

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062061.D
 Acq On : 24 Jun 2020 11:42
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 6/25/2020 6:10:17 PM

Quant Time: Jun 24 12:04:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 11:12:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	271622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	483073	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	459713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	232912	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	604236	166.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	332.22%	
35) Dibromofluoromethane	7.55	113	482849	157.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	315.00%	
50) Toluene-d8	10.06	98	1999402	164.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	329.86%	
62) 4-Bromofluorobenzene	12.38	95	726023	175.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	350.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	412977	135.831	ug/l	98
3) Chloromethane	2.03	50	532683	143.038	ug/l	99
4) Vinyl Chloride	2.16	62	662530	149.061	ug/l	99
5) Bromomethane	2.49	94	447787	133.308	ug/l	96
6) Chloroethane	2.65	64	452839	149.132	ug/l	100
7) Trichlorofluoromethane	2.97	101	835287	158.454	ug/l	99
8) Diethyl Ether	3.37	74	303211	167.214	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	419409	151.434	ug/l	98
10) Methyl Iodide	3.90	142	556481	184.139	ug/l	100
11) Tert butyl alcohol	4.74	59	426201	835.594	ug/l	100
12) 1,1-Dichloroethene	3.69	96	447036	161.359	ug/l	98
13) Acrolein	3.56	56	423205	1212.364	ug/l	98
14) Allyl chloride	4.27	41	651583	175.131	ug/l	100
15) Acrylonitrile	4.93	53	1161788	912.211	ug/l	100
16) Acetone	3.77	43	902628	811.352	ug/l	98
17) Carbon Disulfide	4.00	76	1356949	166.473	ug/l	100
18) Methyl Acetate	4.27	43	434296	142.880	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	1519544	164.691	ug/l	99
20) Methylene Chloride	4.50	84	529234	149.869	ug/l	99
21) trans-1,2-Dichloroethene	4.98	96	503560	158.360	ug/l	98
22) Diisopropyl ether	5.90	45	1503078	176.820	ug/l	97
23) Vinyl Acetate	5.84	43	6329477	936.458	ug/l	100
24) 1,1-Dichloroethane	5.79	63	890669	160.913	ug/l	100
25) 2-Butanone	6.78	43	1443891	898.875	ug/l	99
26) 2,2-Dichloropropane	6.77	77	737932	157.631	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	569251	155.396	ug/l	100
28) Bromochloromethane	7.15	49	410021	165.752	ug/l	98
29) Tetrahydrofuran	7.17	42	971217	917.213	ug/l	100
30) Chloroform	7.33	83	892533	151.792	ug/l	100
31) Cyclohexane	7.61	56	763123	157.251	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	766378	153.265	ug/l	99
36) 1,1-Dichloropropene	7.75	75	701393	158.831	ug/l	99
37) Ethyl Acetate	6.88	43	614816	175.744	ug/l	99
38) Carbon Tetrachloride	7.73	117	649839	149.426	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	814503	171.209	ug/l	97
40) Benzene	8.00	78	2117369	157.517	ug/l	99
41) Methacrylonitrile	7.13	41	286070m	187.665	ug/l	
42) 1,2-Dichloroethane	8.09	62	715753	156.326	ug/l	99
43) Isopropyl Acetate	8.12	43	1051220	179.478	ug/l	100
44) Trichloroethene	8.80	130	520892	148.643	ug/l	98
45) 1,2-Dichloropropane	9.08	63	528939	160.316	ug/l	99
46) Dibromomethane	9.17	93	352171	152.481	ug/l	100
47) Bromodichloromethane	9.37	83	735542	155.060	ug/l	99
48) Methyl methacrylate	9.17	41	491934	183.821	ug/l	97
49) 1,4-Dioxane	9.17	88	204616	3322.923	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	3151182	904.694	ug/l	98
52) Toluene	10.12	92	1388517	164.891	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	875939	172.923	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	918619	167.327	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	526929	158.860	ug/l	99
56) Ethyl methacrylate	10.40	69	844109	190.105	ug/l	98
57) 1,3-Dichloropropane	10.68	76	917853	163.251	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	1622108	927.742	ug/l	99
59) 2-Hexanone	10.72	43	2399877	958.941	ug/l	99
60) Dibromochloromethane	10.87	129	575713	156.947	ug/l	98
61) 1,2-Dibromoethane	10.98	107	550724	159.621	ug/l	100
64) Tetrachloroethene	10.60	164	425121	145.508	ug/l	98
65) Chlorobenzene	11.41	112	1446135	149.074	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	511940	151.887	ug/l	99
67) Ethyl Benzene	11.48	91	2621630	160.838	ug/l	99
68) m/p-Xylenes	11.60	106	2053654	326.681	ug/l	96
69) o-Xylene	11.92	106	989938	165.466	ug/l	98
70) Styrene	11.94	104	1776061	177.306	ug/l	99
71) Bromoform	12.10	173	404535	165.041	ug/l #	98
73) Isopropylbenzene	12.22	105	2599119	156.258	ug/l	99
74) N-amyl acetate	12.05	43	1068597	198.206	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	799811	146.780	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	758306m	163.519	ug/l	
77) Bromobenzene	12.50	156	612723	146.427	ug/l	96
78) n-propylbenzene	12.57	91	2980597	156.372	ug/l	99
79) 2-Chlorotoluene	12.65	91	1790202	156.514	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	2219412	161.573	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	307559	179.786	ug/l	99
82) 4-Chlorotoluene	12.75	91	1939748	164.302	ug/l	99
83) tert-Butylbenzene	12.97	119	1849315	158.791	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	2232390	164.855	ug/l	100
85) sec-Butylbenzene	13.15	105	2472910	161.778	ug/l	100
86) p-Isopropyltoluene	13.26	119	2270285	167.308	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	1146210	150.970	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	1139331	146.650	ug/l	100
89) n-Butylbenzene	13.59	91	1985614	174.491	ug/l	99
90) Hexachloroethane	13.85	117	413041	165.073	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	1082413	148.360	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	147306	166.615	ug/l	98

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	570136	166.834	ug/l	99
94) Hexachlorobutadiene	14.99	225	198795	146.684	ug/l	99
95) Naphthalene	15.10	128	1801316	182.492	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	559740	164.529	ug/l	99

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

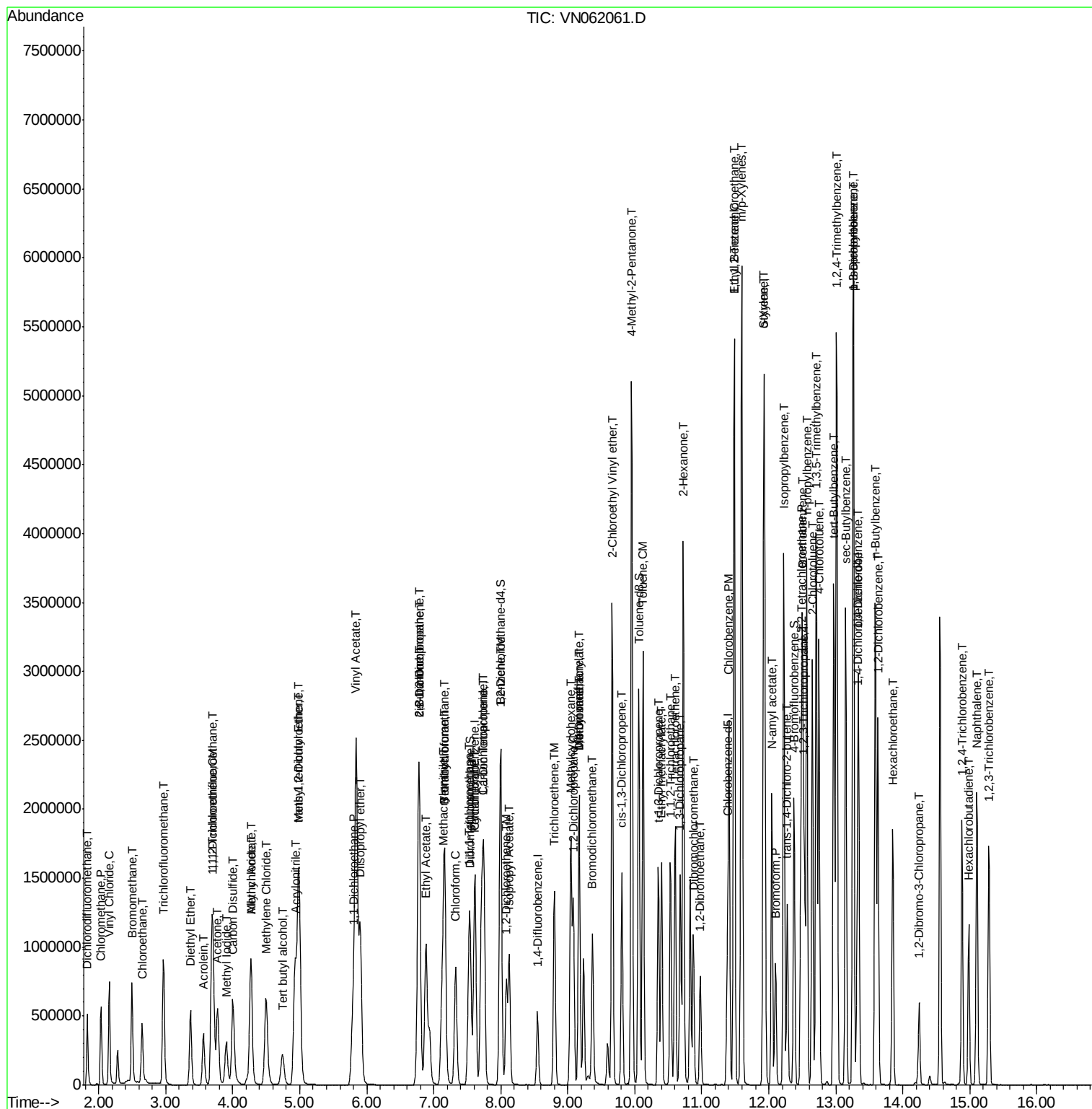
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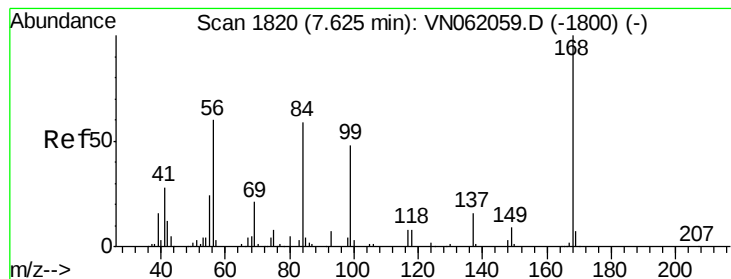
Instrument :
MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 271622

Ion Ratio Lower Upper

168 100

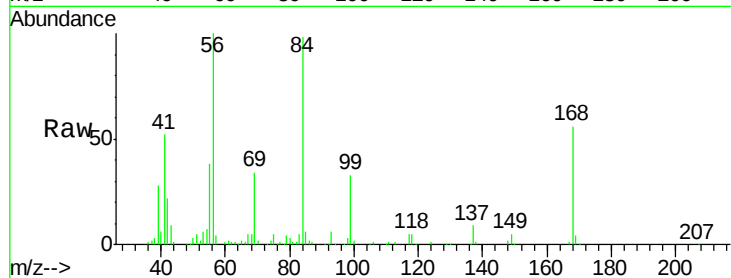
99 57.7 45.8 68.8

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

200000

150000

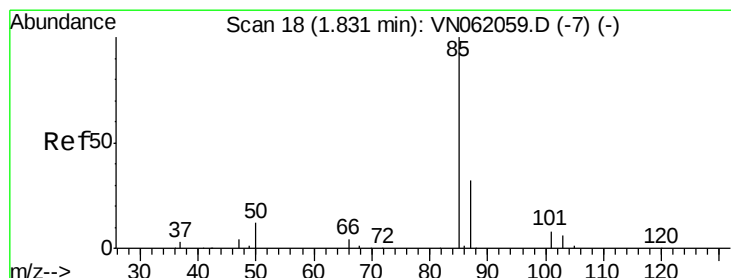
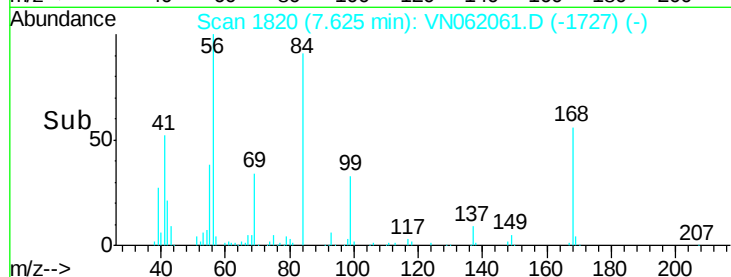
100000

50000

0

7.50 7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 135.831 ug/l

RT: 1.83 min Scan# 17

Delta R.T. -0.00 min

Lab File: VN062061.D

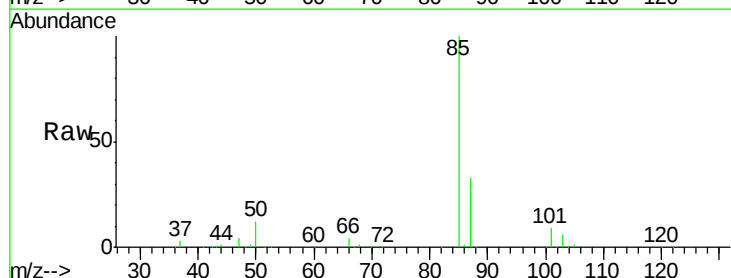
Acq: 24 Jun 2020 11:42

Tgt Ion: 85 Resp: 412977

Ion Ratio Lower Upper

85 100

87 32.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

300000

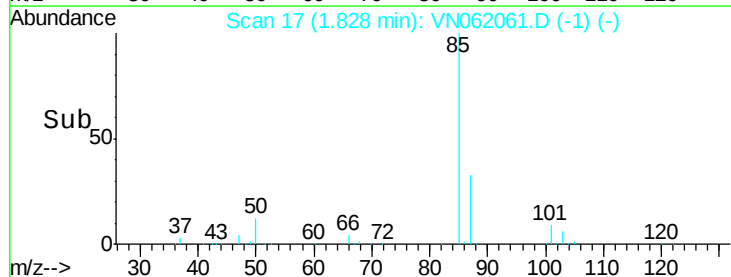
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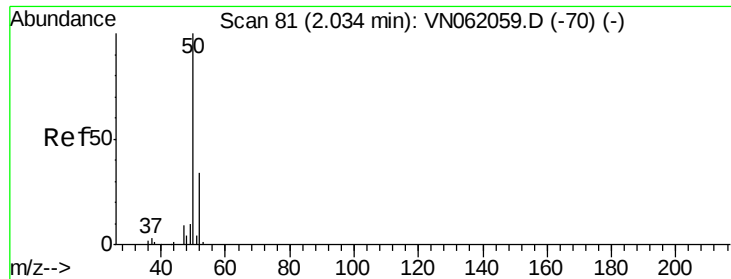
100000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 143.038 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 532683

Ion Ratio Lower Upper

50 100

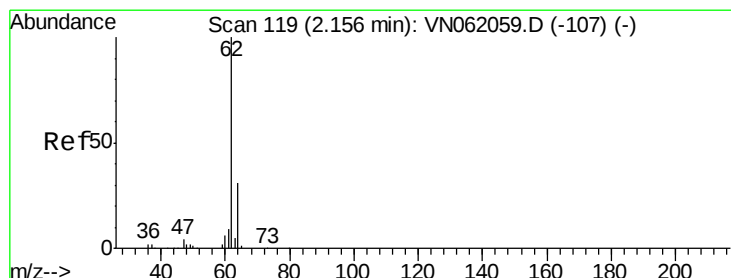
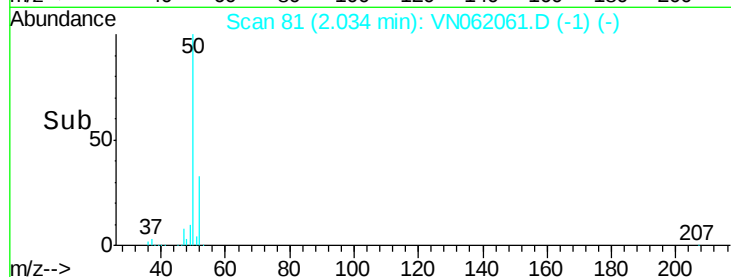
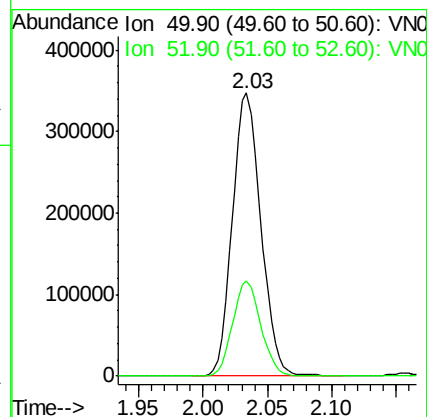
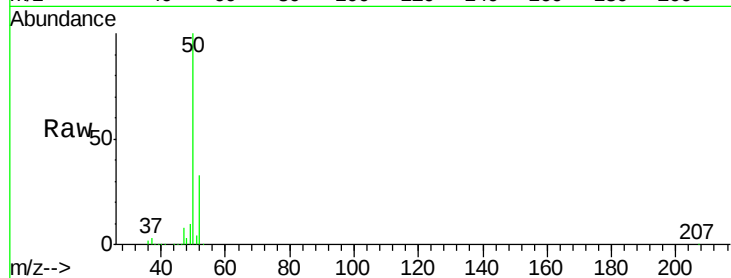
52 33.5 27.0 40.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 149.061 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062061.D

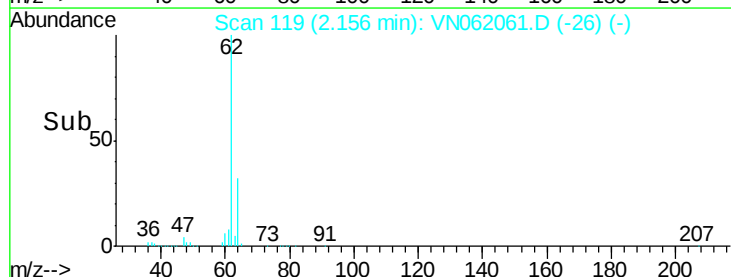
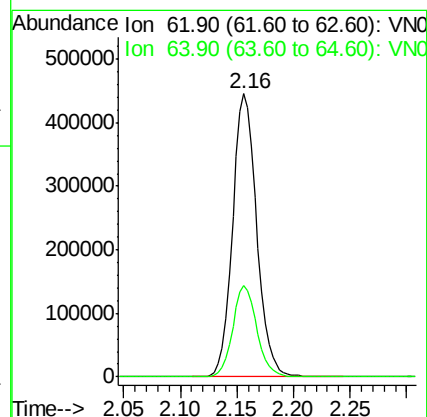
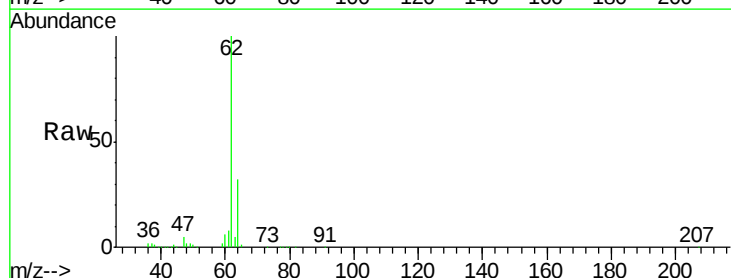
Acq: 24 Jun 2020 11:42

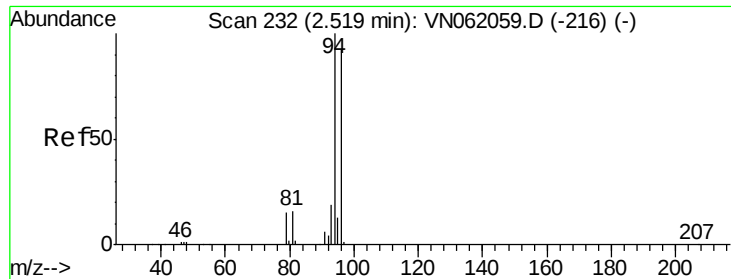
Tgt Ion: 62 Resp: 662530

Ion Ratio Lower Upper

62 100

64 32.1 25.1 37.7





#5

Bromomethane

Concen: 133.308 ug/l

RT: 2.49 min Scan# 224

Delta R.T. -0.03 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 447787

Ion Ratio Lower Upper

94 100

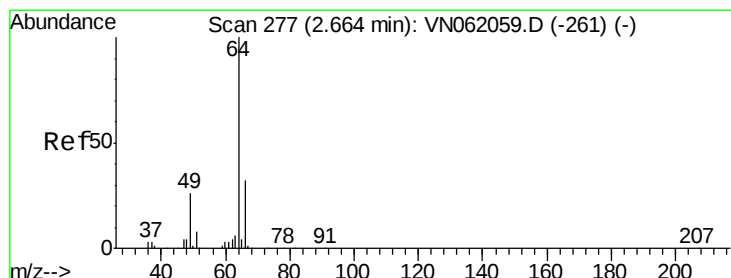
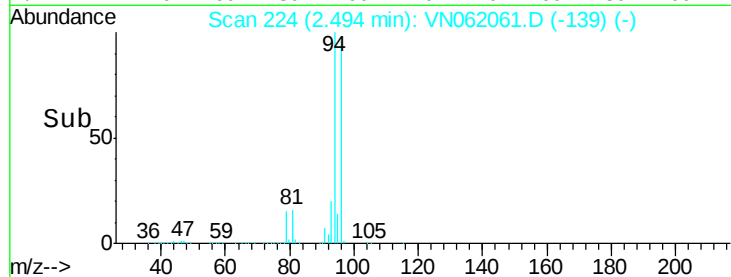
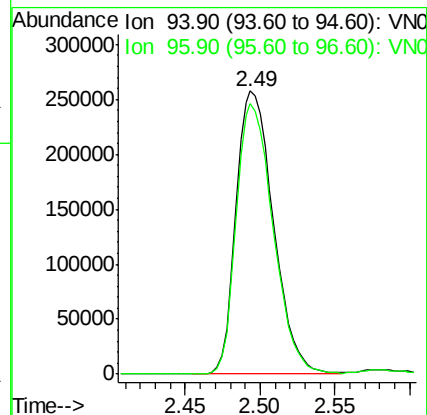
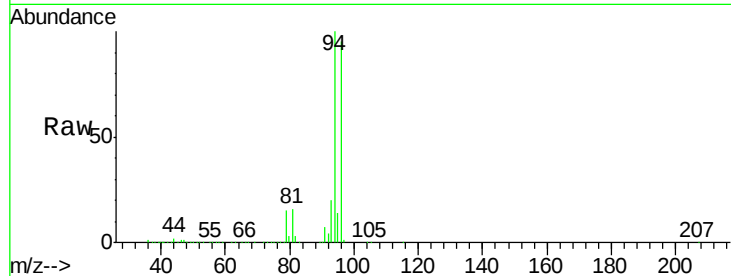
96 95.5 73.4 110.2

Manual Integrations

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#6

Chloroethane

Concen: 149.132 ug/l

RT: 2.65 min Scan# 272

Delta R.T. -0.02 min

Lab File: VN062061.D

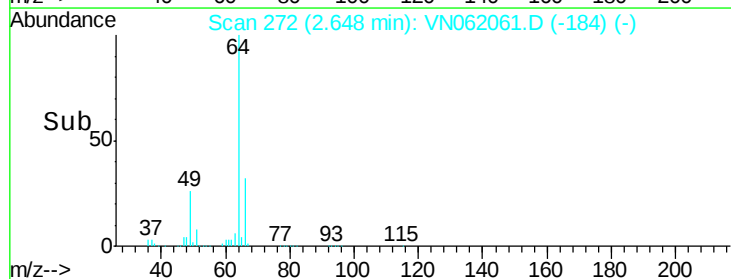
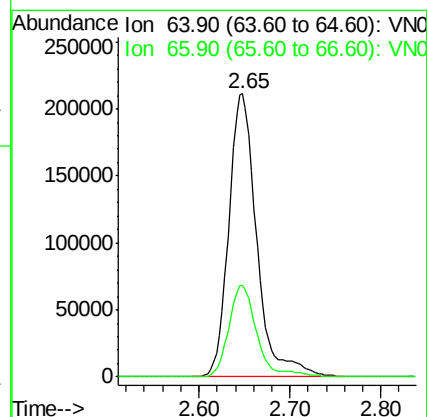
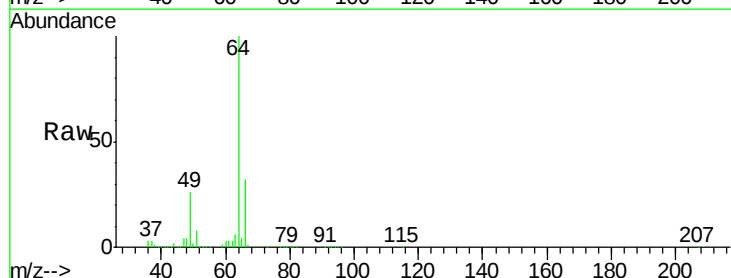
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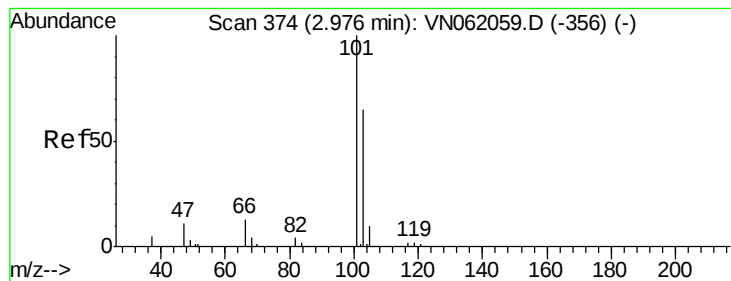
Tgt Ion: 64 Resp: 452839

Ion Ratio Lower Upper

64 100

66 32.5 25.8 38.6





#7

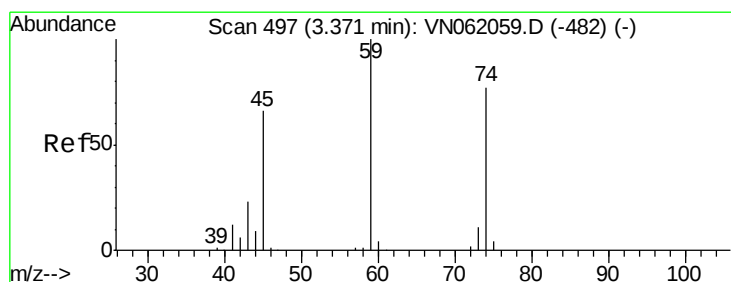
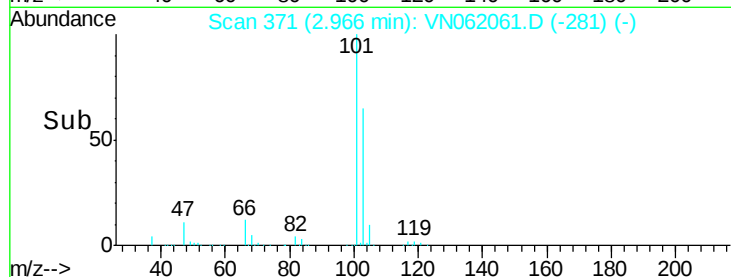
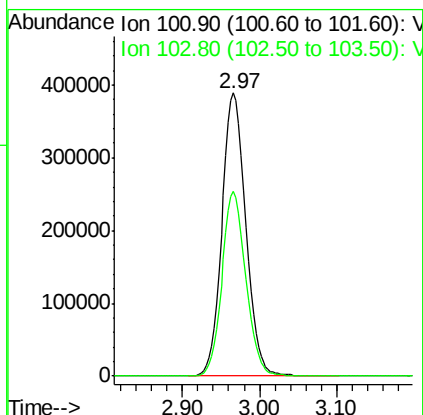
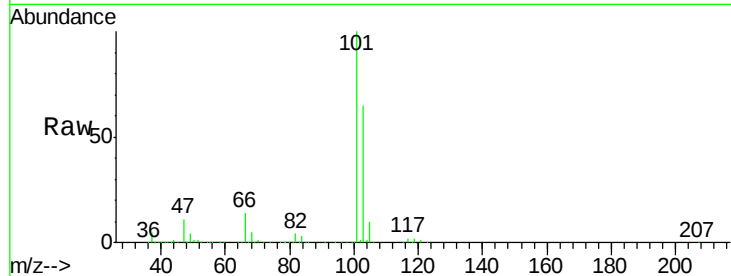
Trichlorofluoromethane
 Concen: 158.454 ug/l
 RT: 2.97 min Scan# 371
 Delta R.T. -0.01 min
 Lab File: VN062061.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		835287		
103	65.2	51.8		77.6	

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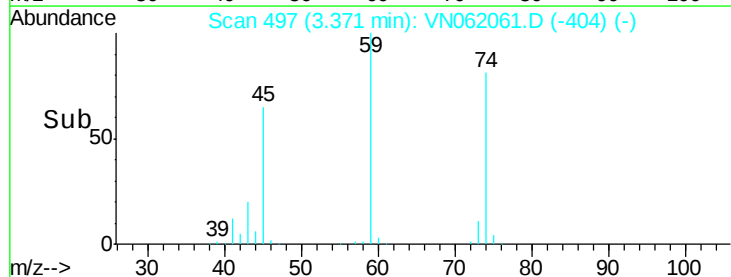
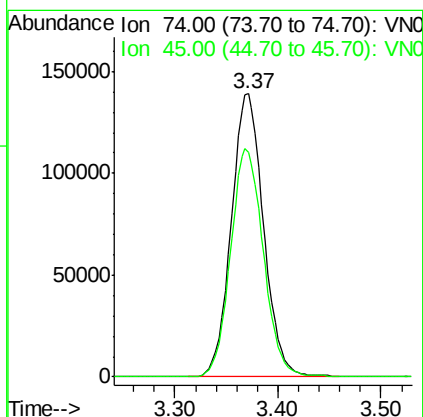
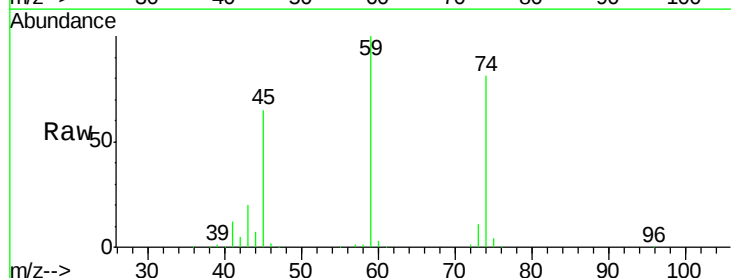
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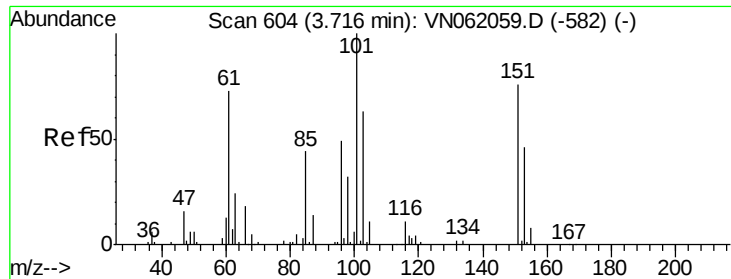


#8

Diethyl Ether
 Concen: 167.214 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		303211		
45	82.0	42.5		127.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 151.434 ug/l

RT: 3.71 min Scan# 602

Delta R.T. -0.01 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Instrument :

MSVOA_N

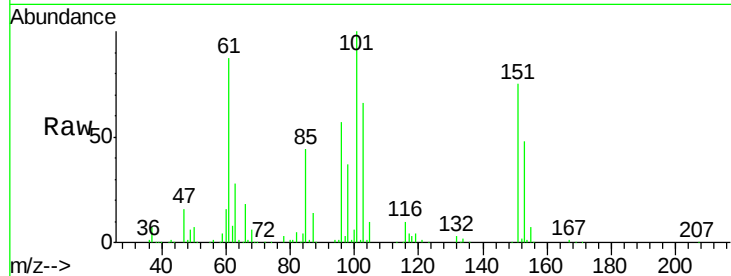
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	419409
Ion Ratio	Lower	Upper	
101	100		
85	44.2	34.5	51.7
151	74.4	57.8	86.8

