

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042720\
 Data File : VN061155.D
 Acq On : 27 Apr 2020 17:58
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 4/28/2020 8:14:43 PM

Quant Time: Apr 28 02:16:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 01:31:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	123564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	216401	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	208474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	101536	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	310393	183.15	ug/l	0.00
Spiked Amount			Recovery	=	366.30%	
35) Dibromofluoromethane	7.55	113	203767	164.35	ug/l	0.00
Spiked Amount			Recovery	=	328.70%	
50) Toluene-d8	10.06	98	860523	163.28	ug/l	0.00
Spiked Amount			Recovery	=	326.56%	
62) 4-Bromofluorobenzene	12.37	95	332733	168.50	ug/l	0.00
Spiked Amount			Recovery	=	337.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	214402	182.401	ug/l	99
3) Chloromethane	2.03	50	265468	185.239	ug/l	99
4) Vinyl Chloride	2.16	62	281408	163.331	ug/l	99
5) Bromomethane	2.51	94	131400m	156.823	ug/l	
6) Chloroethane	2.66	64	170870	181.707	ug/l	97
7) Trichlorofluoromethane	2.98	101	297121	160.158	ug/l	97
8) Diethyl Ether	3.37	74	140745	165.847	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	197362	161.385	ug/l	99
10) Methyl Iodide	3.91	142	271126	156.474	ug/l	99
11) Tert butyl alcohol	4.73	59	210866	968.055	ug/l	99
12) 1,1-Dichloroethene	3.69	96	199317	159.617	ug/l	98
13) Acrolein	3.56	56	138373	853.254	ug/l	97
14) Allyl chloride	4.27	41	313196	154.864	ug/l	92
15) Acrylonitrile	4.93	53	660329	974.946	ug/l	99
16) Acetone	3.77	43	560392	687.896	ug/l	100
17) Carbon Disulfide	4.01	76	581389	157.815	ug/l	100
18) Methyl Acetate	4.27	43	375999	170.461	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	778459	174.674	ug/l	100
20) Methylene Chloride	4.50	84	234254	161.550	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	226994	152.562	ug/l	99
22) Diisopropyl ether	5.90	45	915716	195.121	ug/l	98
23) Vinyl Acetate	5.84	43	3780452	1004.081	ug/l	99
24) 1,1-Dichloroethane	5.80	63	456526	178.252	ug/l	99
25) 2-Butanone	6.78	43	946972	1014.466	ug/l	99
26) 2,2-Dichloropropane	6.77	77	358015	158.458	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	263691	159.279	ug/l	99
28) Bromochloromethane	7.15	49	223273	201.009	ug/l	99
29) Tetrahydrofuran	7.16	42	647493	1008.198	ug/l	100
30) Chloroform	7.33	83	453529	175.194	ug/l	100
31) Cyclohexane	7.61	56	423721	164.884	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	400103	173.358	ug/l	99
36) 1,1-Dichloropropene	7.75	75	341174	160.770	ug/l	99
37) Ethyl Acetate	6.88	43	403367	185.035	ug/l	99
38) Carbon Tetrachloride	7.73	117	307622	166.896	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	392455	153.435	ug/l	100
40) Benzene	8.00	78	1004499	160.131	ug/l	100
41) Methacrylonitrile	7.12	41	169990	170.217	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	378904	167.103	ug/l	100
43) Isopropyl Acetate	8.12	43	684741	185.490	ug/l	99
44) Trichloroethene	8.80	130	258386	143.270	ug/l	99
45) 1,2-Dichloropropane	9.08	63	267463	160.381	ug/l	100
46) Dibromomethane	9.18	93	171449	161.338	ug/l	99
47) Bromodichloromethane	9.37	83	367759	174.014	ug/l	99
48) Methyl methacrylate	9.17	41	322847	186.595	ug/l	99
49) 1,4-Dioxane	9.17	88	66044	2608.815	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	2035535	941.393	ug/l	98
52) Toluene	10.12	92	629276	160.522	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	423989	165.332	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	439392	165.160	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	242763	160.622	ug/l	98
56) Ethyl methacrylate	10.40	69	423536	182.967	ug/l	99
57) 1,3-Dichloropropane	10.68	76	433883	167.285	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	1073572	899.025	ug/l	99
59) 2-Hexanone	10.72	43	1520891	953.213	ug/l	99
60) Dibromochloromethane	10.88	129	268955	170.234	ug/l	98
61) 1,2-Dibromoethane	10.98	107	253301	162.932	ug/l	99
64) Tetrachloroethene	10.60	164	265716	127.853	ug/l	99
65) Chlorobenzene	11.41	112	636909	151.466	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	234179	157.053	ug/l	99
67) Ethyl Benzene	11.48	91	1225202	155.858	ug/l	99
68) m/p-Xylenes	11.60	106	905119	309.213	ug/l	99
69) o-Xylene	11.92	106	434611	153.868	ug/l	99
70) Styrene	11.94	104	762557	166.109	ug/l	100
71) Bromoform	12.10	173	187115	167.333	ug/l #	100
73) Isopropylbenzene	12.22	105	1182221	154.912	ug/l	99
74) N-amyl acetate	12.04	43	635206	181.499	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	349755	167.084	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	322256m	140.241	ug/l	
77) Bromobenzene	12.50	156	269867	146.566	ug/l	98
78) n-propylbenzene	12.57	91	1400822	156.109	ug/l	100
79) 2-Chlorotoluene	12.65	91	817621	156.813	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	996646	155.142	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	137484	156.835	ug/l	99
82) 4-Chlorotoluene	12.75	91	870408	157.107	ug/l	99
83) tert-Butylbenzene	12.97	119	839560	155.813	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	1004469	156.505	ug/l	100
85) sec-Butylbenzene	13.15	105	1147341	156.854	ug/l	100
86) p-Isopropyltoluene	13.26	119	1034391	155.988	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	491328	149.432	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	494100	148.337	ug/l	99
89) n-Butylbenzene	13.59	91	957617	158.194	ug/l	99
90) Hexachloroethane	13.85	117	114446	213.852	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	463550	151.260	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	79802	175.321	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Apr 28 01:31:08 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	298423	146.850	ug/l	100
94) Hexachlorobutadiene	14.99	225	120120	136.453	ug/l	98
95) Naphthalene	15.10	128	1003296	158.648	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	293418	149.954	ug/l	100

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

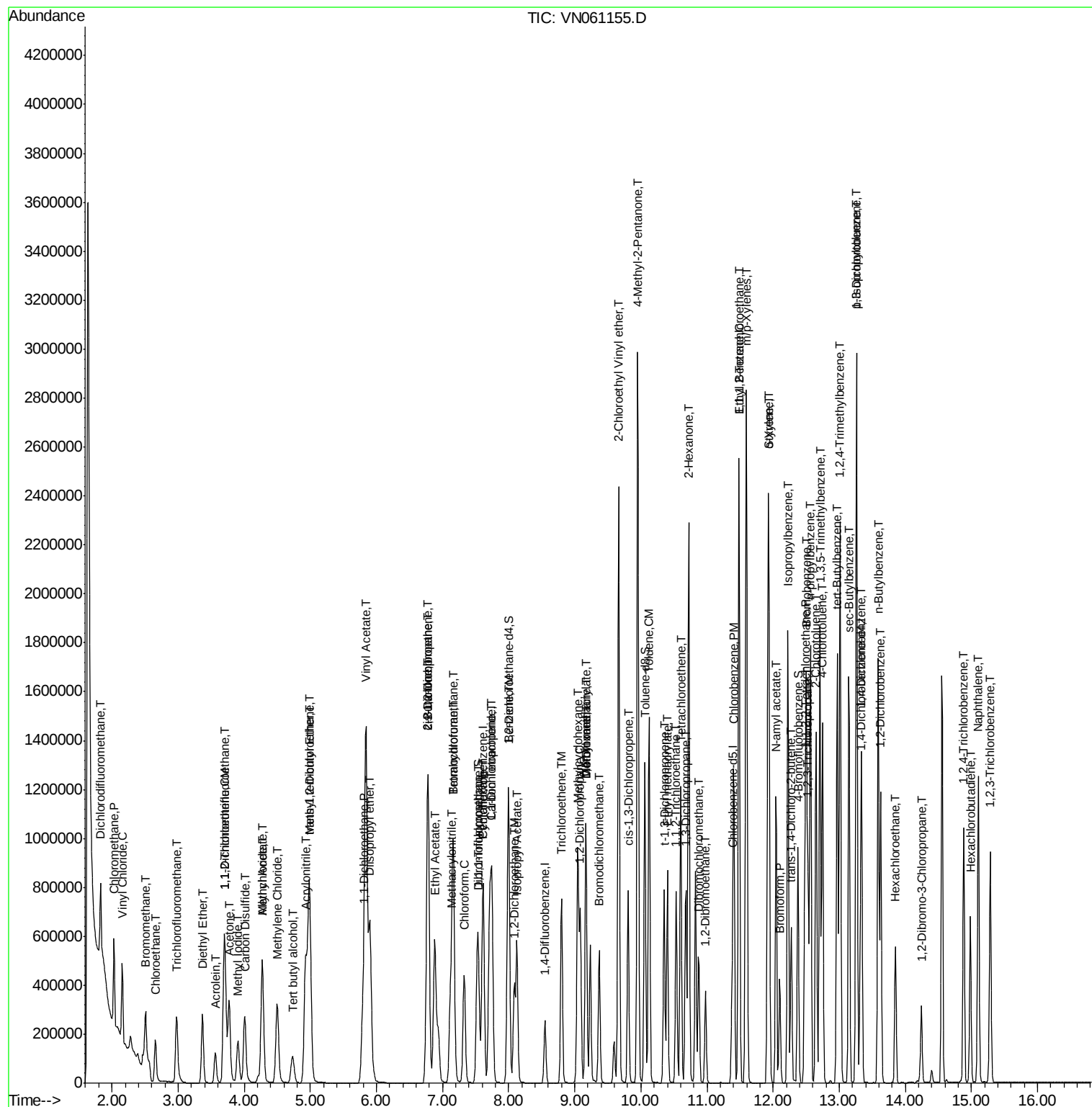
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042720\
Data File : VN061155.D
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Operator : JC/MD
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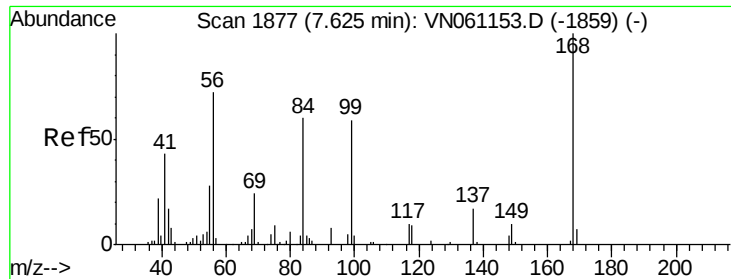
Instrument :
MSVOA_N
Client Sample ID :
VSTDIC150

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VN061155.D

Acq: 27 Apr 2020 17:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 123564

Ion Ratio Lower Upper

168 100

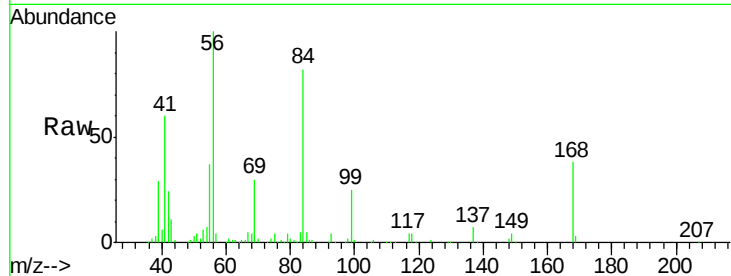
99 64.5 51.2 76.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

100000

80000

60000

40000

20000

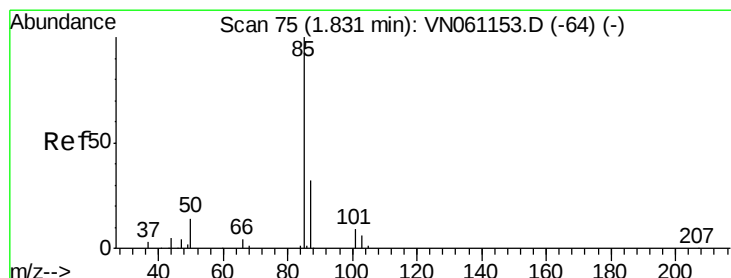
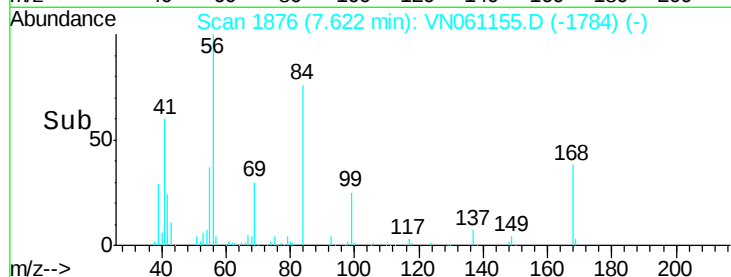
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 182.401 ug/l

RT: 1.83 min Scan# 74

Delta R.T. -0.00 min

Lab File: VN061155.D

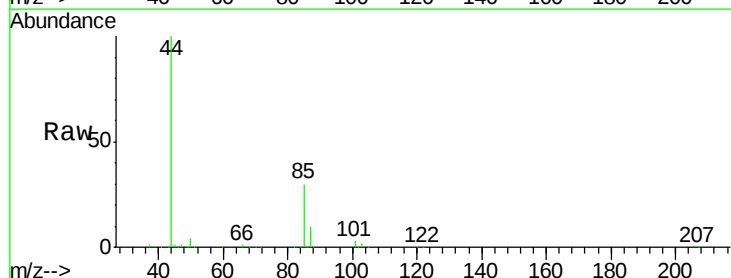
Acq: 27 Apr 2020 17:58

Tgt Ion: 85 Resp: 214402

Ion Ratio Lower Upper

85 100

87 32.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

150000

100000

50000

0

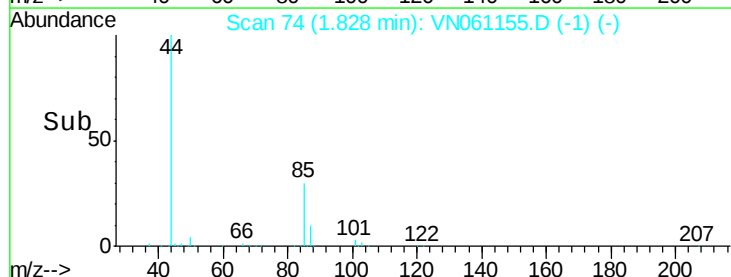
1.75

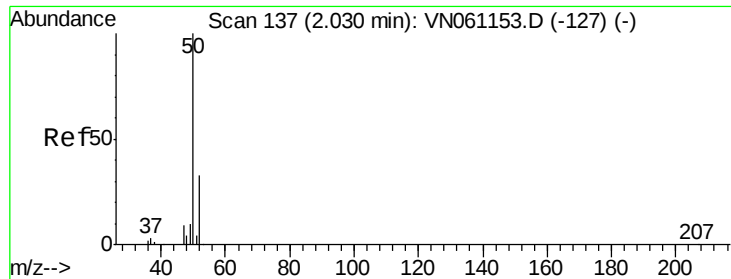
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 185.239 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061155.D

Acq: 27 Apr 2020 17:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 265468

Ion Ratio Lower Upper

50 100

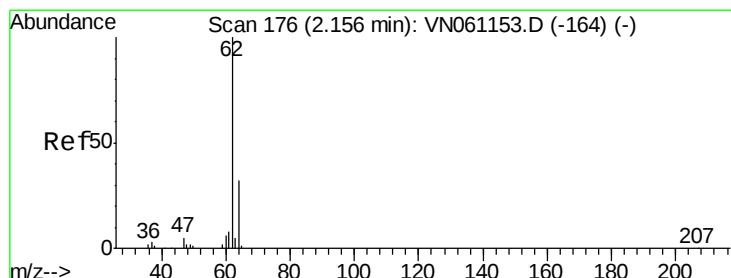
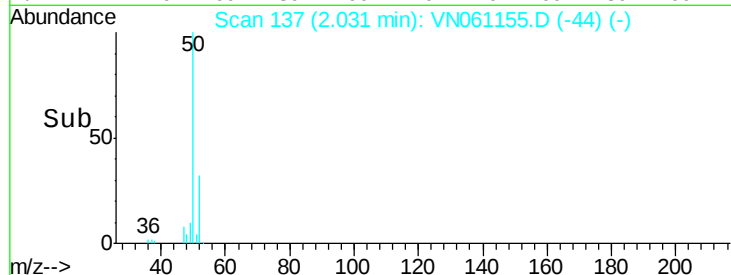
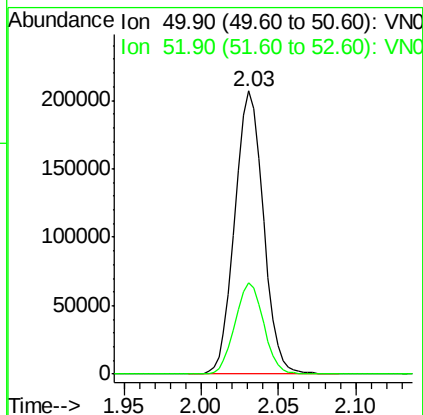
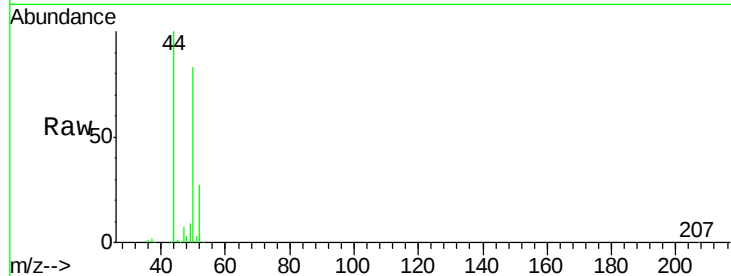
52 32.1 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 163.331 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061155.D

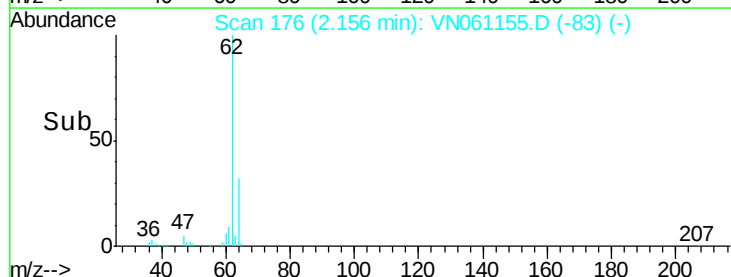
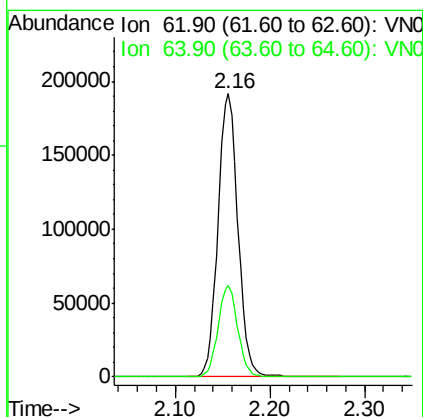
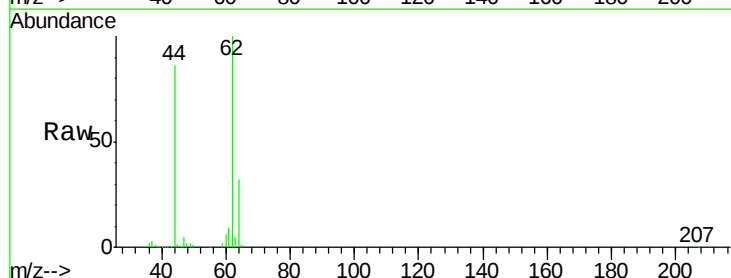
Acq: 27 Apr 2020 17:58

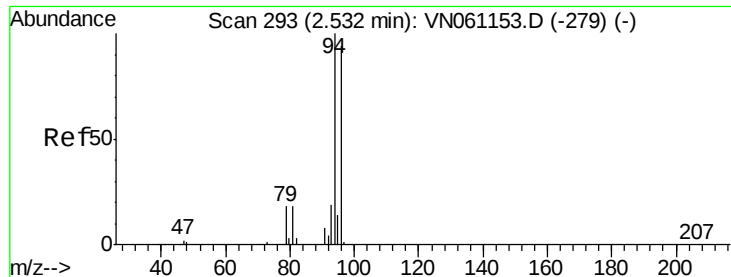
Tgt Ion: 62 Resp: 281408

Ion Ratio Lower Upper

62 100

64 32.1 25.2 37.8





#5

Bromomethane

Concen: 156.823 ug/l m

RT: 2.51 min Scan# 285

Delta R.T. -0.03 min

Lab File: VN061155.D

Acq: 27 Apr 2020 17:58

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Tot Ion: 94 Resp: 131400

Ion Ratio Lower Upper

94 100

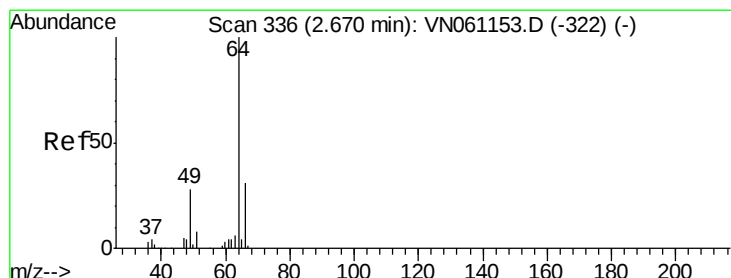
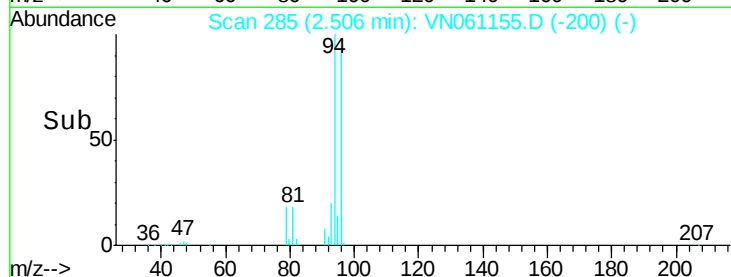
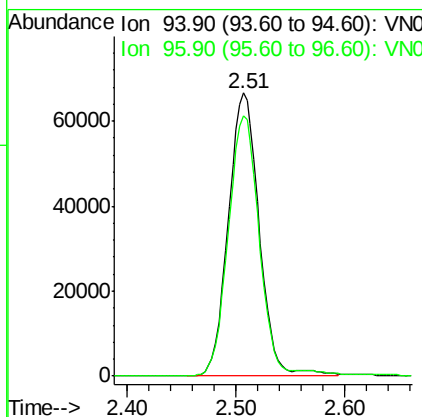
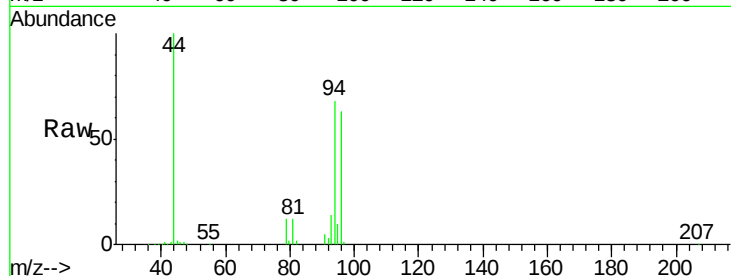
96 92.2 75.1 112.7

Manual Integrations

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#6

Chloroethane

Concen: 181.707 ug/l

RT: 2.66 min Scan# 332

Delta R.T. -0.01 min

Lab File: VN061155.D

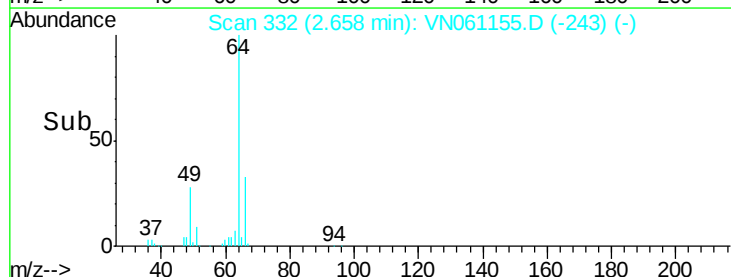
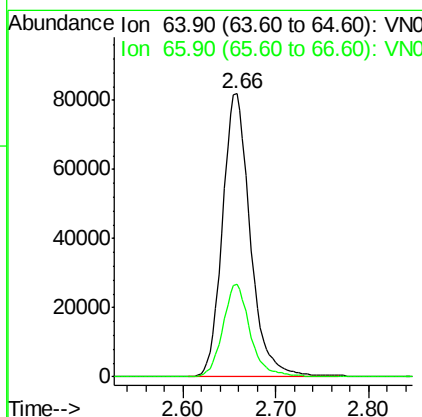
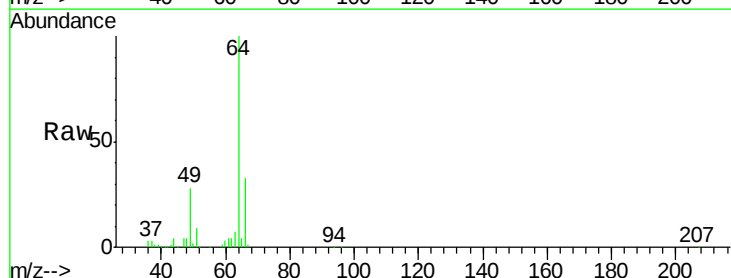
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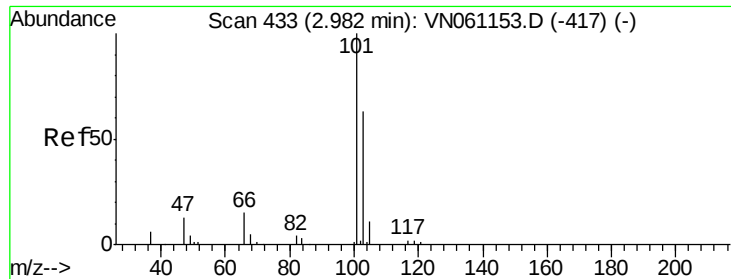
Tgt Ion: 64 Resp: 170870

Ion Ratio Lower Upper

64 100

66 32.5 24.6 36.8





#7

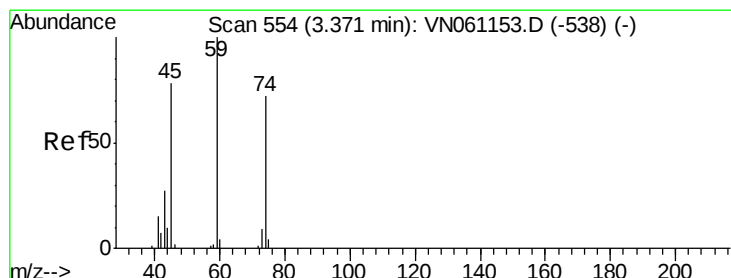
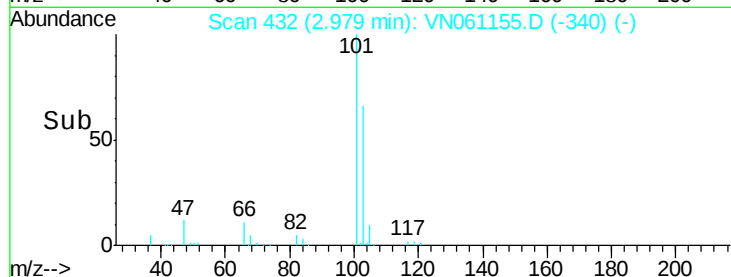
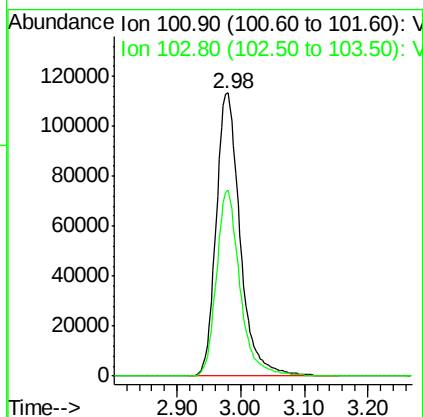
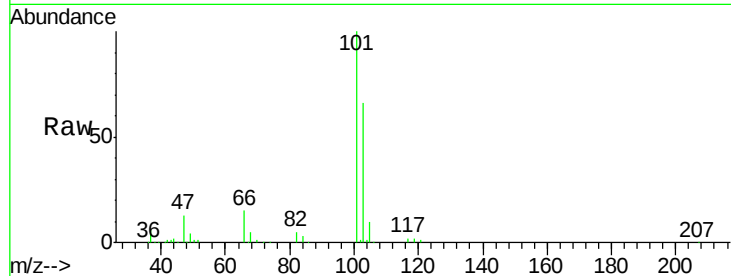
Trichlorofluoromethane
Concen: 160.158 ug/l
RT: 2.98 min Scan# 432
Delta R.T. -0.00 min
Lab File: VN061155.D
Acq: 27 Apr 2020 17:58

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	297121		
103	65.7	50.6	50.6	76.0

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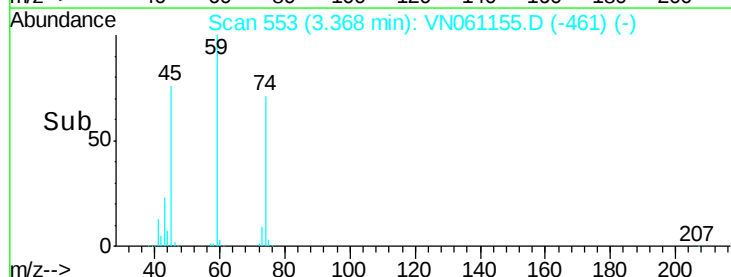
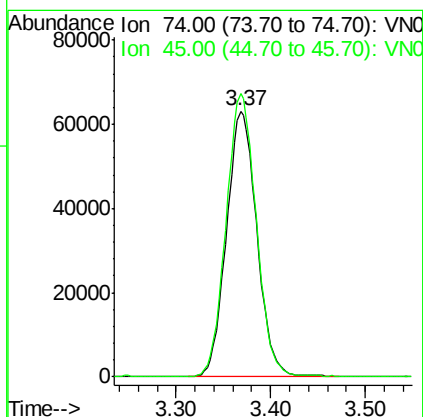
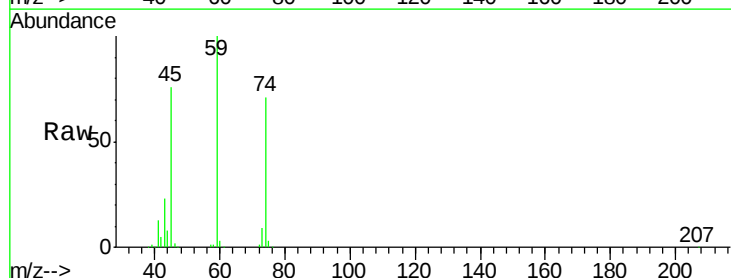
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#8

Diethyl Ether
Concen: 165.847 ug/l
RT: 3.37 min Scan# 553
Delta R.T. -0.00 min
Lab File: VN061155.D
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Tgt Ion	Ratio	Resp	Lower	Upper
74	100	140745		
45	106.0	53.3	53.3	160.0





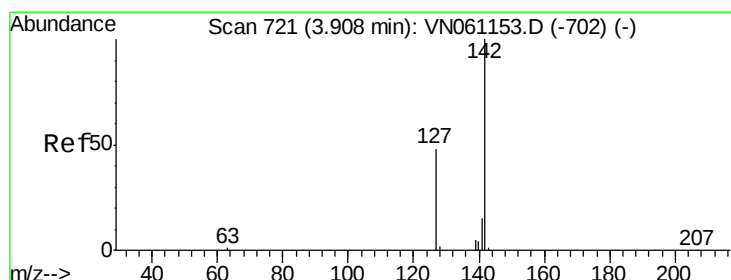
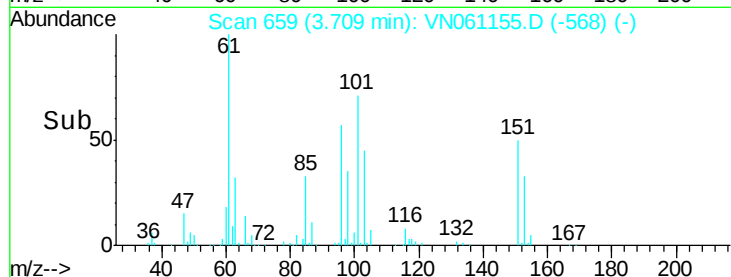
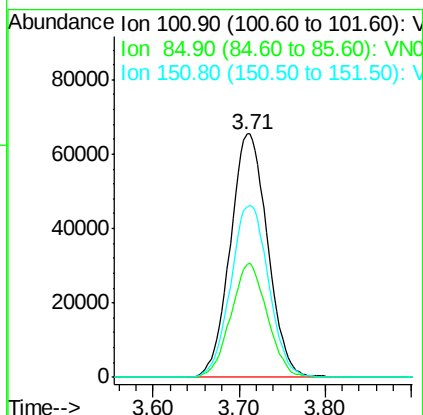
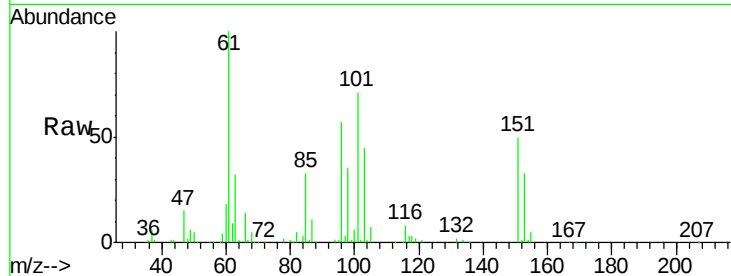
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 161.385 ug/l
 RT: 3.71 min Scan# 659
 Delta R.T. -0.01 min
 Lab File: VN061155.D
 Acq: 27 Apr 2020 17:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
101	100	197362		
85	45.6	37.2	55.8	
151	71.8	57.7	86.5	

