

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031020\
 Data File : VN060408.D
 Acq On : 10 Mar 2020 11:48
 Operator : JC/MD
 Sample : VN0310WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0310WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 3:23:09 PM

Quant Time: Mar 11 06:55:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	215339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	353637	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	328816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	155182	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	133087	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
35) Dibromofluoromethane	7.56	113	98139	59.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.58%	
50) Toluene-d8	10.08	98	388218	46.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.46%	
62) 4-Bromofluorobenzene	12.40	95	148517	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	29341	14.861	ug/l	97
3) Chloromethane	2.04	50	55306	16.090	ug/l	99
4) Vinyl Chloride	2.16	62	44691	15.160	ug/l	97
5) Bromomethane	2.54	94	17773	13.210	ug/l	98
6) Chloroethane	2.68	64	25415	15.912	ug/l	96
7) Trichlorofluoromethane	3.00	101	59223	15.724	ug/l	99
8) Diethyl Ether	3.38	74	23519	16.539	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	35136	16.484	ug/l	100
10) Methyl Iodide	3.93	142	27015	13.887	ug/l	99
11) Tert butyl alcohol	4.73	59	36424	88.786	ug/l	99
12) 1,1-Dichloroethene	3.71	96	34400	16.576	ug/l	94
13) Acrolein	3.58	56	30464	79.598	ug/l	100
14) Allyl chloride	4.29	41	61028	15.999	ug/l	94
15) Acrylonitrile	4.94	53	98669	91.248	ug/l	98
16) Acetone	3.78	43	81531	91.382	ug/l	100
17) Carbon Disulfide	4.03	76	83553	14.722	ug/l	100
18) Methyl Acetate	4.29	43	52436	17.611	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	130513	17.376	ug/l	100
20) Methylene Chloride	4.52	84	40333	16.461	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	36967	16.344	ug/l	98
22) Diisopropyl ether	5.91	45	138905	17.978	ug/l	96
23) Vinyl Acetate	5.86	43	548327	89.308	ug/l	98
24) 1,1-Dichloroethane	5.81	63	76780	17.555	ug/l	100
25) 2-Butanone	6.80	43	135687	94.154	ug/l	99
26) 2,2-Dichloropropane	6.79	77	69028	17.336	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	46441	16.345	ug/l	99
28) Bromochloromethane	7.17	49	29811	16.601	ug/l	97
29) Tetrahydrofuran	7.18	42	90190	89.999	ug/l	99
30) Chloroform	7.35	83	75886	17.429	ug/l	99
31) Cyclohexane	7.63	56	67048	17.081	ug/l	96
32) 1,1,1-Trichloroethane	7.54	97	65772	17.050	ug/l	99
36) 1,1-Dichloropropene	7.77	75	55125	16.356	ug/l	99
37) Ethyl Acetate	6.89	43	58583	18.357	ug/l	99
38) Carbon Tetrachloride	7.75	117	53354	16.259	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	60418	15.204	ug/l	95
40) Benzene	8.02	78	165565	16.878	ug/l	99
41) Methacrylonitrile	7.15	41	27464m	18.638	ug/l	
42) 1,2-Dichloroethane	8.10	62	61969	17.506	ug/l	100
43) Isopropyl Acetate	8.14	43	100706	18.025	ug/l	98
44) Trichloroethene	8.82	130	46002	16.838	ug/l	99
45) 1,2-Dichloropropane	9.10	63	46657	18.192	ug/l	98
46) Dibromomethane	9.19	93	28364	17.044	ug/l	99
47) Bromodichloromethane	9.39	83	60051	17.742	ug/l	99
48) Methyl methacrylate	9.18	41	43256	16.978	ug/l	97
49) 1,4-Dioxane	9.18	88	12092	337.506	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	292535	92.350	ug/l	100
52) Toluene	10.14	92	104317	16.929	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	68845	16.600	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	73430	17.087	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	43008	17.356	ug/l	98
56) Ethyl methacrylate	10.42	69	61700	17.331	ug/l	98
57) 1,3-Dichloropropane	10.70	76	71557	17.707	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	154791	83.135	ug/l	99
59) 2-Hexanone	10.74	43	208892	89.816	ug/l	99
60) Dibromochloromethane	10.89	129	44187	17.534	ug/l	99
61) 1,2-Dibromoethane	10.99	107	40905	16.933	ug/l	100
64) Tetrachloroethene	10.62	164	47499	17.426	ug/l	99
65) Chlorobenzene	11.43	112	109403	16.477	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	41858	17.050	ug/l	99
67) Ethyl Benzene	11.51	91	201868	16.695	ug/l	100
68) m/p-Xylenes	11.62	106	151194	33.142	ug/l	100
69) o-Xylene	11.94	106	73483	16.892	ug/l	98
70) Styrene	11.96	104	116943	16.350	ug/l	100
71) Bromoform	12.12	173	30300	17.125	ug/l #	98
73) Isopropylbenzene	12.25	105	195990	17.040	ug/l	99
74) N-amyl acetate	12.06	43	85865	17.084	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	57709	18.458	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	50994m	14.978	ug/l	
77) Bromobenzene	12.52	156	47487	16.843	ug/l	98
78) n-propylbenzene	12.59	91	226045	16.766	ug/l	99
79) 2-Chlorotoluene	12.67	91	136214	17.187	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	166211	17.163	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	21288	17.260	ug/l #	85
82) 4-Chlorotoluene	12.77	91	140627	16.842	ug/l	97
83) tert-Butylbenzene	12.99	119	142431	16.987	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	164478	16.827	ug/l	99
85) sec-Butylbenzene	13.17	105	186824	16.640	ug/l	100
86) p-Isopropyltoluene	13.29	119	168235	16.189	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	83949	17.204	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	83732	17.156	ug/l	98
89) n-Butylbenzene	13.61	91	149761	15.699	ug/l	99
90) Hexachloroethane	13.87	117	22260	14.799	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	82645	16.729	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	12156	17.169	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	49187	15.730	ug/l	100
94) Hexachlorobutadiene	15.01	225	25322	17.173	ug/l	98
95) Naphthalene	15.13	128	142153	15.185	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	46970	15.763	ug/l	99

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

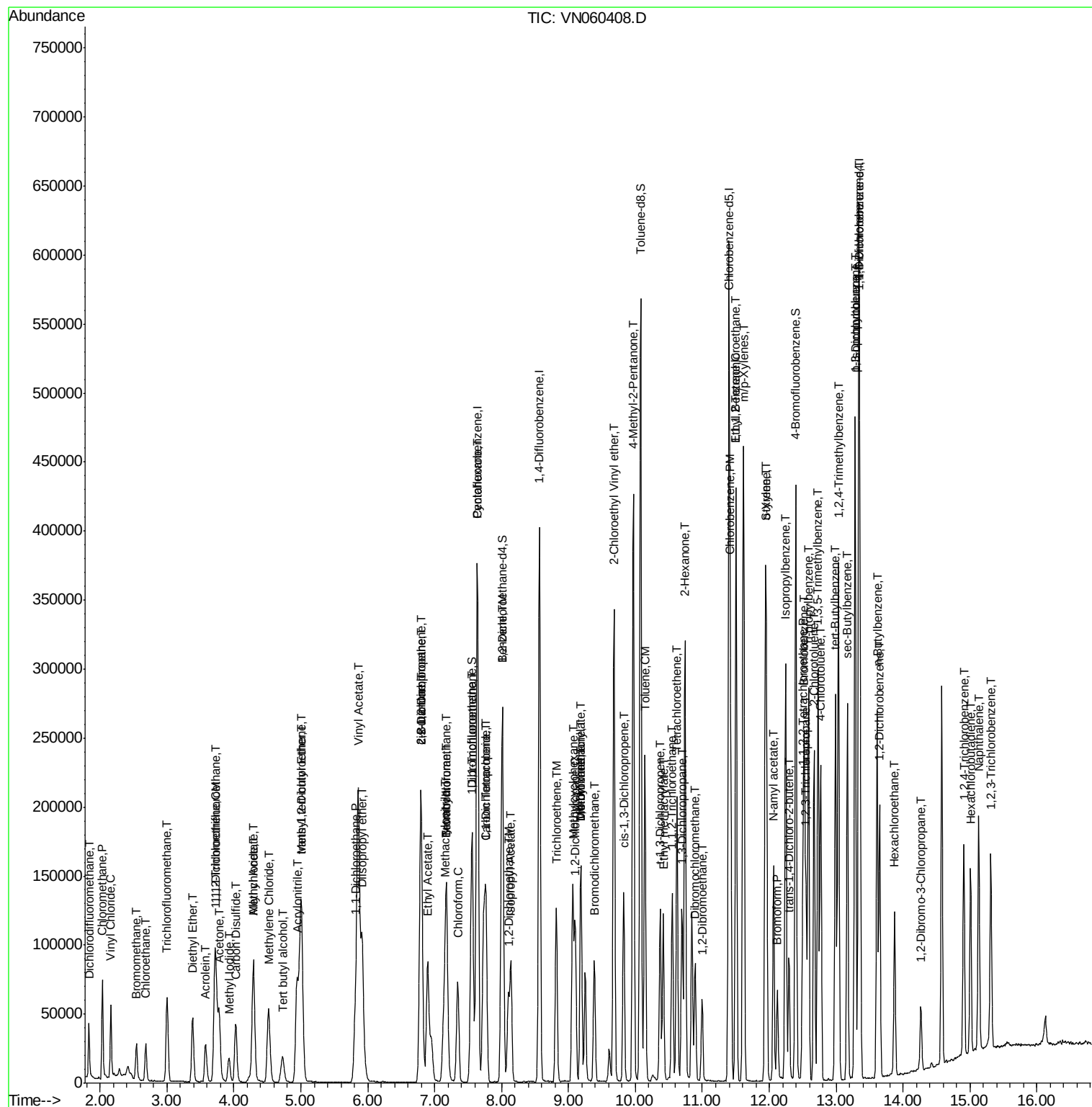
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 Operator : JC/MD
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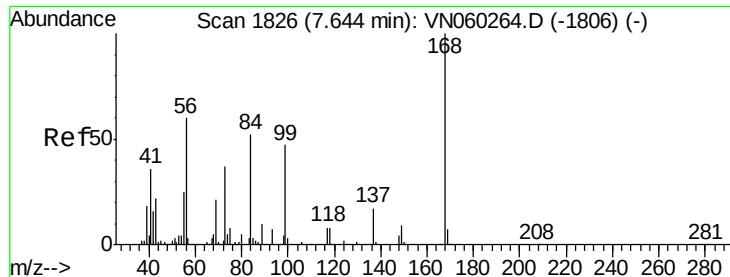
Instrument :
 MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060408.D