Manual Integrations
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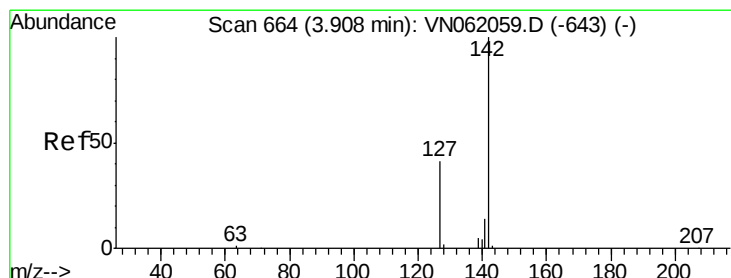
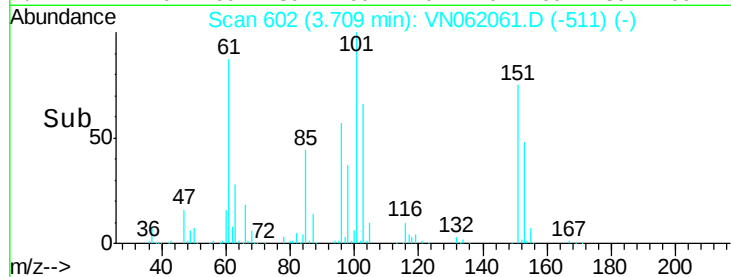
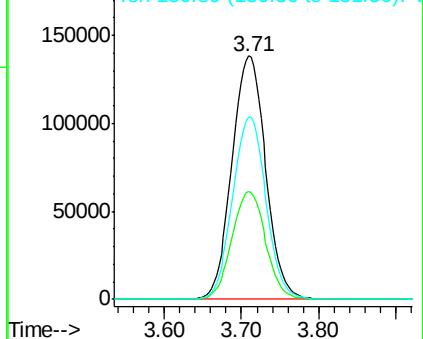
MMDadoda
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN062059.D (-582) (-)

Ion 150.80 (150.50 to 151.50): VN062059.D (-582) (-)



#10

Methyl Iodide

Concen: 184.139 ug/l

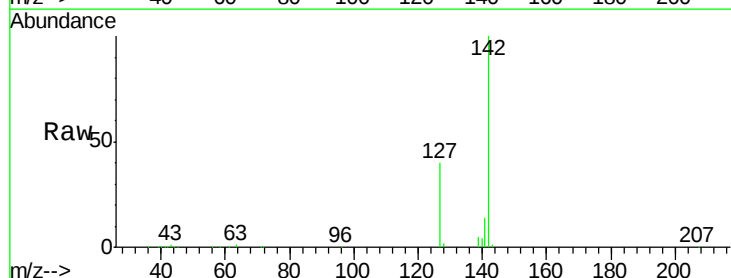
RT: 3.90 min Scan# 662

Delta R.T. -0.01 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

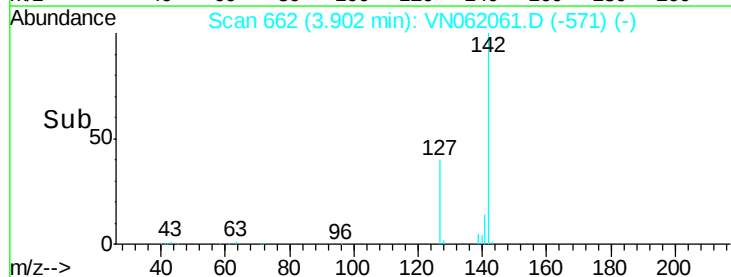
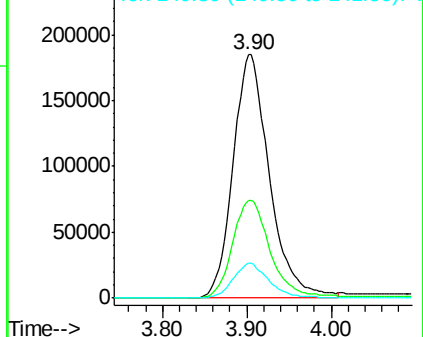
Tgt Ion:	142	Resp:	556481
Ion Ratio	Lower	Upper	
142	100		
127	41.9	33.6	50.4
141	14.1	11.3	16.9

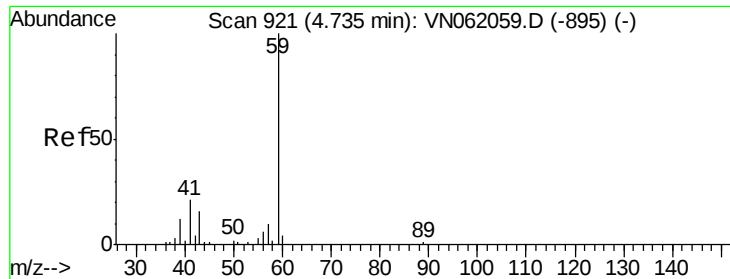


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): VN062059.D (-643) (-)

Ion 140.80 (140.50 to 141.50): VN062059.D (-643) (-)





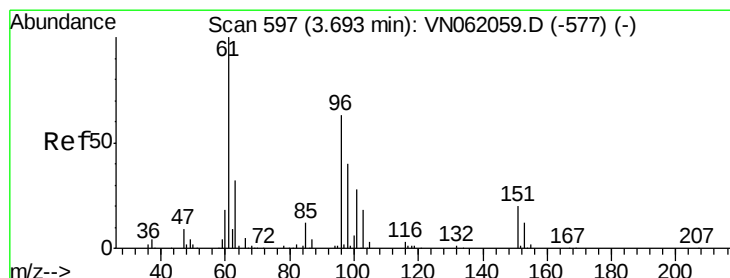
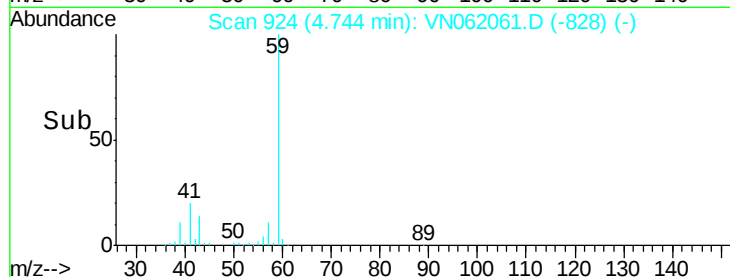
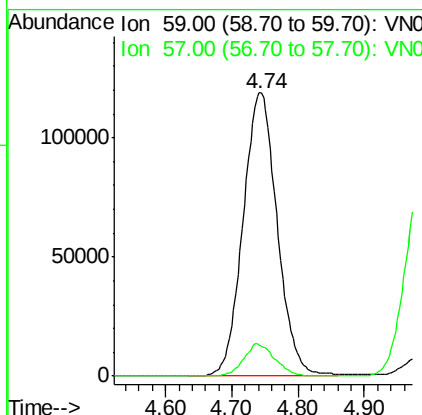
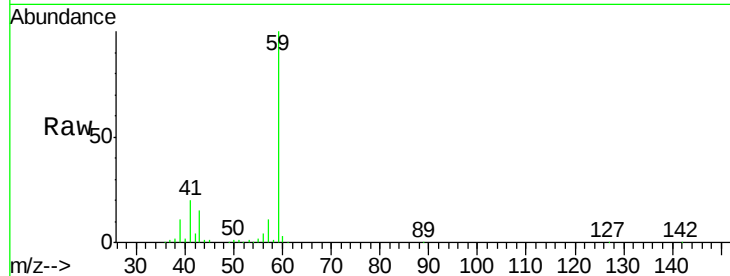
#11
Tert butyl alcohol
Concen: 835.594 ug/l
RT: 4.74 min Scan# 924
Delta R.T. 0.01 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 59 Resp: 426201
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

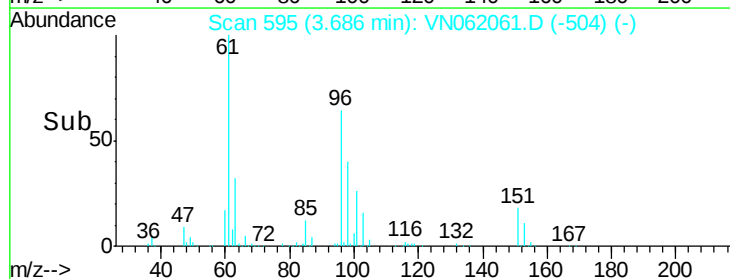
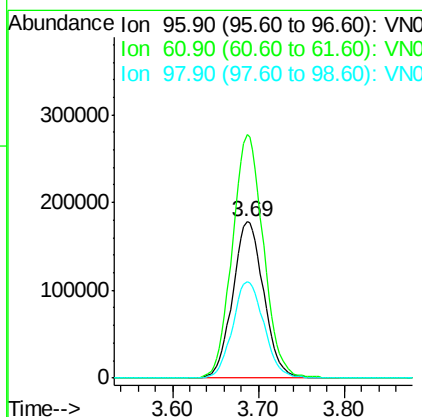
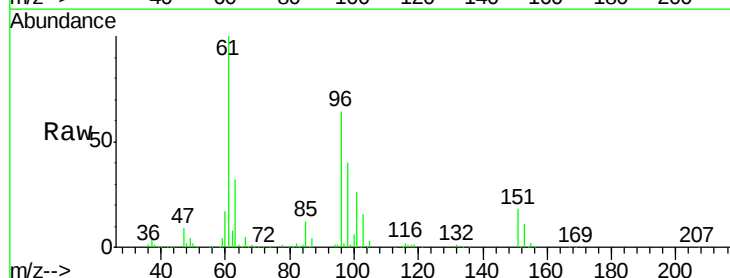
Manual Integrations
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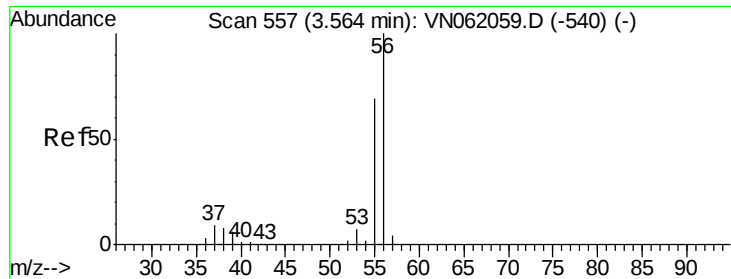
MMDadoda
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#12
1,1-Dichloroethene
Concen: 161.359 ug/l
RT: 3.69 min Scan# 595
Delta R.T. -0.01 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Tgt Ion: 96 Resp: 447036
Ion Ratio Lower Upper
96 100
61 155.9 126.7 190.1
98 61.8 51.0 76.4





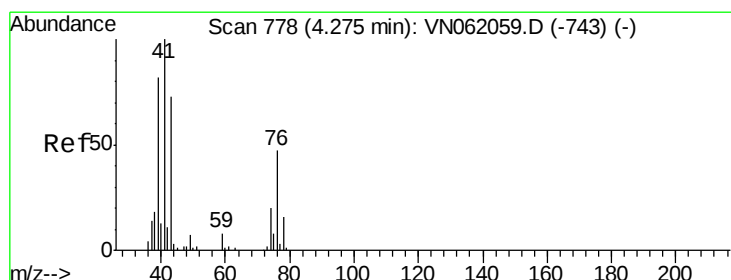
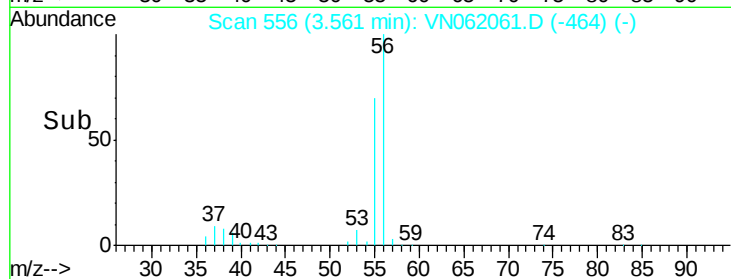
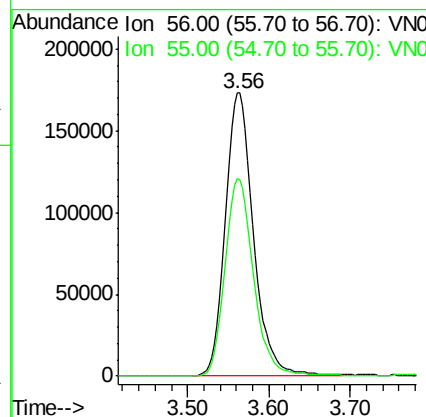
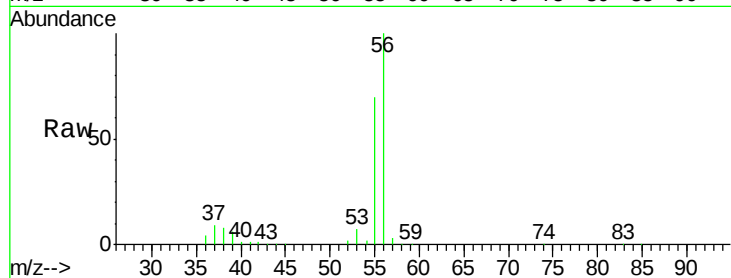
#13
Acrolein
Concen: 1212.364 ug/l
RT: 3.56 min Scan# 556
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	56	Resp	423205
Ion Ratio	100	Lower	Upper
56	100		
55	70.7	55.5	83.3

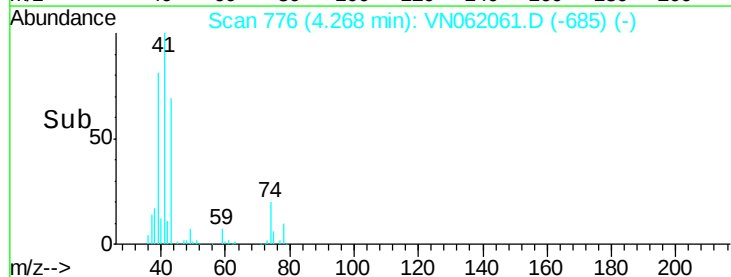
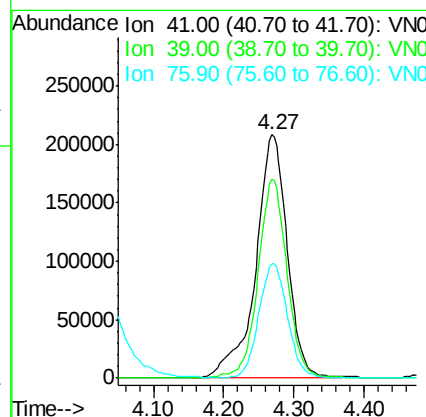
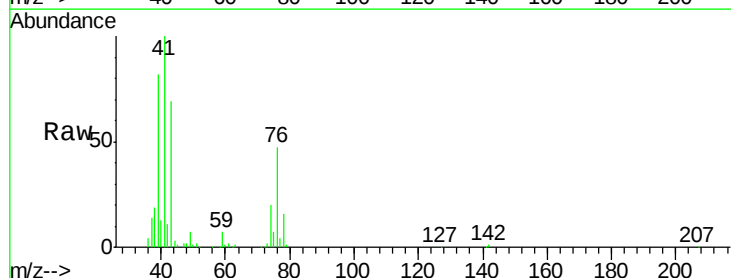
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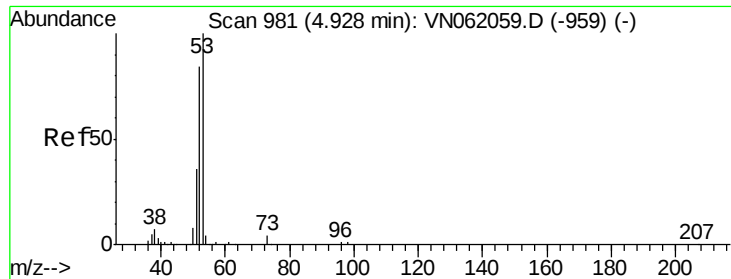
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#14
Allyl chloride
Concen: 175.131 ug/l
RT: 4.27 min Scan# 776
Delta R.T. -0.01 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Tgt Ion	41	Resp	651583
Ion Ratio	100	Lower	Upper
41	100		
39	75.1	60.0	90.0
76	41.9	34.1	51.1





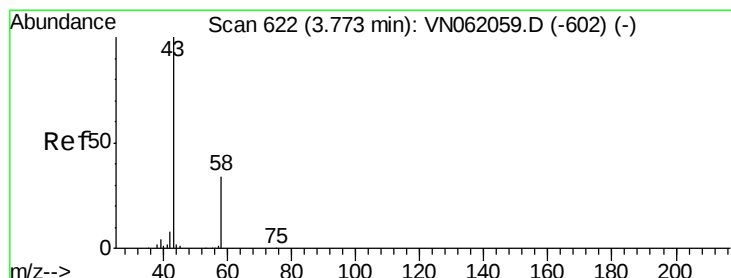
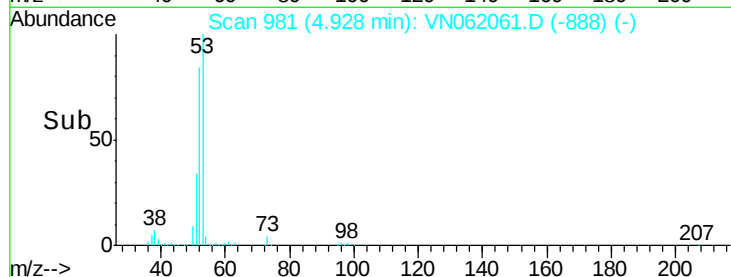
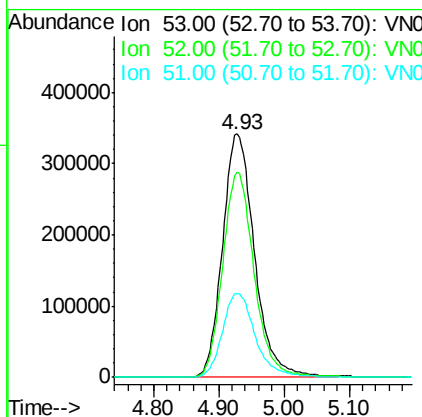
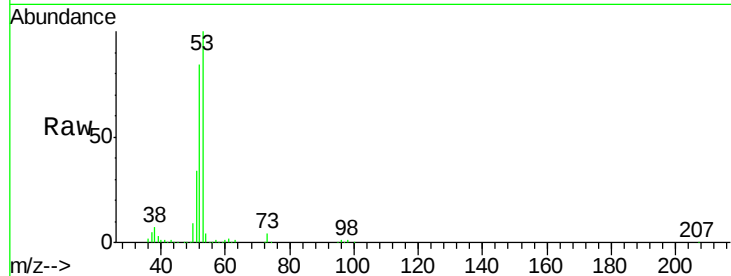
#15
 Acrylonitrile
 Concen: 912.211 ug/l
 RT: 4.93 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.2	99.4
51	35.5	28.9	43.3

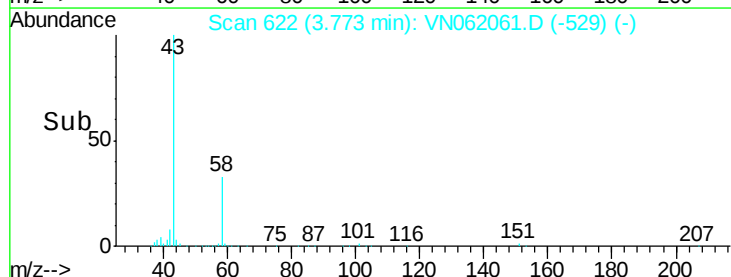
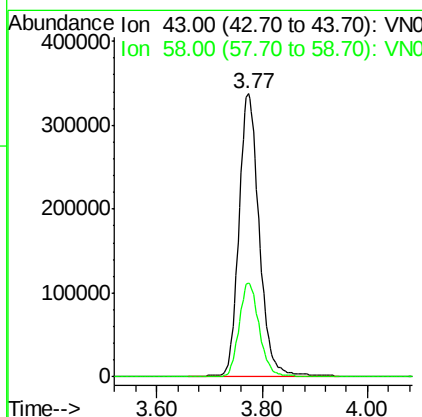
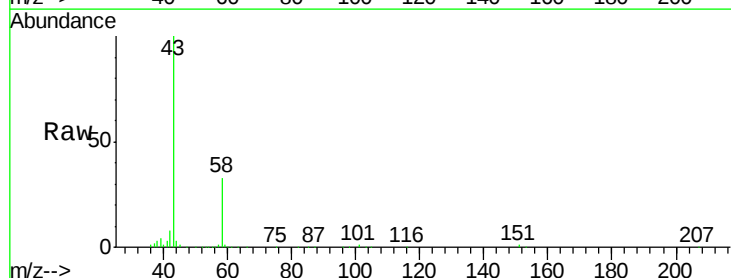
Manual Integrations
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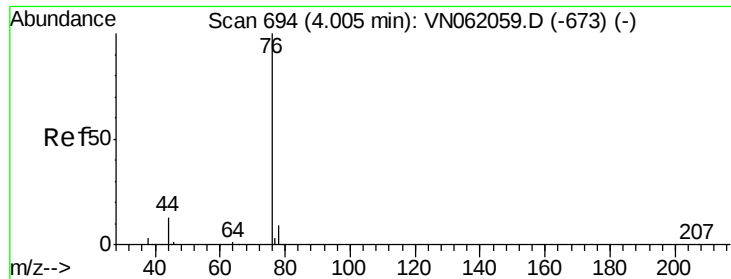
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#16
 Acetone
 Concen: 811.352 ug/l
 RT: 3.77 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.3	27.5	41.3





#17

Carbon Disulfide

Concen: 166.473 ug/l

RT: 4.00 min Scan# 693

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 1356949

Ion Ratio Lower Upper

76 100

78 9.1

7.2

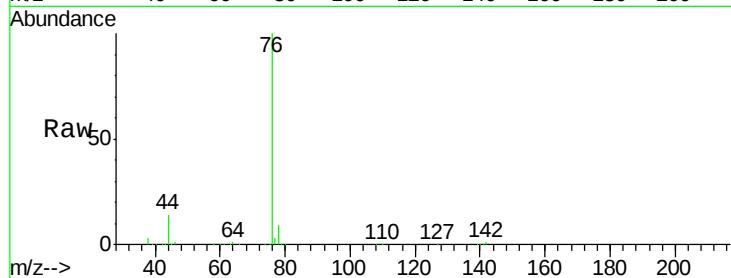
10.8

Manual Integrations

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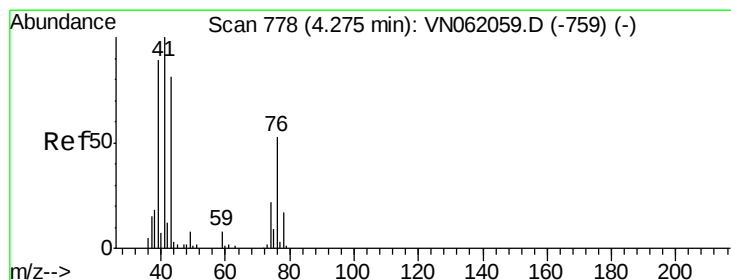
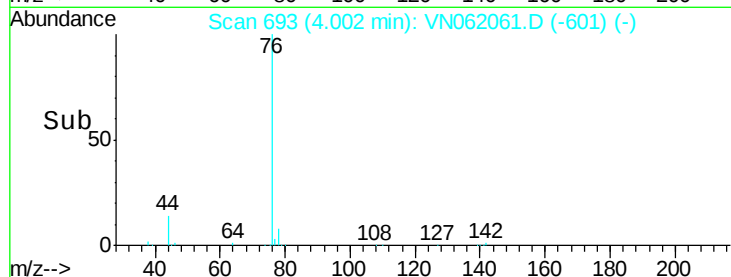
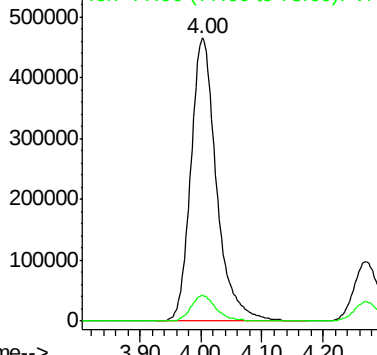
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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 142.880 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Tgt Ion: 43 Resp: 434296

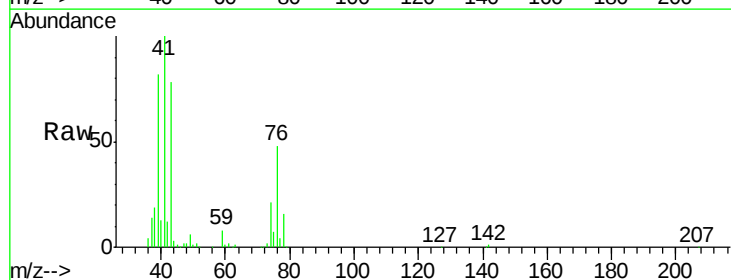
Ion Ratio Lower Upper

43 100

74 28.2

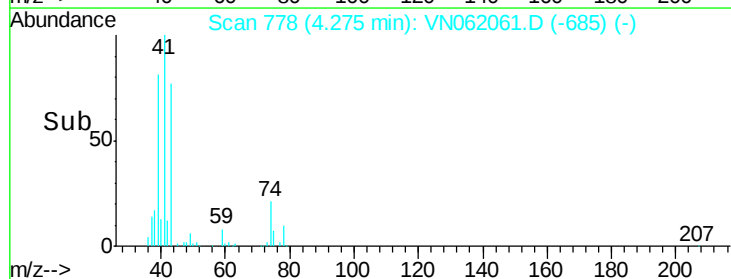
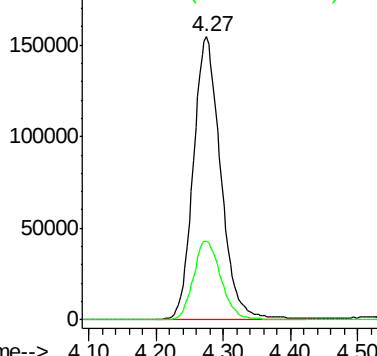
22.9

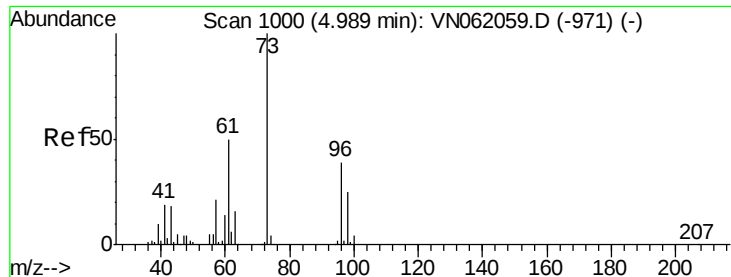
34.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





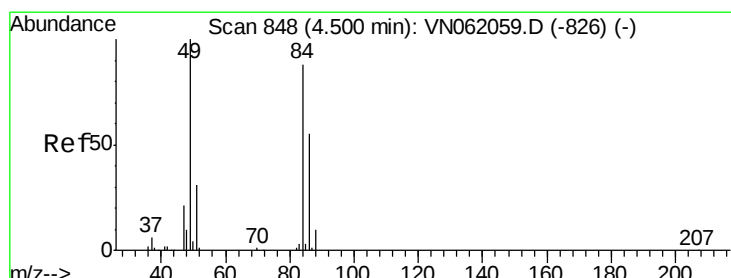
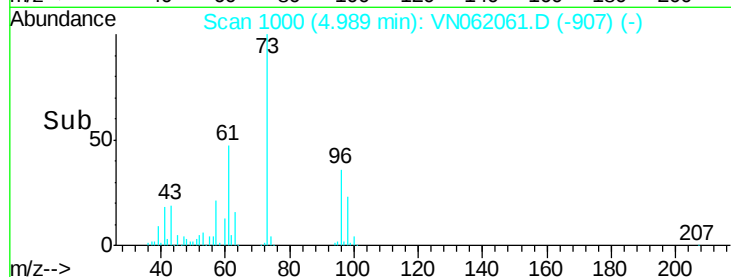
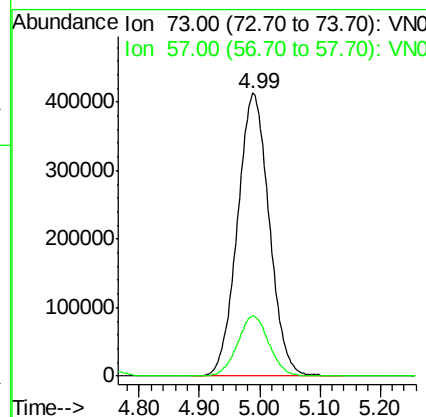
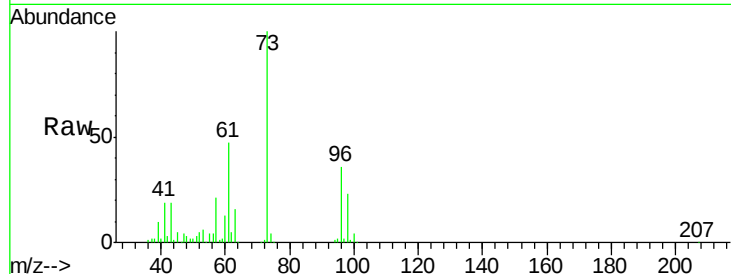
#19
Methvl tert-butvl Ether
Concen: 164.691 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 73 Resp: 1519544
Ion Ratio Lower Upper
73 100
57 21.2 16.6 24.8

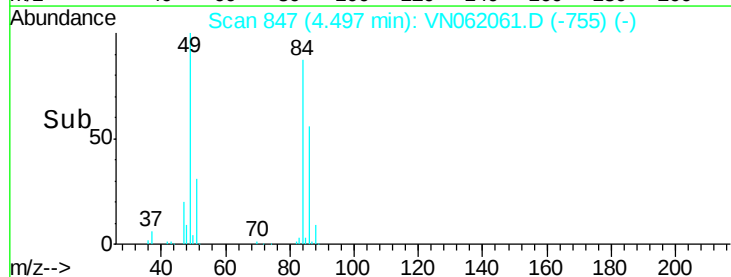
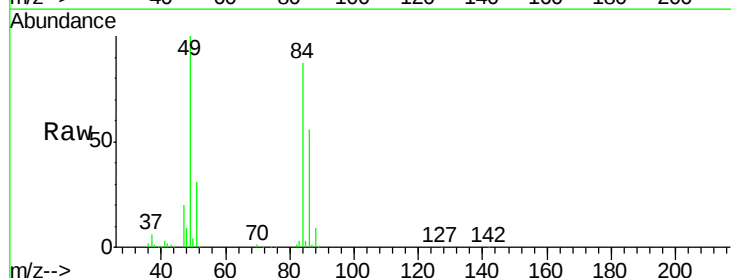
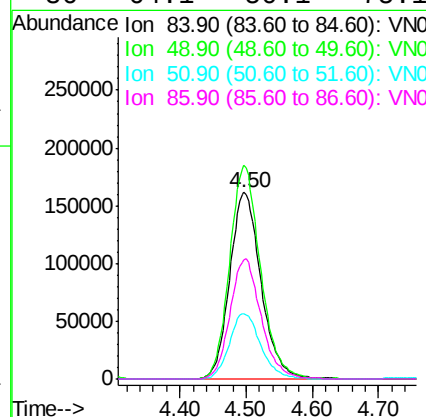
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#20
Methylene Chloride
Concen: 149.869 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Tgt Ion: 84 Resp: 529234
Ion Ratio Lower Upper
84 100
49 114.4 90.6 136.0
51 35.2 27.8 41.8
86 64.1 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 158.360 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Instrument :

