

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100220\
 Data File : VN063815.D
 Acq On : 2 Oct 2020 12:45
 Operator : JC/MD
 Sample : VN1002WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/5/2020 5:35:21 PM

Quant Time: Oct 05 04:38:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	248879	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	410609	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	383590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	174338	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	209273	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
35) Dibromofluoromethane	7.55	113	139784	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
50) Toluene-d8	10.06	98	517018	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
62) 4-Bromofluorobenzene	12.38	95	193263	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	45967	17.504	ug/l	98
3) Chloromethane	2.04	50	53339	17.310	ug/l	95
4) Vinyl Chloride	2.16	62	52106	16.846	ug/l	97
5) Bromomethane	2.54	94	34727	17.850	ug/l	98
6) Chloroethane	2.68	64	34238	18.525	ug/l	95
7) Trichlorofluoromethane	2.98	101	90489	18.446	ug/l	99
8) Diethyl Ether	3.37	74	29957	18.057	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	46753	17.831	ug/l	97
10) Methyl Iodide	3.91	142	56233	18.471	ug/l	99
11) Tert butyl alcohol	4.72	59	45813	100.923	ug/l #	89
12) 1,1-Dichloroethene	3.70	96	44887	17.911	ug/l	97
13) Acrolein	3.57	56	24707	88.682	ug/l	98
14) Allyl chloride	4.28	41	87212	18.731	ug/l	95
15) Acrylonitrile	4.93	53	120629	92.836	ug/l	97
16) Acetone	3.77	43	118942	93.973	ug/l	99
17) Carbon Disulfide	4.01	76	117310	17.776	ug/l	98
18) Methyl Acetate	4.28	43	65019	19.785	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	174252	19.138	ug/l	98
20) Methylene Chloride	4.51	84	56998	19.720	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	49308	17.565	ug/l	98
22) Diisopropyl ether	5.90	45	189802	19.814	ug/l	96
23) Vinyl Acetate	5.84	43	767817	96.761	ug/l	100
24) 1,1-Dichloroethane	5.80	63	104581	19.094	ug/l	100
25) 2-Butanone	6.78	43	179583	100.077	ug/l	97
26) 2,2-Dichloropropane	6.78	77	87002	17.345	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	58334	18.069	ug/l	96
28) Bromochloromethane	7.15	49	54081	19.977	ug/l	95
29) Tetrahydrofuran	7.16	42	117918	97.977	ug/l	98
30) Chloroform	7.33	83	106250	18.605	ug/l	94
31) Cyclohexane	7.61	56	82650	17.315	ug/l #	92
32) 1,1,1-Trichloroethane	7.53	97	96575	18.748	ug/l	99
36) 1,1-Dichloropropene	7.75	75	76228	18.325	ug/l	99
37) Ethyl Acetate	6.88	43	65106	15.753	ug/l	95
38) Carbon Tetrachloride	7.73	117	83121	17.819	ug/l	93

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	69137	16.666	ug/l	97
40) Benzene	8.00	78	218830	18.418	ug/l	98
41) Methacrylonitrile	7.13	41	36778	20.023	ug/l #	91
42) 1,2-Dichloroethane	8.09	62	99481	19.614	ug/l	99
43) Isopropyl Acetate	8.13	43	131573	19.301	ug/l	99
44) Trichloroethene	8.80	130	55696	17.891	ug/l	99
45) 1,2-Dichloropropane	9.08	63	60920	18.985	ug/l	97
46) Dibromomethane	9.17	93	41710	18.842	ug/l	98
47) Bromodichloromethane	9.37	83	87298	19.135	ug/l	96
48) Methyl methacrylate	9.17	41	65961	19.584	ug/l	94
49) 1,4-Dioxane	9.16	88	16894	352.935	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	400782	100.182	ug/l	99
52) Toluene	10.13	92	136908	18.629	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	91125	18.634	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	96321	18.833	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	56433	19.148	ug/l	98
56) Ethyl methacrylate	10.40	69	80763	19.332	ug/l	97
57) 1,3-Dichloropropane	10.68	76	95960	19.245	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	216078	96.693	ug/l	100
59) 2-Hexanone	10.72	43	284882	95.860	ug/l	98
60) Dibromochloromethane	10.87	129	61904	18.035	ug/l	97
61) 1,2-Dibromoethane	10.98	107	59165	19.625	ug/l	99
64) Tetrachloroethene	10.60	164	52657	17.743	ug/l	98
65) Chlorobenzene	11.41	112	145917	18.544	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	55521	18.405	ug/l	99
67) Ethyl Benzene	11.49	91	262772	18.353	ug/l	98
68) m/p-Xylenes	11.59	106	192327	36.041	ug/l	98
69) o-Xylene	11.92	106	92115	18.469	ug/l	99
70) Styrene	11.94	104	155375	18.352	ug/l	97
71) Bromoform	12.10	173	40109	17.385	ug/l #	96
73) Isopropylbenzene	12.22	105	245146	19.278	ug/l	100
74) N-amyl acetate	12.05	43	107170	19.545	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	79345	20.405	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	73821m	19.209	ug/l	
77) Bromobenzene	12.50	156	62295	19.965	ug/l	97
78) n-propylbenzene	12.57	91	280925	18.983	ug/l	100
79) 2-Chlorotoluene	12.65	91	176883	19.434	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	208660	19.559	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	25441	19.066	ug/l	93
82) 4-Chlorotoluene	12.75	91	187079	19.800	ug/l	98
83) tert-Butylbenzene	12.97	119	163698	18.759	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	207235	19.457	ug/l	99
85) sec-Butylbenzene	13.15	105	212193	18.514	ug/l	100
86) p-Isopropyltoluene	13.26	119	193408	19.075	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	106386	18.846	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	109640	18.654	ug/l	99
89) n-Butylbenzene	13.59	91	163713	17.494	ug/l	99
90) Hexachloroethane	13.85	117	35231	17.931	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	106716	19.087	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	17579	19.277	ug/l	97

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QLast Update : Thu Oct 01 01:46:38 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	48161	17.027	ug/l	99
94) Hexachlorobutadiene	14.98	225	28028	18.531	ug/l	100
95) Naphthalene	15.11	128	153383	17.602	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	48506	17.502	ug/l	99

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

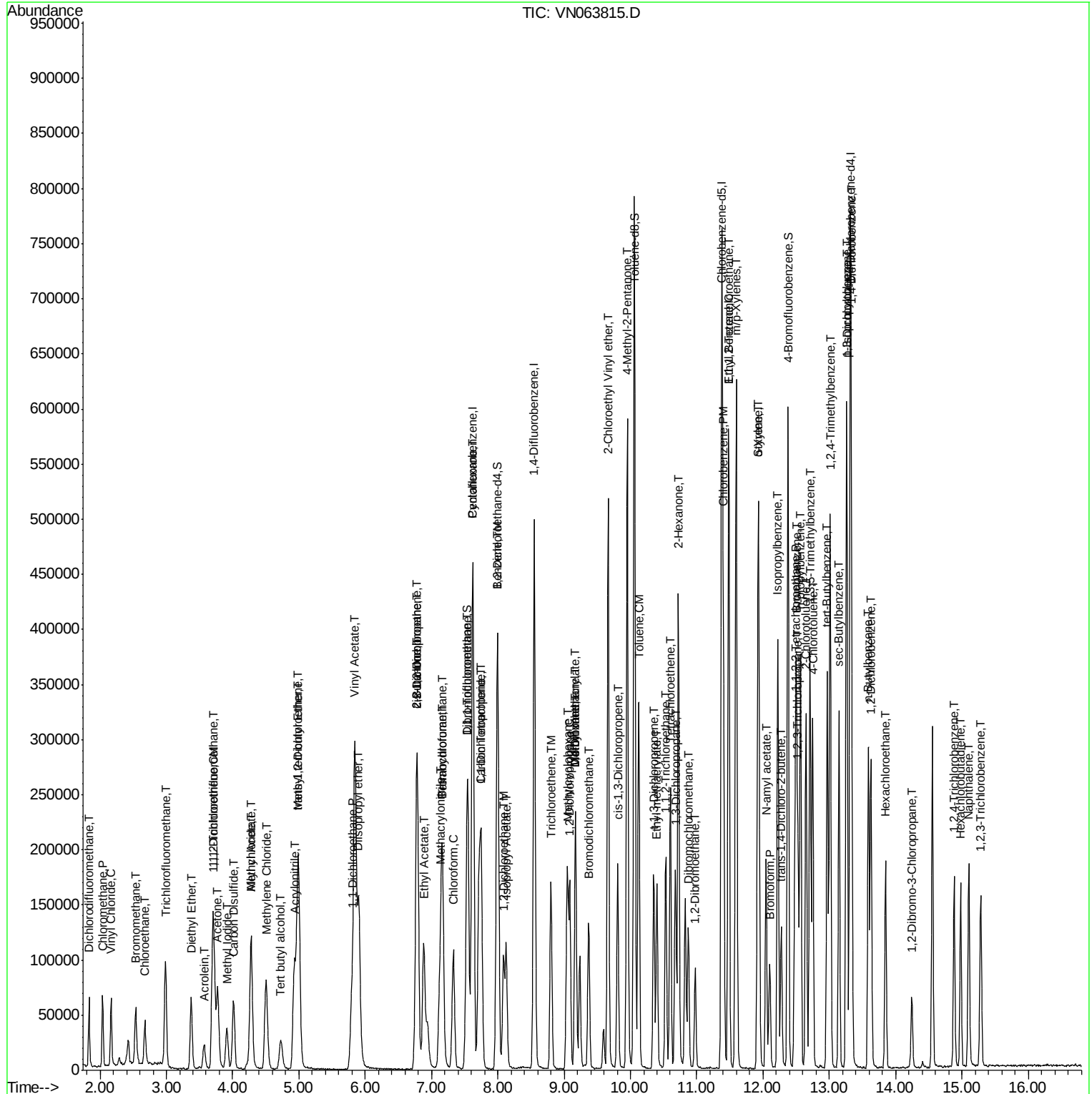
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 Data File : VN063815.D
 Acq On : 2 Oct 2020 12:45
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 Sample : VN1002WBSD01
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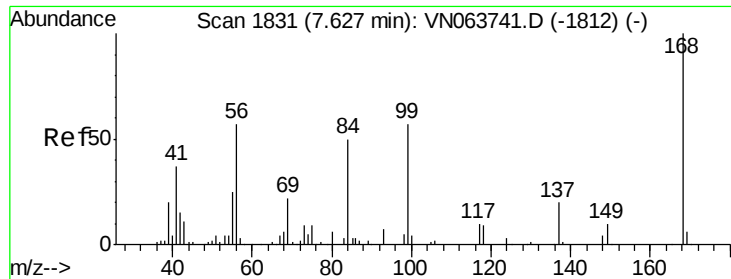
Instrument :
 MSVOA_N
 Client Sampled :
 VN1002WBSD01

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBSD01

Tot Ion:168 Resp: 248879

Ion Ratio Lower Upper

168 100

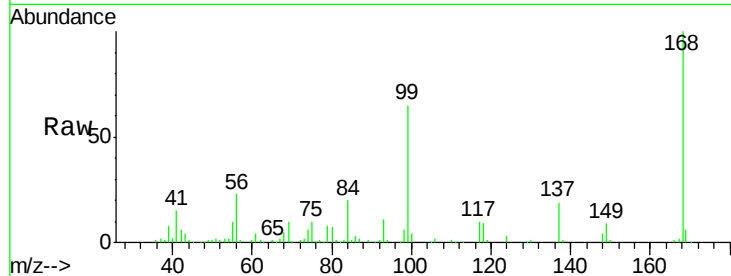
99 65.1 51.8 77.6

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

7.63

120000

100000

80000

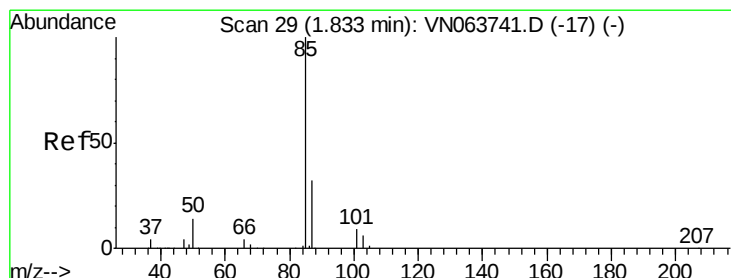
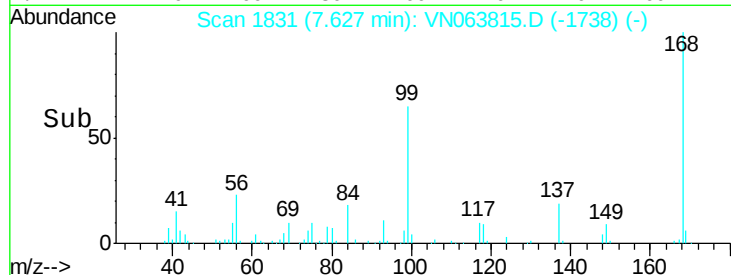
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.504 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063815.D

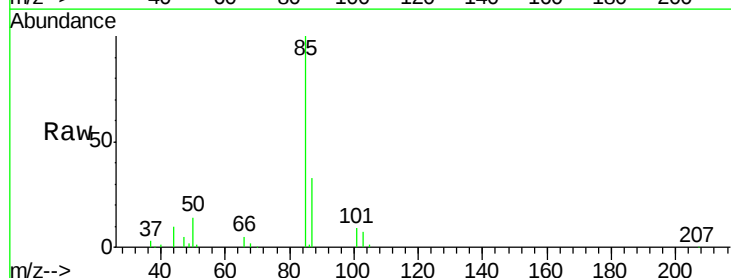
Acq: 2 Oct 2020 12:45

Tgt Ion: 85 Resp: 45967

Ion Ratio Lower Upper

85 100

87 32.8 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

40000

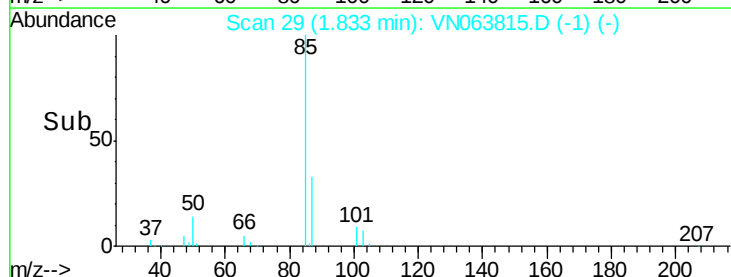
30000

20000

10000

0

Time-->





#3

Chloromethane

Concen: 17.310 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBSD01

Tot Ion: 50 Resp: 53339

Ion Ratio Lower Upper

50 100

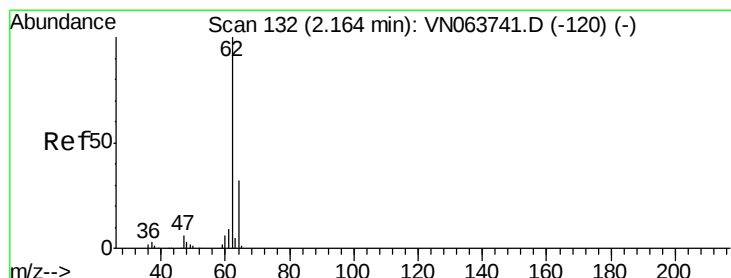
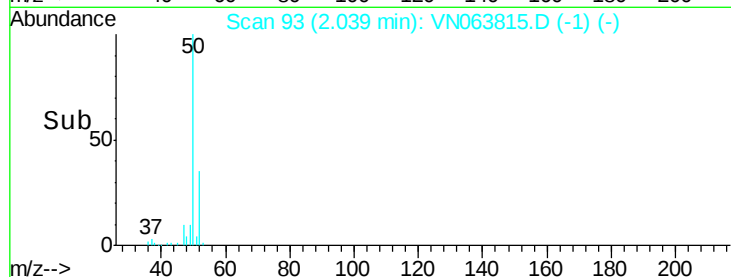
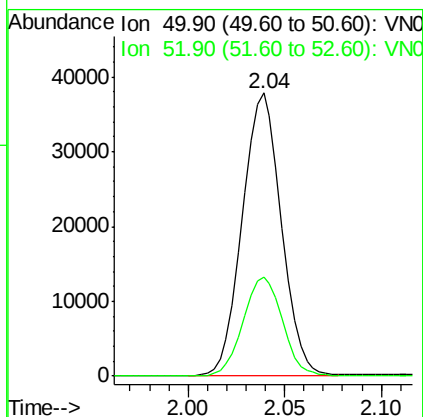
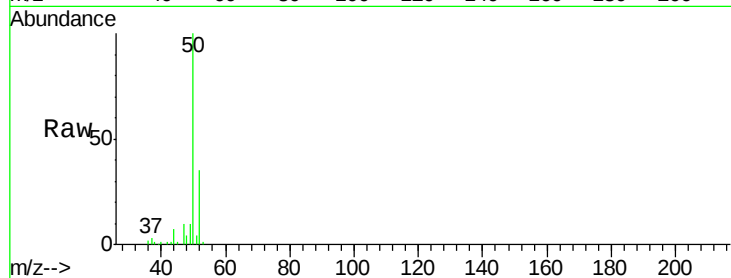
52 35.0 25.8 38.8

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#4

Vinyl Chloride

Concen: 16.846 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063815.D

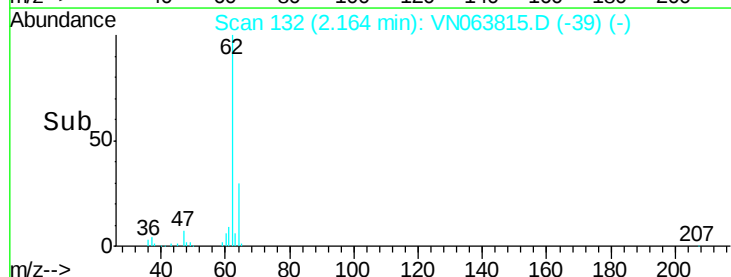
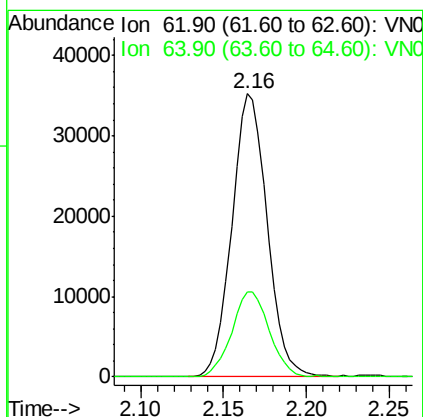
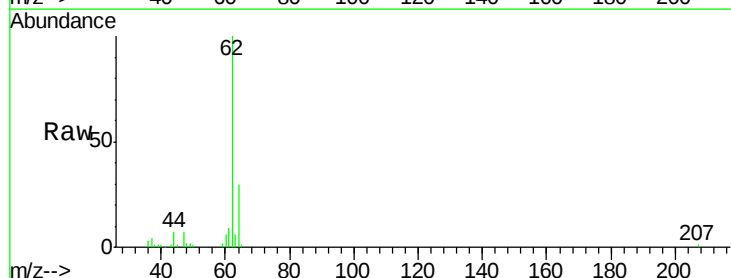
Acq: 2 Oct 2020 12:45

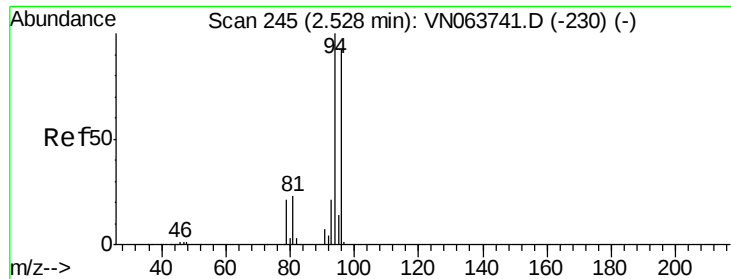
Tgt Ion: 62 Resp: 52106

Ion Ratio Lower Upper

62 100

64 30.1 25.6 38.4





#5

Bromomethane

Concen: 17.850 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Instrument :

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ClientSampleId :

VN1002WBSD01

Tot Ion: 94 Resp: 34727

Ion Ratio Lower Upper

94 100

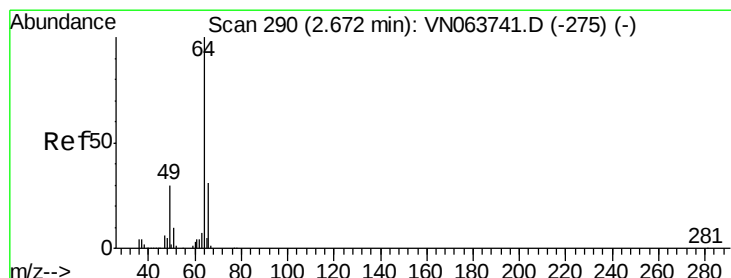
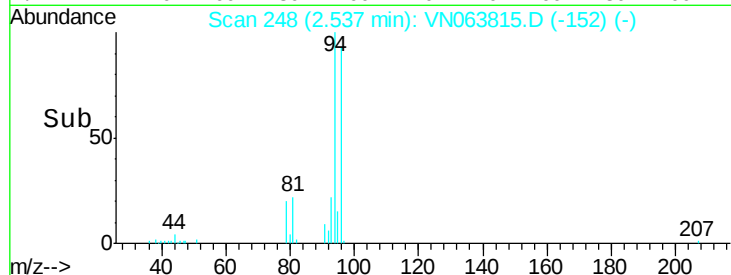
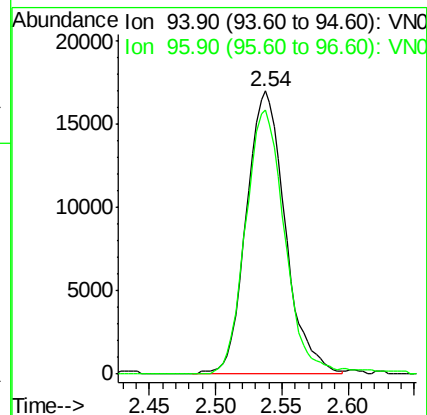
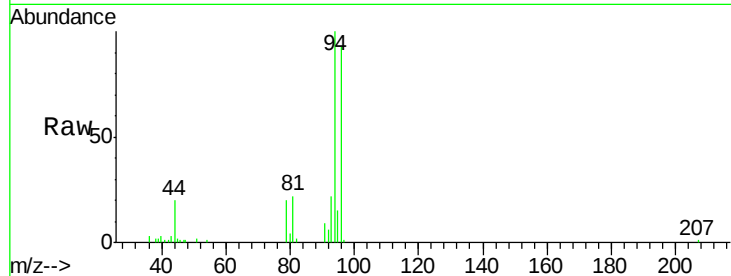
96 93.1 73.3 109.9

Manual Integrations

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#6

Chloroethane

Concen: 18.525 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN063815.D

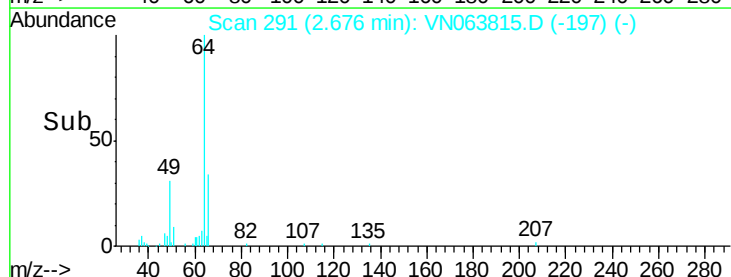
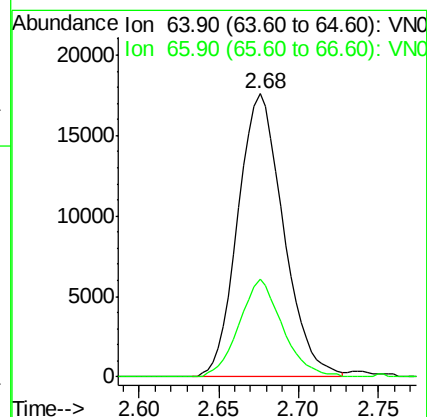
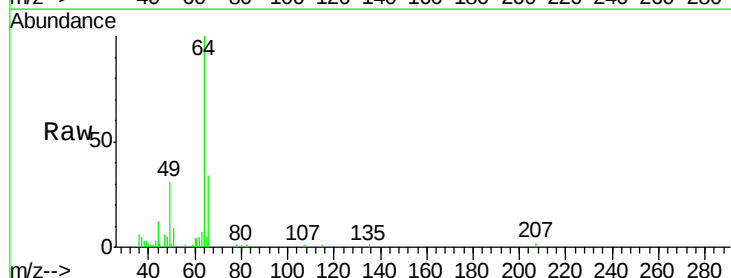
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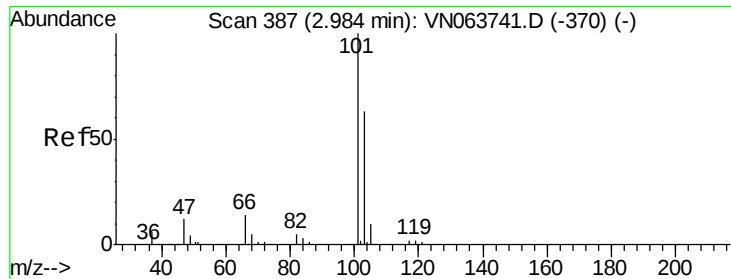
Tgt Ion: 64 Resp: 34238

Ion Ratio Lower Upper

64 100

66 34.3 25.1 37.7





#7

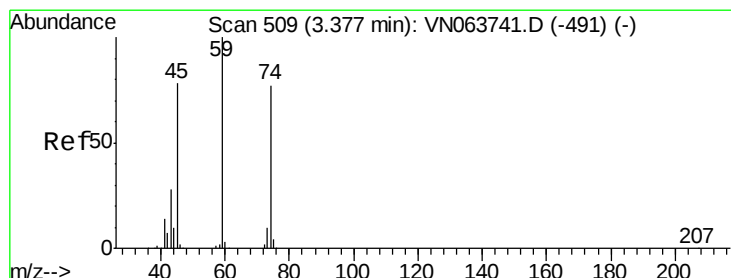
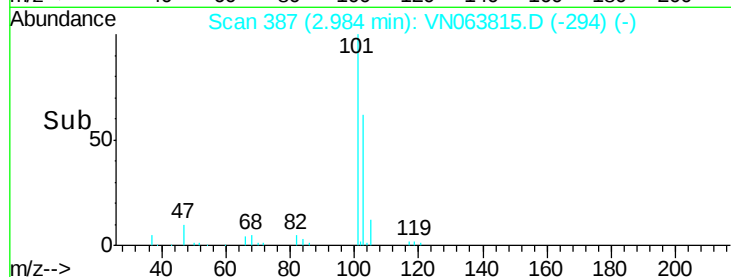
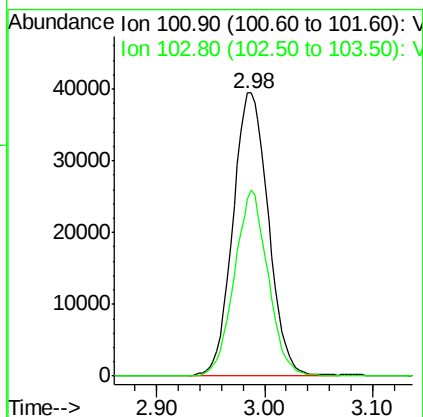
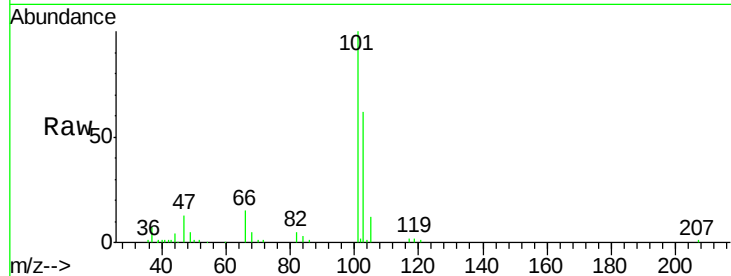
Trichlorofluoromethane
 Concen: 18.446 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN063815.D
 Acq: 2 Oct 2020 12:45

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 VN1002WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.4	50.7	76.1

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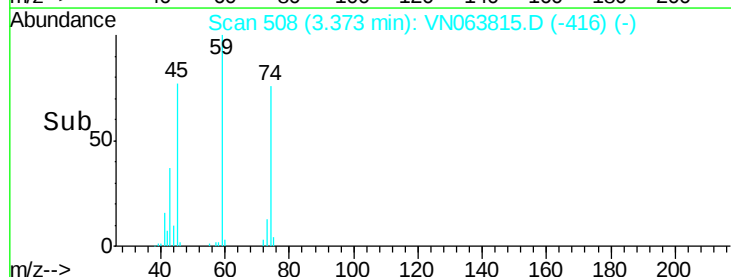
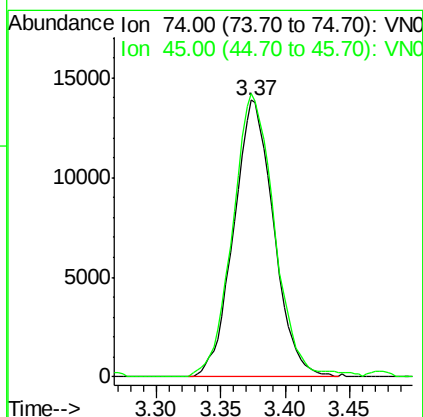
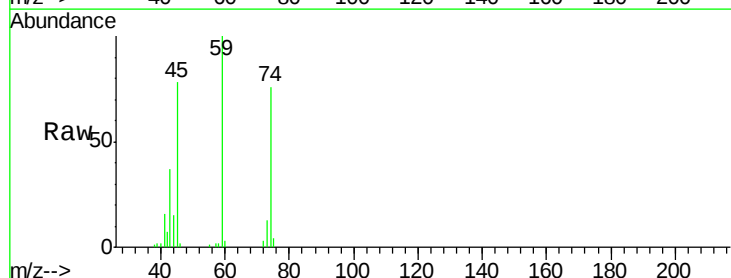
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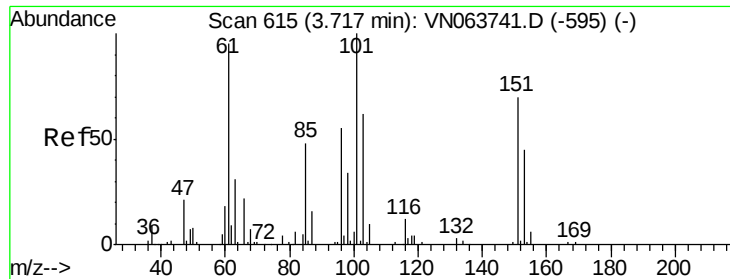


#8

Diethyl Ether
 Concen: 18.057 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063815.D
 Acq: 2 Oct 2020 12:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.4	50.9	152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.831 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

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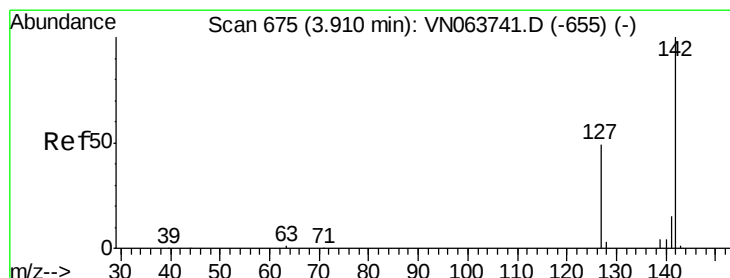
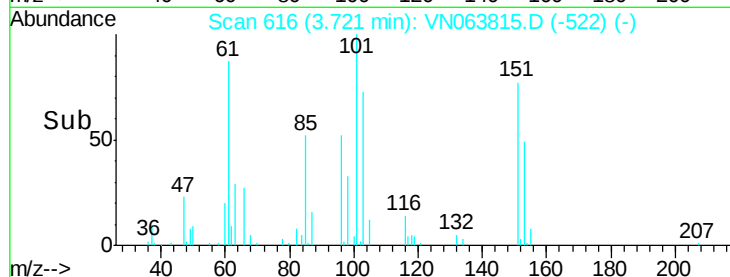
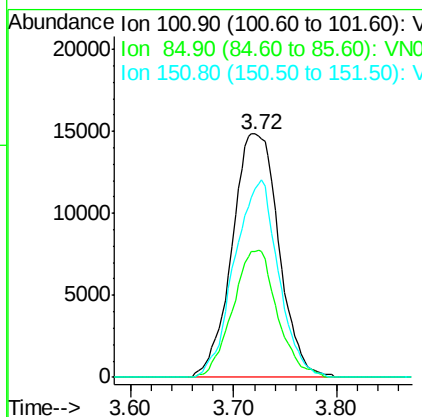
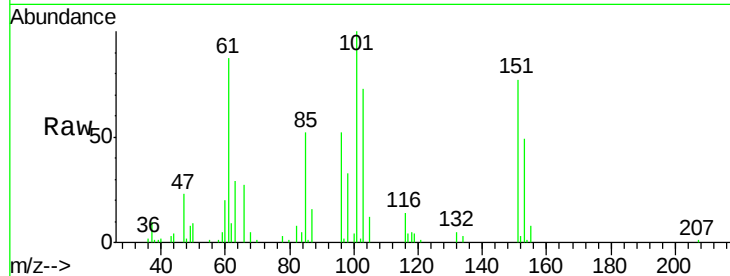
ClientSampleId :