Acq: 10 Mar 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

VN0310WBS01

Tot Ion:168 Resp: 215339

Ion Ratio Lower Upper

168 100

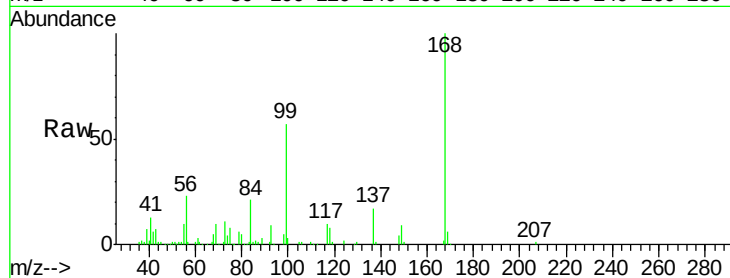
99 56.6 44.7 67.1

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

7.64

80000

60000

40000

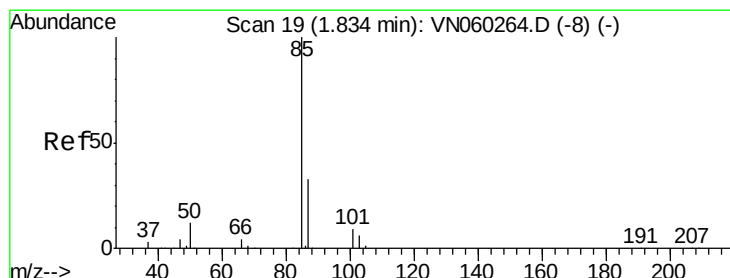
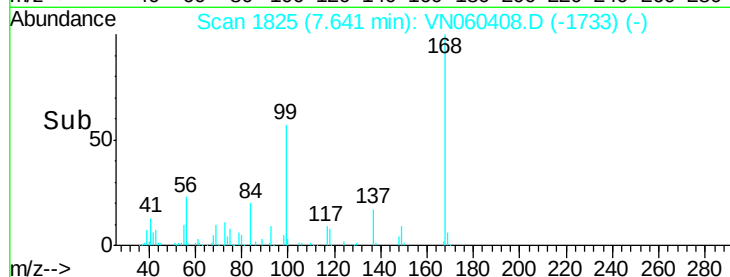
20000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 14.861 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN060408.D

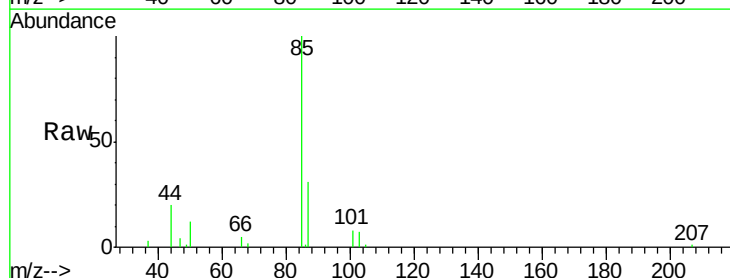
Acq: 10 Mar 2020 11:48

Tgt Ion: 85 Resp: 29341

Ion Ratio Lower Upper

85 100

87 30.7 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

25000

20000

15000

10000

5000

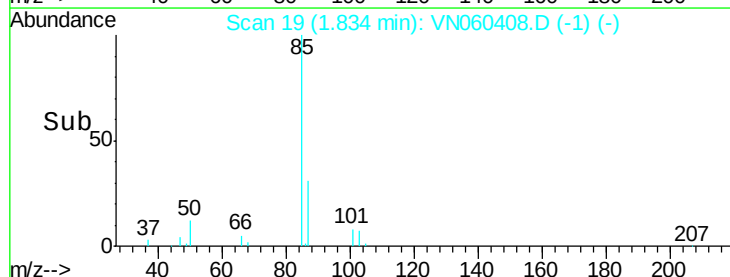
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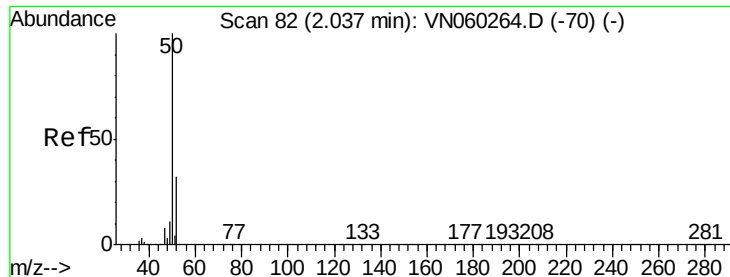
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 16.090 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060408.D

Acq: 10 Mar 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

VN0310WBS01

Tot Ion: 50 Resp: 55306

Ion Ratio Lower Upper

50 100

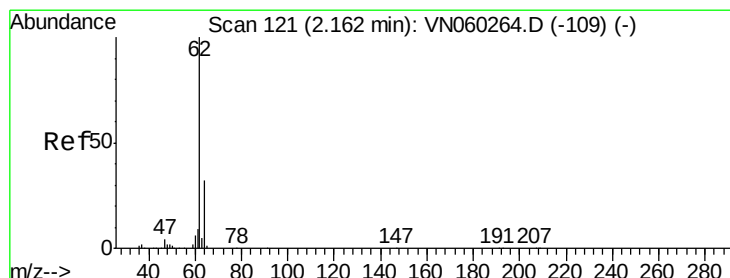
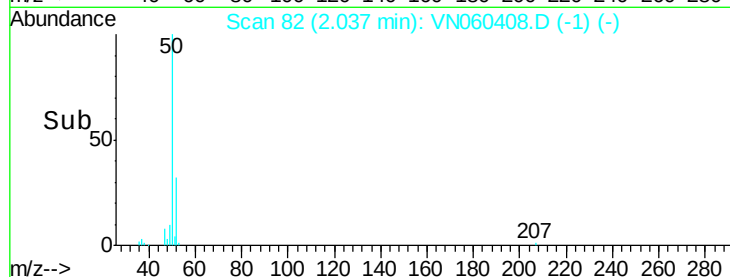
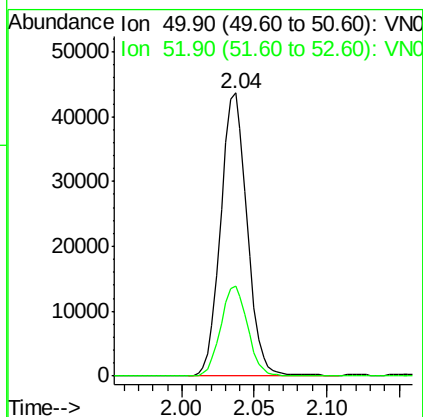
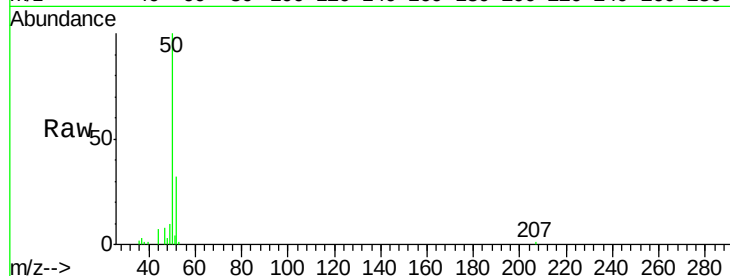
52 31.7 25.6 38.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 15.160 ug/l

RT: 2.16 min Scan# 121

Delta R.T. -0.00 min

Lab File: VN060408.D

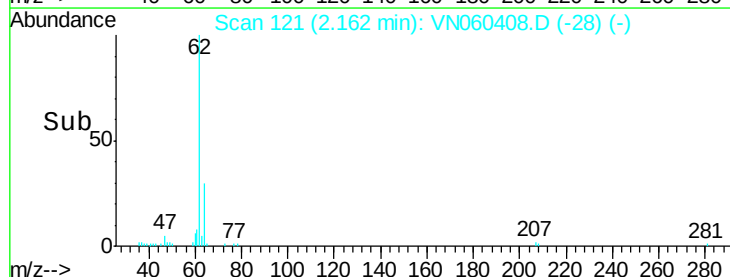
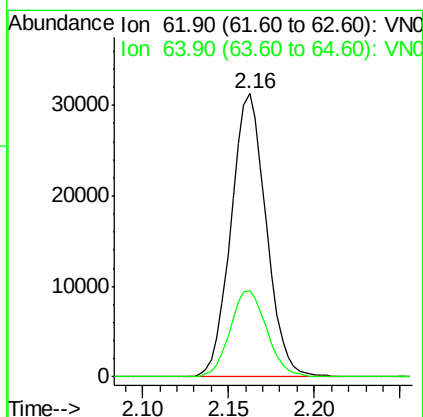
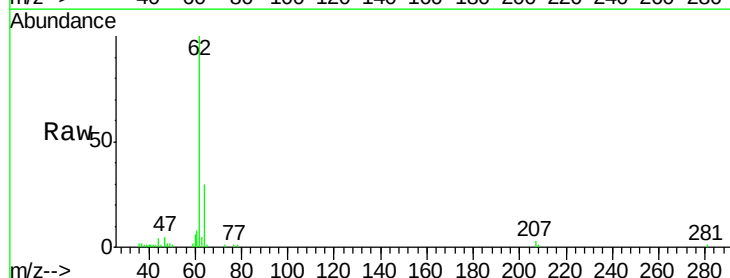
Acq: 10 Mar 2020 11:48

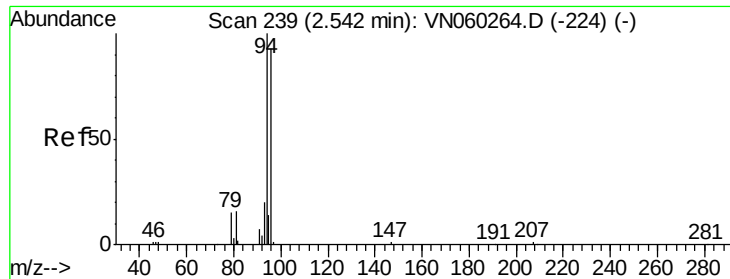
Tgt Ion: 62 Resp: 44691

Ion Ratio Lower Upper

62 100

64 30.3 25.5 38.3





#5

Bromomethane

Concen: 13.210 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.00 min

Lab File: VN060408.D

Acq: 10 Mar 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

VN0310WBS01

Tot Ion: 94 Resp: 17773

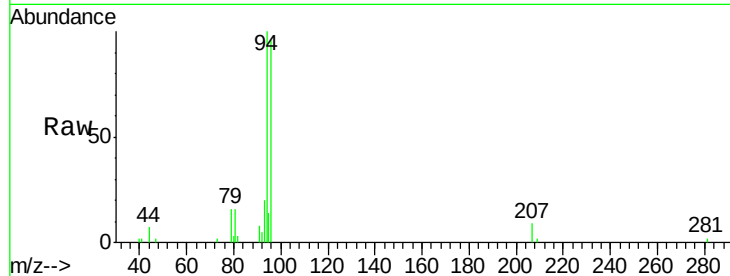
Ion Ratio Lower Upper

94 100

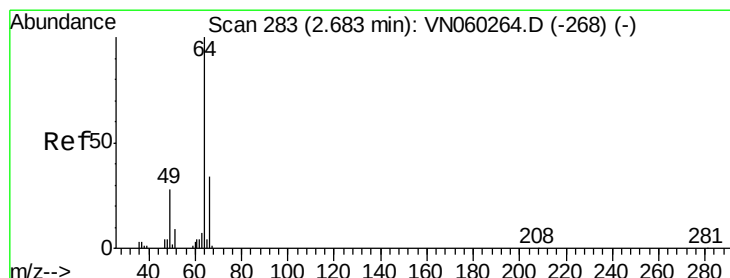
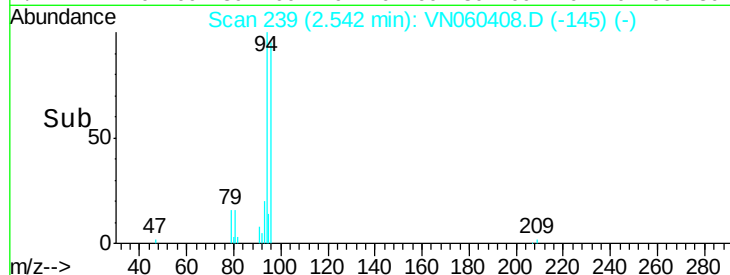
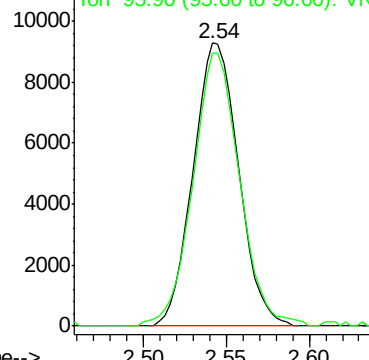
96 94.4 74.3 111.5