MSVOA_N

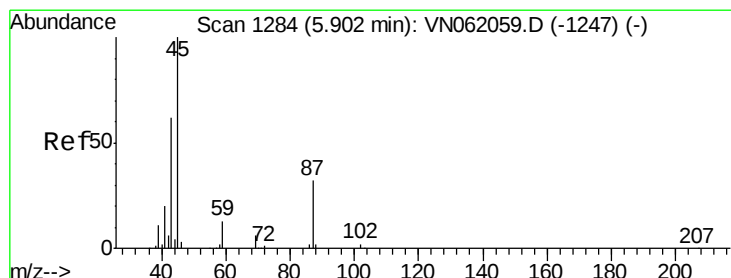
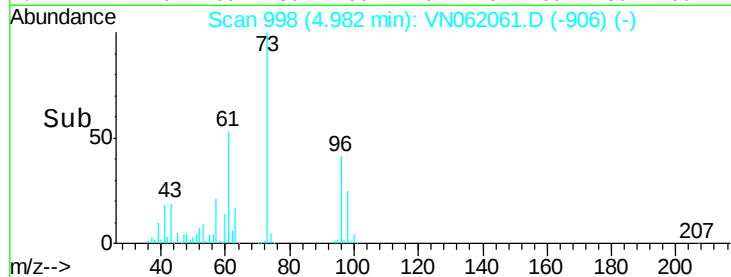
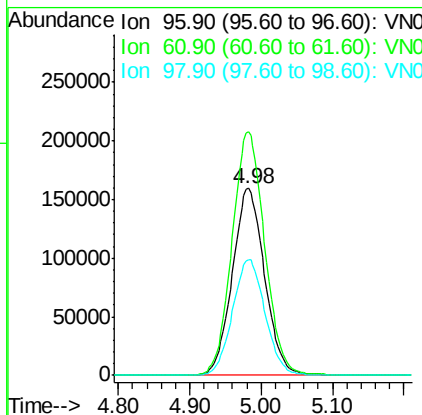
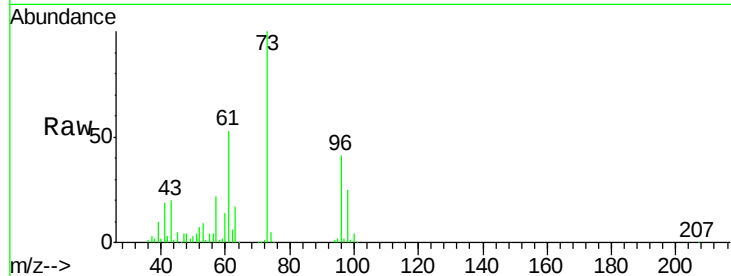
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	503560
Ion	Ratio	Lower	Upper
96	100		
61	130.2	101.4	152.2
98	62.0	49.3	73.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 176.820 ug/l

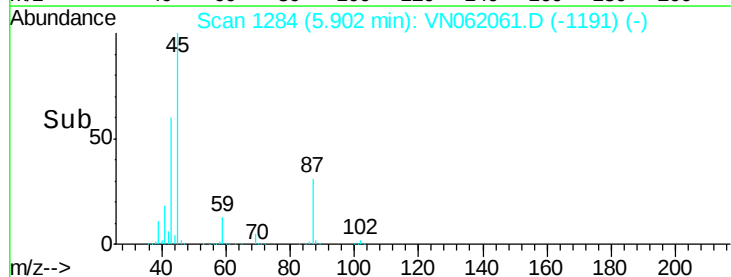
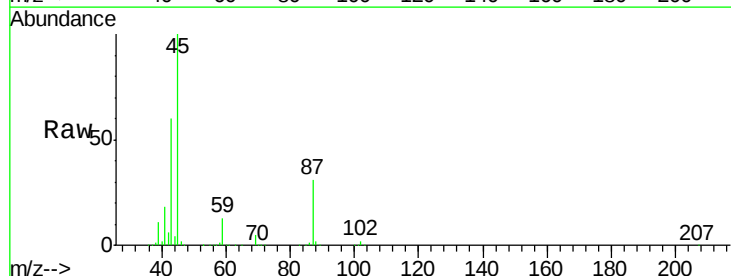
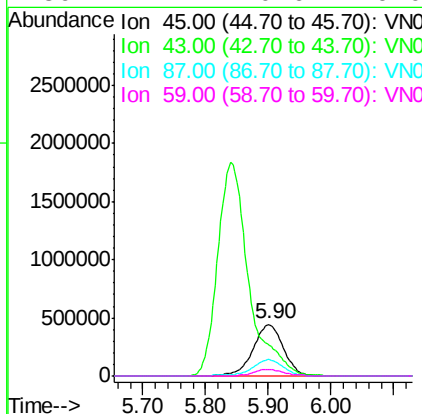
RT: 5.90 min Scan# 1284

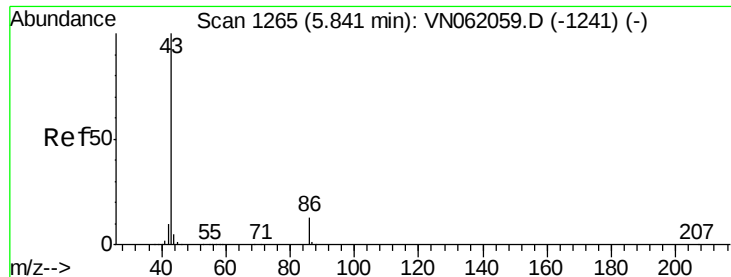
Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Tgt Ion:	45	Resp:	1503078
Ion	Ratio	Lower	Upper
45	100		
43	59.2	49.7	74.5
87	31.2	25.9	38.9
59	12.4	10.6	16.0





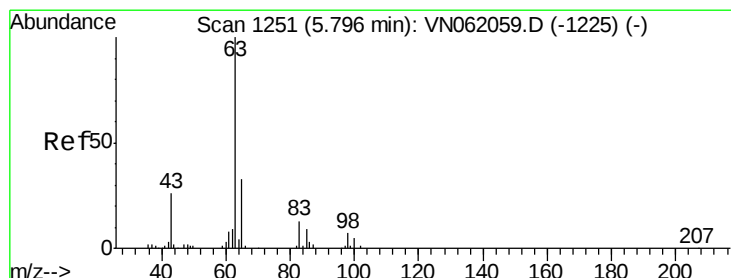
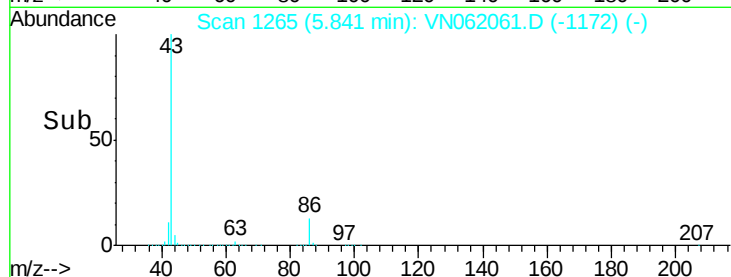
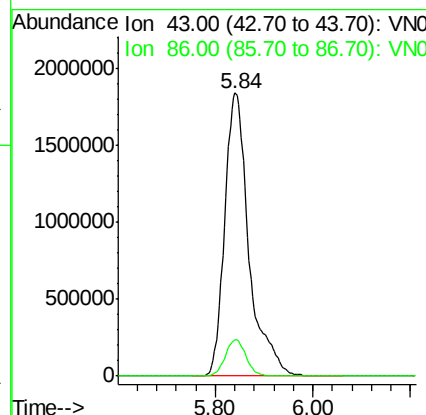
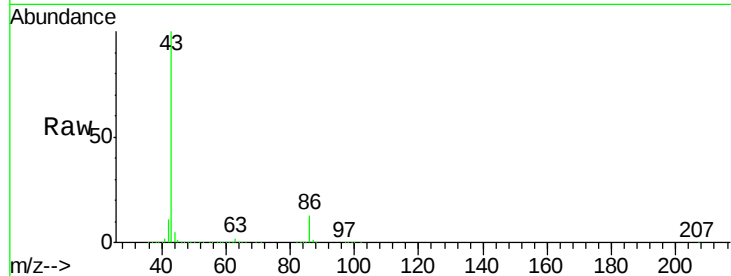
#23
 Vinyl Acetate
 Concen: 936.458 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion: 43 Resp: 6329477
 Ion Ratio Lower Upper
 43 100
 86 12.7 10.1 15.1

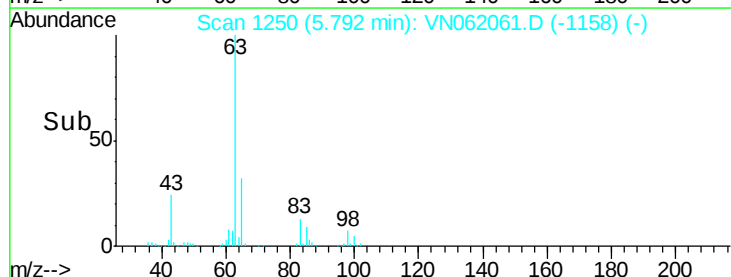
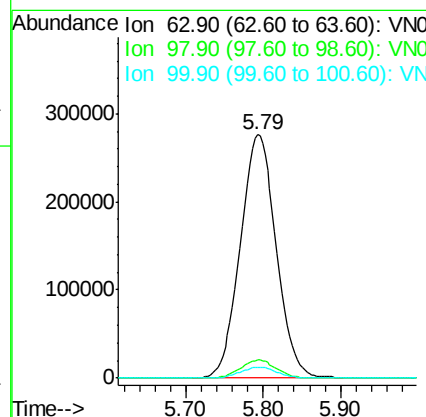
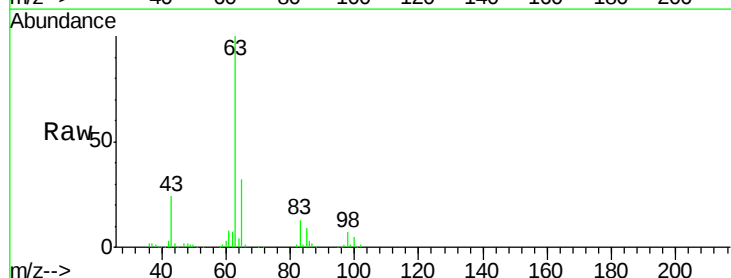
Manual Integrations
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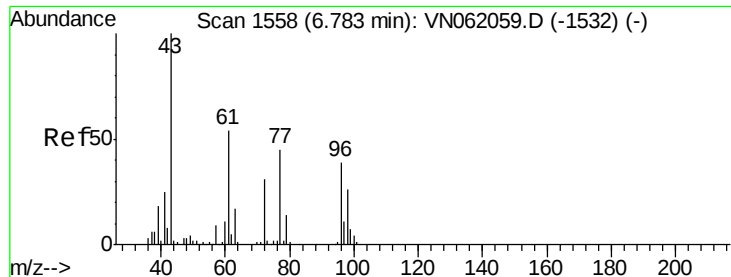
MMDadoda
 6/25/2020 6:10:17 PM



#24
 1,1-Dichloroethane
 Concen: 160.913 ug/l
 RT: 5.79 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

Tgt Ion: 63 Resp: 890669
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 4.6 2.4 7.1





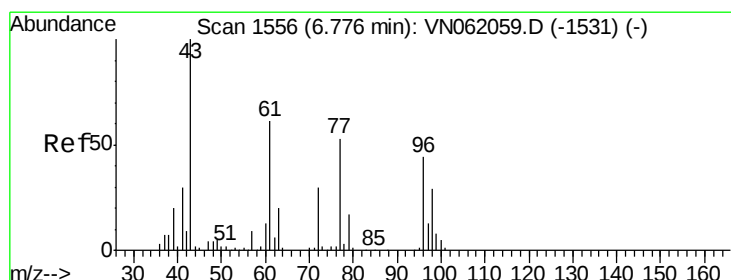
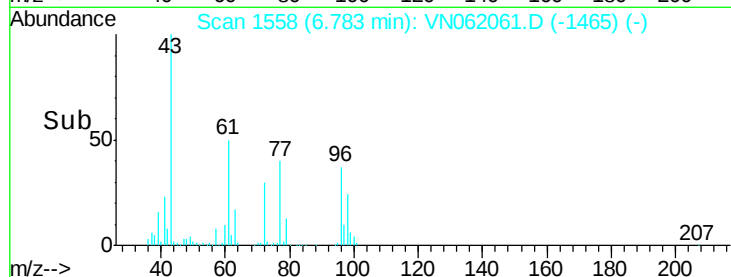
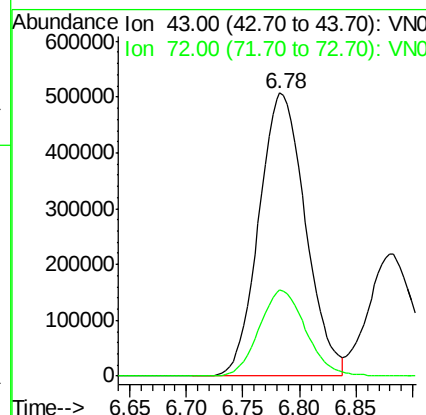
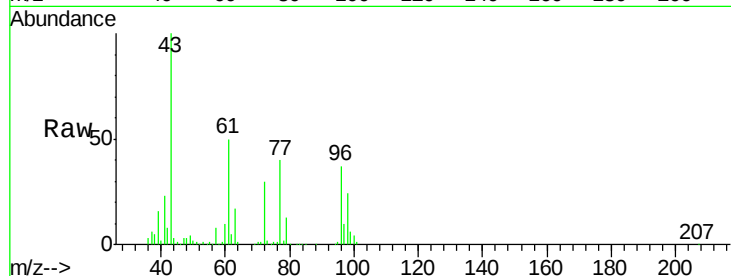
#25
2-Butanone
Concen: 898.875 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1443891
Ion Ratio Lower Upper
43 100
72 30.3 24.8 37.2

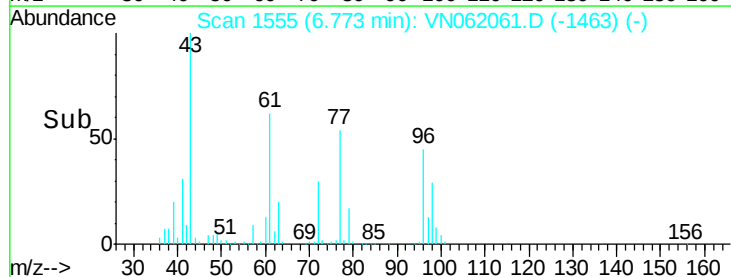
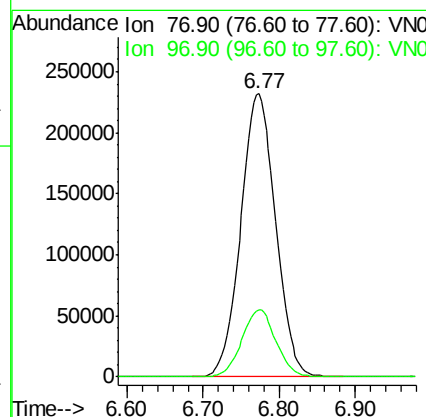
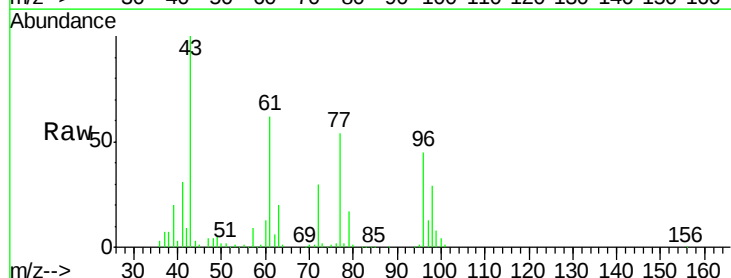
Manual Integrations
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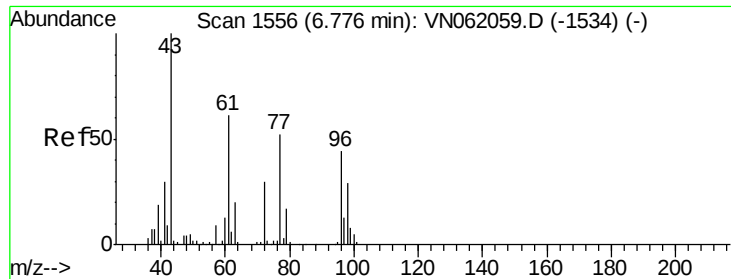
MMDadoda
6/25/2020 6:10:17 PM



#26
2,2-Dichloropropane
Concen: 157.631 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Tgt Ion: 77 Resp: 737932
Ion Ratio Lower Upper
77 100
97 23.2 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 155.396 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062061.D

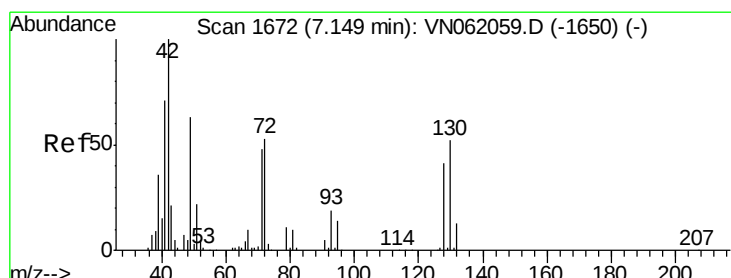
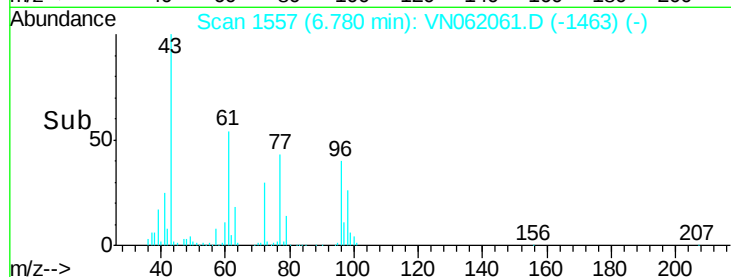
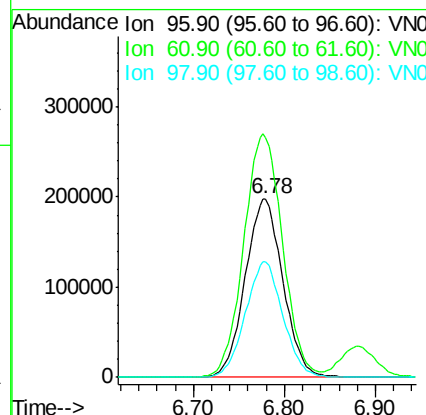
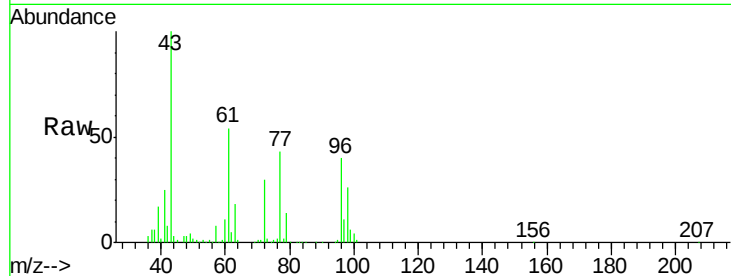
Acq: 24 Jun 2020 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100	569251		
61	140.3		0.0	280.4
98	64.6		0.0	129.4

Manual Integrations
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#28

Bromochloromethane

Concen: 165.752 ug/l

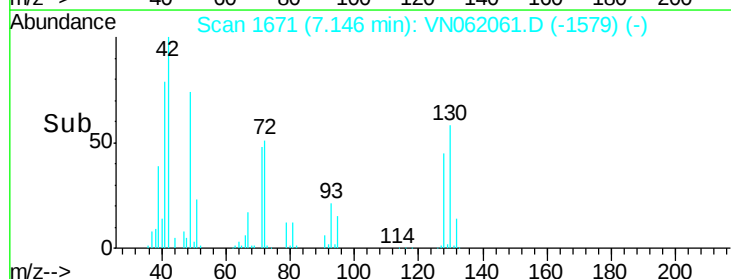
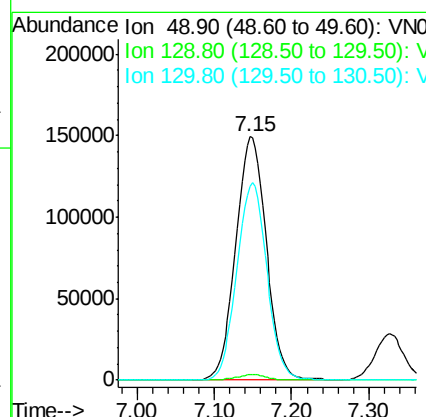
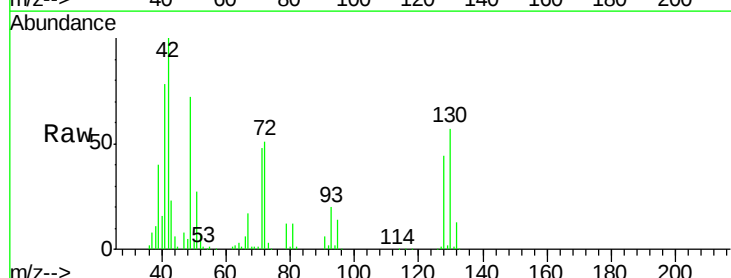
RT: 7.15 min Scan# 1671

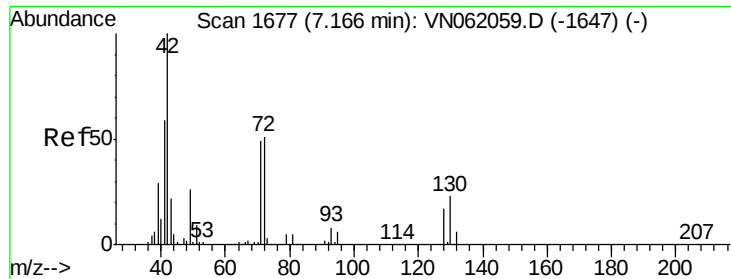
Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	410021		
129	2.1		0.0	4.4
130	79.8		65.5	98.3





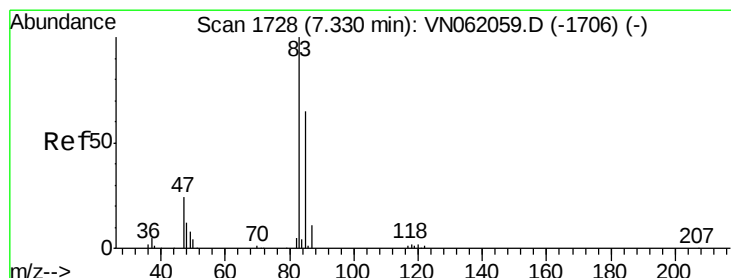
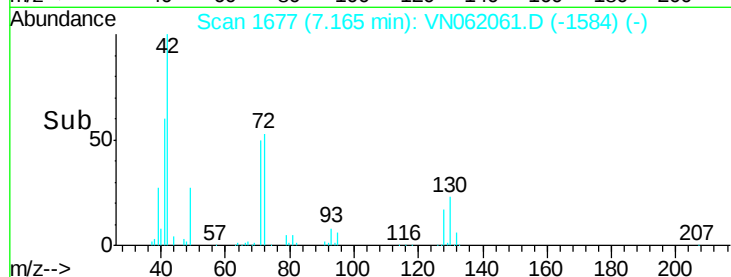
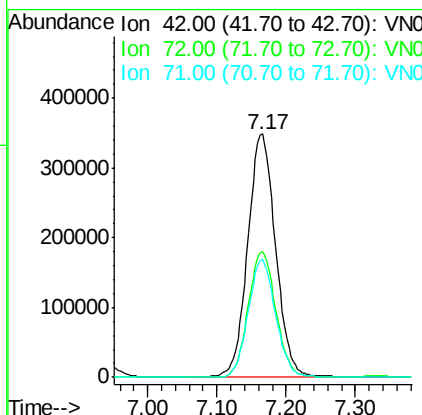
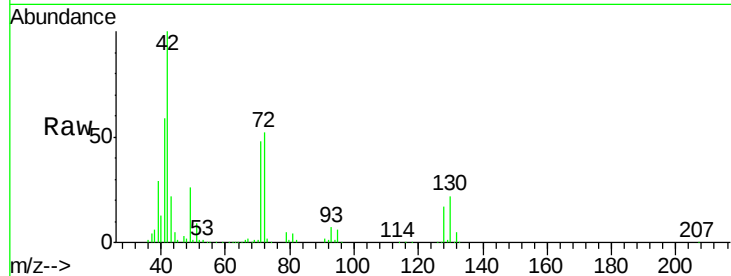
#29
Tetrahydrofuran
Concen: 917.213 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.3	41.1	61.7
71	47.8	38.2	57.4

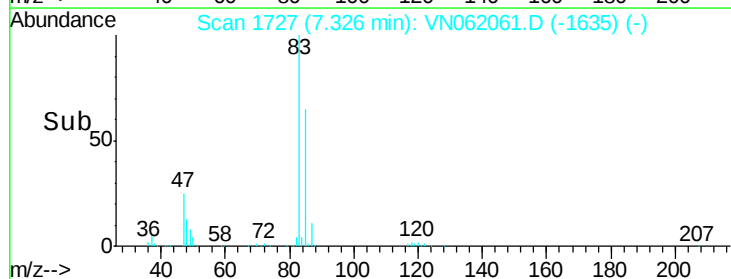
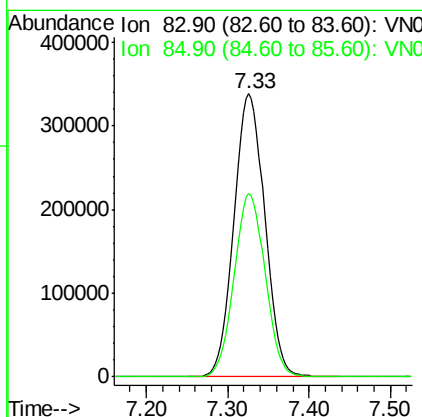
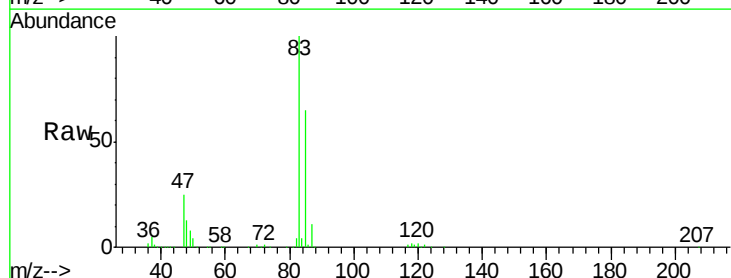
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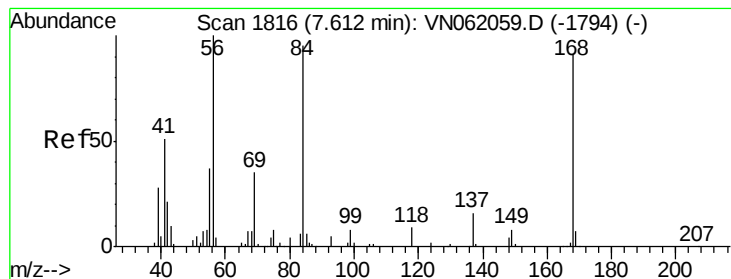
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#30
Chloroform
Concen: 151.792 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.3	78.5





#31

Cyclohexane

Concen: 157.251 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 763123

Ion Ratio Lower Upper

56 100

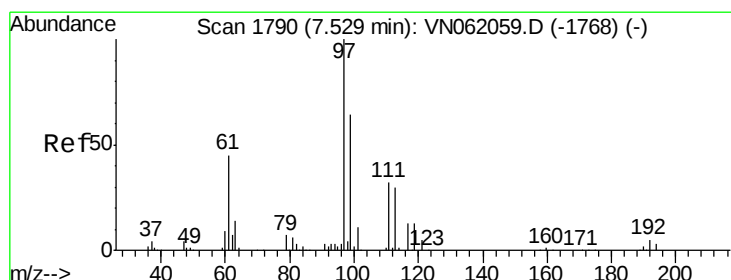
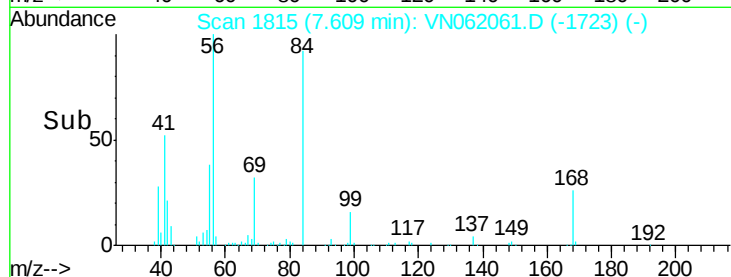
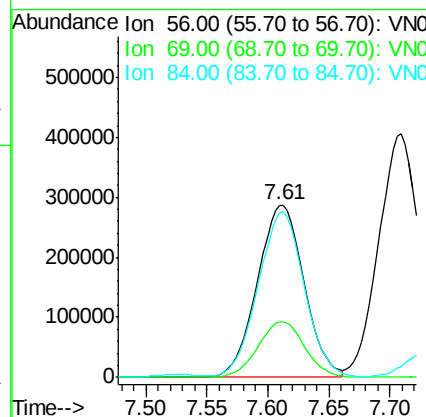
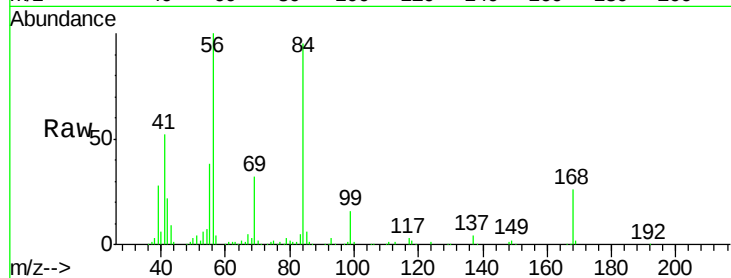
69 32.3 28.0 42.0

84 94.2 76.1 114.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 153.265 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

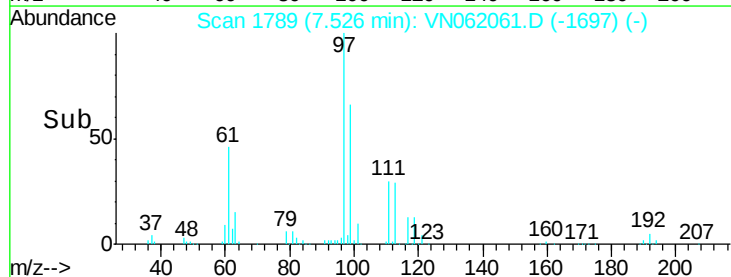
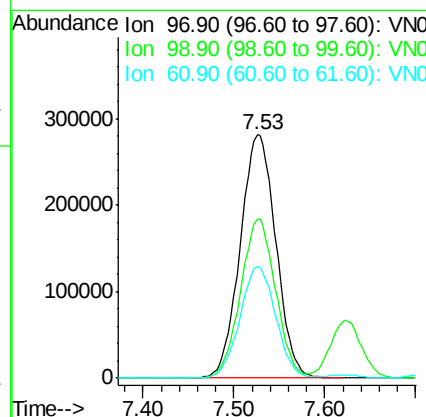
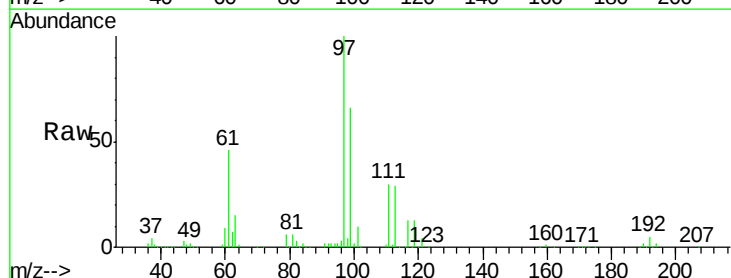
Tgt Ion: 97 Resp: 766378

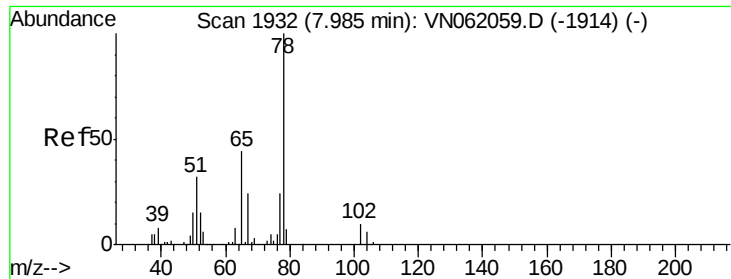
Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.4

61 46.0 36.2 54.2





#33

1,2-Dichloroethane-d4

Concen: 166.108 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

Tot Ion: 65 Resp: 604236

Ion Ratio Lower Upper

65 100

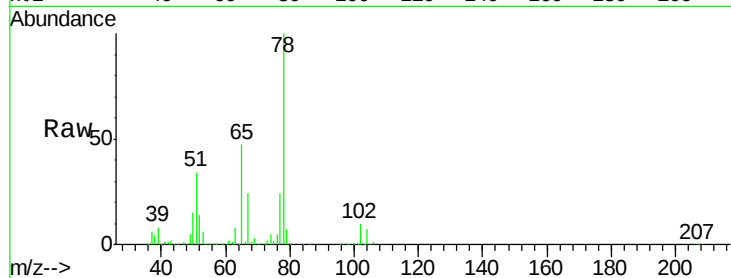
67 52.0 0.0 106.2

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VN062059.D (-1914) (-)

Ion 66.90 (66.60 to 67.60): VN062059.D (-1914) (-)