VN1002WBSD01

Tot Ion:	101	Resp:	46753
Ion Ratio	Lower	Upper	
101	100		
85	49.6	38.6	58.0
151	76.3	58.7	88.1

Manual Integrations
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#10

Methyl Iodide

Concen: 18.471 ug/l

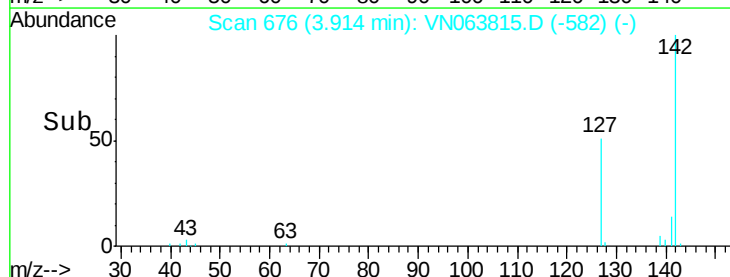
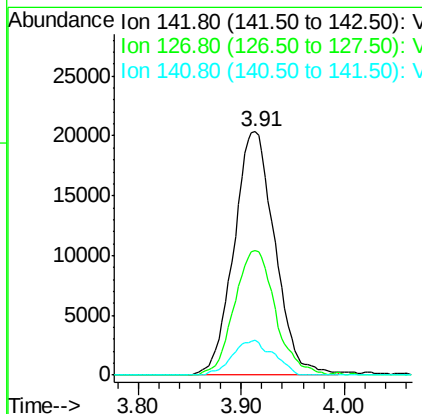
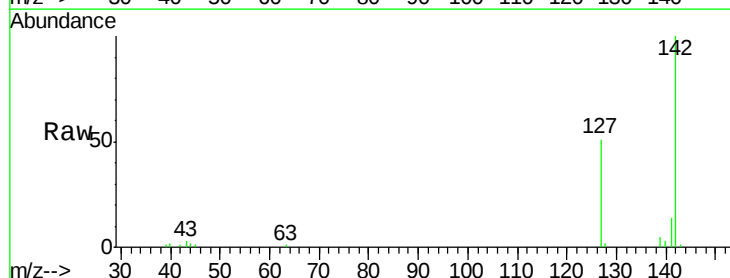
RT: 3.91 min Scan# 676

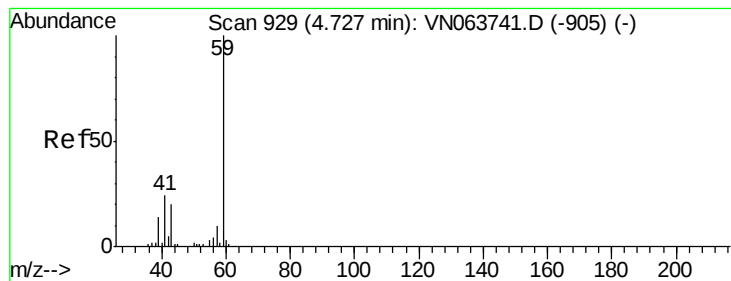
Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Tgt Ion:	142	Resp:	56233
Ion Ratio	Lower	Upper	
142	100		
127	51.2	40.5	60.7
141	14.4	11.7	17.5





#11

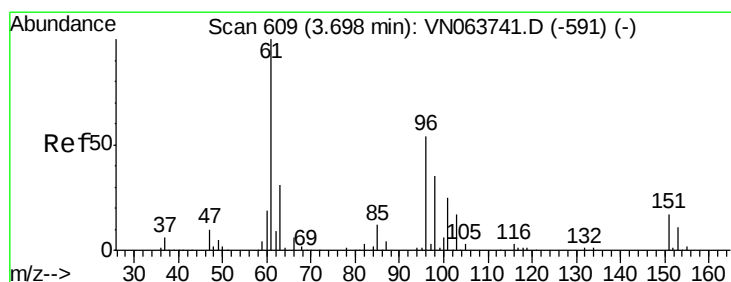
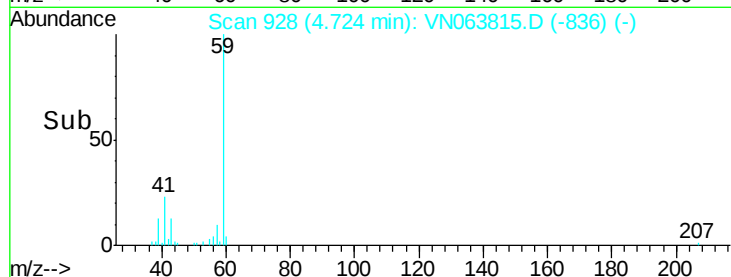
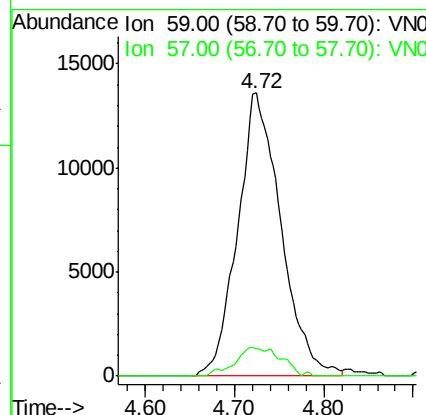
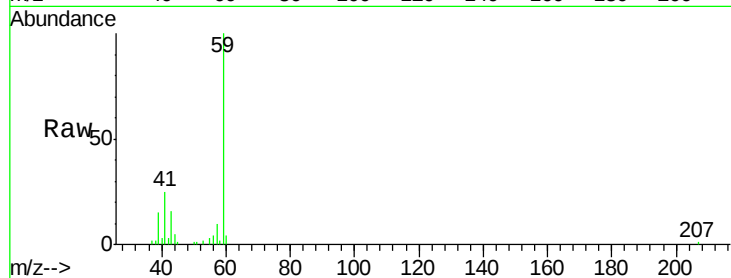
Tert butyl alcohol
Concen: 100.923 ug/l
RT: 4.72 min Scan# 928
Delta R.T. -0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

Tot Ion	59	57	Ratio	100	6.6	Resp	45813	Lower	8.7	Upper	13.1#
Ion	59	57	Ratio	100	6.6	Resp	45813	Lower	8.7	Upper	13.1#

Manual Integrations
APPROVED

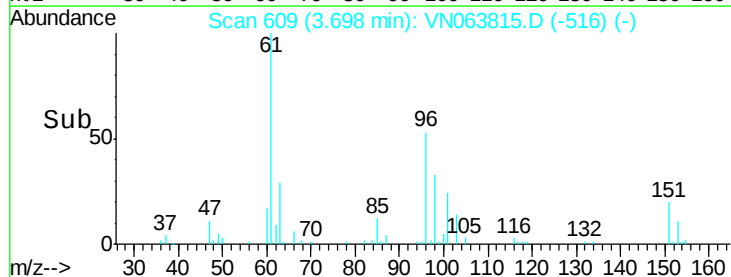
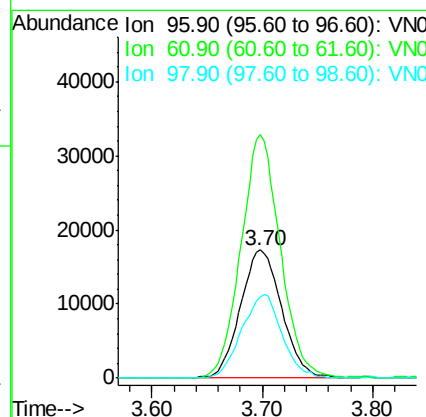
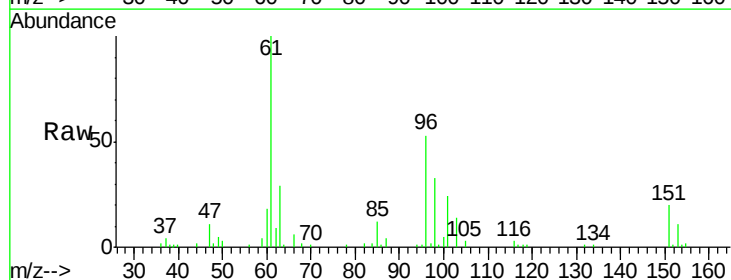
MMDadoda
10/5/2020 5:35:21 PM

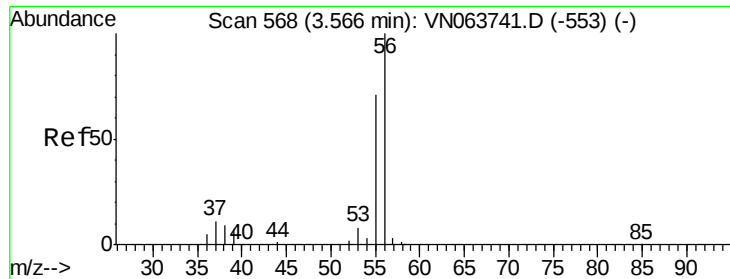


#12

1,1-Dichloroethene
Concen: 17.911 ug/l
RT: 3.70 min Scan# 609
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Tgt Ion	96	61	98	Ratio	100	190.3	63.4	Resp	44887	Lower	147.7	51.9	Upper	221.5	77.9
Ion	96 <td>61 <td>98</td> <td>Ratio</td> <td>100</td> <td>190.3</td> <td>63.4</td> <td>Resp</td> <td>44887</td> <td>Lower</td> <td>147.7</td> <td>51.9</td> <td>Upper</td> <td>221.5</td> <td>77.9</td> </td>	61 <td>98</td> <td>Ratio</td> <td>100</td> <td>190.3</td> <td>63.4</td> <td>Resp</td> <td>44887</td> <td>Lower</td> <td>147.7</td> <td>51.9</td> <td>Upper</td> <td>221.5</td> <td>77.9</td>	98	Ratio	100	190.3	63.4	Resp	44887	Lower	147.7	51.9	Upper	221.5	77.9





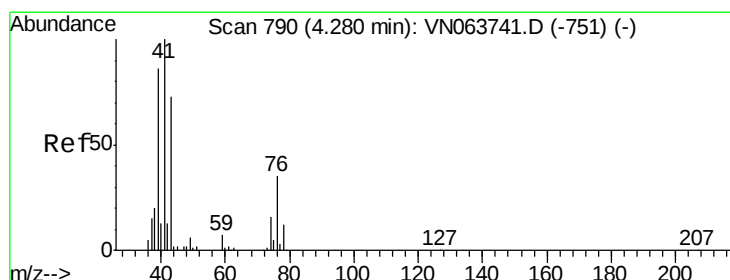
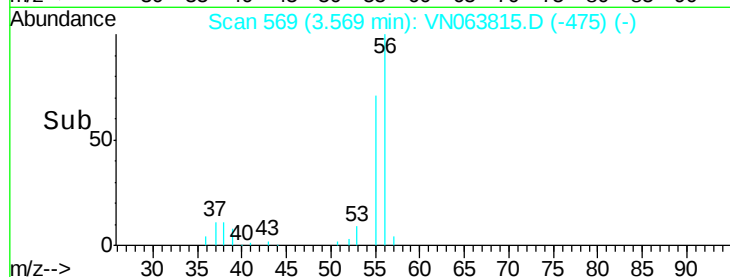
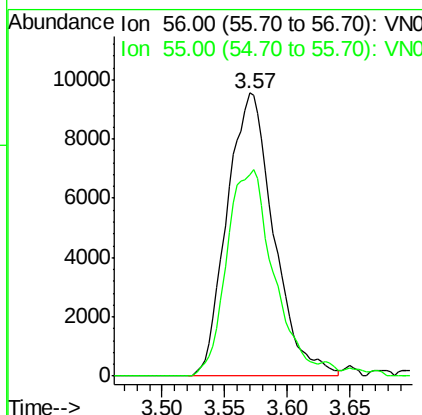
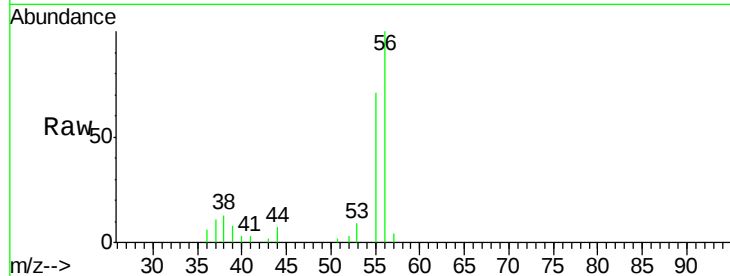
#13
Acrolein
Concen: 88.682 ug/l
RT: 3.57 min Scan# 569
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

Tot Ion	56	55	Ratio	Lower	Upper
24707	100	72.8		56.9	85.3

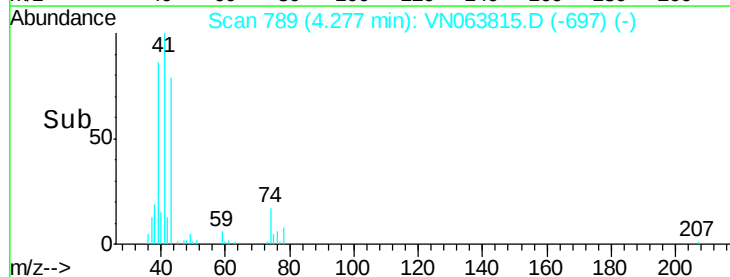
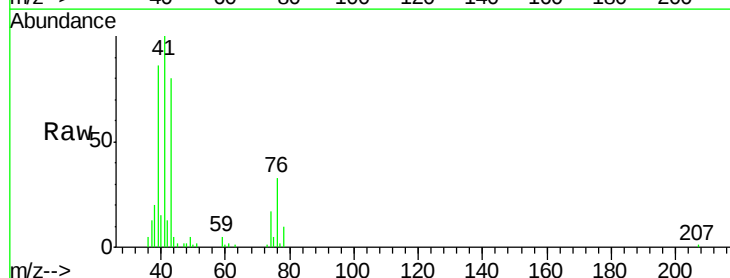
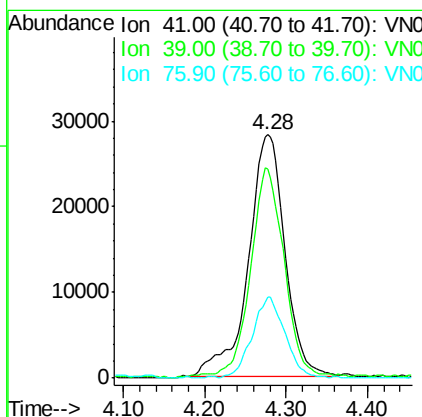
Manual Integrations
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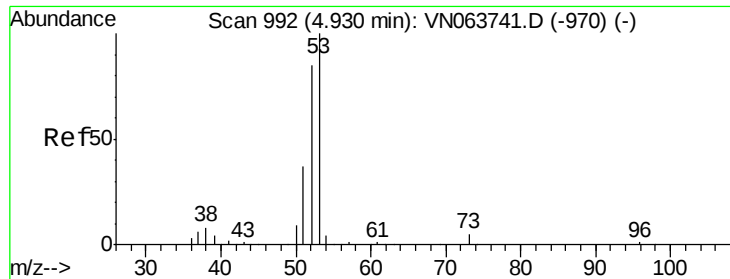
MMDadoda
10/5/2020 5:35:21 PM



#14
Allyl chloride
Concen: 18.731 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Tgt Ion	41	39	76	Ratio	Lower	Upper
87212	100	75.9	30.2		64.5	96.7





#15

Acrylonitrile

Concen: 92.836 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Instrument :

MSVOA_N

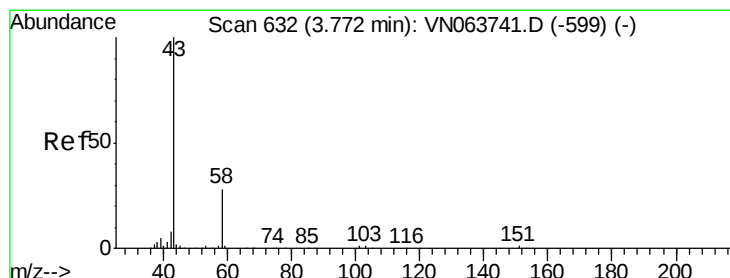
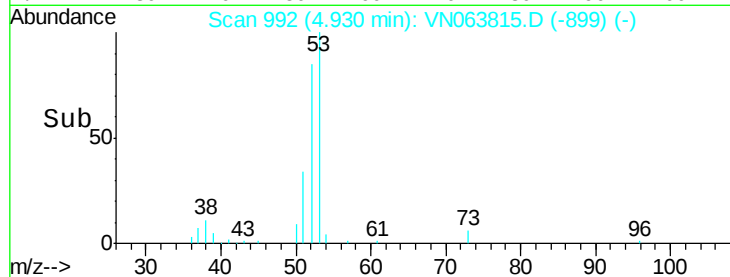
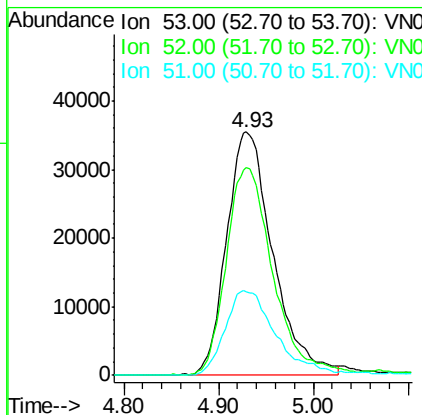
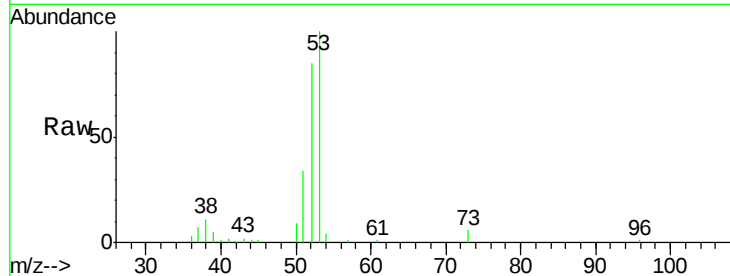
ClientSampleId :

VN1002WBSD01

Tot Ion:	53	Resp:	120629
Ion	Ratio	Lower	Upper
53	100		
52	86.3	66.5	99.7
51	37.7	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 93.973 ug/l

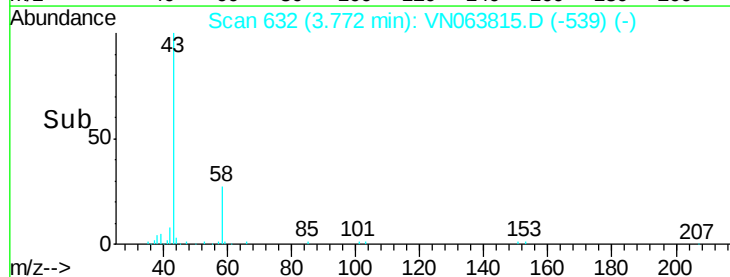
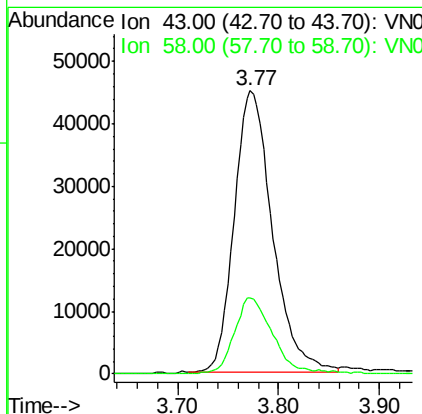
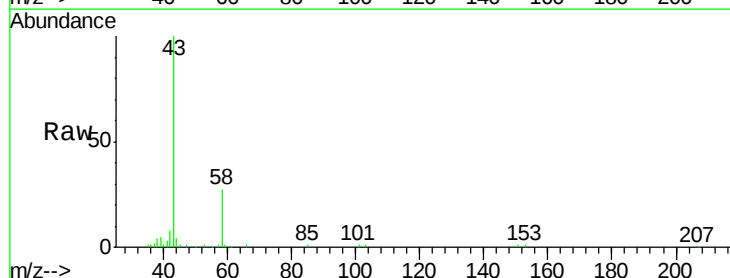
RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Tgt Ion:	43	Resp:	118942
Ion	Ratio	Lower	Upper
43	100		
58	27.1	22.3	33.5





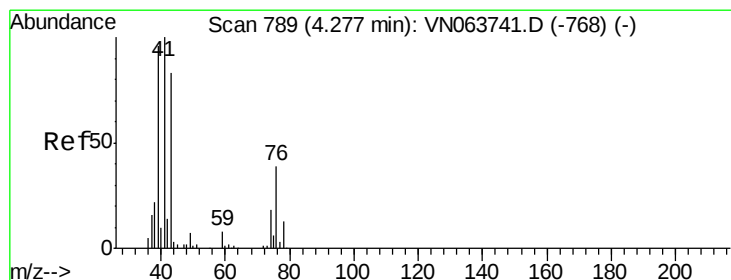
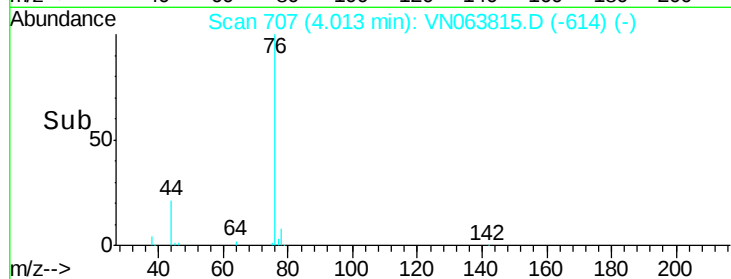
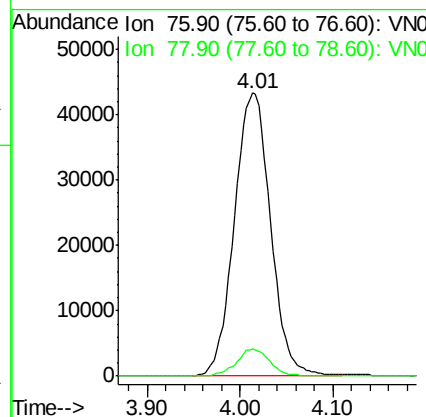
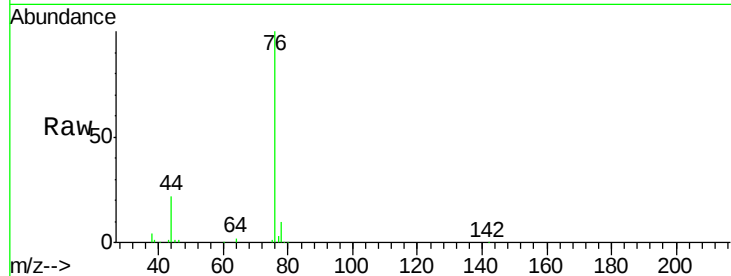
#17
Carbon Disulfide
Concen: 17.776 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.0	10.4

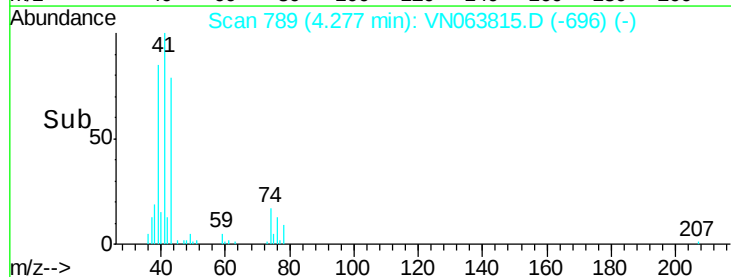
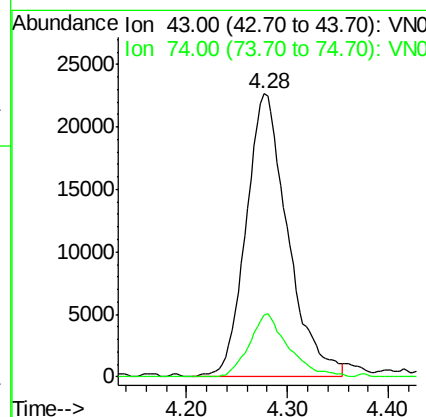
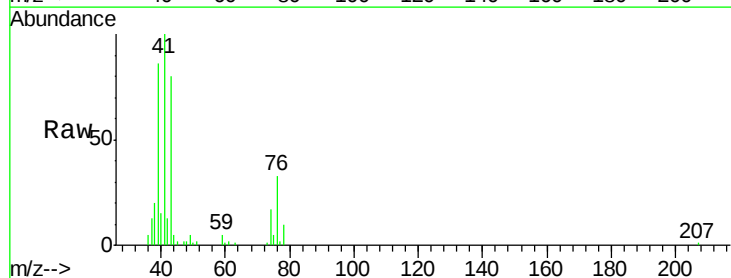
Manual Integrations
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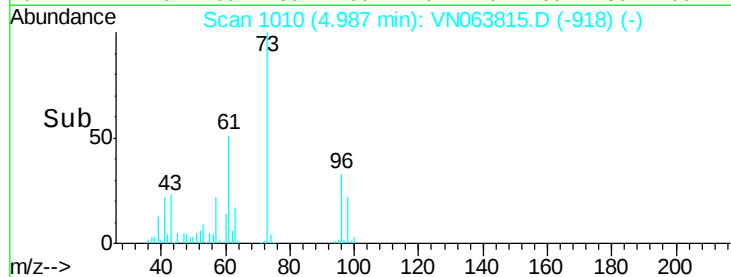
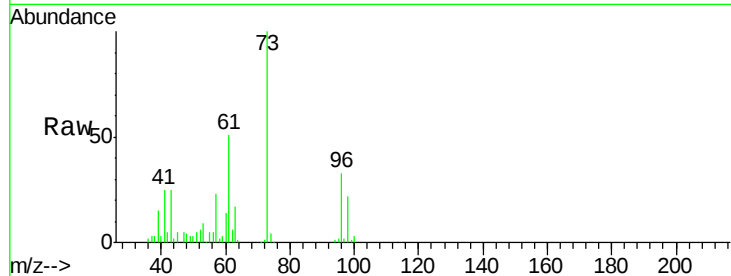
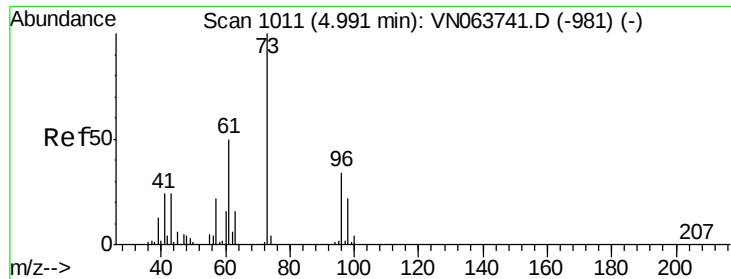
MMDadoda
10/5/2020 5:35:21 PM



#18
Methyl Acetate
Concen: 19.785 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.9	17.4	26.2





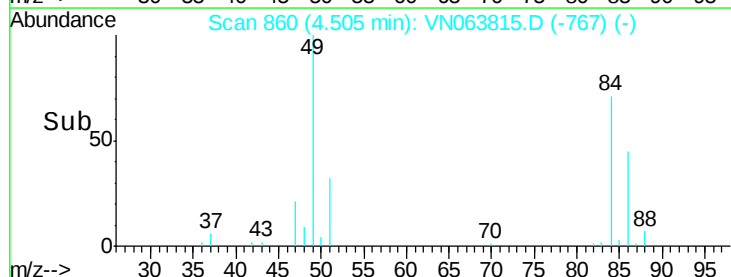
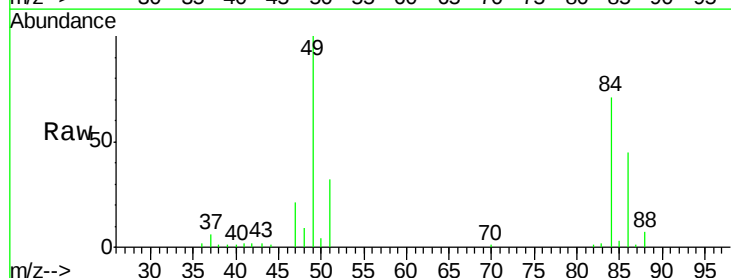
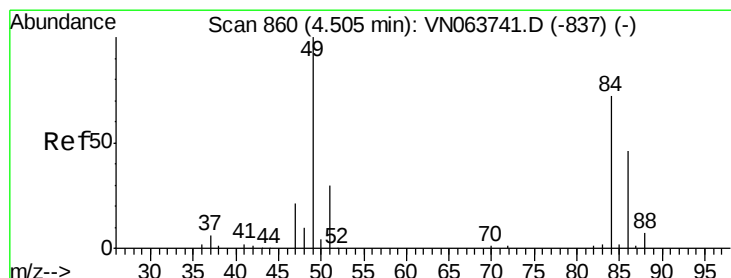
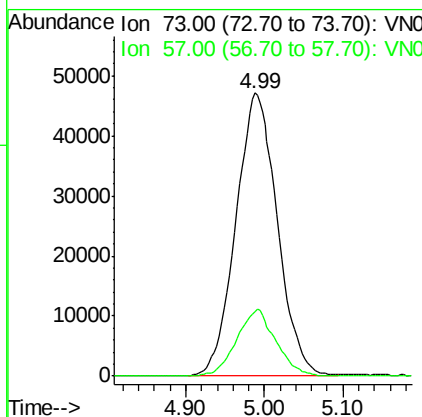
#19
Methyl tert-butyl Ether
Concen: 19.138 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Tot Ion: 73 Resp: 174252
Ion Ratio Lower Upper
73 100
57 22.9 17.6 26.4

Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

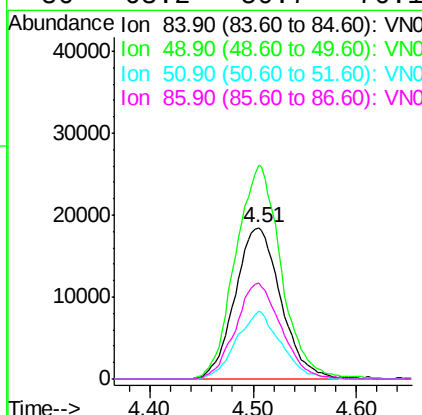
Manual Integrations
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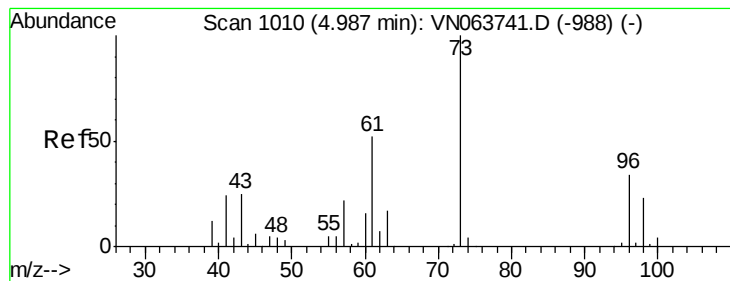
MMDadoda
10/5/2020 5:35:21 PM



#20
Methylene Chloride
Concen: 19.720 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Tgt Ion: 84 Resp: 56998
Ion Ratio Lower Upper
84 100
49 140.9 110.4 165.6
51 44.7 33.3 49.9
86 63.2 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 17.565 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBSD01

Tot Ion: 96 Resp: 49308

Ion Ratio Lower Upper

96 100

61 153.8 120.2 180.2

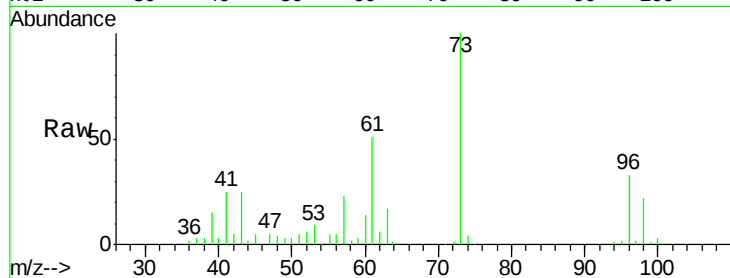
98 67.1 52.6 79.0

Manual Integrations

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MMDadoda

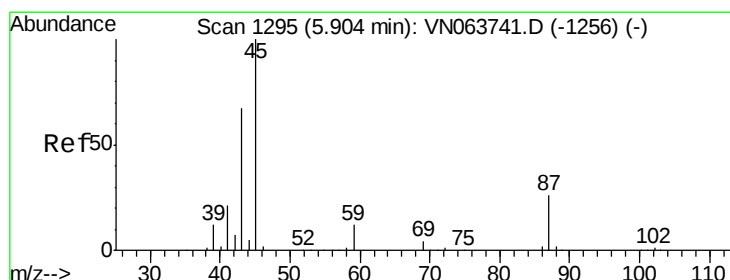
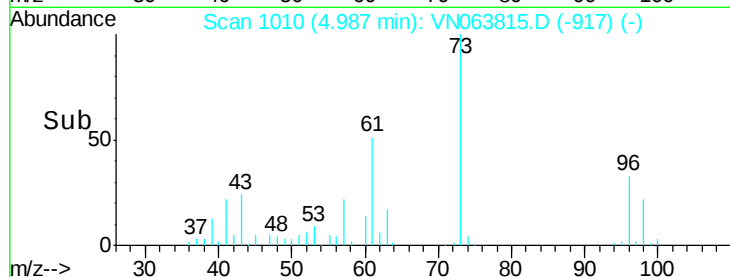
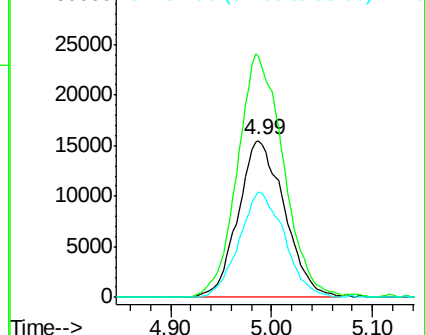
10/5/2020 5:35:21 PM