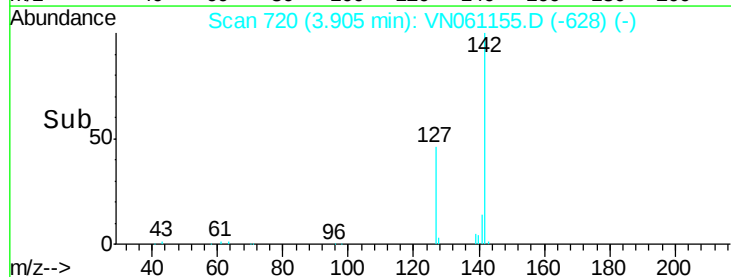
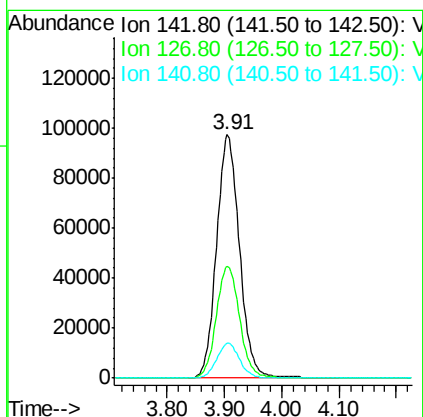
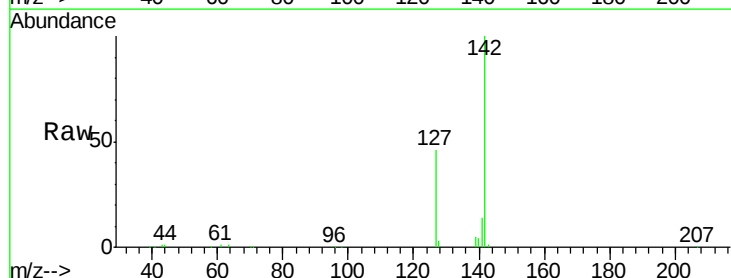
Manual Integrations
 APPROVED

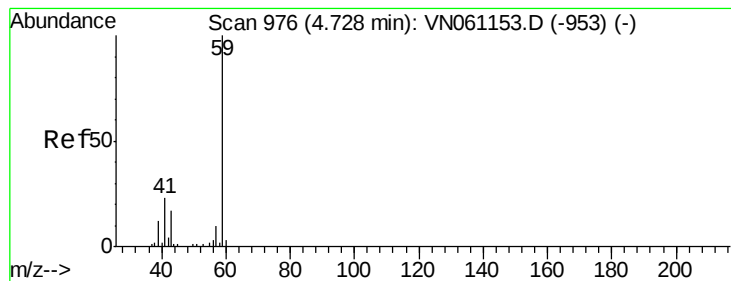
MMDadoda
 4/28/2020 8:14:43 PM



#10
 Methyl Iodide
 Concen: 156.474 ug/l
 RT: 3.91 min Scan# 720
 Delta R.T. -0.00 min
 Lab File: VN061155.D
 Acq: 27 Apr 2020 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	271126		
127	46.7	38.0	57.0	
141	14.3	11.7	17.5	





#11

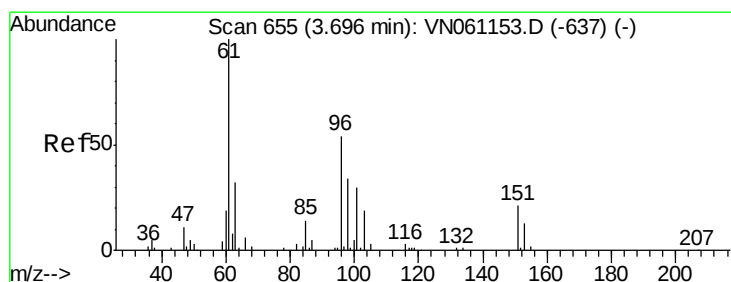
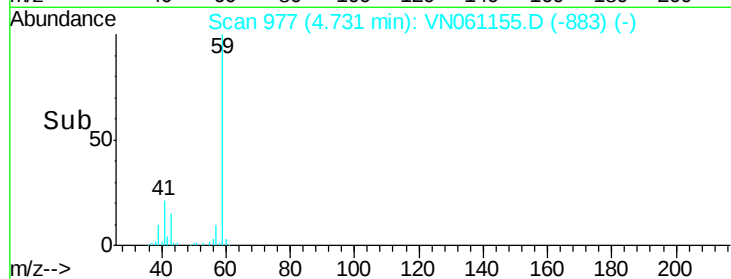
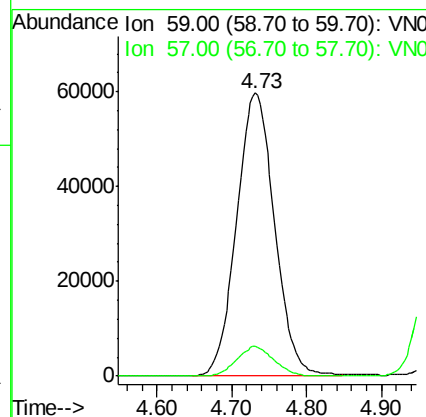
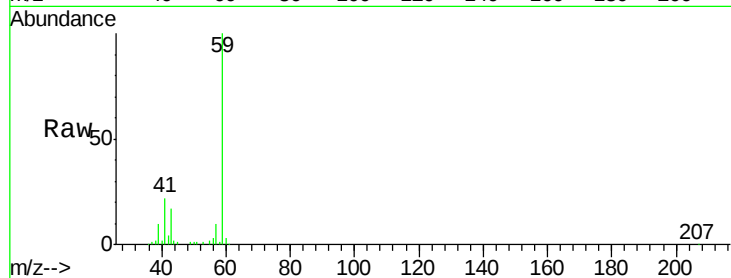
Tert butyl alcohol
 Concen: 968.055 ug/l
 RT: 4.73 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: VN061155.D
 Acq: 27 Apr 2020 17:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
59	100	210866		
57	10.2		8.3	12.5

Manual Integrations
 APPROVED

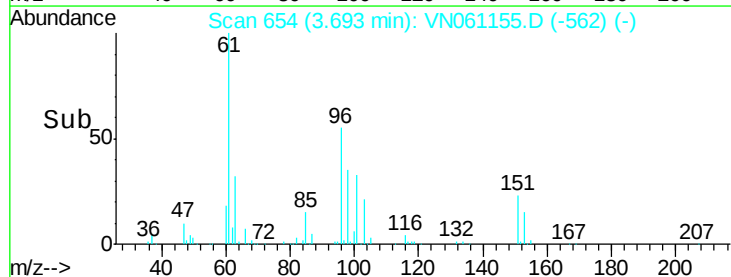
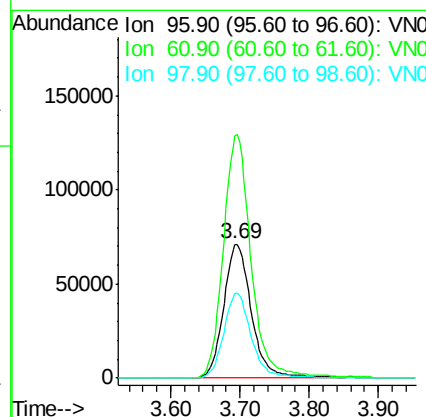
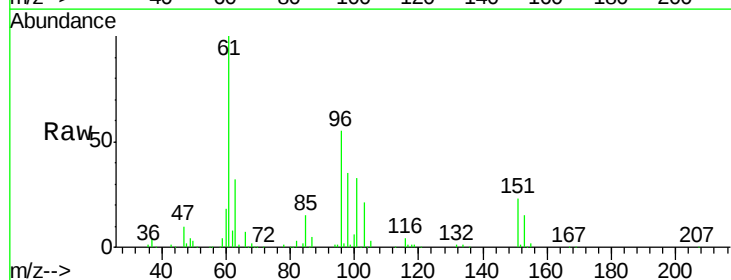
MMDadoda
 4/28/2020 8:14:43 PM

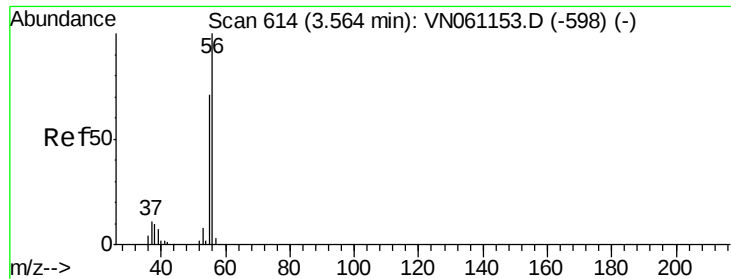


#12

1,1-Dichloroethene
 Concen: 159.617 ug/l
 RT: 3.69 min Scan# 654
 Delta R.T. -0.00 min
 Lab File: VN061155.D
 Acq: 27 Apr 2020 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	199317		
61	181.1		147.0	220.6
98	63.4		49.8	74.6





#13

Acrolein

Concen: 853.254 ug/l

RT: 3.56 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN061155.D

Acq: 27 Apr 2020 17:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 138373

Ion Ratio Lower Upper

56 100

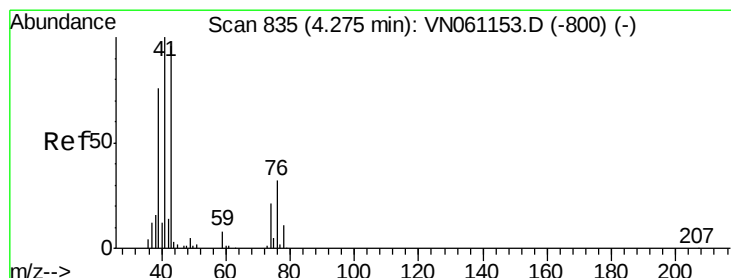
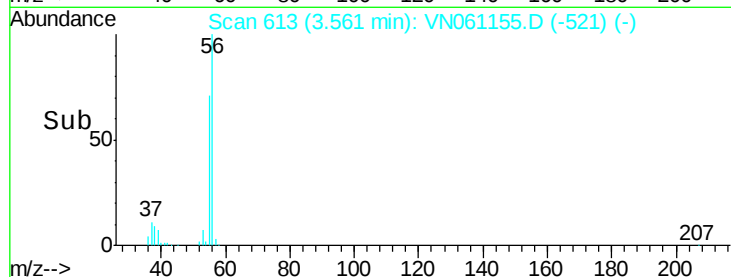
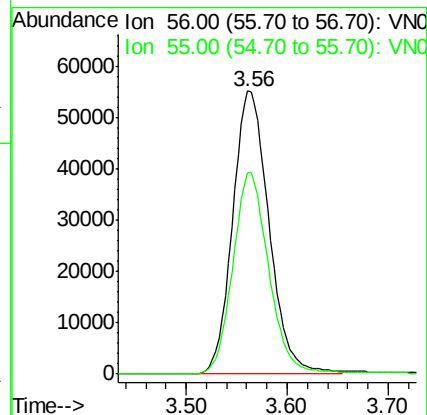
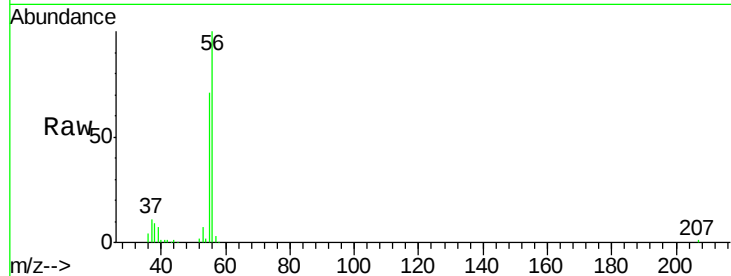
55 70.2 58.5 87.7

Manual Integrations

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MMDadoda

4/28/2020 8:14:43 PM



#14

Allyl chloride

Concen: 154.864 ug/l

RT: 4.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: VN061155.D

Acq: 27 Apr 2020 17:58

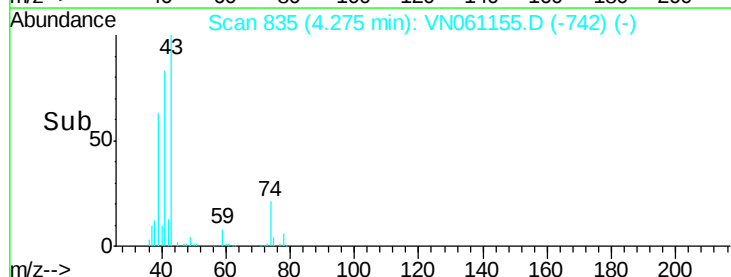
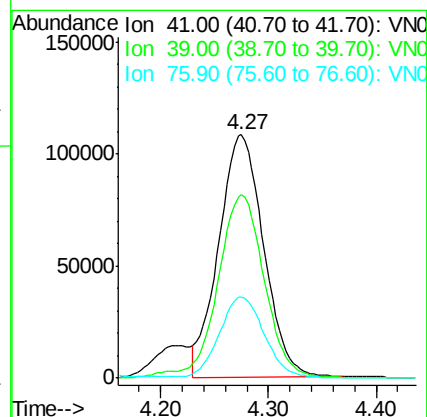
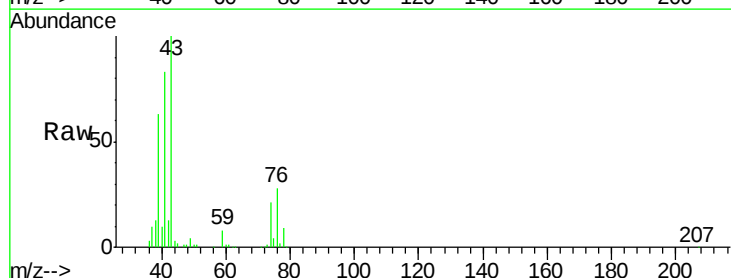
Tgt Ion: 41 Resp: 313196

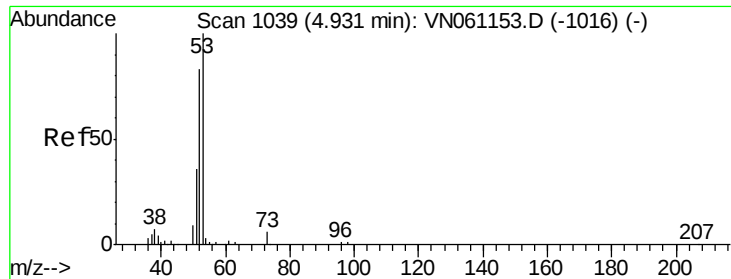
Ion Ratio Lower Upper

41 100

39 79.0 57.1 85.7

76 33.3 24.3 36.5





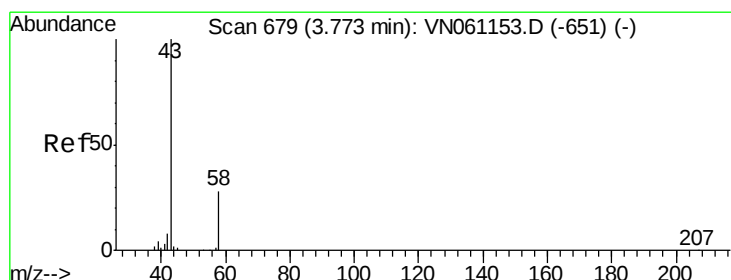
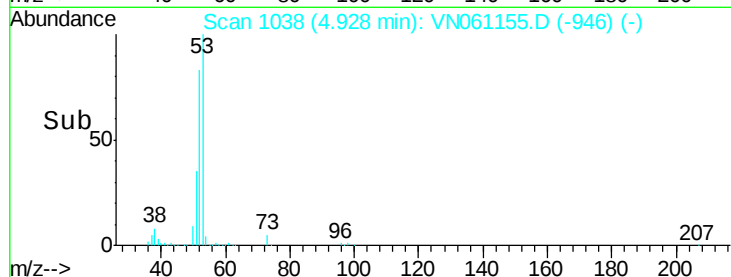
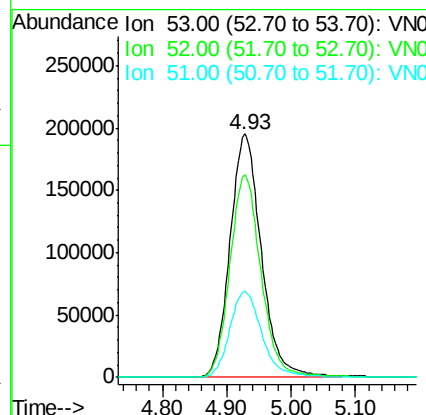
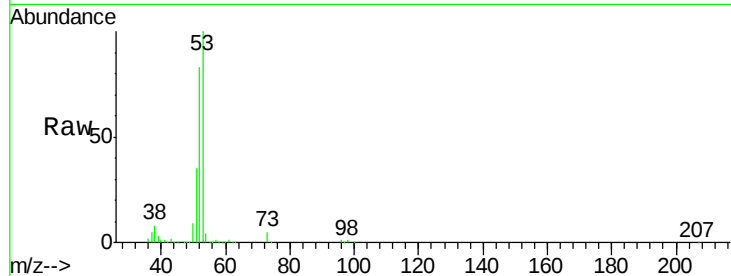
#15
 Acrylonitrile
 Concen: 974.946 ug/l
 RT: 4.93 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: VN061155.D
 Acq: 27 Apr 2020 17:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion:	53	Resp:	660329
Ion Ratio	Lower	Upper	
53	100		
52	82.8	65.4	98.0
51	36.6	29.5	44.3

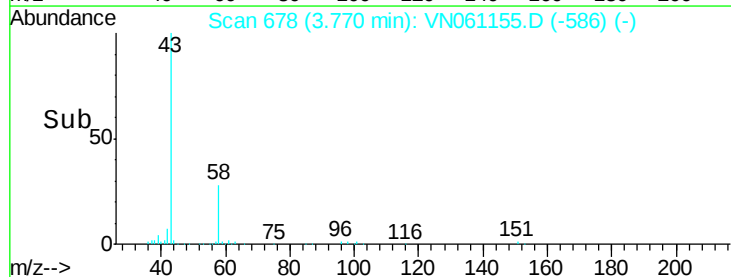
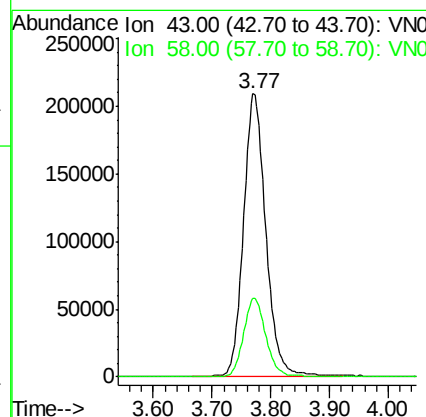
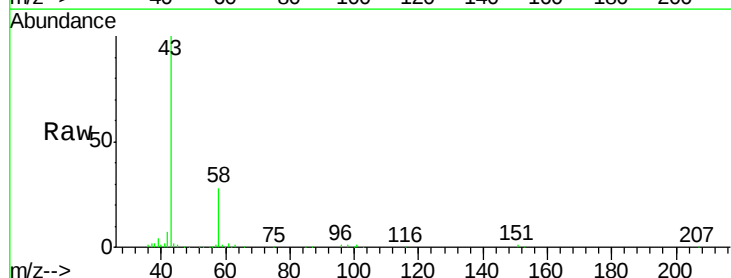
Manual Integrations
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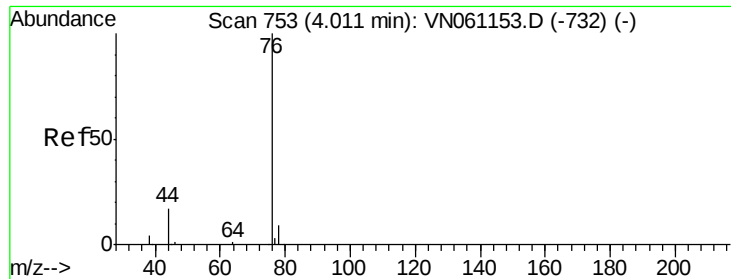
MMDadoda
 4/28/2020 8:14:43 PM



#16
 Acetone
 Concen: 687.896 ug/l
 RT: 3.77 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: VN061155.D
 Acq: 27 Apr 2020 17:58

Tgt Ion:	43	Resp:	560392
Ion Ratio	Lower	Upper	
43	100		
58	27.8	22.2	33.2





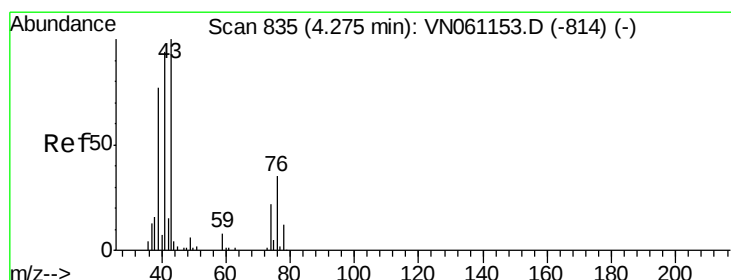
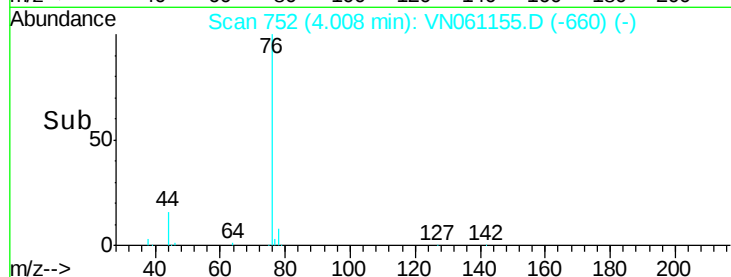
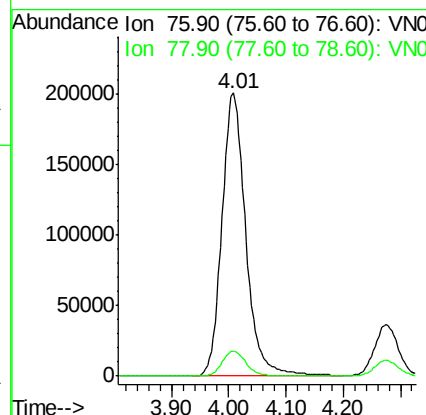
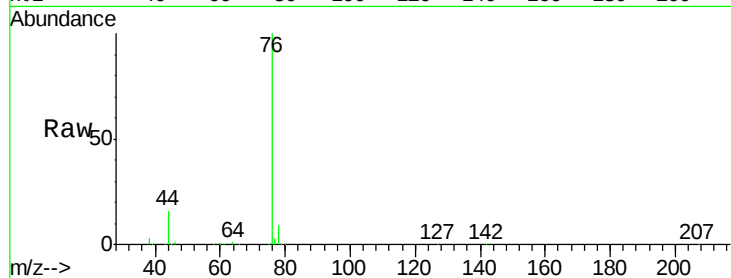
#17
Carbon Disulfide
Concen: 157.815 ug/l
RT: 4.01 min Scan# 752
Delta R.T. -0.00 min
Lab File: VN061155.D
Acq: 27 Apr 2020 17:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 76 Resp: 581389
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

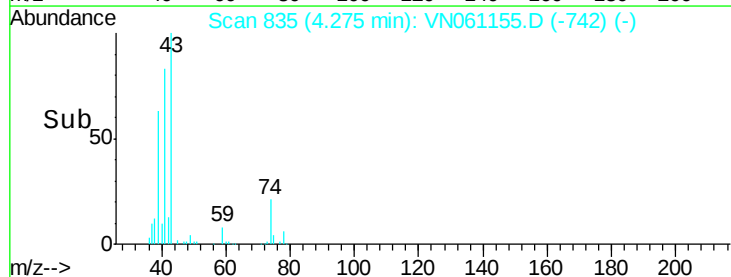
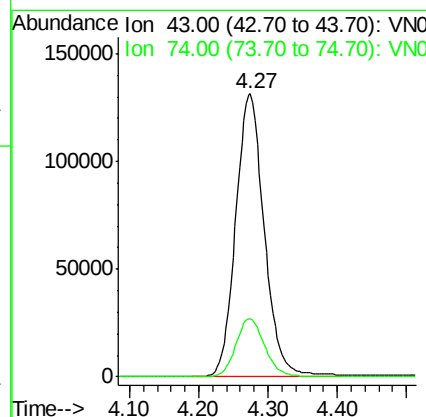
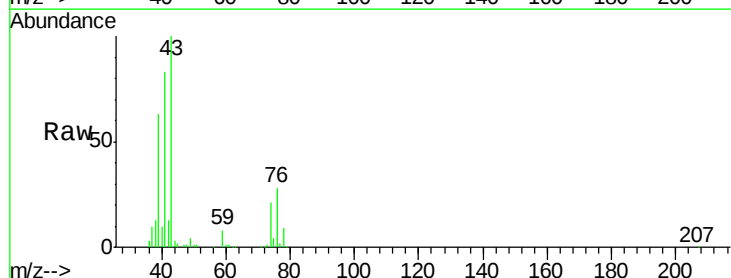
Manual Integrations
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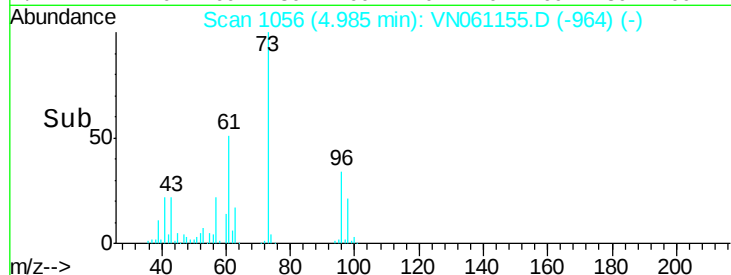
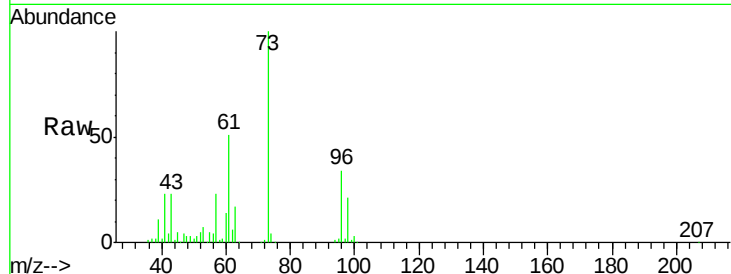
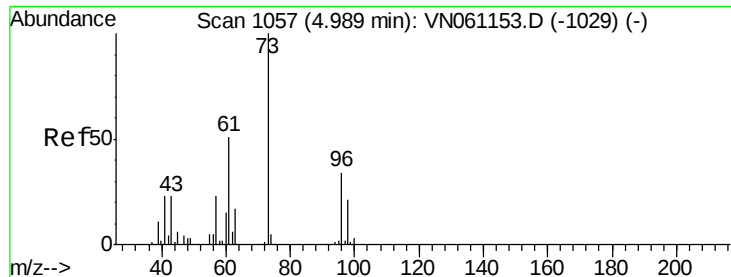
MMDadoda
4/28/2020 8:14:43 PM



#18
Methyl Acetate
Concen: 170.461 ug/l
RT: 4.27 min Scan# 835
Delta R.T. 0.00 min
Lab File: VN061155.D
Acq: 27 Apr 2020 17:58

Tgt Ion: 43 Resp: 375999
Ion Ratio Lower Upper
43 100
74 21.1 17.0 25.4





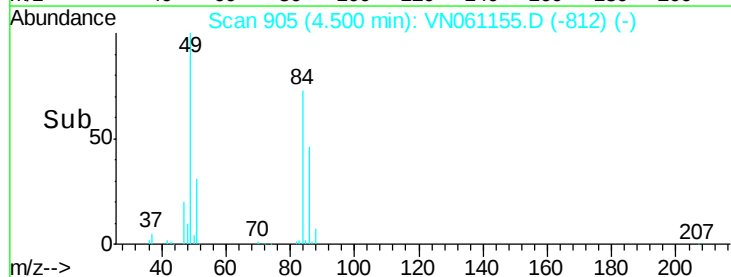
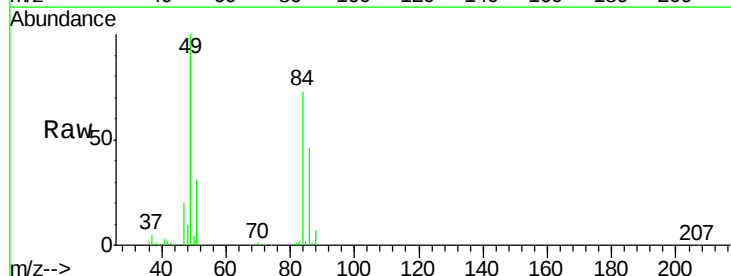
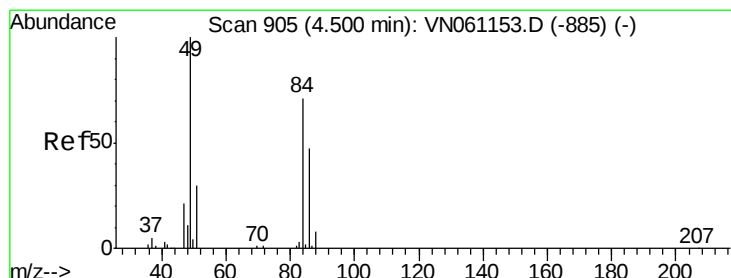
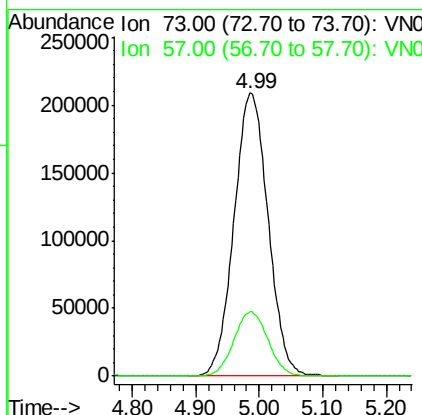
#19
Methvl tert-butvl Ether
Concen: 174.674 ug/l
RT: 4.99 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VN061155.D
Acq: 27 Apr 2020 17:58

Tot Ion: 73 Resp: 778459
Ion Ratio Lower Upper
73 100
57 22.8 18.3 27.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

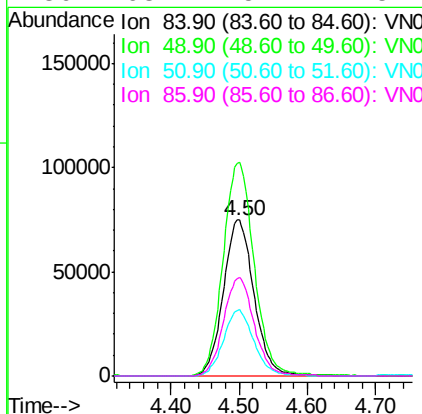
Manual Integrations
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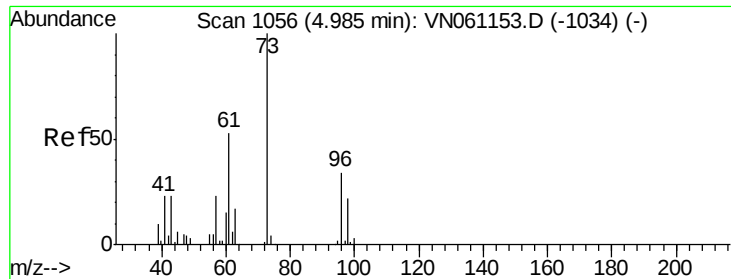
MMDadoda
4/28/2020 8:14:43 PM



#20
Methylene Chloride
Concen: 161.550 ug/l
RT: 4.50 min Scan# 905
Delta R.T. 0.00 min
Lab File: VN061155.D
Acq: 27 Apr 2020 17:58

Tgt Ion: 84 Resp: 234254
Ion Ratio Lower Upper
84 100
49 137.1 112.0 168.0
51 42.4 33.6 50.4
86 63.2 52.1 78.1





#21

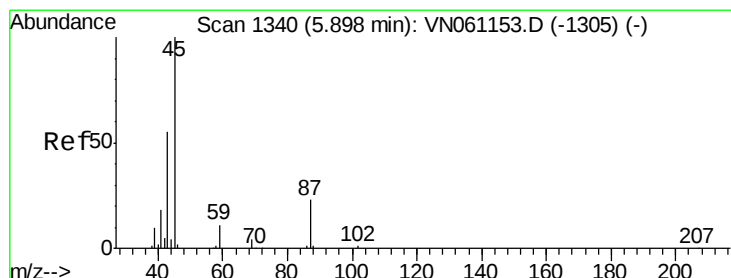
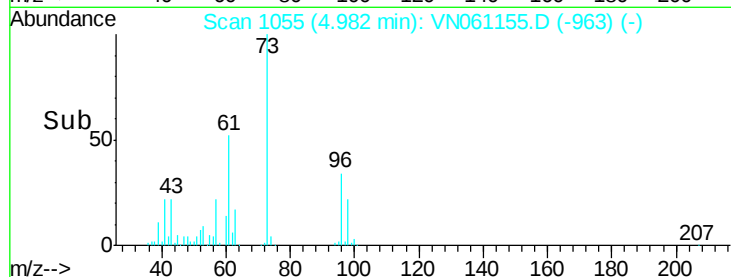
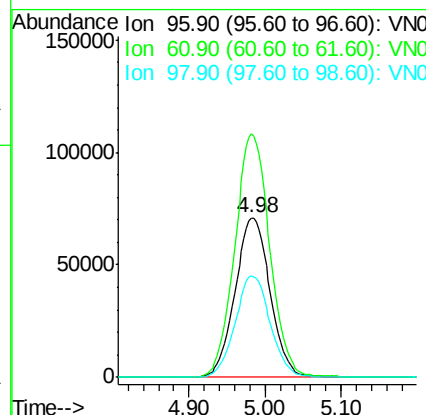
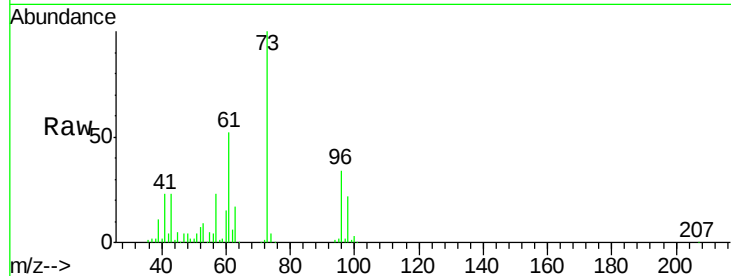
trans-1,2-Dichloroethene
Concen: 152.562 ug/l
RT: 4.98 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VN061155.D
Acq: 27 Apr 2020 17:58