7.99

250000

200000

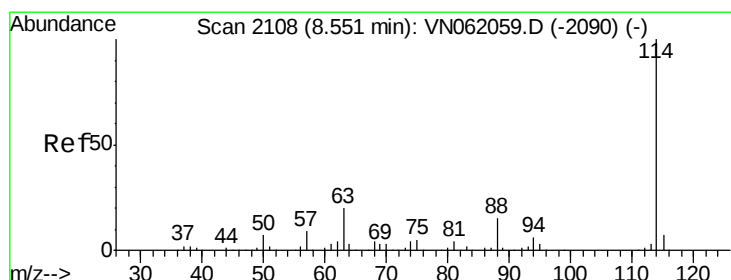
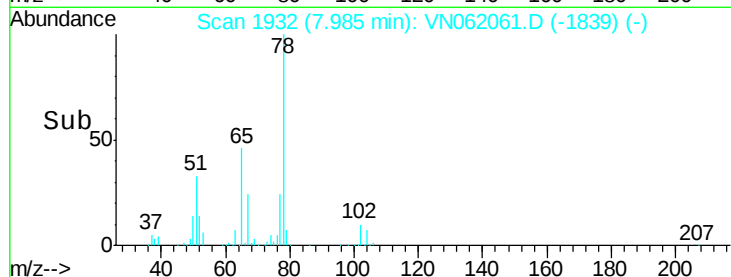
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

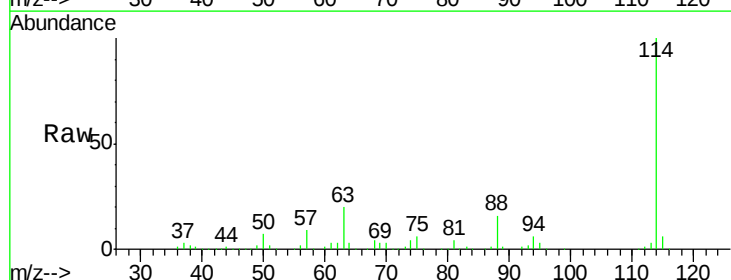
Tgt Ion: 114 Resp: 483073

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.2

88 15.8 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): VN062059.D (-2090) (-)

Ion 63.00 (62.70 to 63.70): VN062059.D (-2090) (-)

Ion 87.90 (87.60 to 88.60): VN062059.D (-2090) (-)

8.55

300000

250000

200000

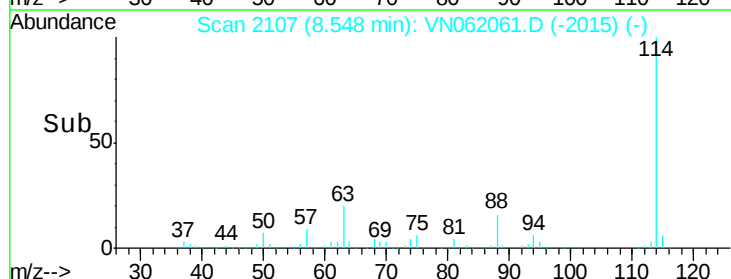
150000

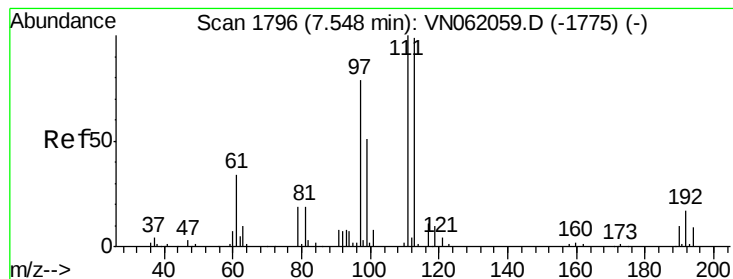
100000

50000

0

Time-->





#35

Dibromofluoromethane

Concen: 157.501 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Instrument :

MSVOA_N

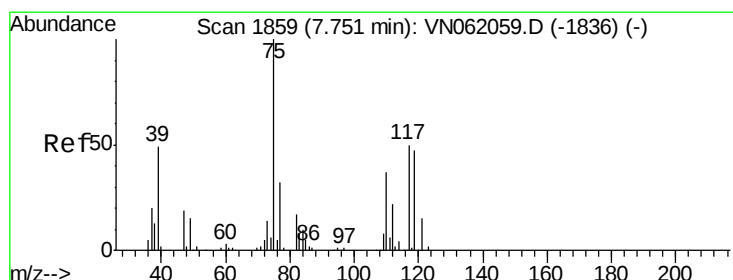
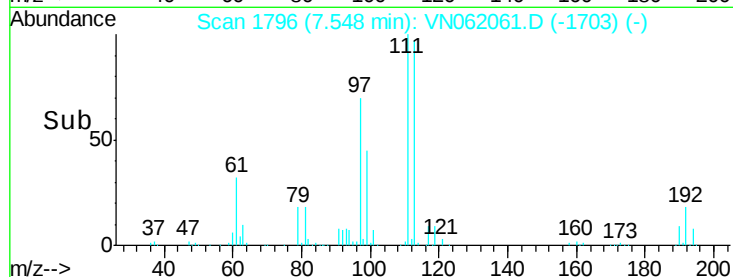
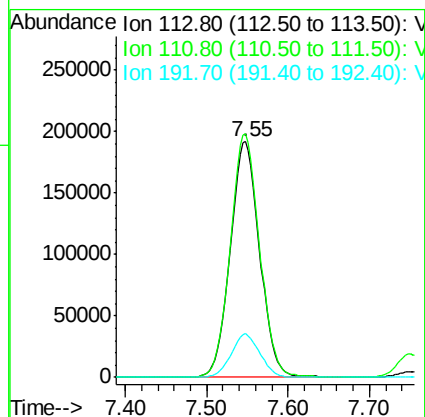
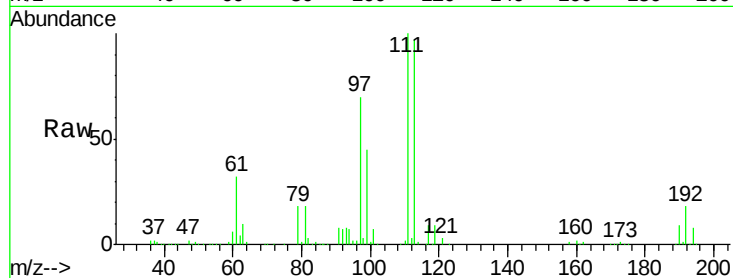
ClientSampleId :

VSTDIC150

Tot Ion:	113	Resp:	482849
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.4
192	18.0	14.0	21.0

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#36

1,1-Dichloropropene

Concen: 158.831 ug/l

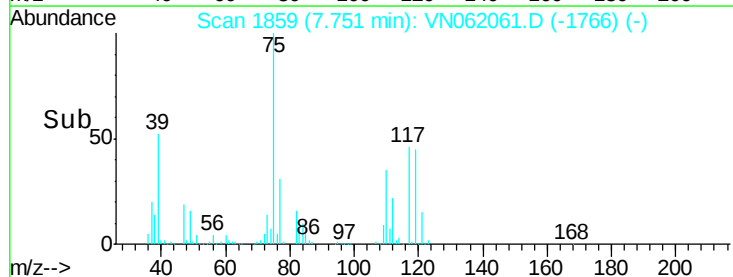
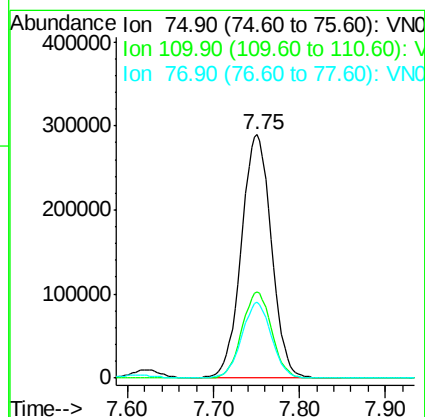
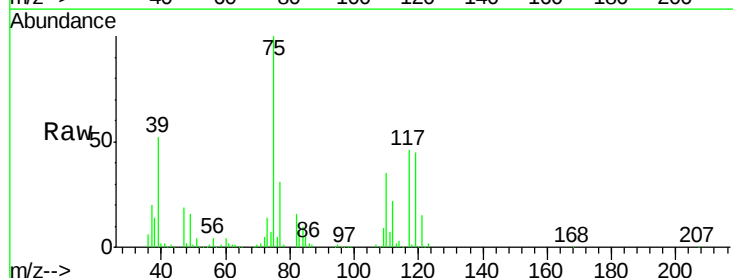
RT: 7.75 min Scan# 1859

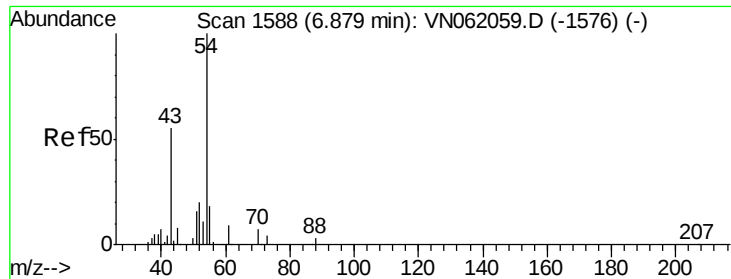
Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Tgt Ion:	75	Resp:	701393
Ion	Ratio	Lower	Upper
75	100		
110	35.2	17.9	53.8
77	31.0	24.9	37.3





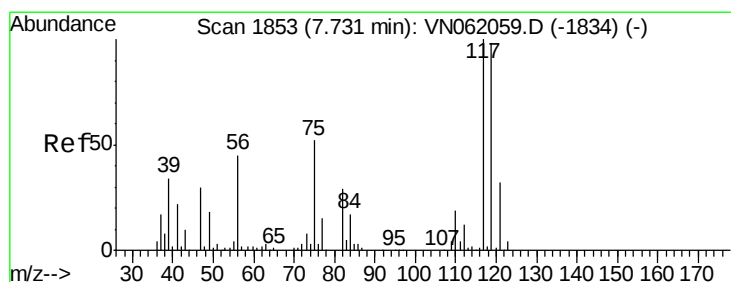
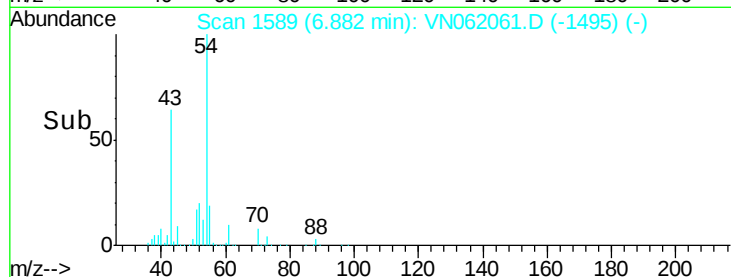
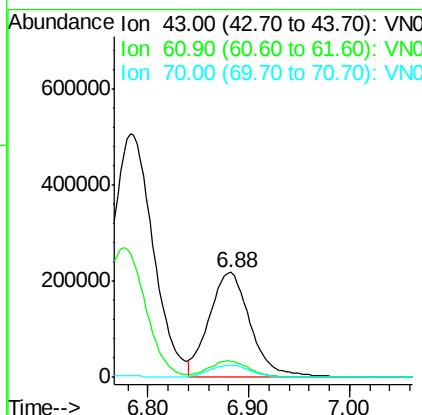
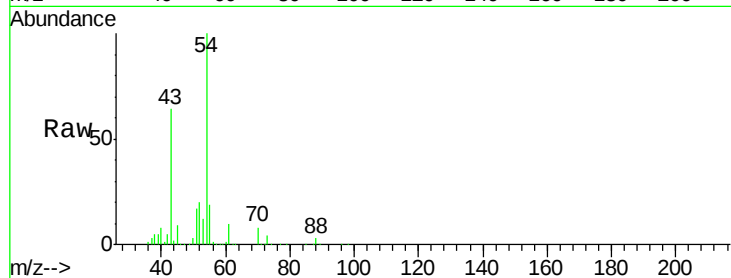
#37
Ethyl Acetate
Concen: 175.744 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.0	18.0
70	11.6	9.6	14.4

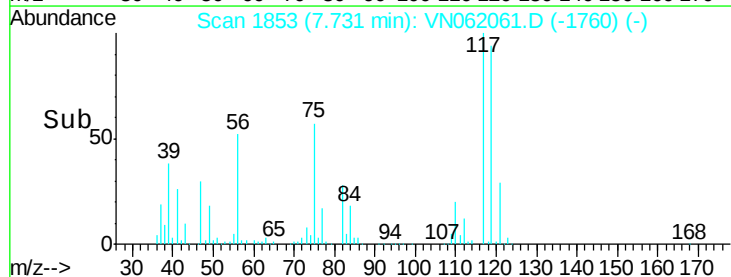
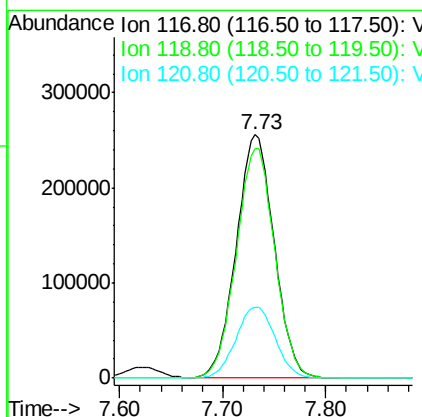
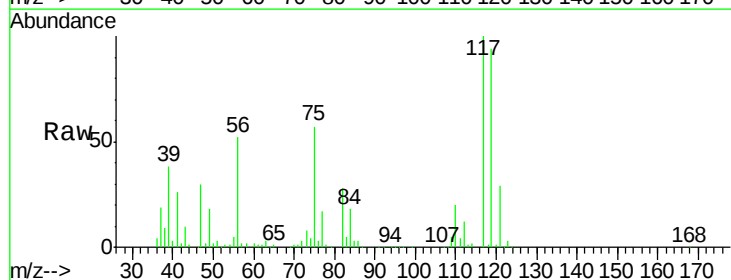
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 149.426 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	78.2	117.2
121	29.0	25.8	38.6





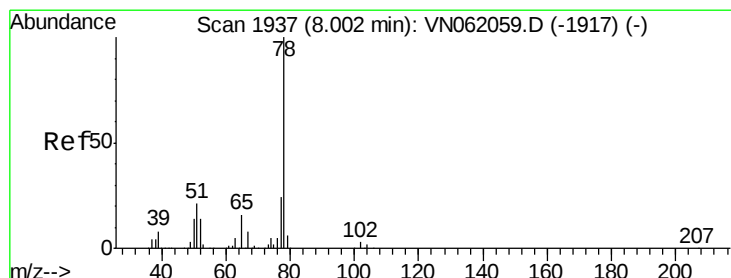
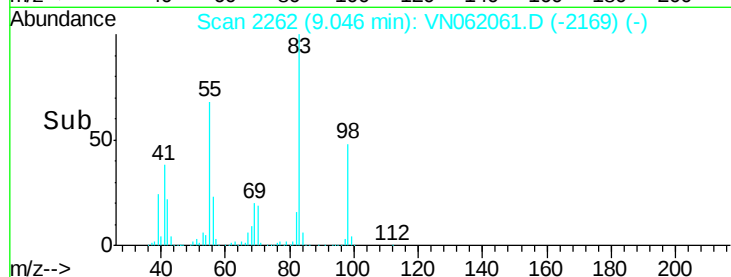
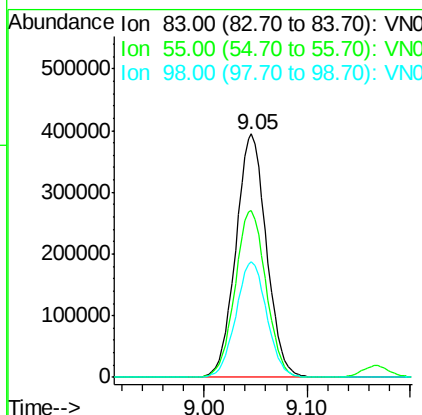
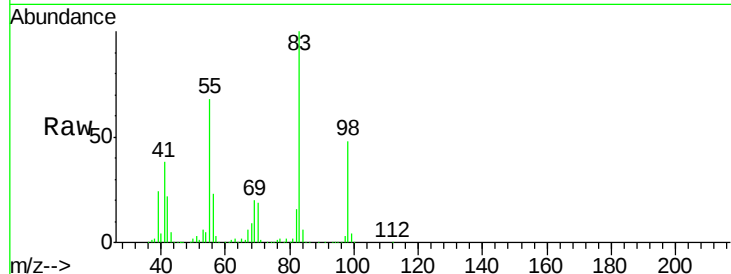
#39
Methvlcvclohexane
Concen: 171.209 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	83	Resp	814503
Ion Ratio	Lower	Upper	
83	100		
55	68.4	57.0	85.6
98	47.6	39.0	58.6

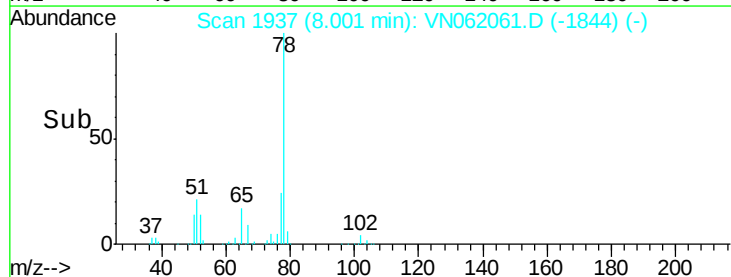
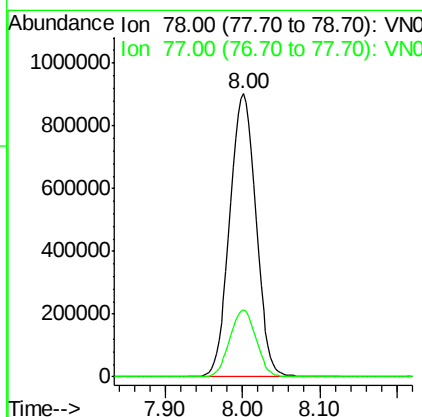
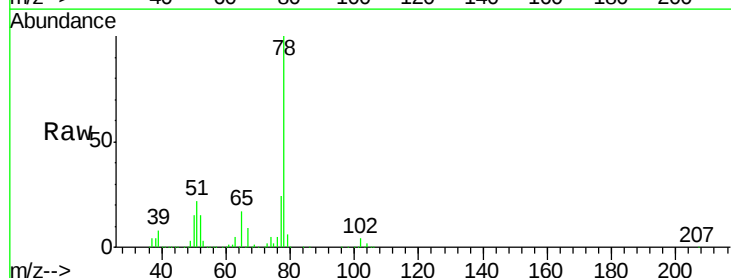
Manual Integrations
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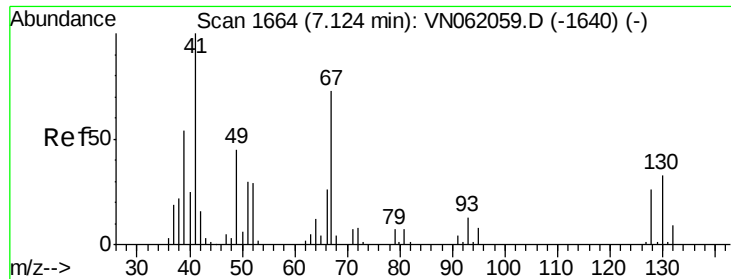
MMDadoda
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#40
Benzene
Concen: 157.517 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Tgt Ion	78	Resp	2117369
Ion Ratio	Lower	Upper	
78	100		
77	23.9	19.5	29.3





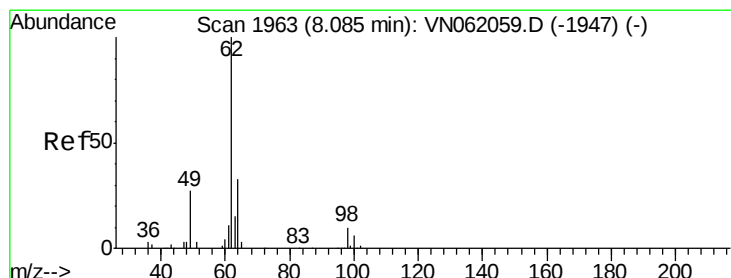
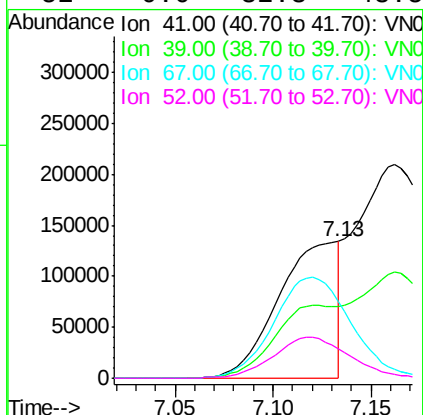
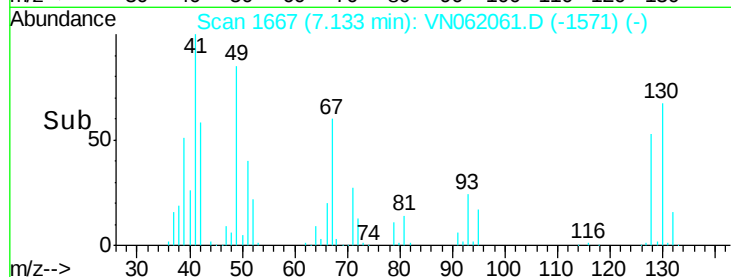
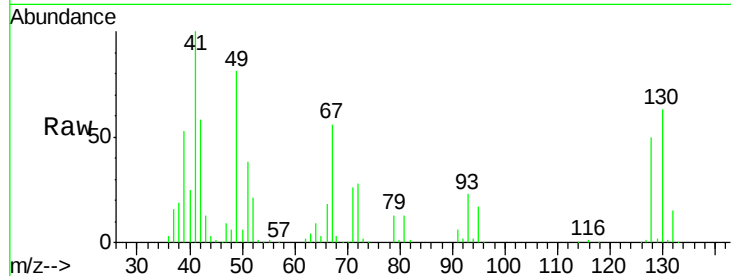
#41
Methacrylonitrile
Concen: 187.665 ug/l m
RT: 7.13 min Scan# 1667
Delta R.T. 0.01 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.2	66.2#
67	0.0	79.5	119.3#
52	0.0	32.3	48.5#

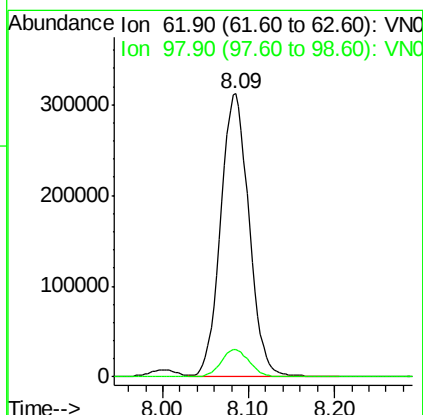
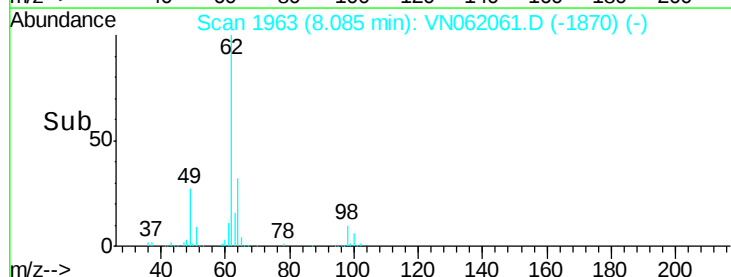
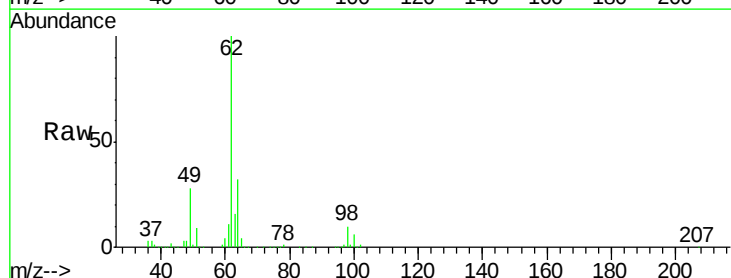
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#42
1,2-Dichloroethane
Concen: 156.326 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.8





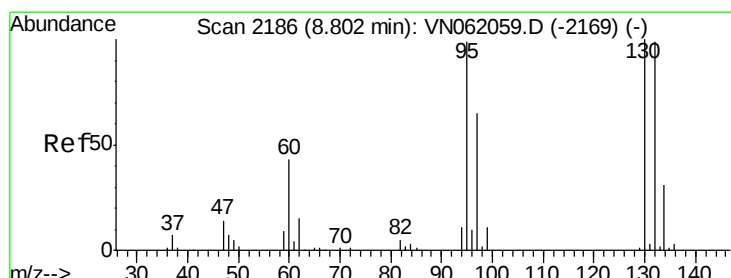
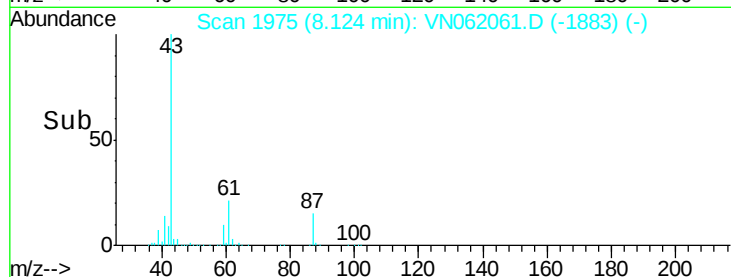
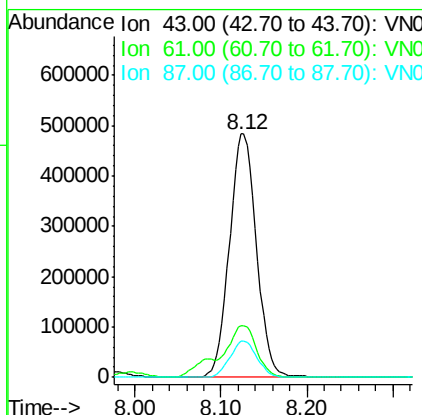
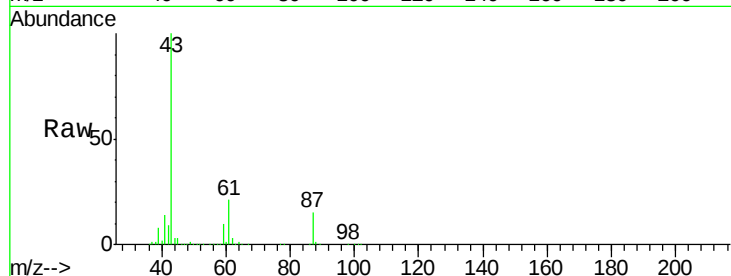
#43
Isopropyl Acetate
Concen: 179.478 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1051220
Ion Ratio Lower Upper
43 100
61 21.8 17.2 25.8
87 15.1 12.1 18.1

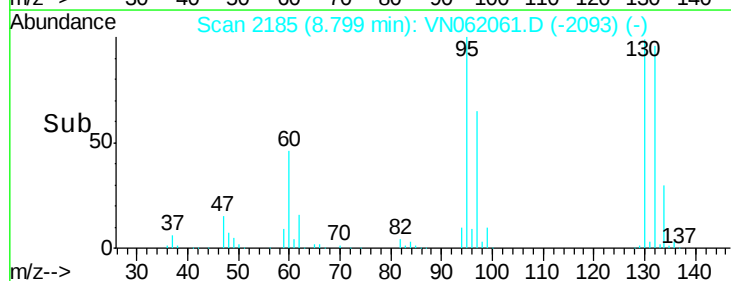
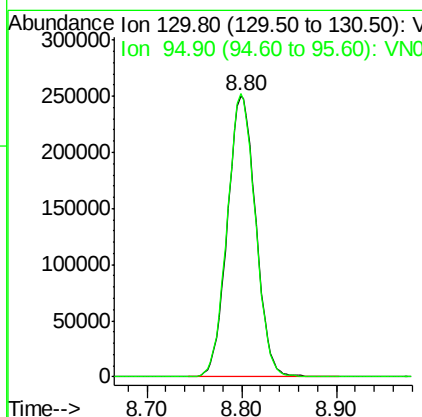
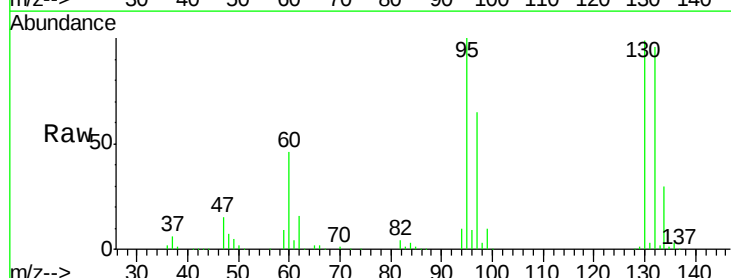
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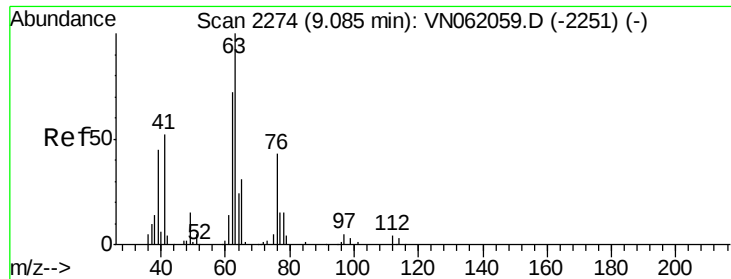
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#44
Trichloroethene
Concen: 148.643 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Tgt Ion: 130 Resp: 520892
Ion Ratio Lower Upper
130 100
95 100.6 0.0 197.8





#45

1,2-Dichloropropane

Concen: 160.316 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 63 Resp: 528939

Ion Ratio Lower Upper

63 100

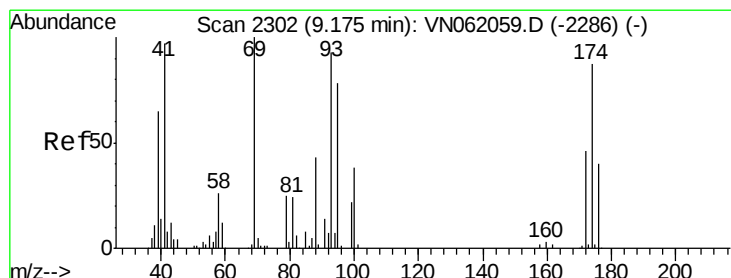
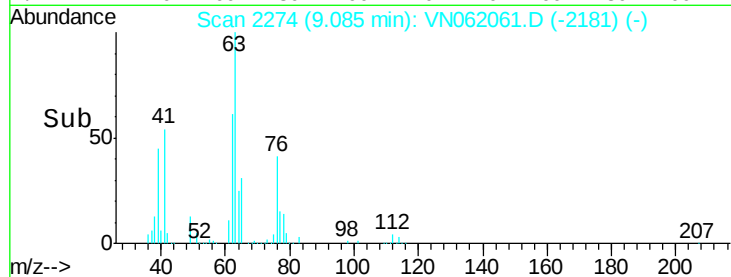
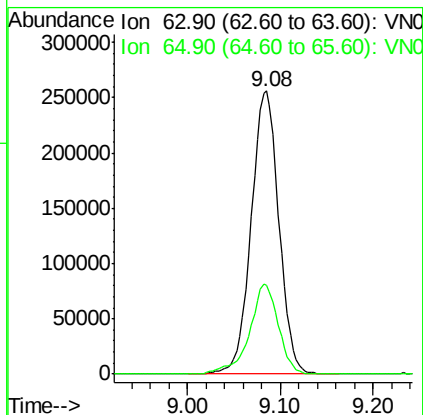
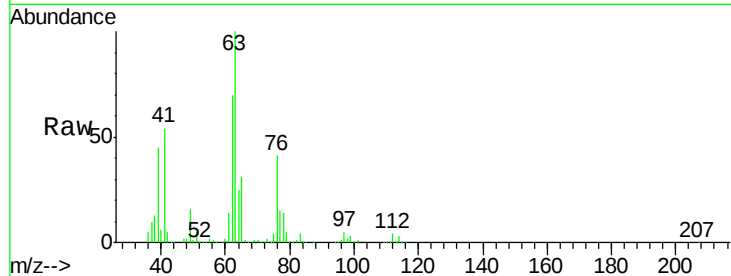
65 31.5 25.0 37.4