Abundance Ion 95.90 (95.60 to 96.60): VN063815.D (-1202) (-)

Ion 60.90 (60.60 to 61.60): VN063815.D (-1202) (-)

Ion 97.90 (97.60 to 98.60): VN063815.D (-1202) (-)



#22

Diisopropyl ether

Concen: 19.814 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Tgt Ion: 45 Resp: 189802

Ion Ratio Lower Upper

45 100

43 71.9 53.7 80.5

87 25.6 21.1 31.7

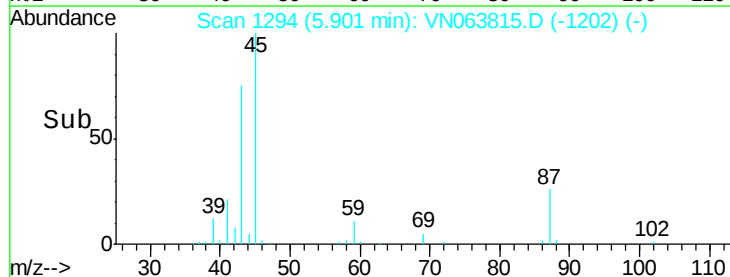
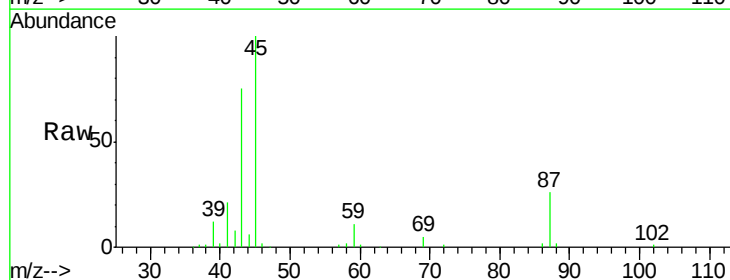
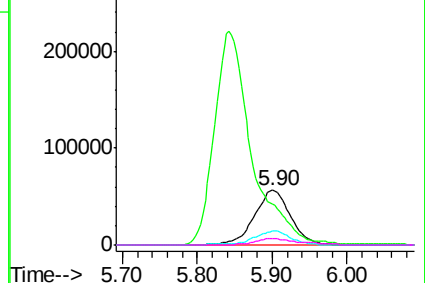
59 11.0 9.2 13.8

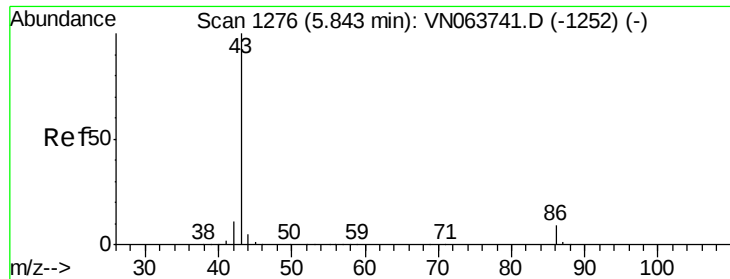
Abundance Ion 45.00 (44.70 to 45.70): VN063815.D (-1202) (-)

Ion 43.00 (42.70 to 43.70): VN063815.D (-1202) (-)

Ion 87.00 (86.70 to 87.70): VN063815.D (-1202) (-)

Ion 59.00 (58.70 to 59.70): VN063815.D (-1202) (-)





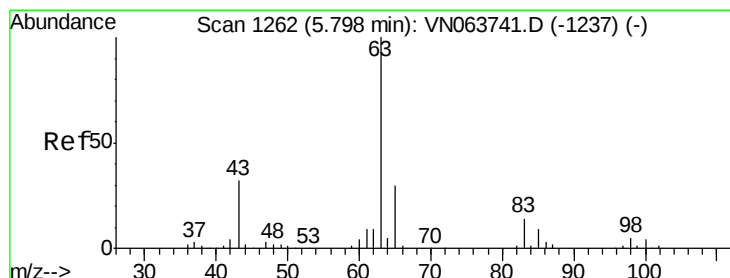
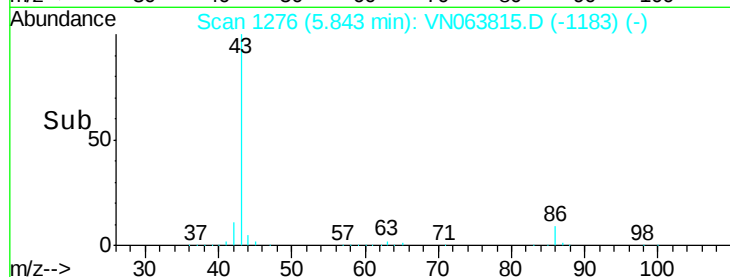
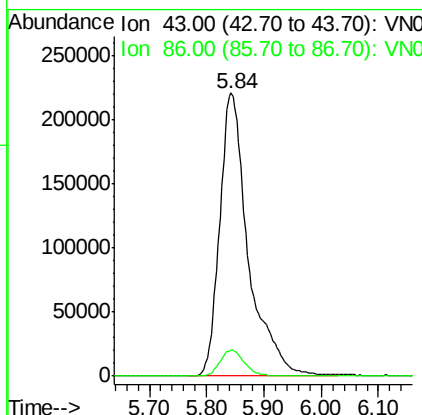
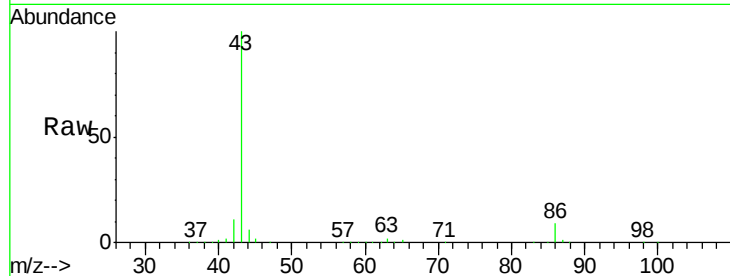
#23
 Vinyl Acetate
 Concen: 96.761 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN063815.D
 Acq: 2 Oct 2020 12:45

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1002WBSD01

Tot Ion	43	Resp	767817
Ion Ratio	100	Lower	Upper
43	100		
86	9.0	7.3	10.9

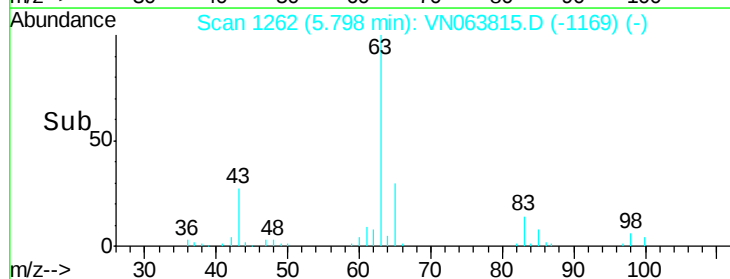
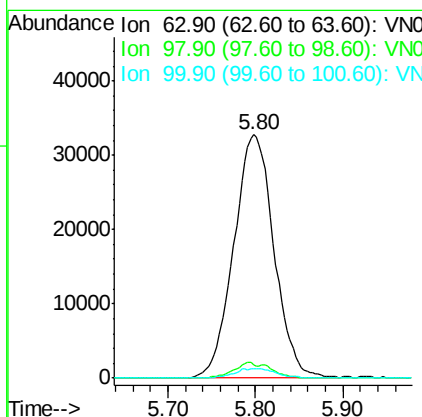
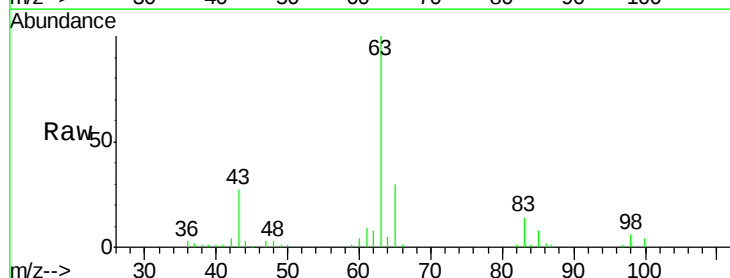
Manual Integrations
 APPROVED

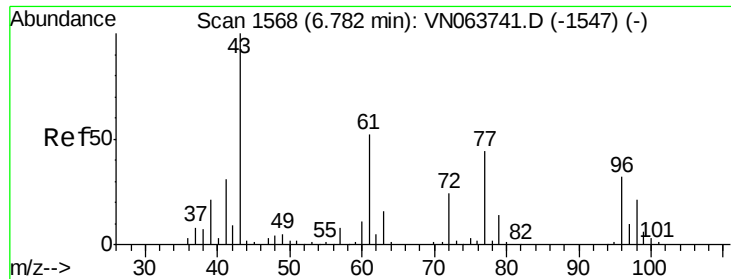
MMDadoda
 10/5/2020 5:35:21 PM



#24
 1,1-Dichloroethane
 Concen: 19.094 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN063815.D
 Acq: 2 Oct 2020 12:45

Tgt Ion	63	Resp	104581
Ion Ratio	100	Lower	Upper
63	100		
98	5.5	2.7	8.1
100	3.6	1.9	5.7





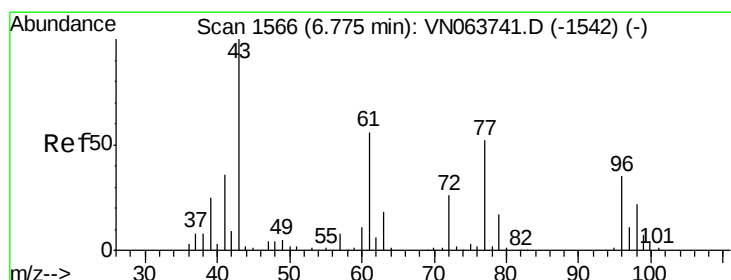
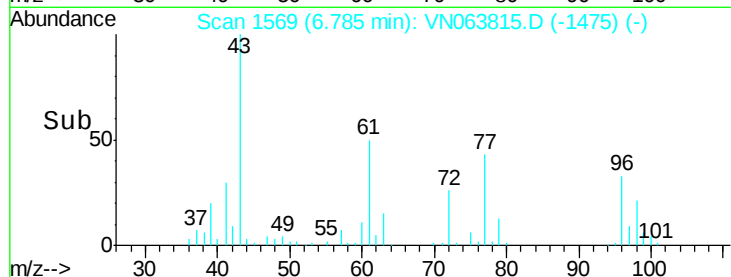
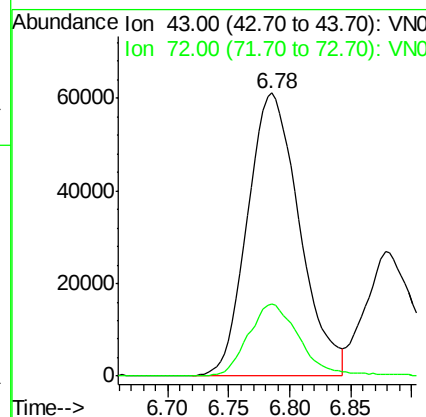
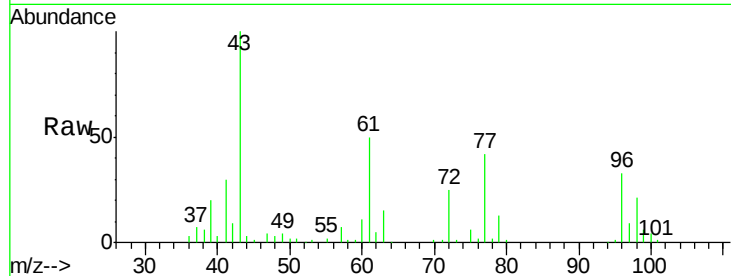
#25
2-Butanone
Concen: 100.077 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

Tot Ion: 43 Resp: 179583
Ion Ratio Lower Upper
43 100
72 25.5 19.3 28.9

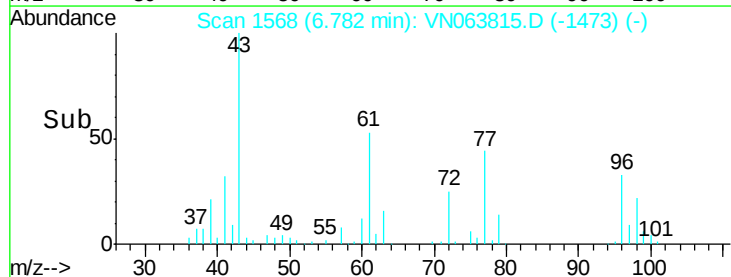
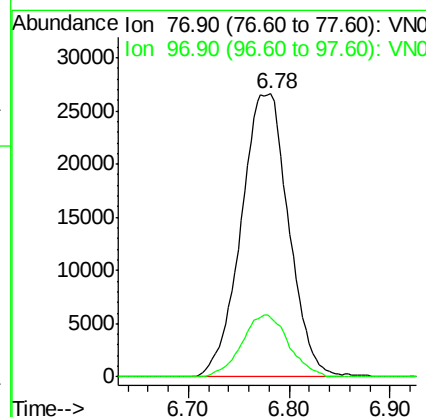
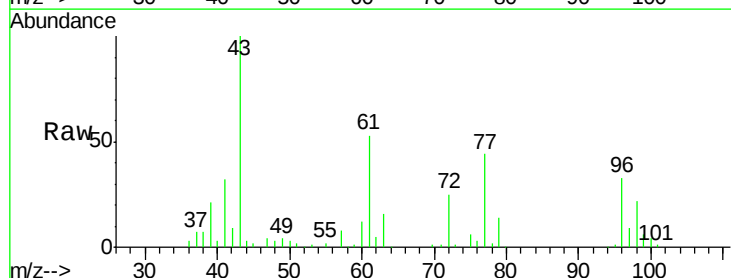
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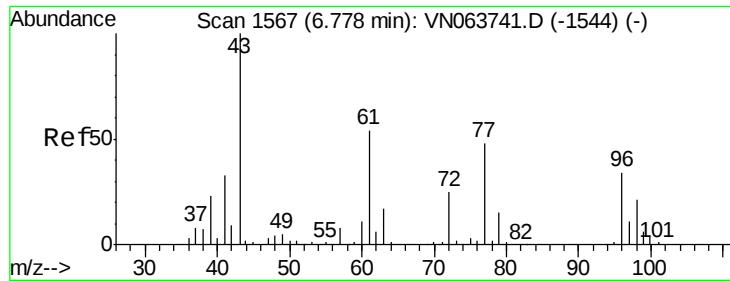
MMDadoda
10/5/2020 5:35:21 PM



#26
2,2-Dichloropropane
Concen: 17.345 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Tgt Ion: 77 Resp: 87002
Ion Ratio Lower Upper
77 100
97 21.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 18.069 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Instrument :

MSVOA_N

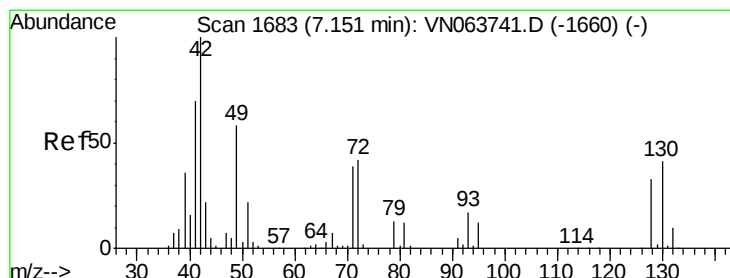
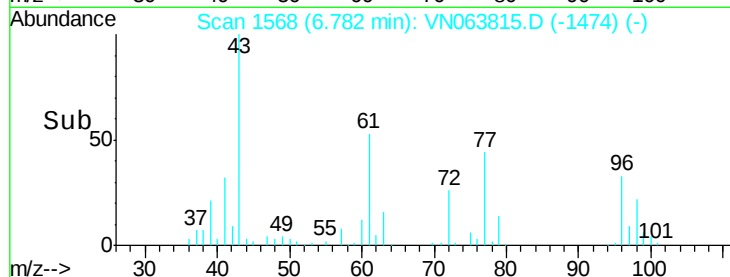
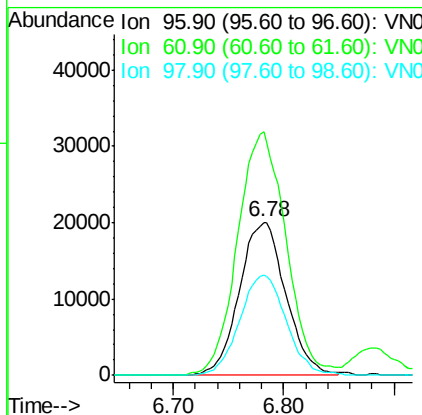
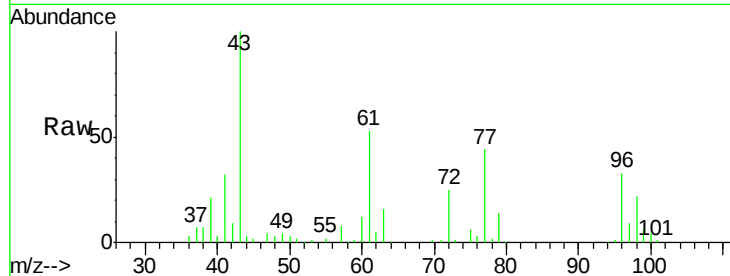
ClientSampleId :

VN1002WBSD01

Tot Ion:	96	Resp:	58334
Ion	Ratio	Lower	Upper
96	100		
61	166.3	0.0	321.2
98	65.8	0.0	124.4

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#28

Bromochloromethane

Concen: 19.977 ug/l

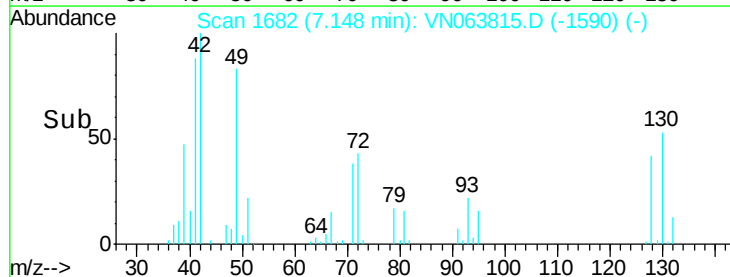
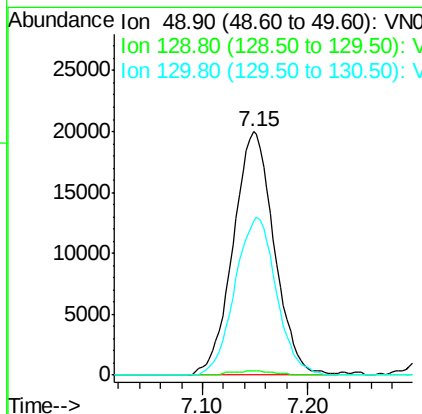
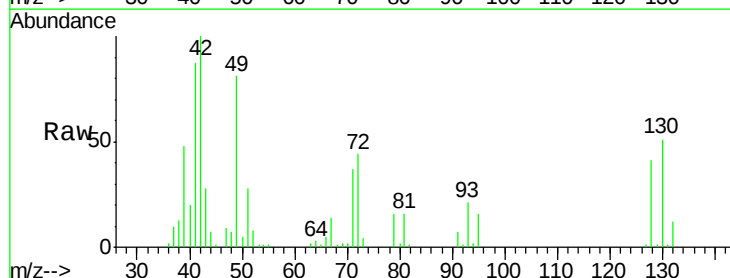
RT: 7.15 min Scan# 1682

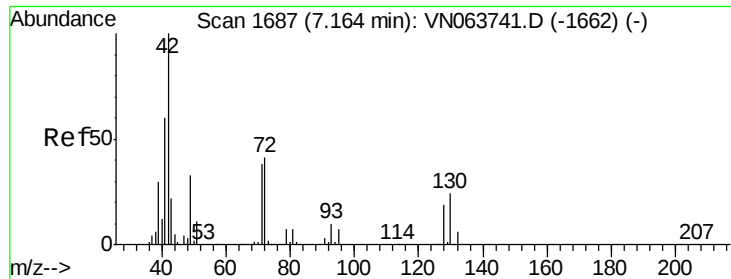
Delta R.T. -0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Tgt Ion:	49	Resp:	54081
Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	4.8
130	65.0	55.6	83.4





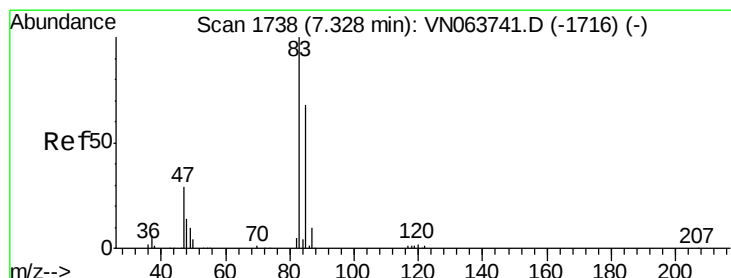
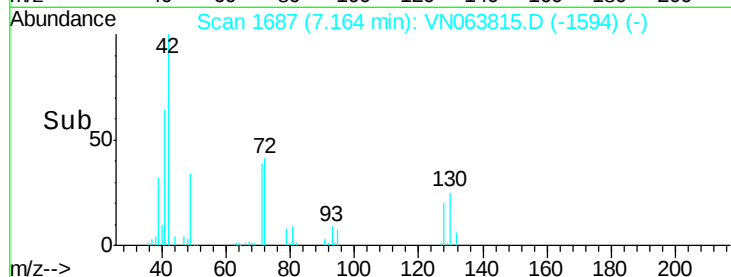
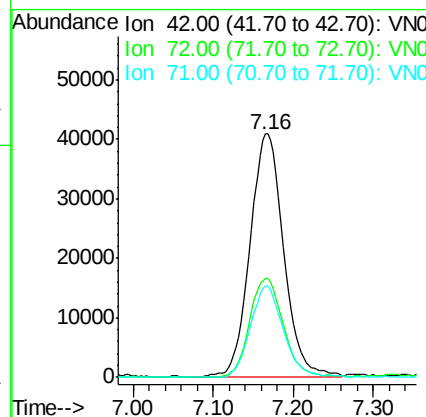
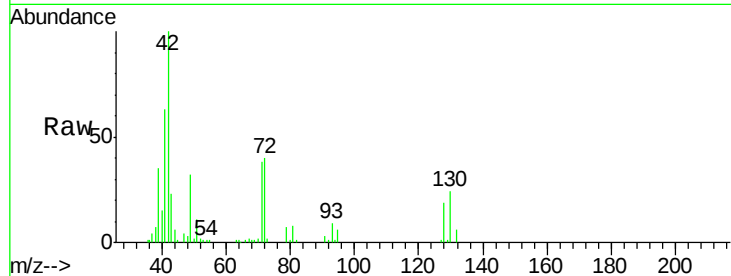
#29
Tetrahydrofuran
Concen: 97.977 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.5	32.8	49.2
71	36.3	30.6	45.8

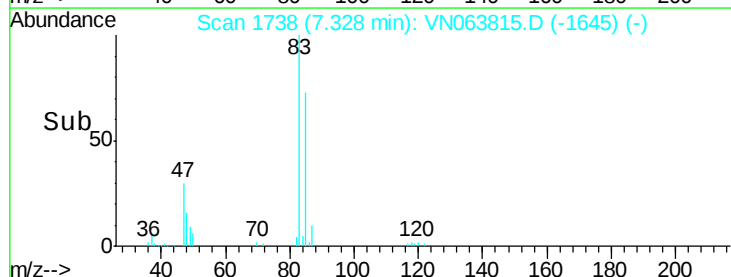
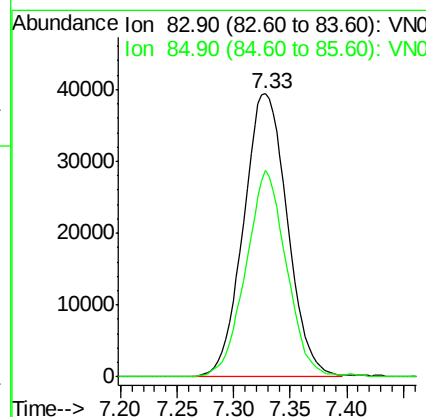
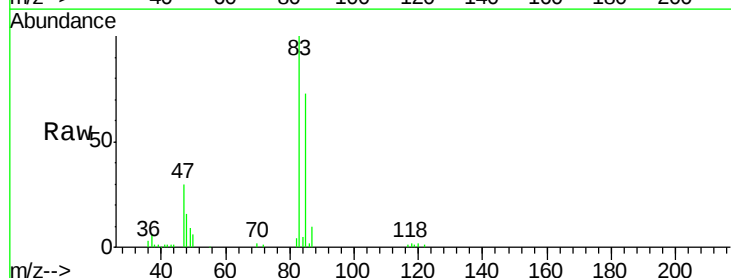
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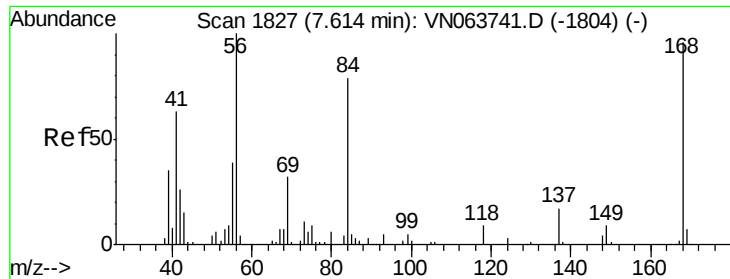
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#30
Chloroform
Concen: 18.605 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	72.8	54.6	82.0





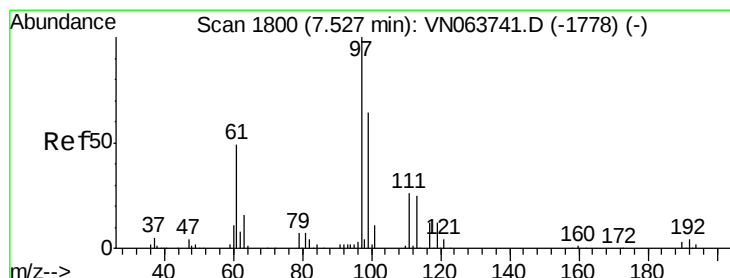
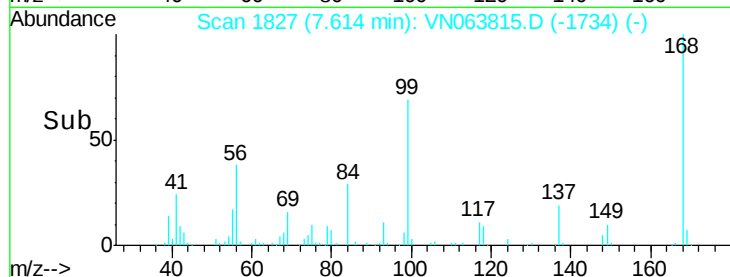
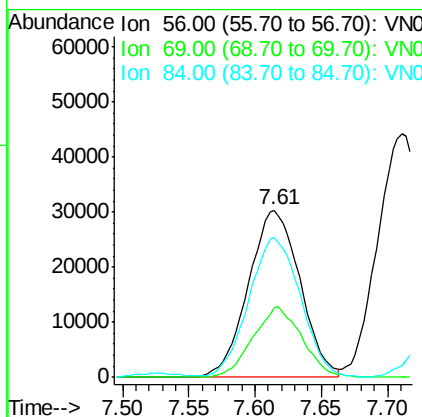
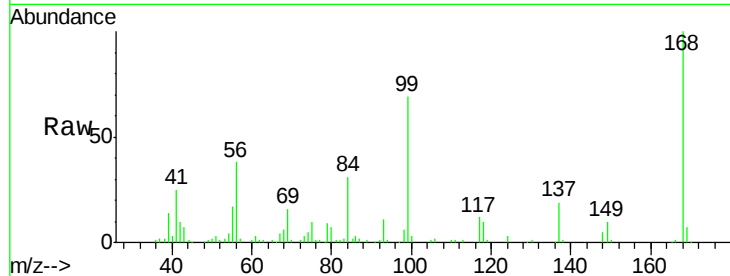
#31
Cyclohexane
Concen: 17.315 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	41.7	25.4	38.2#
84	82.4	63.3	94.9

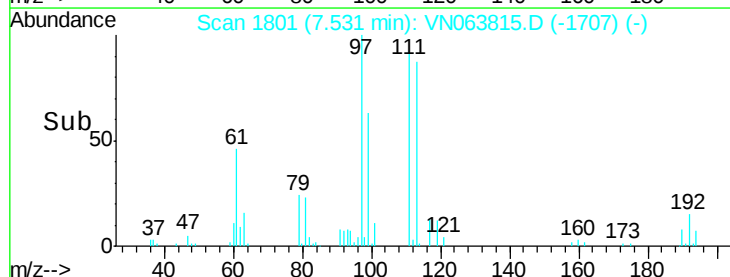
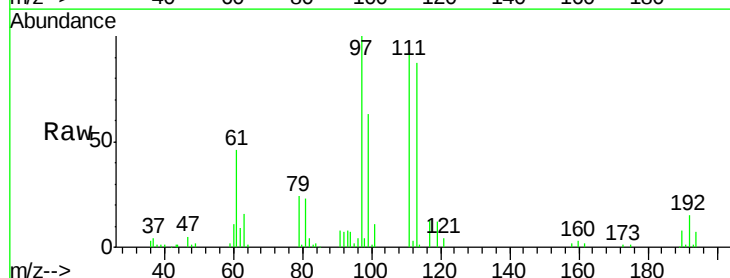
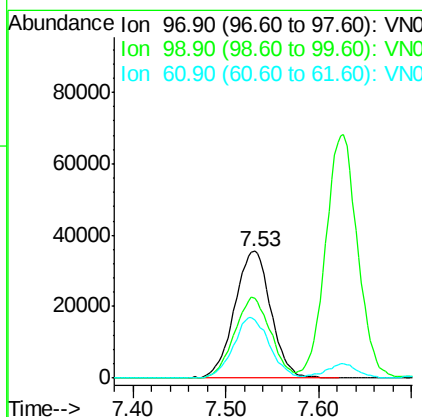
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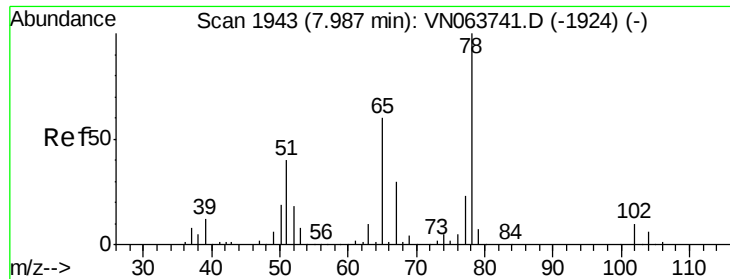
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#32
1,1,1-Trichloroethane
Concen: 18.748 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.0	76.6
61	47.2	38.7	58.1





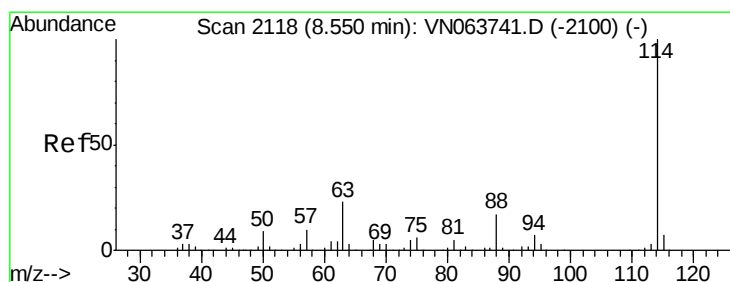
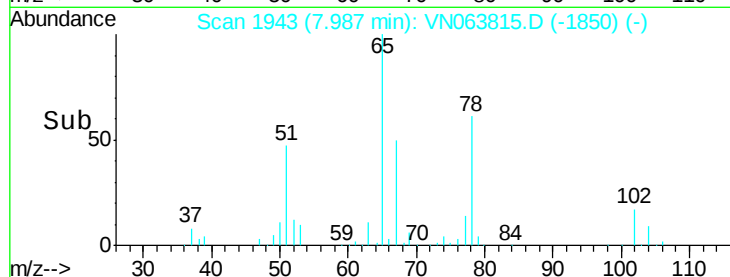
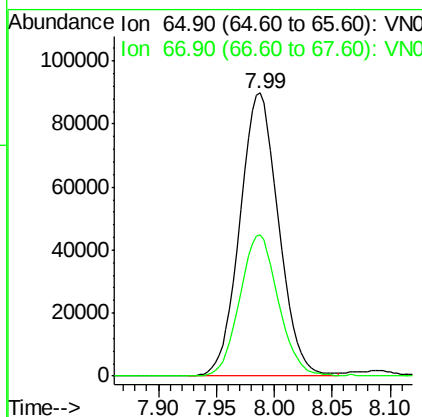
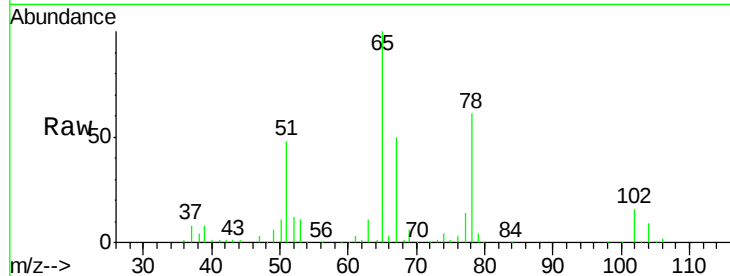
#33
 1,2-Dichloroethane-d4
 Concen: 50.898 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063815.D
 Acq: 2 Oct 2020 12:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBSD01