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Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 15.912 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN060408.D

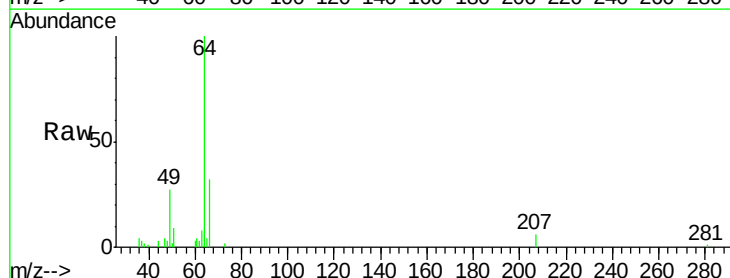
Acq: 10 Mar 2020 11:48

Tgt Ion: 64 Resp: 25415

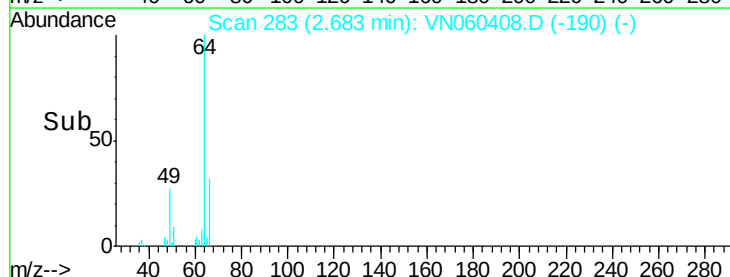
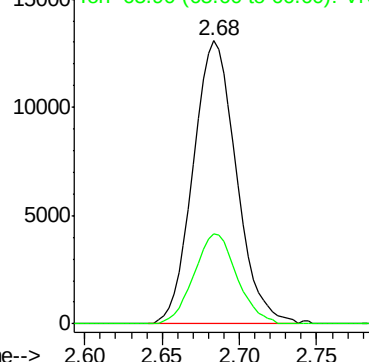
Ion Ratio Lower Upper

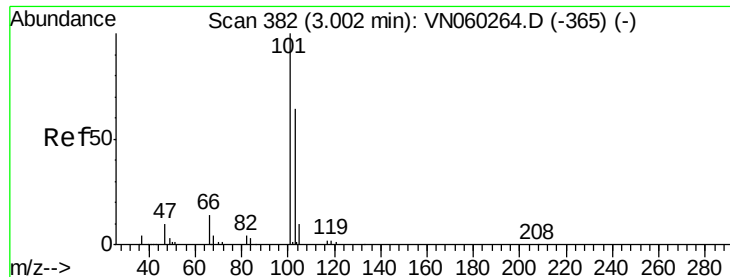
64 100

66 31.8 27.4 41.2



Abundance Ion 63.90 (63.60 to 64.60): VNO
Ion 65.90 (65.60 to 66.60): VNO





#7

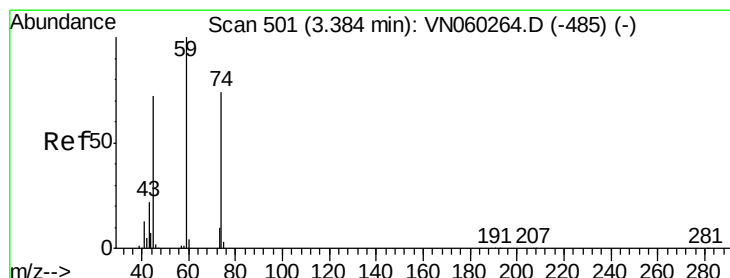
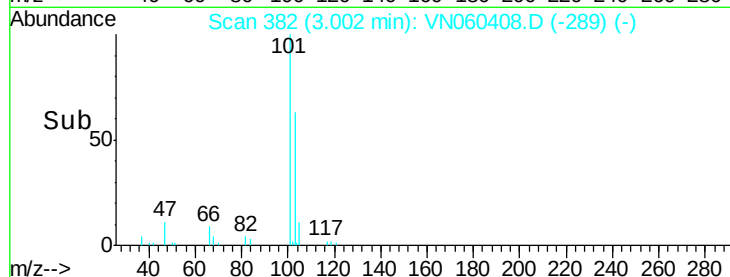
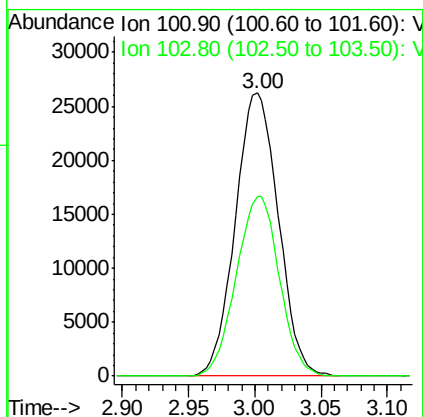
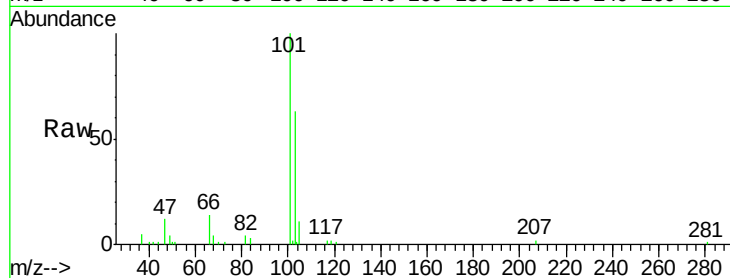
Trichlorofluoromethane
Concen: 15.724 ug/l
RT: 3.00 min Scan# 382
Delta R.T. -0.00 min
Lab File: VN060408.D
Acq: 10 Mar 2020 11:48

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		59223		
103	63.4	51.3	76.9		

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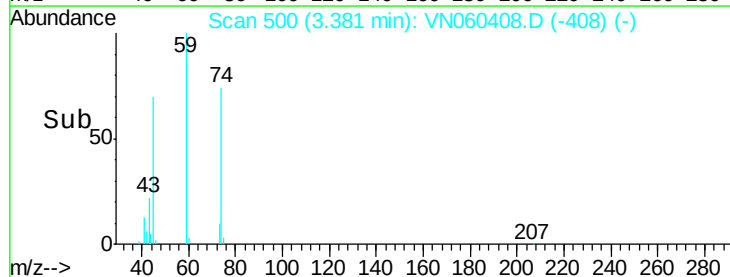
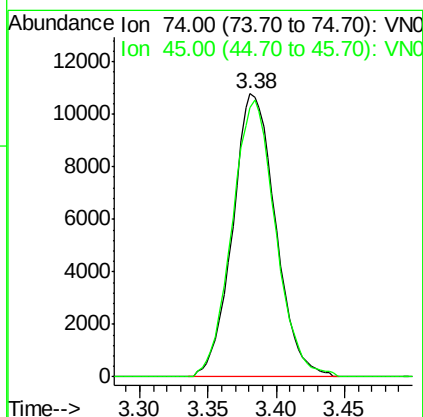
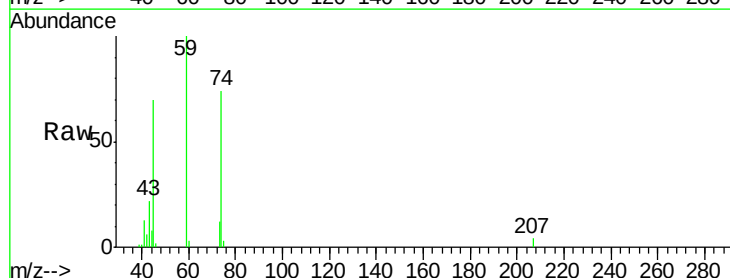
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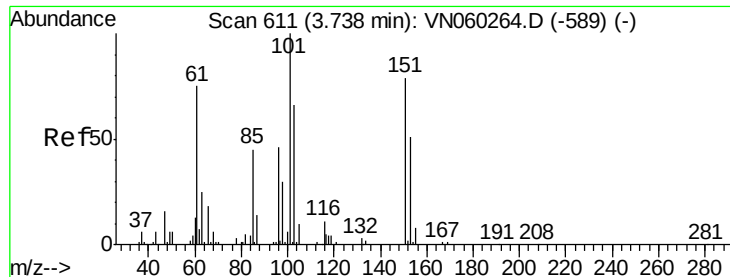


#8

Diethyl Ether
Concen: 16.539 ug/l
RT: 3.38 min Scan# 500
Delta R.T. -0.00 min
Lab File: VN060408.D
Acq: 10 Mar 2020 11:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		23519		
45	99.2	49.5	148.7		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.484 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN060408.D

Acq: 10 Mar 2020 11:48

Instrument :