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#46

Dibromomethane

Concen: 152.481 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

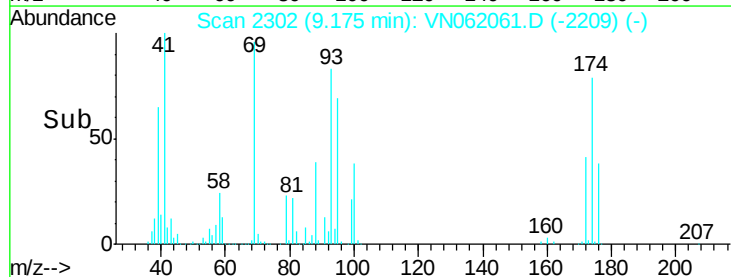
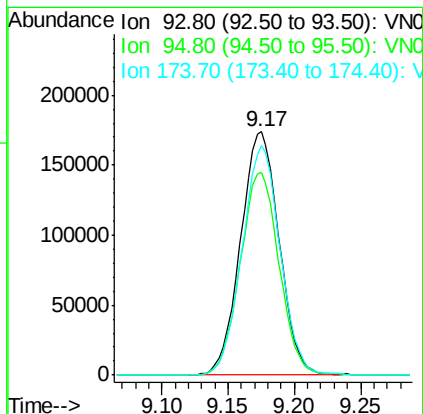
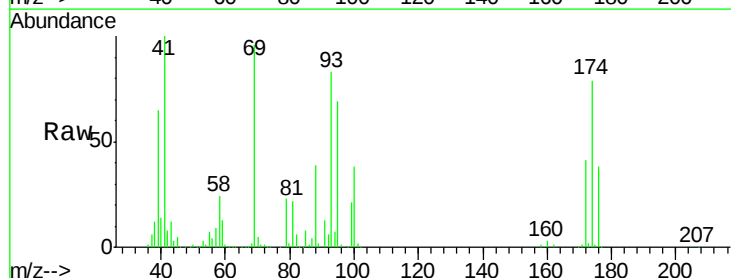
Tgt Ion: 93 Resp: 352171

Ion Ratio Lower Upper

93 100

95 84.1 67.0 100.6

174 93.3 74.4 111.6





#47

Bromodichloromethane

Concen: 155.060 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Instrument :

MSVOA_N

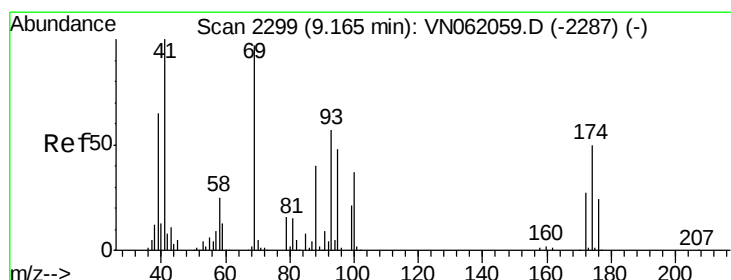
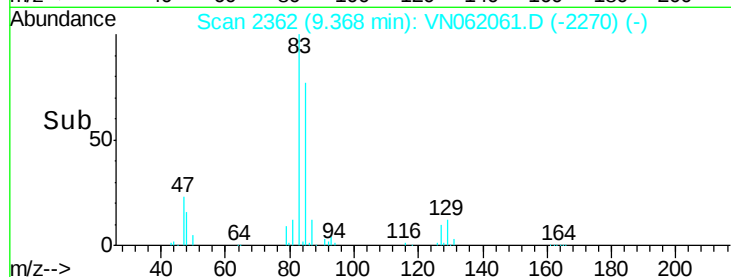
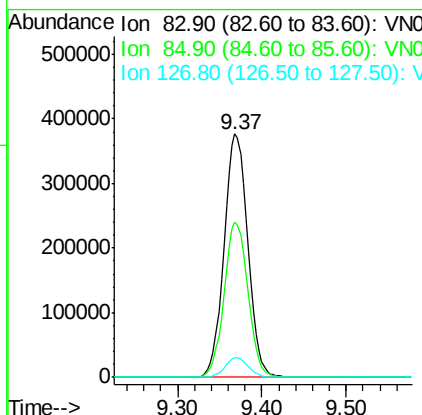
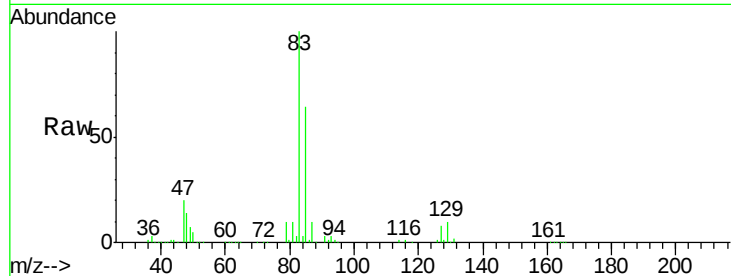
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	735542
Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.3	75.5
127	8.0	6.9	10.3

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#48

Methyl methacrylate

Concen: 183.821 ug/l

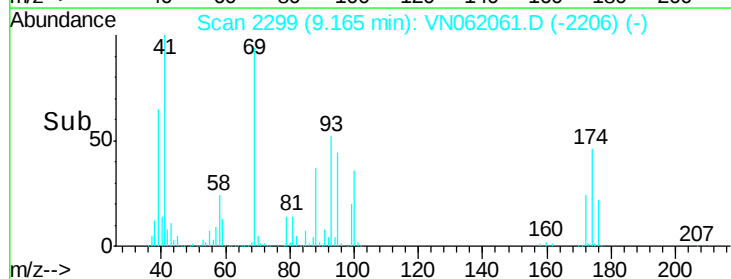
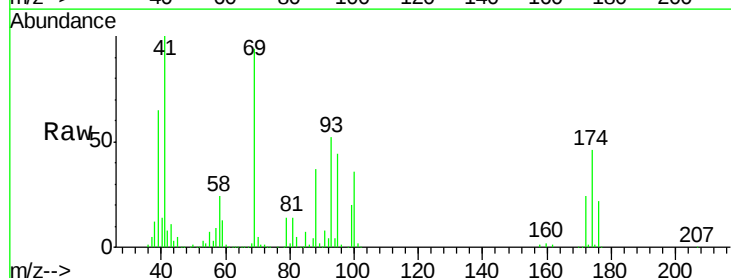
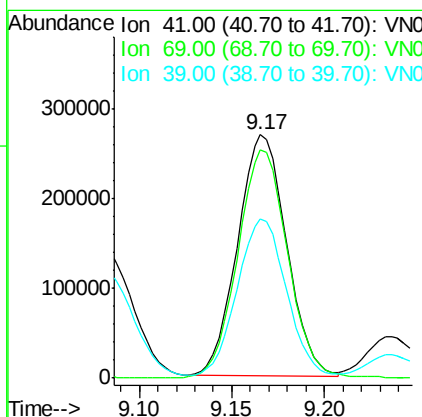
RT: 9.17 min Scan# 2299

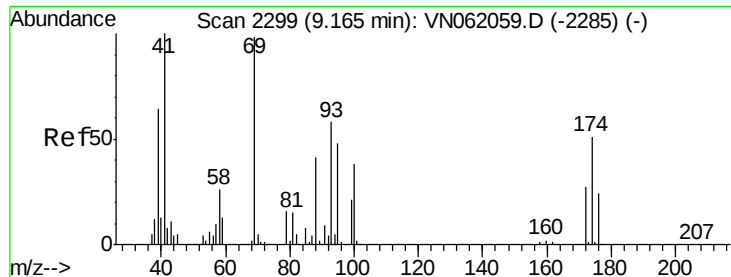
Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Tgt Ion:	41	Resp:	491934
Ion	Ratio	Lower	Upper
41	100		
69	97.1	80.7	121.1
39	67.3	54.5	81.7





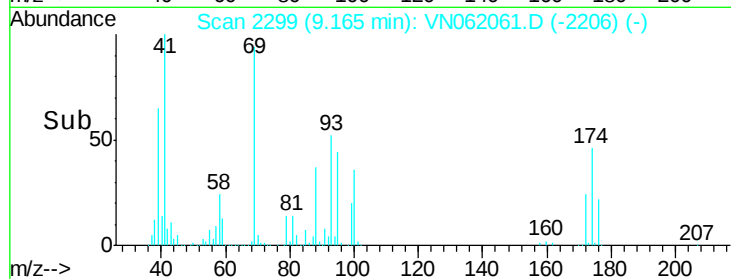
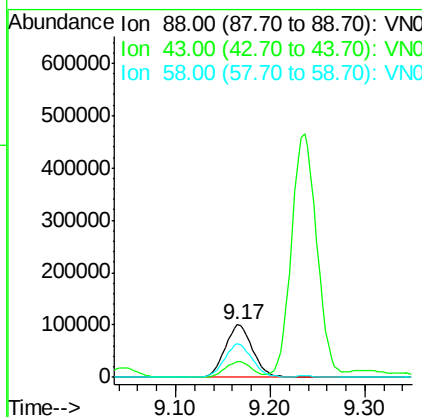
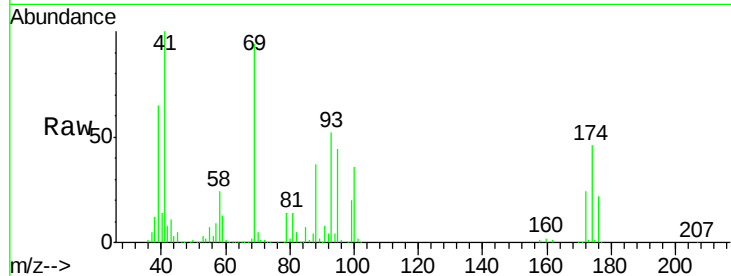
#49
 1,4-Dioxane
 Concen: 3322.923 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	88	Resp	204616
Ion	Ratio	Lower	Upper
88	100		
43	28.3	22.0	33.0
58	63.7	49.2	73.8

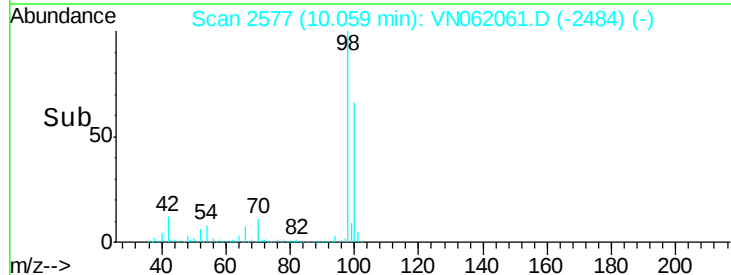
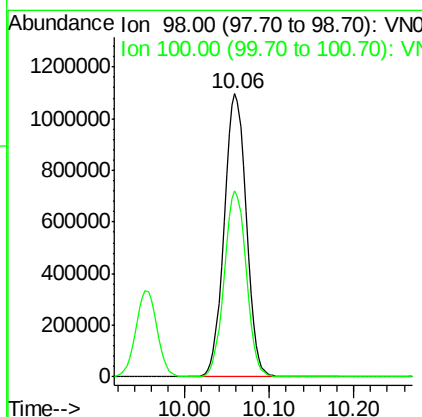
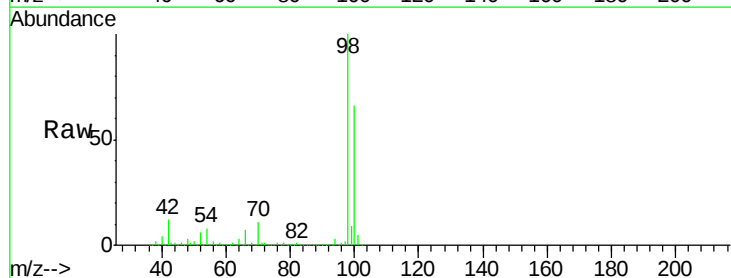
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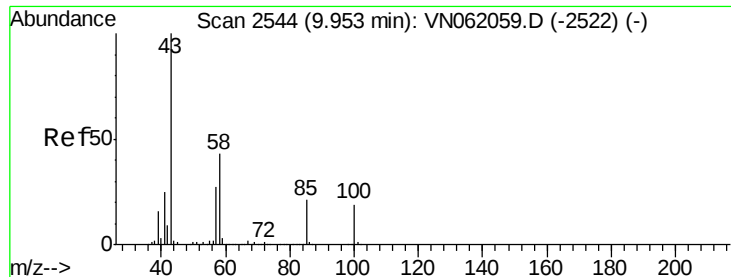
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#50
 Toluene-d8
 Concen: 164.933 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

Tgt Ion	98	Resp	1999402
Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.2	76.8





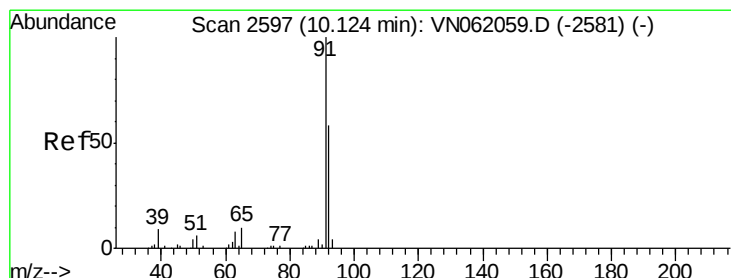
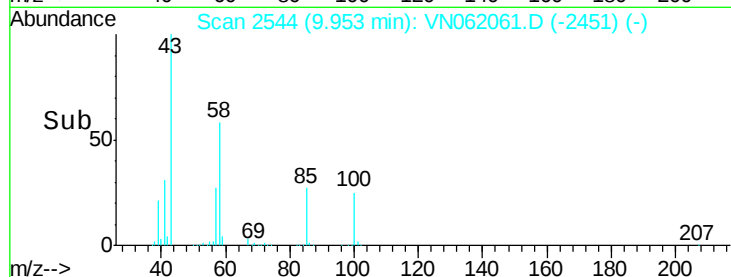
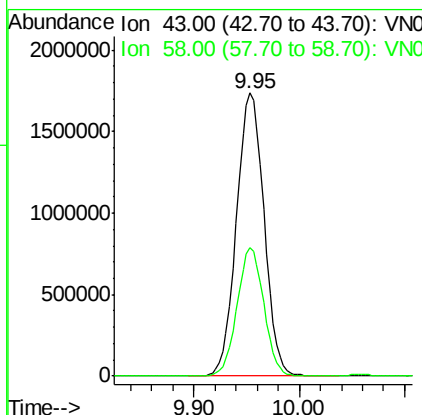
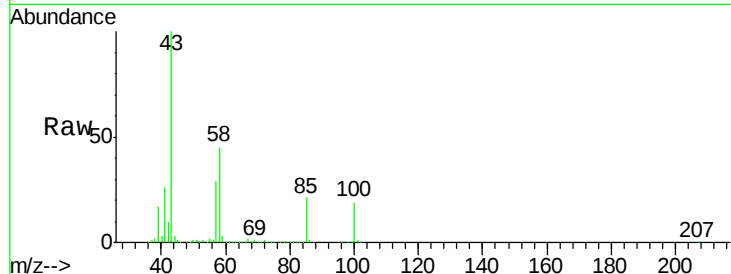
#51
4-Methyl-2-Pentanone
Concen: 904.694 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 3151182
Ion Ratio Lower Upper
43 100
58 44.0 34.2 51.2

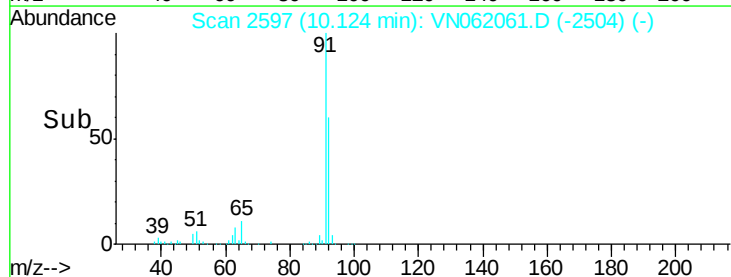
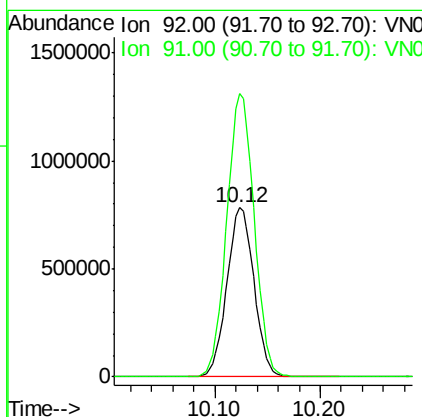
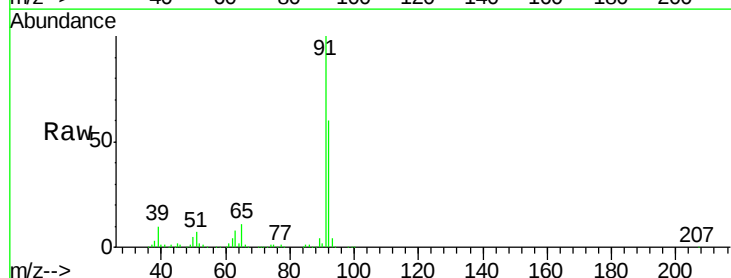
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#52
Toluene
Concen: 164.891 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Tgt Ion: 92 Resp: 1388517
Ion Ratio Lower Upper
92 100
91 169.9 137.4 206.0





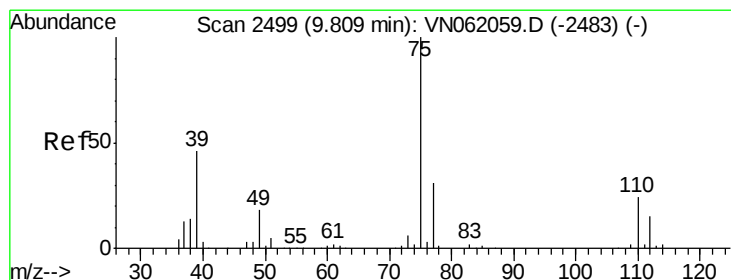
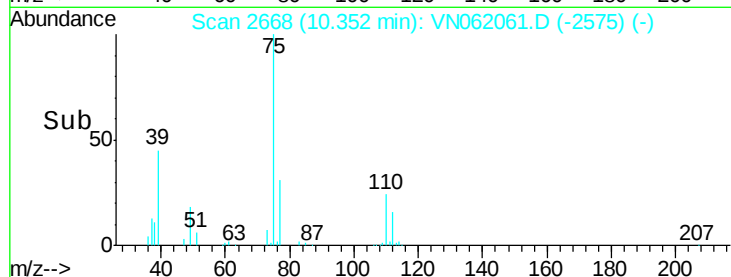
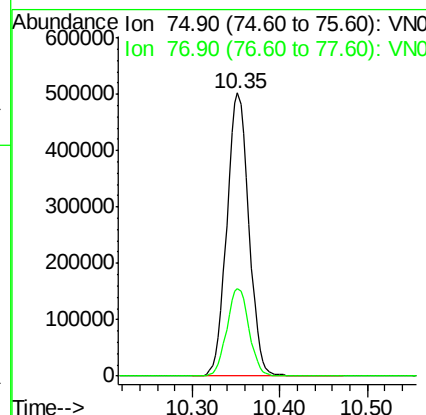
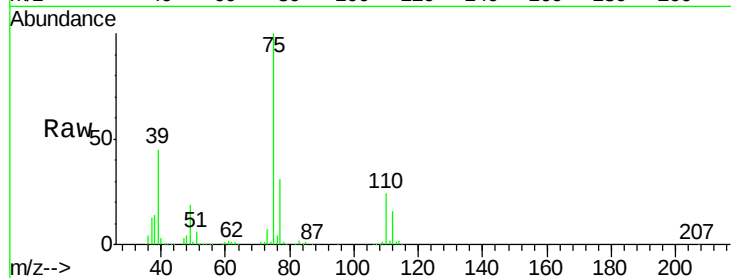
#53
t-1,3-Dichloropropene
Concen: 172.923 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 75 Resp: 875939
Ion Ratio Lower Upper
75 100
77 30.8 25.5 38.3

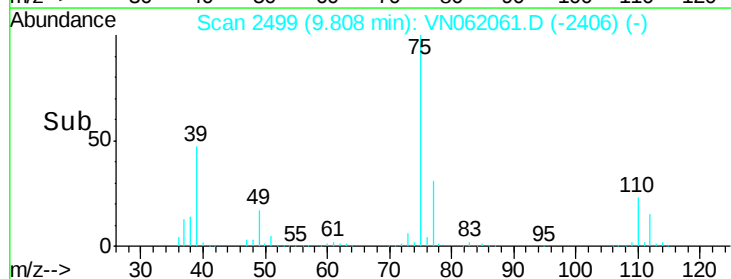
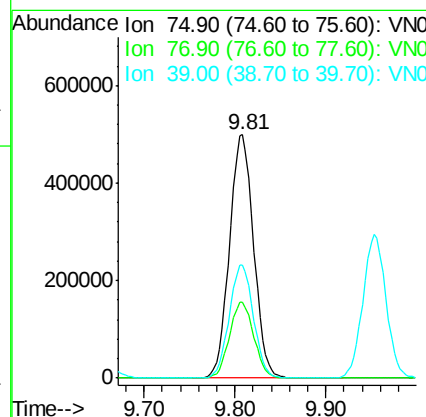
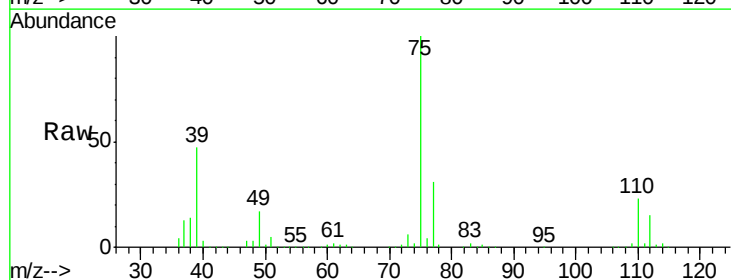
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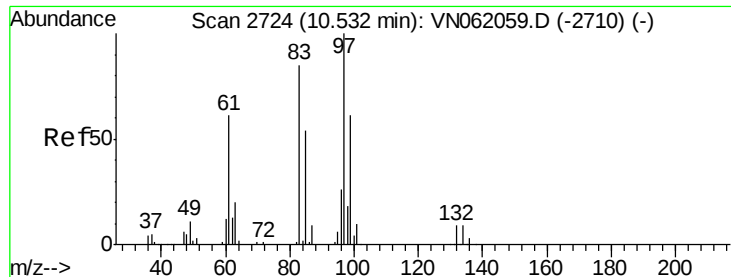
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#54
cis-1,3-Dichloropropene
Concen: 167.327 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Tgt Ion: 75 Resp: 918619
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.6
39 46.6 36.9 55.3





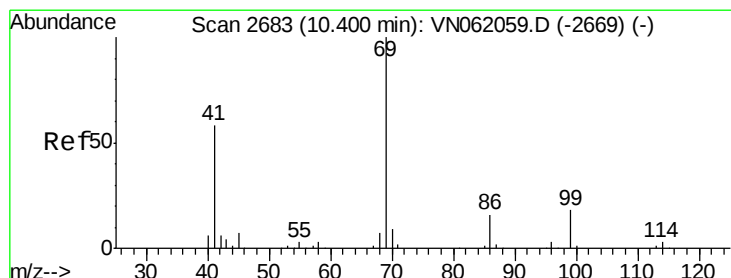
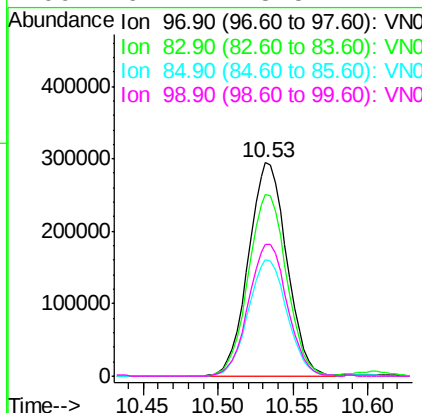
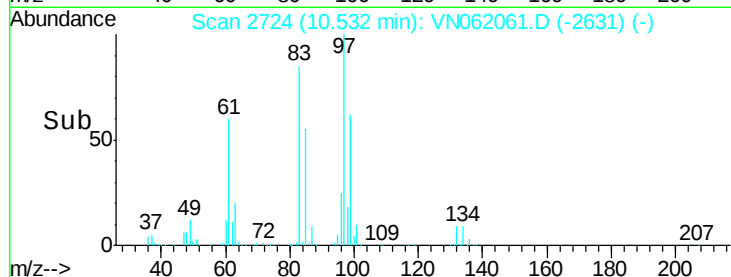
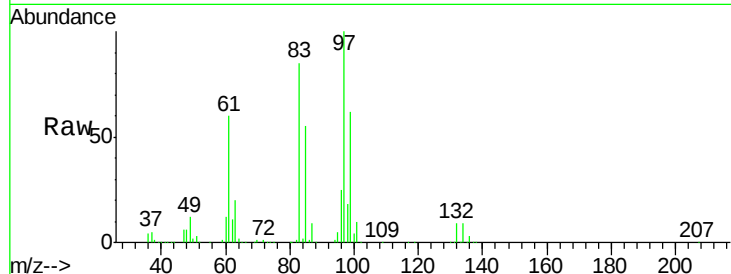
#55
 1,1,2-Trichloroethane
 Concen: 158.860 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion:	97	Resp:	526929
Ion	Ratio	Lower	Upper
97	100		
83	85.3	68.2	102.2
85	54.5	43.2	64.8
99	61.7	48.5	72.7

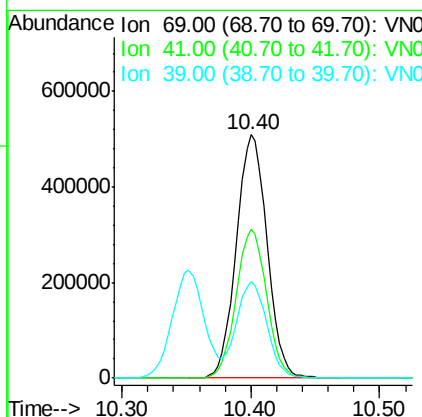
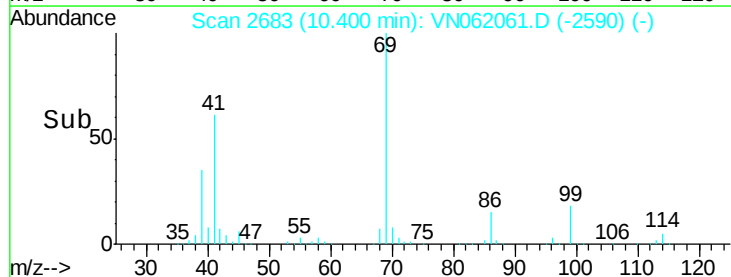
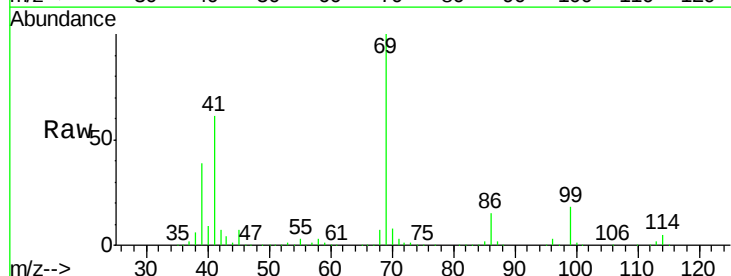
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#56
 Ethyl methacrylate
 Concen: 190.105 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

Tgt Ion:	69	Resp:	844109
Ion	Ratio	Lower	Upper
69	100		
41	60.2	46.6	70.0
39	39.0	31.0	46.4





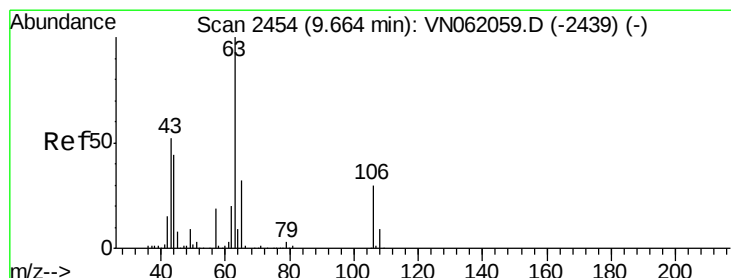
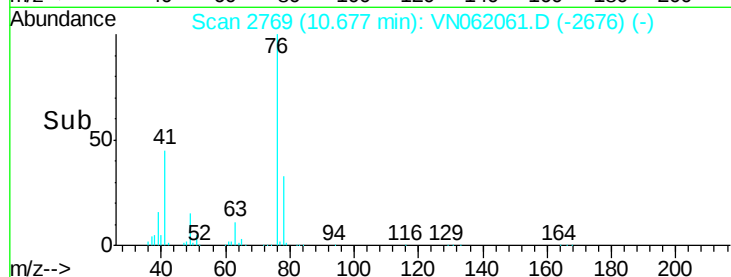
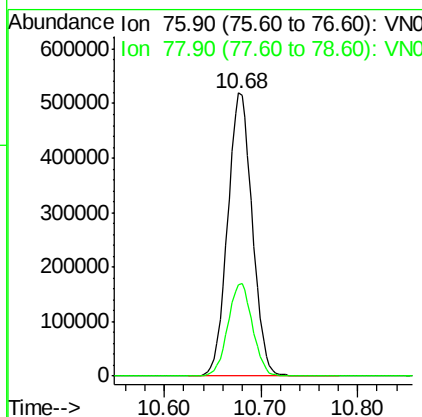
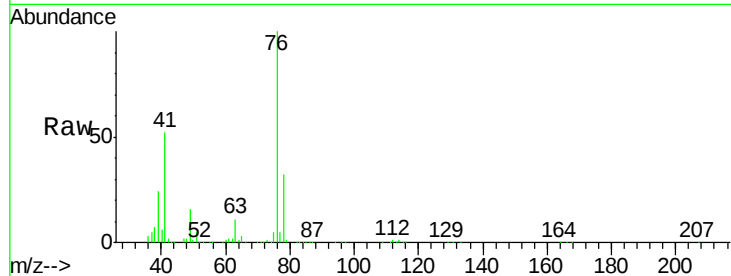
#57
 1,3-Dichloropropane
 Concen: 163.251 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.8	38.8

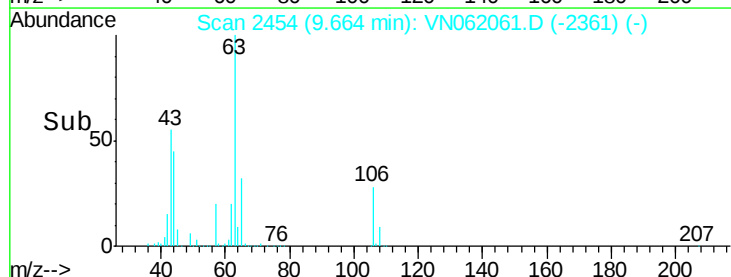
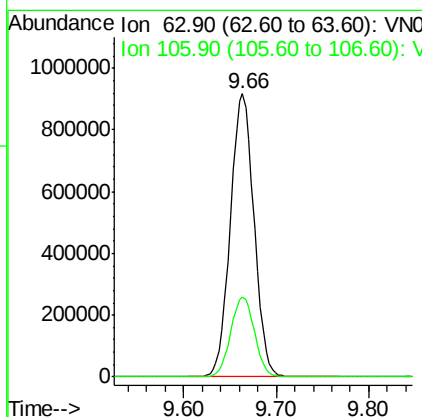
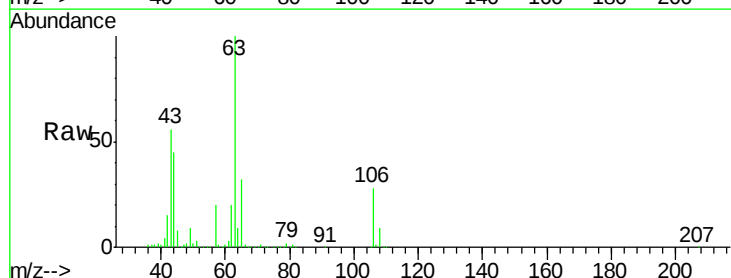
Manual Integrations
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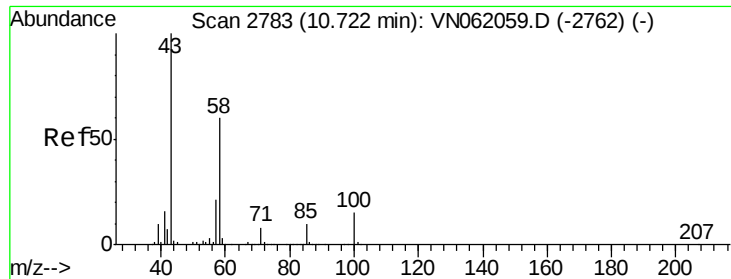
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#58
 2-Chloroethyl Vinyl ether
 Concen: 927.742 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.4	23.2	34.8