Tot Ion: 65 Resp: 209273
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 99.6

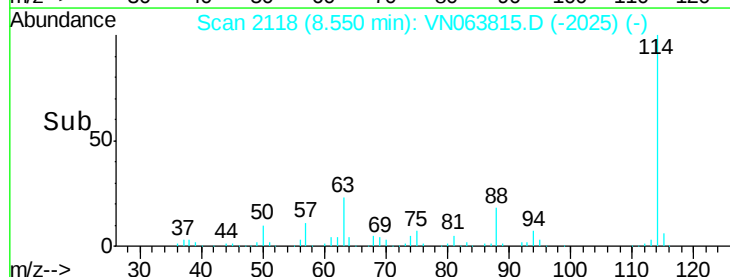
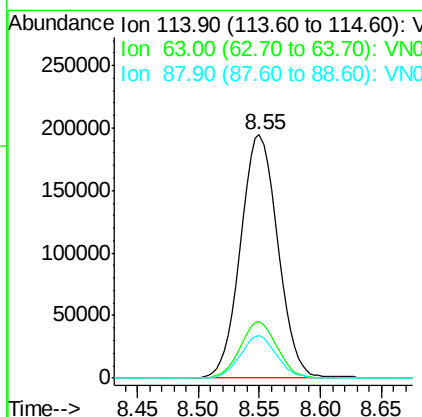
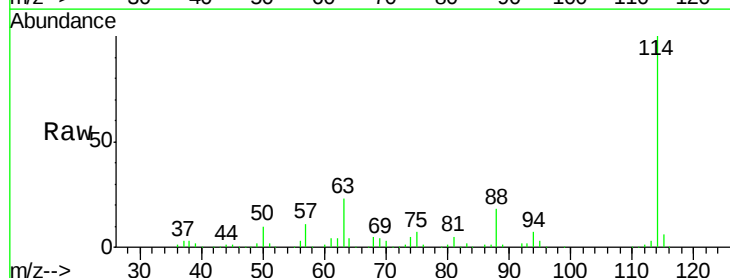
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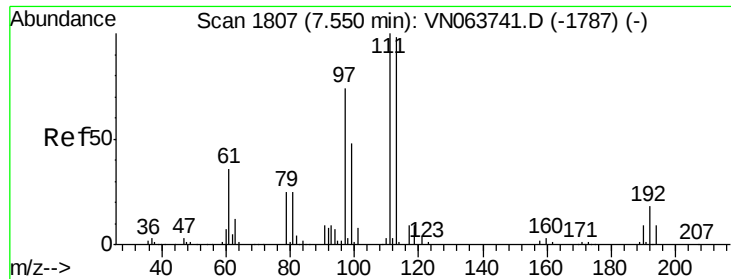
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063815.D
 Acq: 2 Oct 2020 12:45

Tgt Ion: 114 Resp: 410609
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 45.0
 88 17.6 0.0 34.0





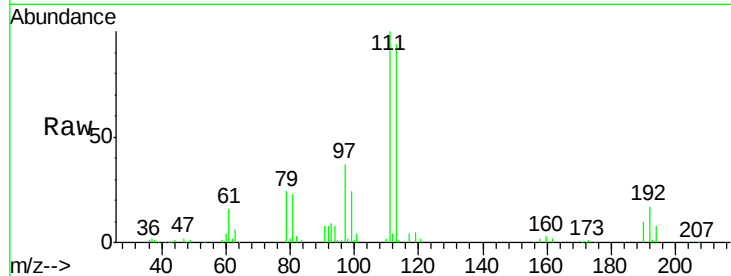
#35
Dibromofluoromethane
Concen: 49.062 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

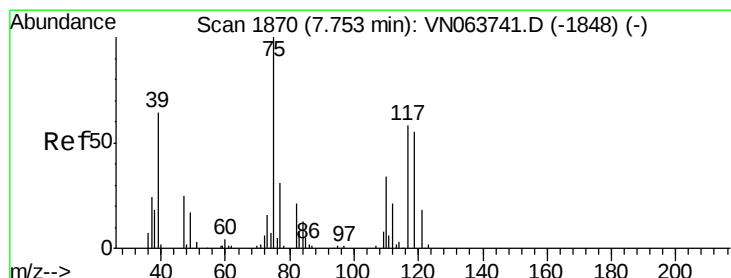
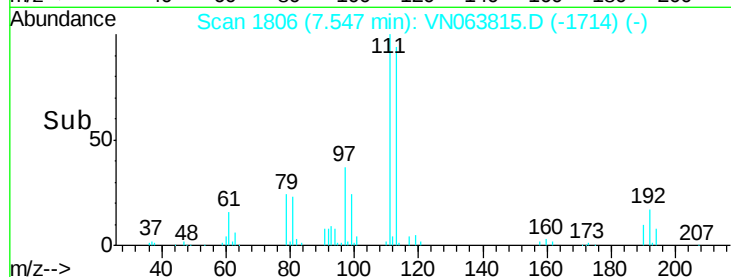
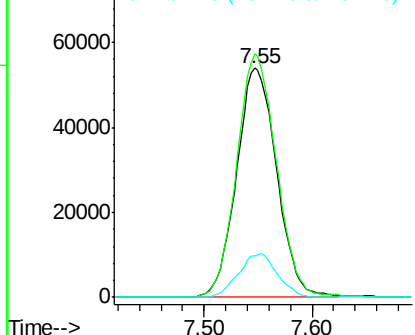
Tot Ion	Ratio	Resp	Lower	Upper
113	100	139784		
111	105.1	81.8	122.8	
192	18.4	14.2	21.2	

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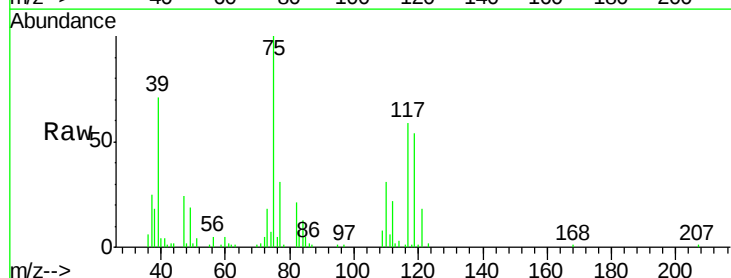


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

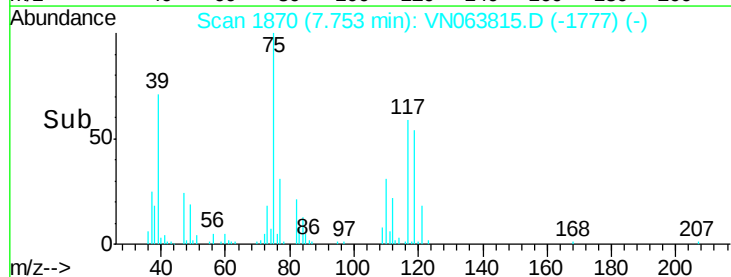
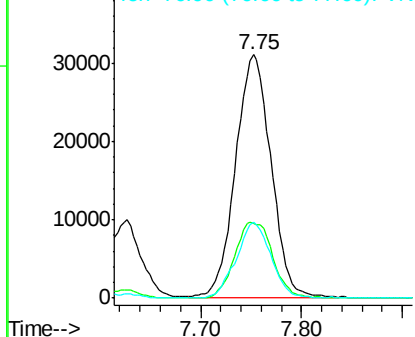


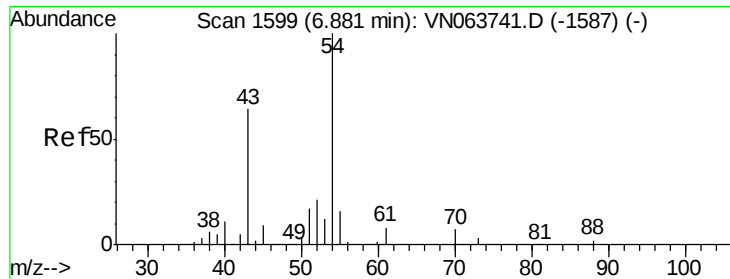
#36
1,1-Dichloropropene
Concen: 18.325 ug/l
RT: 7.75 min Scan# 1870
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	76228		
110	32.9	16.9	50.6	
77	30.1	24.5	36.7	



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 15.753 ug/l

RT: 6.88 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Instrument :

MSVOA_N

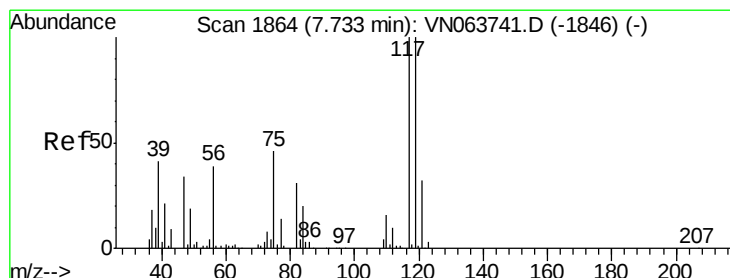
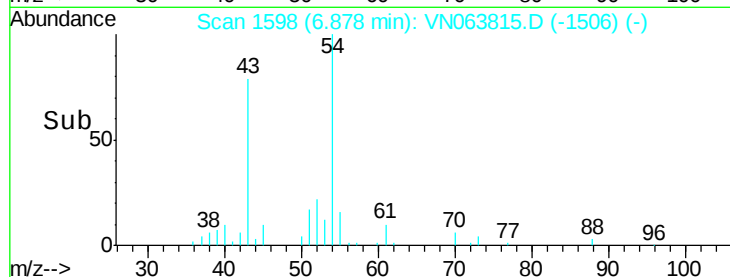
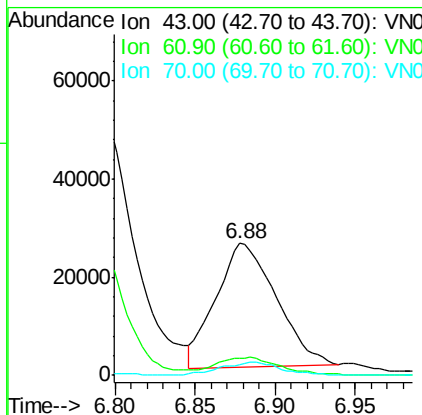
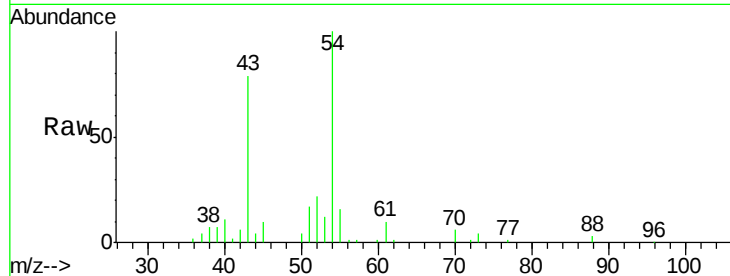
ClientSampleId :

VN1002WBSD01

Tot Ion:	43	Resp:	65106
Ion	Ratio	Lower	Upper
43	100		
61	15.5	10.4	15.6
70	10.4	7.3	10.9

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#38

Carbon Tetrachloride

Concen: 17.819 ug/l

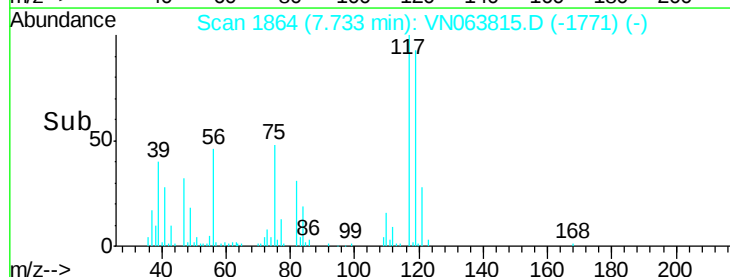
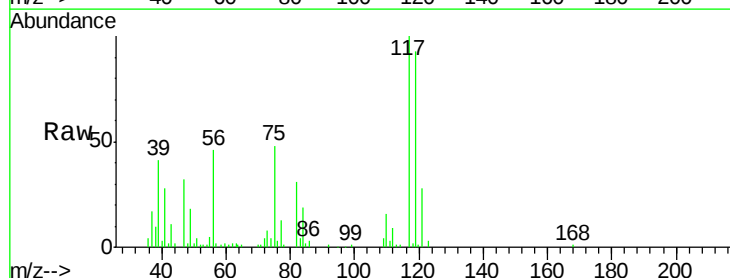
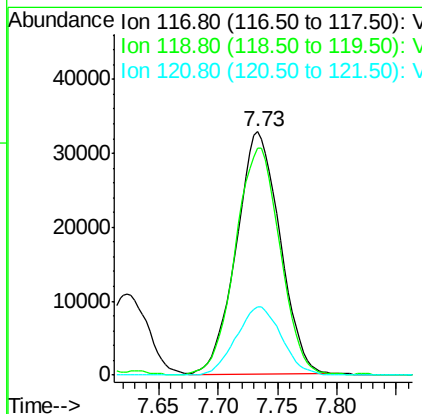
RT: 7.73 min Scan# 1864

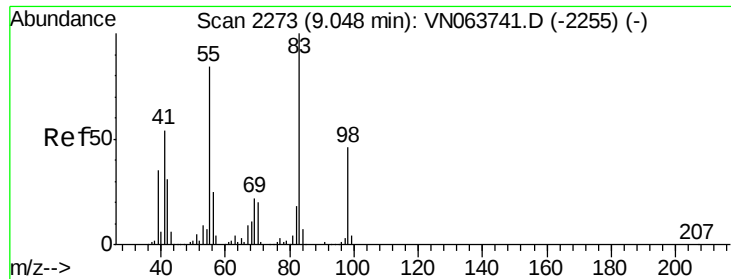
Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Tgt Ion:	117	Resp:	83121
Ion	Ratio	Lower	Upper
117	100		
119	92.9	80.1	120.1
121	28.1	25.7	38.5





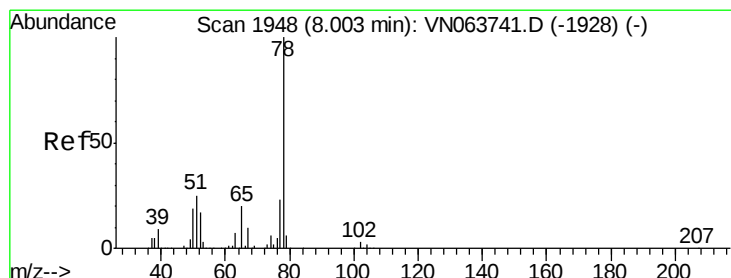
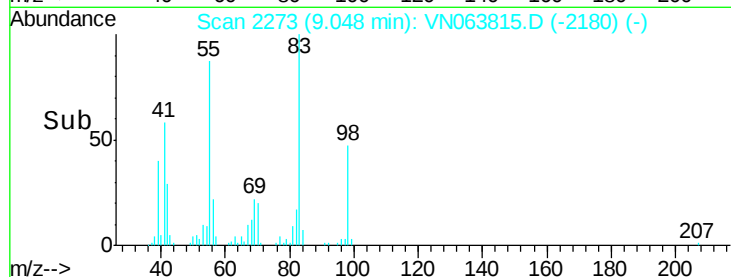
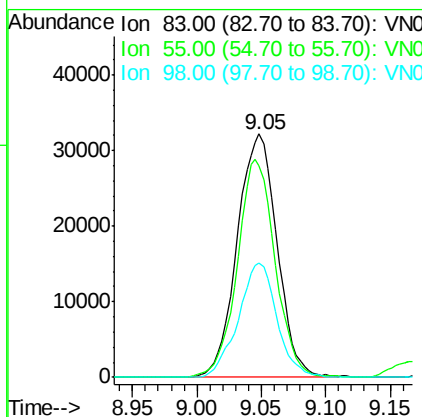
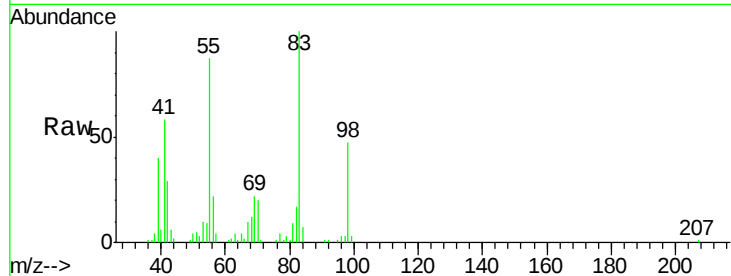
#39
Methvlcvclohexane
Concen: 16.666 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	86.8	67.1	100.7
98	47.2	36.6	54.8

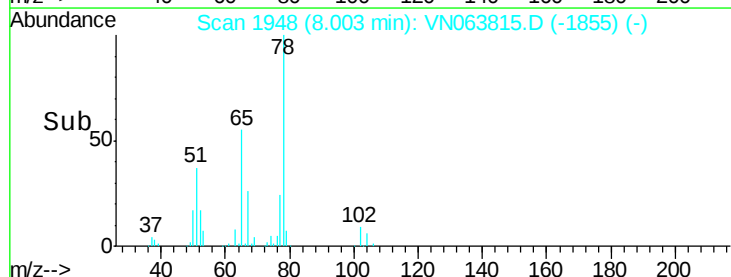
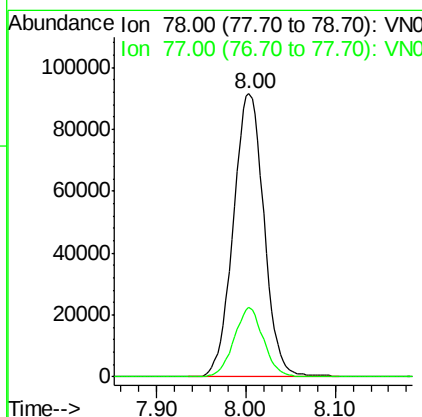
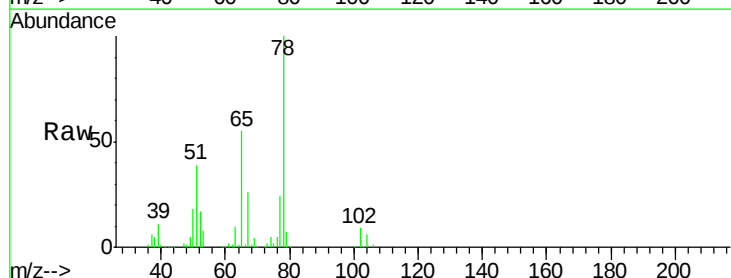
Manual Integrations
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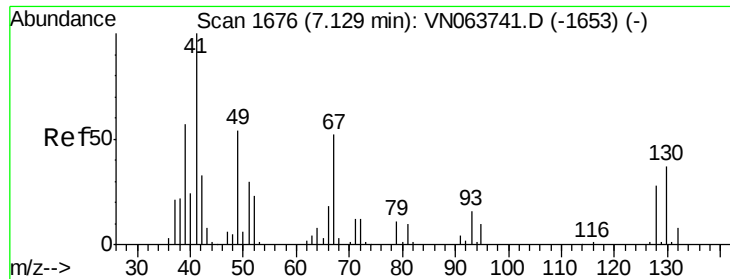
MMDadoda
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#40
Benzene
Concen: 18.418 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.7	28.1





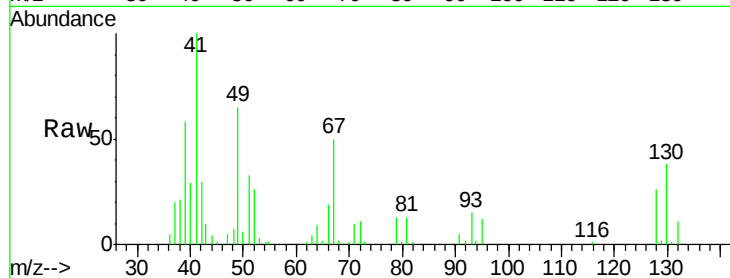
#41
Methacrylonitrile
Concen: 20.023 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

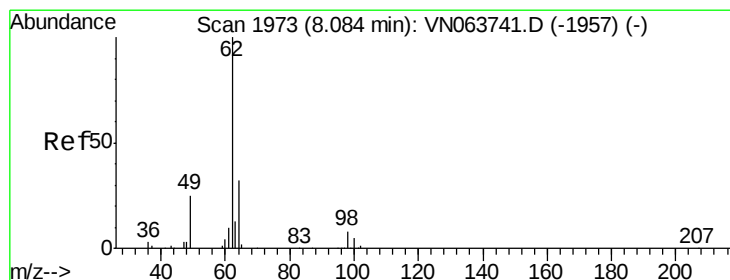
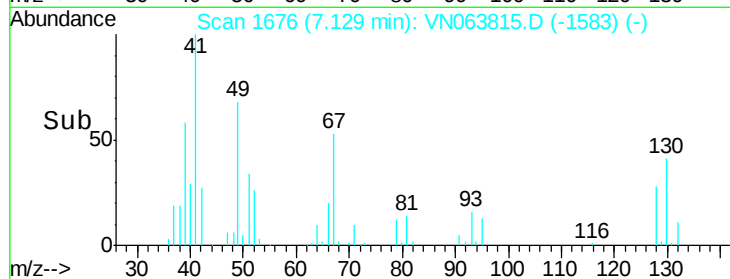
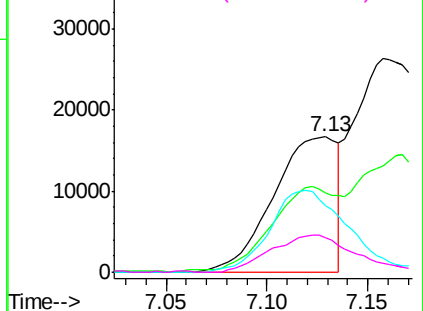
Tot Ion	41	Resp	36778
Ion Ratio	Lower	Upper	
41	100		
39	64.8	42.5	63.7#
67	76.2	57.4	86.2
52	36.5	26.9	40.3

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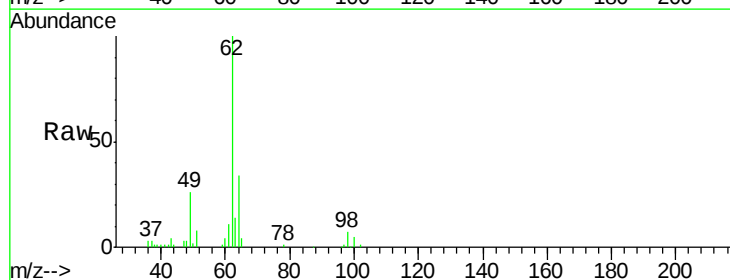


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

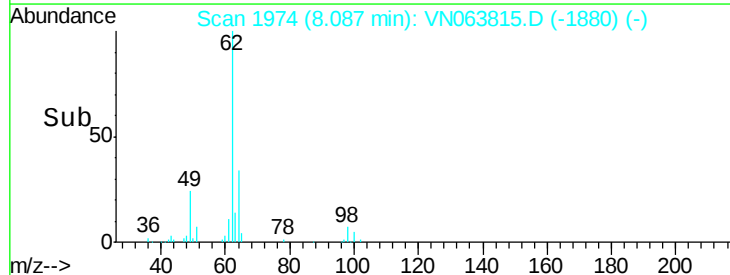
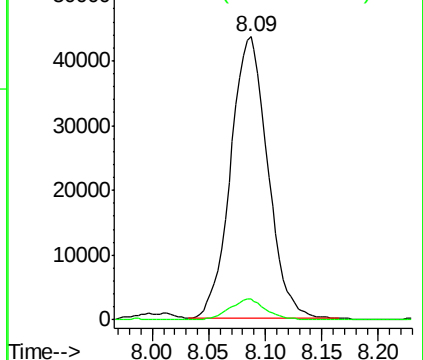


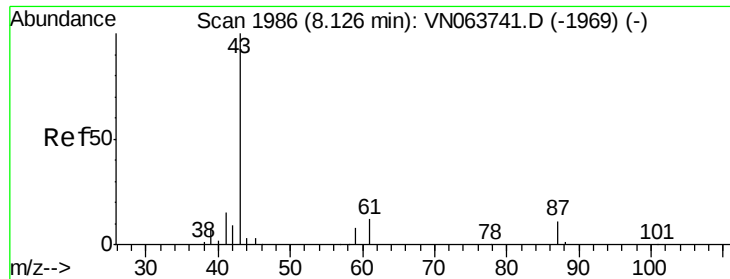
#42
1,2-Dichloroethane
Concen: 19.614 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Tgt Ion	62	Resp	99481
Ion Ratio	Lower	Upper	
62	100		
98	7.1	0.0	15.0



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 19.301 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Instrument :

MSVOA_N

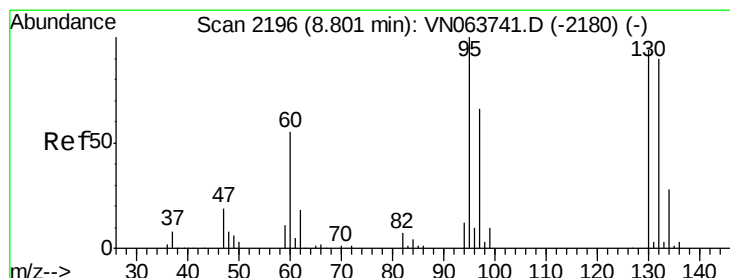
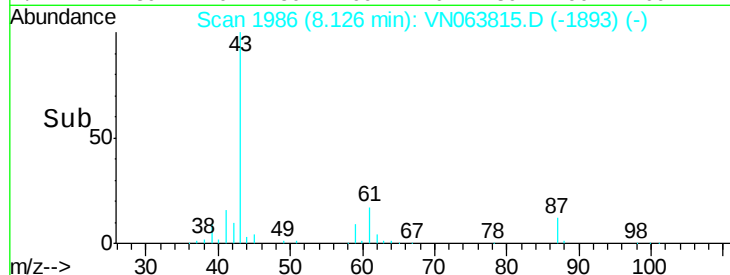
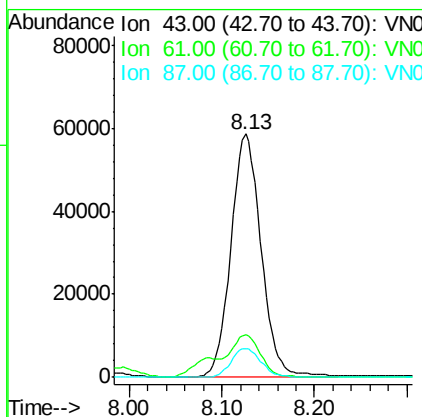
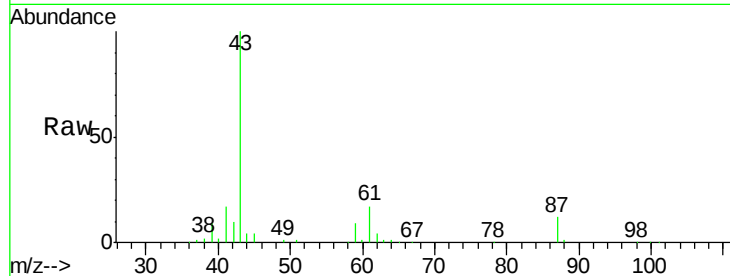
ClientSampleId :

VN1002WBSD01

Tot Ion:	43	Resp:	131573
Ion	Ratio	Lower	Upper
43	100		
61	17.3	14.2	21.4
87	11.8	9.0	13.6

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#44

Trichloroethene

Concen: 17.891 ug/l

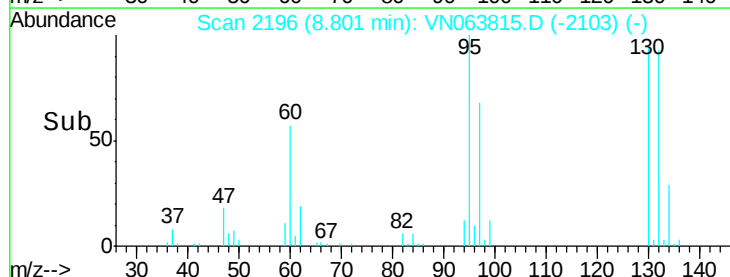
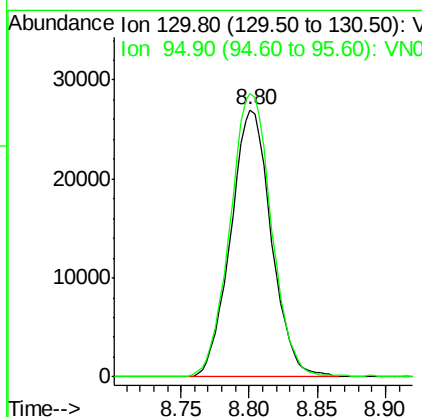
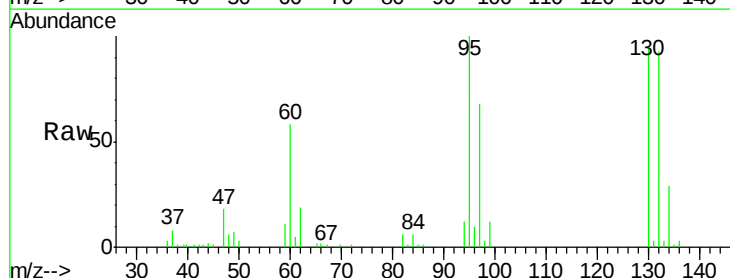
RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Tgt Ion:	130	Resp:	55696
Ion	Ratio	Lower	Upper
130	100		
95	105.9	0.0	213.6





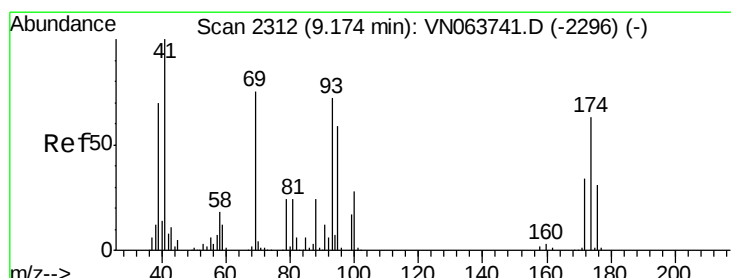
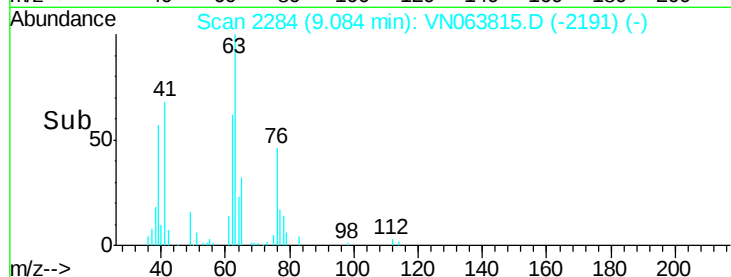
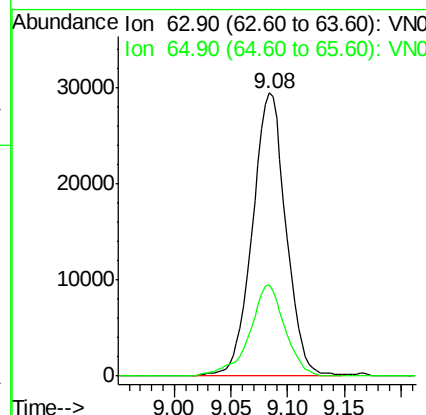
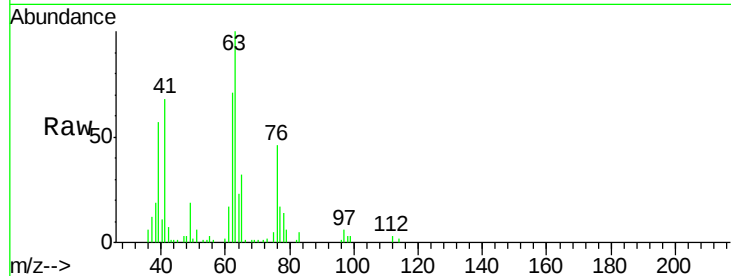
#45
 1,2-Dichloropropane
 Concen: 18.985 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN063815.D
 Acq: 2 Oct 2020 12:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBSD01