MSVOA_N

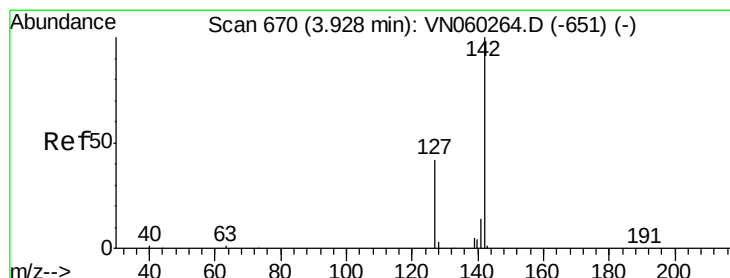
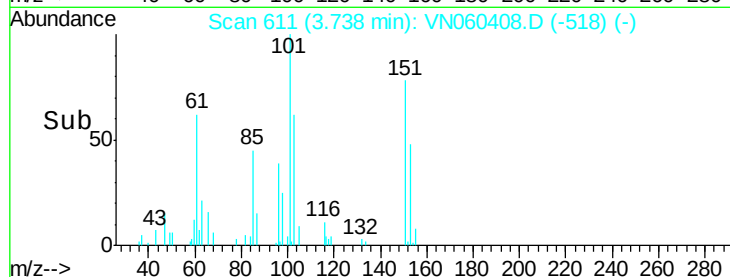
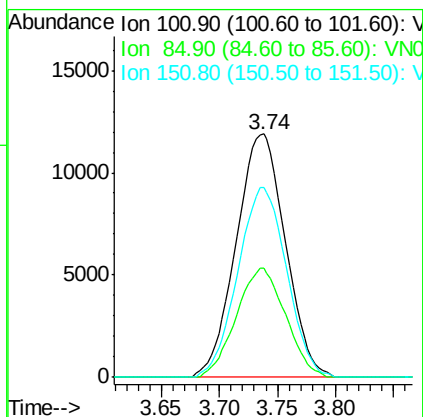
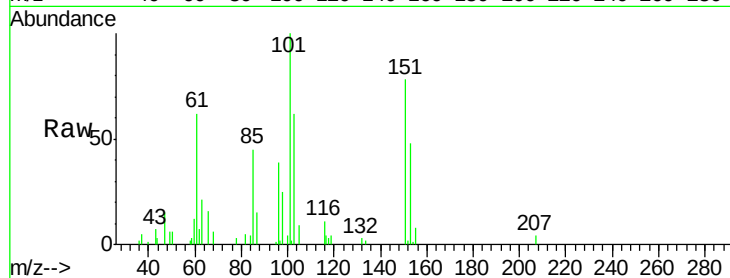
ClientSampleId :

VN0310WBS01

Tot Ion:	101	Resp:	35136
Ion Ratio	Lower	Upper	
101	100		
85	44.8	35.4	53.2
151	77.3	62.0	93.0

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#10

Methyl Iodide

Concen: 13.887 ug/l

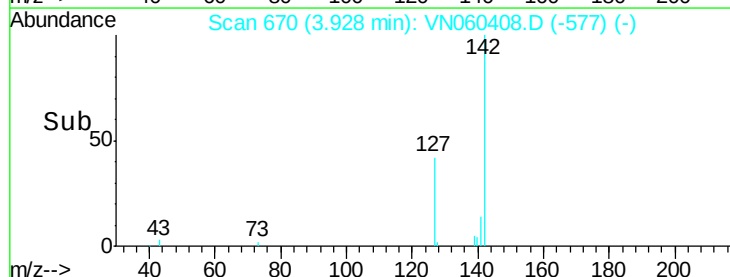
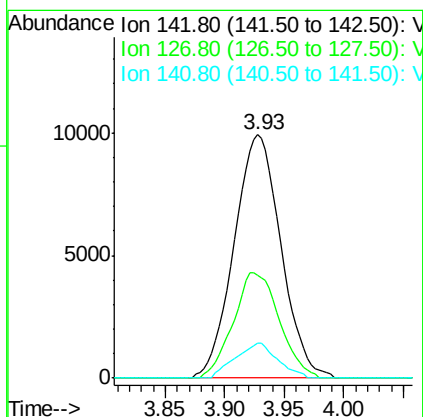
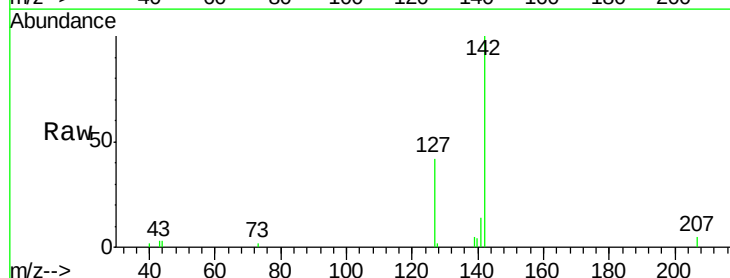
RT: 3.93 min Scan# 670

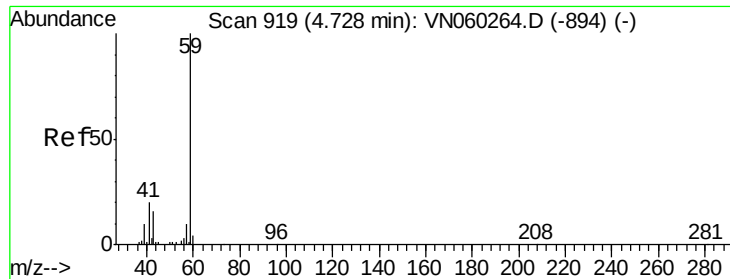
Delta R.T. -0.00 min

Lab File: VN060408.D

Acq: 10 Mar 2020 11:48

Tgt Ion:	142	Resp:	27015
Ion Ratio	Lower	Upper	
142	100		
127	42.6	33.8	50.6
141	12.9	11.1	16.7





#11

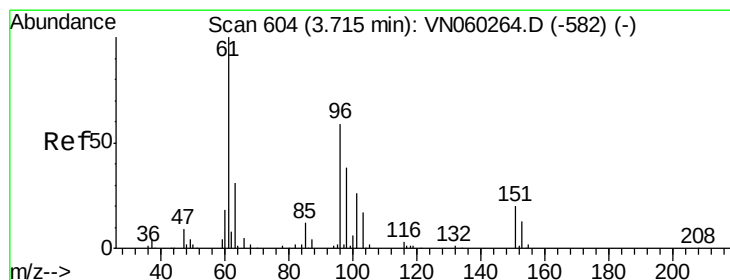
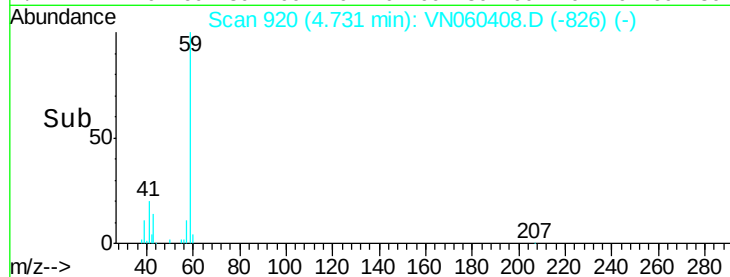
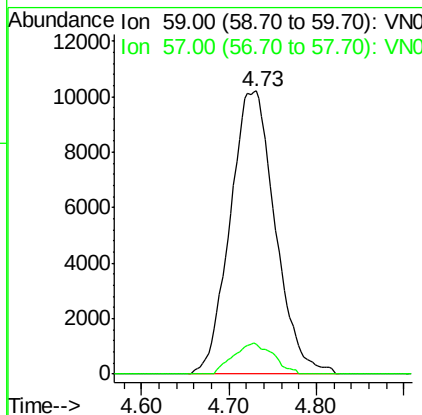
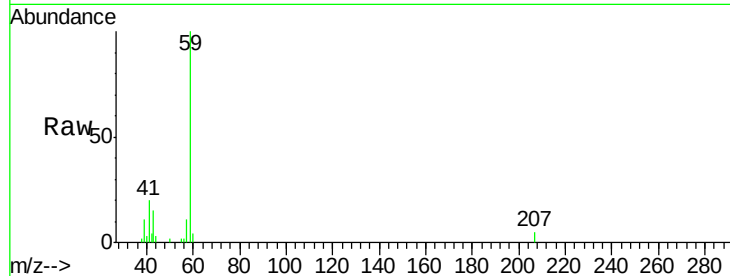
Tert butyl alcohol
 Concen: 88.786 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VN060408.D
 Acq: 10 Mar 2020 11:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0310WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.2	12.2

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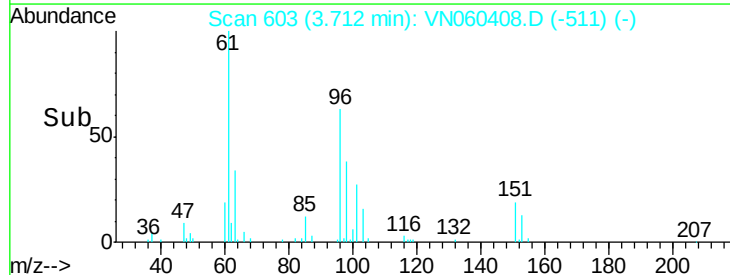
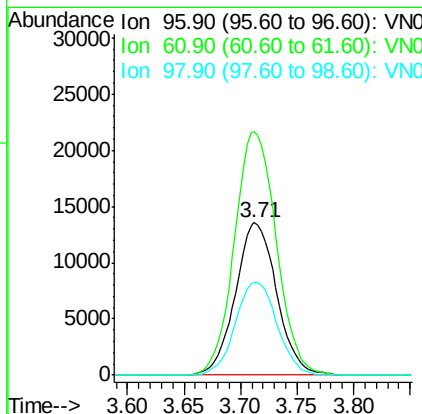
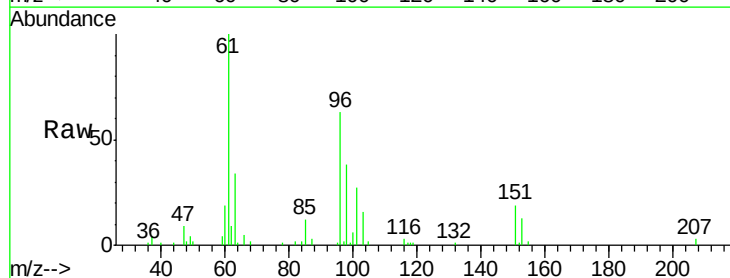
MMDadoda
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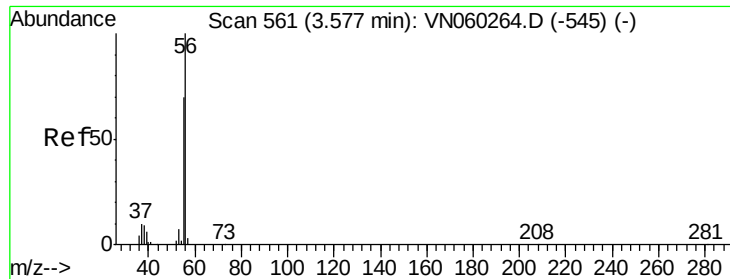


#12

1,1-Dichloroethene
 Concen: 16.576 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VN060408.D
 Acq: 10 Mar 2020 11:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.9	135.4	203.0
98	60.9	51.6	77.4