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.5	123.0	184.4
98	63.7	50.1	75.1

Manual Integrations
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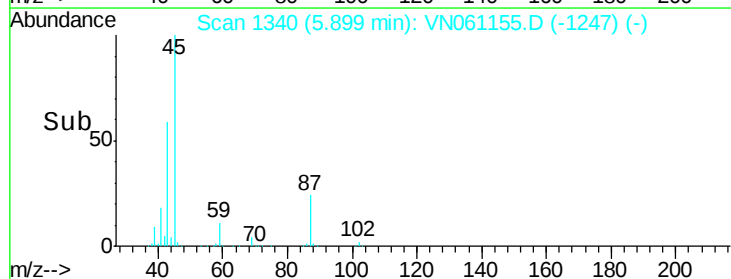
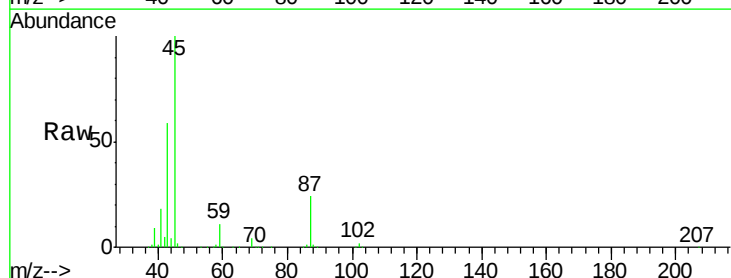
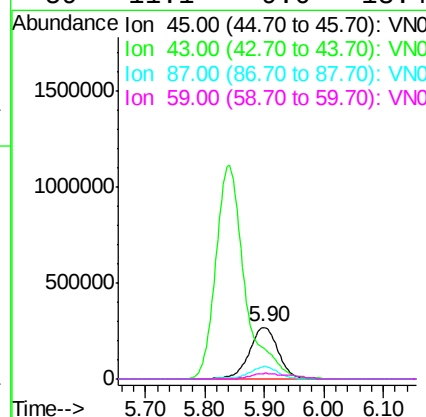
MMDadoda
4/28/2020 8:14:43 PM

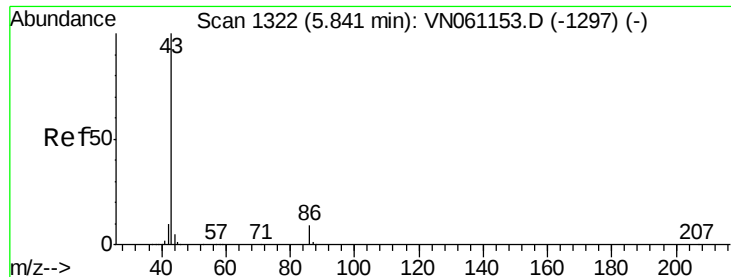


#22

Diisopropyl ether
Concen: 195.121 ug/l
RT: 5.90 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VN061155.D
Acq: 27 Apr 2020 17:58

Tgt Ion	Ratio	Lower	Upper
45	100		
43	58.1	47.9	71.9
87	23.8	19.2	28.8
59	11.1	9.0	13.4





#23

Vinyl Acetate

Concen: 1004.081 ug/l

RT: 5.84 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VN061155.D

Acq: 27 Apr 2020 17:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 3780452

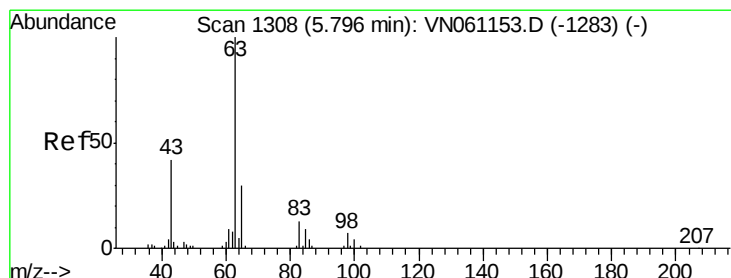
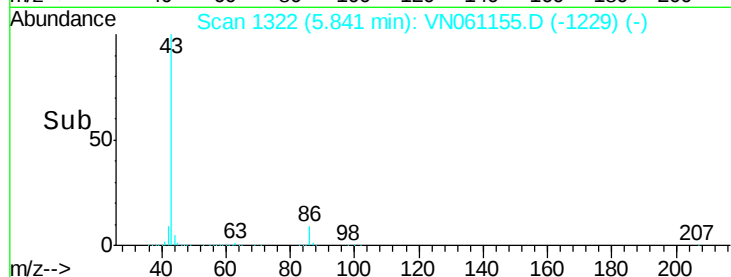
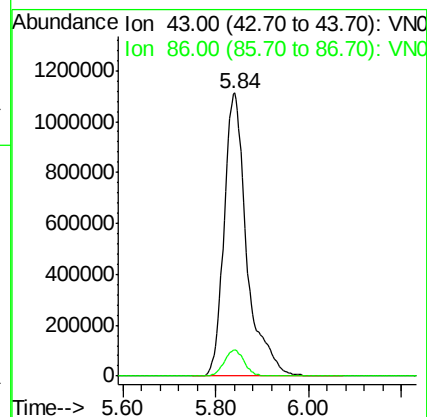
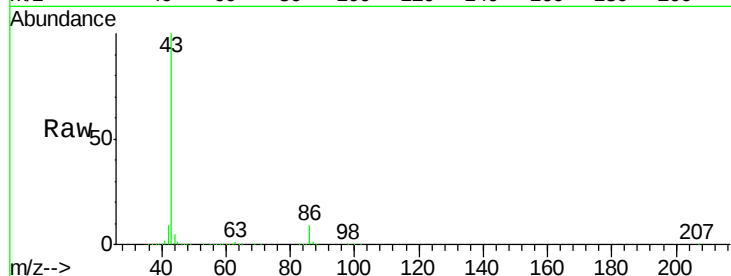
Ion Ratio Lower Upper

43 100

86 9.3 7.2 10.8

Manual Integrations
APPROVED

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4/28/2020 8:14:43 PM



#24

1,1-Dichloroethane

Concen: 178.252 ug/l

RT: 5.80 min Scan# 1308

Delta R.T. 0.00 min

Lab File: VN061155.D

Acq: 27 Apr 2020 17:58

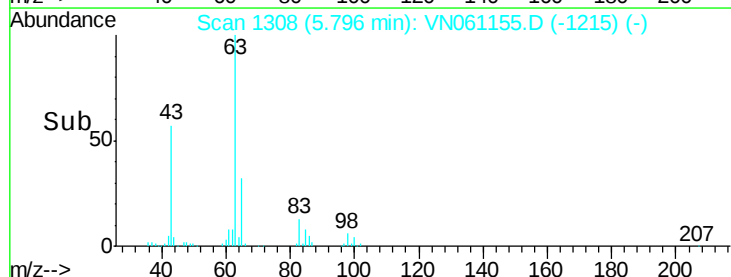
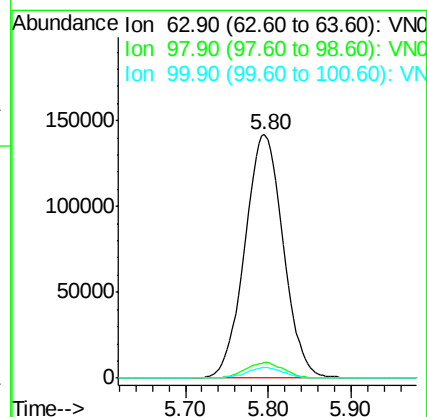
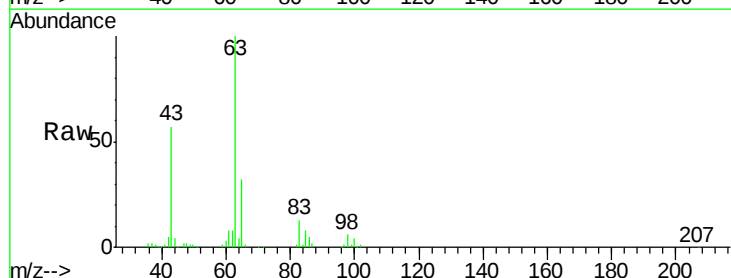
Tgt Ion: 63 Resp: 456526

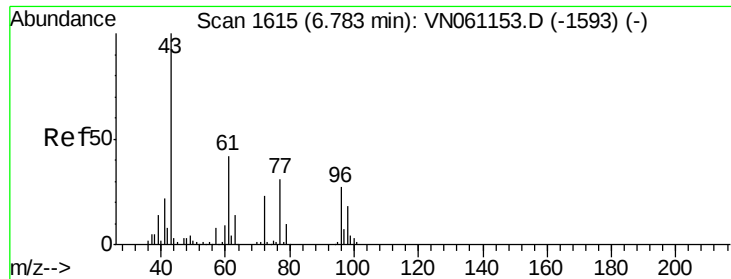
Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.9

100 4.2 1.9 5.7





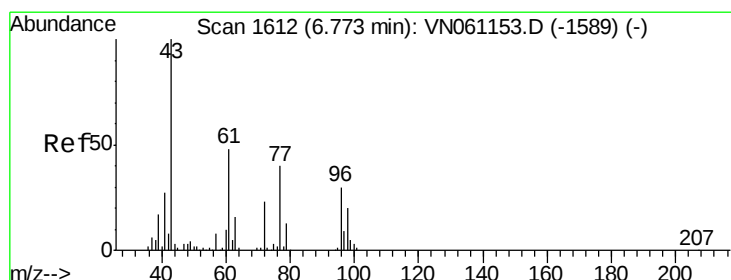
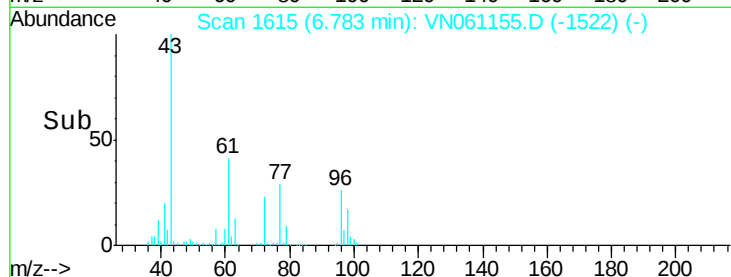
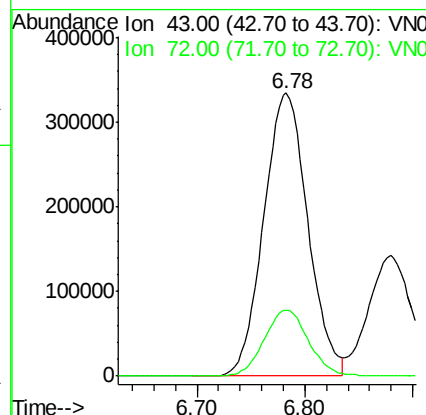
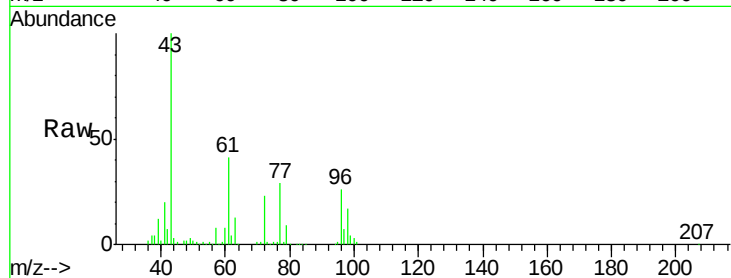
#25
2-Butanone
Concen: 1014.466 ug/l
RT: 6.78 min Scan# 1615
Delta R.T. 0.00 min
Lab File: VN061155.D
Acq: 27 Apr 2020 17:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 946972
Ion Ratio Lower Upper
43 100
72 23.4 18.2 27.4

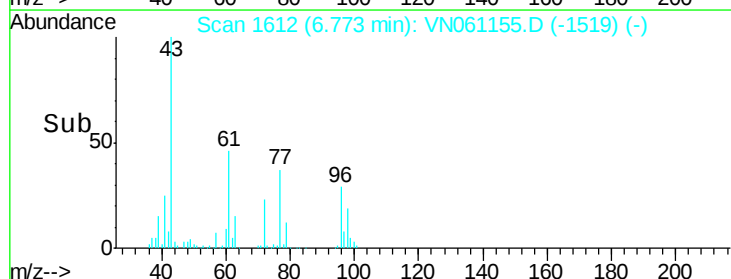
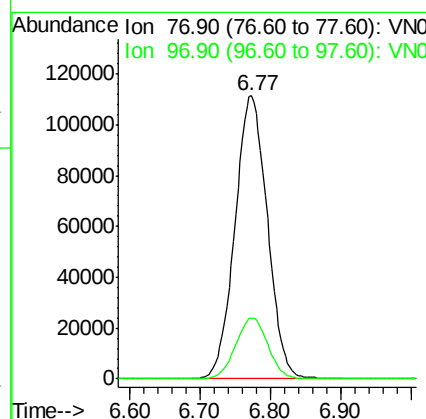
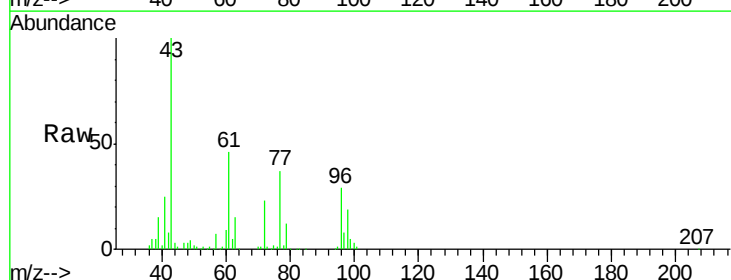
Manual Integrations
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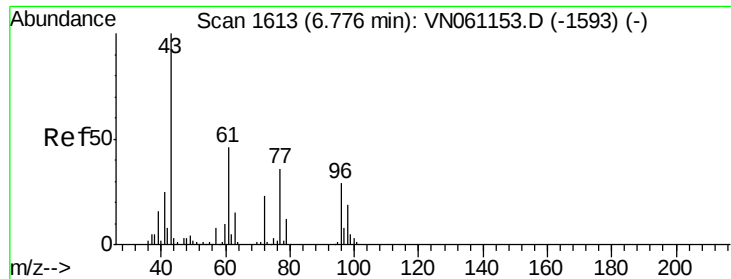
MMDadoda
4/28/2020 8:14:43 PM



#26
2,2-Dichloropropane
Concen: 158.458 ug/l
RT: 6.77 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VN061155.D
Acq: 27 Apr 2020 17:58

Tgt Ion: 77 Resp: 358015
Ion Ratio Lower Upper
77 100
97 21.4 10.5 31.5





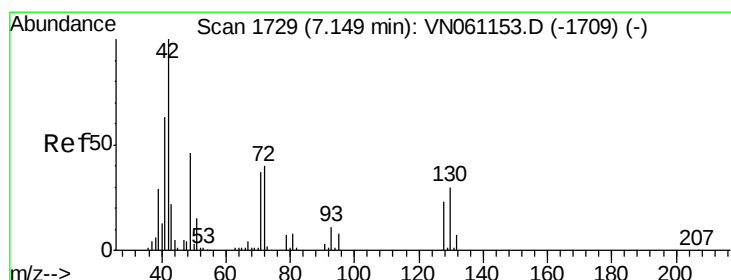
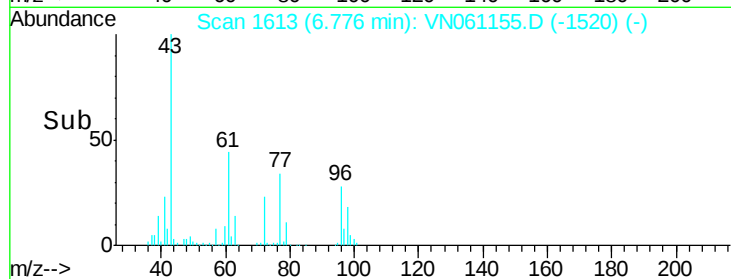
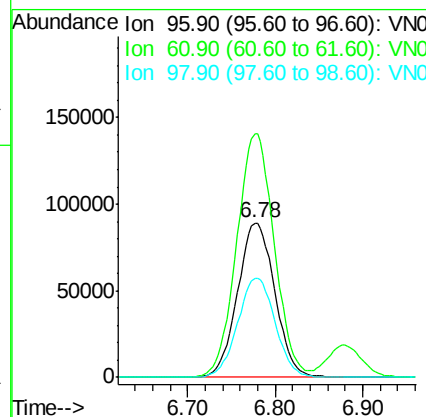
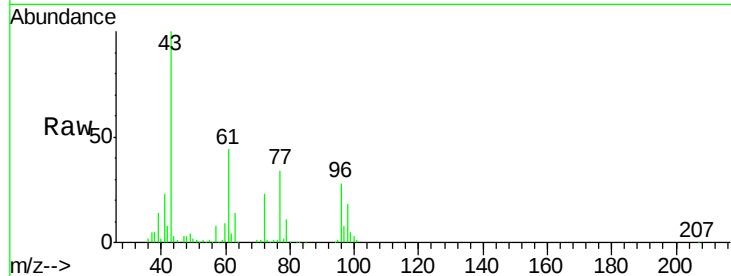
#27
 cis-1,2-Dichloroethene
 Concen: 159.279 ug/l
 RT: 6.78 min Scan# 1613
 Delta R.T. 0.00 min
 Lab File: VN061155.D
 Acq: 27 Apr 2020 17:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100	263691		
61	158.6		0.0	322.0
98	64.6		0.0	129.6

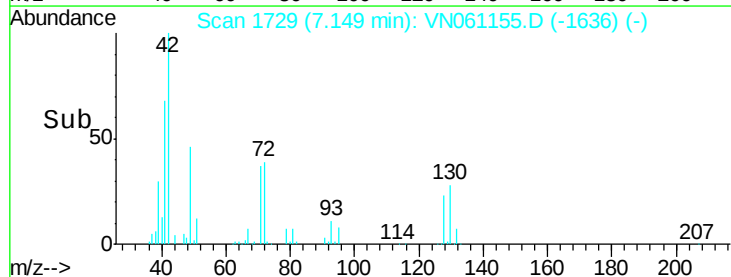
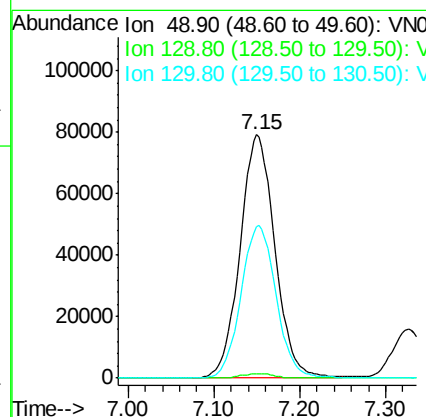
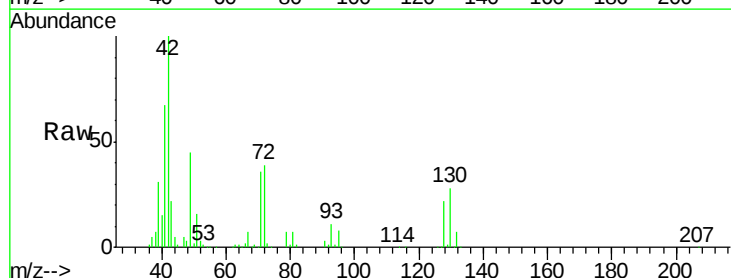
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#28
 Bromochloromethane
 Concen: 201.009 ug/l
 RT: 7.15 min Scan# 1729
 Delta R.T. 0.00 min
 Lab File: VN061155.D
 Acq: 27 Apr 2020 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	223273		
129	1.7		0.0	3.0
130	63.3		51.4	77.2





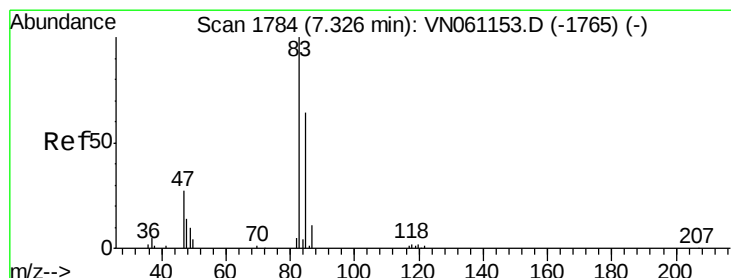
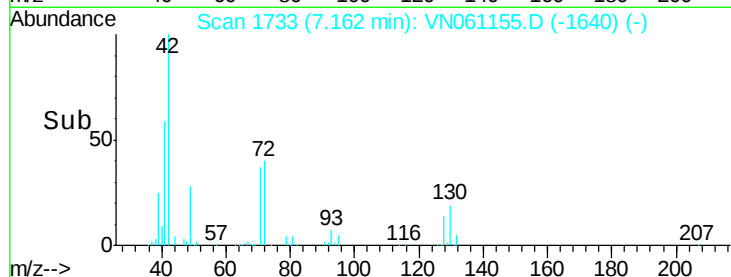
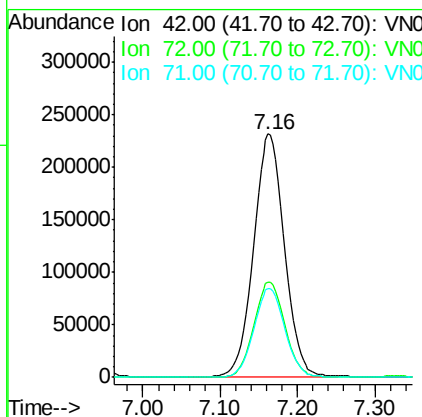
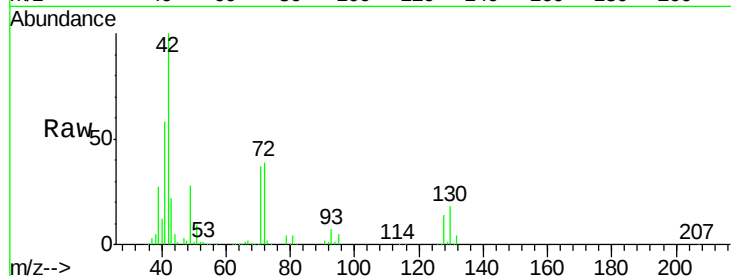
#29
Tetrahydrofuran
Concen: 1008.198 ug/l
RT: 7.16 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN061155.D
Acq: 27 Apr 2020 17:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.3	31.4	47.0
71	36.8	29.5	44.3

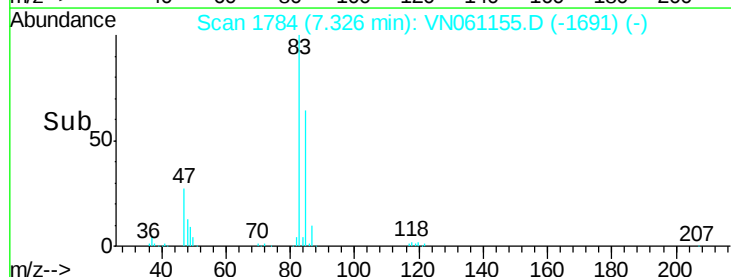
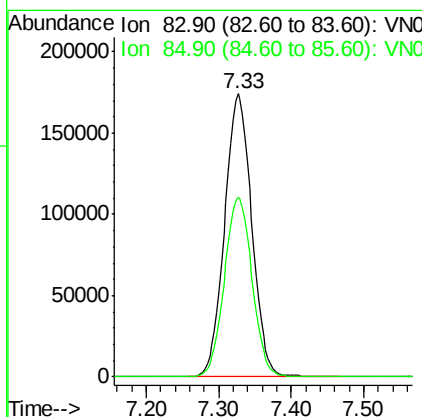
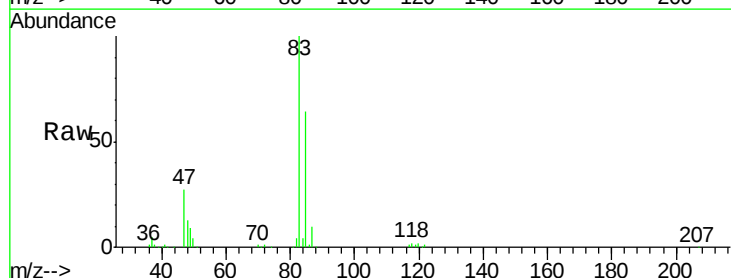
Manual Integrations
APPROVED

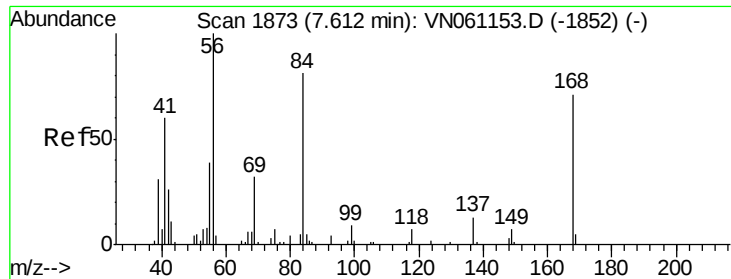
MMDadoda
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#30
Chloroform
Concen: 175.194 ug/l
RT: 7.33 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VN061155.D
Acq: 27 Apr 2020 17:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.1	76.7





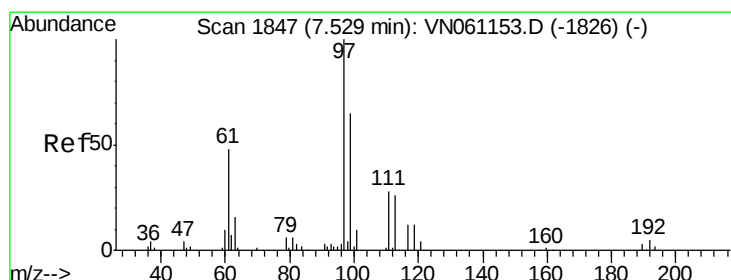
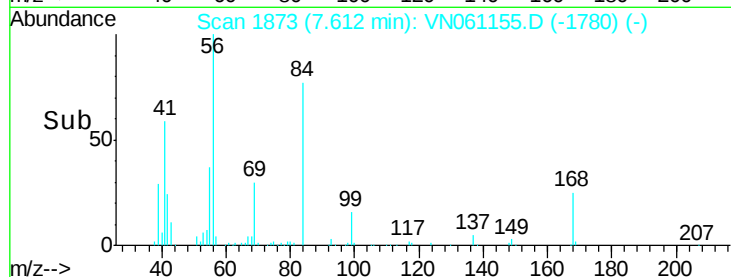
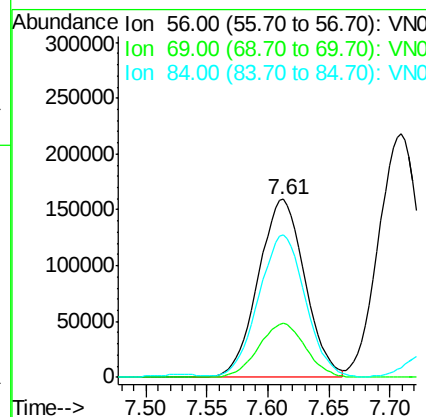
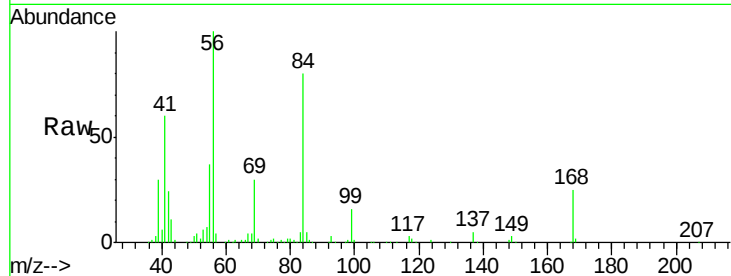
#31
Cyclohexane
Concen: 164.884 ug/l
RT: 7.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN061155.D
Acq: 27 Apr 2020 17:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.3	25.7	38.5
84	78.6	64.6	97.0

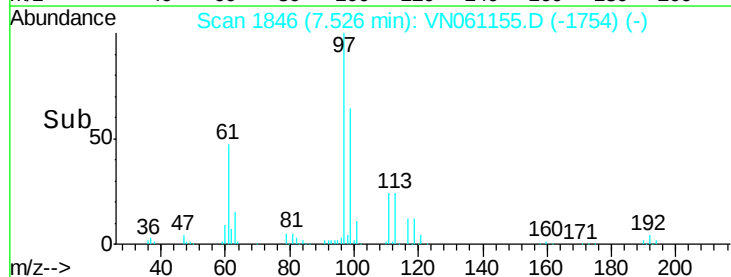
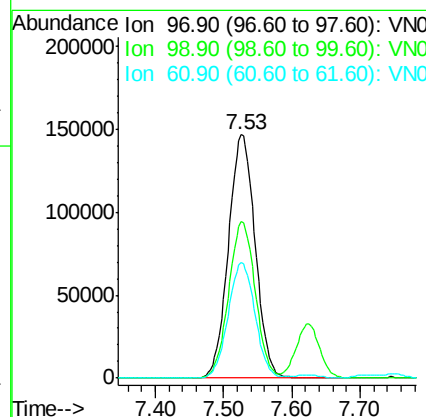
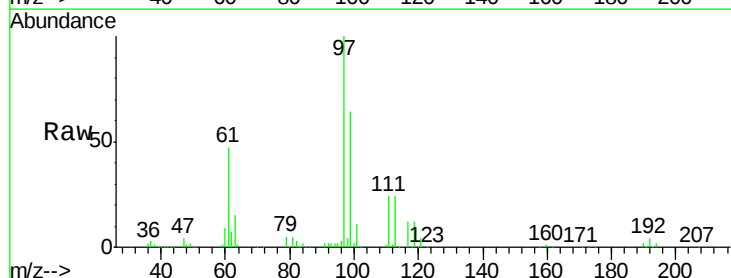
Manual Integrations
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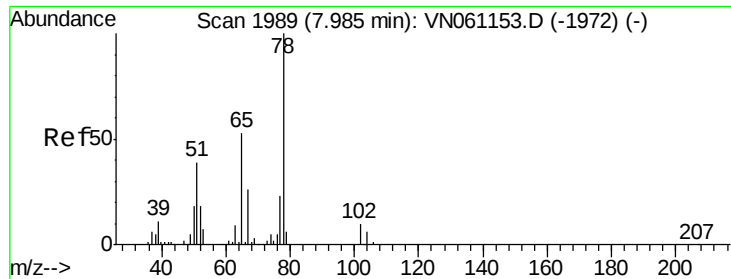
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#32
1,1,1-Trichloroethane
Concen: 173.358 ug/l
RT: 7.53 min Scan# 1846
Delta R.T. -0.00 min
Lab File: VN061155.D
Acq: 27 Apr 2020 17:58

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.3	76.9
61	47.6	38.6	57.8





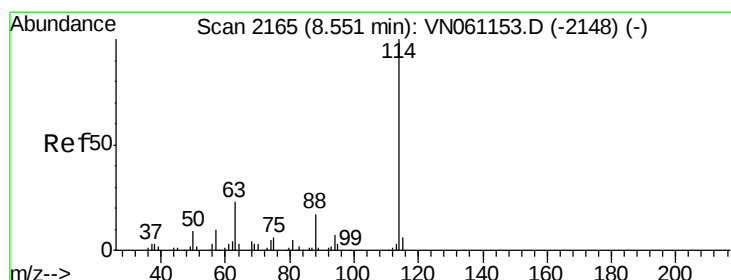
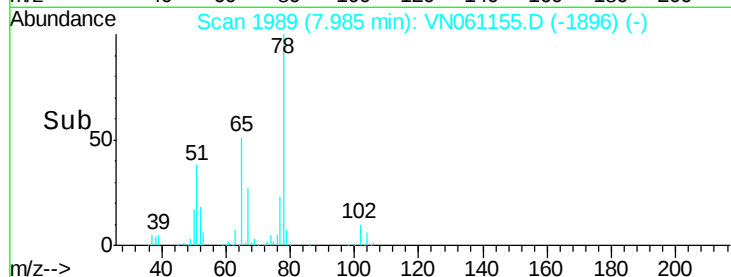
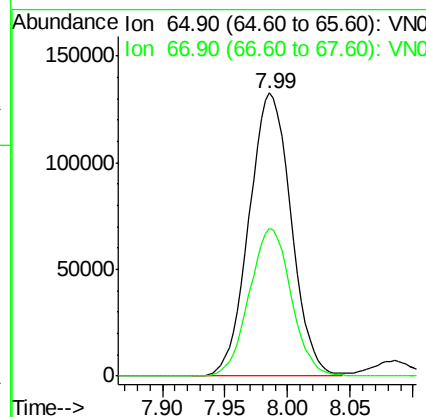
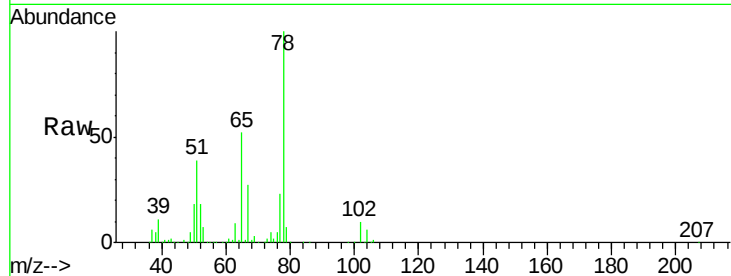
#33
 1,2-Dichloroethane-d4
 Concen: 183.149 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061155.D
 Acq: 27 Apr 2020 17:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
65	100	310393		
67	51.9	0.0	101.6	