Tot Ion: 63 Resp: 60920
 Ion Ratio Lower Upper
 63 100
 65 32.5 24.7 37.1

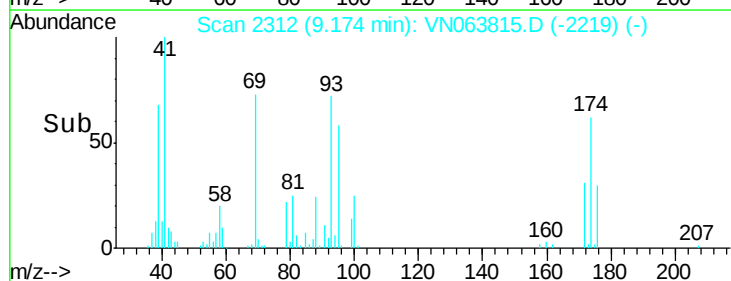
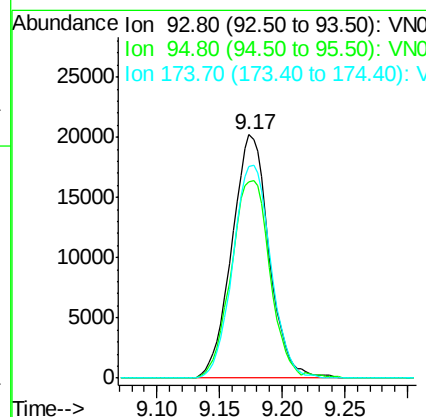
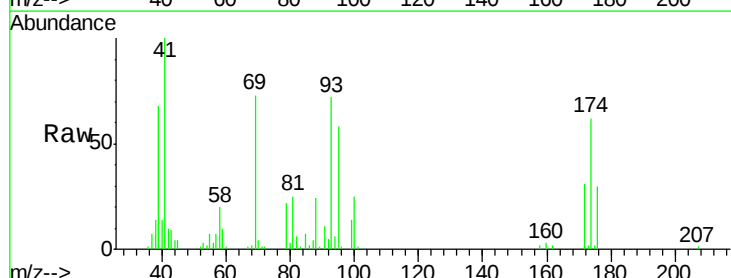
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#46
 Dibromomethane
 Concen: 18.842 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN063815.D
 Acq: 2 Oct 2020 12:45

Tgt Ion: 93 Resp: 41710
 Ion Ratio Lower Upper
 93 100
 95 85.2 66.3 99.5
 174 88.9 72.7 109.1





#47

Bromodichloromethane

Concen: 19.135 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Instrument :

MSVOA_N

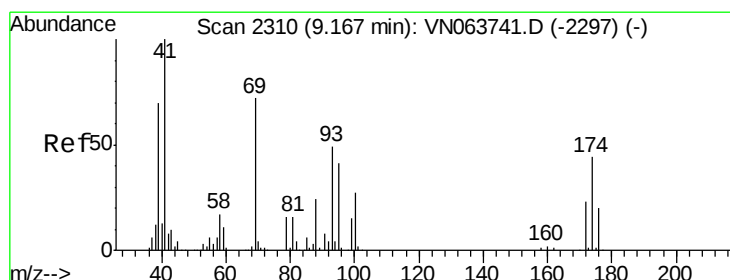
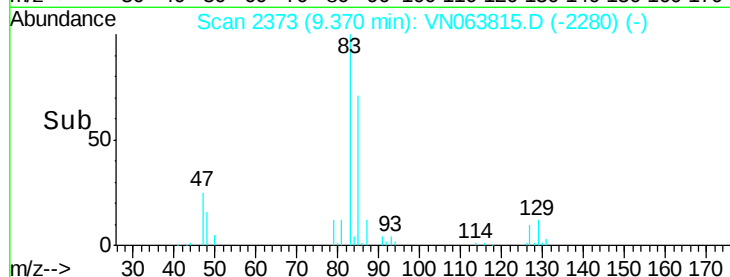
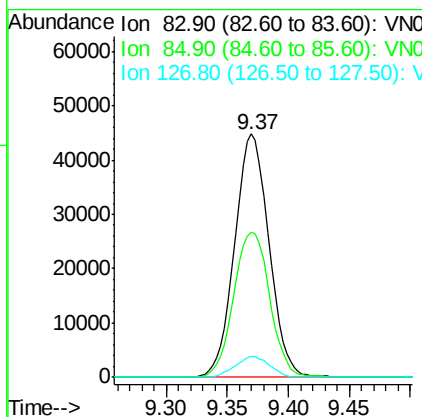
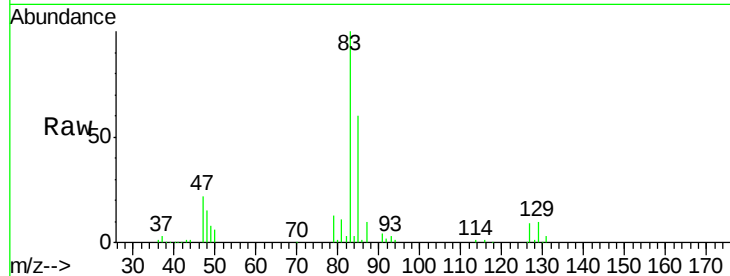
ClientSampleId :

VN1002WBSD01

Tot Ion:	83	Resp:	87298
Ion Ratio	Lower	Upper	
83	100		
85	59.8	50.6	75.8
127	8.6	6.6	9.8

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#48

Methyl methacrylate

Concen: 19.584 ug/l

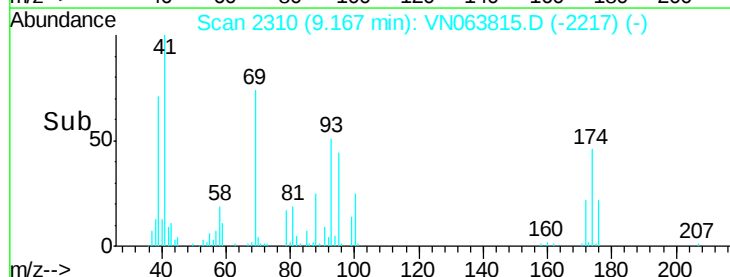
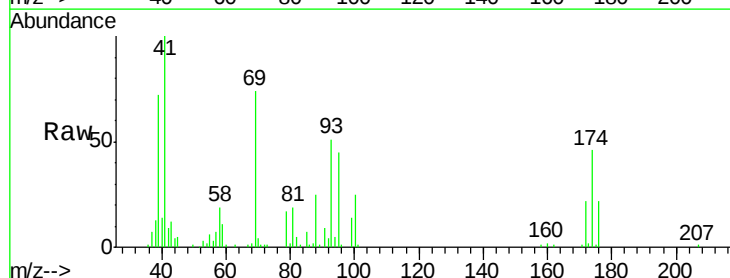
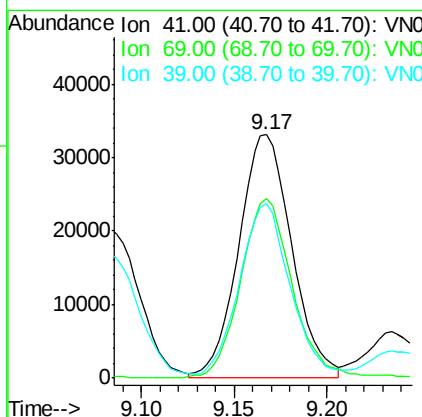
RT: 9.17 min Scan# 2310

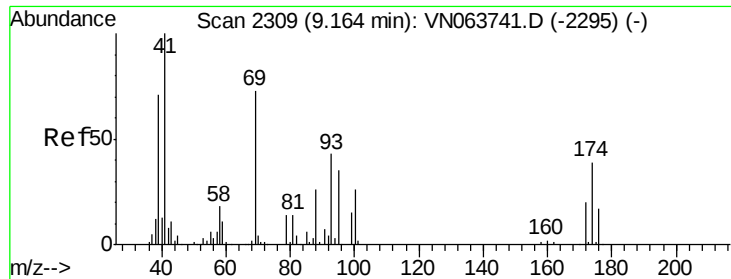
Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Tgt Ion:	41	Resp:	65961
Ion Ratio	Lower	Upper	
41	100		
69	71.6	60.9	91.3
39	66.1	57.5	86.3





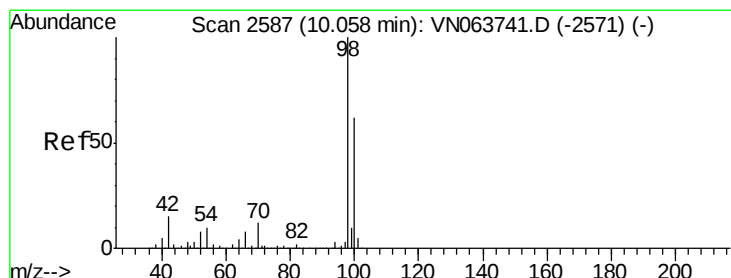
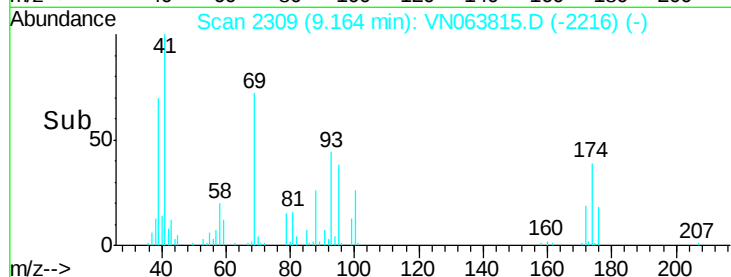
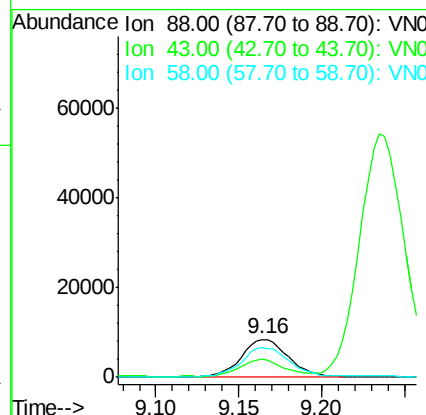
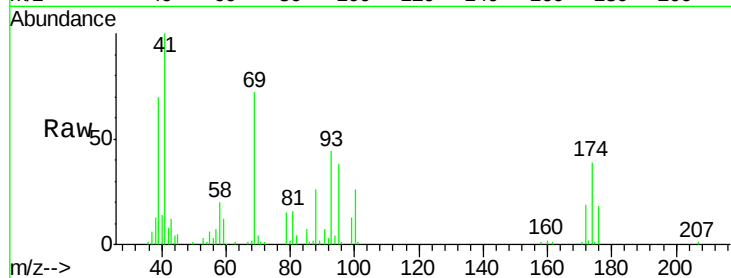
#49
1,4-Dioxane
Concen: 352.935 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Instrument :
MSVOA_N
ClientSampled :
VN1002WBSD01

Tot Ion	88	Resp	16894
Ion Ratio	100	Lower	Upper
88	100		
43	42.5	33.1	49.7
58	80.4	58.9	88.3

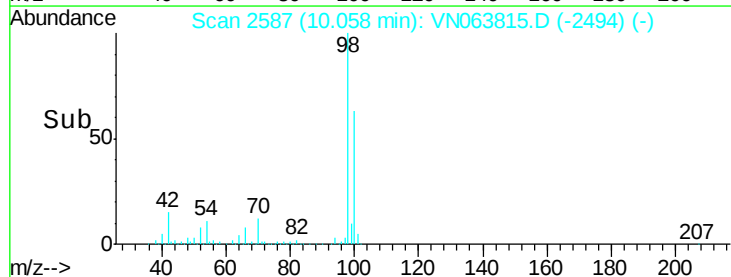
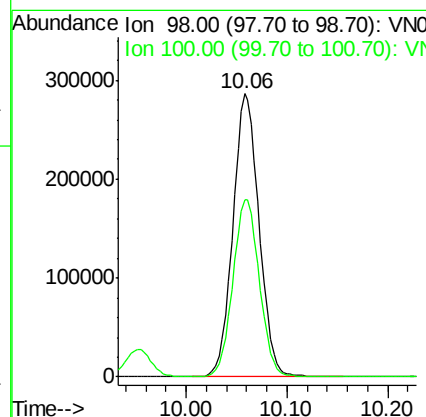
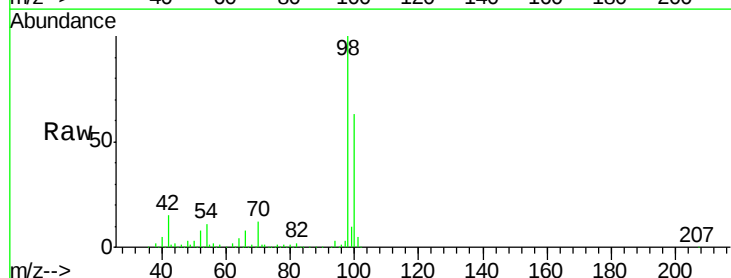
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#50
Toluene-d8
Concen: 47.869 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Tgt Ion	98	Resp	517018
Ion Ratio	100	Lower	Upper
98	100		
100	63.5	49.8	74.6





#51

4-Methyl-2-Pentanone

Concen: 100.182 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBSD01

Tot Ion: 43 Resp: 400782

Ion Ratio Lower Upper

43 100

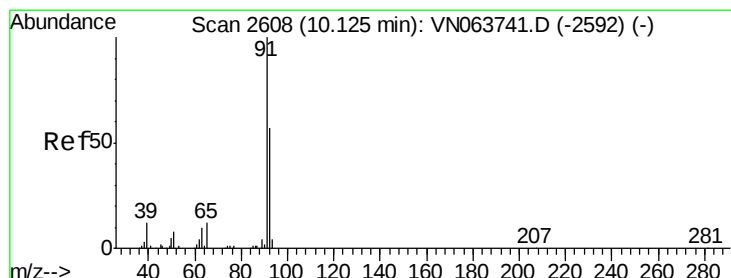
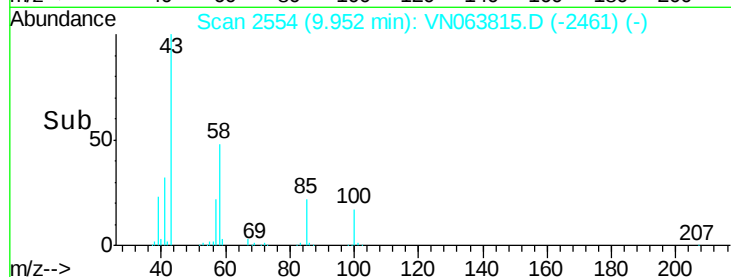
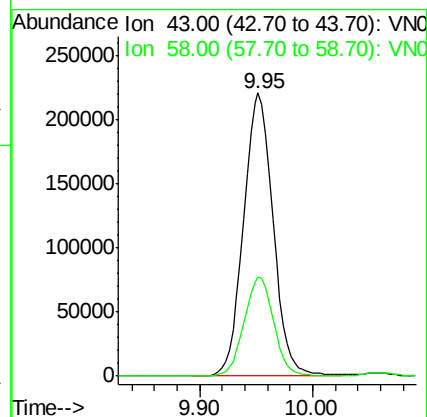
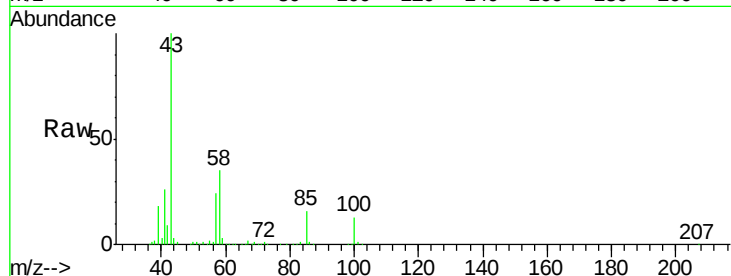
58 35.0 28.4 42.6

Manual Integrations

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#52

Toluene

Concen: 18.629 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063815.D

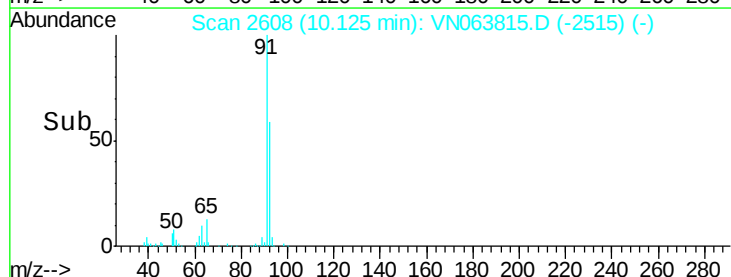
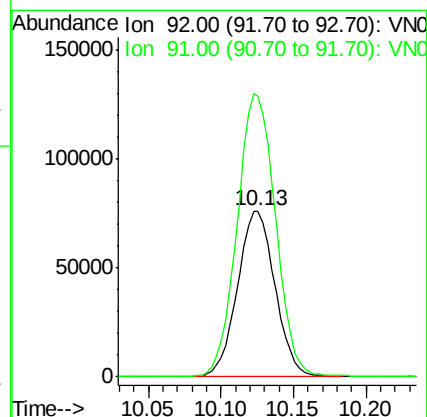
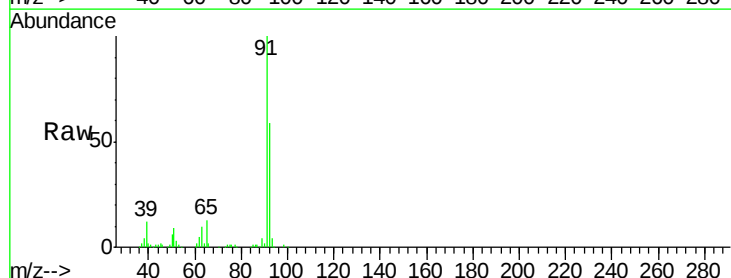
Acq: 2 Oct 2020 12:45

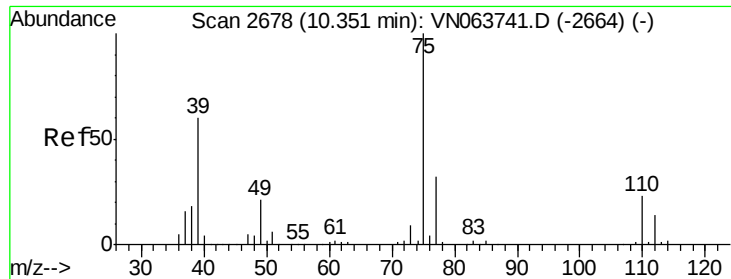
Tgt Ion: 92 Resp: 136908

Ion Ratio Lower Upper

92 100

91 175.3 140.6 210.8





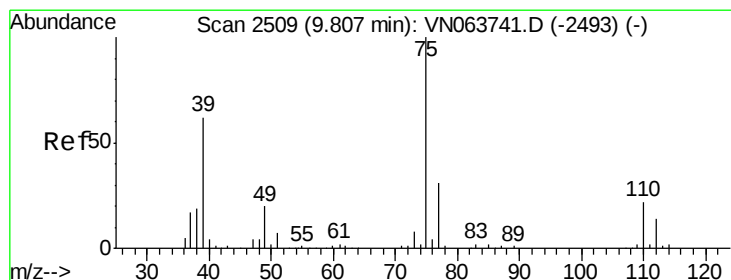
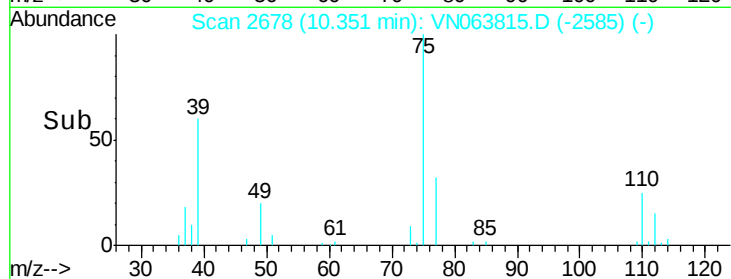
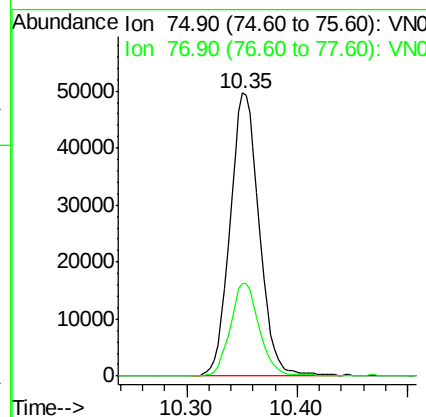
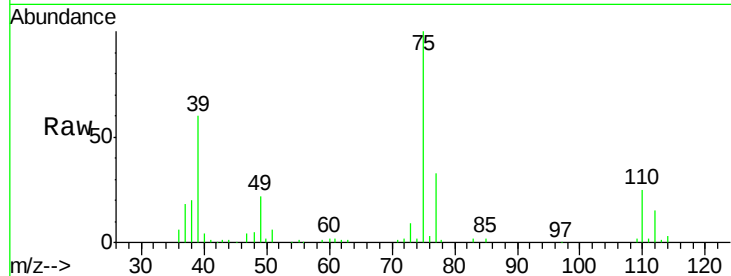
#53
 t-1,3-Dichloropropene
 Concen: 18.634 ug/l
 RT: 10.35 min Scan# 2678
 Delta R.T. 0.00 min
 Lab File: VN063815.D
 Acq: 2 Oct 2020 12:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBSD01

Tot Ion: 75 Resp: 91125
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.3 37.9

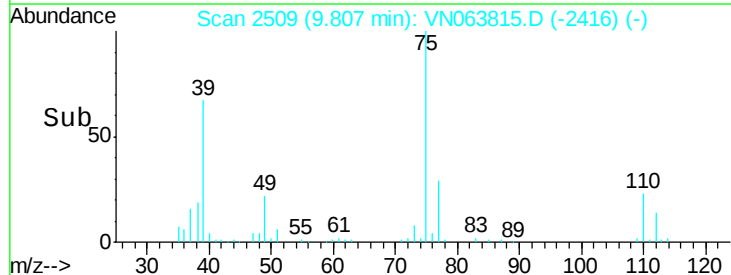
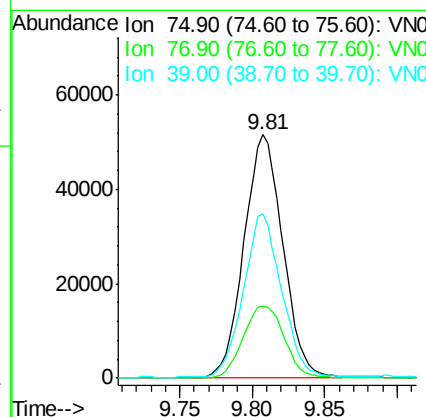
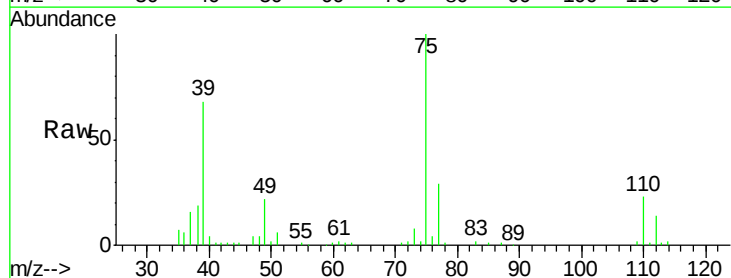
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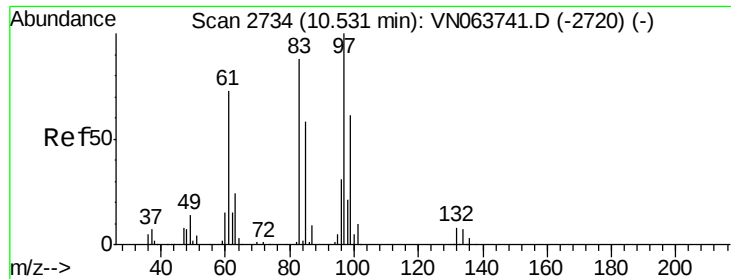
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#54
 cis-1,3-Dichloropropene
 Concen: 18.833 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN063815.D
 Acq: 2 Oct 2020 12:45

Tgt Ion: 75 Resp: 96321
 Ion Ratio Lower Upper
 75 100
 77 29.4 24.6 36.8
 39 67.2 49.7 74.5





#55

1,1,2-Trichloroethane

Concen: 19.148 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Instrument :

MSVOA_N

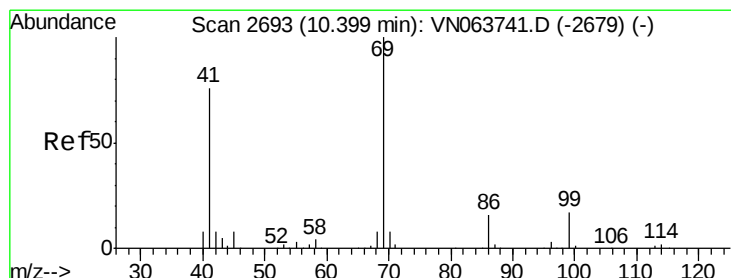
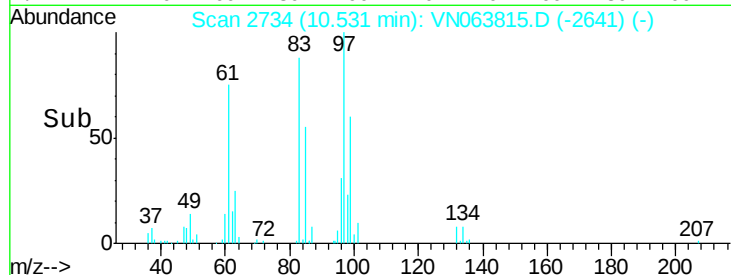
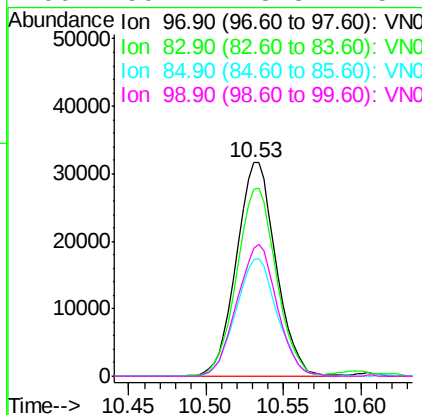
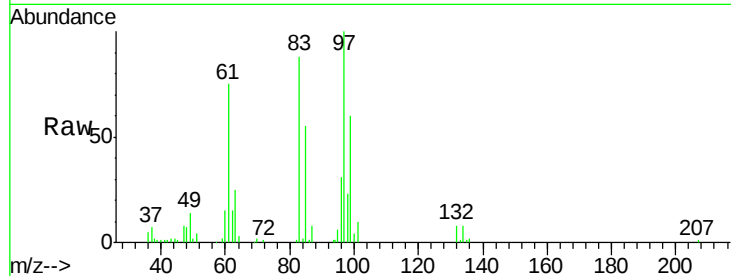
ClientSampleId :

VN1002WBSD01

Tot Ion:	97	Resp:	56433
Ion	Ratio	Lower	Upper
97	100		
83	87.2	70.7	106.1
85	54.7	46.1	69.1
99	59.7	48.8	73.2

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#56

Ethyl methacrylate

Concen: 19.332 ug/l

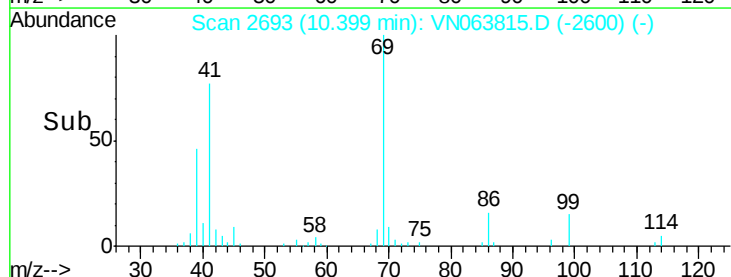
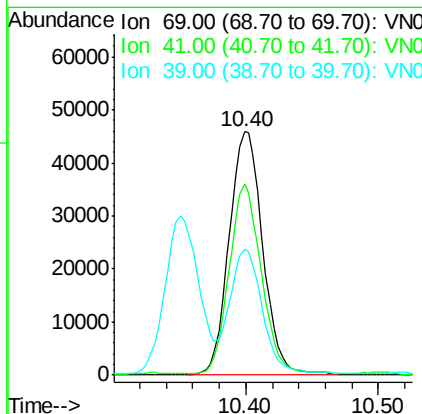
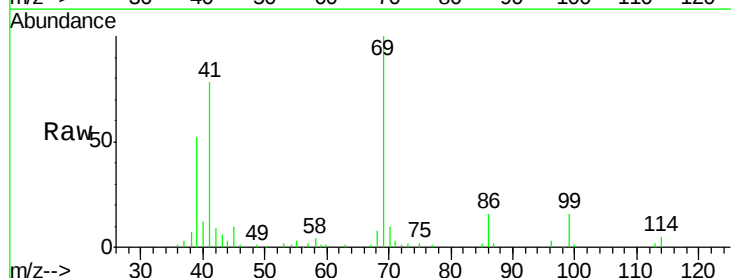
RT: 10.40 min Scan# 2693

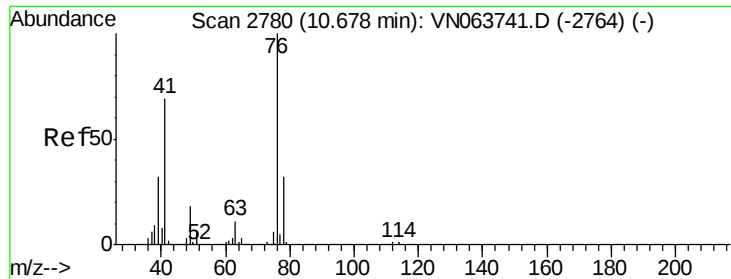
Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Tgt Ion:	69	Resp:	80763
Ion	Ratio	Lower	Upper
69	100		
41	73.7	61.1	91.7
39	51.2	42.2	63.4





#57

1,3-Dichloropropane

Concen: 19.245 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBSD01

Tot Ion: 76 Resp: 95960

Ion Ratio Lower Upper

76 100

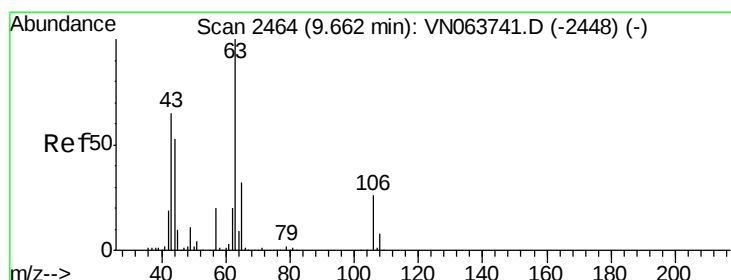
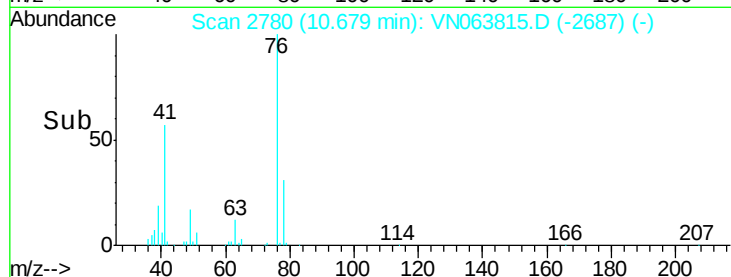
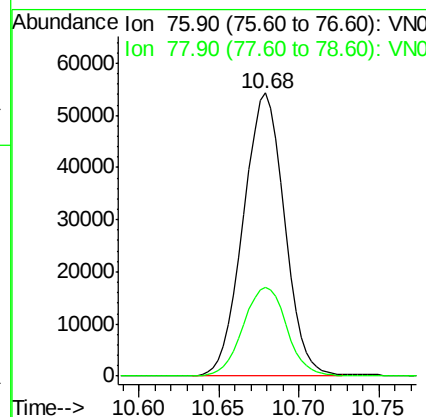
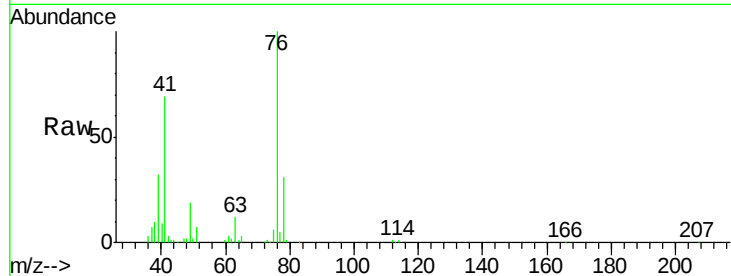
78 33.1 25.2 37.8