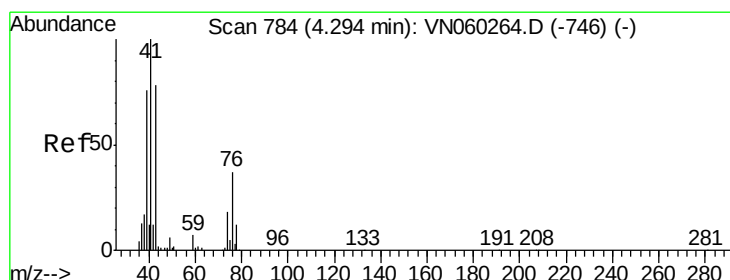
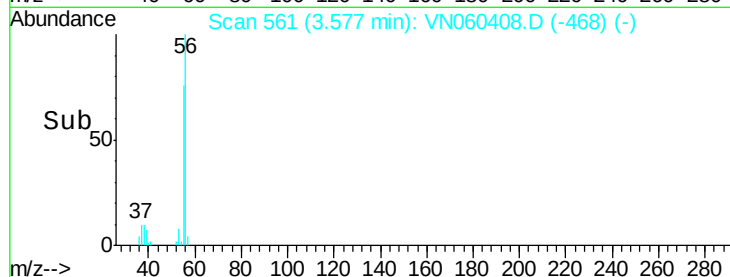
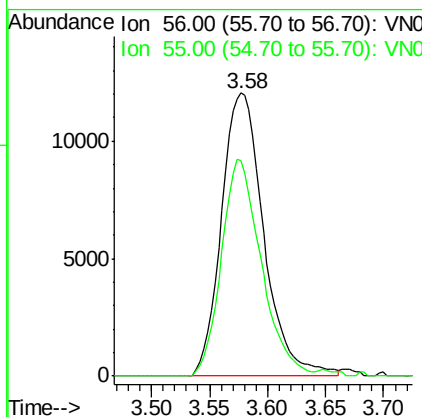
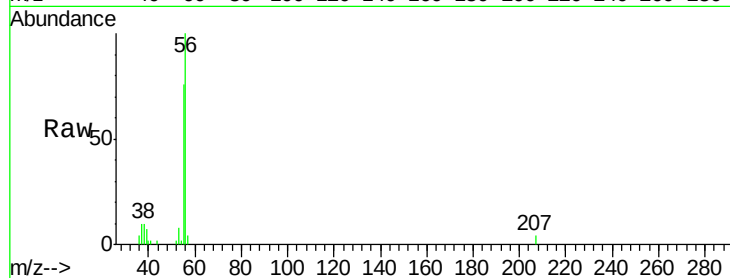
#13
Acrolein
Concen: 79.598 ug/l
RT: 3.58 min Scan# 561
Delta R.T. -0.00 min
Lab File: VN060408.D
Acq: 10 Mar 2020 11:48

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS01

Tot Ion	56	Resp	30464
Ion Ratio	100	Lower	Upper
55	71.9	57.4	86.0

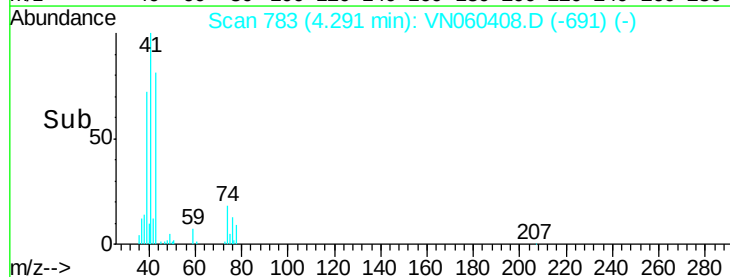
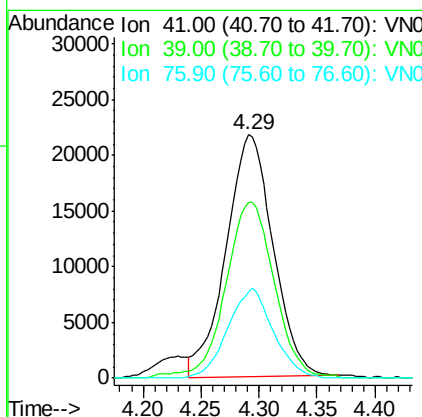
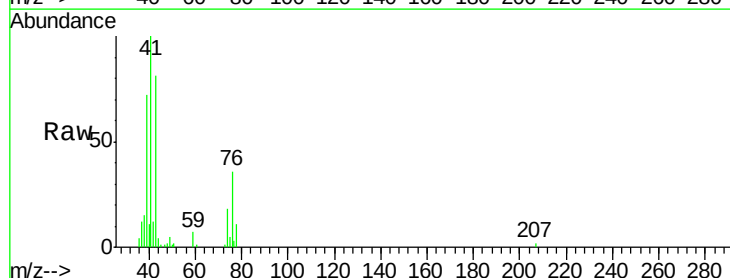
Manual Integrations
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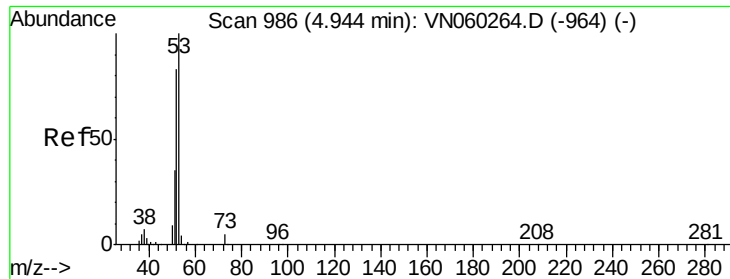
MMDadoda
3/11/2020 3:23:09 PM



#14
Allyl chloride
Concen: 15.999 ug/l
RT: 4.29 min Scan# 783
Delta R.T. -0.00 min
Lab File: VN060408.D
Acq: 10 Mar 2020 11:48

Tgt Ion	41	Resp	61028
Ion Ratio	100	Lower	Upper
39	75.6	55.4	83.2
76	35.8	27.0	40.6





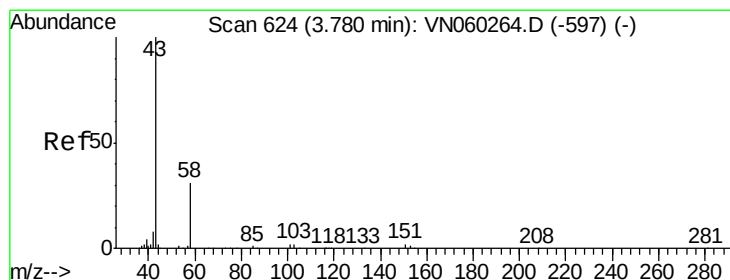
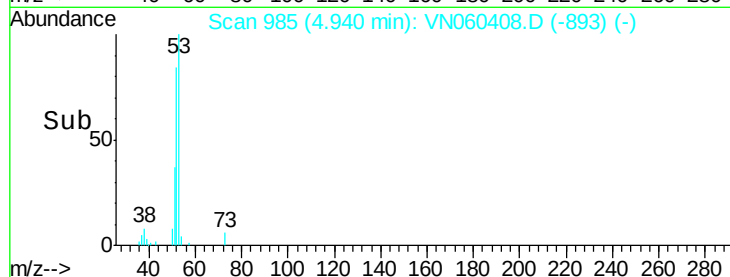
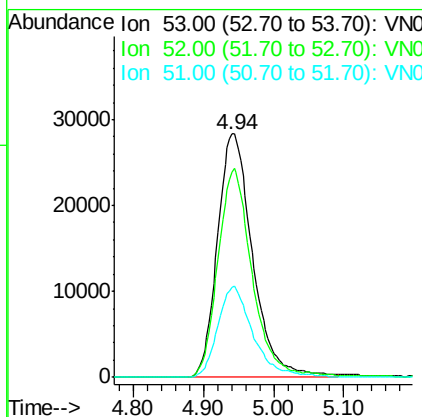
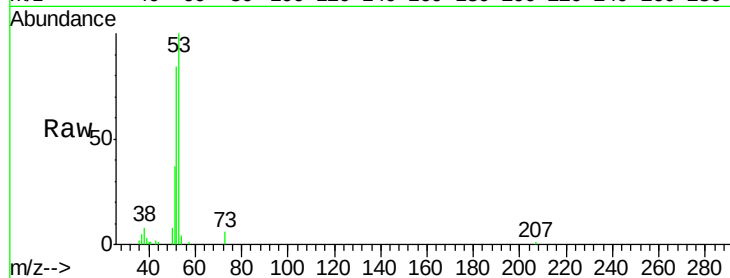
#15
 Acrylonitrile
 Concen: 91.248 ug/l
 RT: 4.94 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: VN060408.D
 Acq: 10 Mar 2020 11:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0310WBS01

Tot Ion:	53	Resp:	98669
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.8	100.2
51	37.4	29.0	43.6

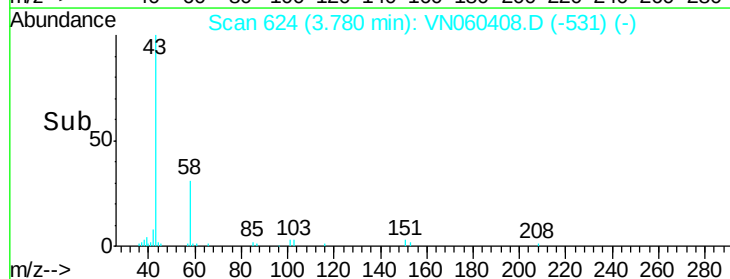
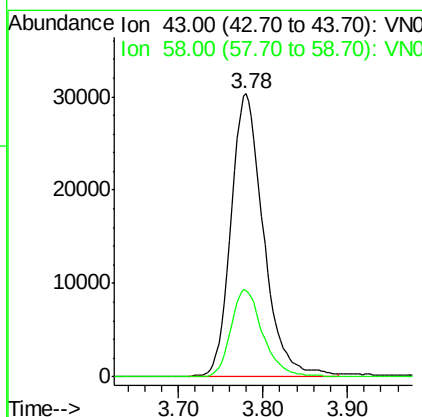
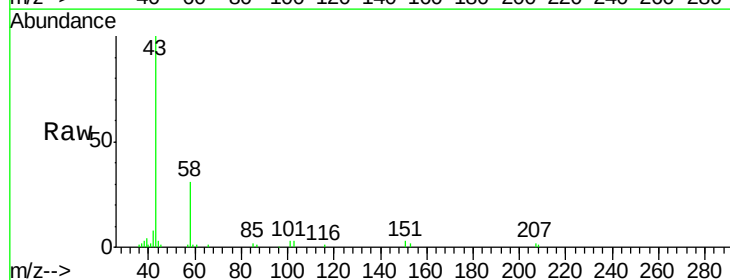
Manual Integrations
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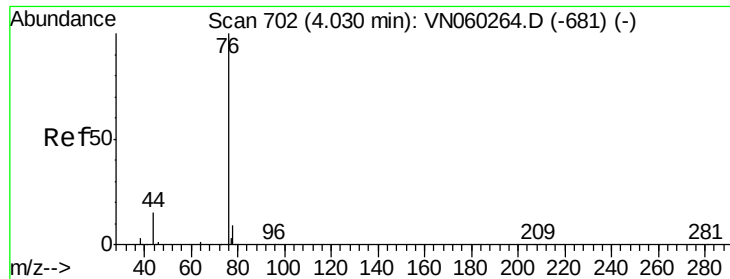
MMDadoda
 3/11/2020 3:23:09 PM



#16
 Acetone
 Concen: 91.382 ug/l
 RT: 3.78 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: VN060408.D
 Acq: 10 Mar 2020 11:48