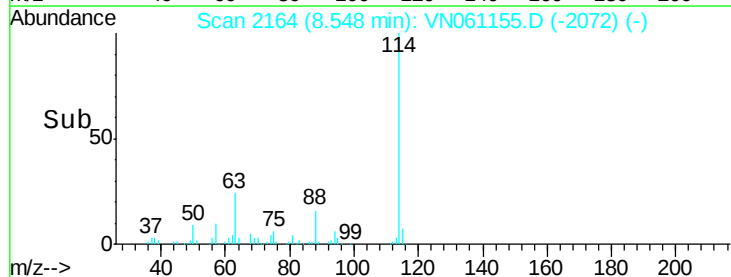
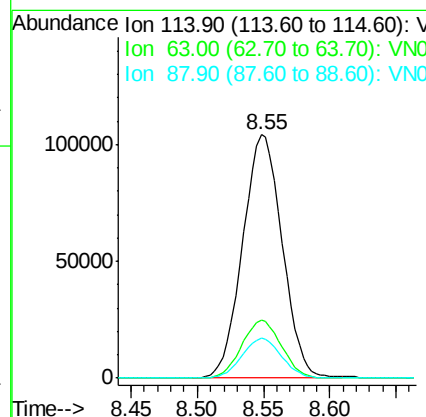
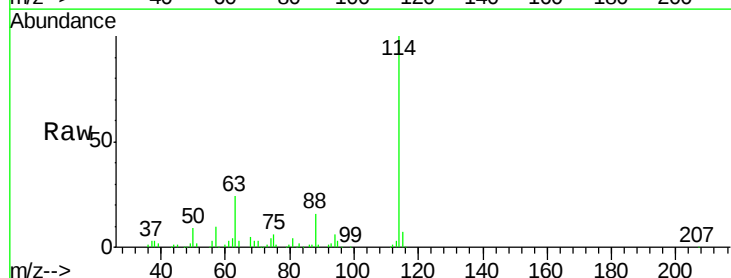
Manual Integrations
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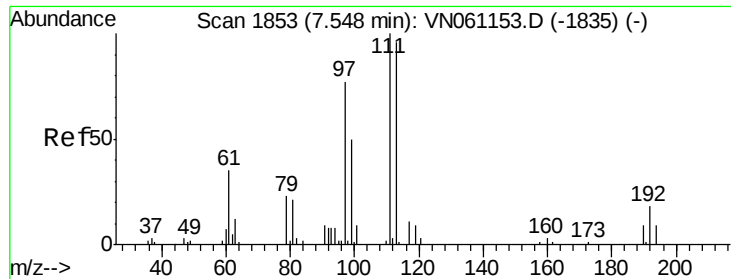
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 4/28/2020 8:14:43 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061155.D
 Acq: 27 Apr 2020 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	216401		
63	23.9	0.0	46.6	
88	16.2	0.0	33.4	





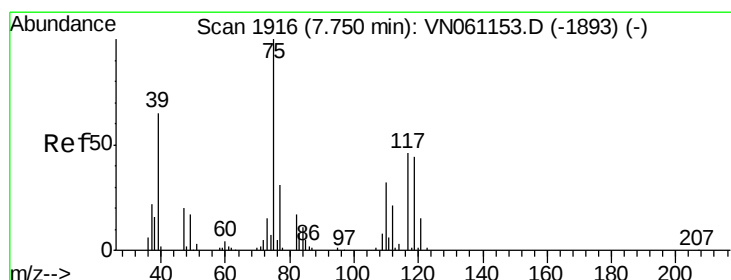
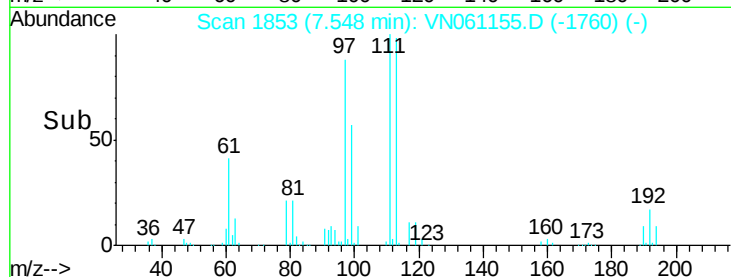
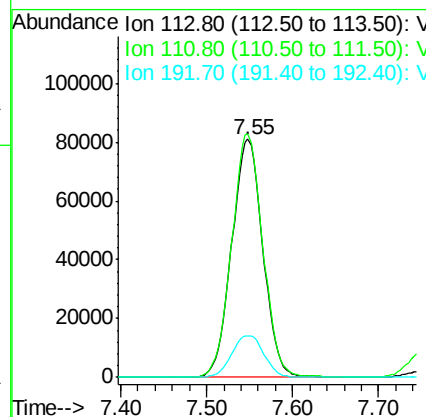
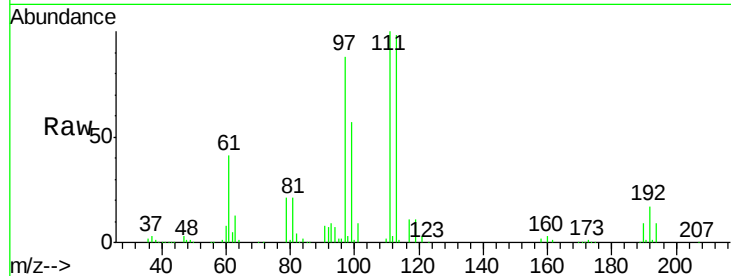
#35
 Dibromofluoromethane
 Concen: 164.349 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061155.D
 Acq: 27 Apr 2020 17:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
113	100	203767		
111	102.4	82.9	124.3	
192	18.1	14.7	22.1	

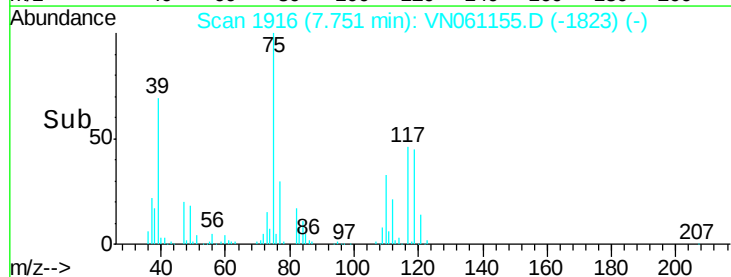
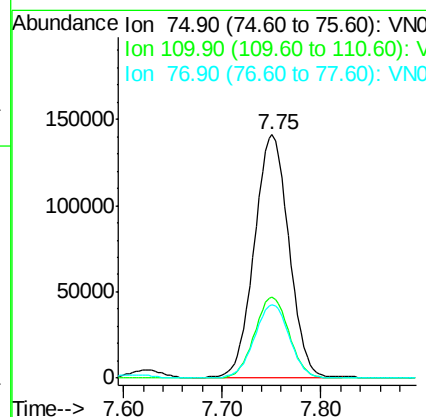
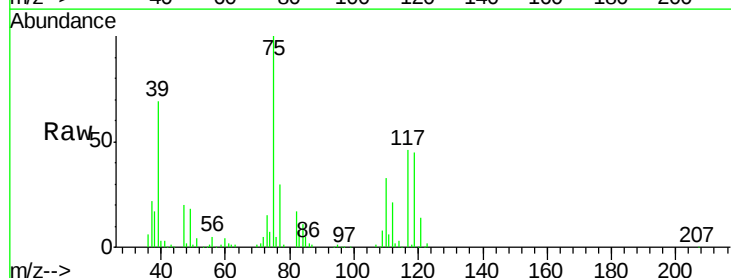
Manual Integrations
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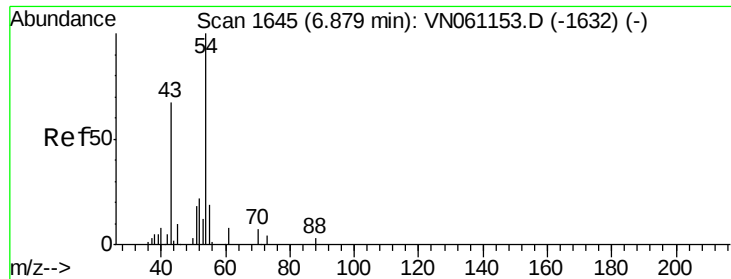
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#36
 1,1-Dichloropropene
 Concen: 160.770 ug/l
 RT: 7.75 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VN061155.D
 Acq: 27 Apr 2020 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	341174		
110	33.1	16.0	48.0	
77	30.7	24.6	37.0	





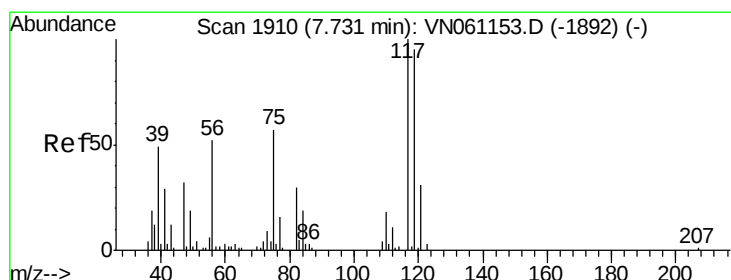
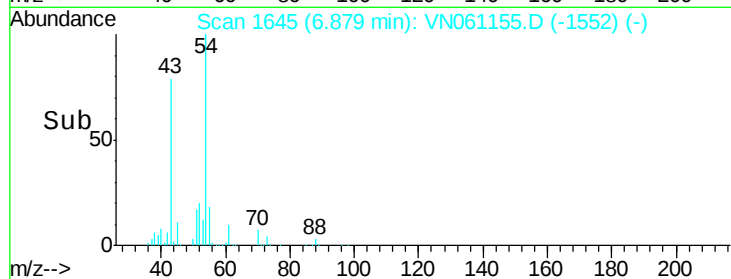
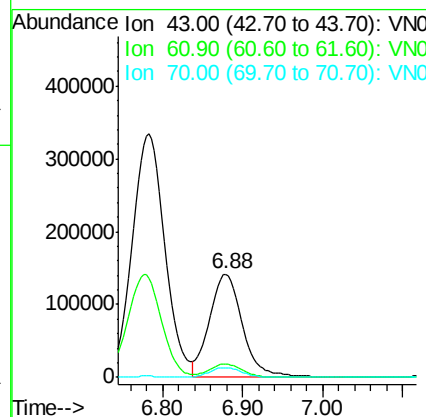
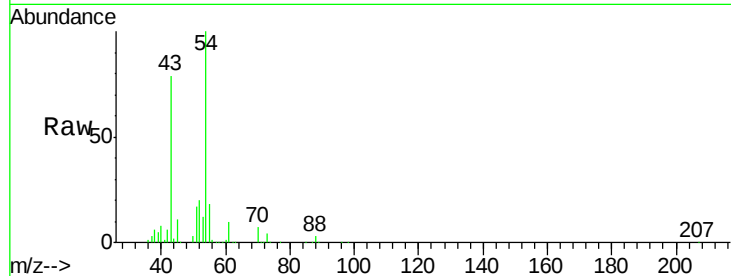
#37
Ethyl Acetate
Concen: 185.035 ug/l
RT: 6.88 min Scan# 1645
Delta R.T. 0.00 min
Lab File: VN061155.D
Acq: 27 Apr 2020 17:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.2	15.2
70	9.3	7.2	10.8

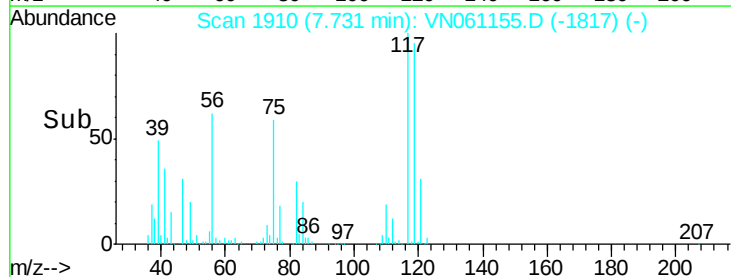
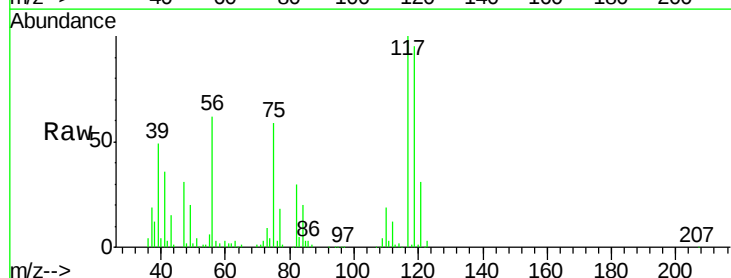
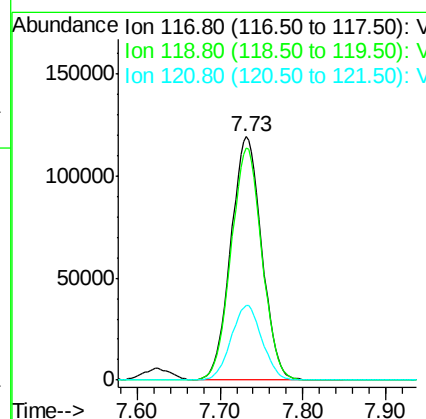
Manual Integrations
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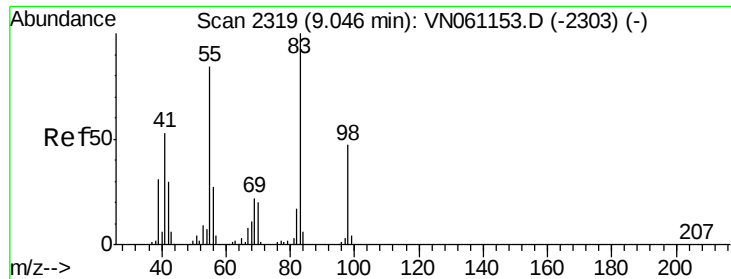
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#38
Carbon Tetrachloride
Concen: 166.896 ug/l
RT: 7.73 min Scan# 1910
Delta R.T. 0.00 min
Lab File: VN061155.D
Acq: 27 Apr 2020 17:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.8	113.6
121	30.7	24.7	37.1





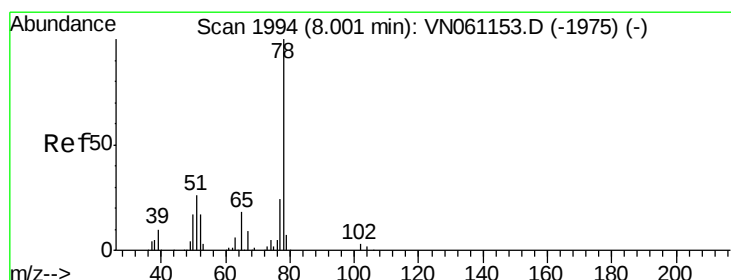
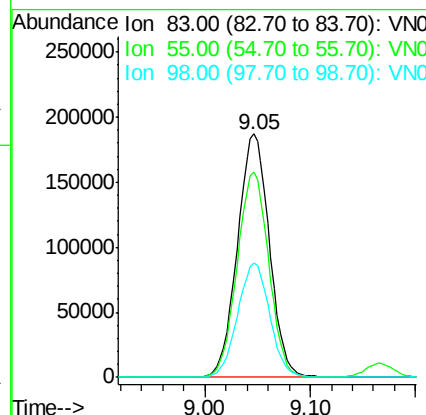
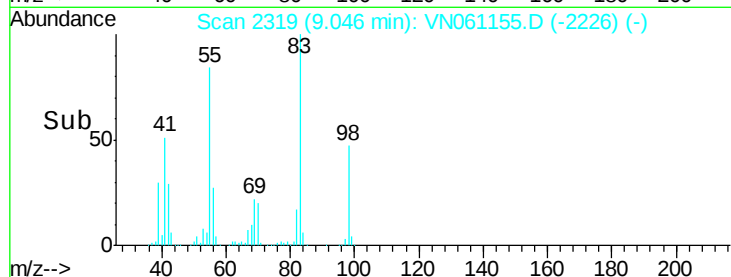
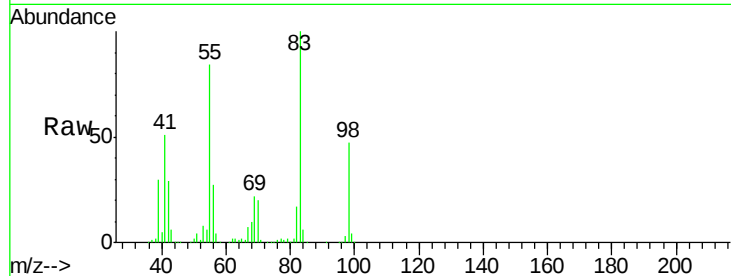
#39
Methvlcvclohexane
Concen: 153.435 ug/l
RT: 9.05 min Scan# 2319
Delta R.T. 0.00 min
Lab File: VN061155.D
Acq: 27 Apr 2020 17:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	84.2	67.3	100.9
98	46.9	37.7	56.5

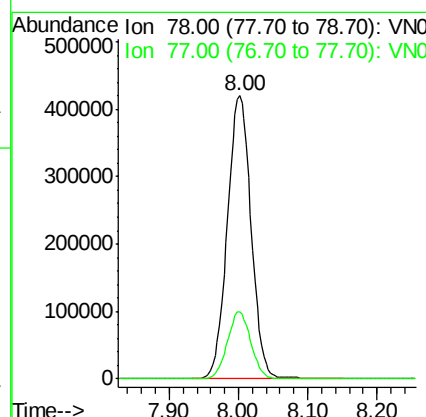
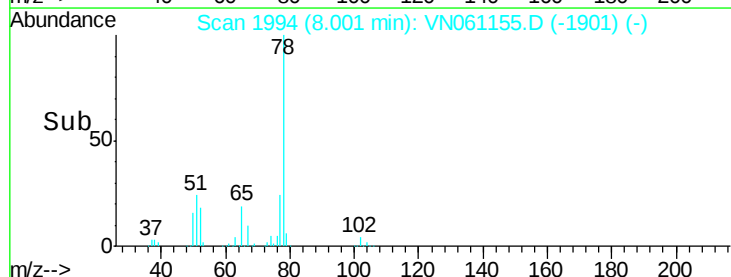
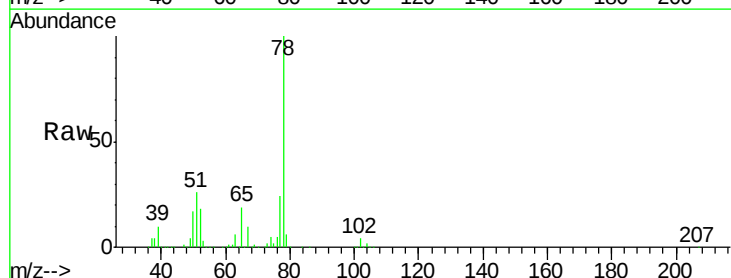
Manual Integrations
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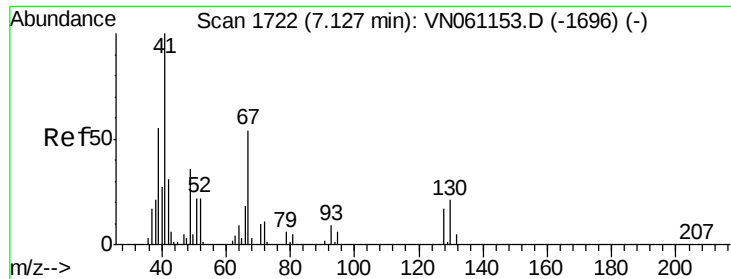
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#40
Benzene
Concen: 160.131 ug/l
RT: 8.00 min Scan# 1994
Delta R.T. 0.00 min
Lab File: VN061155.D
Acq: 27 Apr 2020 17:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.6





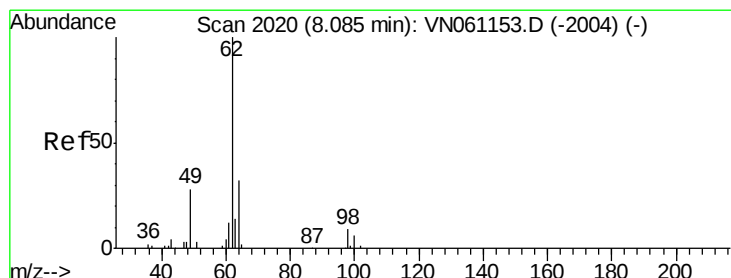
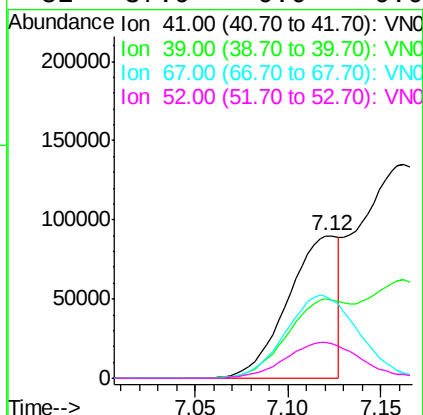
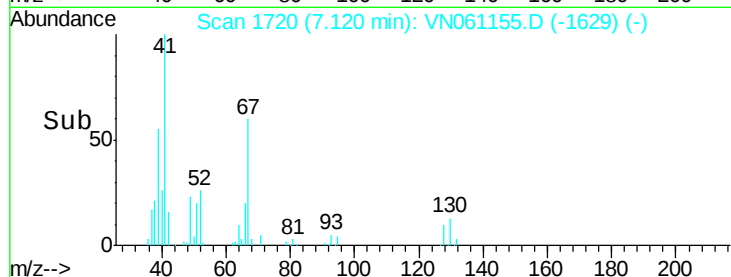
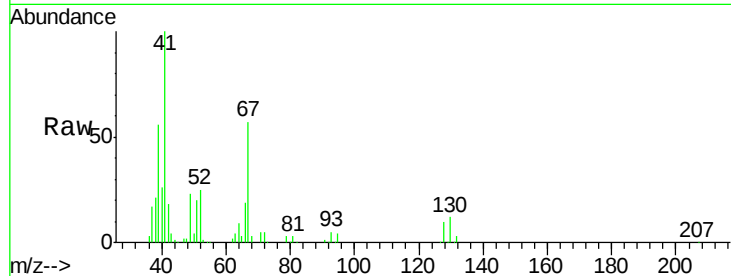
#41
Methacrylonitrile
Concen: 170.217 ug/l
RT: 7.12 min Scan# 1720
Delta R.T. -0.01 min
Lab File: VN061155.D
Acq: 27 Apr 2020 17:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	66.7	0.0	0.0#		
67	85.4	0.0	0.0#		
52	37.9	0.0	0.0#		

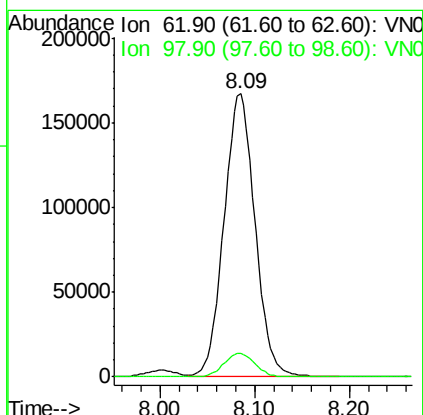
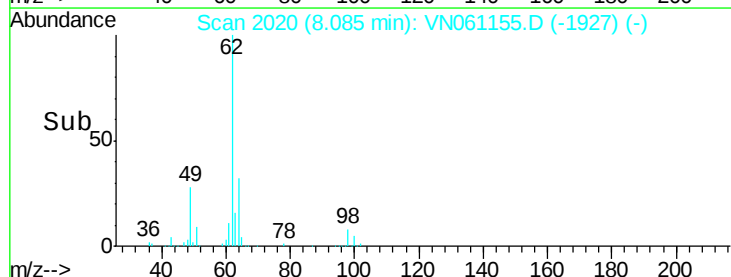
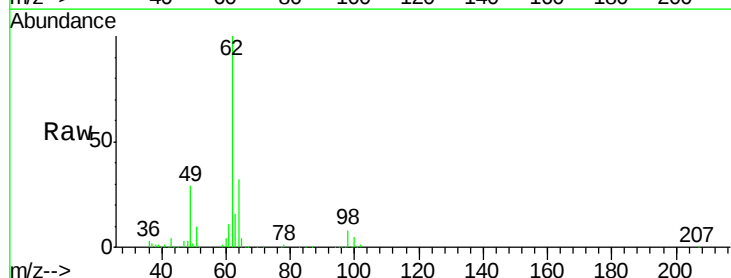
Manual Integrations
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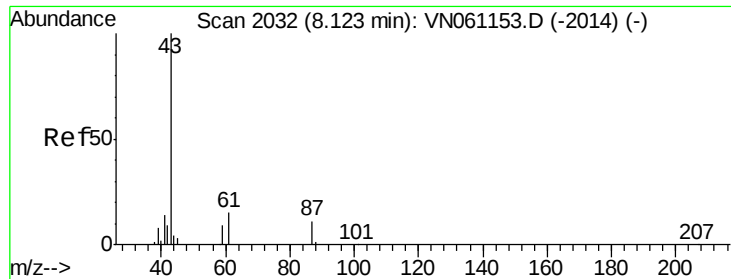
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#42
1,2-Dichloroethane
Concen: 167.103 ug/l
RT: 8.09 min Scan# 2020
Delta R.T. 0.00 min
Lab File: VN061155.D
Acq: 27 Apr 2020 17:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	8.4	0.0	16.8		





#43

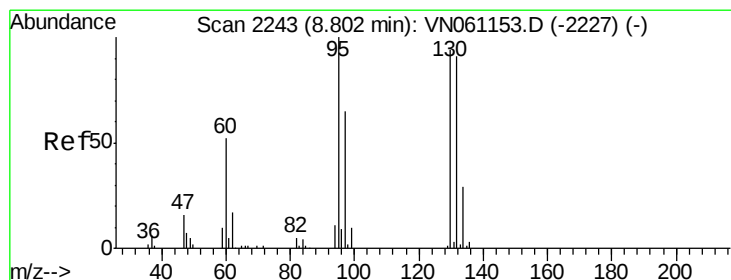
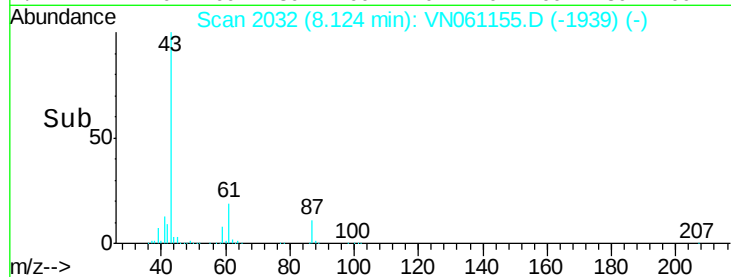
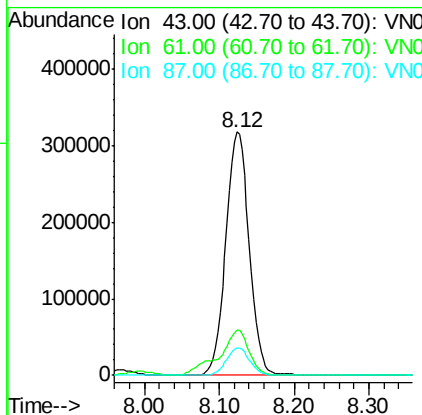
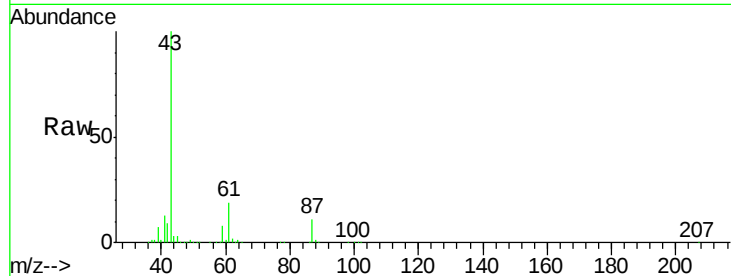
Isopropyl Acetate
 Concen: 185.490 ug/l
 RT: 8.12 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: VN061155.D
 Acq: 27 Apr 2020 17:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	24.1	19.5	29.3
87	11.3	8.9	13.3

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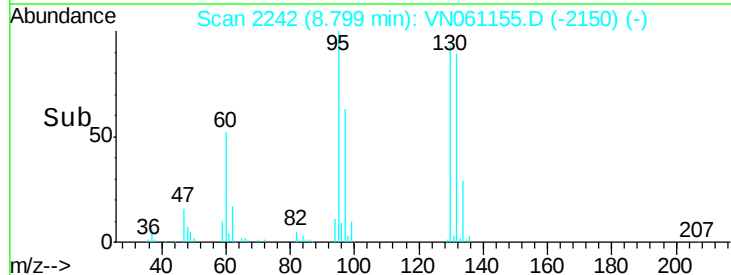
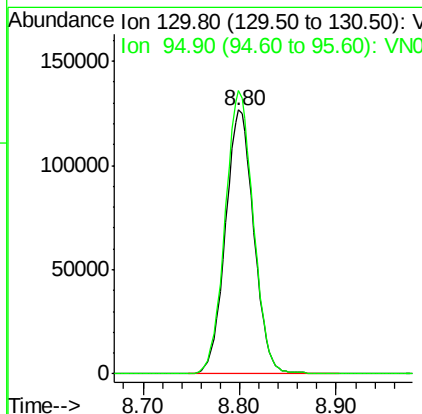
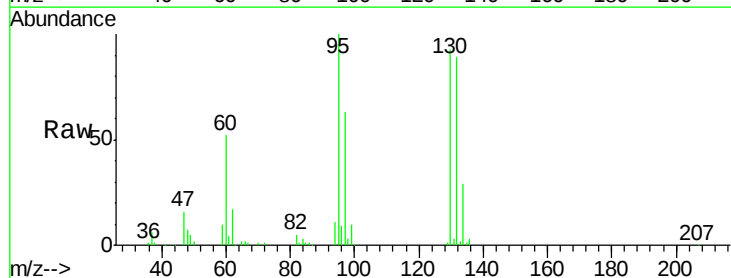
MMDadoda
 4/28/2020 8:14:43 PM



#44

Trichloroethene
 Concen: 143.270 ug/l
 RT: 8.80 min Scan# 2242
 Delta R.T. -0.00 min
 Lab File: VN061155.D
 Acq: 27 Apr 2020 17:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	107.3	0.0	212.4





#45

1,2-Dichloropropane

Concen: 160.381 ug/l

RT: 9.08 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VN061155.D

Acq: 27 Apr 2020 17:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 63 Resp: 267463

Ion Ratio Lower Upper

63 100

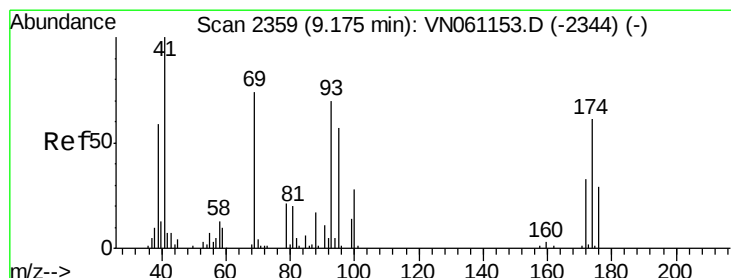
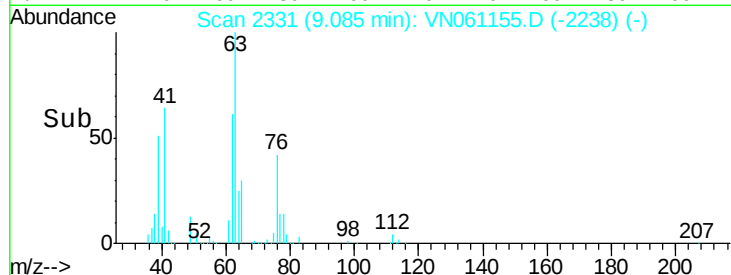
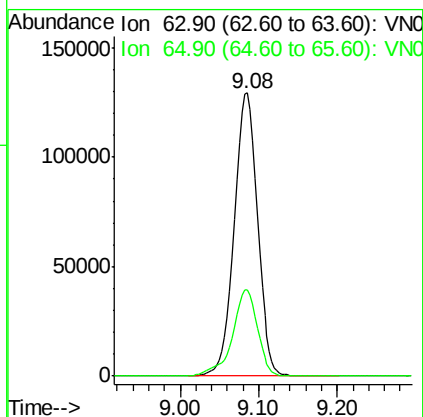
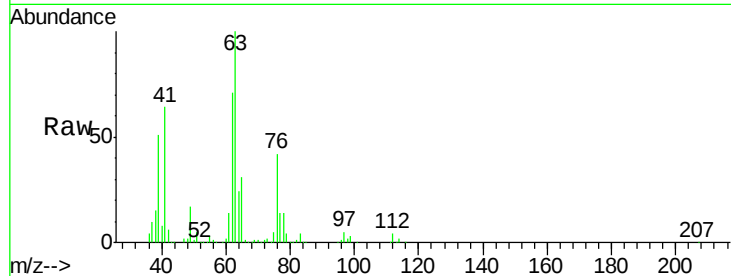
65 30.7 24.7 37.1