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#58

2-Chloroethyl Vinyl ether

Concen: 96.693 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN063815.D

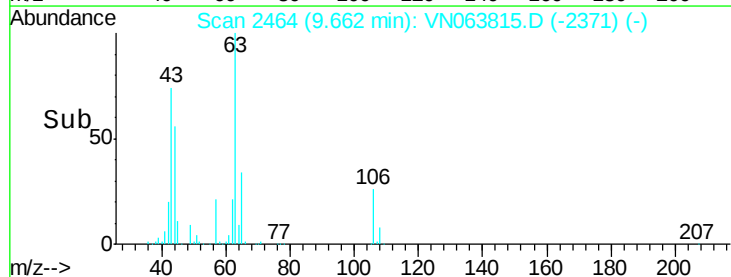
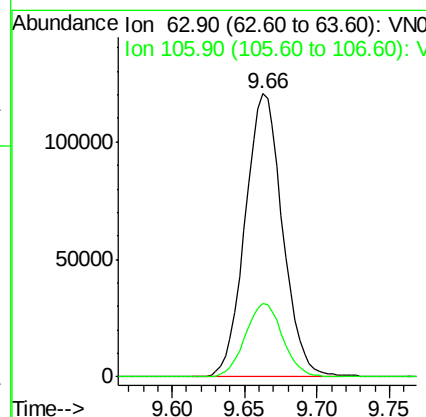
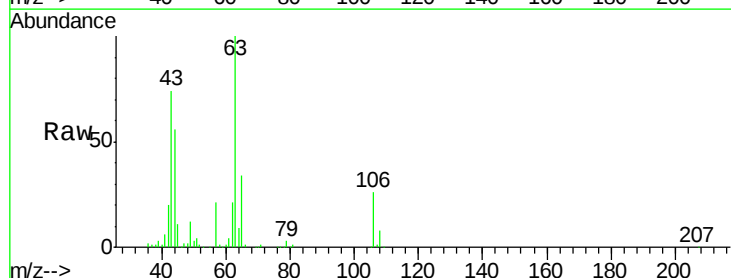
Acq: 2 Oct 2020 12:45

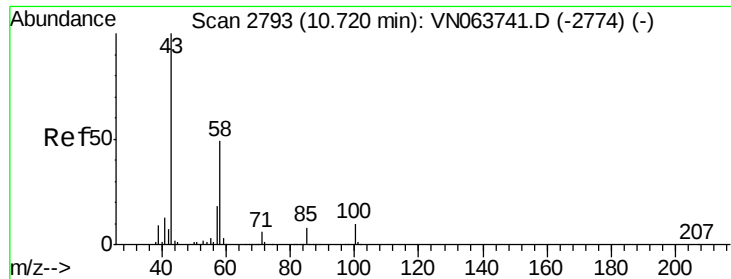
Tgt Ion: 63 Resp: 216078

Ion Ratio Lower Upper

63 100

106 26.0 20.7 31.1





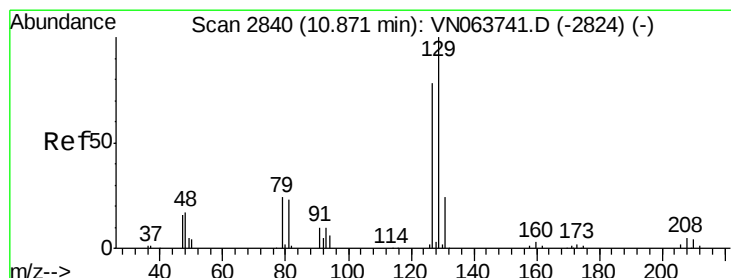
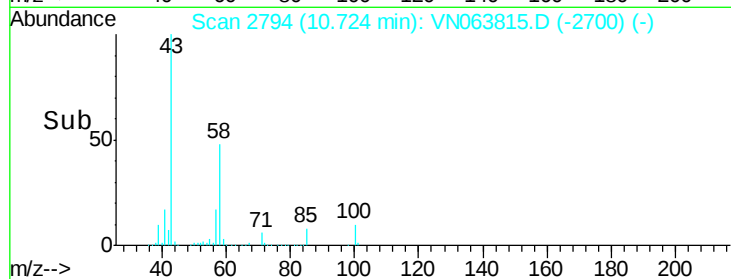
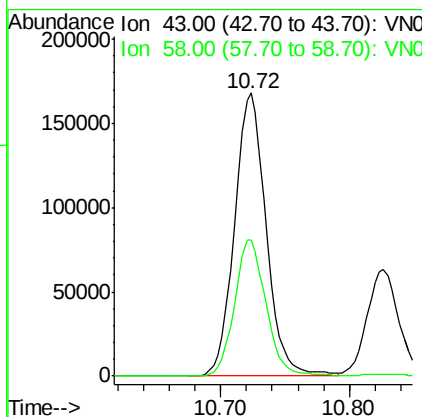
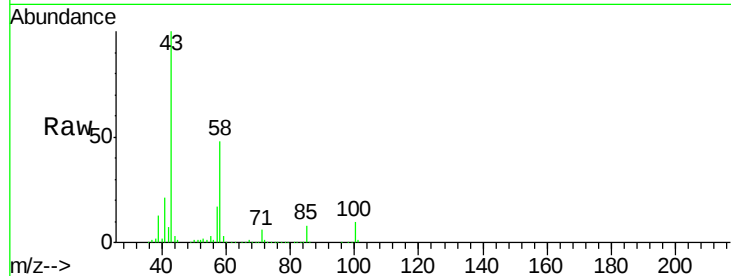
#59
2-Hexanone
Concen: 95.860 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

Tot Ion: 43 Resp: 284882
Ion Ratio Lower Upper
43 100
58 48.1 24.6 73.8

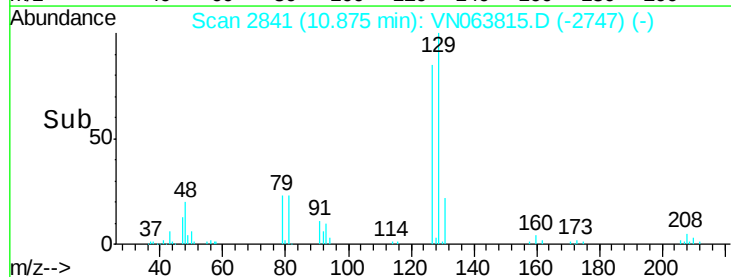
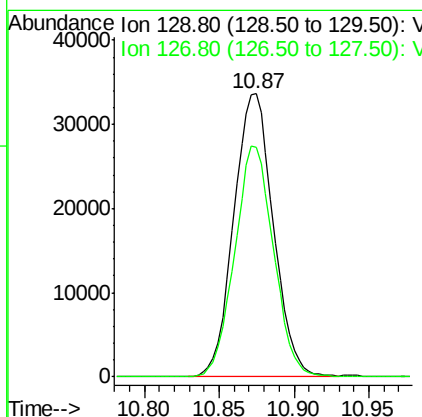
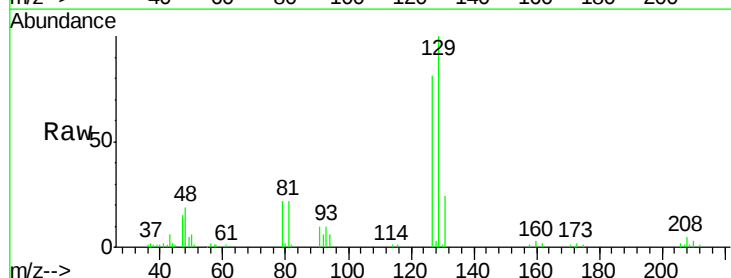
Manual Integrations
APPROVED

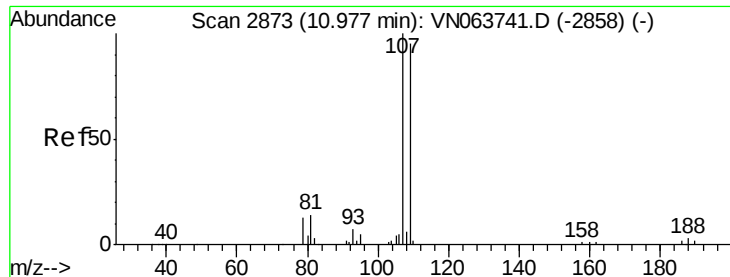
MMDadoda
10/5/2020 5:35:21 PM



#60
Dibromochloromethane
Concen: 18.035 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Tgt Ion: 129 Resp: 61904
Ion Ratio Lower Upper
129 100
127 80.0 38.9 116.7





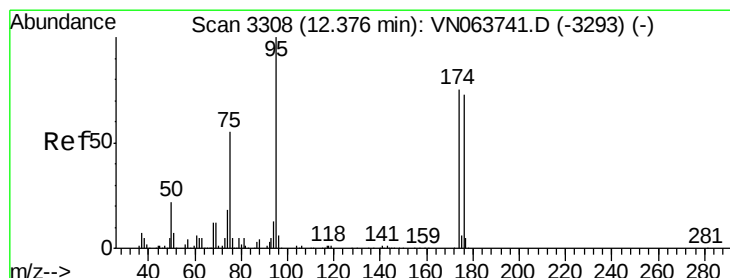
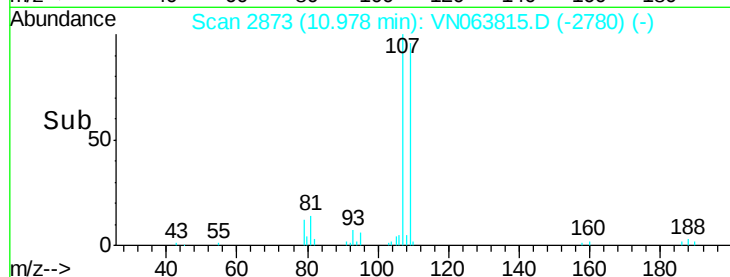
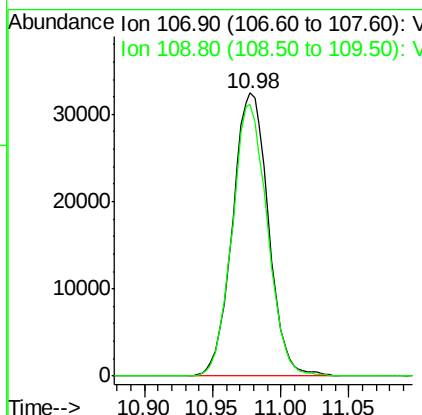
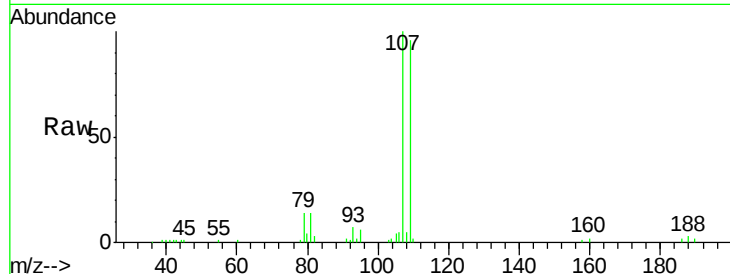
#61
 1,2-Dibromoethane
 Concen: 19.625 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063815.D
 Acq: 2 Oct 2020 12:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	74.8	112.2

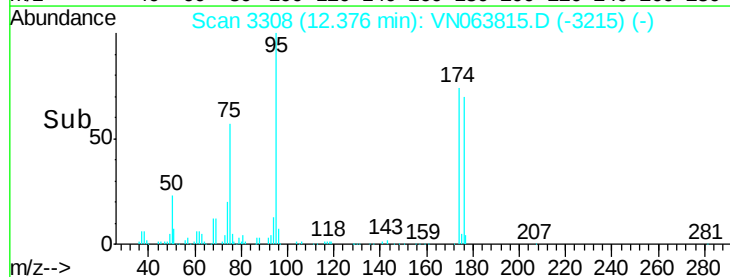
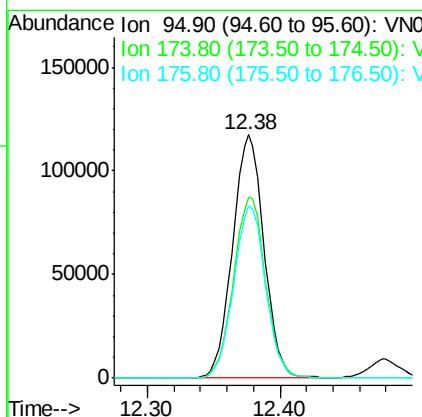
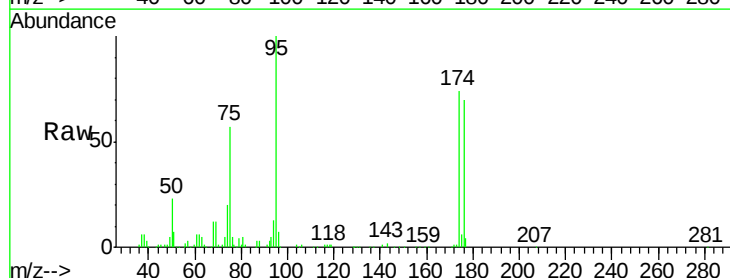
Manual Integrations
 APPROVED

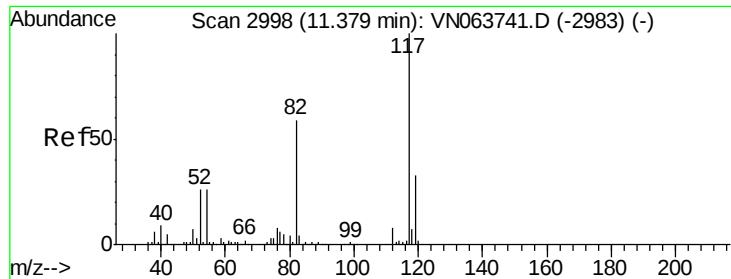
MMDadoda
 10/5/2020 5:35:21 PM



#62
 4-Bromofluorobenzene
 Concen: 47.601 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN063815.D
 Acq: 2 Oct 2020 12:45

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.0	0.0	150.6
176	71.6	0.0	145.4





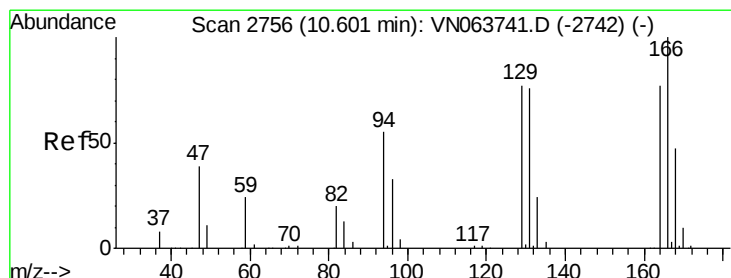
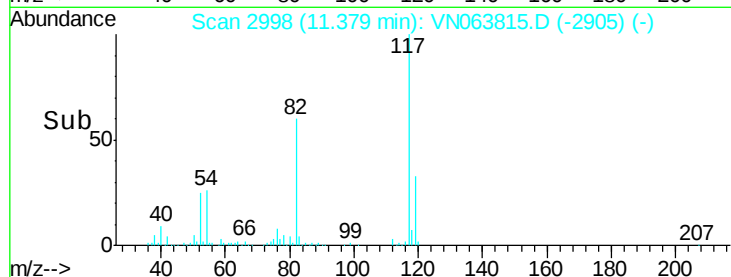
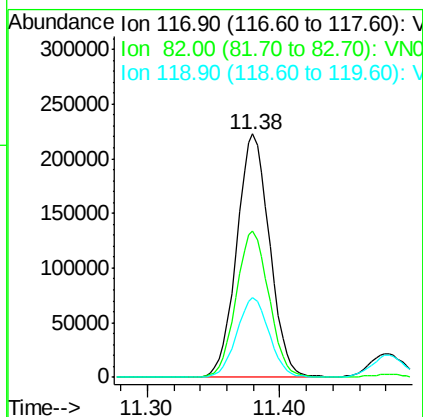
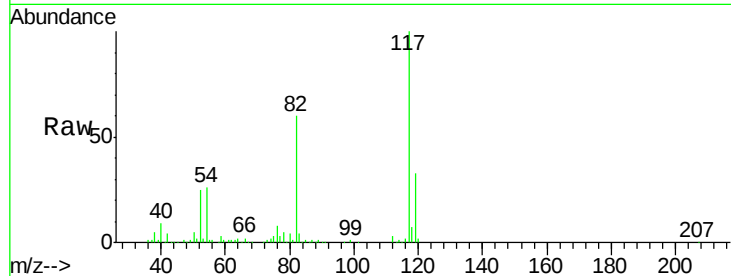
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.0	47.4	71.2
119	32.7	26.4	39.6

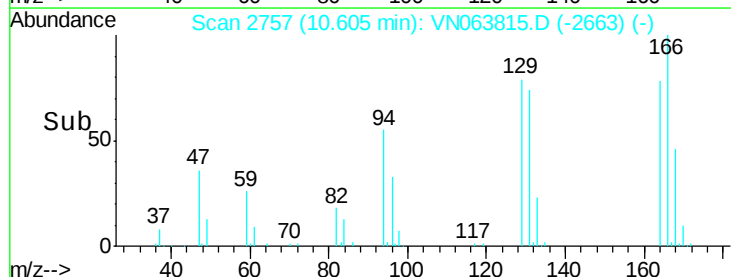
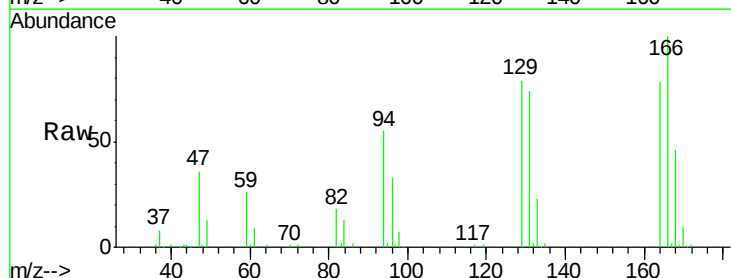
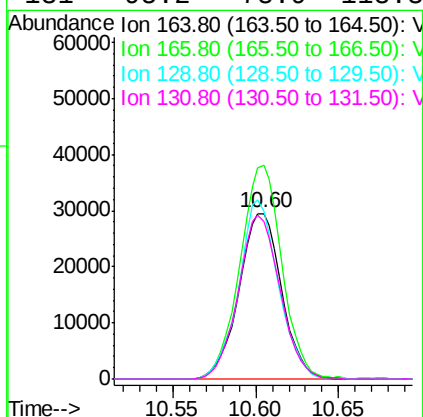
Manual Integrations
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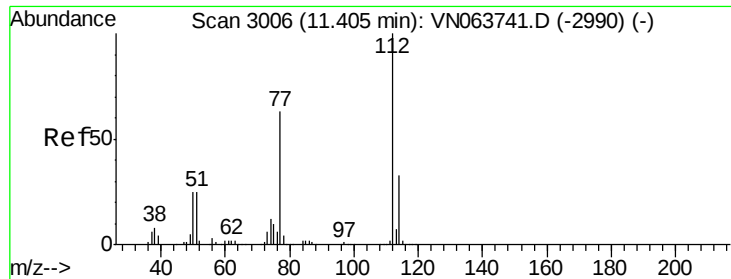
MMDadoda
10/5/2020 5:35:21 PM



#64
Tetrachloroethene
Concen: 17.743 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.9	103.9	155.9
129	101.5	80.3	120.5
131	95.2	78.9	118.3





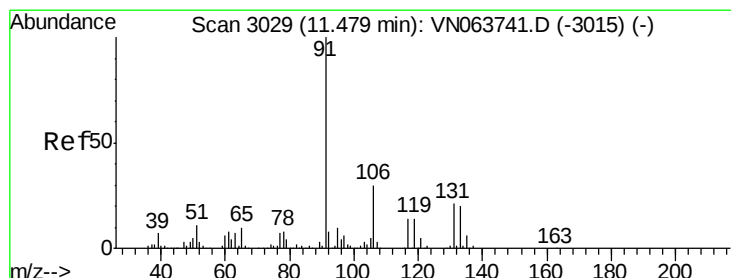
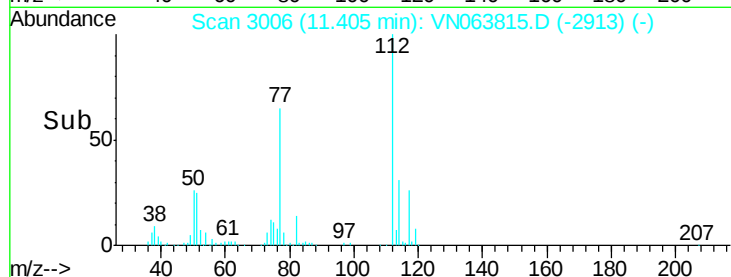
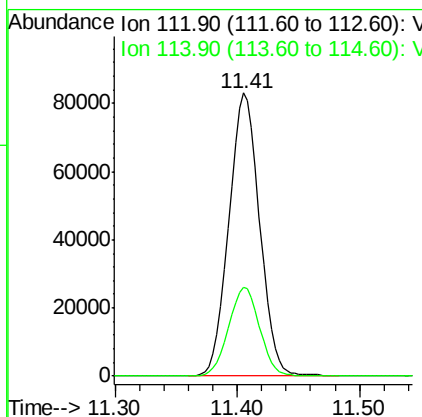
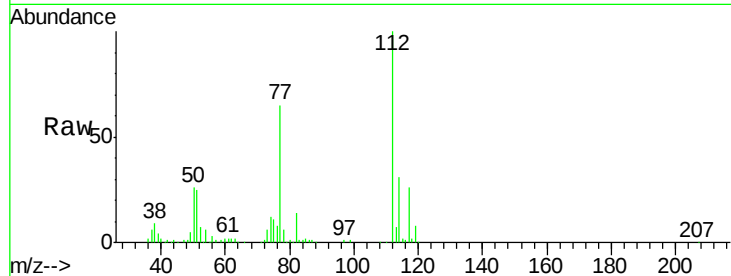
#65
Chlorobenzene
Concen: 18.544 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

Tot Ion:112 Resp: 145917
Ion Ratio Lower Upper
112 100
114 31.4 26.1 39.1

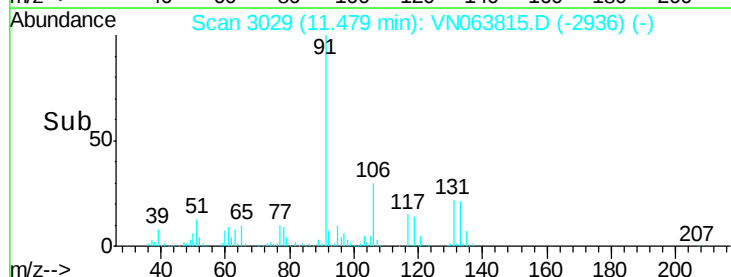
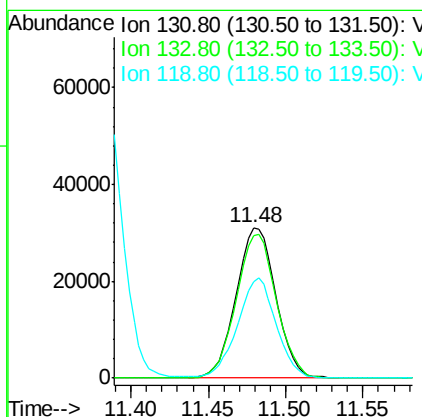
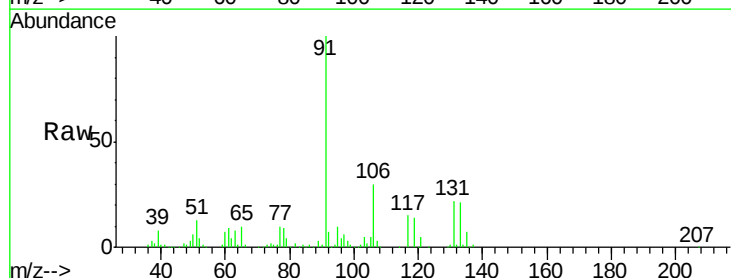
Manual Integrations
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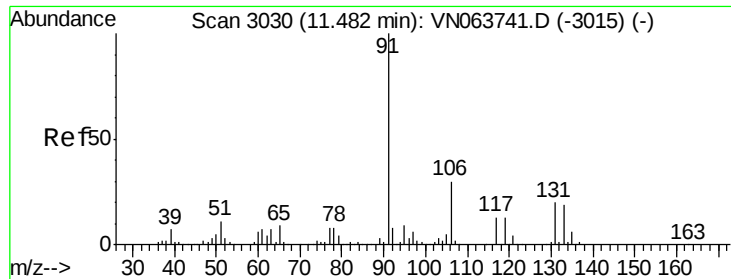
MMDadoda
10/5/2020 5:35:21 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.405 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Tgt Ion:131 Resp: 55521
Ion Ratio Lower Upper
131 100
133 96.4 47.3 141.8
119 64.8 32.6 97.7





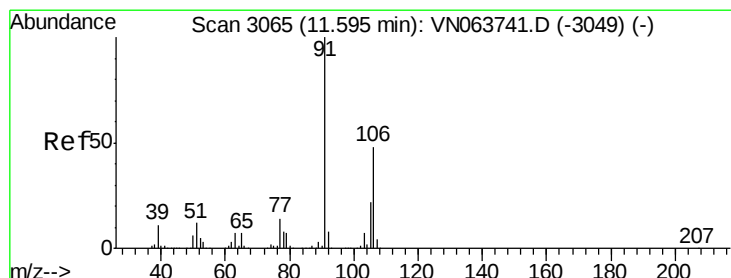
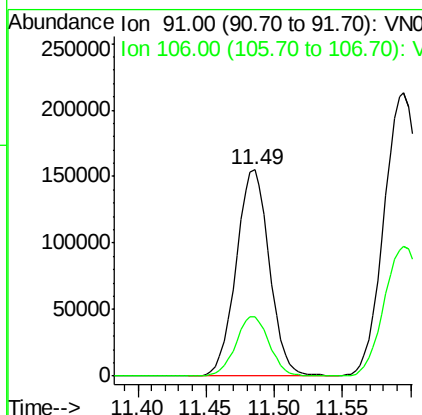
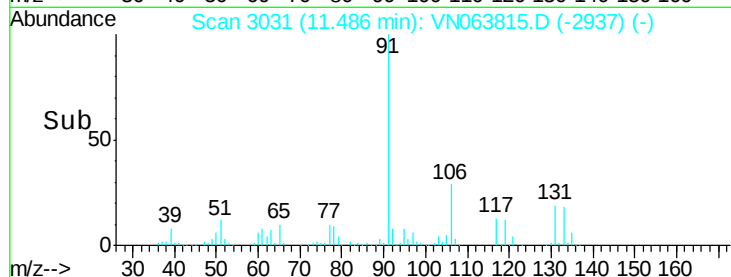
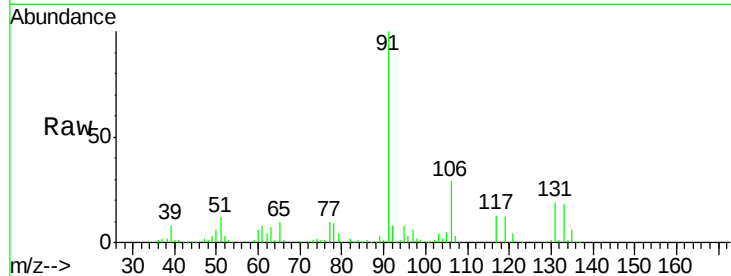
#67
Ethyl Benzene
Concen: 18.353 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

Tot Ion: 91 Resp: 262772
Ion Ratio Lower Upper
91 100
106 28.9 24.2 36.2

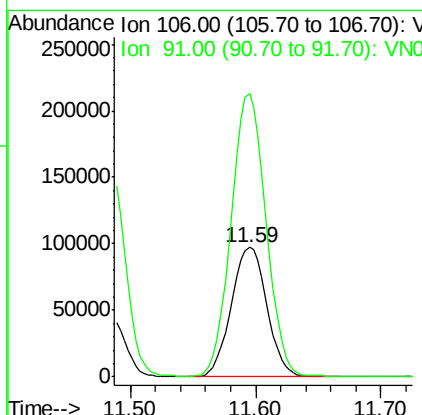
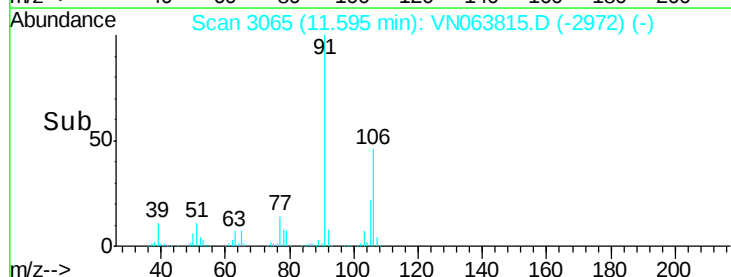
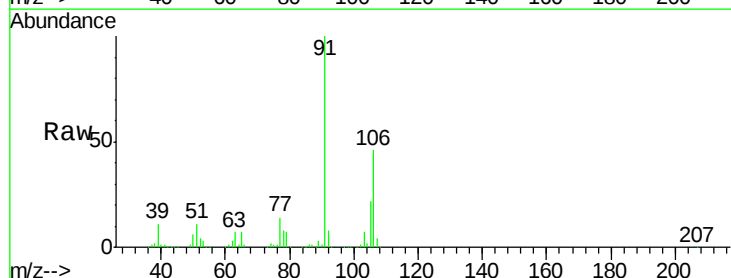
Manual Integrations
APPROVED

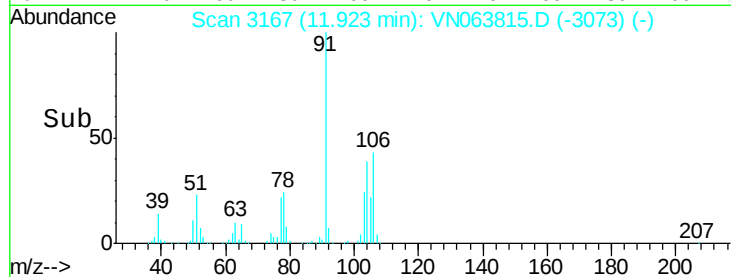
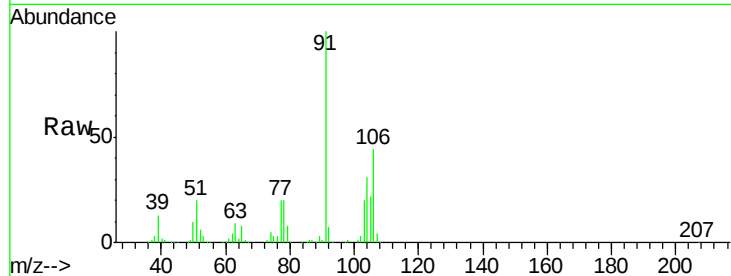
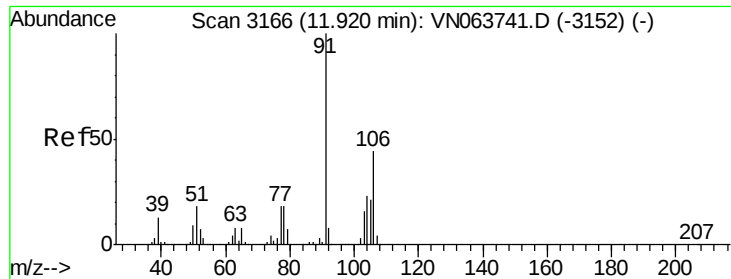
MMDadoda
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#68
m/p-Xylenes
Concen: 36.041 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Tgt Ion: 106 Resp: 192327
Ion Ratio Lower Upper
106 100
91 212.9 168.0 252.0





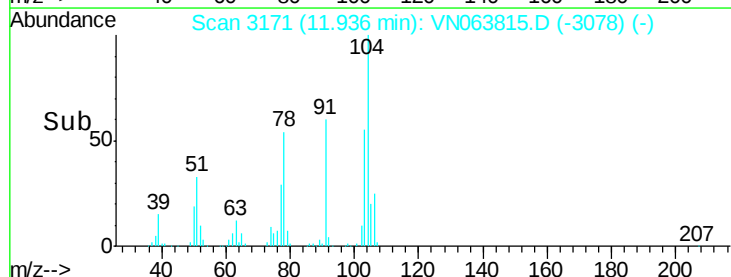
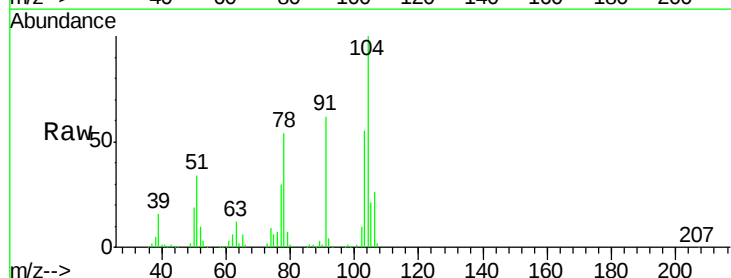
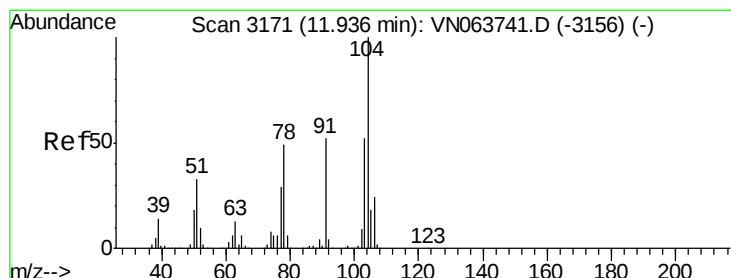
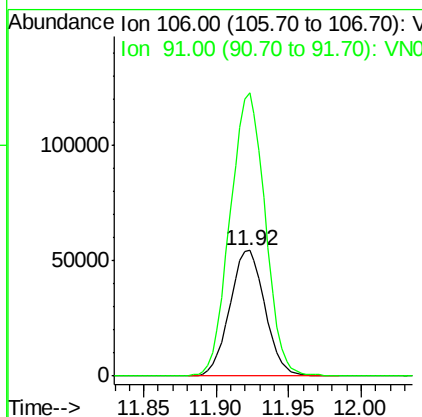
#69
o-Xylene
Concen: 18.469 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Tot Ion:106 Resp: 92115
Ion Ratio Lower Upper
106 100
91 224.4 112.7 338.0