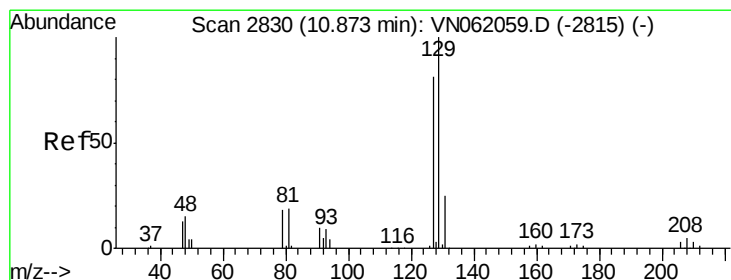
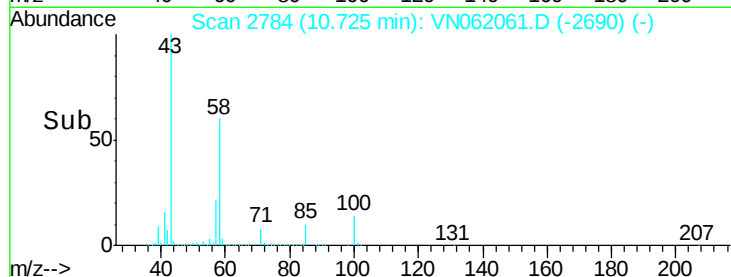
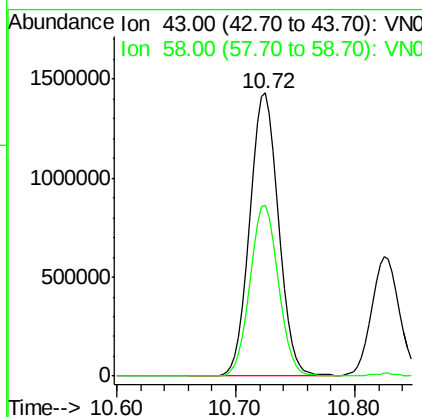
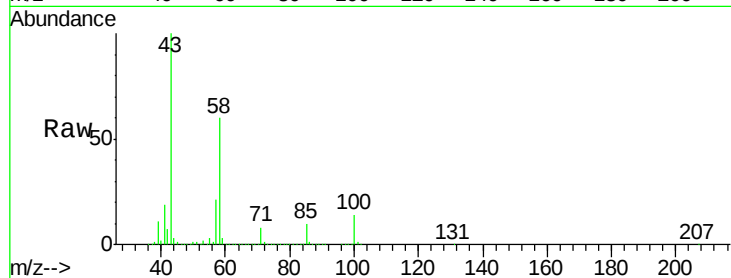
#59
2-Hexanone
Concen: 958.941 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 2399877
Ion Ratio Lower Upper
43 100
58 59.7 29.5 88.5

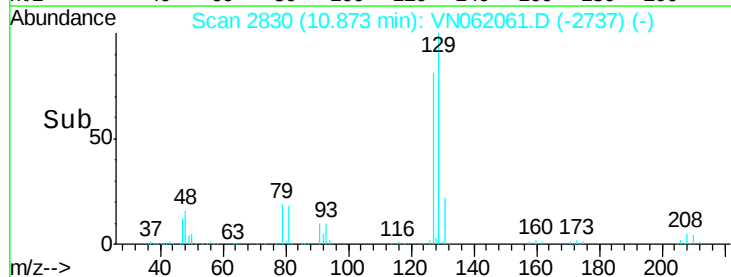
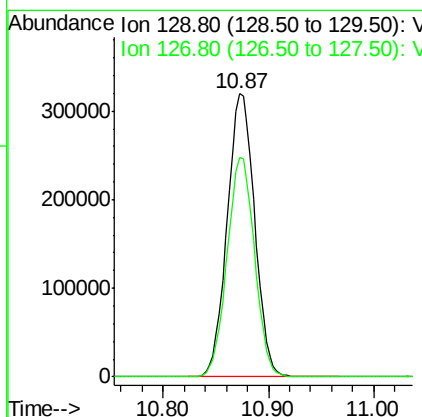
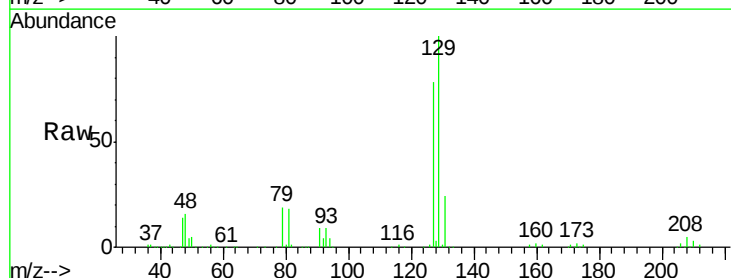
Manual Integrations
APPROVED

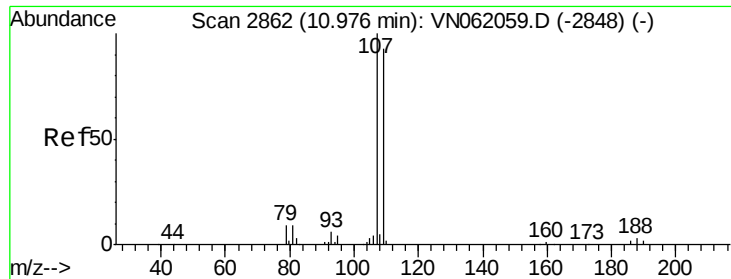
MMDadoda
6/25/2020 6:10:17 PM



#60
Dibromochloromethane
Concen: 156.947 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Tgt Ion: 129 Resp: 575713
Ion Ratio Lower Upper
129 100
127 77.6 39.5 118.5





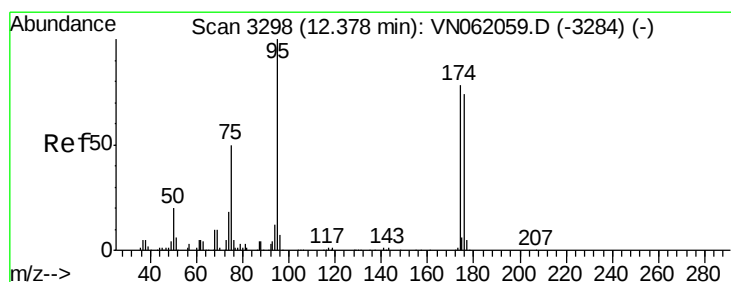
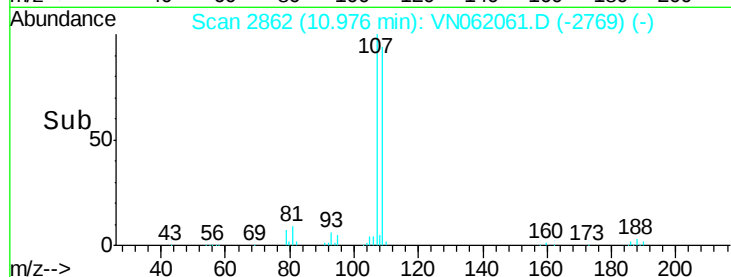
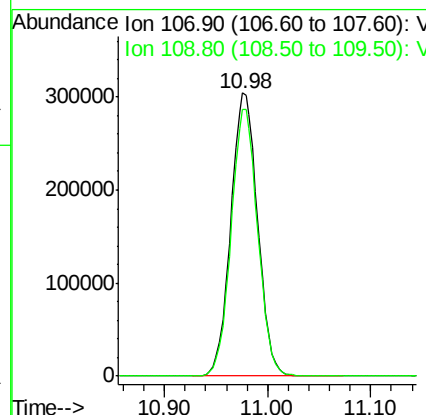
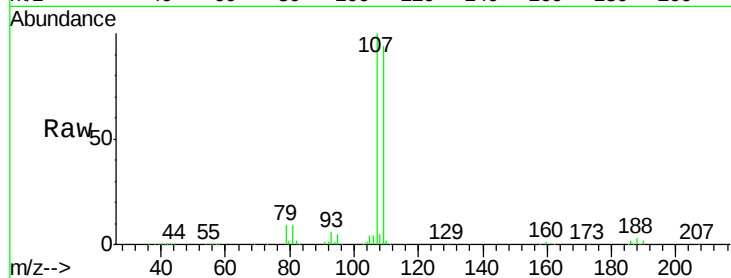
#61
 1,2-Dibromoethane
 Concen: 159.621 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.4	75.0	112.6

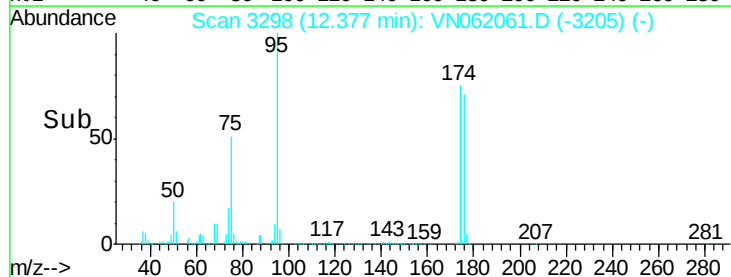
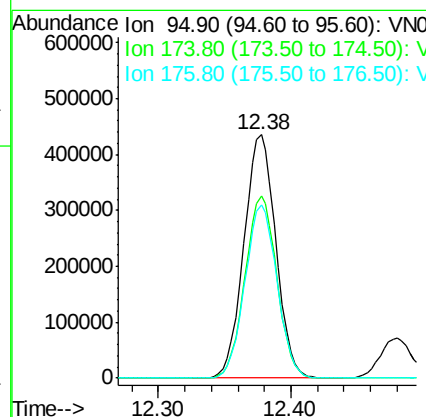
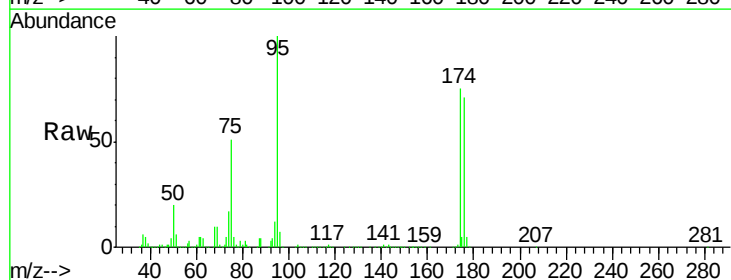
Manual Integrations
 APPROVED

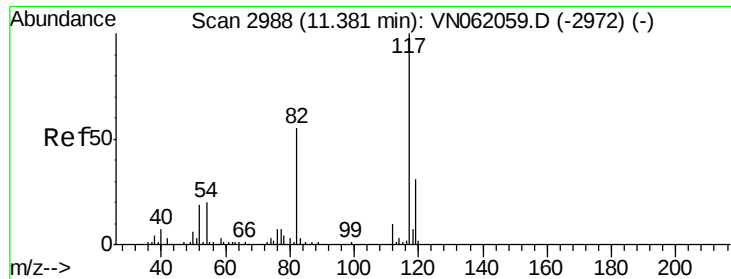
MMDadoda
 6/25/2020 6:10:17 PM



#62
 4-Bromofluorobenzene
 Concen: 175.259 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.9	0.0	154.8
176	71.7	0.0	147.4





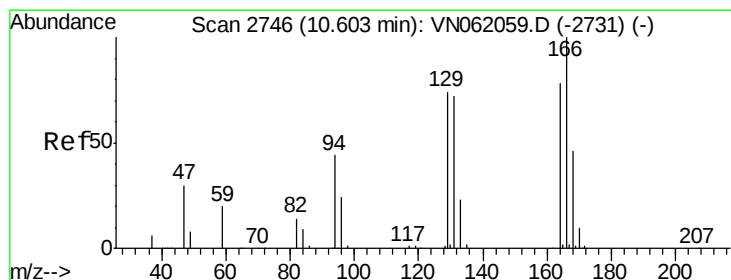
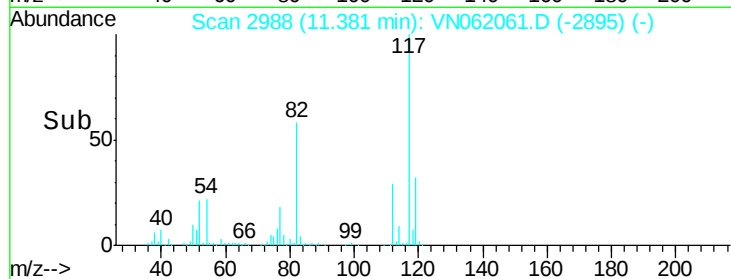
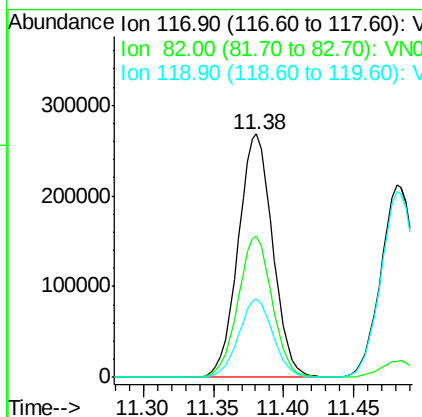
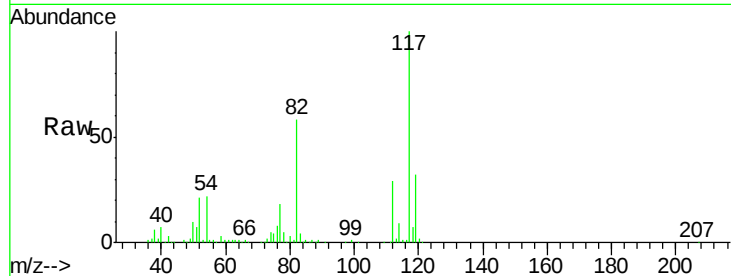
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.9	43.8	65.8
119	32.2	25.2	37.8

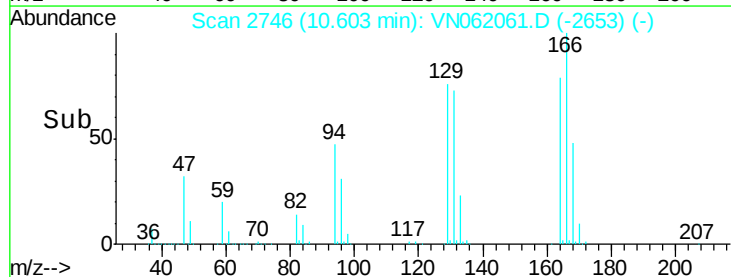
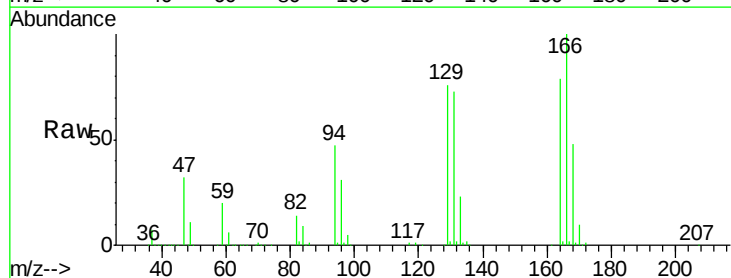
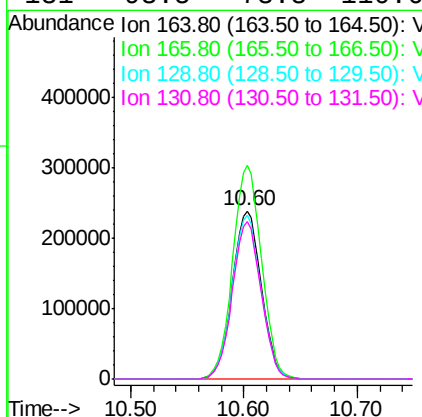
Manual Integrations
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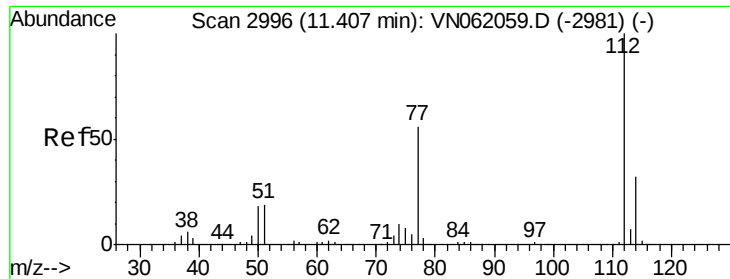
MMDadoda
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#64
Tetrachloroethene
Concen: 145.508 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	102.9	154.3
129	97.3	75.8	113.8
131	93.5	73.8	110.6





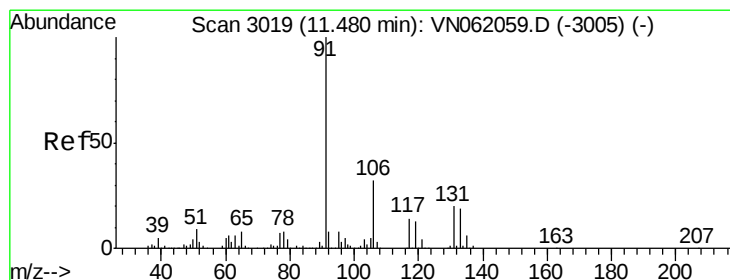
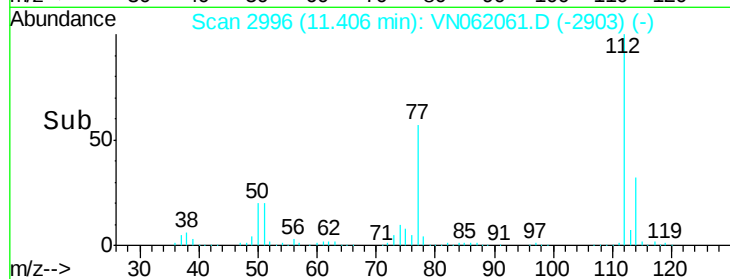
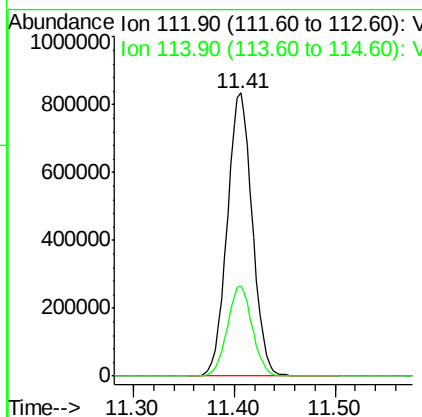
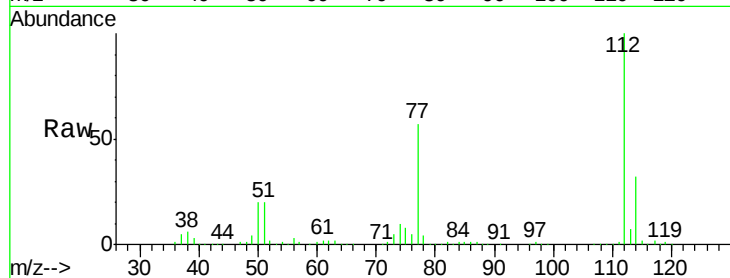
#65
Chlorobenzene
Concen: 149.074 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 1446135
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8

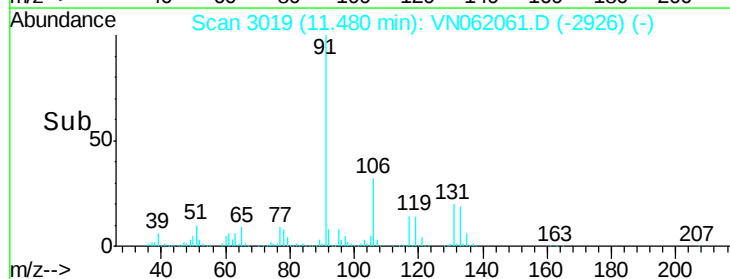
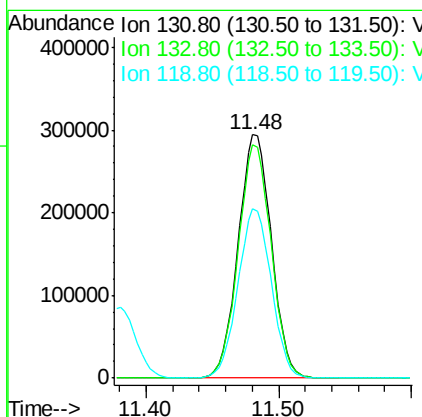
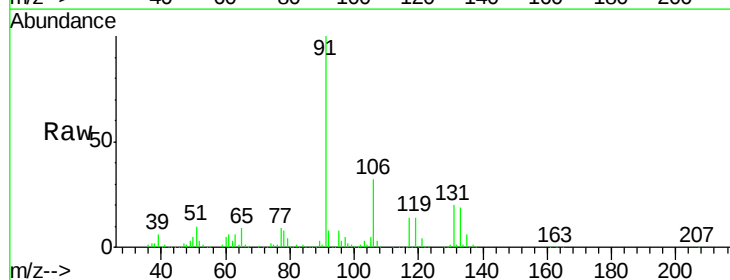
Manual Integrations
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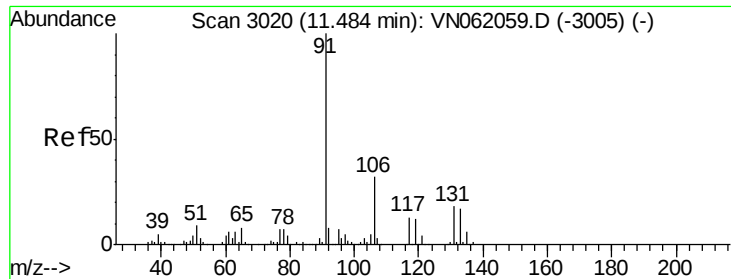
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#66
1,1,1,2-Tetrachloroethane
Concen: 151.887 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Tgt Ion:131 Resp: 511940
Ion Ratio Lower Upper
131 100
133 95.5 47.6 142.9
119 70.0 34.4 103.3





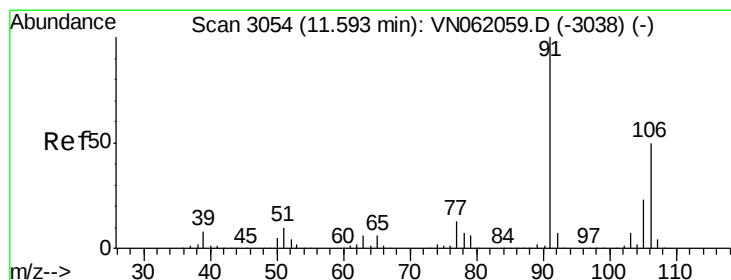
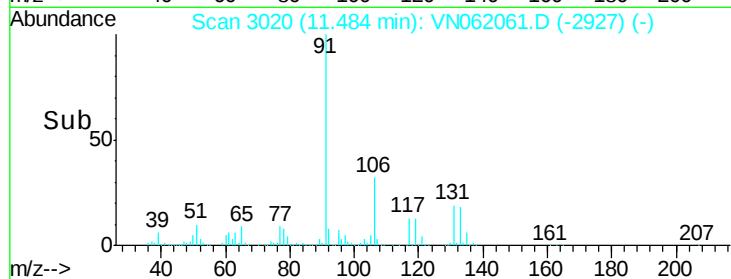
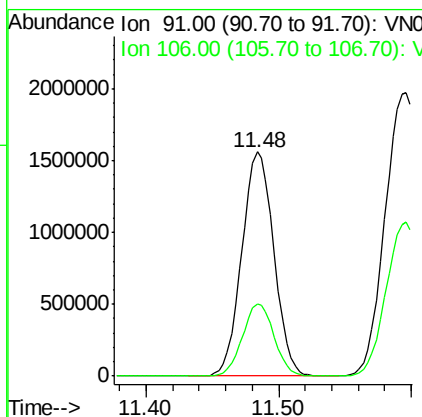
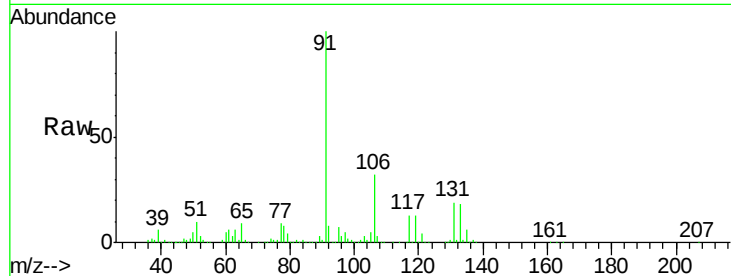
#67
Ethyl Benzene
Concen: 160.838 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 2621630
Ion Ratio Lower Upper
91 100
106 32.2 25.3 37.9

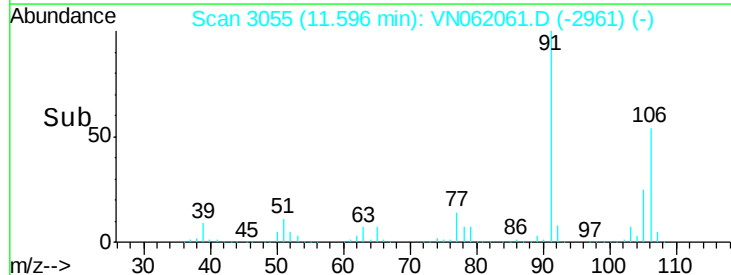
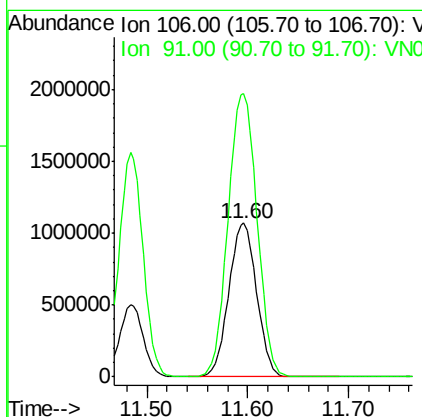
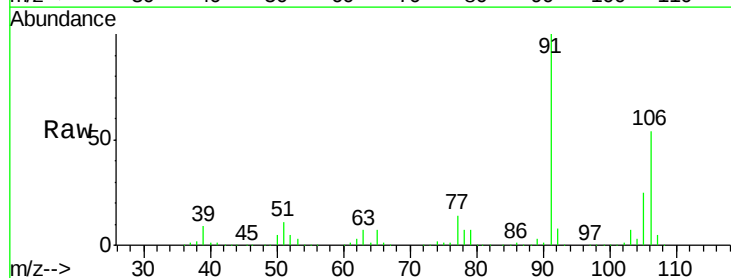
Manual Integrations
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#68
m/p-Xylenes
Concen: 326.681 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Tgt Ion: 106 Resp: 2053654
Ion Ratio Lower Upper
106 100
91 191.8 157.8 236.8





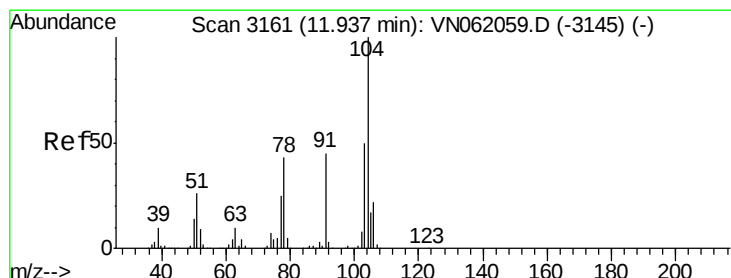
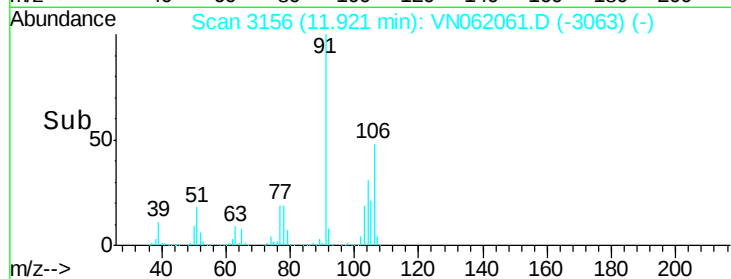
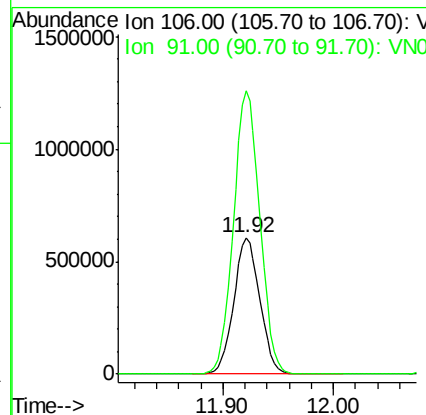
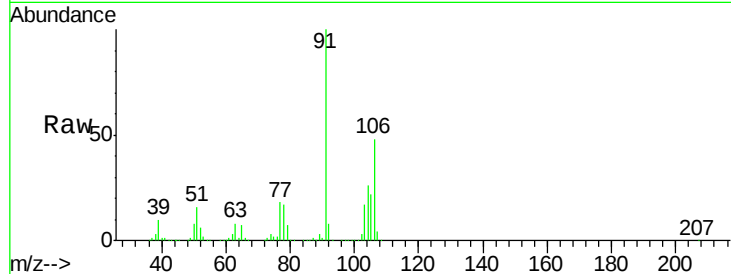
#69
o-Xylene
Concen: 165.466 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.6	104.0	311.9

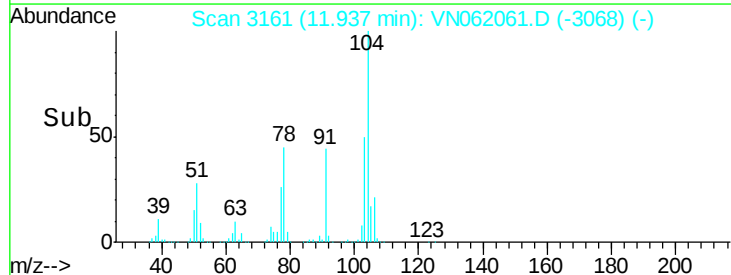
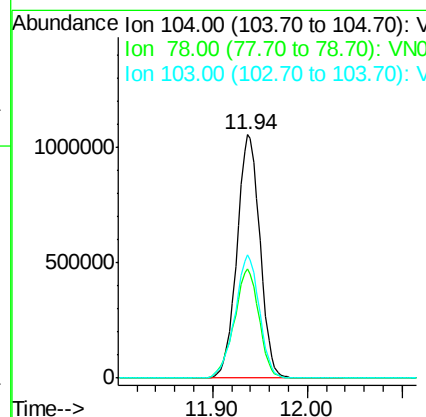
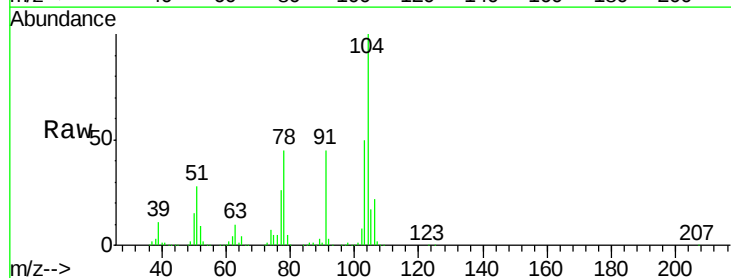
Manual Integrations
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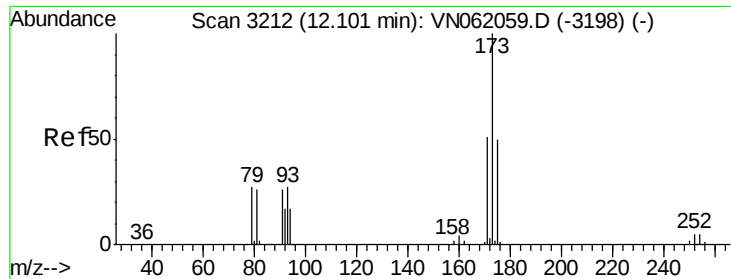
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#70
Styrene
Concen: 177.306 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.4	37.7	56.5
103	53.7	43.0	64.6





#71

Bromoform

Concen: 165.041 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:173 Resp: 404535