Tgt Ion:	43	Resp:	81531
Ion	Ratio	Lower	Upper
43	100		
58	30.6	24.6	36.8





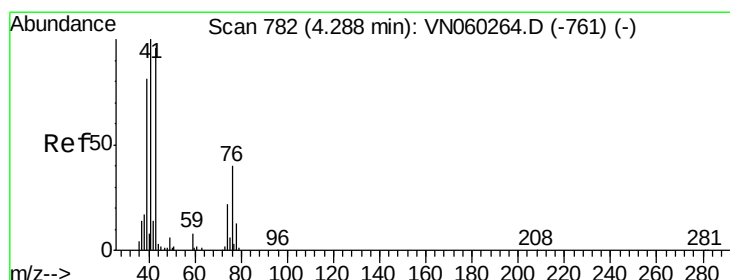
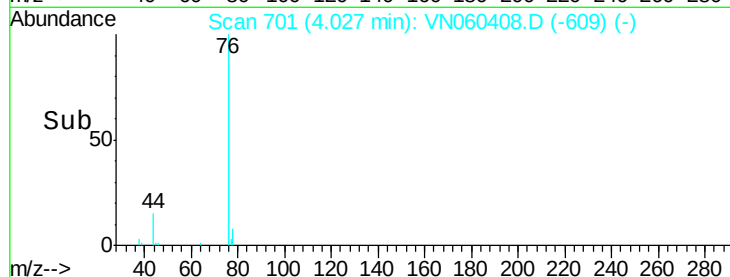
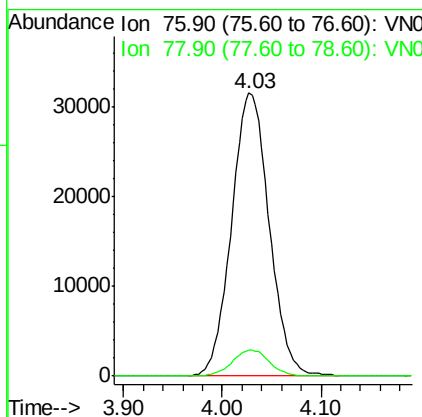
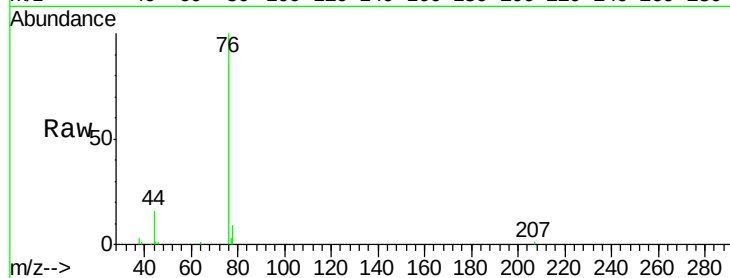
#17
Carbon Disulfide
Concen: 14.722 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN060408.D
Acq: 10 Mar 2020 11:48

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0

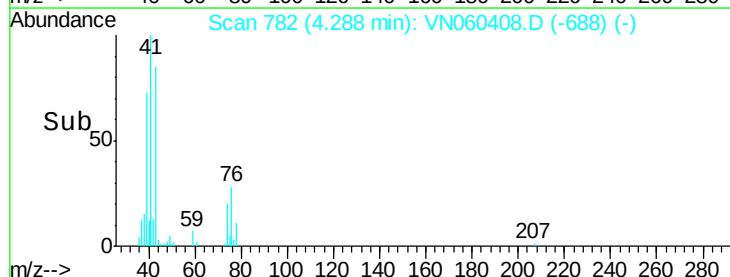
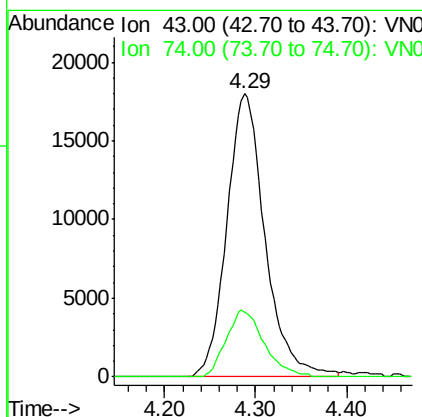
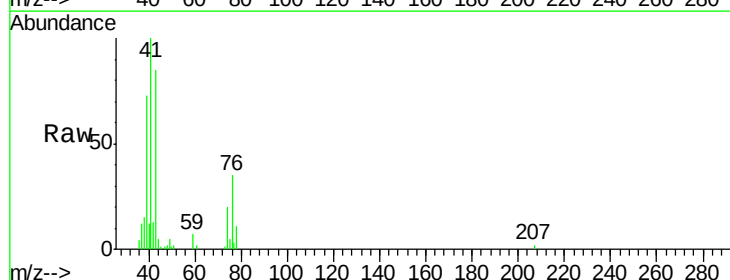
Manual Integrations
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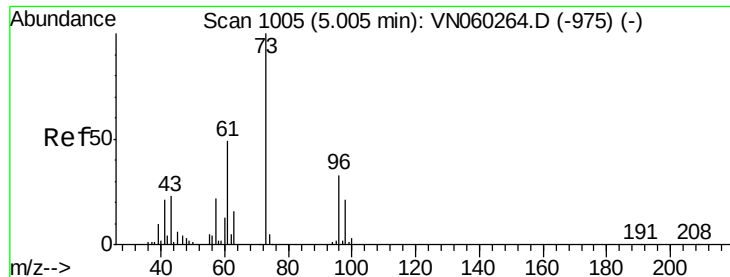
MMDadoda
3/11/2020 3:23:09 PM



#18
Methyl Acetate
Concen: 17.611 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.00 min
Lab File: VN060408.D
Acq: 10 Mar 2020 11:48

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	18.8	28.2





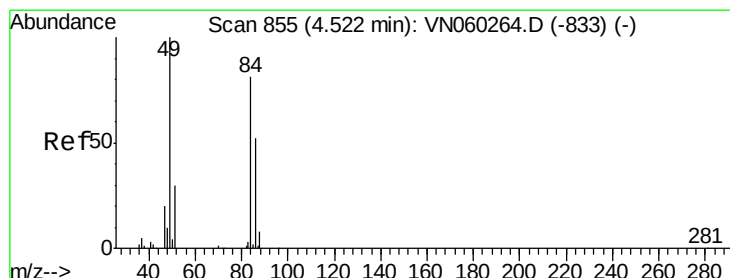
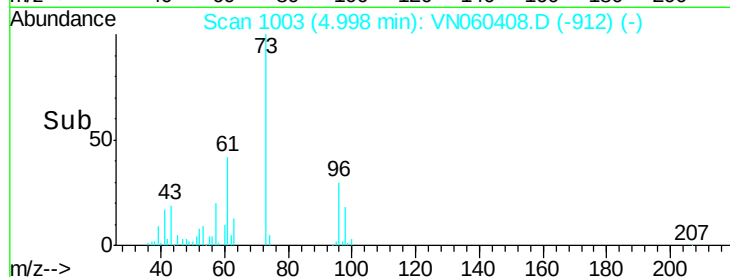
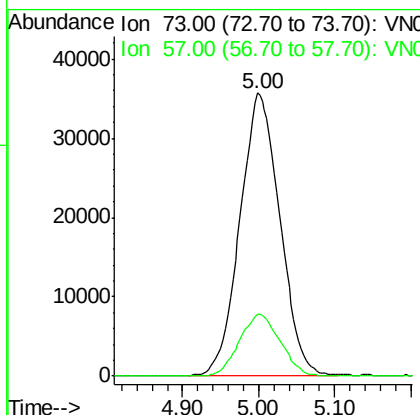
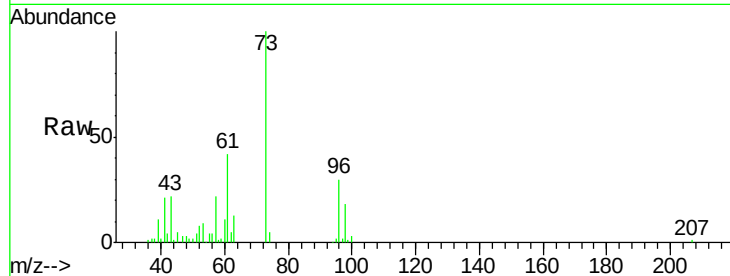
#19
Methyl tert-butyl Ether
Concen: 17.376 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. -0.01 min
Lab File: VN060408.D
Acq: 10 Mar 2020 11:48

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.3	25.9

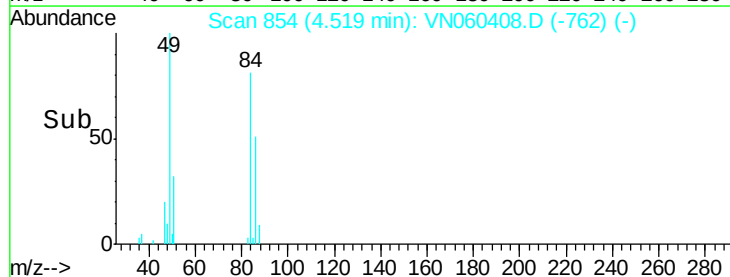
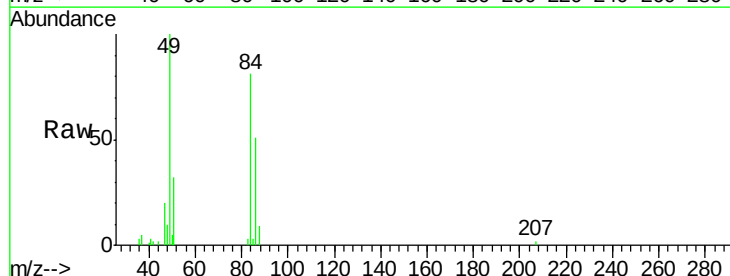
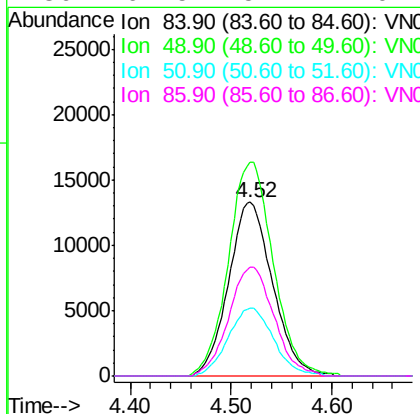
Manual Integrations
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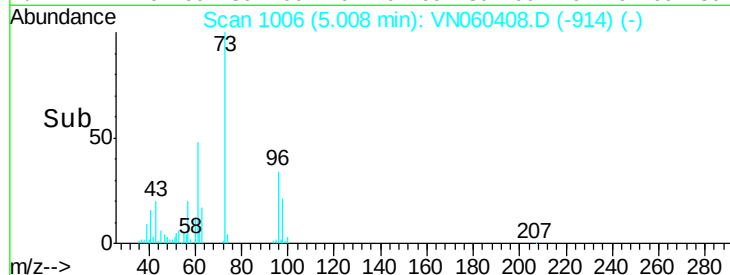
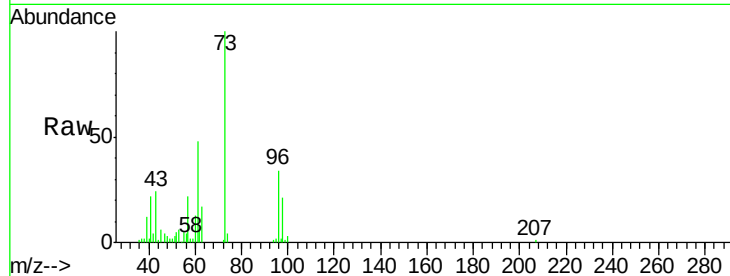
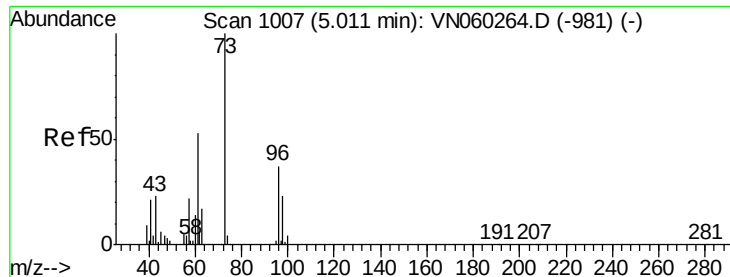
MMDadoda
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#20
Methylene Chloride
Concen: 16.461 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060408.D
Acq: 10 Mar 2020 11:48