Instrument :
MSVOA_N
ClientSampled :
VN1002WBSD01

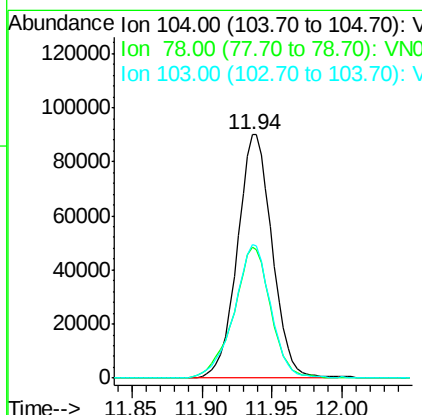
Manual Integrations
APPROVED

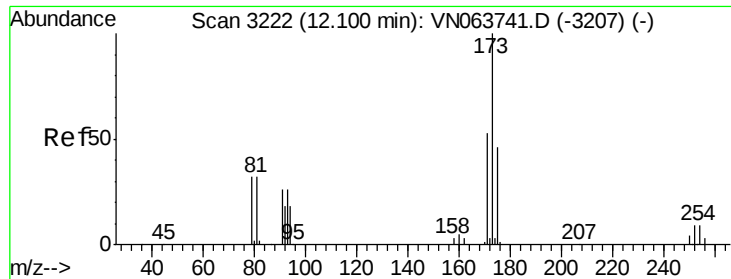
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#70
Styrene
Concen: 18.352 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Tgt Ion:104 Resp: 155375
Ion Ratio Lower Upper
104 100
78 57.1 44.1 66.1
103 57.3 44.3 66.5





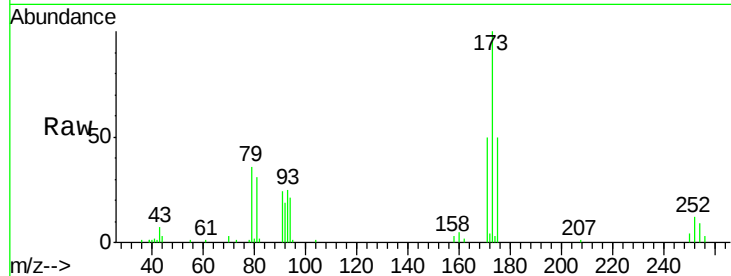
#71
Bromoform
Concen: 17.385 ug/l
RT: 12.10 min Scan# 3223
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.8	23.5	70.5
254	0.0	0.0	0.0

Manual Integrations
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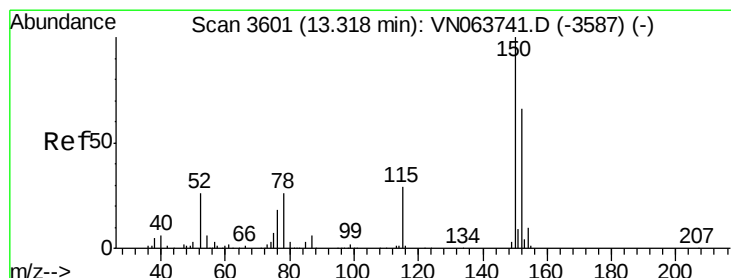
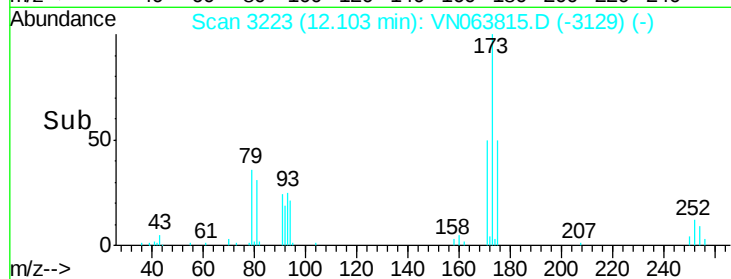
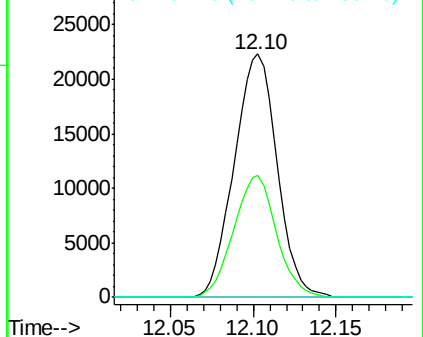


Abundance

Ion 172.70 (172.40 to 173.40): V

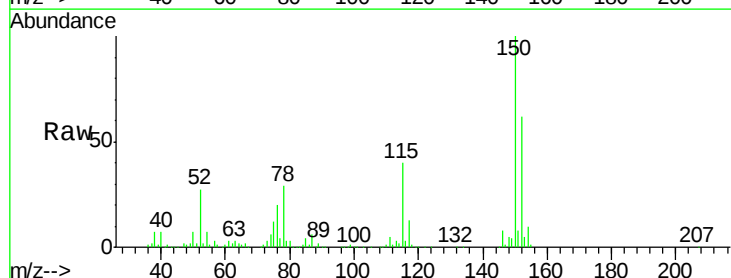
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.1	31.3	93.8
150	168.5	0.0	341.8

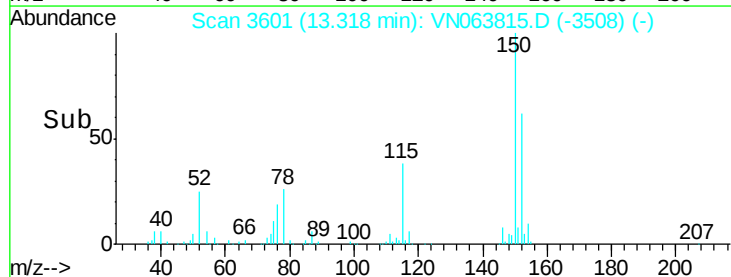
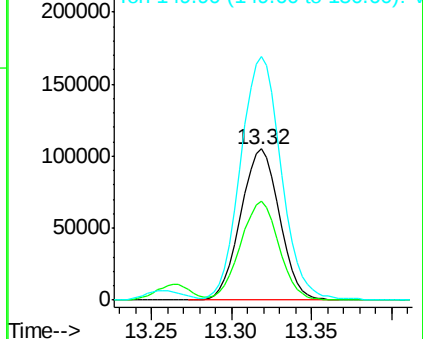


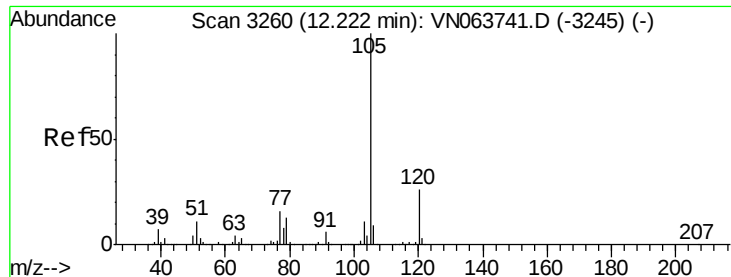
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





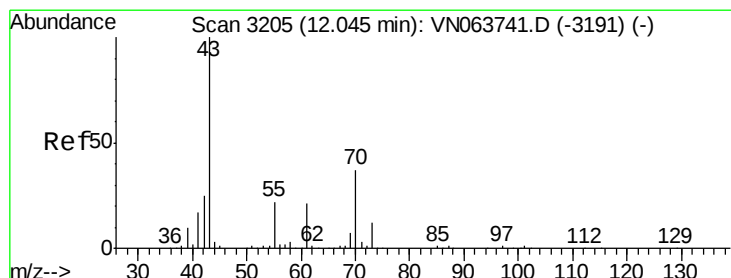
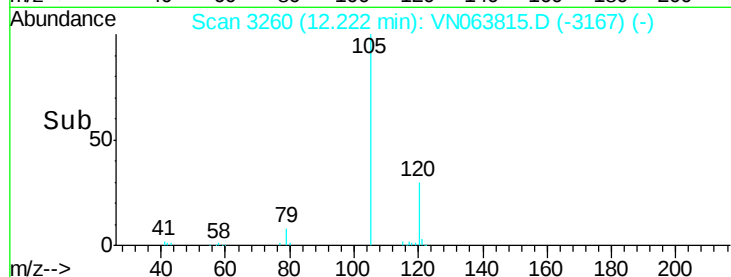
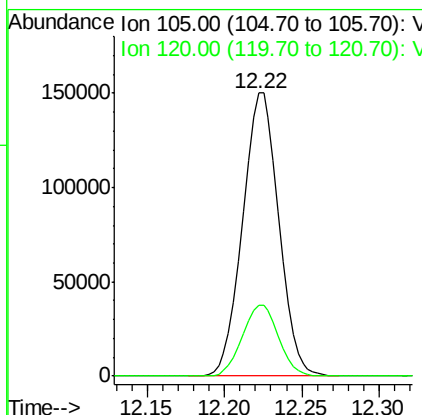
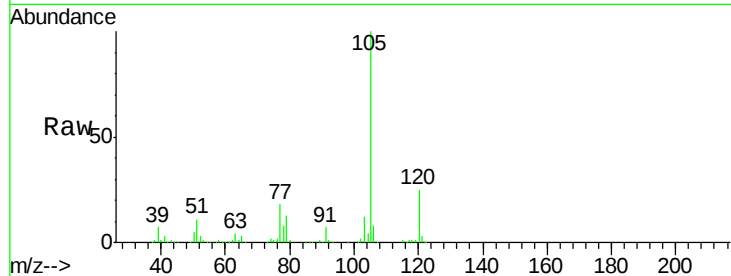
#73
Isopropylbenzene
Concen: 19.278 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.0	12.6	37.8

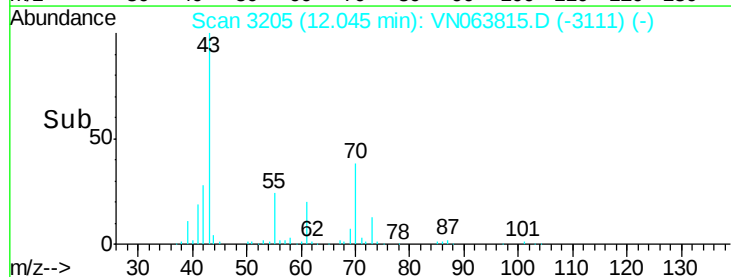
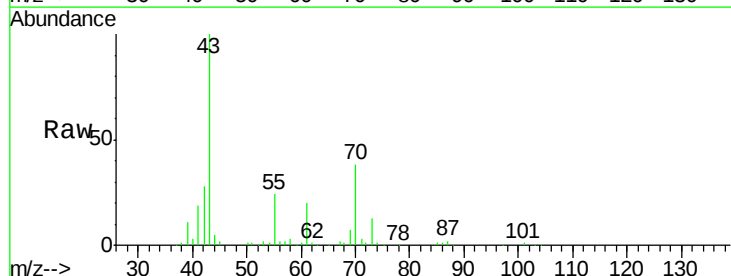
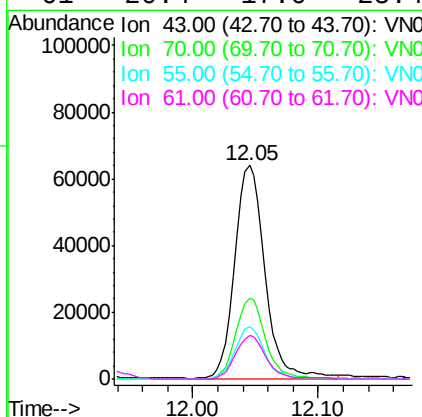
Manual Integrations
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#74
N-ethyl acetate
Concen: 19.545 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Tgt Ion	Ratio	Lower	Upper
43	100		
70	37.3	29.8	44.8
55	23.8	17.9	26.9
61	20.4	17.0	25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.405 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBSD01

Tot Ion: 83 Resp: 79345

Ion Ratio Lower Upper

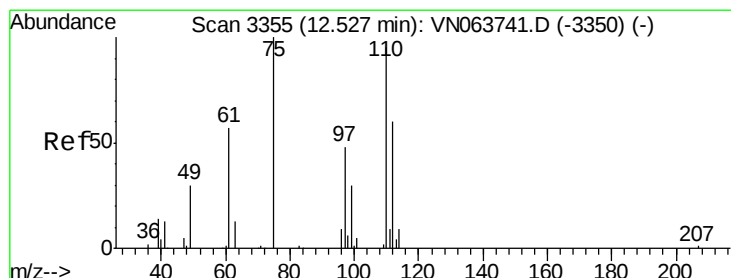
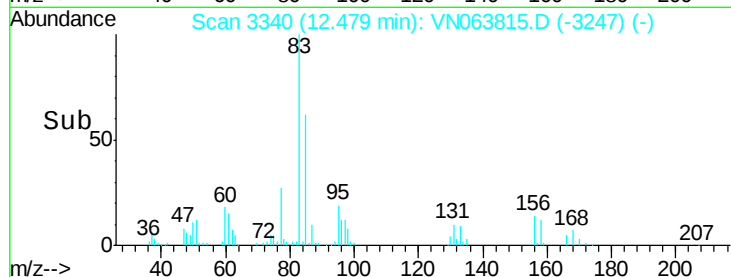
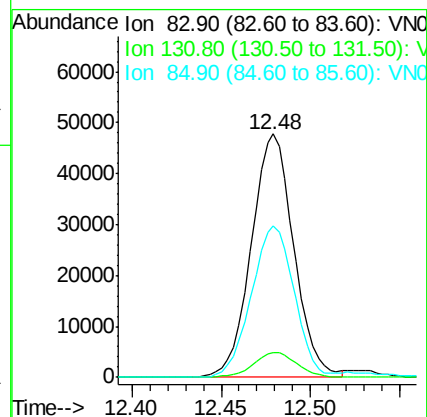
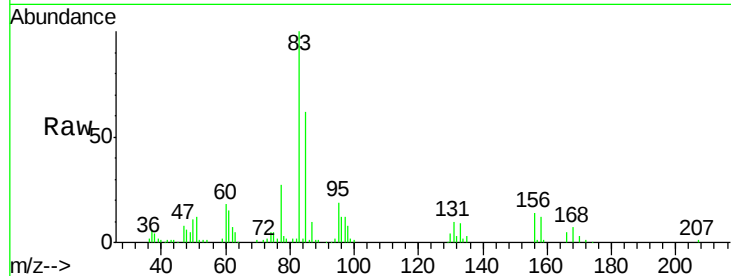
83 100

131 10.3 5.3 15.8

85 62.8 31.3 93.8

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#76

1,2,3-Trichloropropane

Concen: 19.209 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063815.D

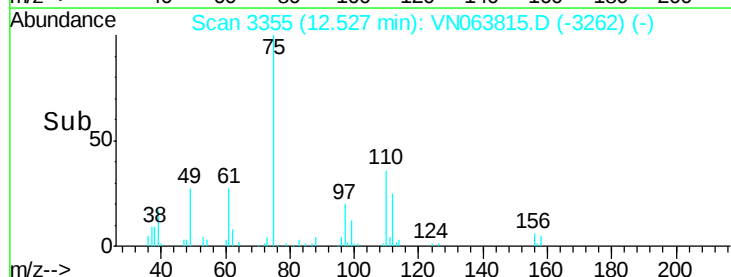
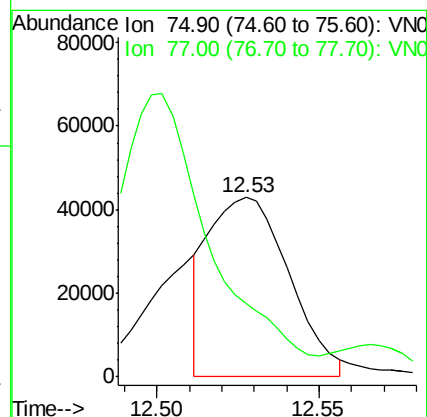
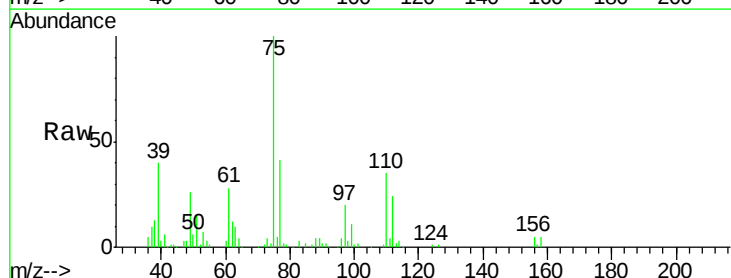
Acq: 2 Oct 2020 12:45

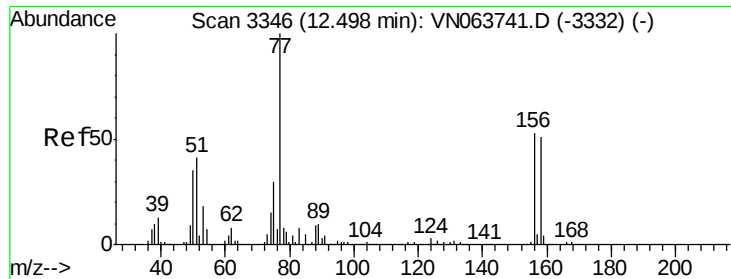
Tgt Ion: 75 Resp: 73821

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.965 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBSD01

Tot Ion:156 Resp: 62295

Ion Ratio Lower Upper

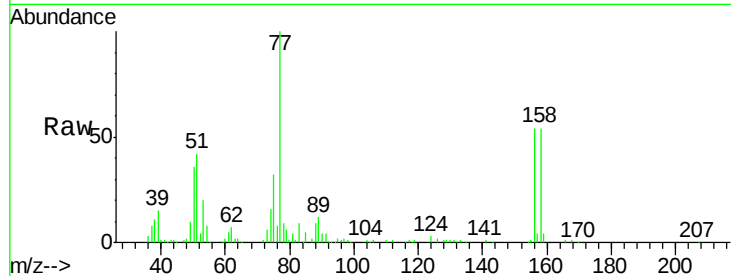
156 100

77 225.6 110.9 332.7

158 98.7 47.7 143.1

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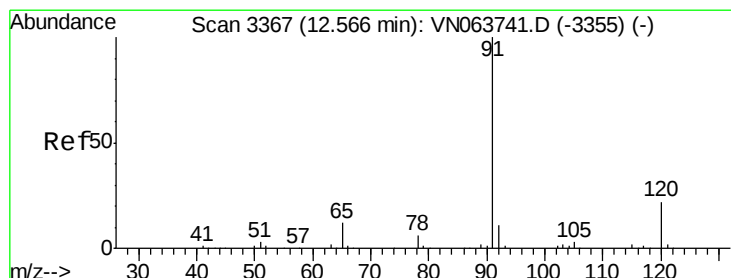
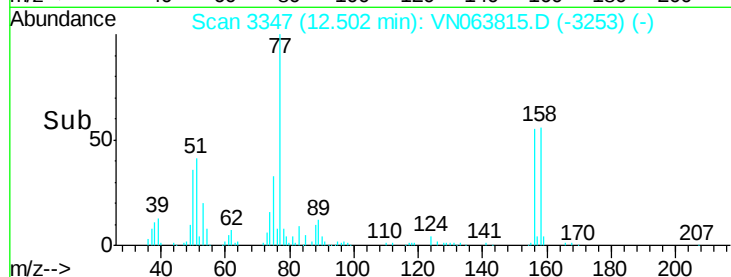
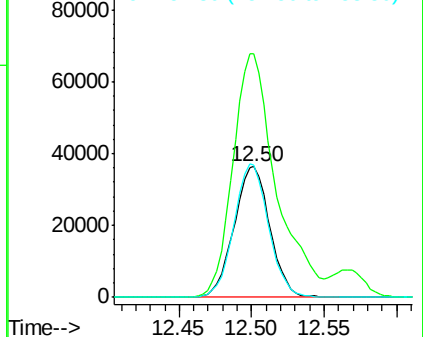
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.983 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063815.D

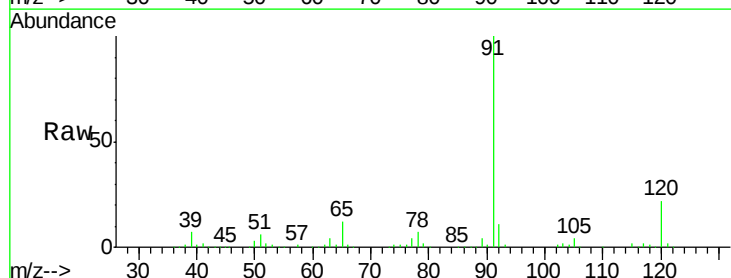
Acq: 2 Oct 2020 12:45

Tgt Ion: 91 Resp: 280925

Ion Ratio Lower Upper

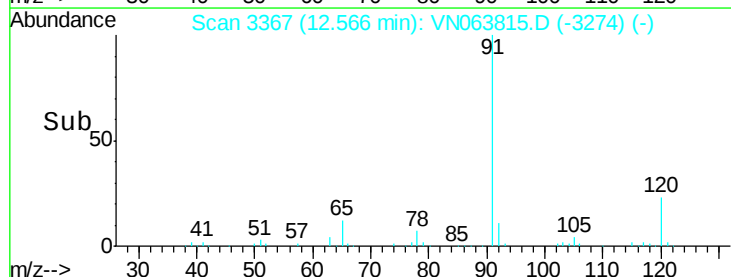
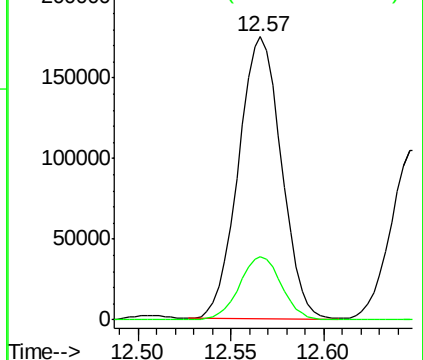
91 100

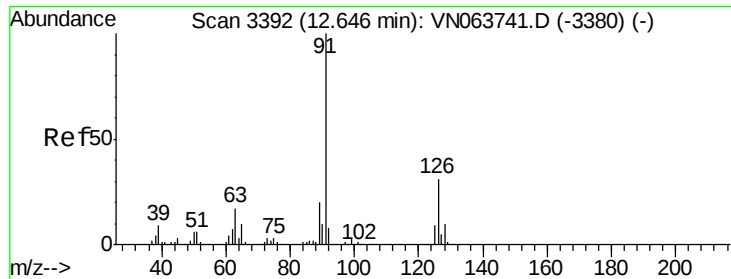
120 22.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.434 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Instrument :

MSVOA_N

ClientSampled :

VN1002WBSD01

Tot Ion: 91 Resp: 176883

Ion Ratio Lower Upper

91 100

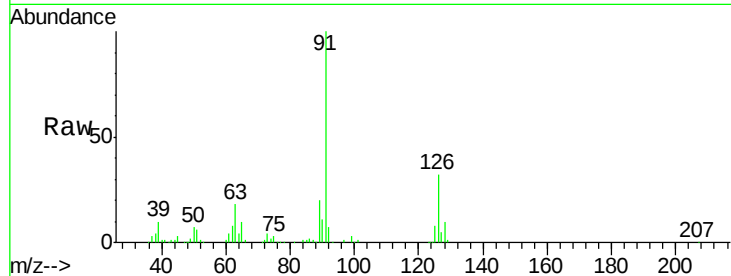
126 31.5 15.9 47.7

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN063815.D (-3299) (-)

Ion 125.90 (125.60 to 126.60): VN063815.D (-3299) (-)

200000

150000

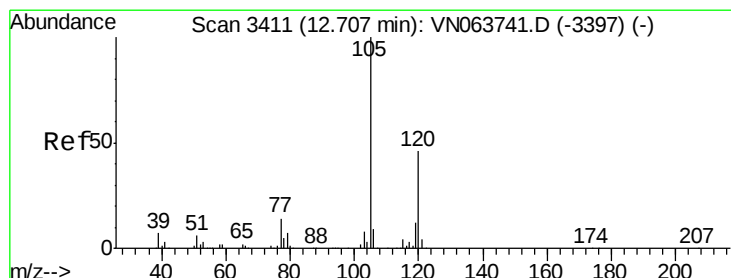
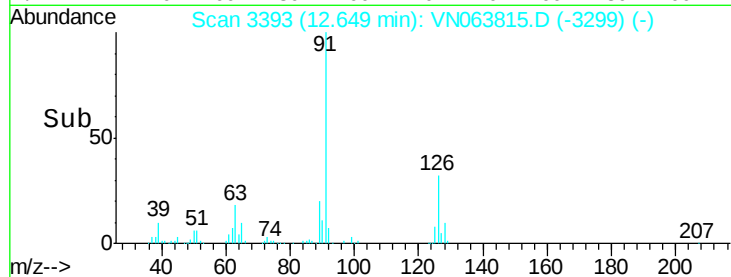
100000

50000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.559 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN063815.D

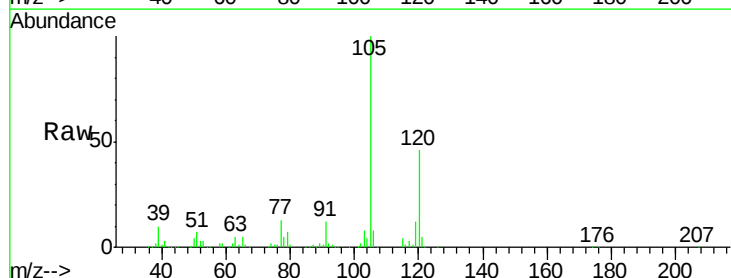
Acq: 2 Oct 2020 12:45

Tgt Ion: 105 Resp: 208660

Ion Ratio Lower Upper

105 100

120 45.7 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): VN063815.D (-3318) (-)

Ion 120.00 (119.70 to 120.70): VN063815.D (-3318) (-)

150000

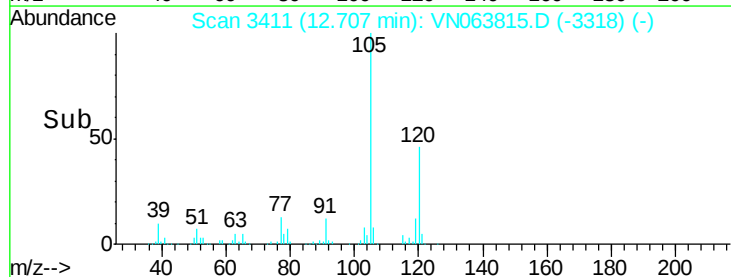
100000

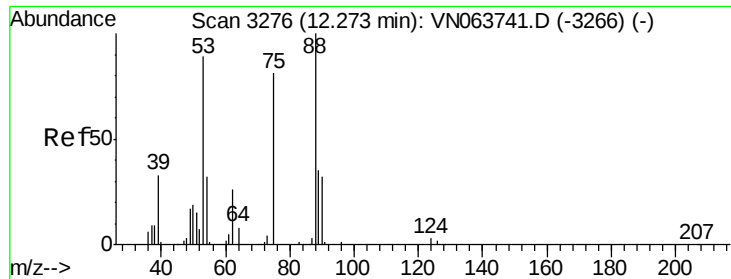
50000

0

12.70 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 19.066 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Instrument :

MSVOA_N

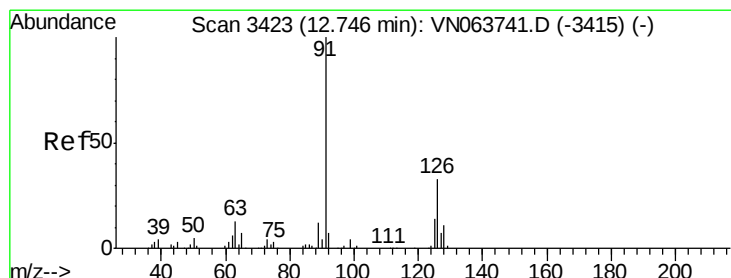
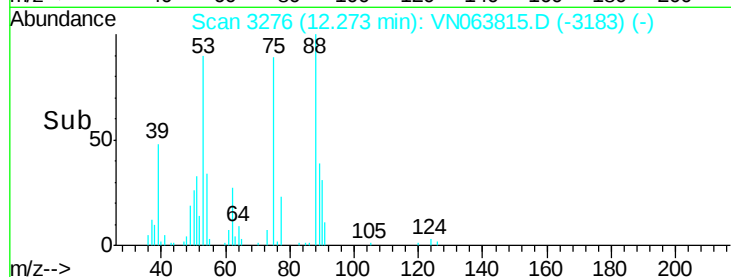
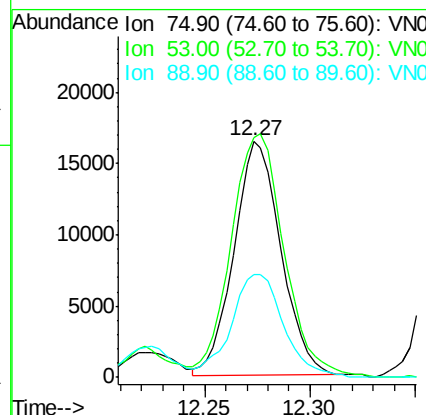
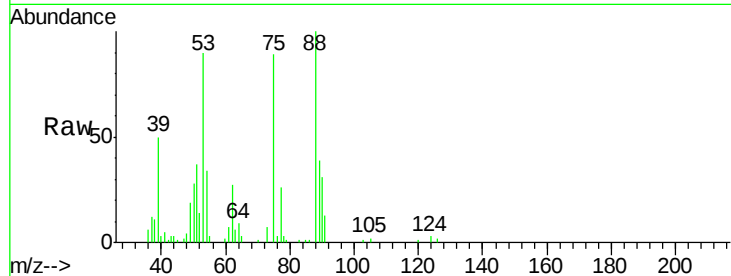
ClientSampleId :

VN1002WBSD01

Tot Ion:	75	Resp:	25441
Ion	Ratio	Lower	Upper
75	100		
53	117.8	88.2	132.2
89	49.2	36.0	54.0

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#82

4-Chlorotoluene

Concen: 19.800 ug/l

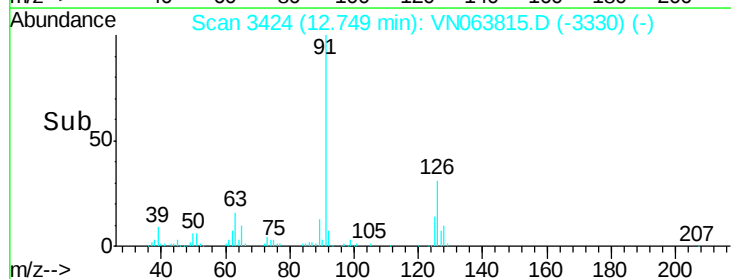
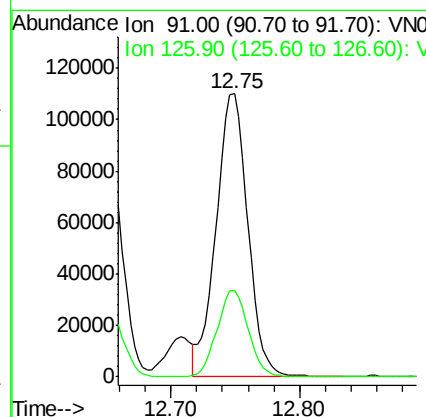
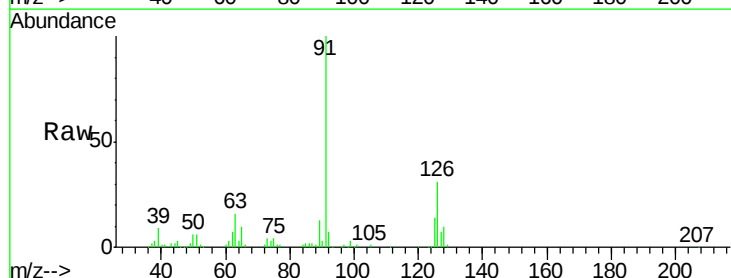
RT: 12.75 min Scan# 3424

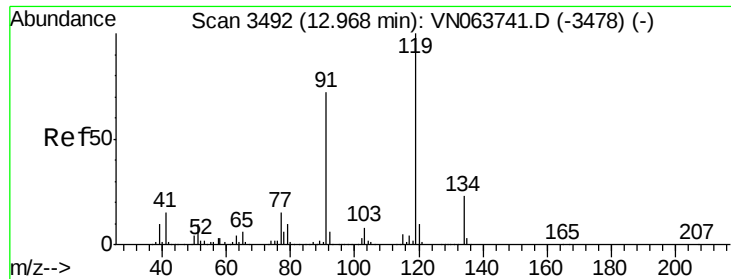
Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Tgt Ion:	91	Resp:	187079
Ion	Ratio	Lower	Upper
91	100		
126	29.9	15.4	46.2