Ion Ratio Lower Upper

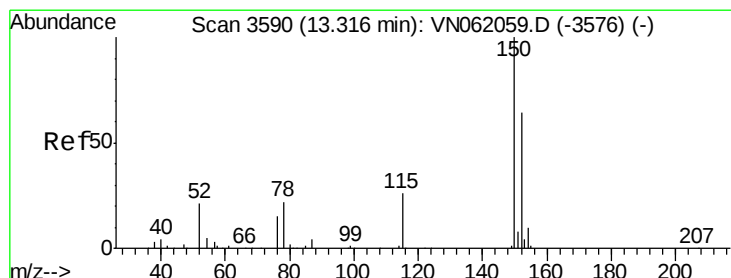
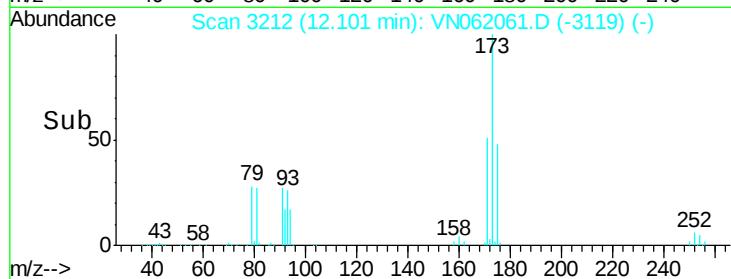
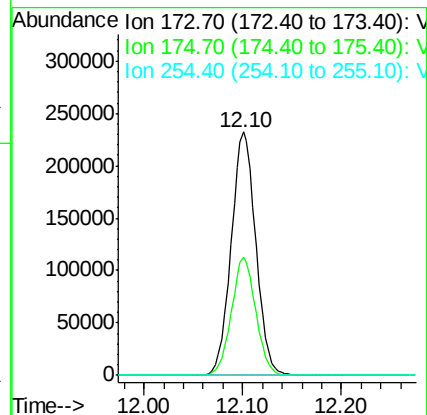
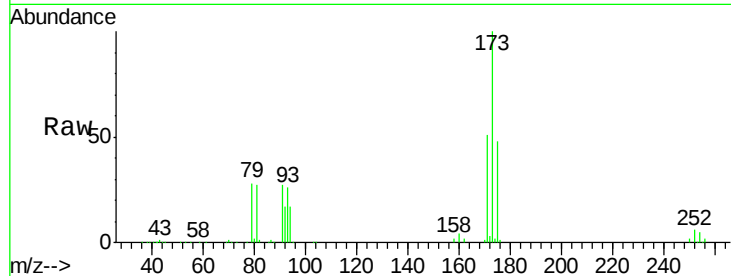
173 100

175 48.2 24.7 74.1

254 0.1 0.0 0.0#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

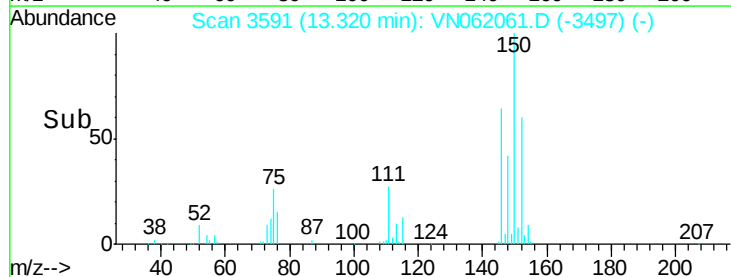
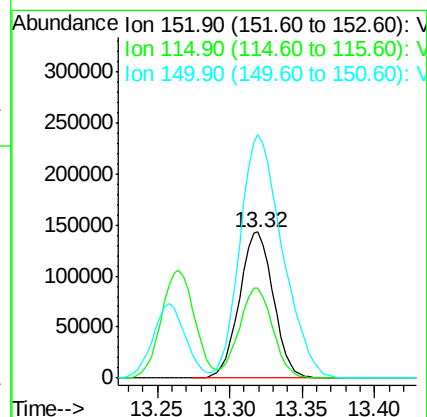
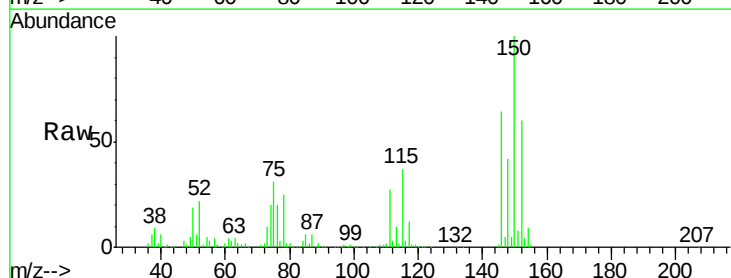
Tgt Ion:152 Resp: 232912

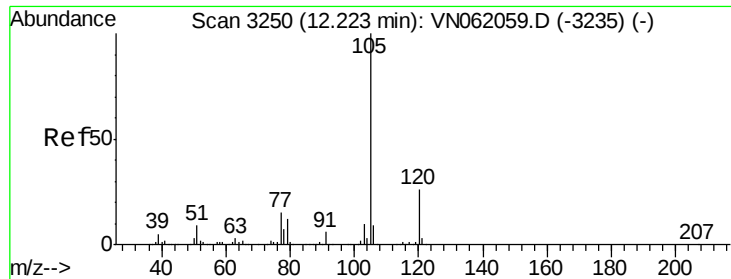
Ion Ratio Lower Upper

152 100

115 61.5 29.5 88.5

150 208.1 0.0 351.4





#73

Isopropylbenzene

Concen: 156.258 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 2599119

Ion Ratio Lower Upper

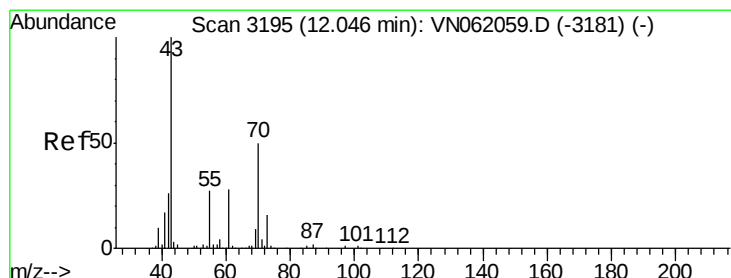
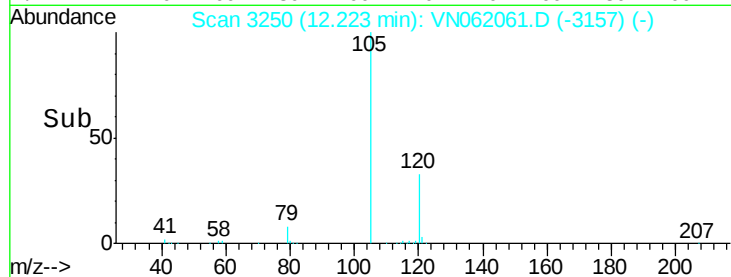
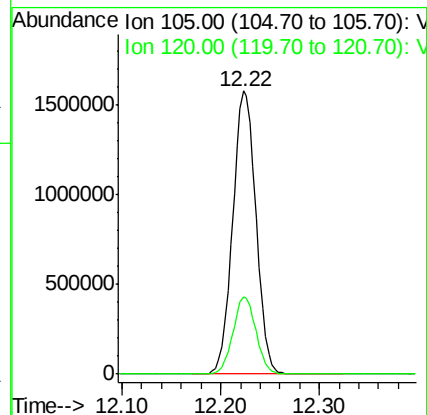
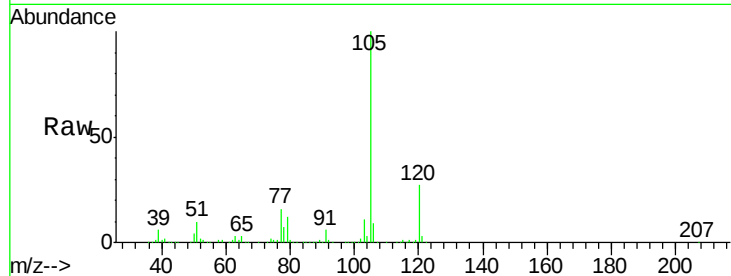
105 100

120 26.9 13.2 39.6

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#74

N-ethyl acetate

Concen: 198.206 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Tgt Ion: 43 Resp: 1068597

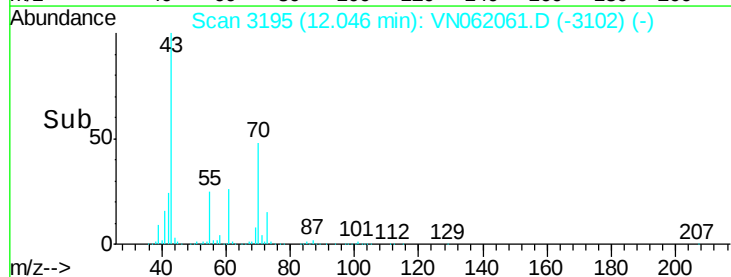
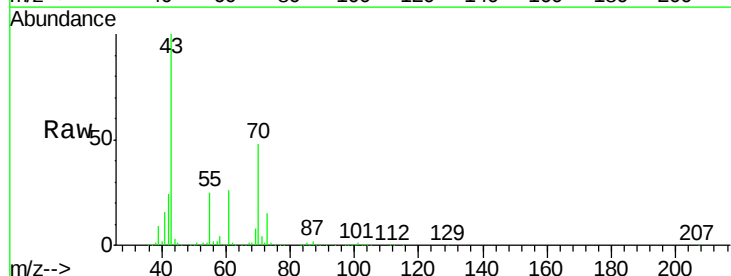
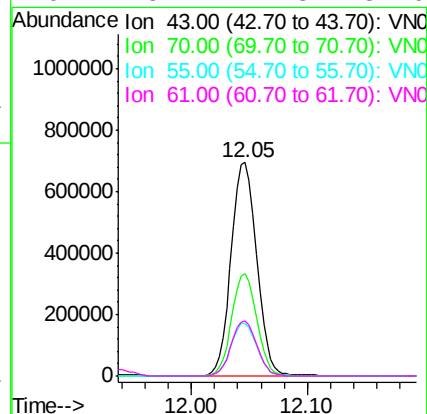
Ion Ratio Lower Upper

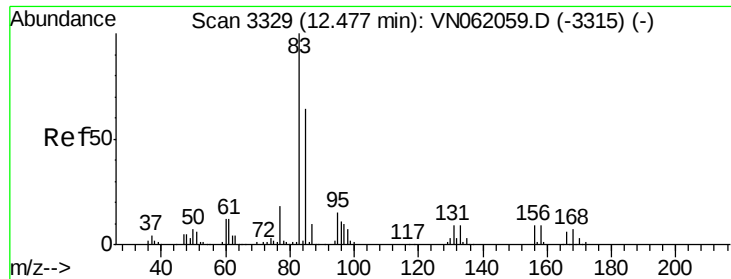
43 100

70 47.2 39.4 59.2

55 25.1 21.7 32.5

61 25.7 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 146.780 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Instrument :

MSVOA_N

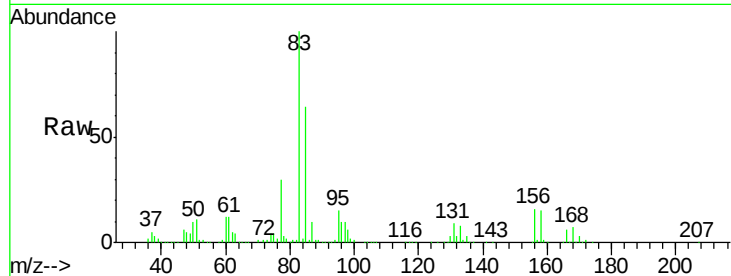
ClientSampleId :

VSTDIC150

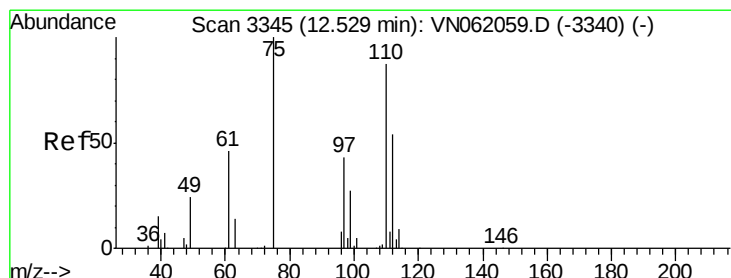
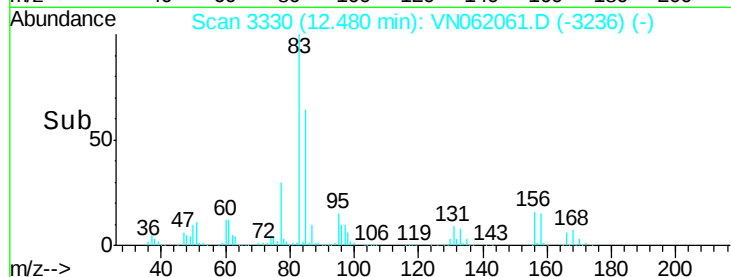
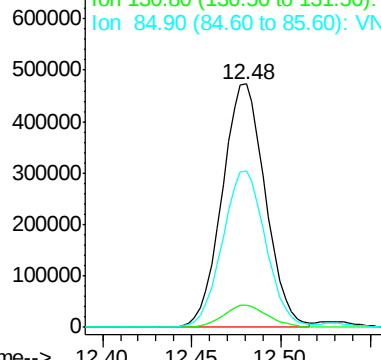
Tot Ion:	83	Resp:	799811
Ion Ratio	Lower	Upper	
83	100		
131	9.5	4.8	14.4
85	64.4	32.4	97.0

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN062061.D (-3236) (-)



#76

1,2,3-Trichloropropane

Concen: 163.519 ug/l m

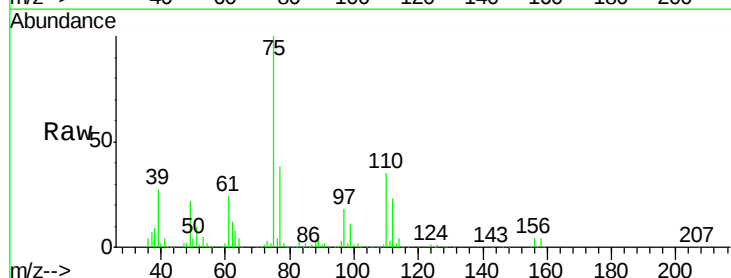
RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

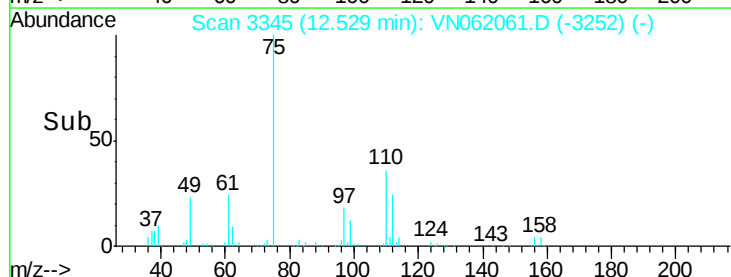
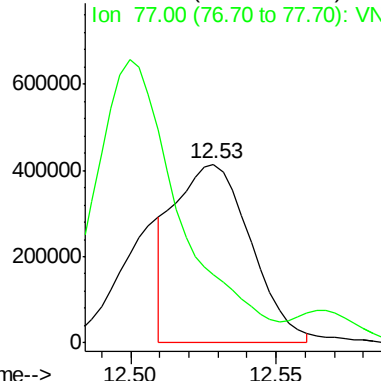
Lab File: VN062061.D

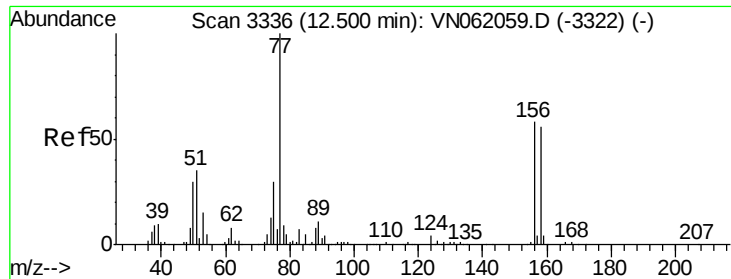
Acq: 24 Jun 2020 11:42

Tgt Ion:	75	Resp:	758306
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062061.D (-3252) (-)





#77

Bromobenzene

Concen: 146.427 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Instrument :

MSVOA_N

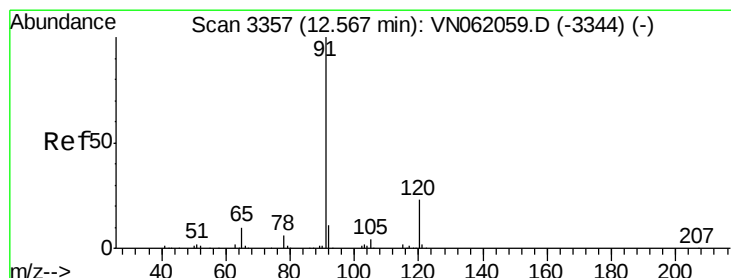
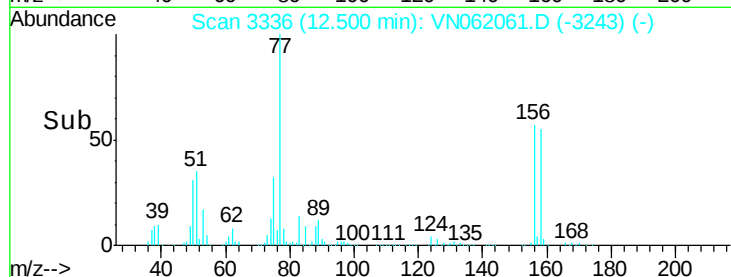
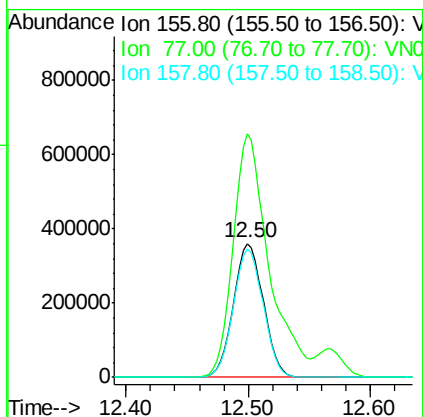
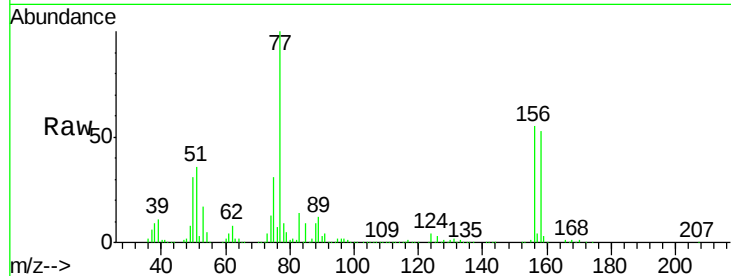
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
156	100		
77	218.1	104.6	313.8
158	96.0	48.0	144.0

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#78

n-propylbenzene

Concen: 156.372 ug/l

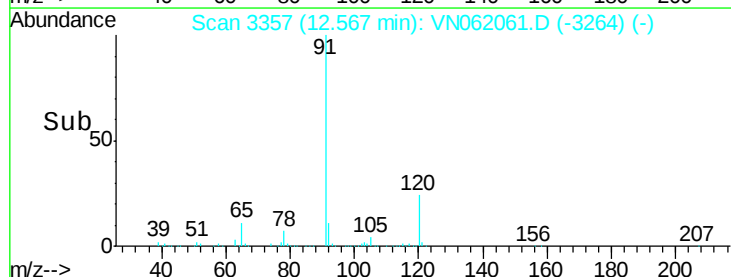
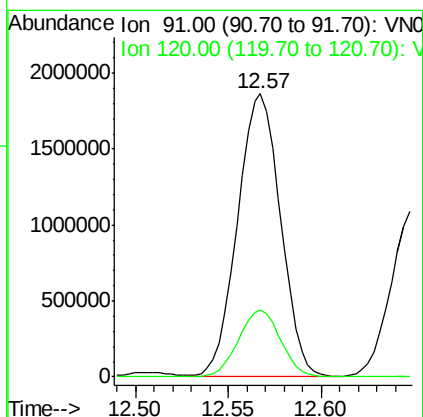
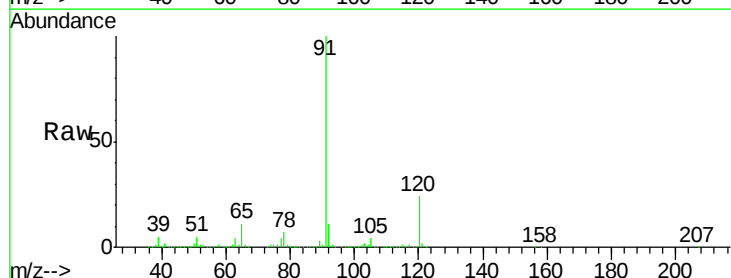
RT: 12.57 min Scan# 3357

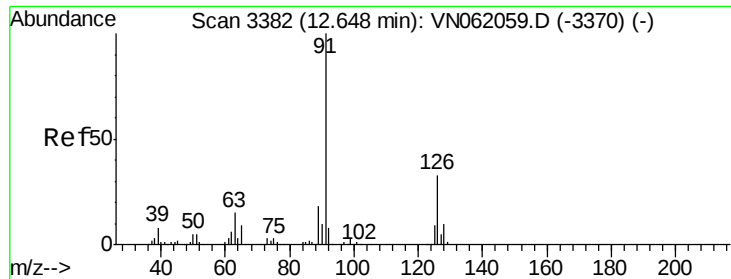
Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.4	34.1





#79

2-Chlorotoluene

Concen: 156.514 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

Tot Ion: 91 Resp: 1790202

Ion Ratio Lower Upper

91 100

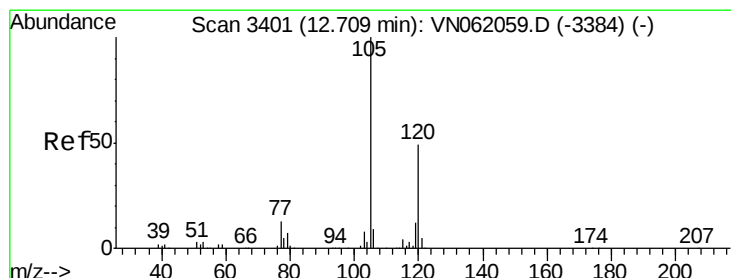
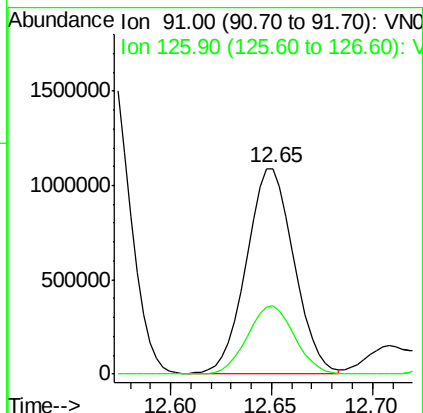
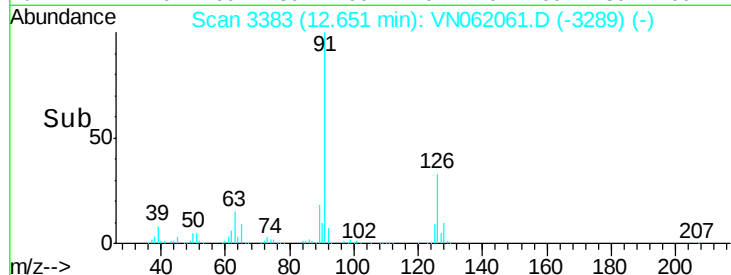
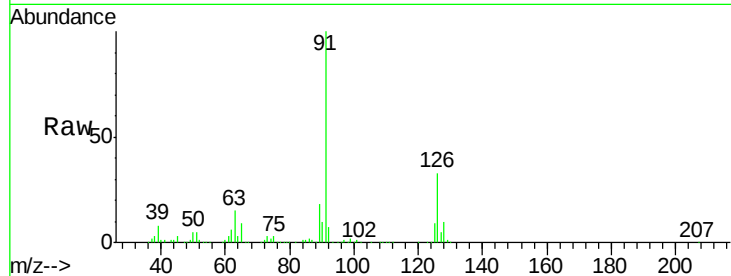
126 33.2 16.9 50.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 161.573 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062061.D

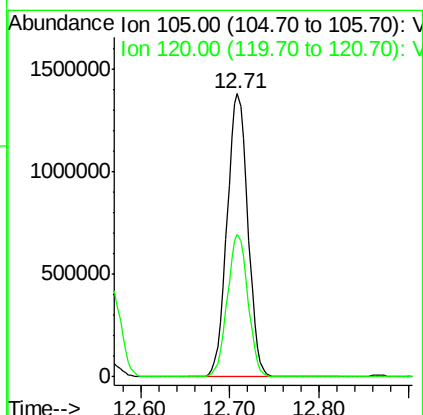
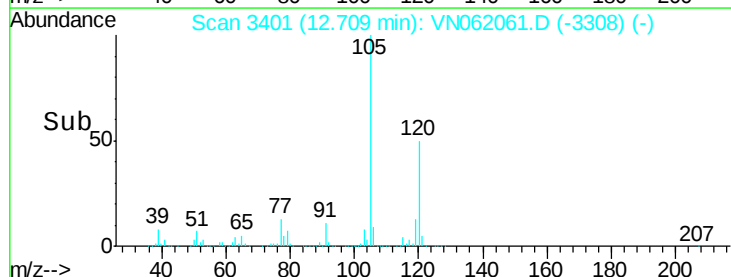
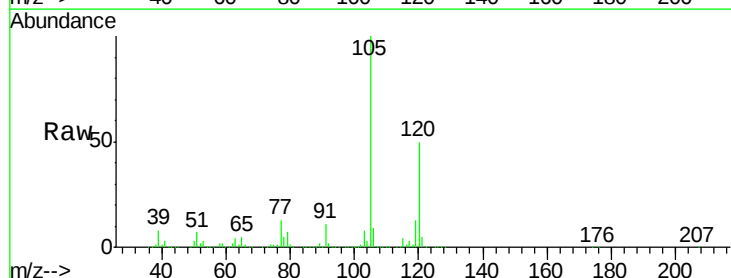
Acq: 24 Jun 2020 11:42

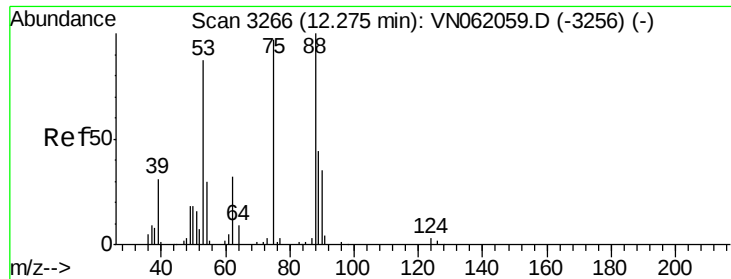
Tgt Ion: 105 Resp: 2219412

Ion Ratio Lower Upper

105 100

120 50.1 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 179.786 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Instrument :

MSVOA_N

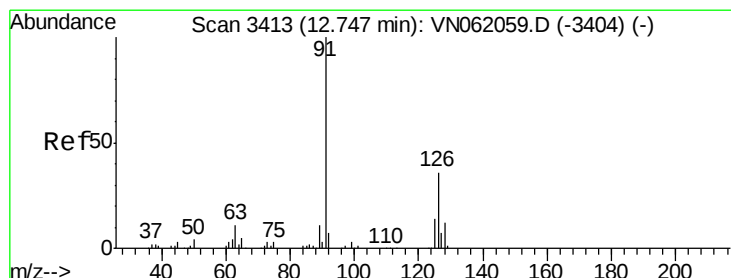
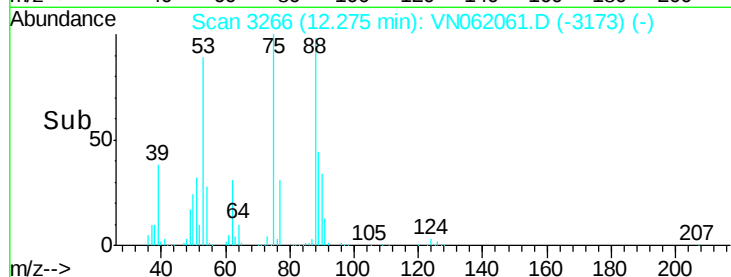
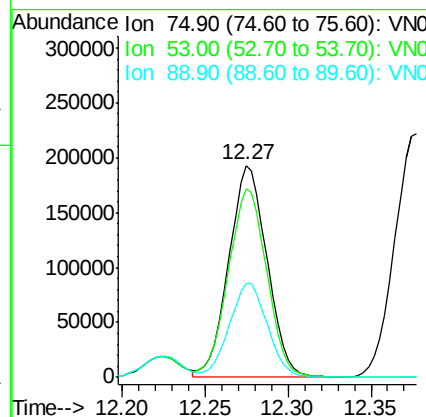
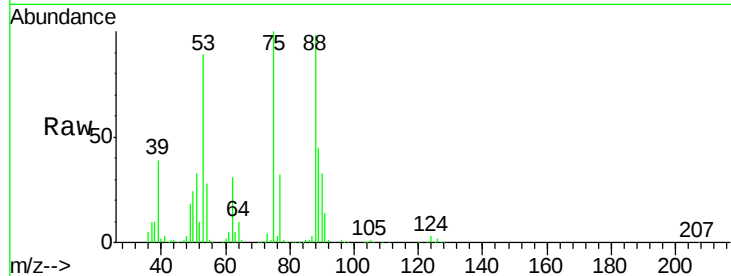
ClientSampleId :

VSTDIC150

Tot Ion:	75	Resp:	307559
Ion	Ratio	Lower	Upper
75	100		
53	90.4	72.0	108.0
89	44.8	36.9	55.3

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#82

4-Chlorotoluene

Concen: 164.302 ug/l

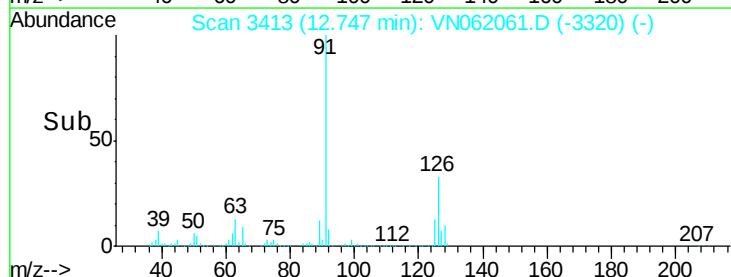
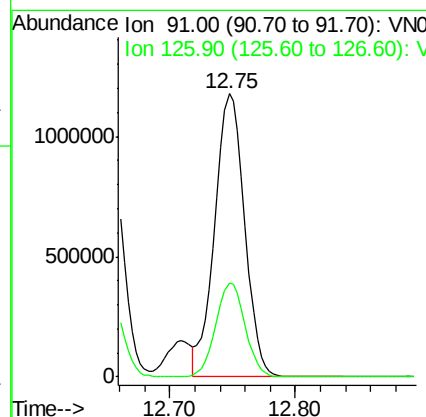
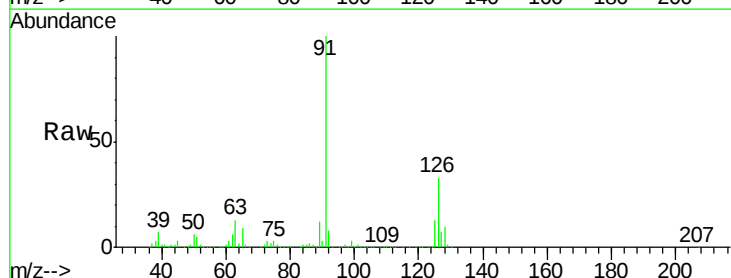
RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Tgt Ion:	91	Resp:	1939748
Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.7	50.1