Manual Integrations

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4/28/2020 8:14:43 PM



#46

Dibromomethane

Concen: 161.338 ug/l

RT: 9.18 min Scan# 2359

Delta R.T. 0.00 min

Lab File: VN061155.D

Acq: 27 Apr 2020 17:58

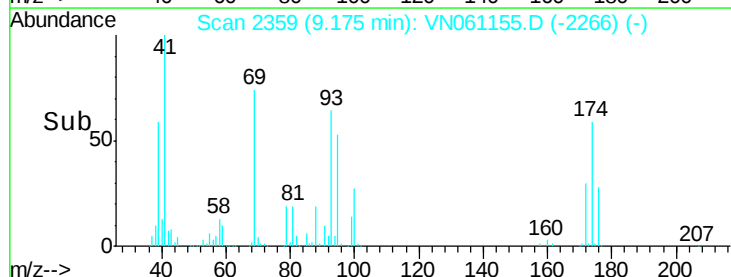
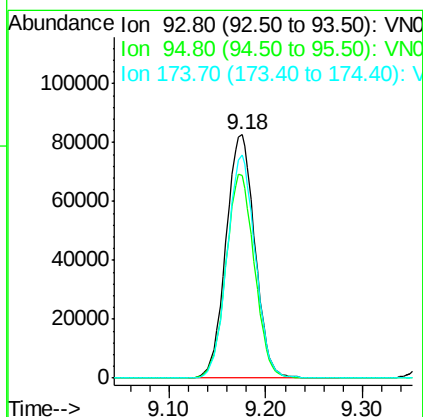
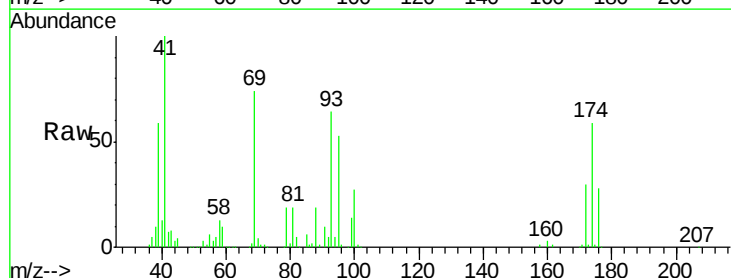
Tgt Ion: 93 Resp: 171449

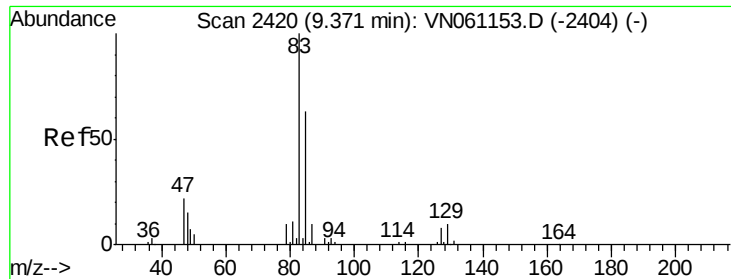
Ion Ratio Lower Upper

93 100

95 82.6 66.6 99.8

174 89.4 70.2 105.2





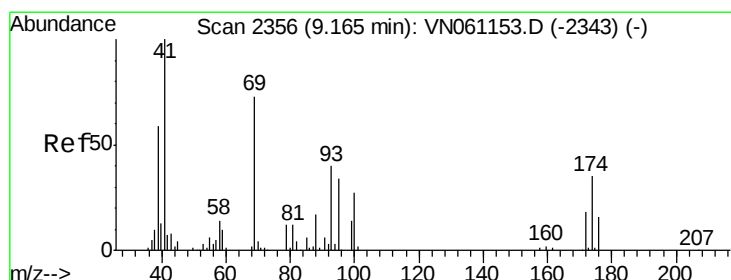
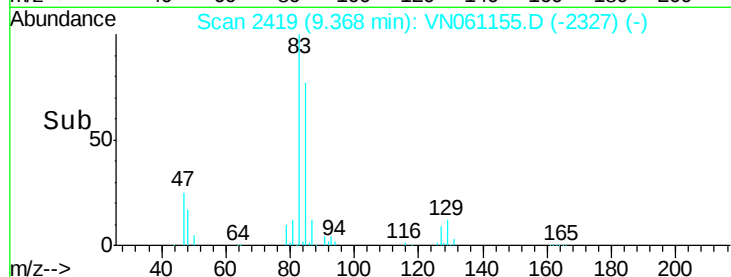
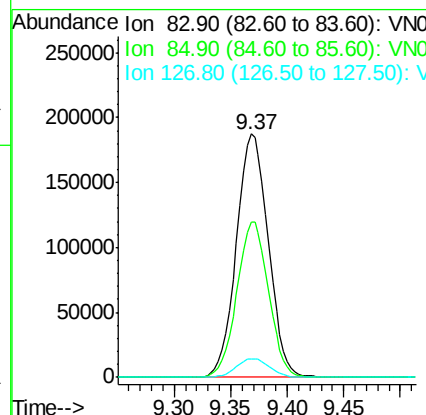
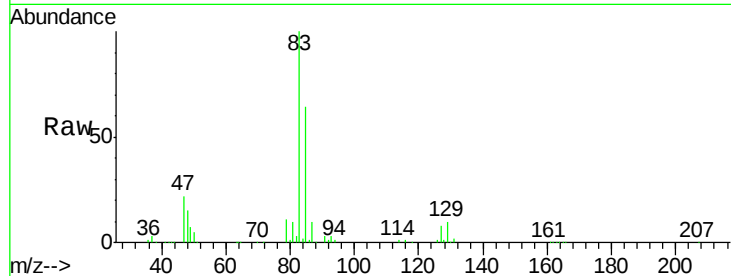
#47
Bromodichloromethane
Concen: 174.014 ug/l
RT: 9.37 min Scan# 2419
Delta R.T. -0.00 min
Lab File: VN061155.D
Acq: 27 Apr 2020 17:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	83	Resp	367759
Ion Ratio	100	Lower	Upper
83	100		
85	63.8	50.4	75.6
127	7.8	6.2	9.2

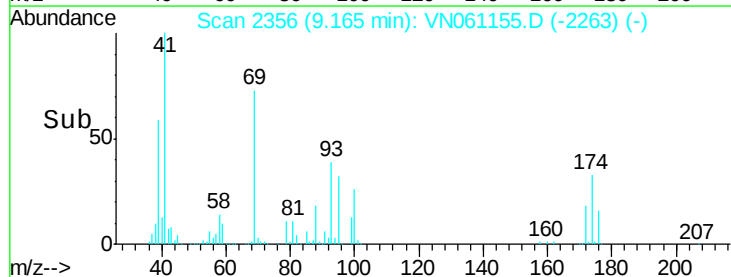
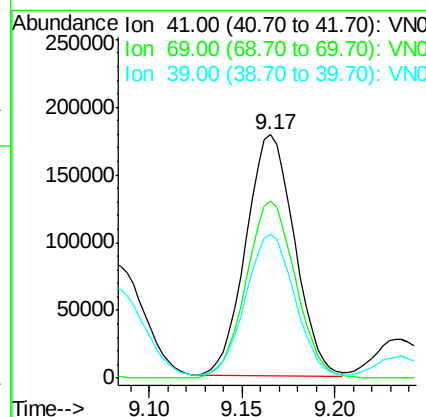
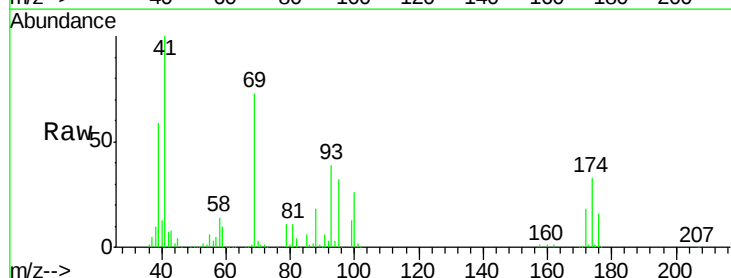
Manual Integrations
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#48
Methyl methacrylate
Concen: 186.595 ug/l
RT: 9.17 min Scan# 2356
Delta R.T. 0.00 min
Lab File: VN061155.D
Acq: 27 Apr 2020 17:58

Tgt Ion	41	Resp	322847
Ion Ratio	100	Lower	Upper
41	100		
69	75.2	60.3	90.5
39	61.3	47.4	71.0





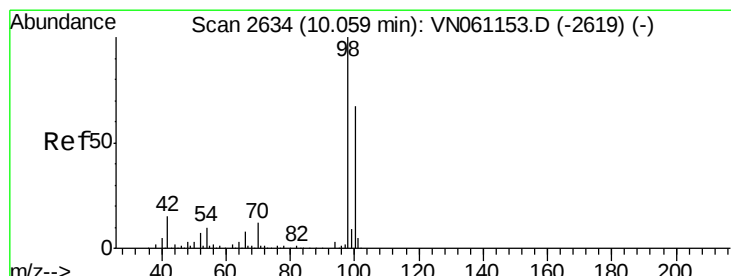
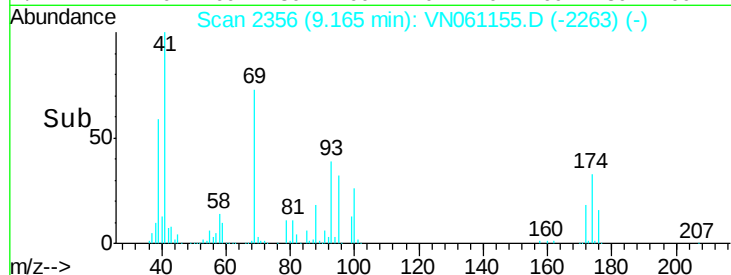
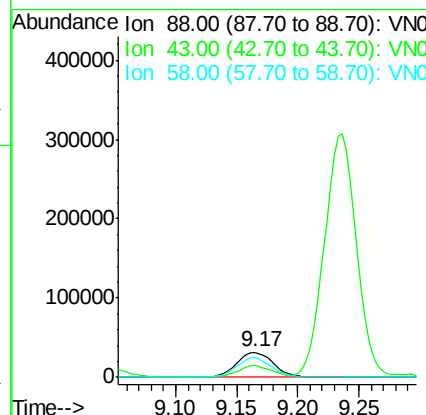
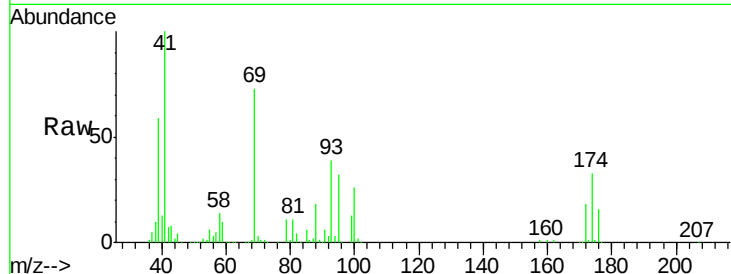
#49
1,4-Dioxane
Concen: 2608.815 ug/l
RT: 9.17 min Scan# 2356
Delta R.T. 0.00 min
Lab File: VN061155.D
Acq: 27 Apr 2020 17:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	88	Resp	66044
Ion Ratio	Lower	Upper	
88	100		
43	42.4	35.3	52.9
58	75.0	61.5	92.3

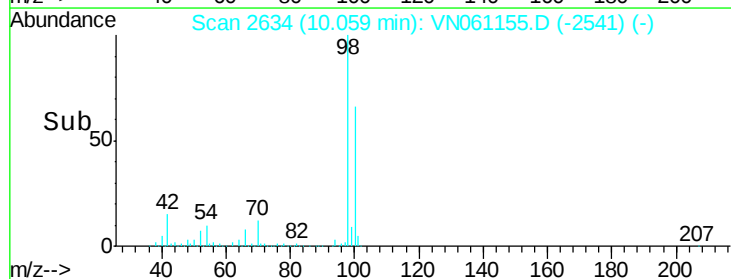
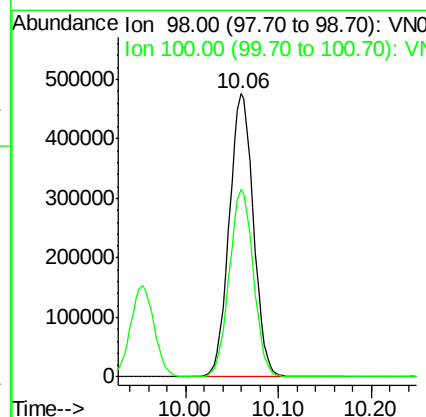
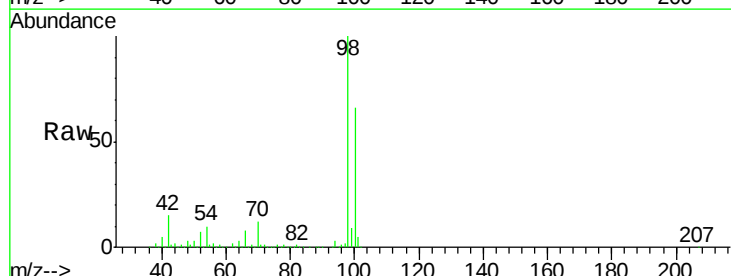
Manual Integrations
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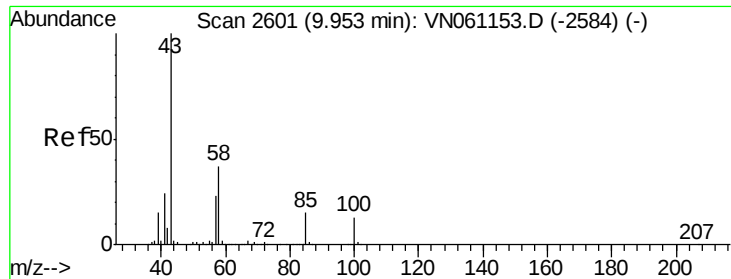
MMDadoda
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#50
Toluene-d8
Concen: 163.283 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061155.D
Acq: 27 Apr 2020 17:58

Tgt Ion	98	Resp	860523
Ion Ratio	Lower	Upper	
98	100		
100	66.3	53.4	80.0





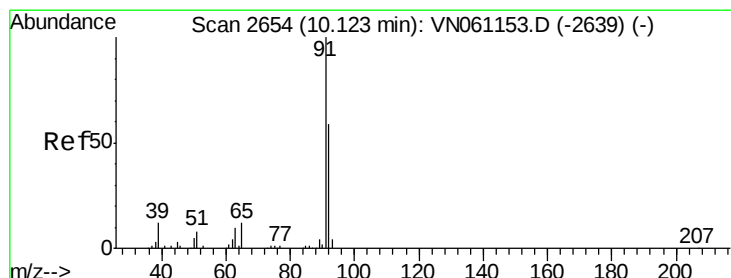
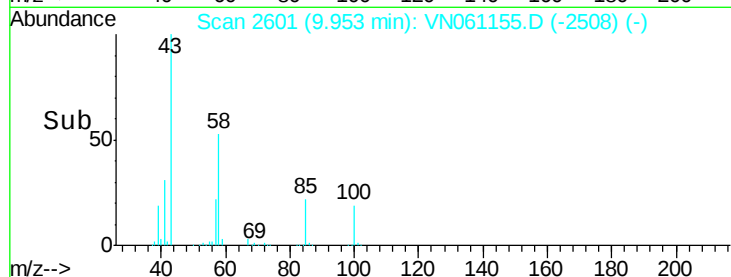
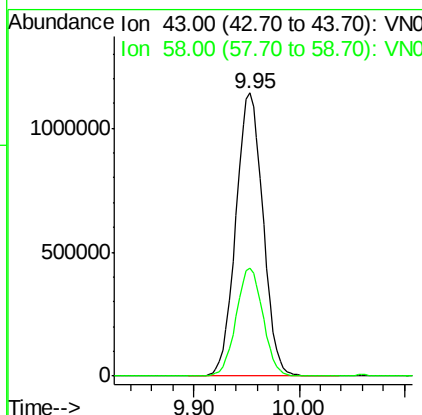
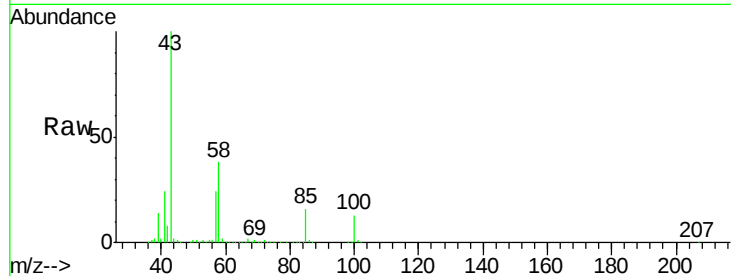
#51
4-Methyl-2-Pentanone
Concen: 941.393 ug/l
RT: 9.95 min Scan# 2601
Delta R.T. 0.00 min
Lab File: VN061155.D
Acq: 27 Apr 2020 17:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 2035535
Ion Ratio Lower Upper
43 100
58 37.7 29.1 43.7

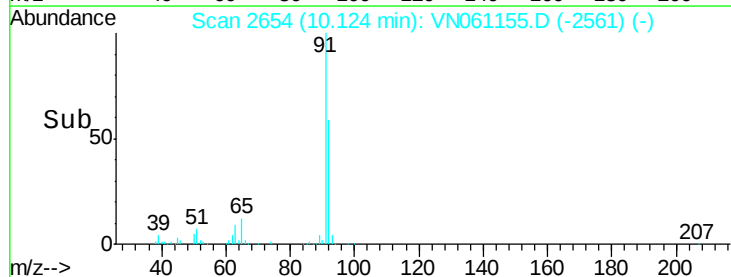
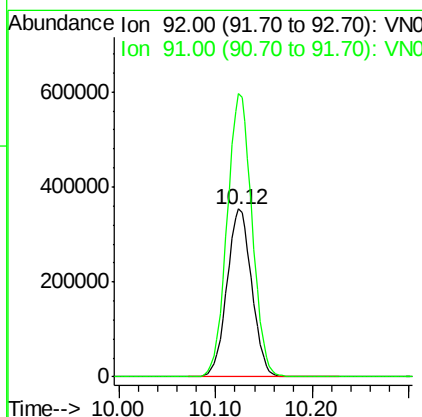
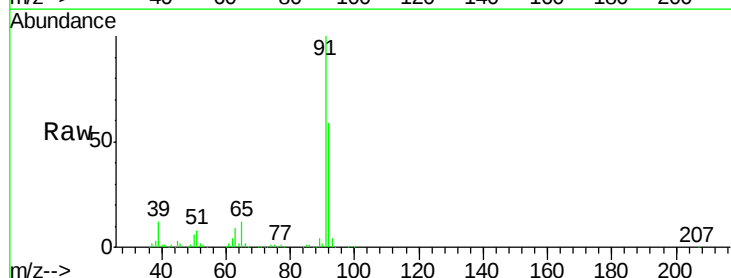
Manual Integrations
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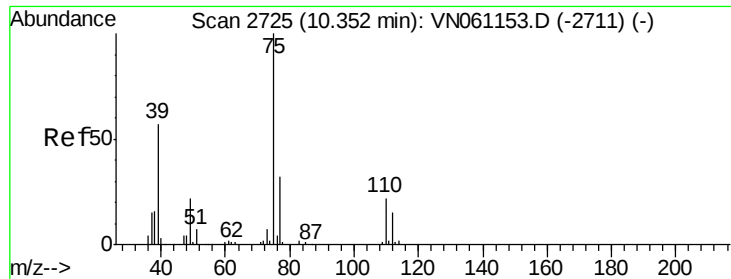
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#52
Toluene
Concen: 160.522 ug/l
RT: 10.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VN061155.D
Acq: 27 Apr 2020 17:58

Tgt Ion: 92 Resp: 629276
Ion Ratio Lower Upper
92 100
91 169.9 136.2 204.2





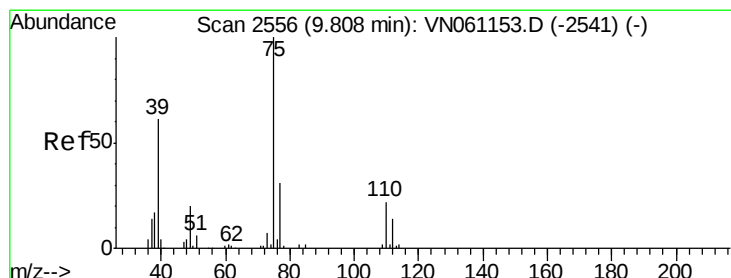
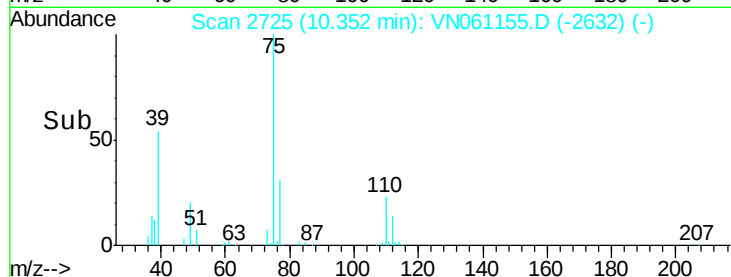
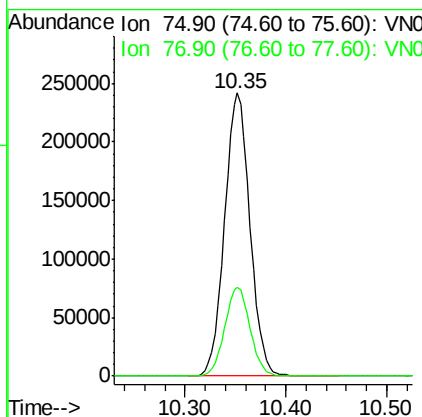
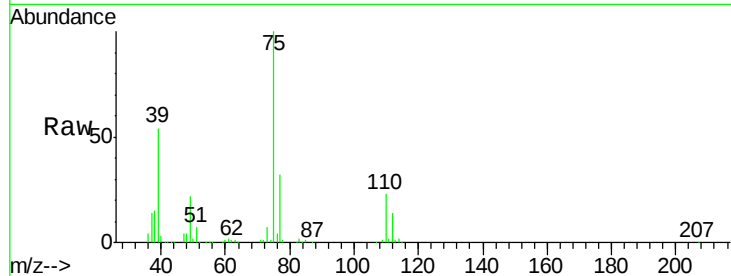
#53
t-1,3-Dichloropropene
Concen: 165.332 ug/l
RT: 10.35 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VN061155.D
Acq: 27 Apr 2020 17:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.5	38.3

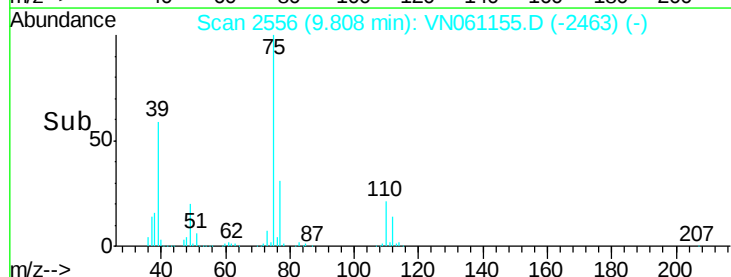
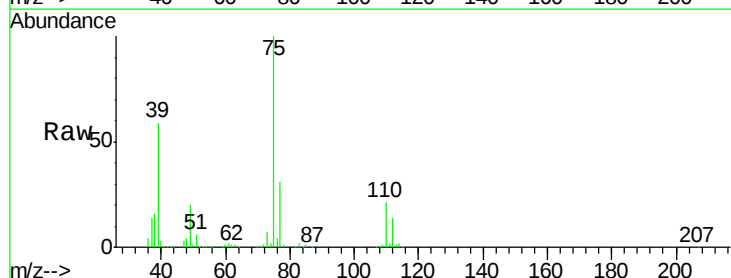
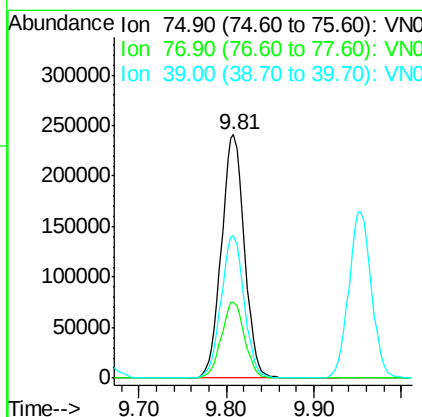
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#54
cis-1,3-Dichloropropene
Concen: 165.160 ug/l
RT: 9.81 min Scan# 2556
Delta R.T. 0.00 min
Lab File: VN061155.D
Acq: 27 Apr 2020 17:58

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.0	37.4
39	58.5	48.7	73.1





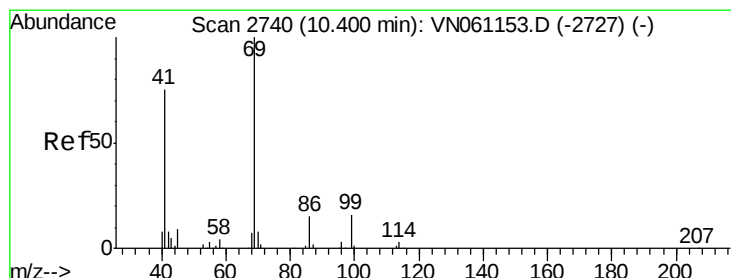
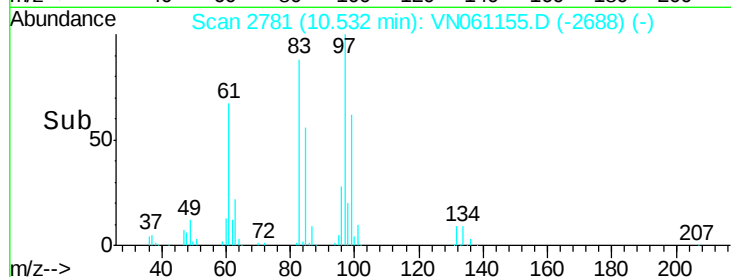
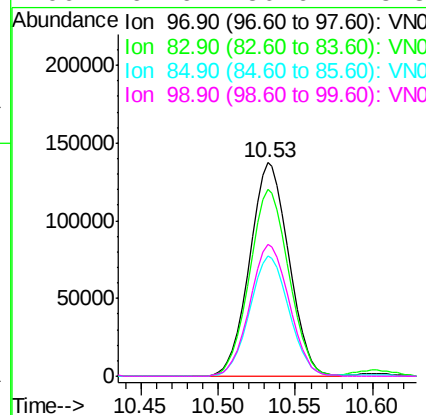
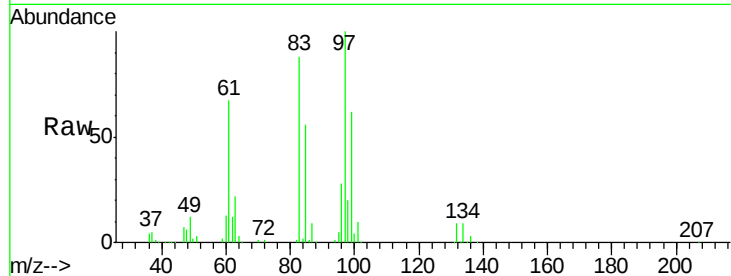
#55
 1,1,2-Trichloroethane
 Concen: 160.622 ug/l
 RT: 10.53 min Scan# 2781
 Delta R.T. 0.00 min
 Lab File: VN061155.D
 Acq: 27 Apr 2020 17:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion:	97	Resp:	242763
Ion	Ratio	Lower	Upper
97	100		
83	87.6	70.6	106.0
85	56.2	46.4	69.6
99	61.6	50.6	75.8

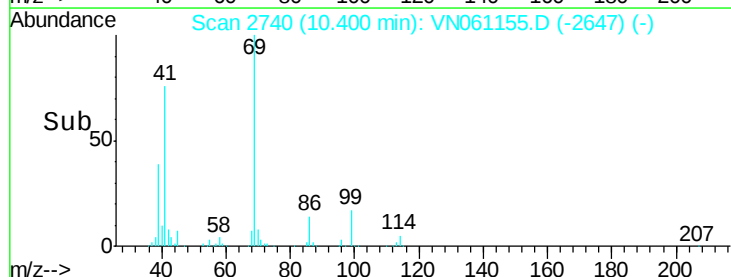
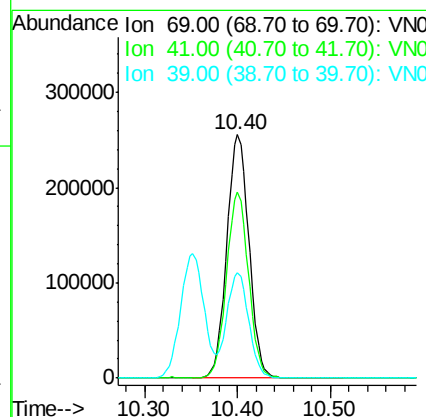
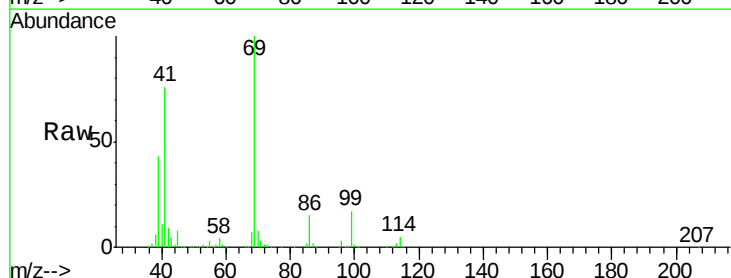
Manual Integrations
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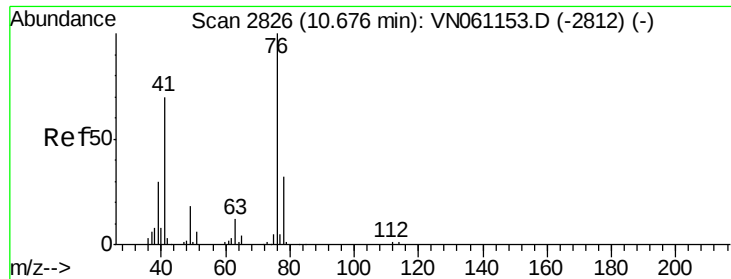
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#56
 Ethyl methacrylate
 Concen: 182.967 ug/l
 RT: 10.40 min Scan# 2740
 Delta R.T. 0.00 min
 Lab File: VN061155.D
 Acq: 27 Apr 2020 17:58

Tgt Ion:	69	Resp:	423536
Ion	Ratio	Lower	Upper
69	100		
41	75.6	60.3	90.5
39	42.7	35.9	53.9





#57

1,3-Dichloropropane

Concen: 167.285 ug/l

RT: 10.68 min Scan# 2827

Delta R.T. 0.00 min

Lab File: VN061155.D

Acq: 27 Apr 2020 17:58

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

Tot Ion: 76 Resp: 433883

Ion Ratio Lower Upper

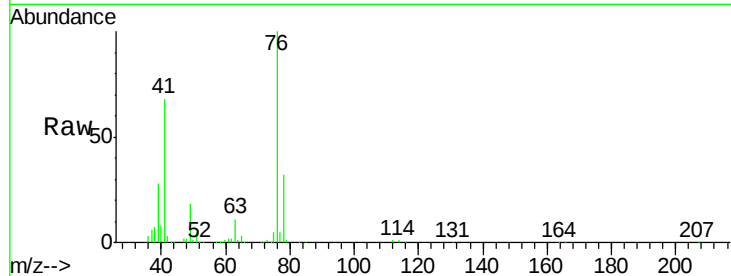
76 100

78 32.1 25.5 38.3

Manual Integrations
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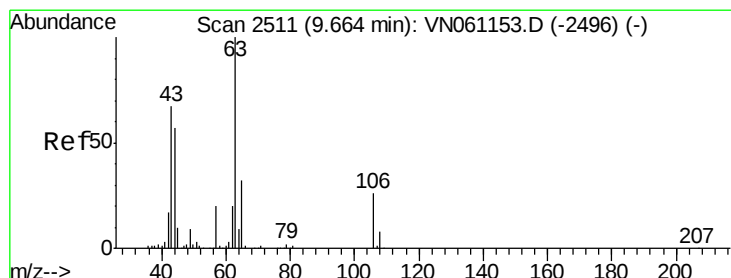
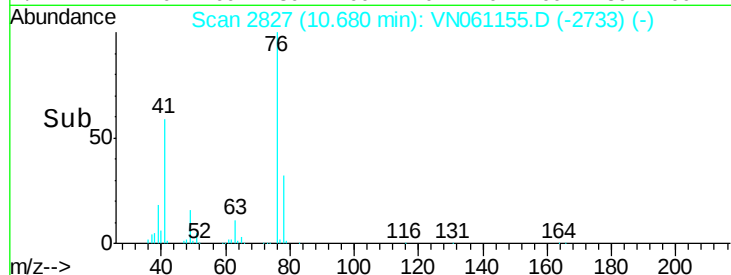
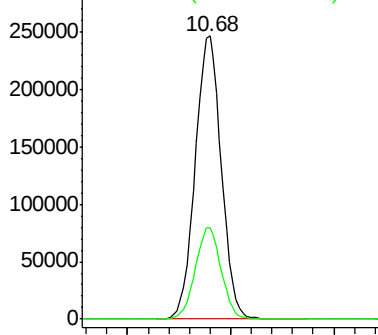
MMDadoda

4/28/2020 8:14:43 PM



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 899.025 ug/l

RT: 9.66 min Scan# 2511

Delta R.T. 0.00 min

Lab File: VN061155.D

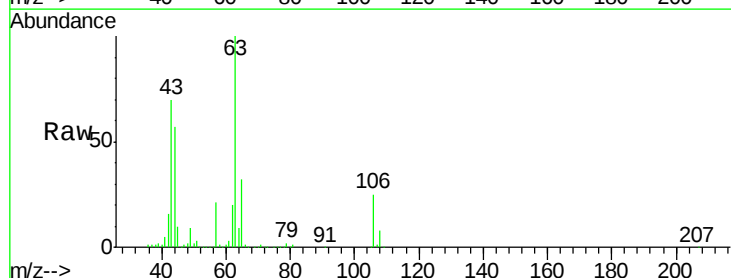
Acq: 27 Apr 2020 17:58

Tgt Ion: 63 Resp: 1073572

Ion Ratio Lower Upper

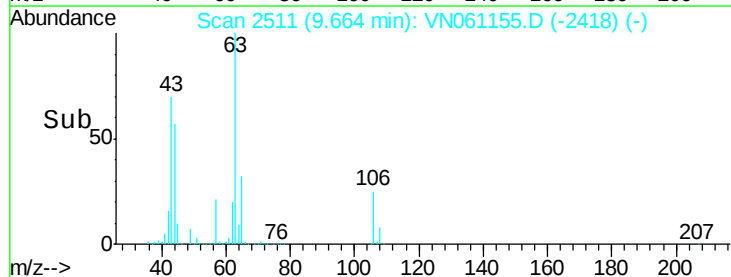
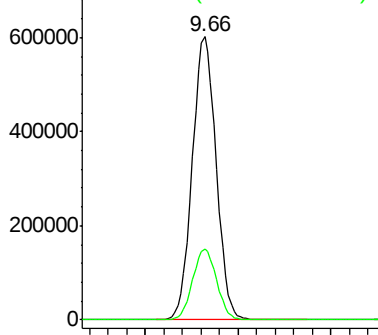
63 100