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.8	99.3	148.9
51	38.9	30.1	45.1
86	62.5	51.1	76.7





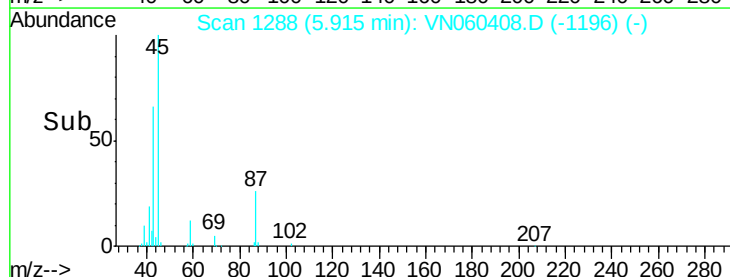
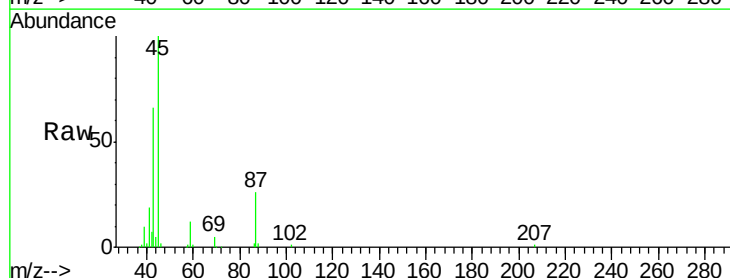
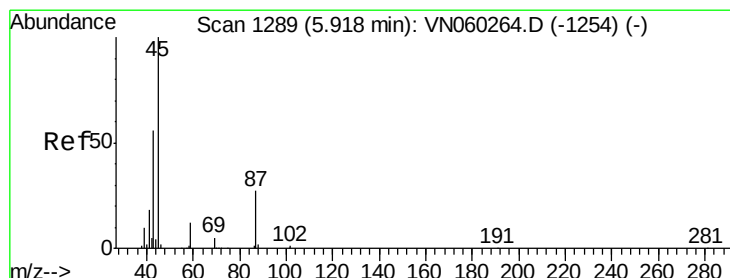
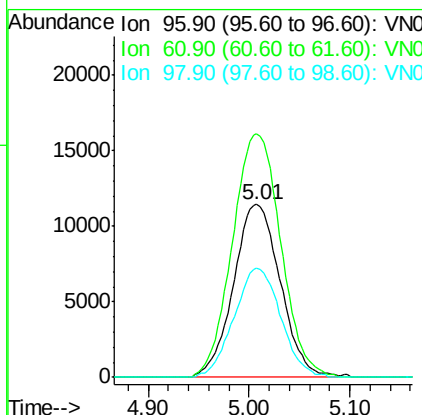
#21
trans-1,2-Dichloroethene
Concen: 16.344 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN060408.D
Acq: 10 Mar 2020 11:48

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.8	113.8	170.8
98	63.2	48.8	73.2

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS01

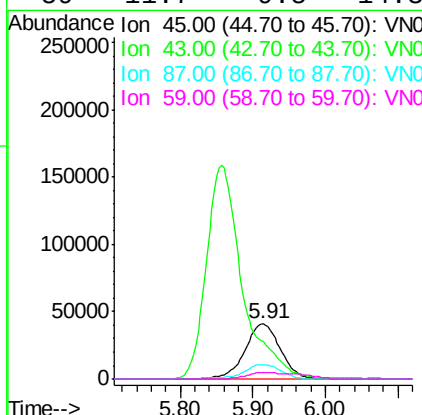
Manual Integrations
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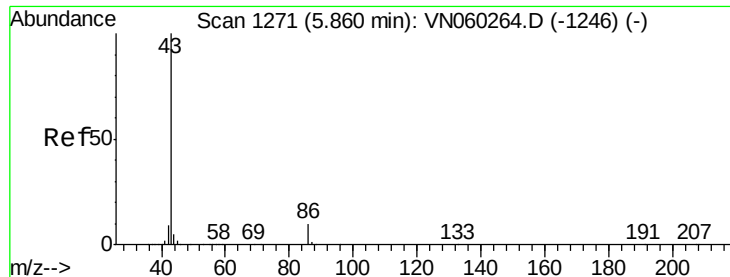
MMDadoda
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#22
Diisopropyl ether
Concen: 17.978 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VN060408.D
Acq: 10 Mar 2020 11:48

Tgt Ion	Ratio	Lower	Upper
45	100		
43	64.4	48.6	72.8
87	26.5	22.2	33.2
59	11.7	9.5	14.3





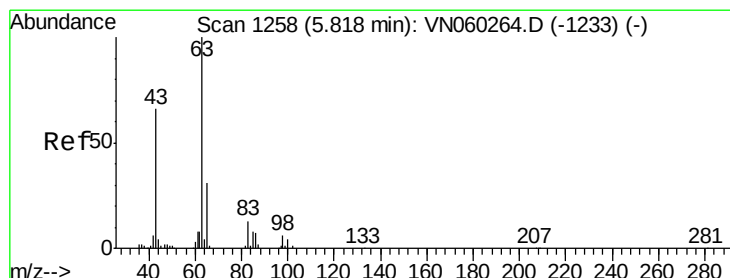
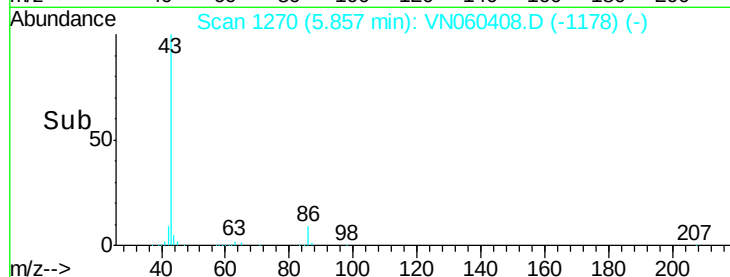
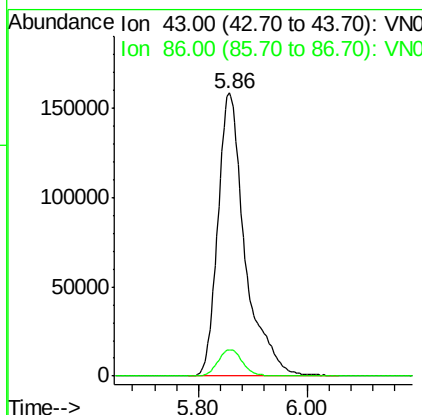
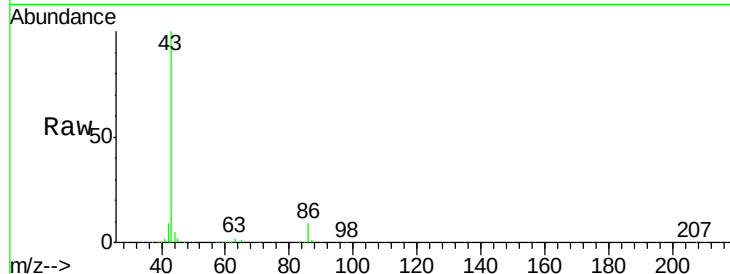
#23
Vinyl Acetate
Concen: 89.308 ug/l
RT: 5.86 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VN060408.D
Acq: 10 Mar 2020 11:48

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS01

Tot Ion	Ratio	Resp	Lower	Upper
43	100	548327		
86	9.4		8.0	12.0

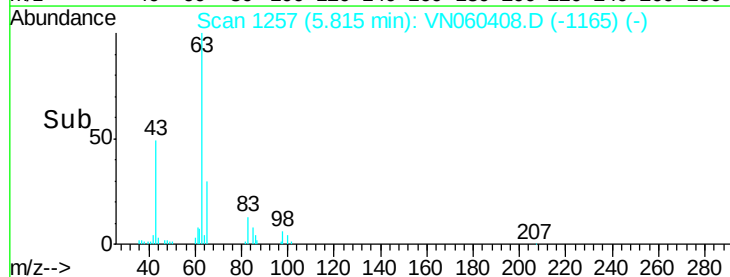
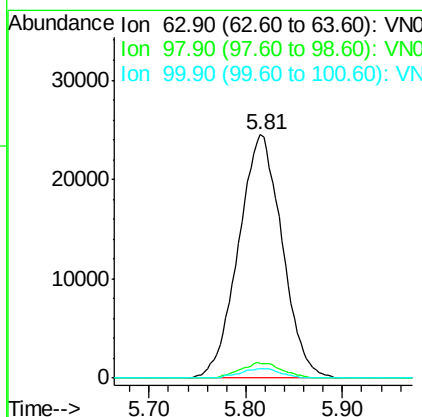
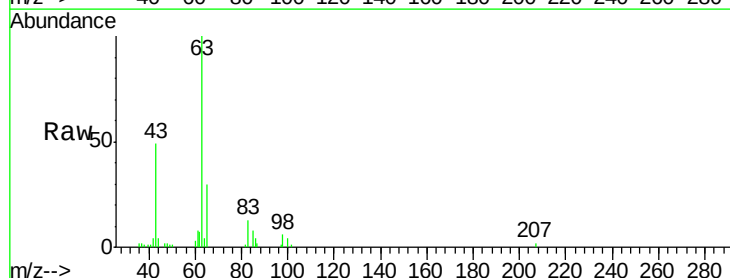
Manual Integrations
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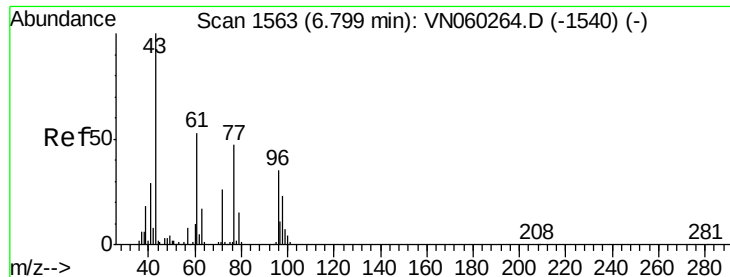
MMDadoda
3/11/2020 3:23:09 PM