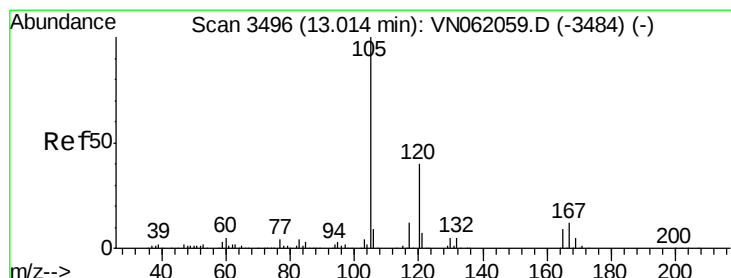
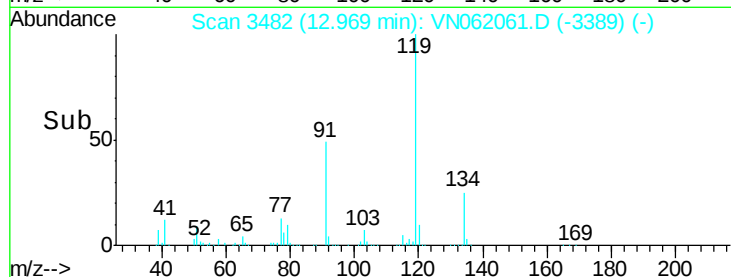
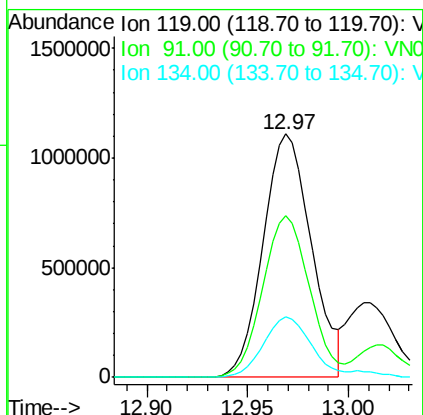
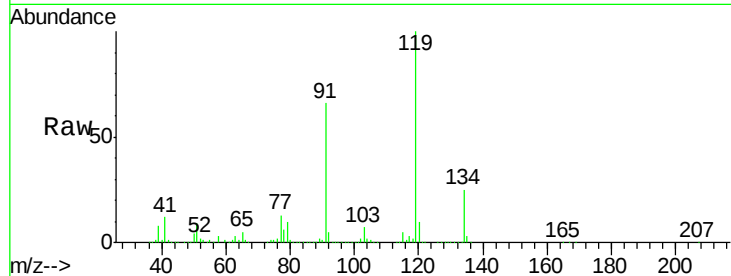
#83
 tert-Butylbenzene
 Concen: 158.791 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.6	31.7	95.1
134	26.2	13.1	39.1

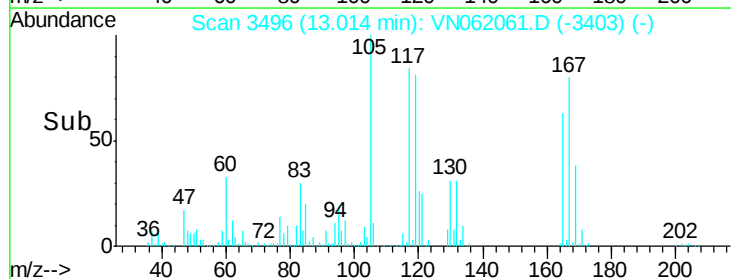
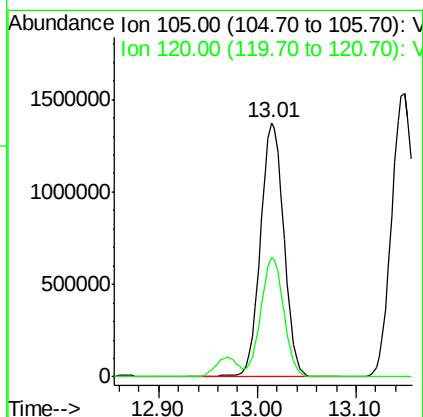
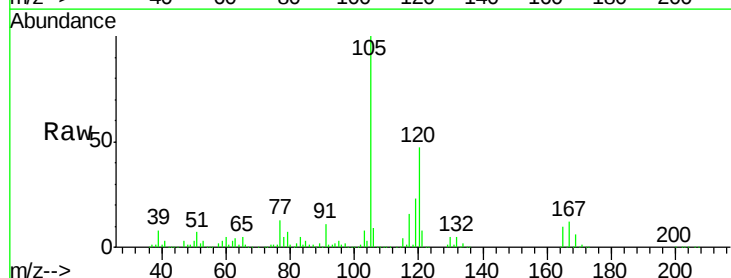
Manual Integrations
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#84
 1,2,4-Trimethylbenzene
 Concen: 164.855 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.2	69.5





#85

sec-Butylbenzene

Concen: 161.778 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 2472910

Ion Ratio Lower Upper

105 100

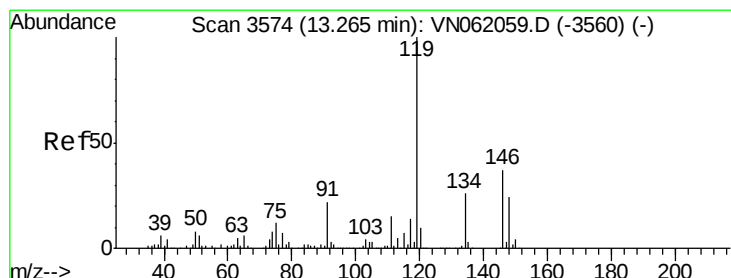
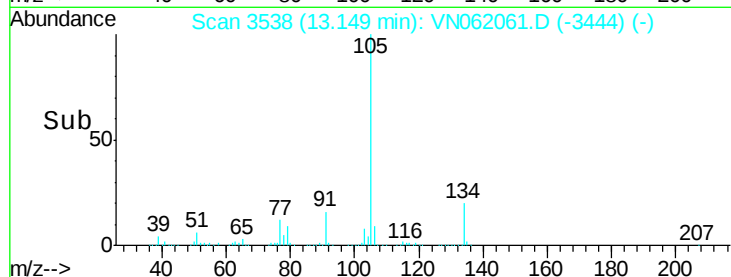
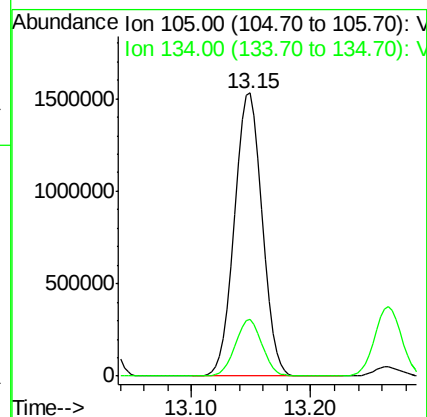
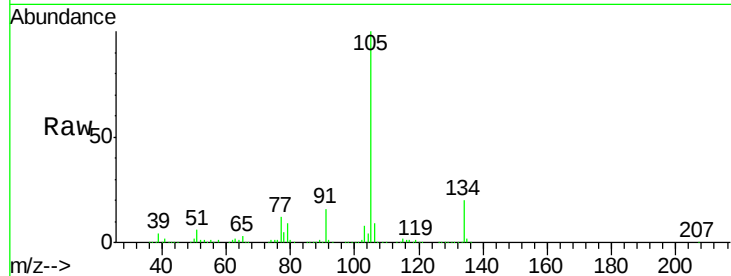
134 19.5 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 167.308 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062061.D

Acq: 24 Jun 2020 11:42

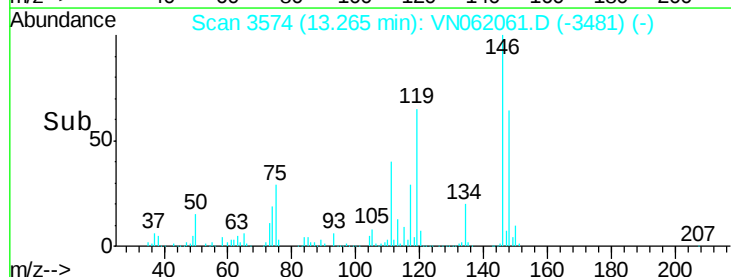
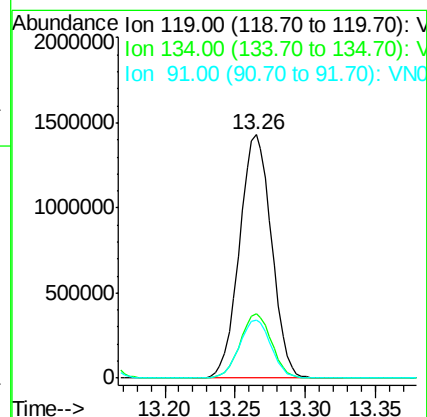
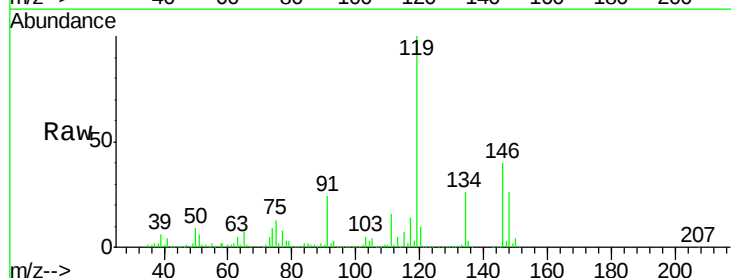
Tgt Ion:119 Resp: 2270285

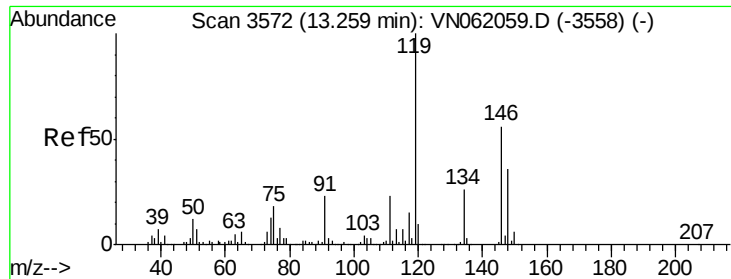
Ion Ratio Lower Upper

119 100

134 26.0 13.0 39.0

91 23.7 11.3 33.8





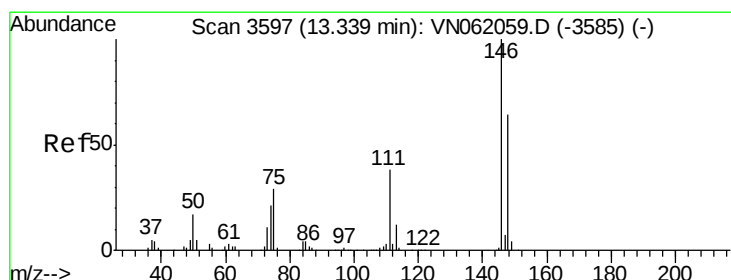
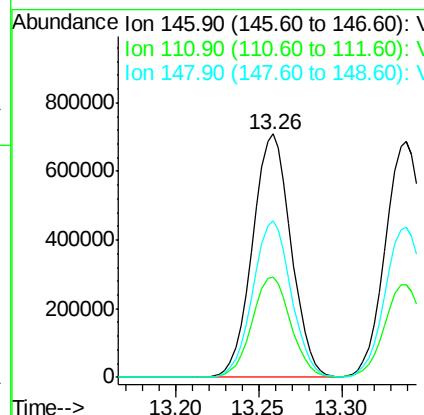
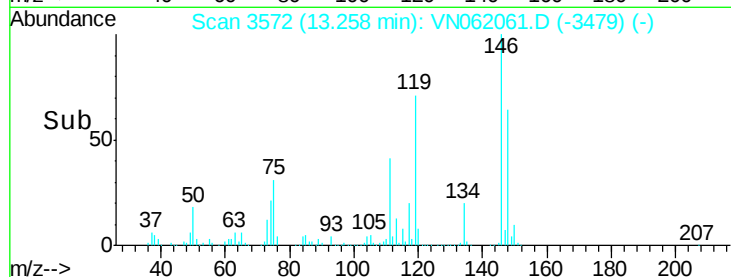
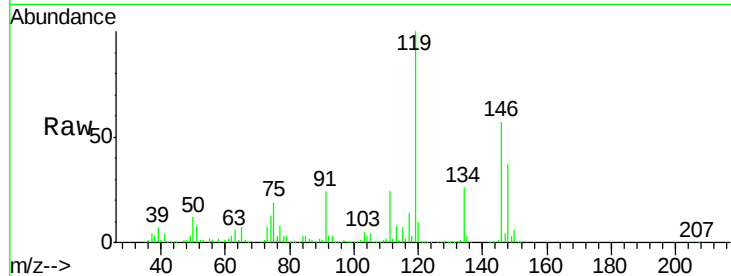
#87
 1,3-Dichlorobenzene
 Concen: 150.970 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion:146 Resp: 1146210
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.3 61.0
 148 64.0 31.8 95.3

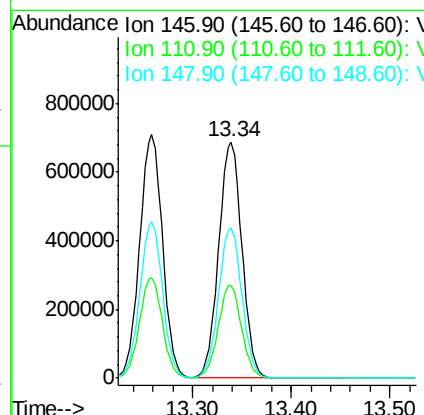
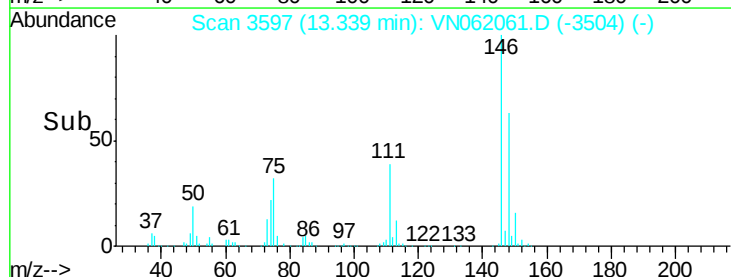
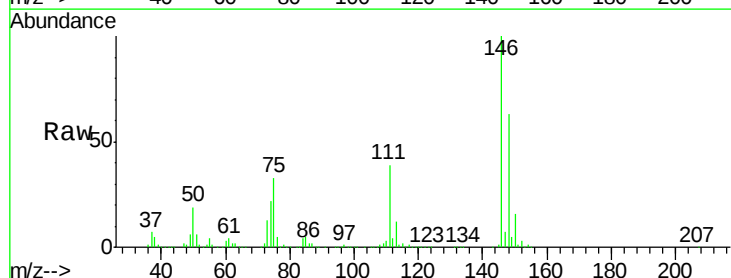
Manual Integrations
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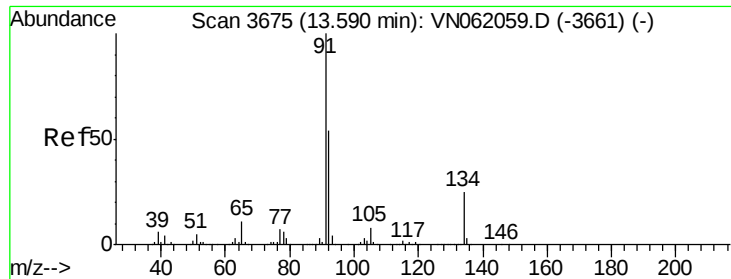
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#88
 1,4-Dichlorobenzene
 Concen: 146.650 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

Tgt Ion:146 Resp: 1139331
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.9 59.6
 148 63.9 31.9 95.9





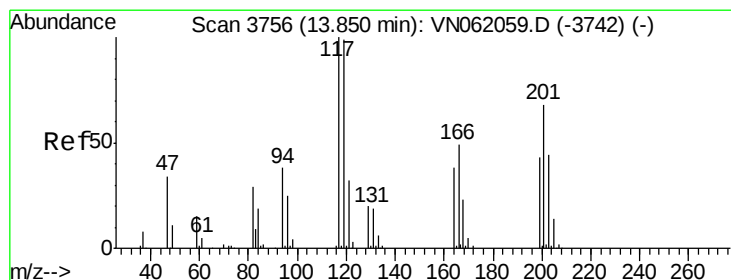
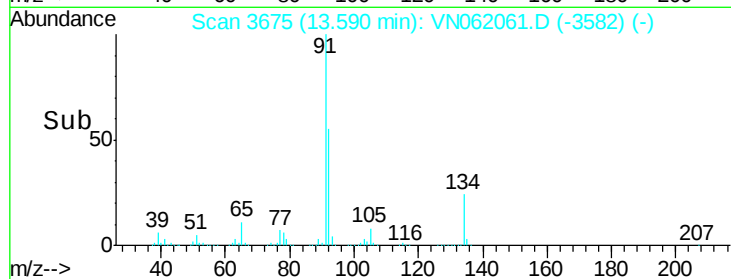
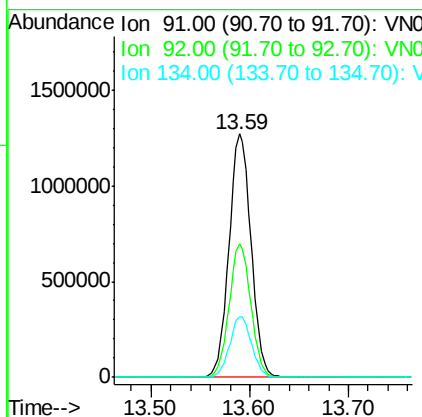
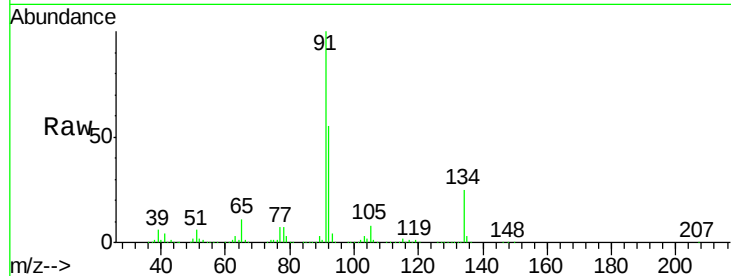
#89
n-Butylbenzene
Concen: 174.491 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	26.6	79.7
134	24.9	12.3	36.9

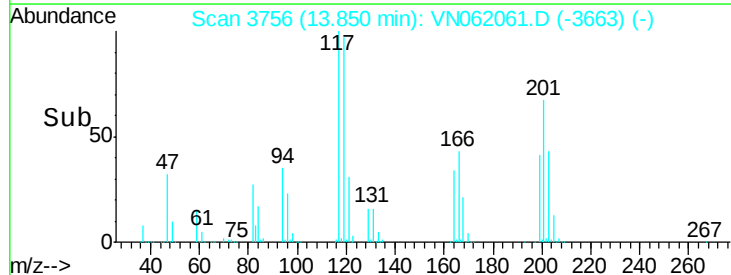
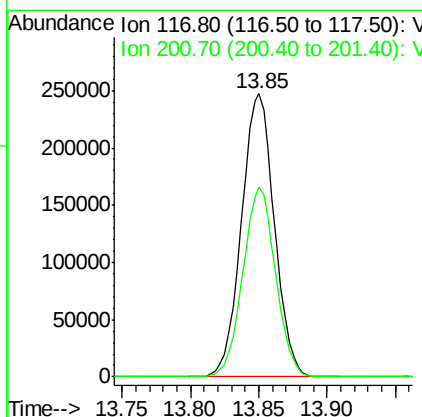
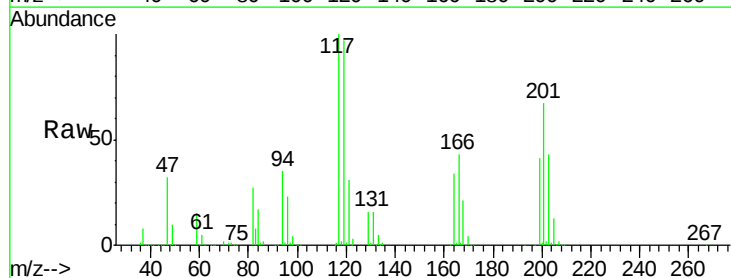
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#90
Hexachloroethane
Concen: 165.073 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.4	32.7	98.1





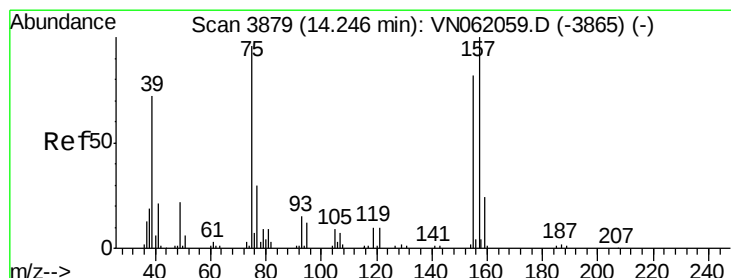
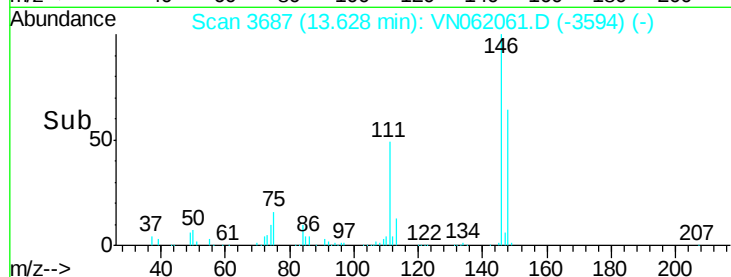
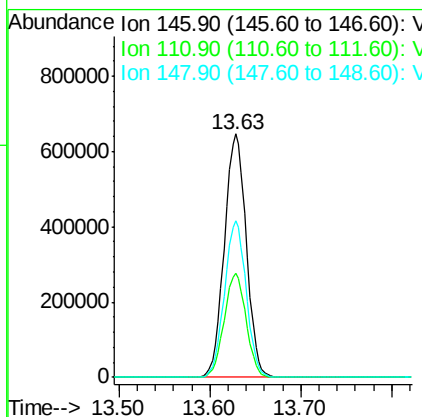
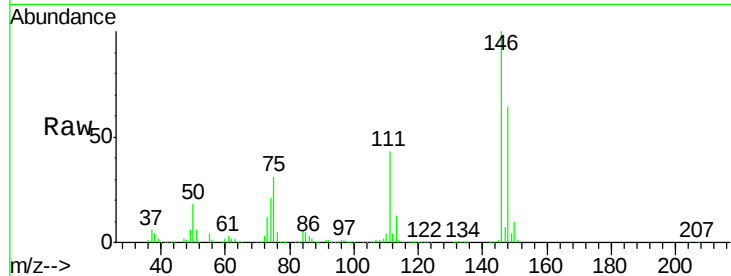
#91
 1,2-Dichlorobenzene
 Concen: 148.360 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.2	63.6
148	63.6	31.9	95.5

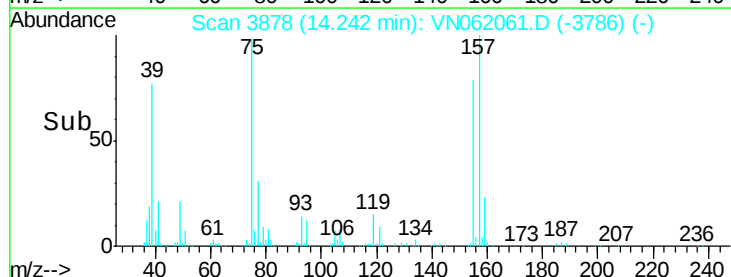
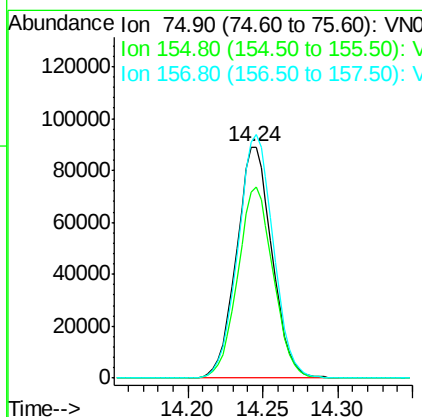
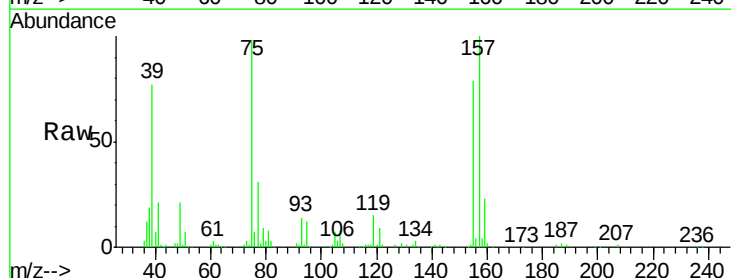
Manual Integrations
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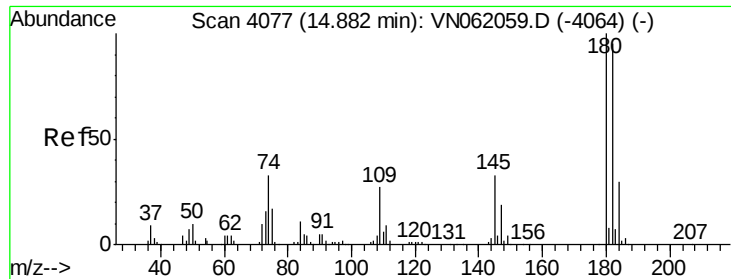
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 166.615 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.6	40.8	122.4
157	104.8	51.4	154.3





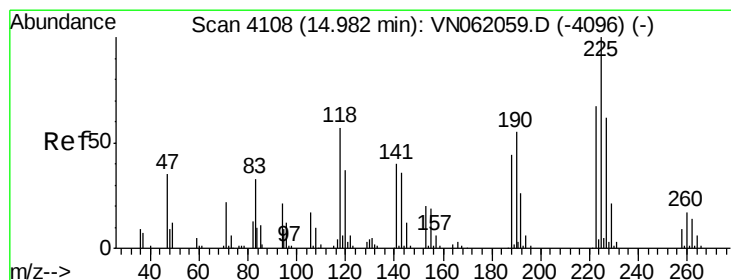
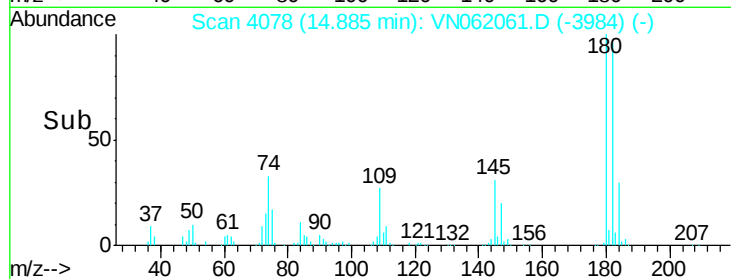
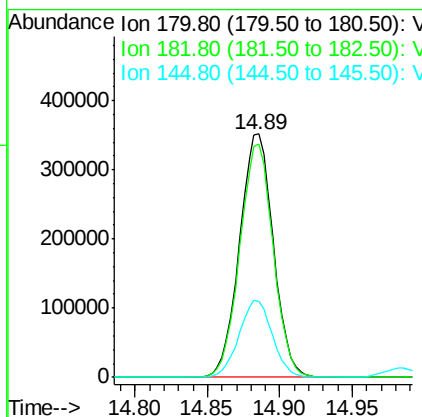
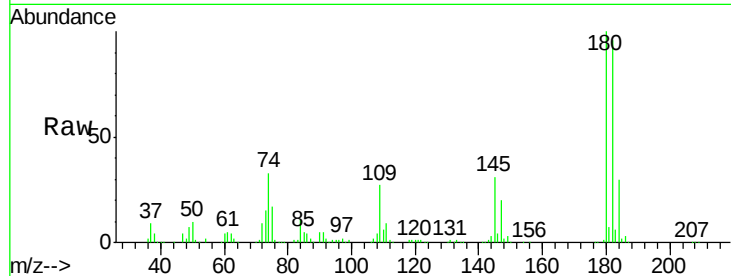
#93
 1,2,4-Trichlorobenzene
 Concen: 166.834 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.0	144.2
145	31.2	16.0	48.0

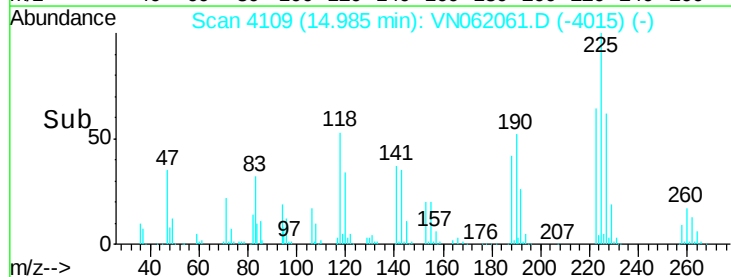
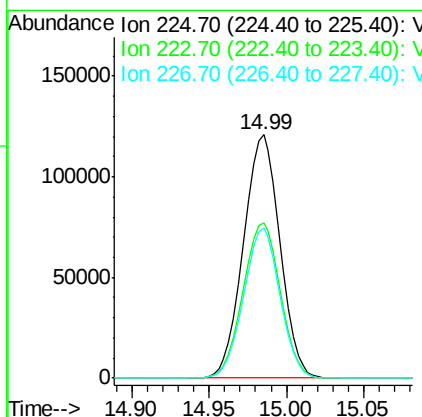
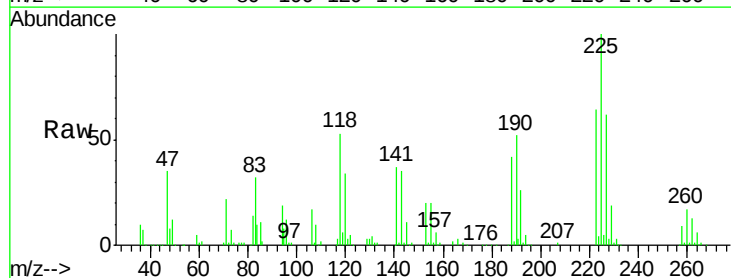
Manual Integrations
 APPROVED

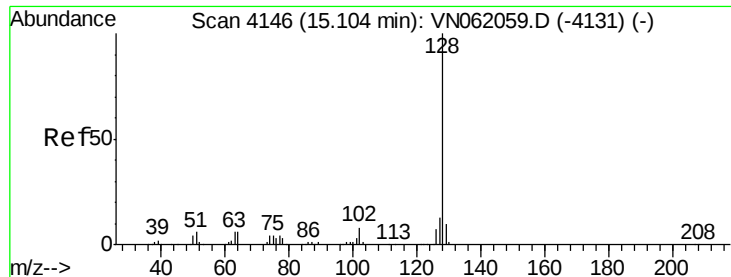
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 146.684 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062061.D
 Acq: 24 Jun 2020 11:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.1	32.9	98.7
227	61.4	31.3	93.8





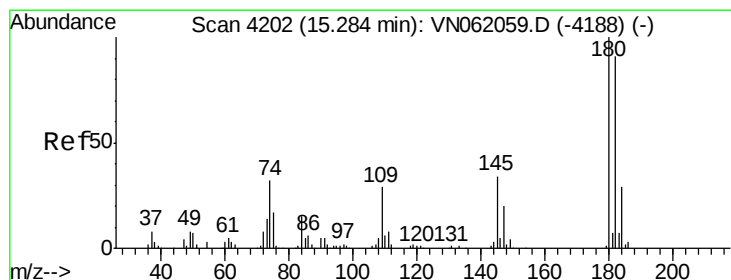
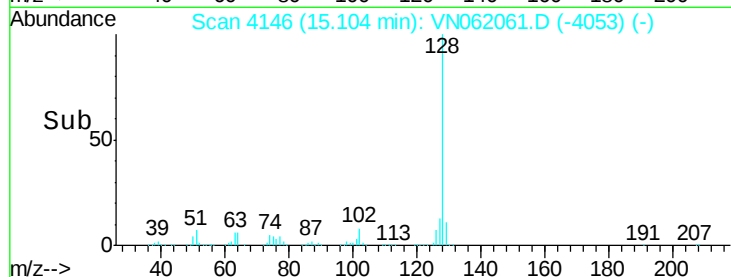
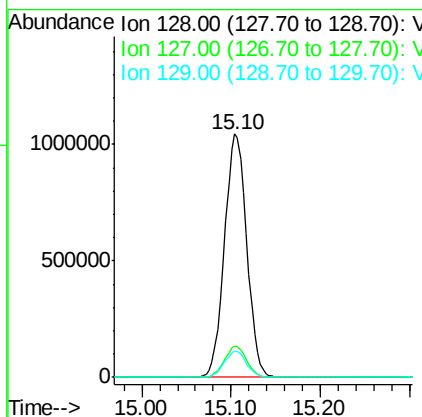
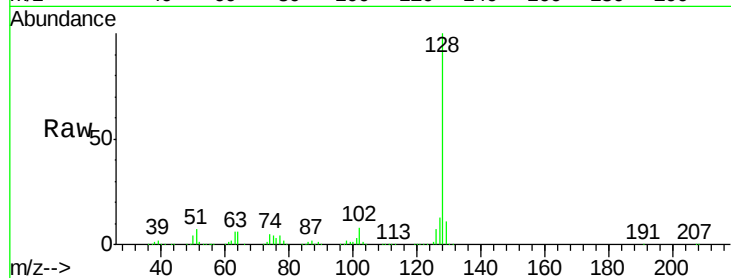
#95
Naphthalene
Concen: 182.492 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	10.7	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/25/2020 6:10:17 PM



#96
1,2,3-Trichlorobenzene
Concen: 164.529 ug/l
RT: 15.29 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN062061.D
Acq: 24 Jun 2020 11:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	46.8	140.4
145	33.4	16.4	49.2