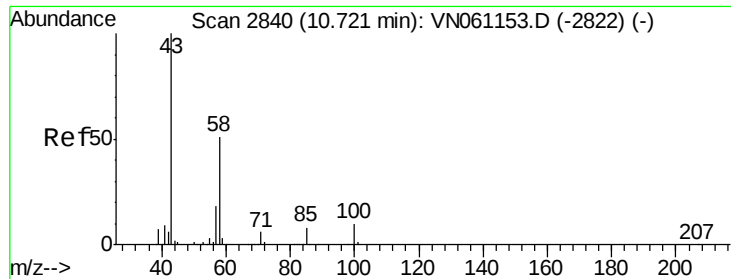
106 25.2 20.6 30.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





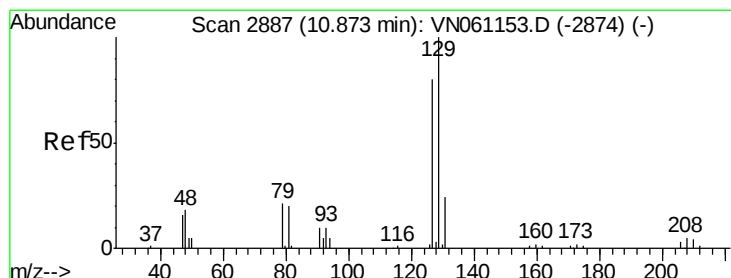
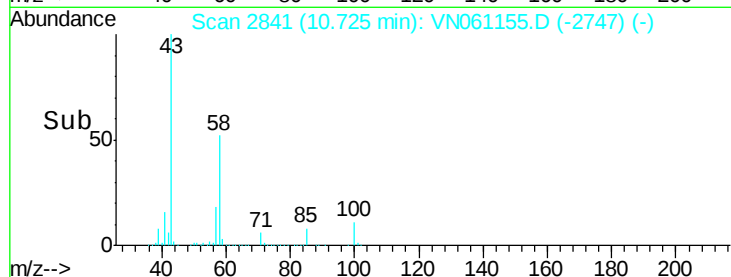
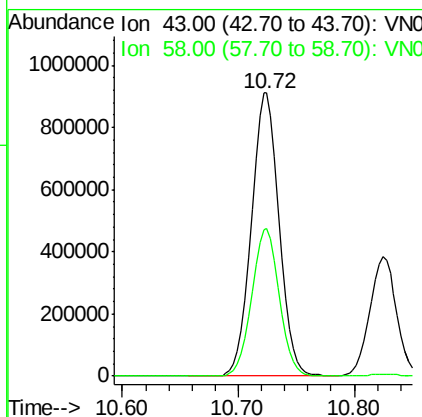
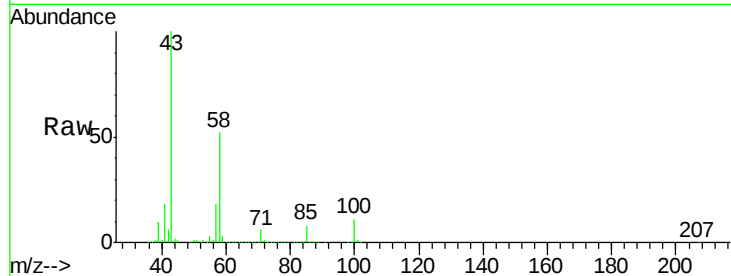
#59
2-Hexanone
Concen: 953.213 ug/l
RT: 10.72 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN061155.D
Acq: 27 Apr 2020 17:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1520891
Ion Ratio Lower Upper
43 100
58 51.9 25.4 76.4

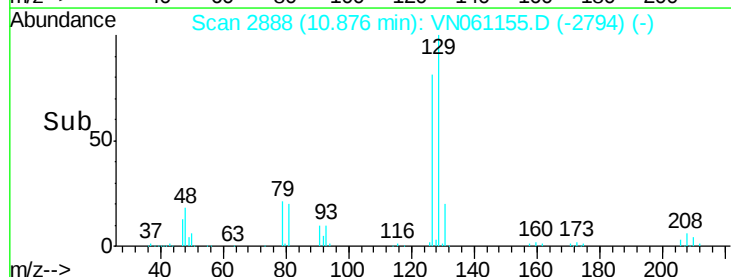
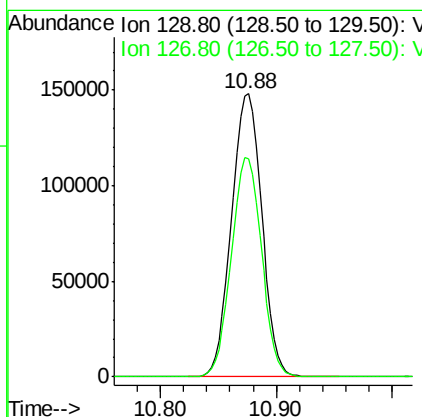
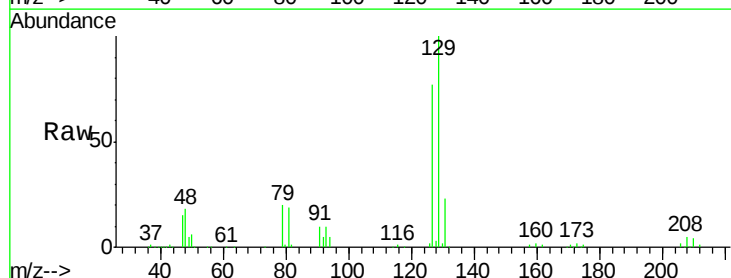
Manual Integrations
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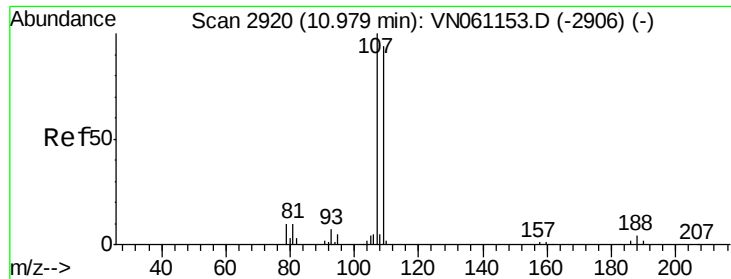
MMDadoda
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#60
Dibromochloromethane
Concen: 170.234 ug/l
RT: 10.88 min Scan# 2888
Delta R.T. 0.00 min
Lab File: VN061155.D
Acq: 27 Apr 2020 17:58

Tgt Ion: 129 Resp: 268955
Ion Ratio Lower Upper
129 100
127 77.0 39.3 117.8





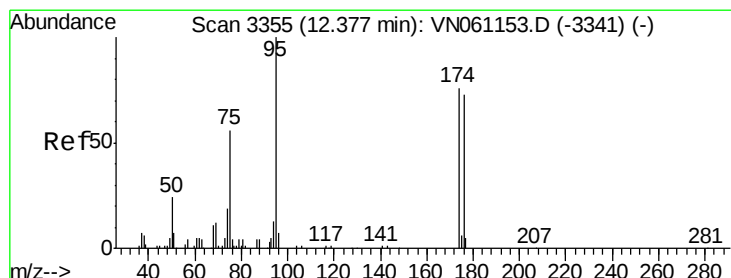
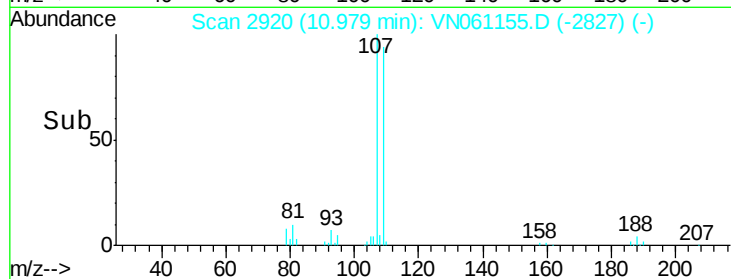
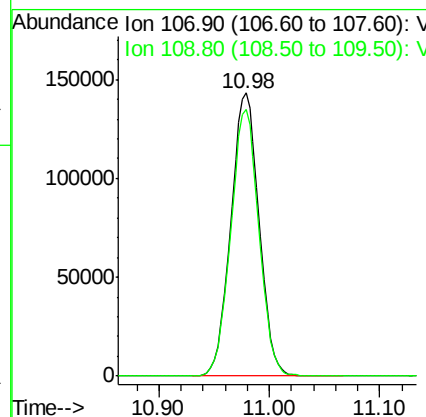
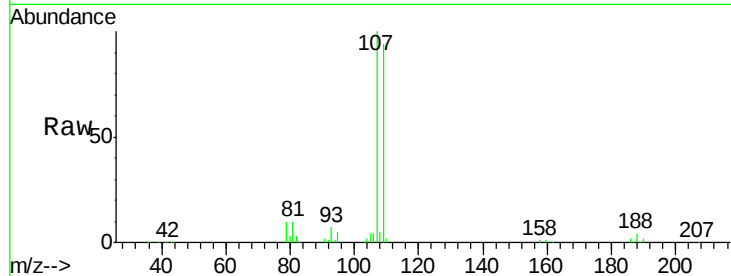
#61
 1,2-Dibromoethane
 Concen: 162.932 ug/l
 RT: 10.98 min Scan# 2920
 Delta R.T. 0.00 min
 Lab File: VN061155.D
 Acq: 27 Apr 2020 17:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
107	100	253301		
109	94.2	74.8	112.2	

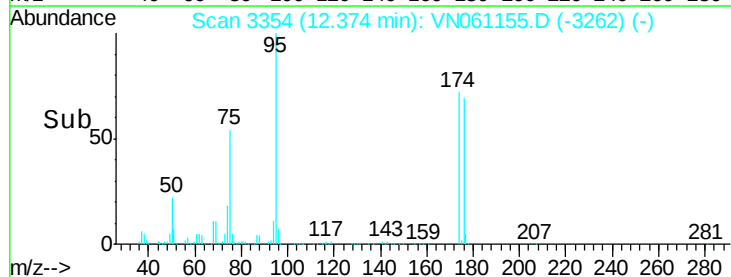
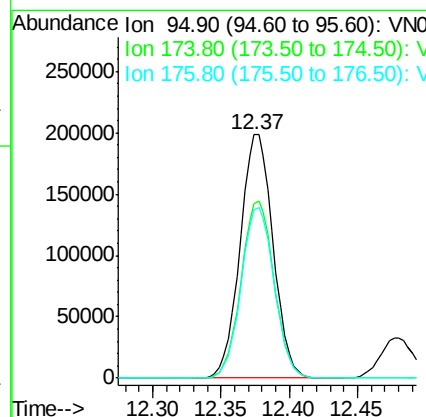
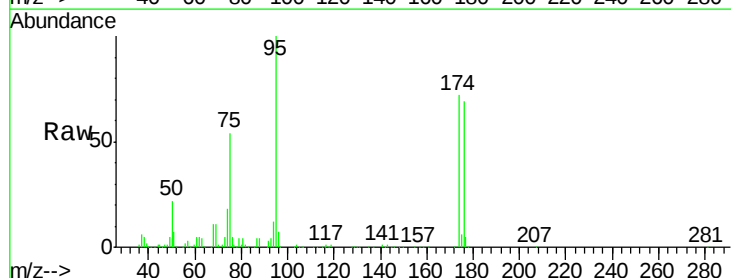
Manual Integrations
 APPROVED

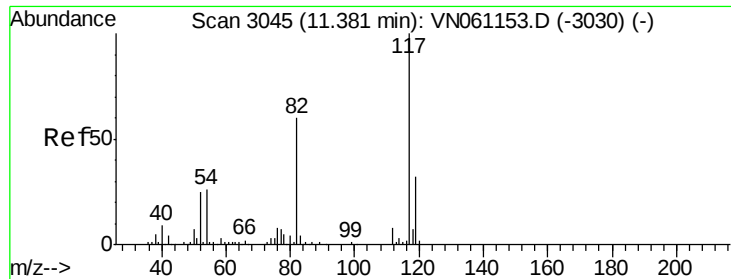
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 168.503 ug/l
 RT: 12.37 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VN061155.D
 Acq: 27 Apr 2020 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	332733		
174	72.8	0.0	149.4	
176	70.0	0.0	144.8	





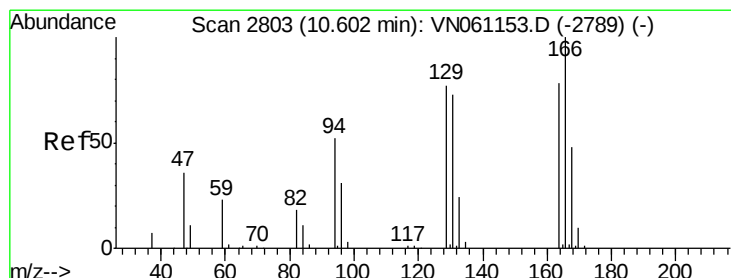
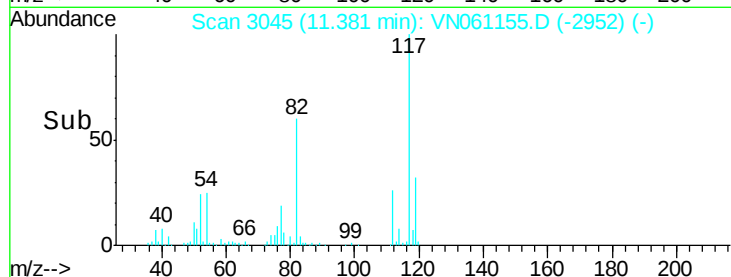
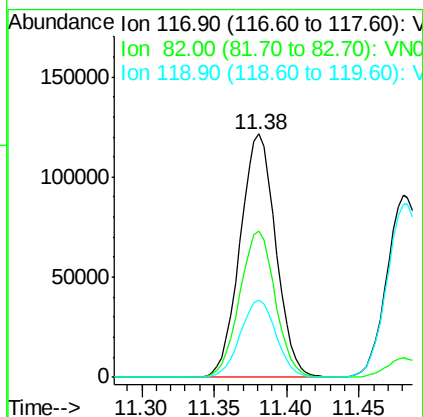
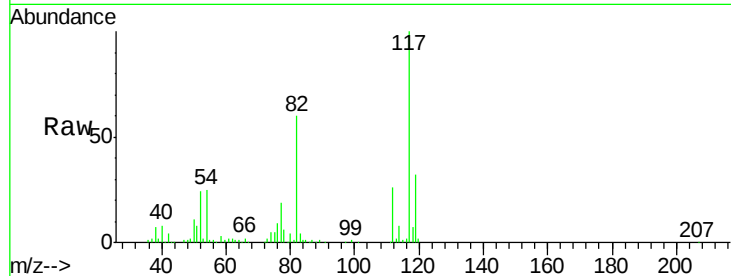
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061155.D
Acq: 27 Apr 2020 17:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
117	100	208474		
82	60.1	47.8	71.8	
119	31.7	25.8	38.6	

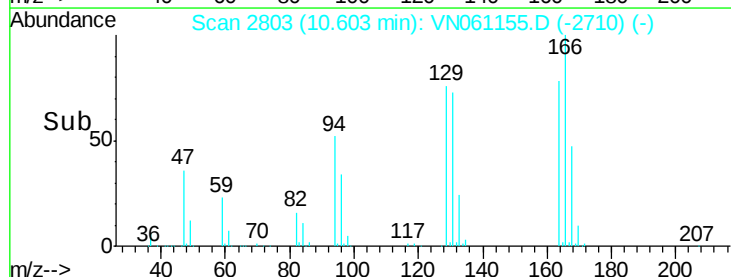
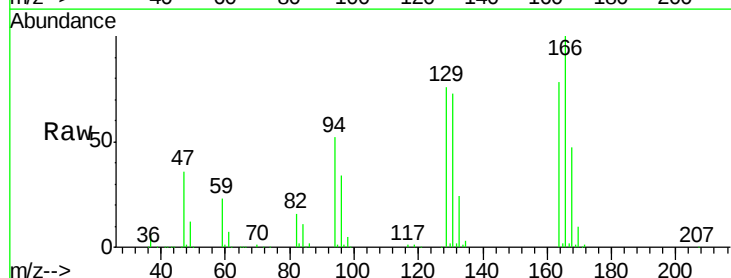
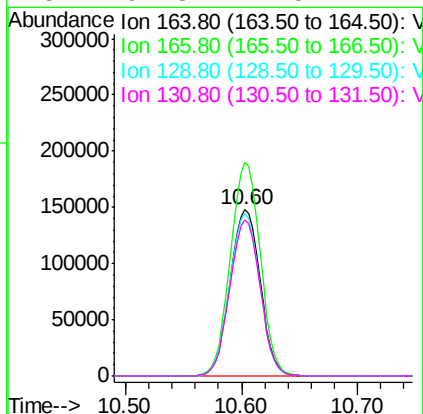
Manual Integrations
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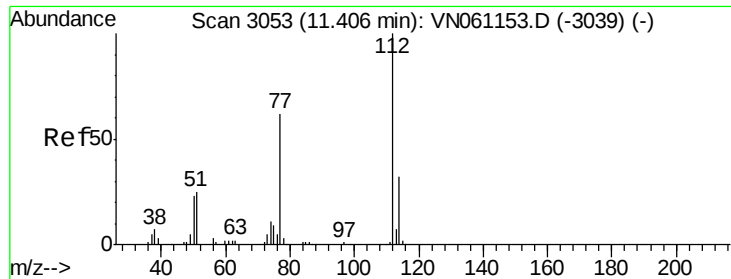
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#64
Tetrachloroethene
Concen: 127.853 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061155.D
Acq: 27 Apr 2020 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	265716		
166	128.5	102.0	153.0	
129	98.1	78.2	117.2	
131	94.3	74.5	111.7	





#65

Chlorobenzene

Concen: 151.466 ug/l

RT: 11.41 min Scan# 3053

Delta R.T. 0.00 min

Lab File: VN061155.D

Acq: 27 Apr 2020 17:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:112 Resp: 636909

Ion Ratio Lower Upper

112 100

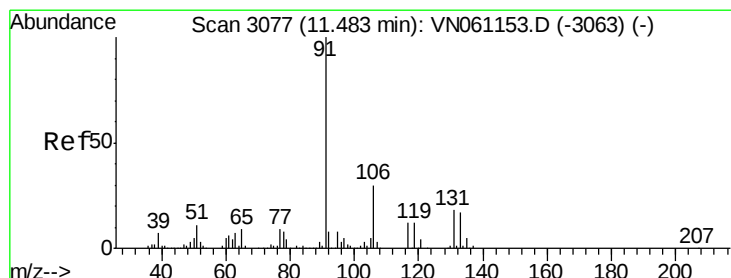
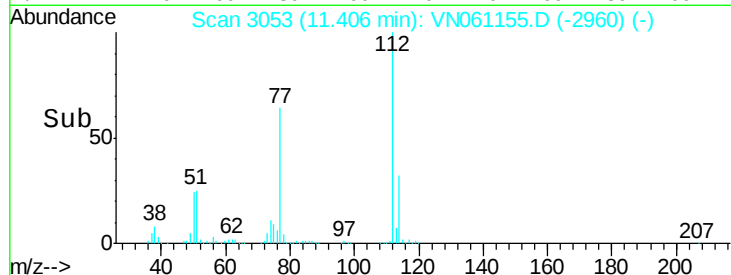
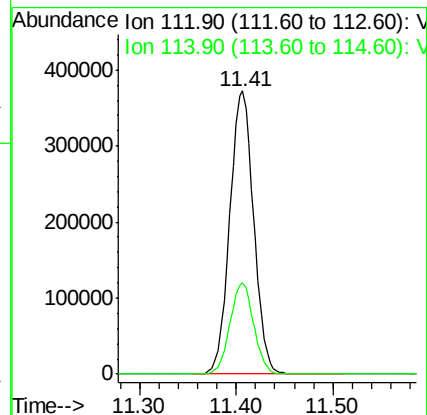
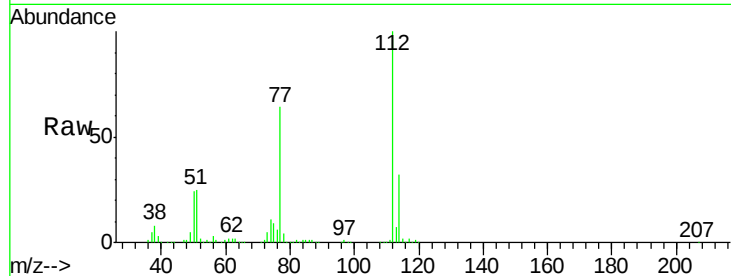
114 32.2 25.4 38.2

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 157.053 ug/l

RT: 11.48 min Scan# 3076

Delta R.T. -0.00 min

Lab File: VN061155.D

Acq: 27 Apr 2020 17:58

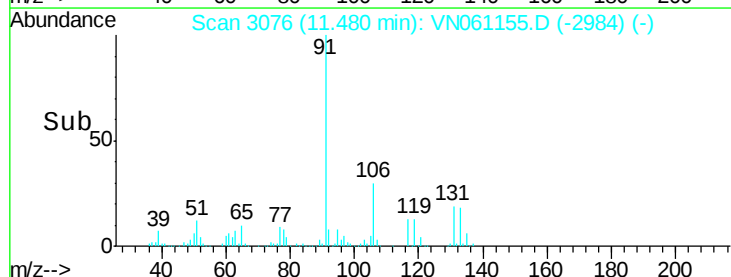
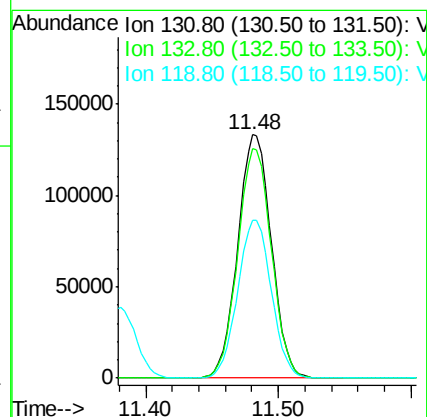
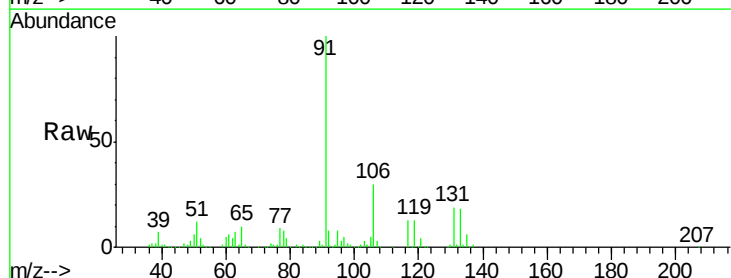
Tgt Ion:131 Resp: 234179

Ion Ratio Lower Upper

131 100

133 94.8 48.0 144.2

119 65.1 32.6 97.8





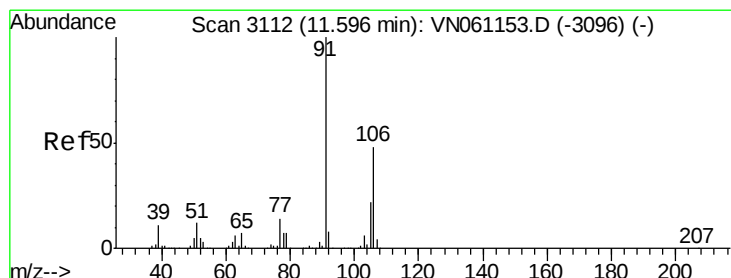
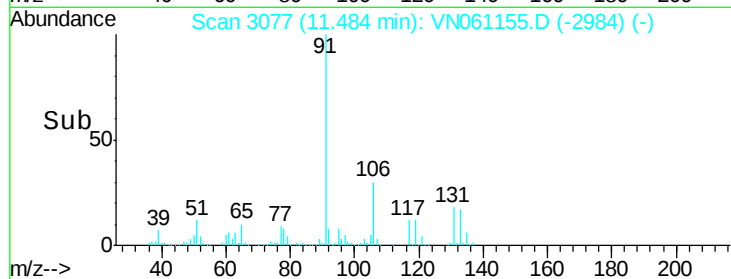
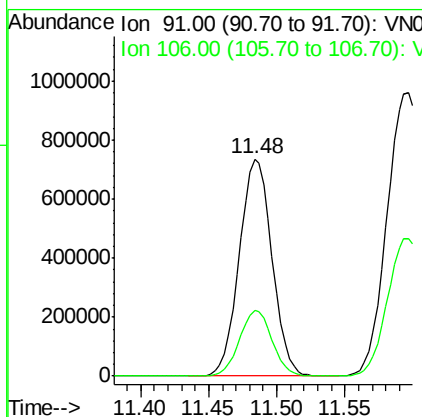
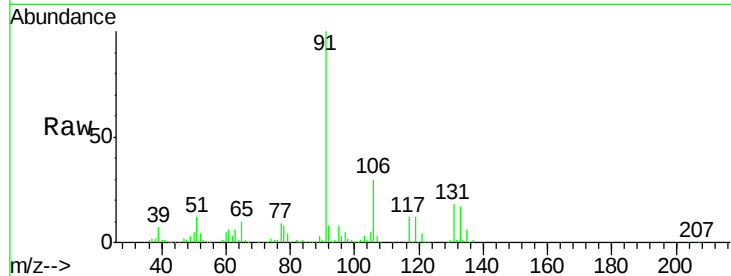
#67
Ethyl Benzene
Concen: 155.858 ug/l
RT: 11.48 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VN061155.D
Acq: 27 Apr 2020 17:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 1225202
Ion Ratio Lower Upper
91 100
106 30.2 23.8 35.6

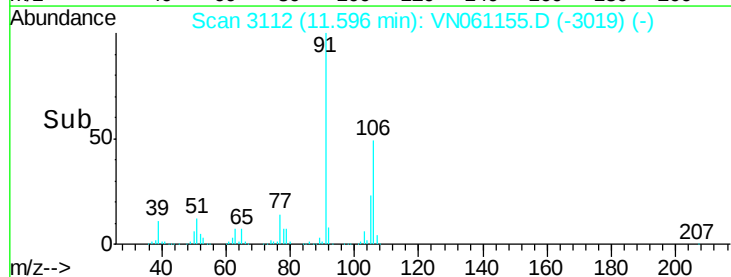
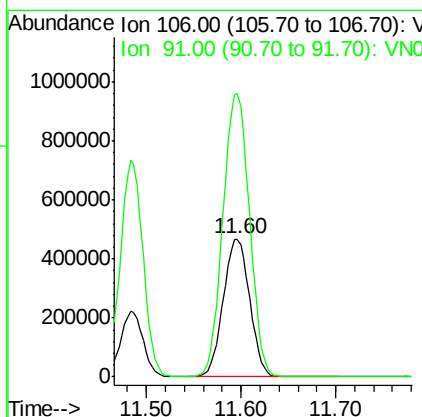
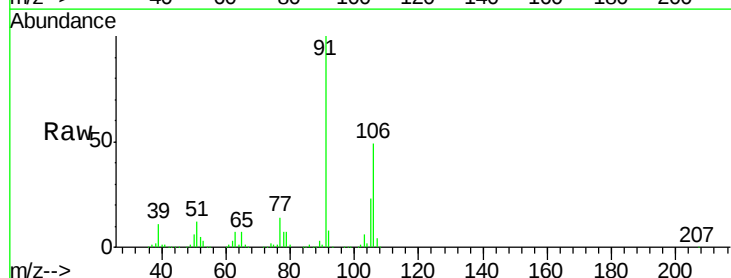
Manual Integrations
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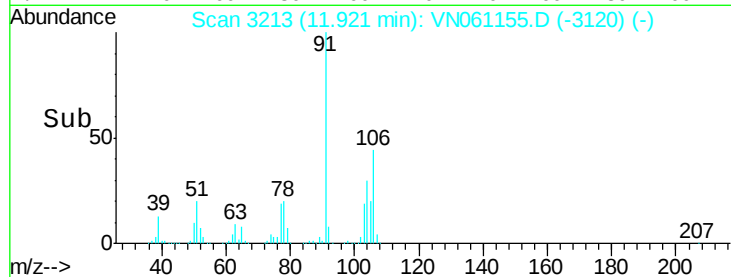
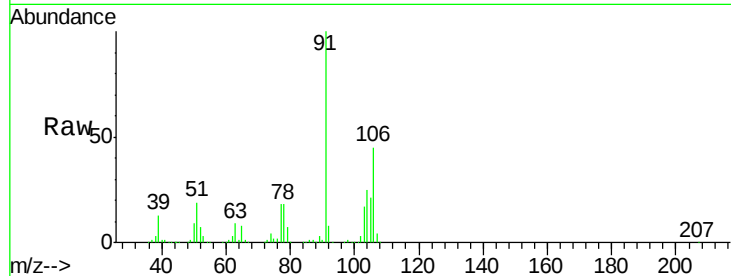
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#68
m/p-Xylenes
Concen: 309.213 ug/l
RT: 11.60 min Scan# 3112
Delta R.T. 0.00 min
Lab File: VN061155.D
Acq: 27 Apr 2020 17:58

Tgt Ion: 106 Resp: 905119
Ion Ratio Lower Upper
106 100
91 207.1 166.4 249.6





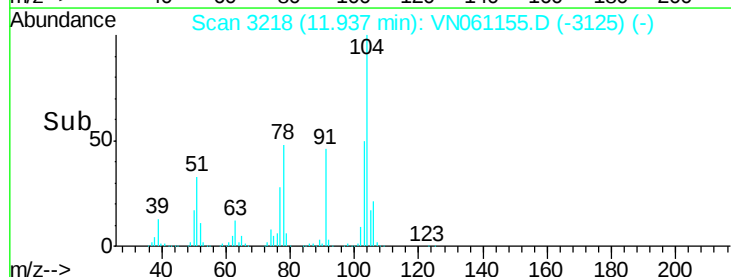
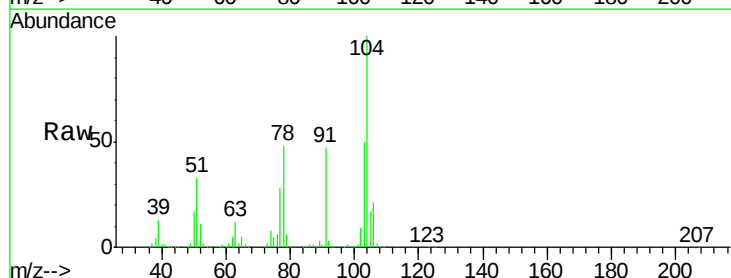
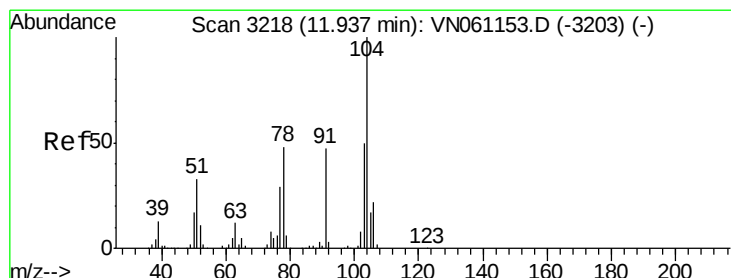
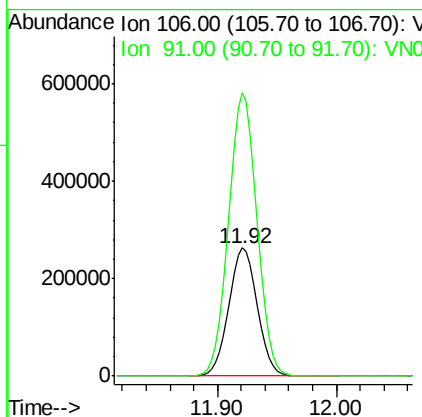
#69
o-Xylene
Concen: 153.868 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061155.D
Acq: 27 Apr 2020 17:58

Tot Ion:106 Resp: 434611
Ion Ratio Lower Upper
106 100
91 220.9 109.7 329.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

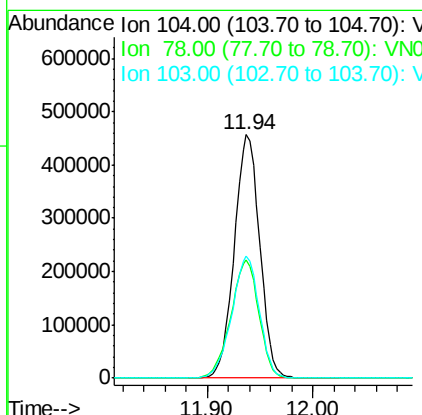
Manual Integrations
APPROVED

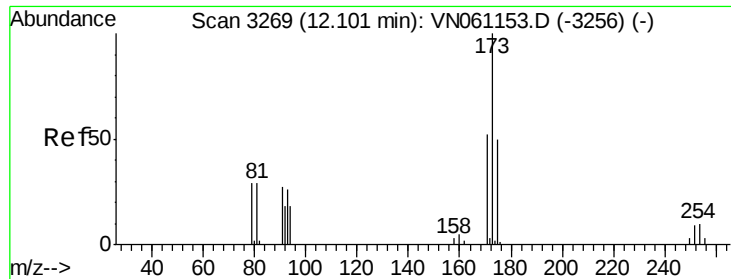
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#70
Styrene
Concen: 166.109 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061155.D
Acq: 27 Apr 2020 17:58

Tgt Ion:104 Resp: 762557
Ion Ratio Lower Upper
104 100
78 53.2 42.1 63.1
103 54.1 43.3 64.9





#71

Bromoform

Concen: 167.333 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061155.D

Acq: 27 Apr 2020 17:58

Instrument :