#83

tert-Butylbenzene

Concen: 18.759 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Instrument :

MSVOA_N

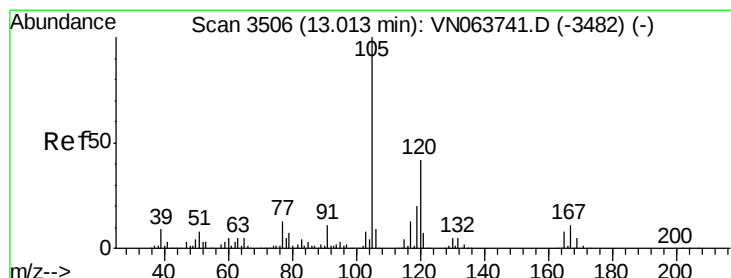
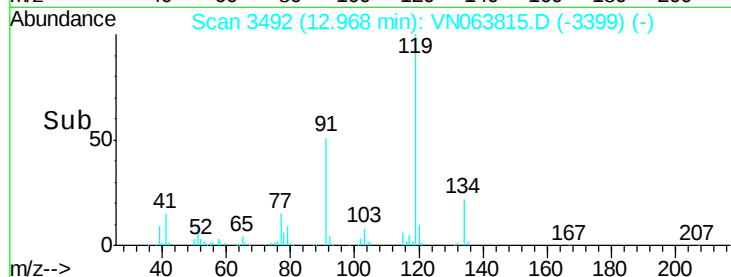
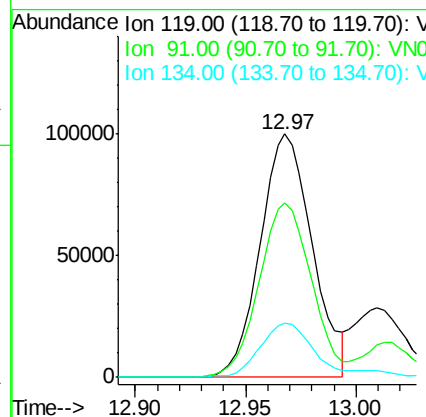
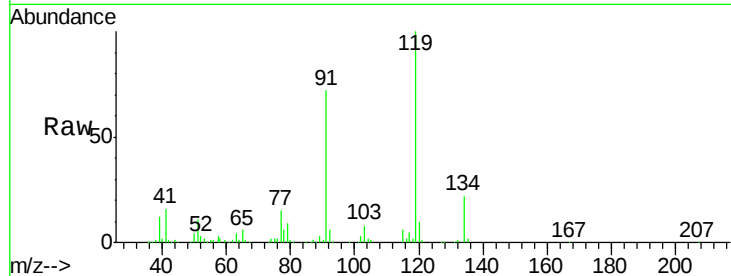
ClientSampleId :

VN1002WBSD01

Tot Ion:	119	Resp:	163698
Ion Ratio	Lower	Upper	
119	100		
91	72.2	35.5	106.5
134	22.6	11.7	35.1

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 19.457 ug/l

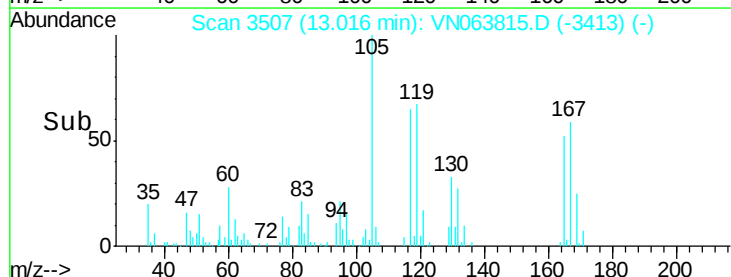
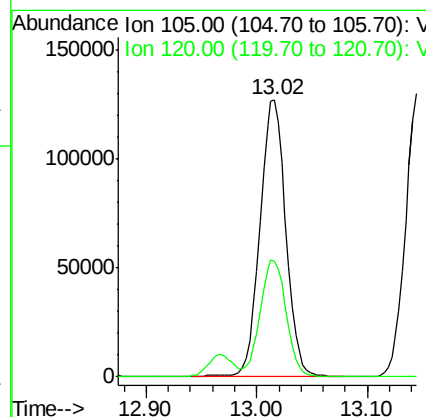
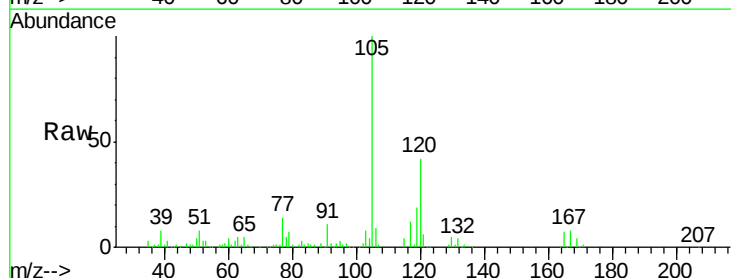
RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Tgt Ion:	105	Resp:	207235
Ion Ratio	Lower	Upper	
105	100		
120	42.4	20.9	62.7





#85

sec-Butylbenzene

Concen: 18.514 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBSD01

Tot Ion:105 Resp: 212193

Ion Ratio Lower Upper

105 100

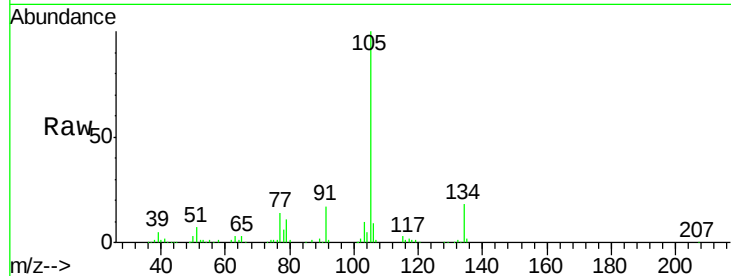
134 19.1 9.5 28.5

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

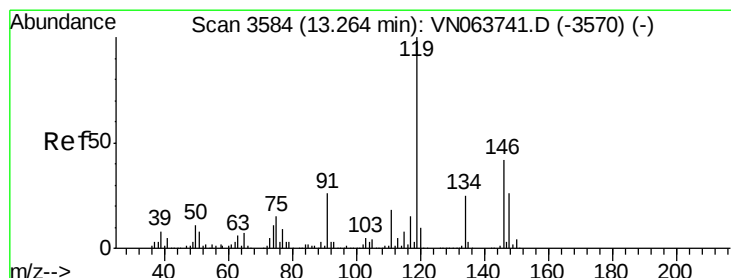
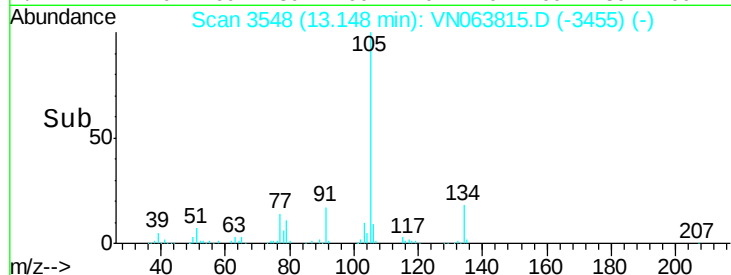
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.075 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

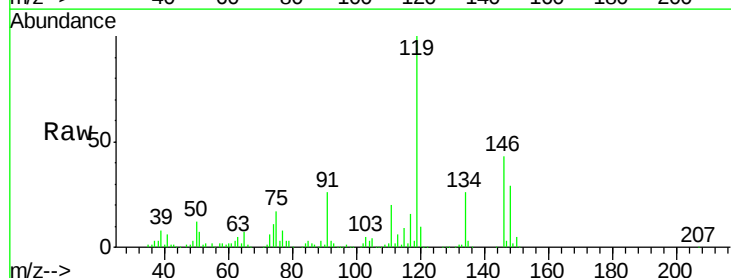
Tgt Ion:119 Resp: 193408

Ion Ratio Lower Upper

119 100

134 25.6 12.6 37.8

91 26.7 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

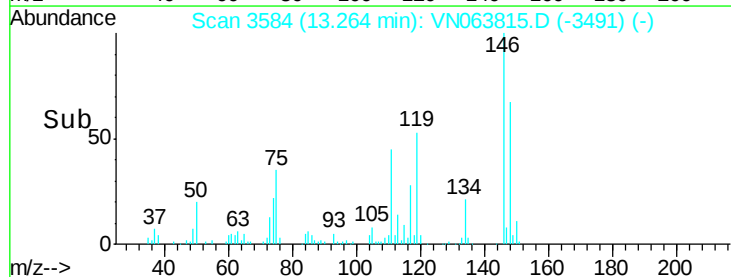
150000

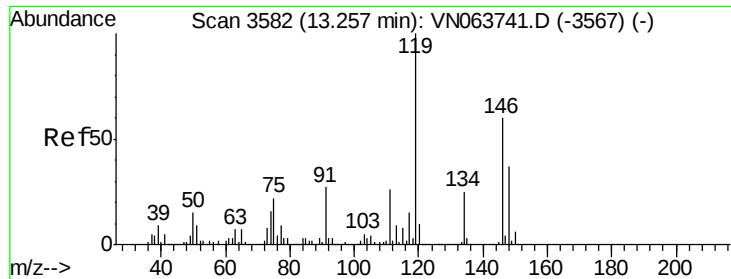
100000

50000

0

Time-->





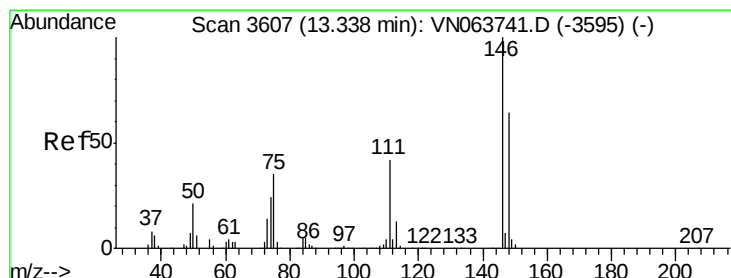
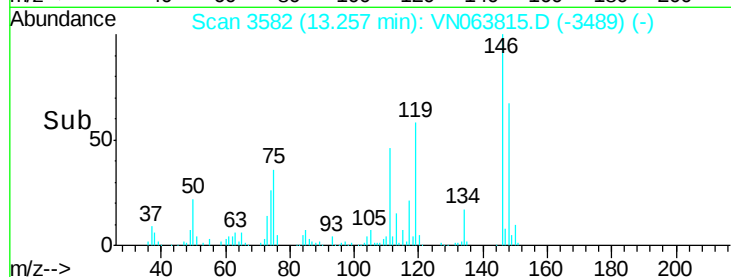
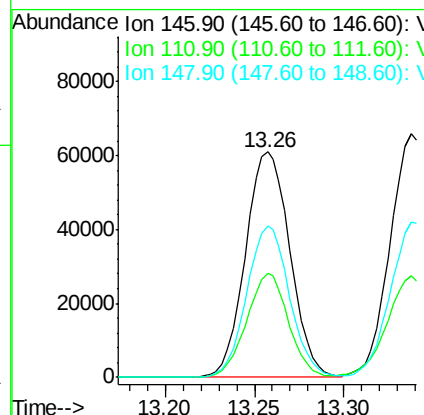
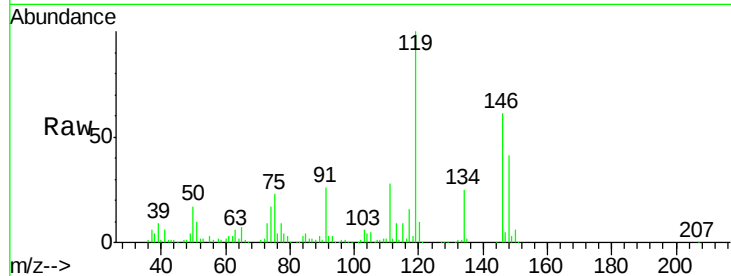
#87
 1,3-Dichlorobenzene
 Concen: 18.846 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN063815.D
 Acq: 2 Oct 2020 12:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.5	64.5
148	64.7	31.1	93.3

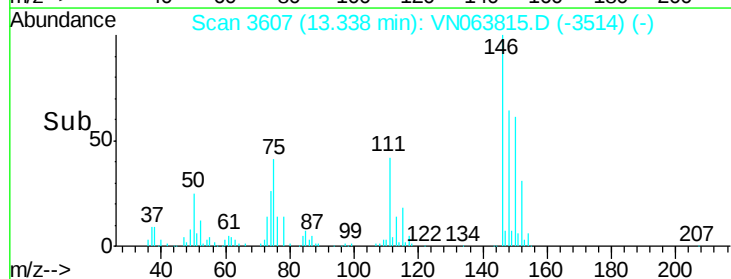
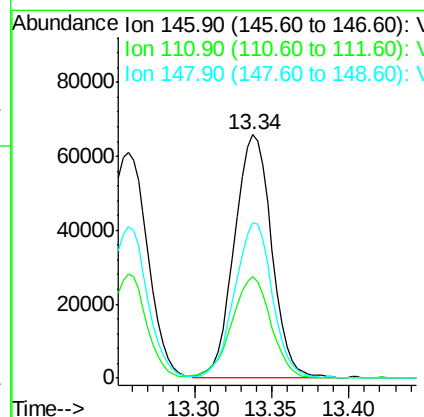
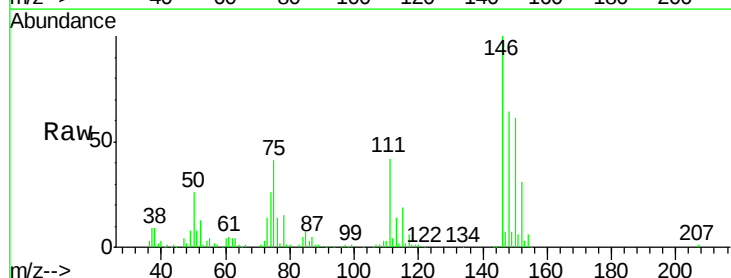
Manual Integrations
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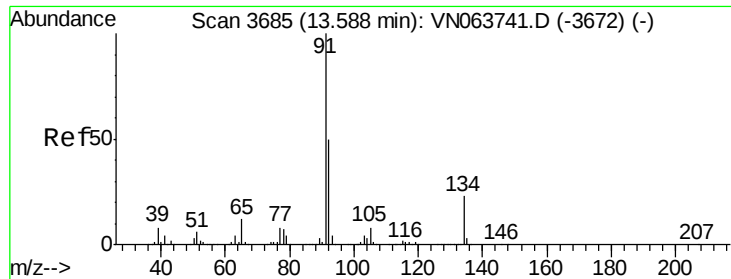
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 18.654 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063815.D
 Acq: 2 Oct 2020 12:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.1	21.3	63.7
148	64.2	32.0	96.0





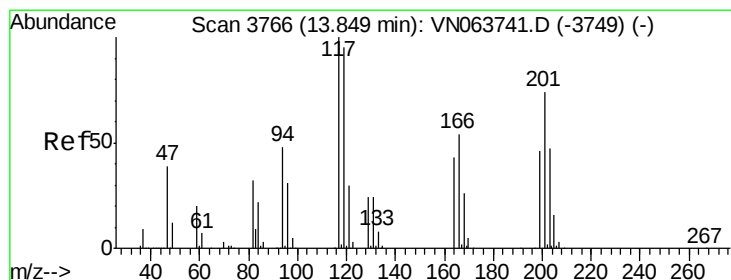
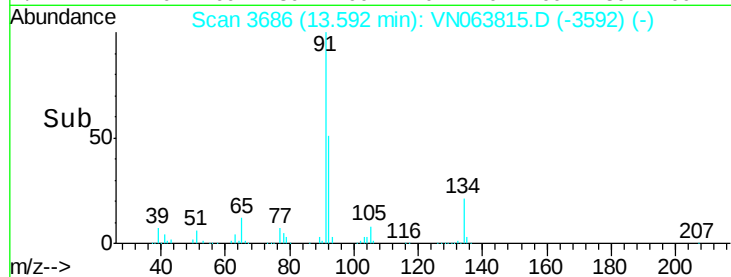
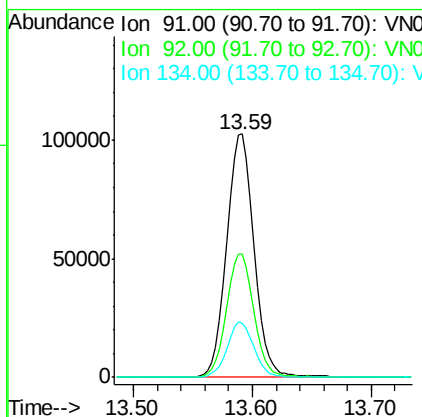
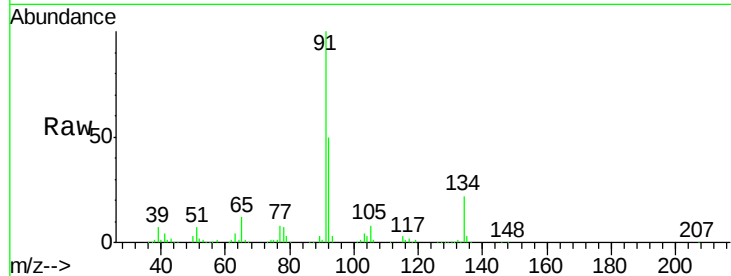
#89
n-Butylbenzene
Concen: 17.494 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.5	25.4	76.4
134	22.1	11.7	35.1

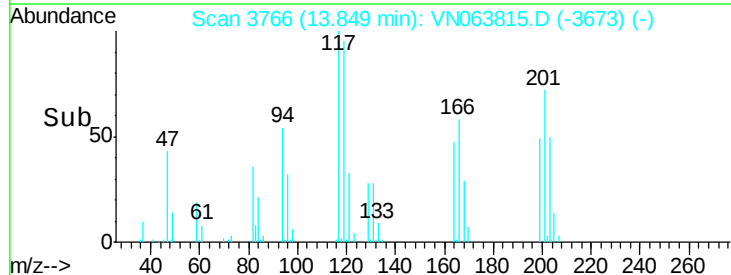
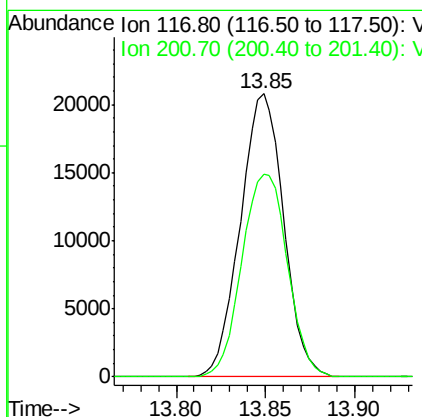
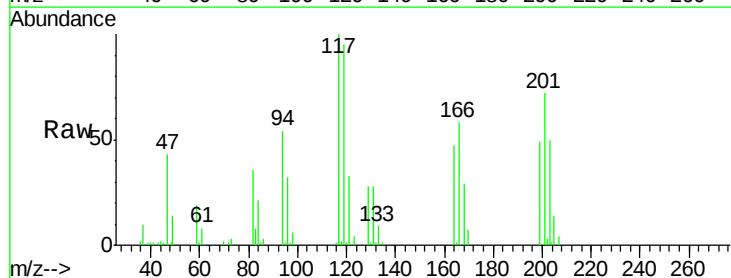
Manual Integrations
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10/5/2020 5:35:21 PM



#90
Hexachloroethane
Concen: 17.931 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.5	36.0	108.0





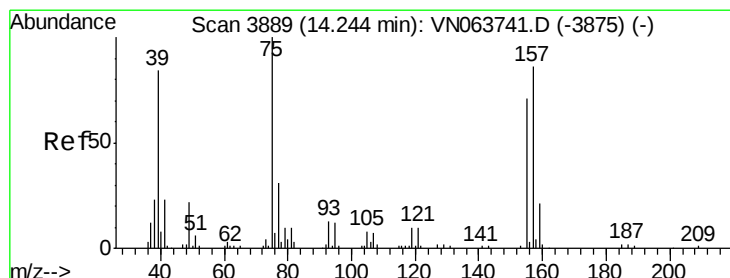
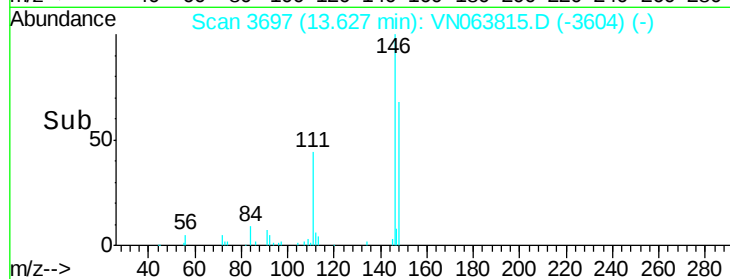
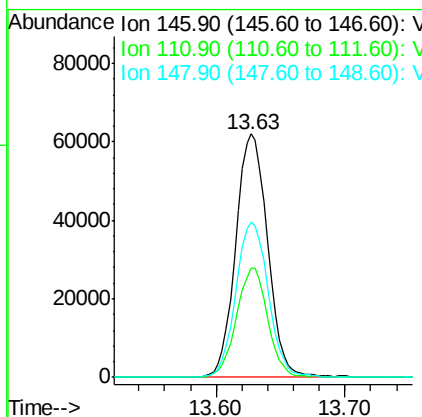
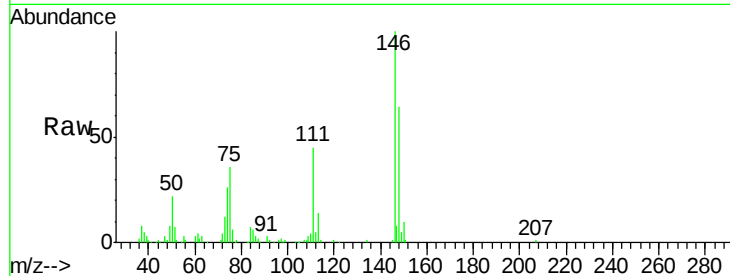
#91
 1,2-Dichlorobenzene
 Concen: 19.087 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063815.D
 Acq: 2 Oct 2020 12:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.8	22.2	66.6
148	64.9	32.5	97.4

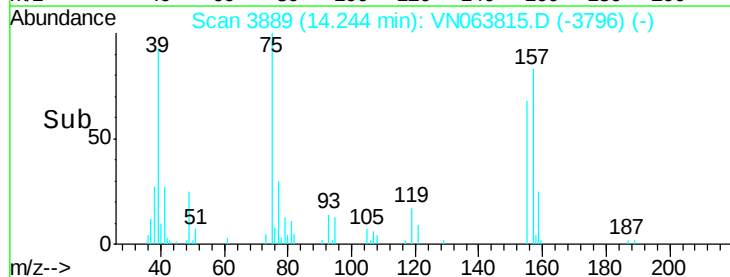
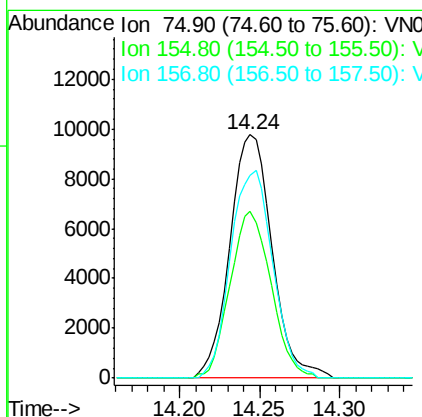
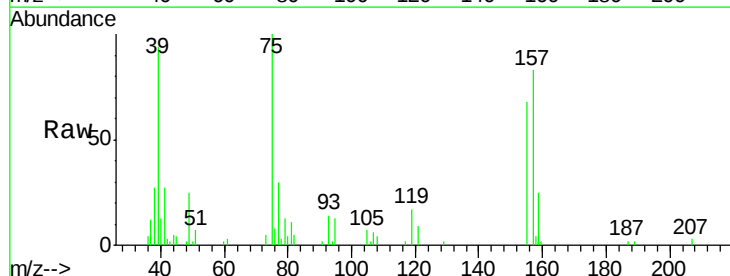
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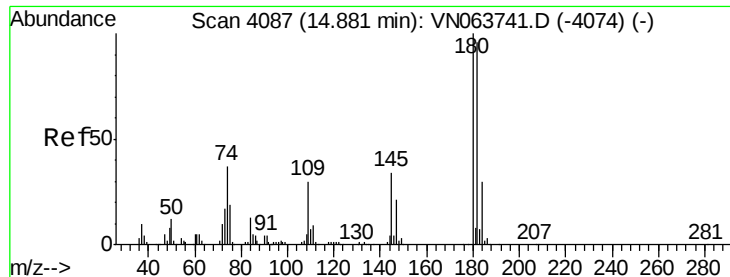
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.277 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063815.D
 Acq: 2 Oct 2020 12:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	66.4	34.8	104.5
157	85.2	43.7	131.1





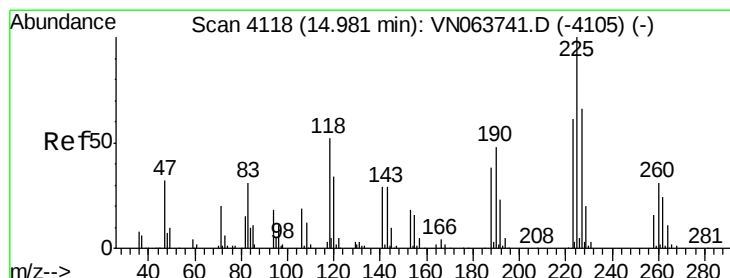
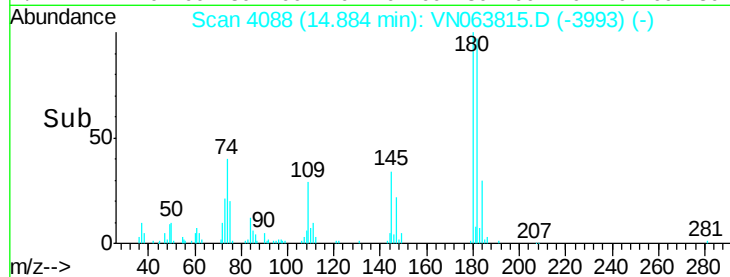
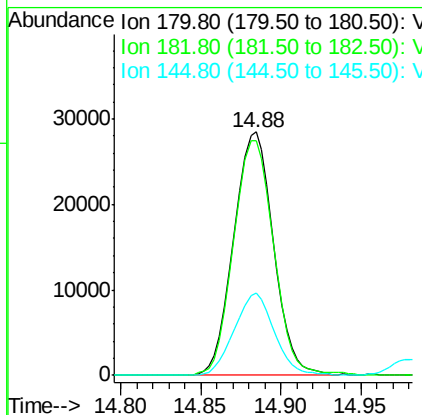
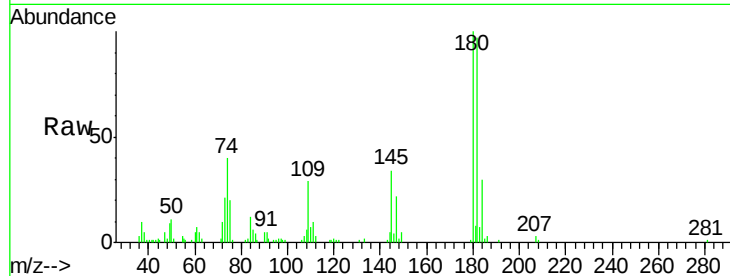
#93
 1,2,4-Trichlorobenzene
 Concen: 17.027 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063815.D
 Acq: 2 Oct 2020 12:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	48161		
182	97.4	48.2	144.6	
145	34.1	17.1	51.2	

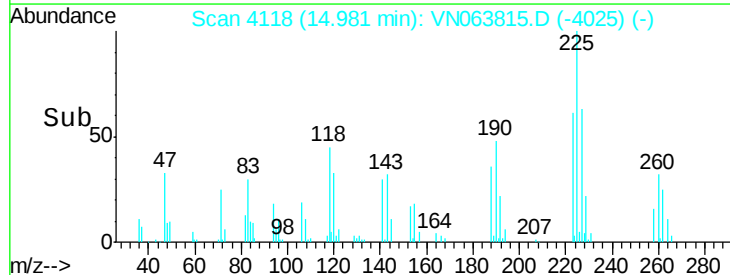
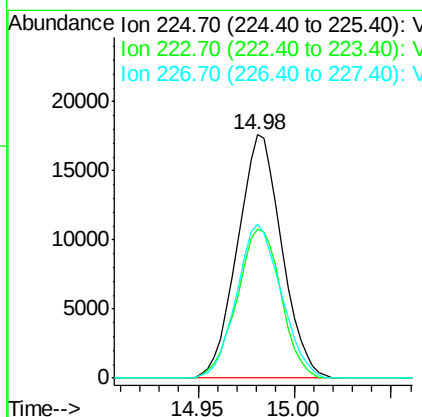
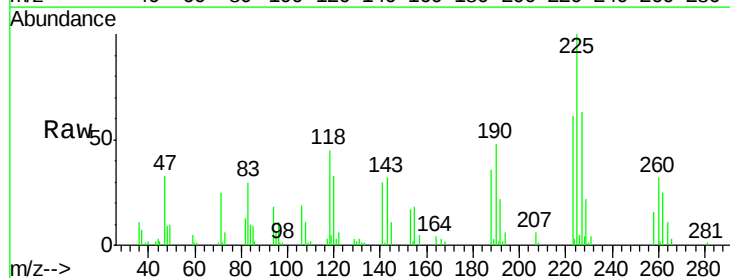
Manual Integrations
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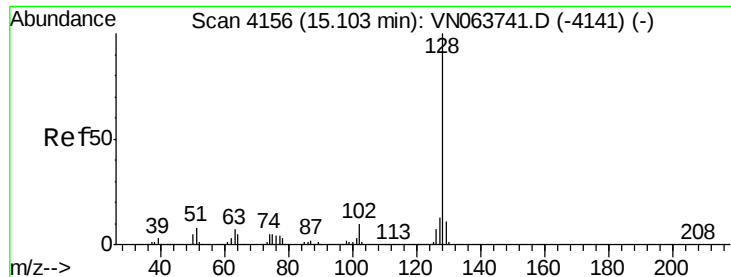
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#94
 Hexachlorobutadiene
 Concen: 18.531 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN063815.D
 Acq: 2 Oct 2020 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	28028		
223	61.0	30.3	91.0	
227	63.5	31.9	95.5	





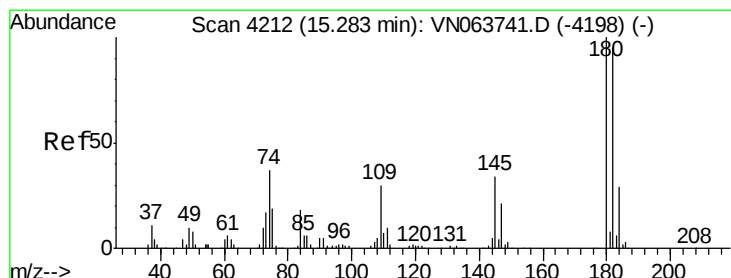
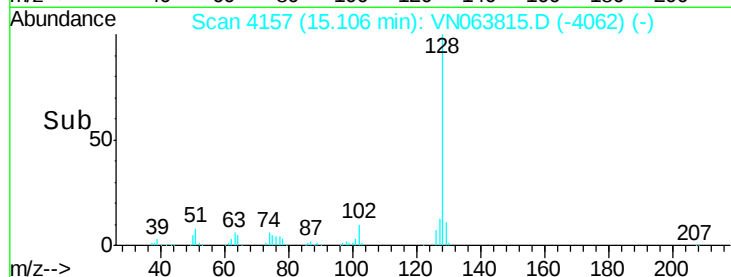
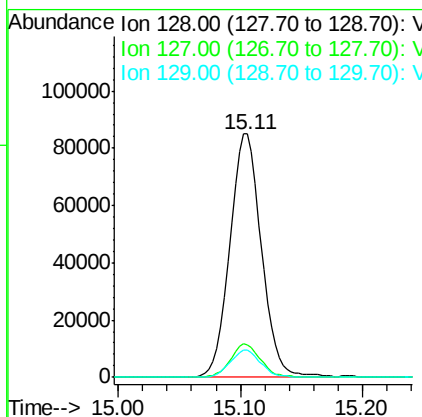
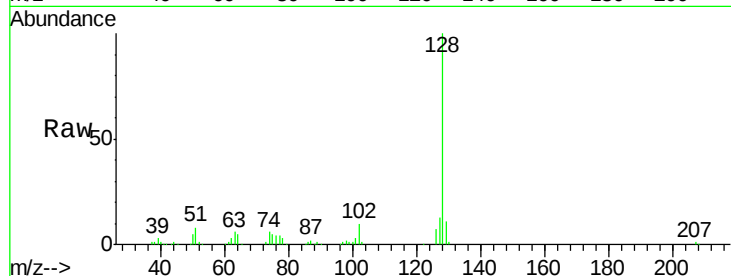
#95
Naphthalene
Concen: 17.602 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.9	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 17.502 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.9	143.6
145	32.5	17.2	51.5