MSVOA_N

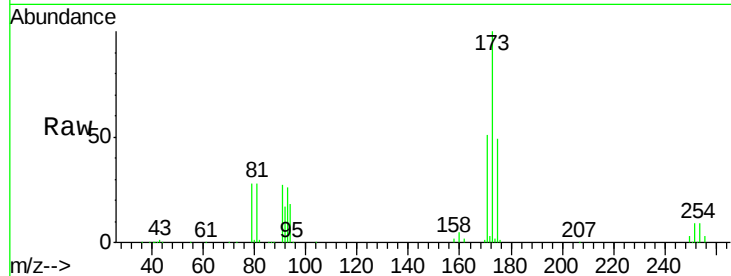
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.1	72.4
254	0.0	0.0	0.0

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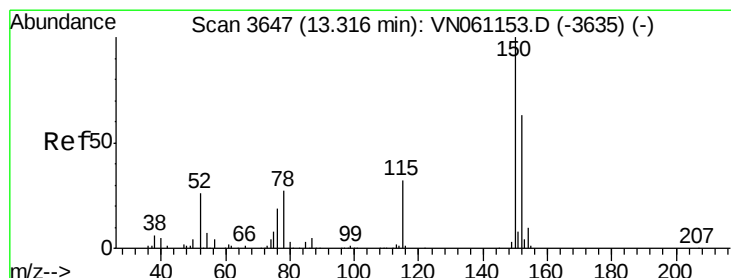
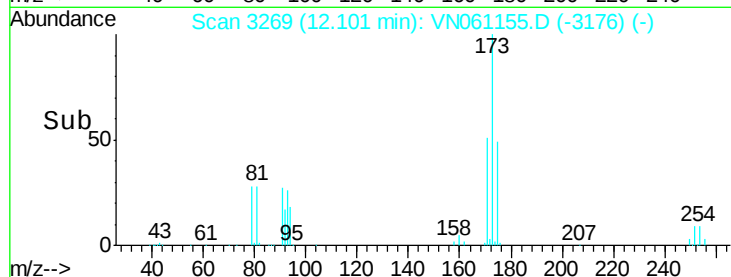
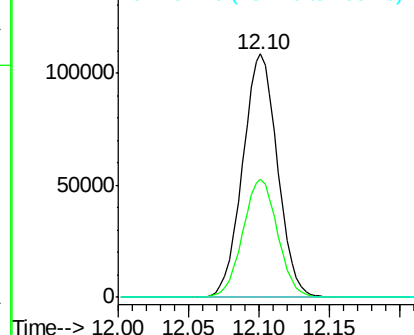


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

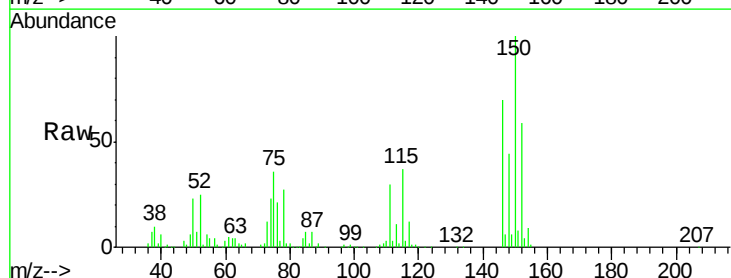
RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061155.D

Acq: 27 Apr 2020 17:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.2	31.0	93.0
150	205.6	0.0	351.8

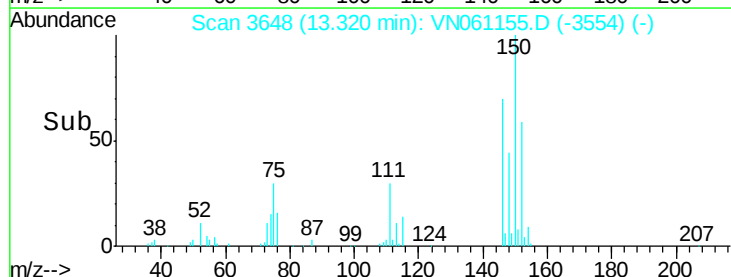
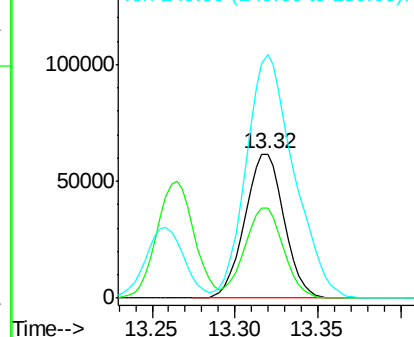


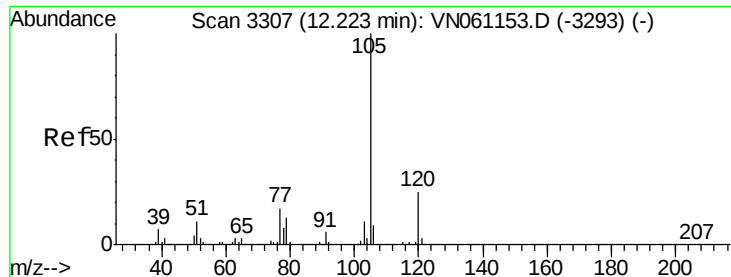
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 154.912 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061155.D

Acq: 27 Apr 2020 17:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 1182221

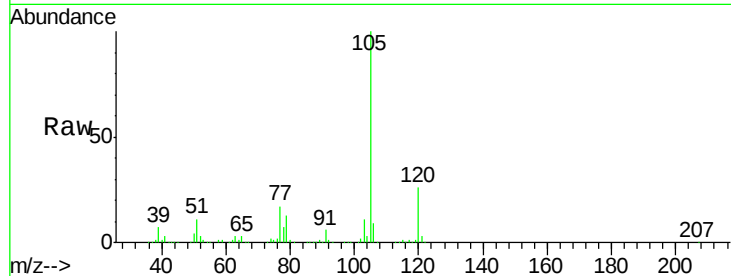
Ion Ratio Lower Upper

105 100

120 25.8 12.6 37.8

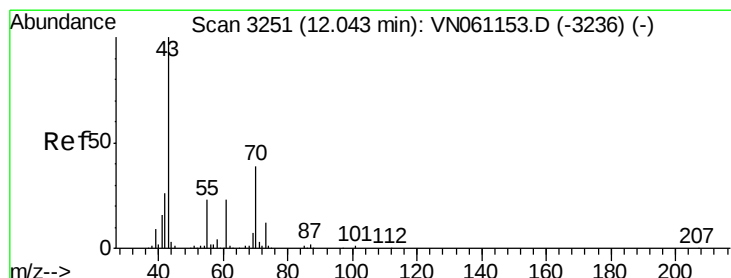
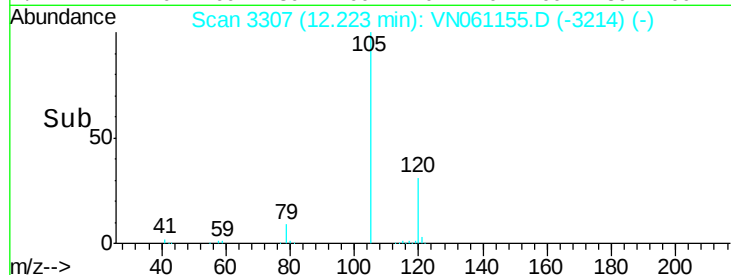
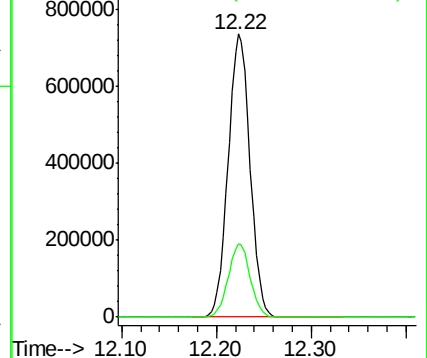
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 181.499 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061155.D

Acq: 27 Apr 2020 17:58

Tgt Ion: 43 Resp: 635206

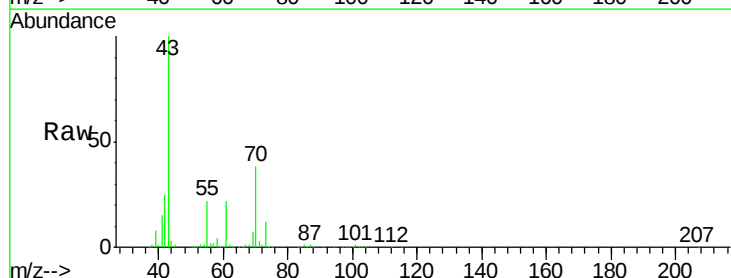
Ion Ratio Lower Upper

43 100

70 38.3 30.6 46.0

55 22.4 18.5 27.7

61 22.4 17.9 26.9

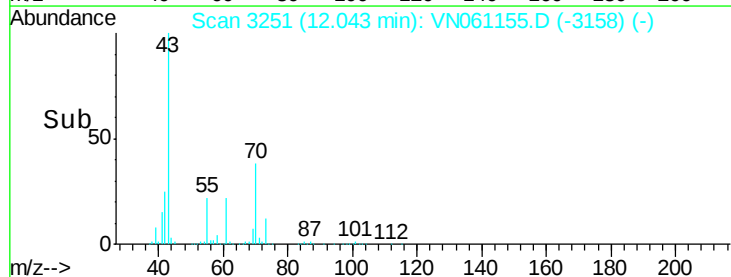
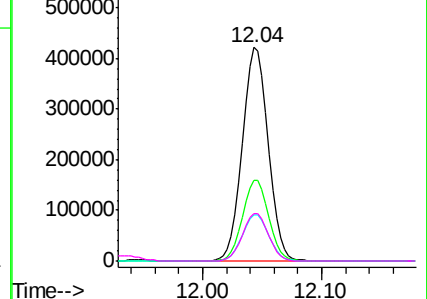


Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 167.084 ug/l

RT: 12.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VN061155.D

Acq: 27 Apr 2020 17:58

Instrument :

MSVOA_N

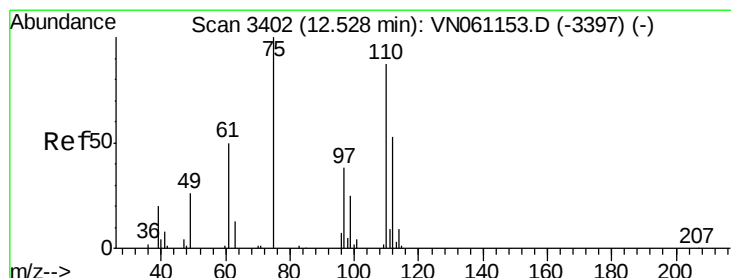
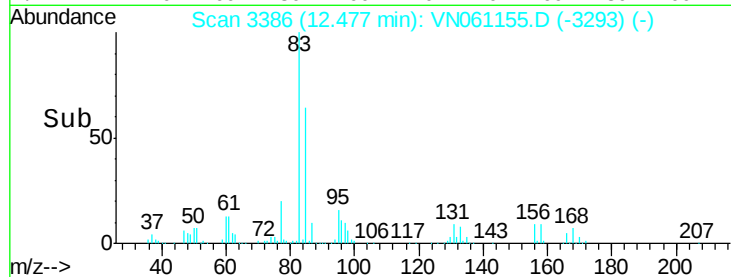
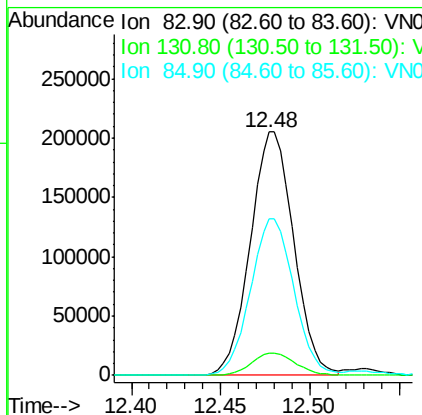
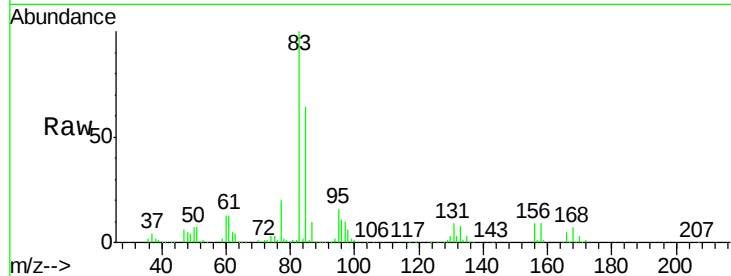
ClientSampled :

VSTDIC150

Tot Ion:	83	Resp:	349755
Ion Ratio	Lower	Upper	
83	100		
131	9.4	4.8	14.3
85	64.1	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 140.241 ug/l m

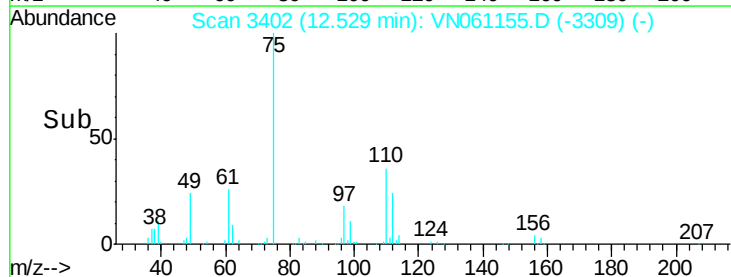
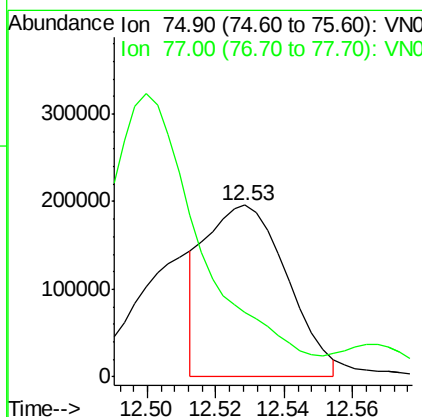
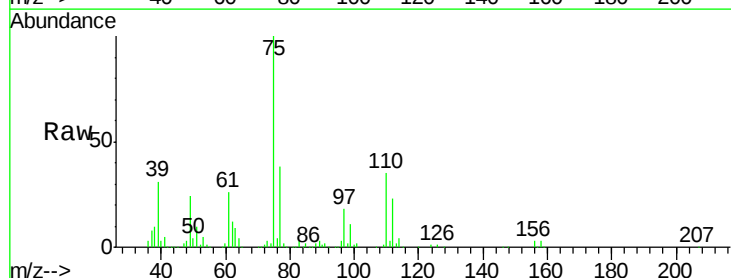
RT: 12.53 min Scan# 3402

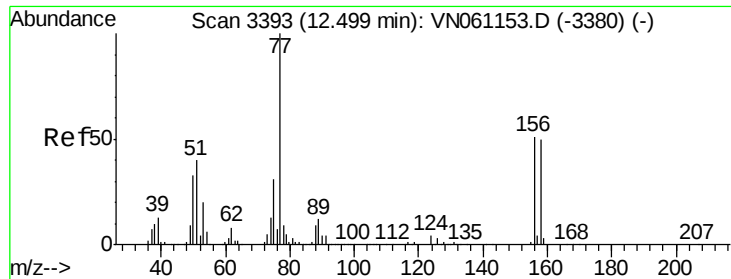
Delta R.T. 0.00 min

Lab File: VN061155.D

Acq: 27 Apr 2020 17:58

Tgt Ion:	75	Resp:	322256
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





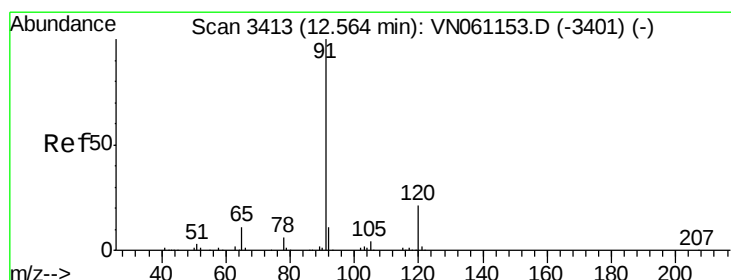
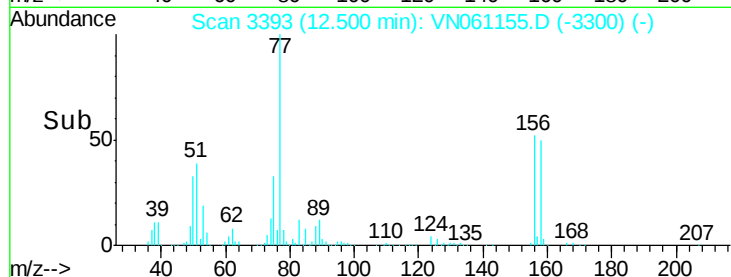
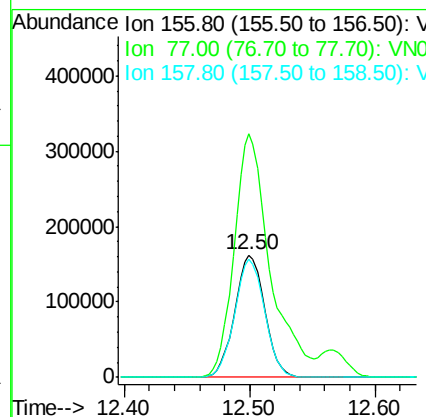
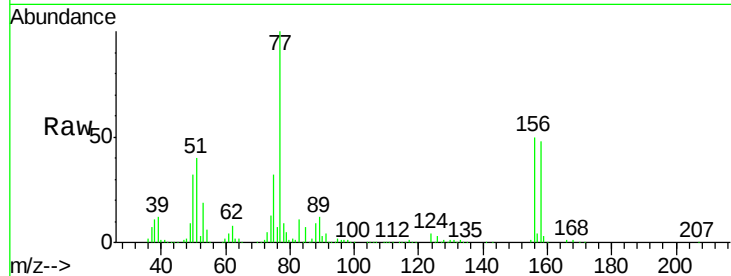
#77
Bromobenzene
Concen: 146.566 ug/l
RT: 12.50 min Scan# 3393
Delta R.T. 0.00 min
Lab File: VN061155.D
Acq: 27 Apr 2020 17:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	238.3	117.4	352.2	
158	96.5	48.4	145.0	

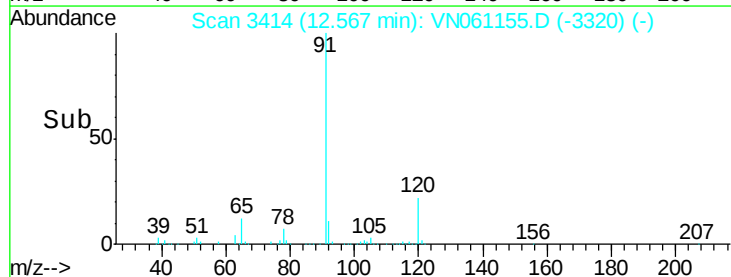
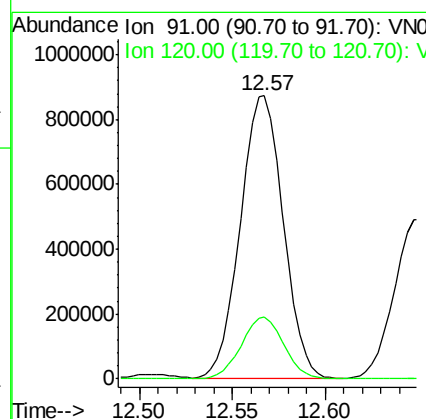
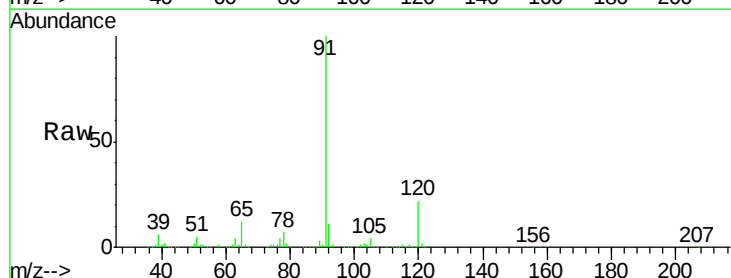
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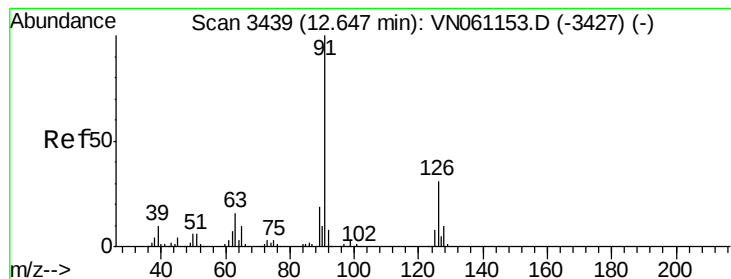
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#78
n-propylbenzene
Concen: 156.109 ug/l
RT: 12.57 min Scan# 3414
Delta R.T. 0.00 min
Lab File: VN061155.D
Acq: 27 Apr 2020 17:58

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	21.7	10.8	32.3	





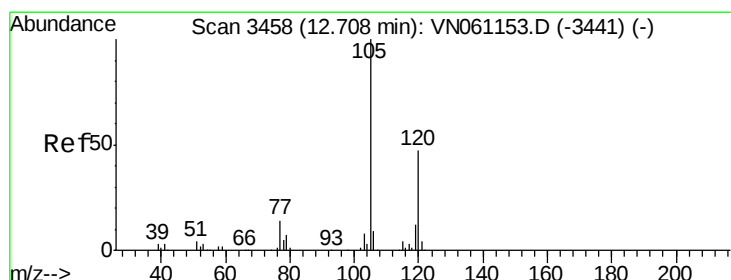
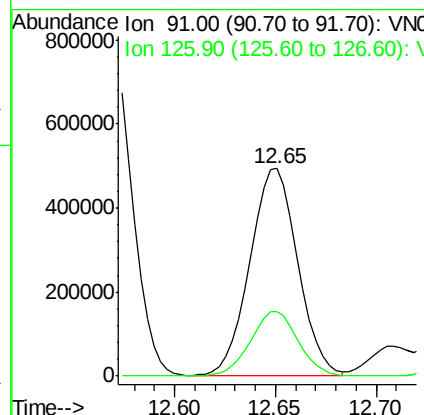
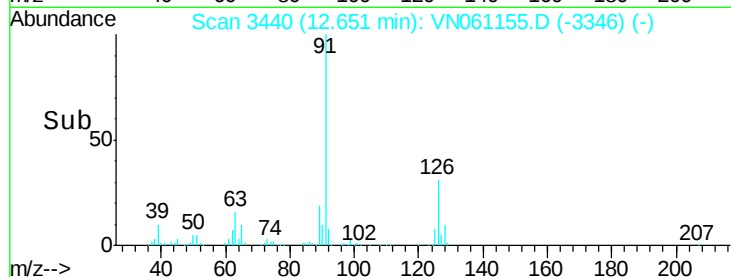
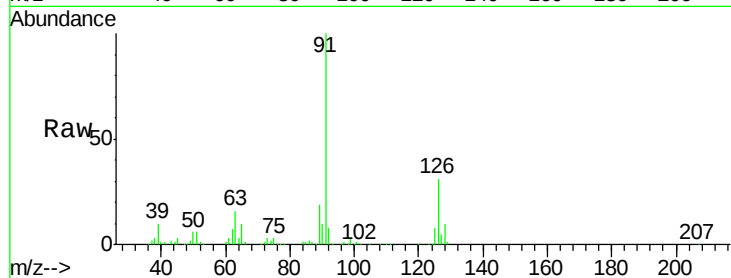
#79
 2-Chlorotoluene
 Concen: 156.813 ug/l
 RT: 12.65 min Scan# 3440
 Delta R.T. 0.00 min
 Lab File: VN061155.D
 Acq: 27 Apr 2020 17:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion: 91 Resp: 817621
 Ion Ratio Lower Upper
 91 100
 126 31.3 15.9 47.7

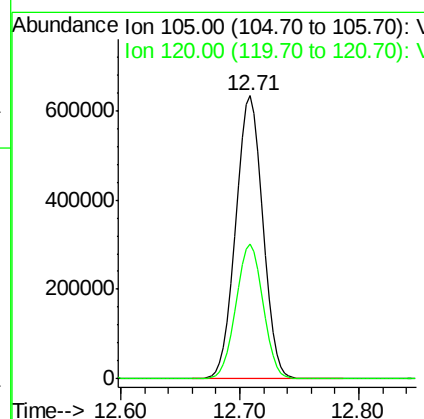
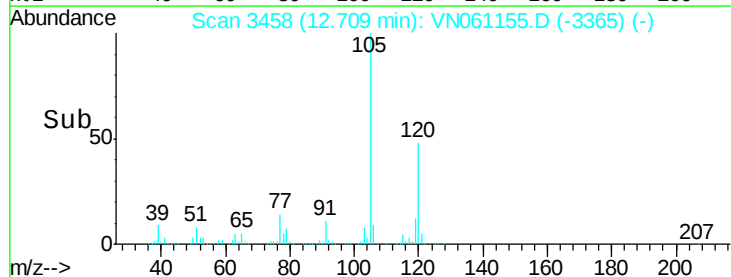
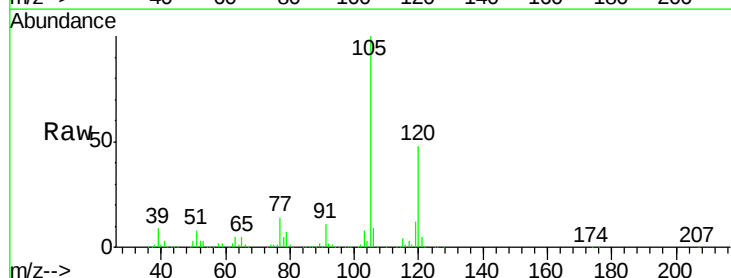
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#80
 1,3,5-Trimethylbenzene
 Concen: 155.142 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN061155.D
 Acq: 27 Apr 2020 17:58

Tgt Ion: 105 Resp: 996646
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 156.835 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061155.D

Acq: 27 Apr 2020 17:58

Instrument :

MSVOA_N

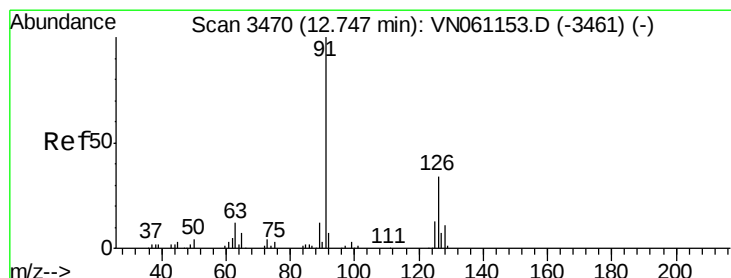
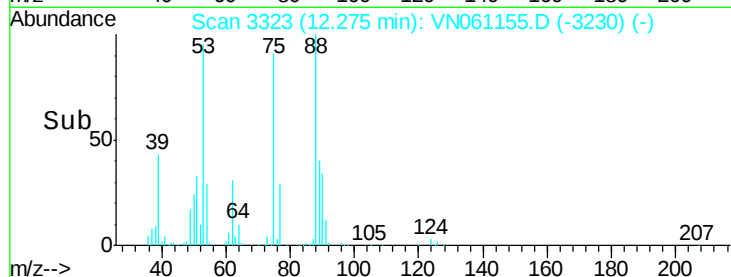
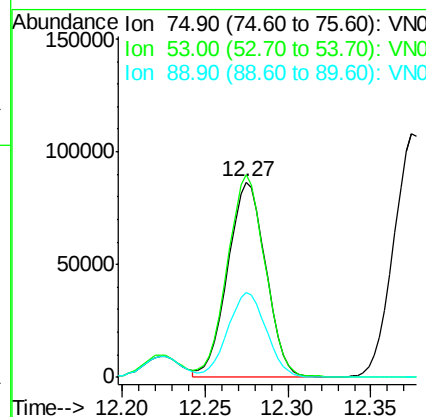
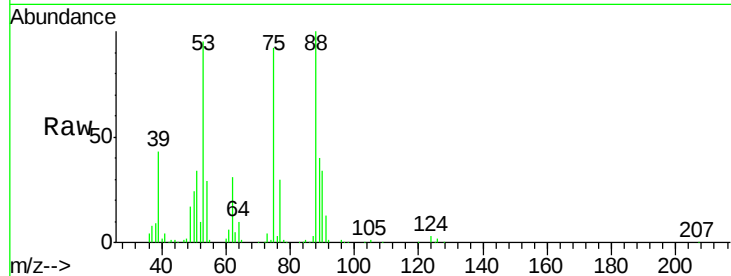
ClientSampleId :

VSTDIC150

Tot Ion:	75	Resp:	137484
Ion Ratio	Lower	Upper	
75	100		
53	103.9	84.1	126.1
89	44.3	35.2	52.8

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#82

4-Chlorotoluene

Concen: 157.107 ug/l

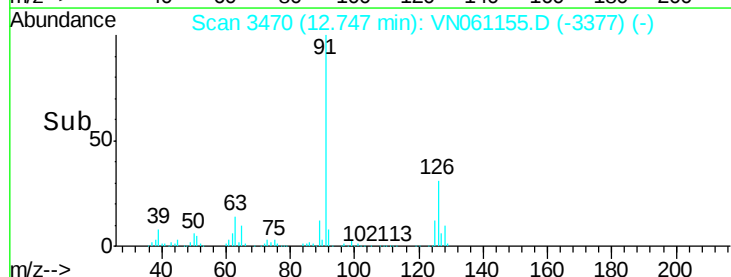
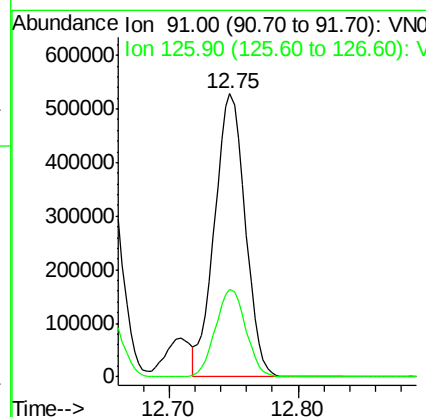
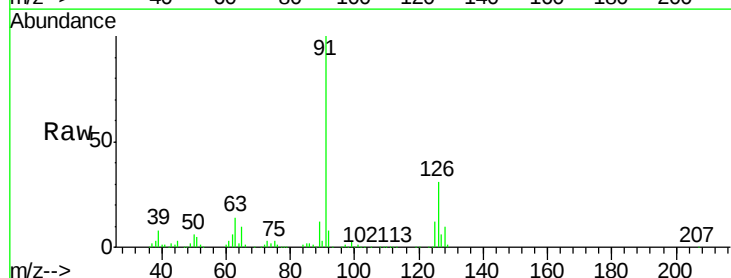
RT: 12.75 min Scan# 3470

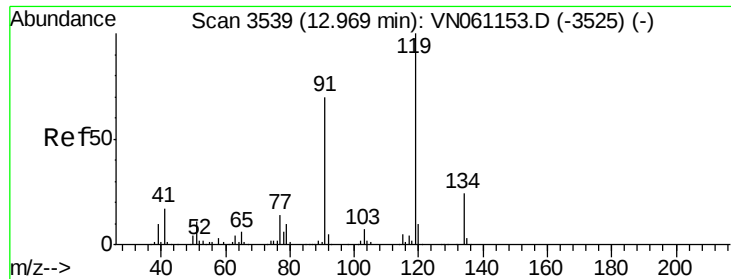
Delta R.T. 0.00 min

Lab File: VN061155.D

Acq: 27 Apr 2020 17:58

Tgt Ion:	91	Resp:	870408
Ion Ratio	Lower	Upper	
91	100		
126	30.7	15.7	47.1





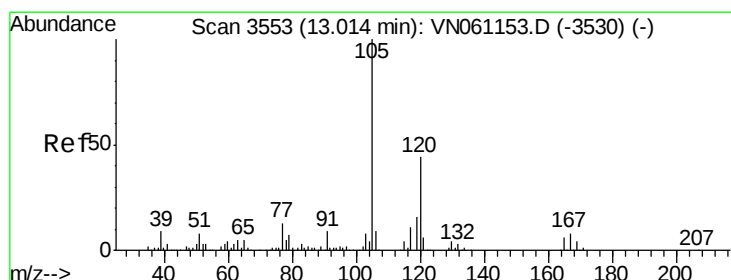
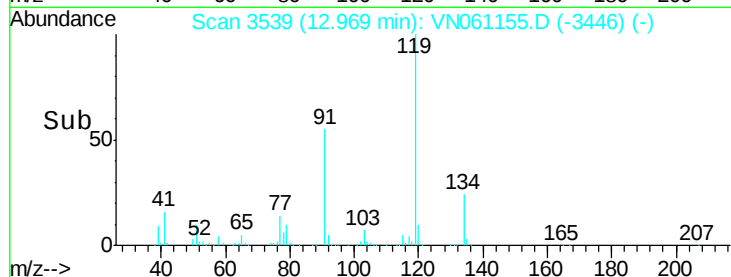
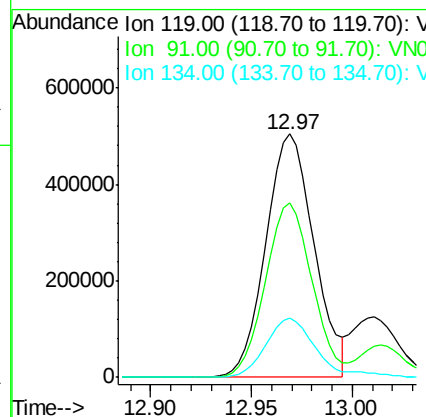
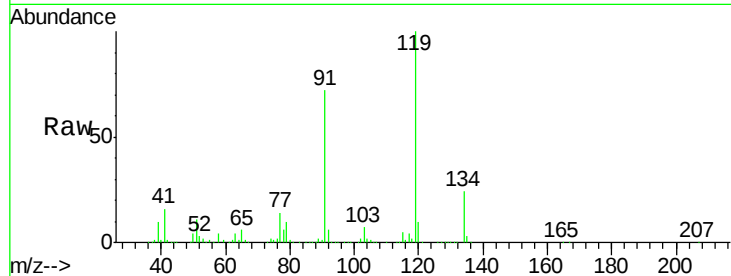
#83
tert-Butylbenzene
Concen: 155.813 ug/l
RT: 12.97 min Scan# 3539
Delta R.T. 0.00 min
Lab File: VN061155.D
Acq: 27 Apr 2020 17:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.9	34.8	104.4
134	25.4	12.9	38.7

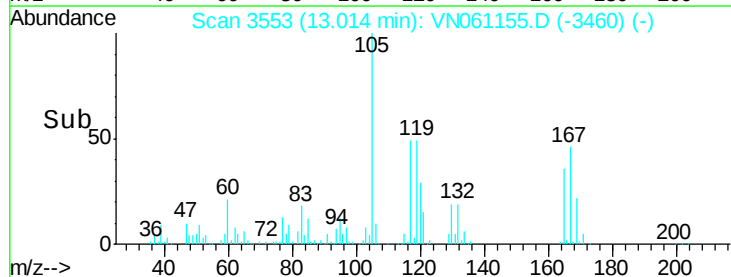
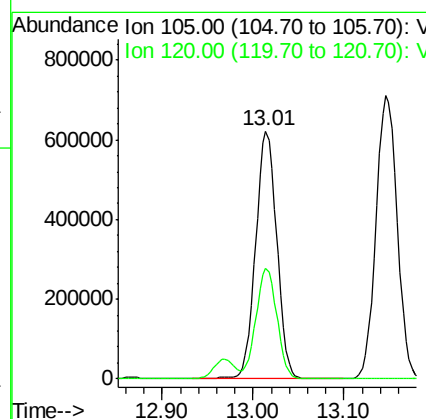
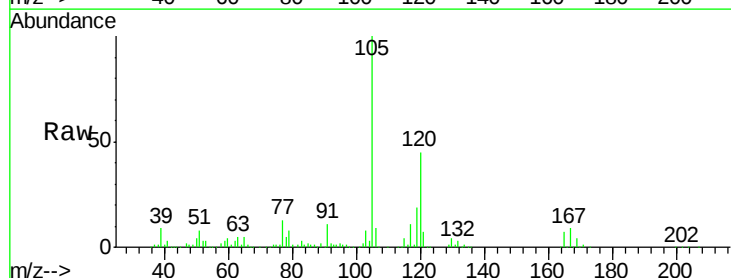
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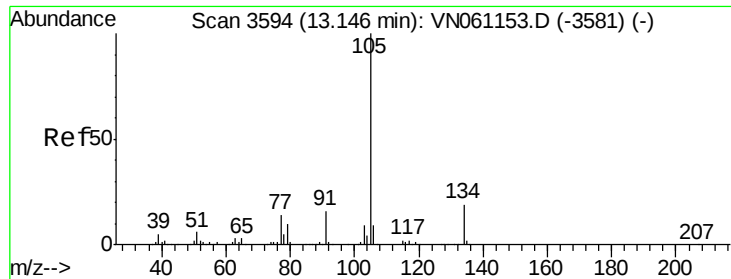
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#84
1,2,4-Trimethylbenzene
Concen: 156.505 ug/l
RT: 13.01 min Scan# 3553
Delta R.T. 0.00 min
Lab File: VN061155.D
Acq: 27 Apr 2020 17:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.2	66.6





#85

sec-Butylbenzene

Concen: 156.854 ug/l

RT: 13.15 min Scan# 3594

Delta R.T. 0.00 min

Lab File: VN061155.D

Acq: 27 Apr 2020 17:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 1147341

Ion Ratio Lower Upper

105 100

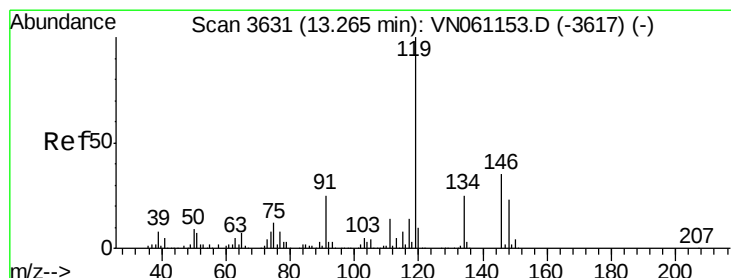
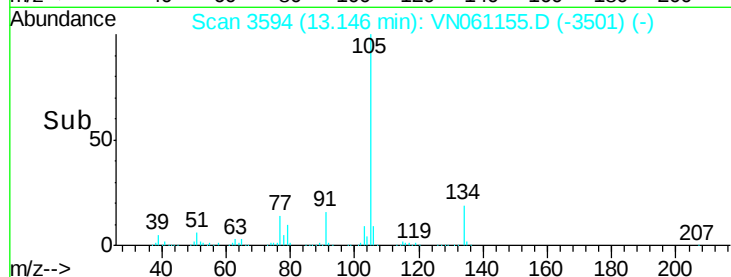
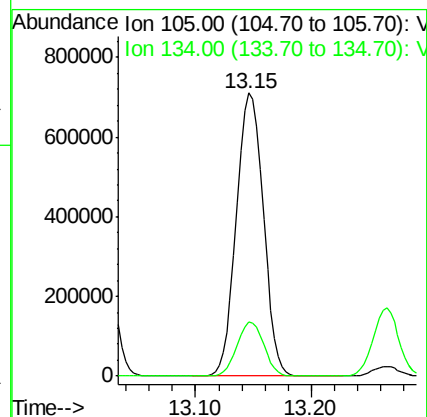
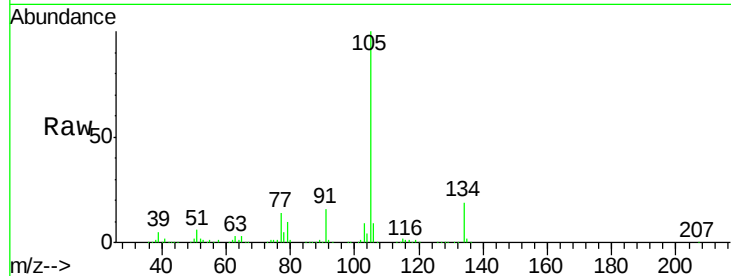
134 19.0 9.6 28.8

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#86

p-Isopropyltoluene

Concen: 155.988 ug/l

RT: 13.26 min Scan# 3631

Delta R.T. 0.00 min

Lab File: VN061155.D

Acq: 27 Apr 2020 17:58

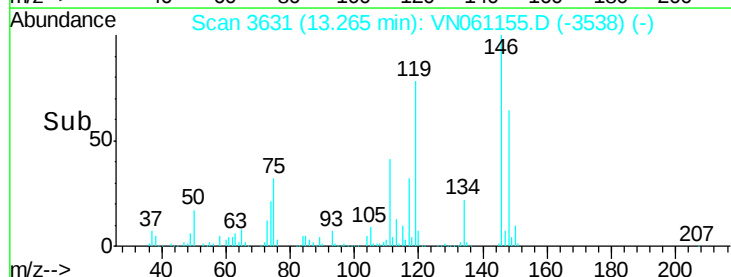
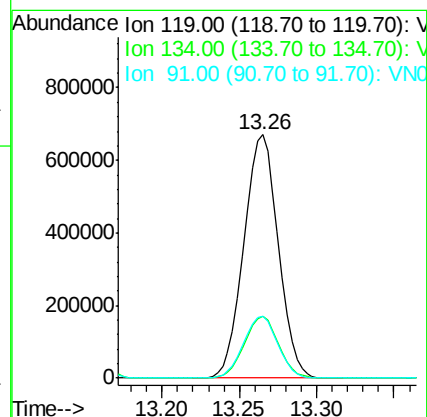
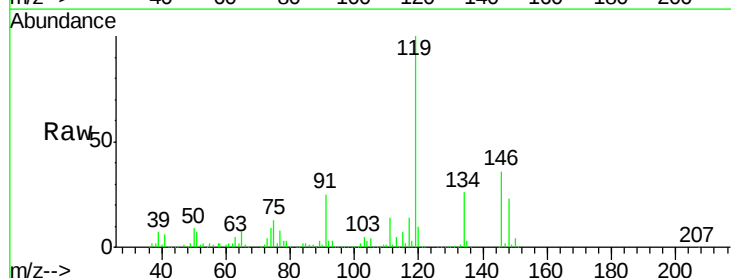
Tgt Ion:119 Resp: 1034391

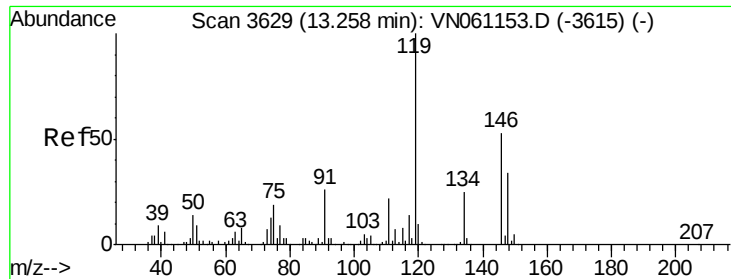
Ion Ratio Lower Upper

119 100

134 25.3 12.6 37.6

91 25.4 12.7 38.0





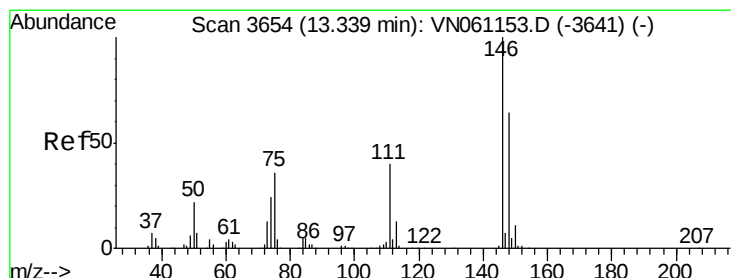
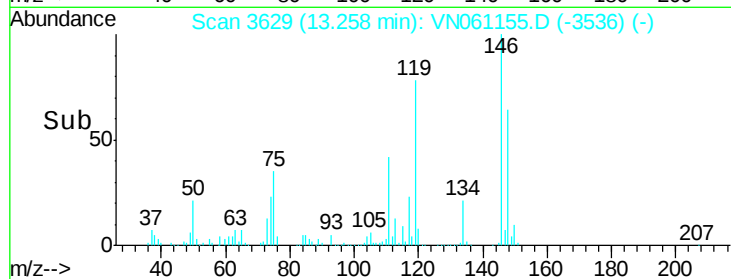
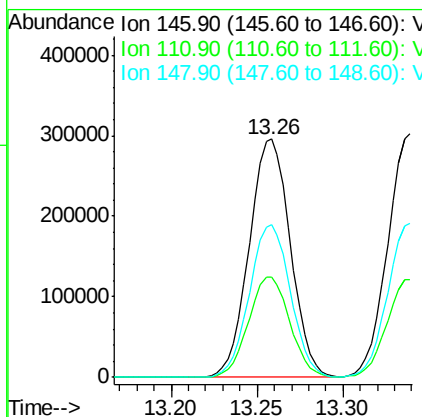
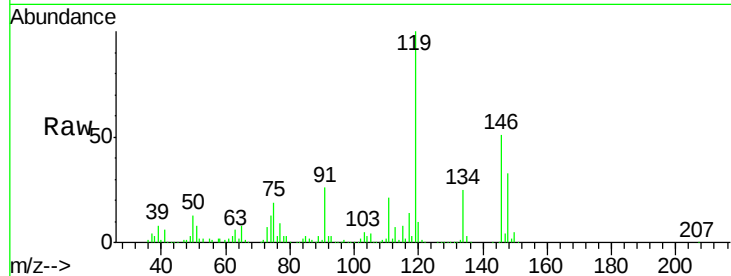
#87
 1,3-Dichlorobenzene
 Concen: 149.432 ug/l
 RT: 13.26 min Scan# 3629
 Delta R.T. 0.00 min
 Lab File: VN061155.D
 Acq: 27 Apr 2020 17:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.7	62.1
148	63.9	31.8	95.3

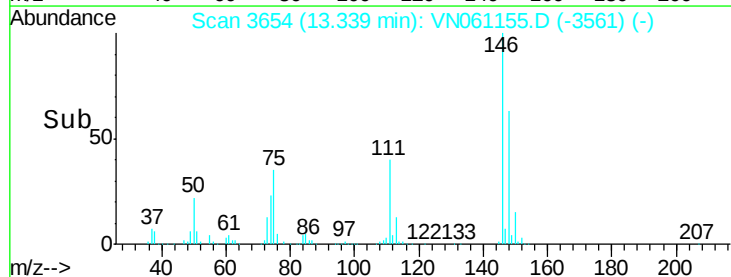
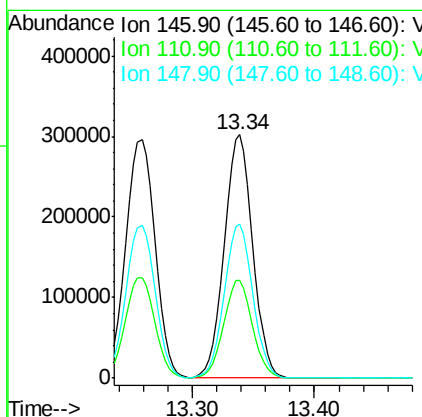
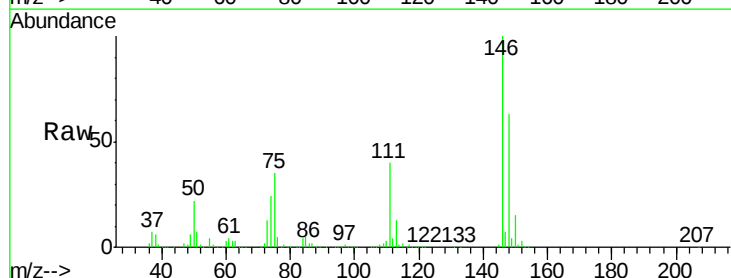
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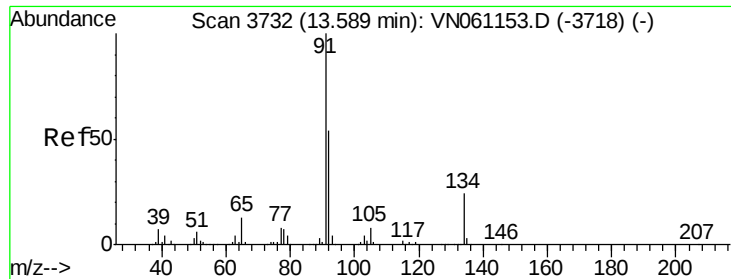
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#88
 1,4-Dichlorobenzene
 Concen: 148.337 ug/l
 RT: 13.34 min Scan# 3654
 Delta R.T. 0.00 min
 Lab File: VN061155.D
 Acq: 27 Apr 2020 17:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.4	61.3
148	63.5	31.9	95.7





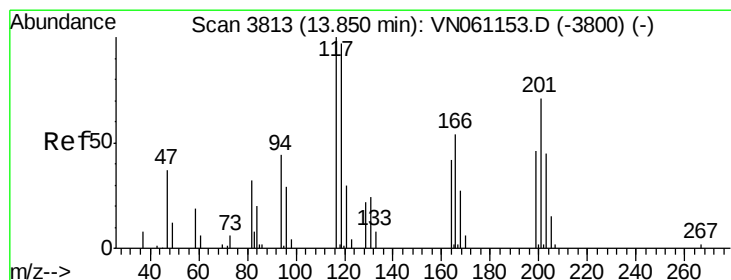
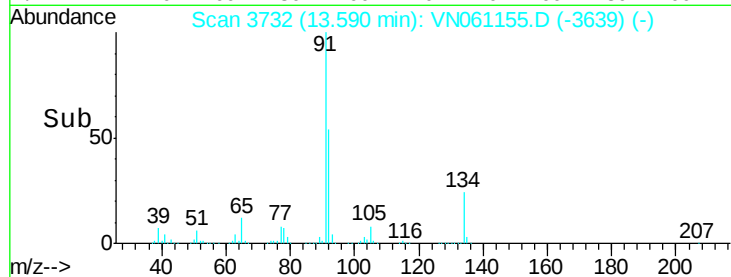
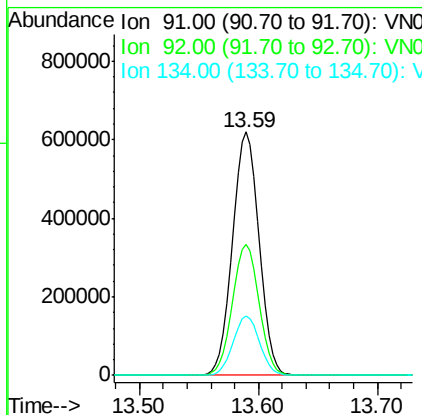
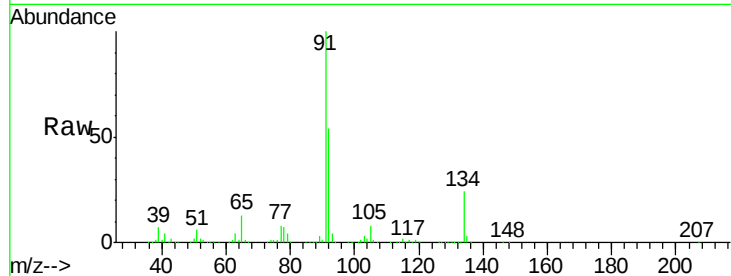
#89
n-Butylbenzene
Concen: 158.194 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061155.D
Acq: 27 Apr 2020 17:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.0	26.8	80.3	
134	24.3	11.9	35.5	

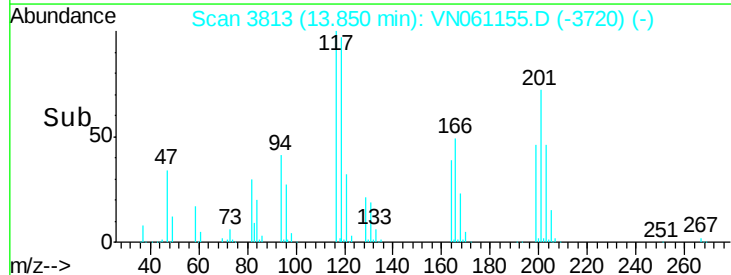
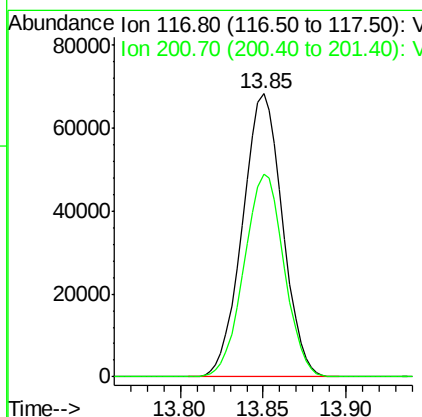
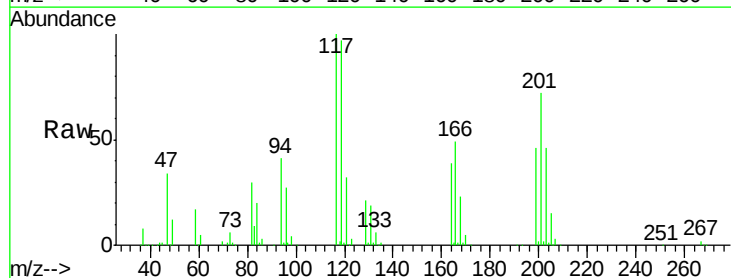
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#90
Hexachloroethane
Concen: 213.852 ug/l
RT: 13.85 min Scan# 3813
Delta R.T. 0.00 min
Lab File: VN061155.D
Acq: 27 Apr 2020 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	71.6	35.5	106.7	





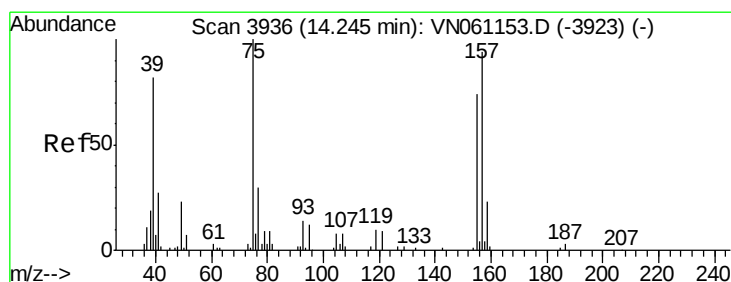
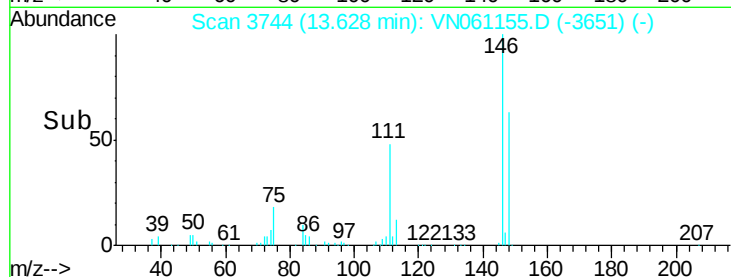
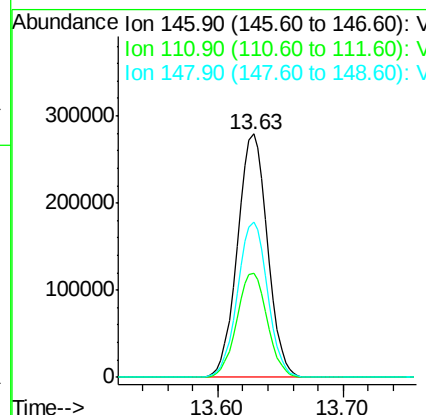
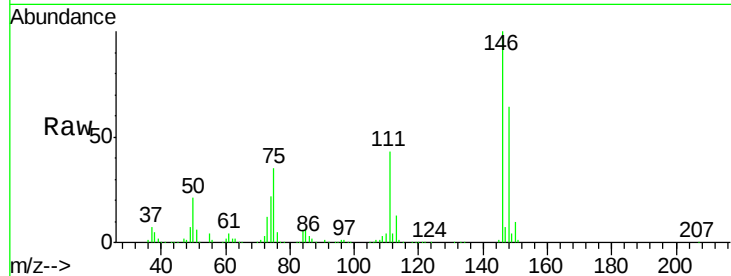
#91
 1,2-Dichlorobenzene
 Concen: 151.260 ug/l
 RT: 13.63 min Scan# 3744
 Delta R.T. 0.00 min
 Lab File: VN061155.D
 Acq: 27 Apr 2020 17:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.8	65.3
148	63.9	31.6	95.0

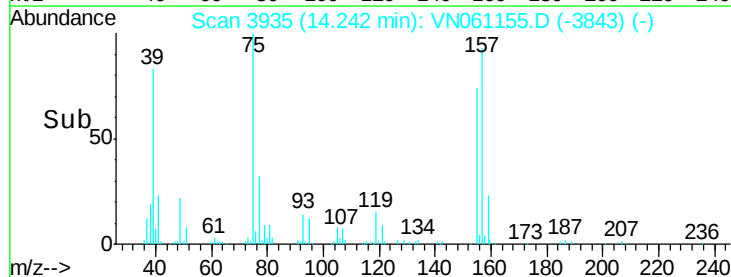
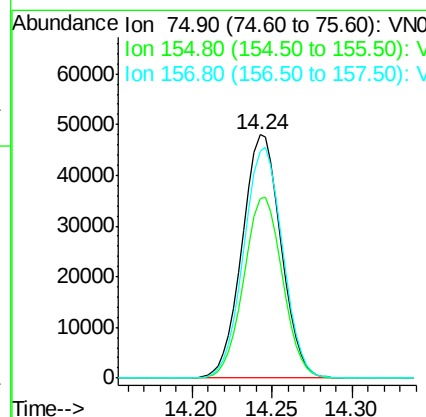
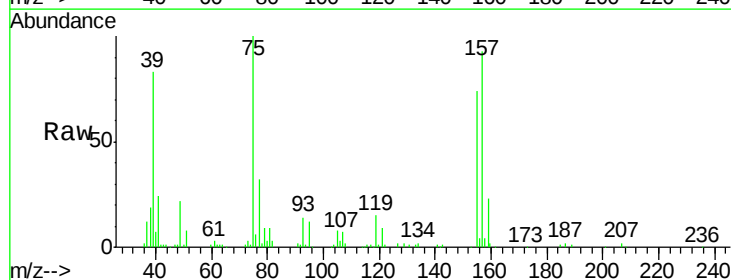
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 175.321 ug/l
 RT: 14.24 min Scan# 3935
 Delta R.T. -0.00 min
 Lab File: VN061155.D
 Acq: 27 Apr 2020 17:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.7	36.5	109.7
157	94.6	46.6	139.7





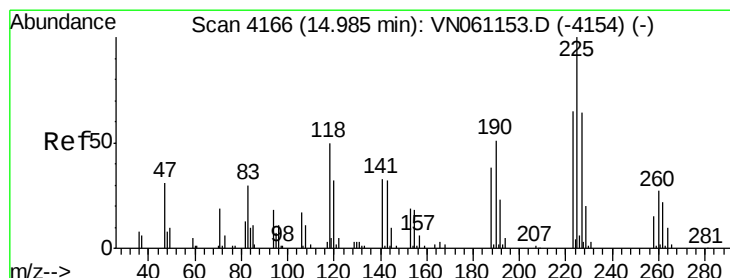
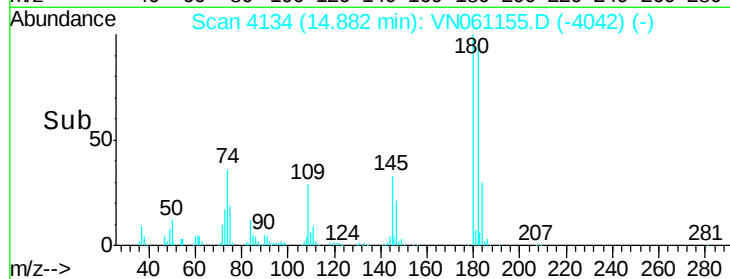
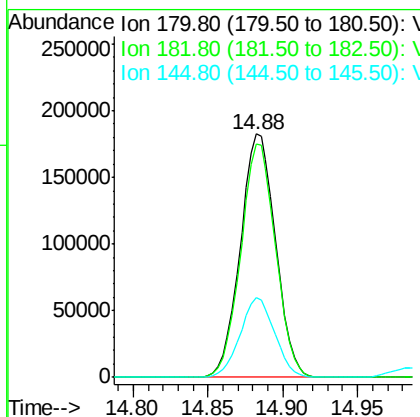
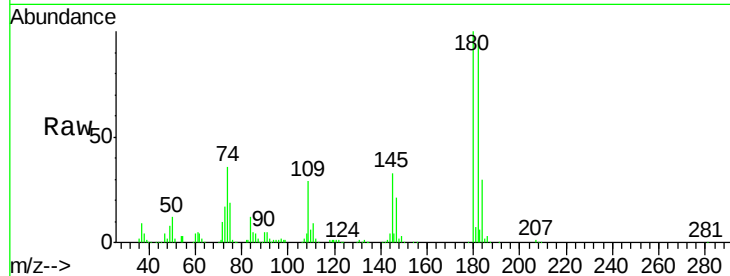
#93
 1,2,4-Trichlorobenzene
 Concen: 146.850 ug/l
 RT: 14.88 min Scan# 4134
 Delta R.T. -0.00 min
 Lab File: VN061155.D
 Acq: 27 Apr 2020 17:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100	298423		
182	95.0	47.3	141.9	
145	32.1	16.0	47.9	

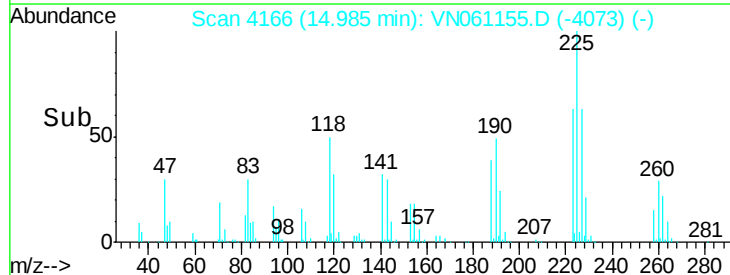
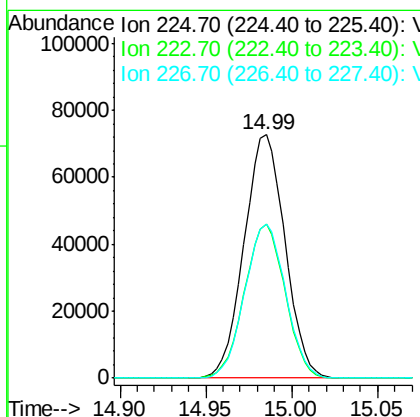
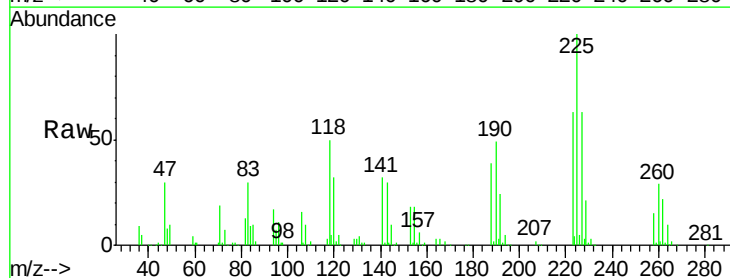
Manual Integrations
 APPROVED

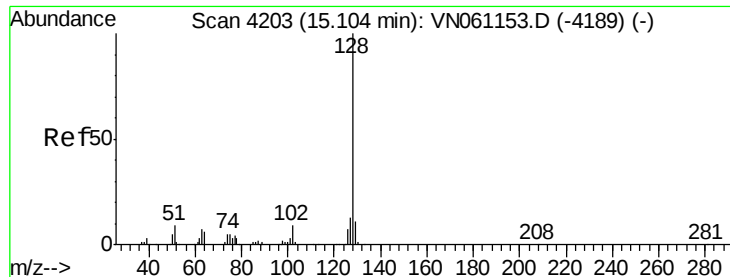
MMDadoda
 4/28/2020 8:14:43 PM



#94
 Hexachlorobutadiene
 Concen: 136.453 ug/l
 RT: 14.99 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061155.D
 Acq: 27 Apr 2020 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	120120		
223	62.8	32.4	97.0	
227	63.2	32.4	97.0	





#95

Naphthalene

Concen: 158.648 ug/l

RT: 15.10 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN061155.D

Acq: 27 Apr 2020 17:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:128 Resp: 1003296

Ion Ratio Lower Upper

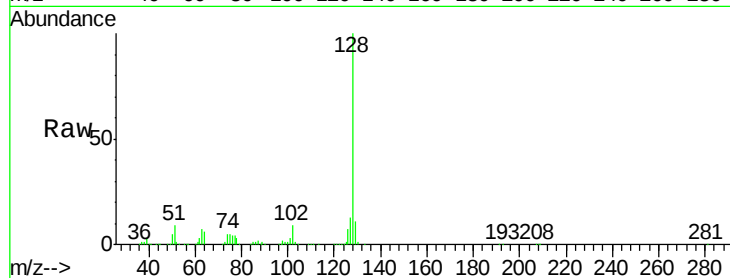
128 100

127 12.9 10.4 15.6

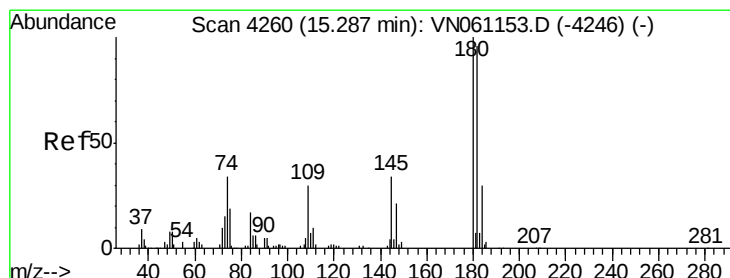
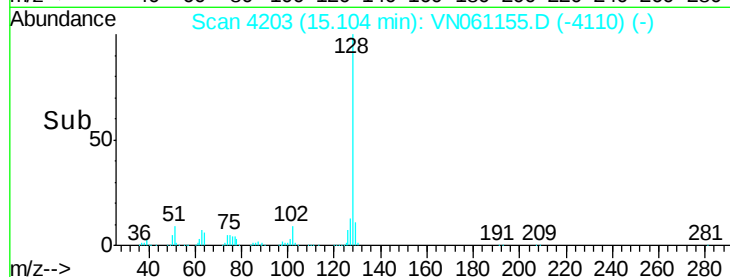
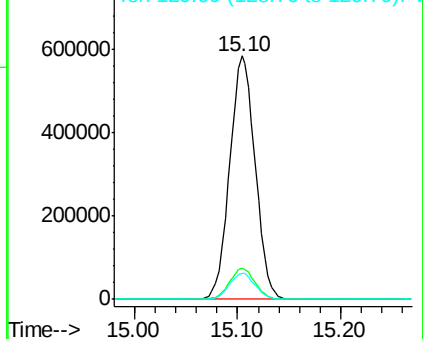
129 10.8 8.7 13.1

Manual Integrations
APPROVED

MMDadoda
4/28/2020 8:14:43 PM



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 149.954 ug/l

RT: 15.28 min Scan# 4259

Delta R.T. -0.00 min

Lab File: VN061155.D

Acq: 27 Apr 2020 17:58

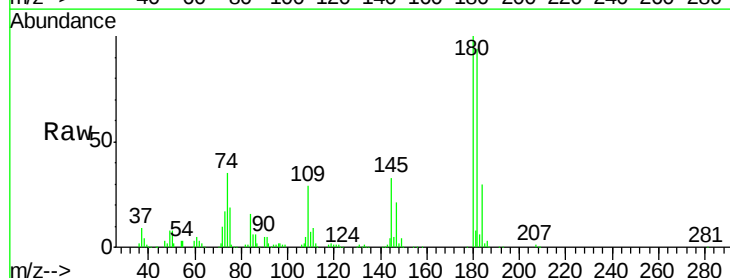
Tgt Ion:180 Resp: 293418

Ion Ratio Lower Upper

180 100

182 95.1 47.5 142.5

145 33.8 16.9 50.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