#24
1,1-Dichloroethane
Concen: 17.555 ug/l
RT: 5.81 min Scan# 1257
Delta R.T. -0.00 min
Lab File: VN060408.D
Acq: 10 Mar 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	76780		
98	5.9		3.0	9.0
100	3.8		2.0	6.0





#25

2-Butanone

Concen: 94.154 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060408.D

Acq: 10 Mar 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

VN0310WBS01

Tot Ion: 43 Resp: 135687

Ion Ratio Lower Upper

43 100

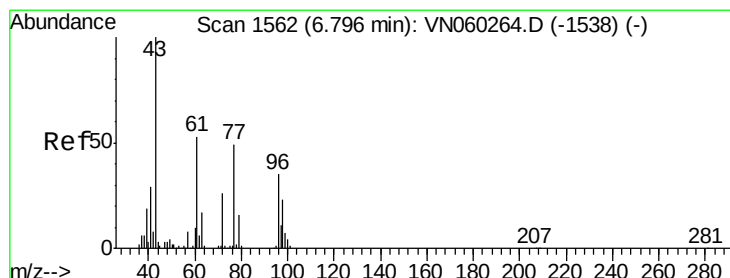
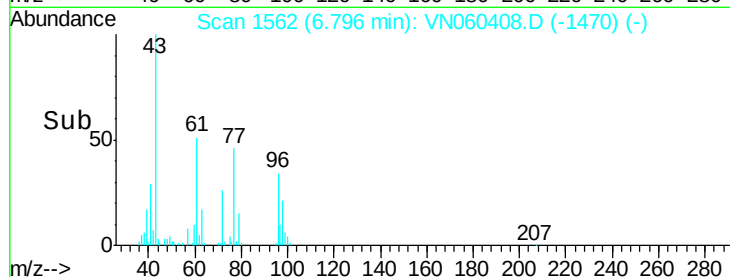
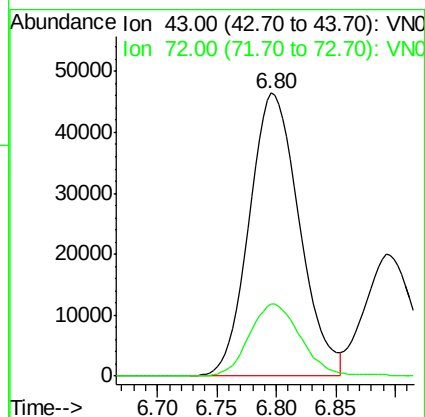
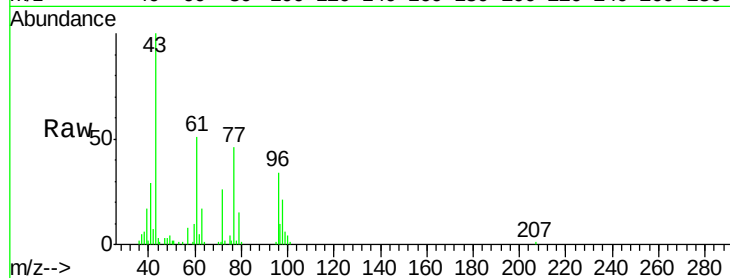
72 25.5 20.9 31.3

Manual Integrations

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MMDadoda

3/11/2020 3:23:09 PM



#26

2,2-Dichloropropane

Concen: 17.336 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060408.D

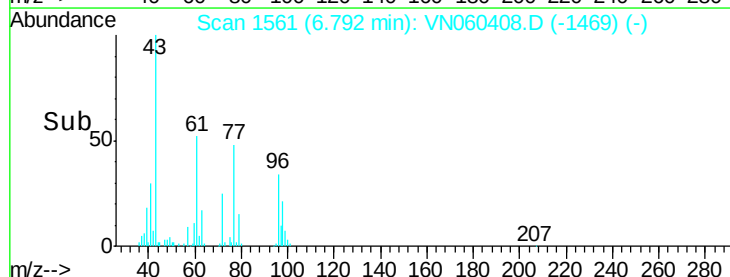
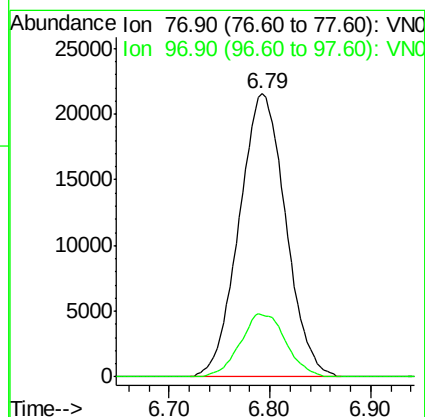
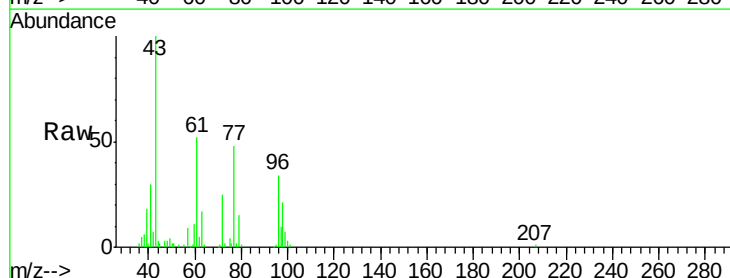
Acq: 10 Mar 2020 11:48

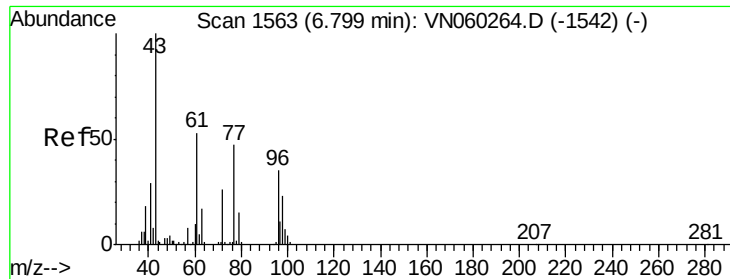
Tgt Ion: 77 Resp: 69028

Ion Ratio Lower Upper

77 100

97 21.9 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 16.345 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060408.D

Acq: 10 Mar 2020 11:48

Instrument :

MSVOA_N

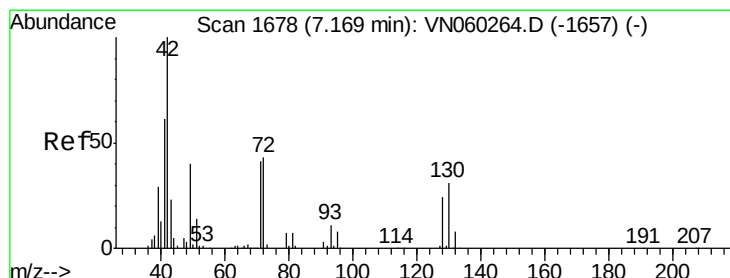
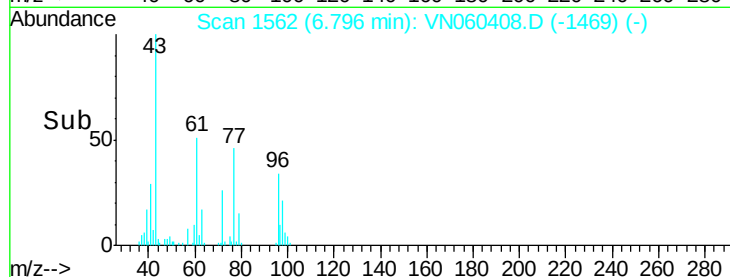
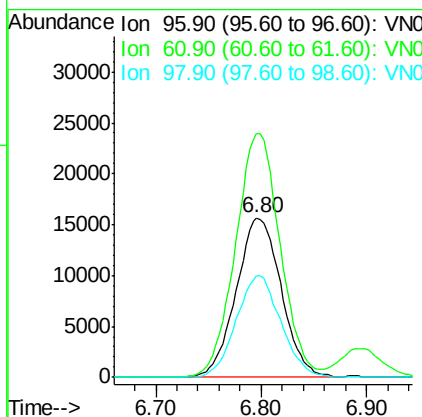
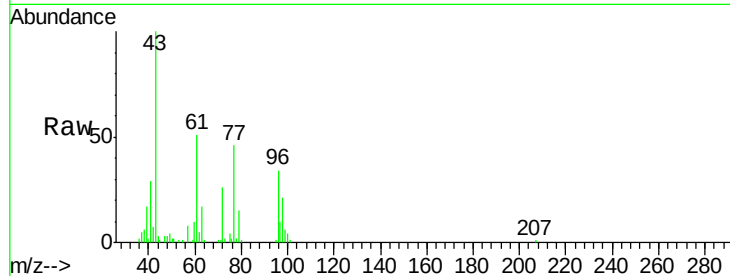
ClientSampleId :

VN0310WBS01

Tot Ion:	96	Resp:	46441
Ion	Ratio	Lower	Upper
96	100		
61	151.6	0.0	300.8
98	63.2	0.0	128.2

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#28

Bromochloromethane

Concen: 16.601 ug/l

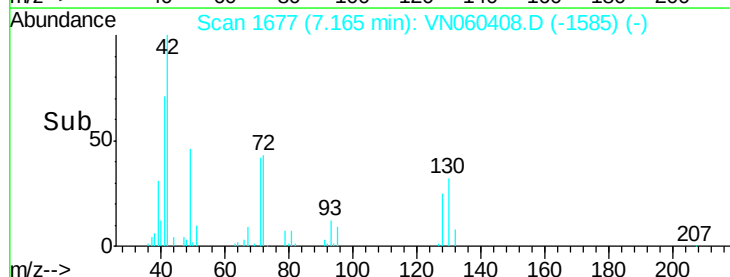
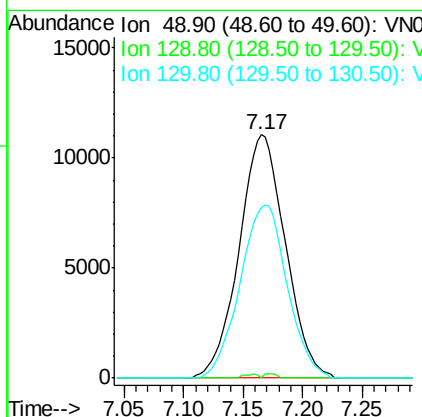
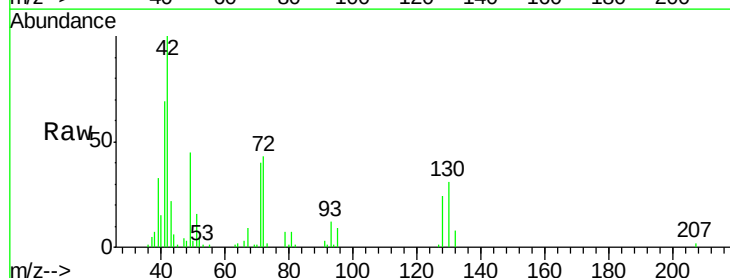
RT: 7.17 min Scan# 1677

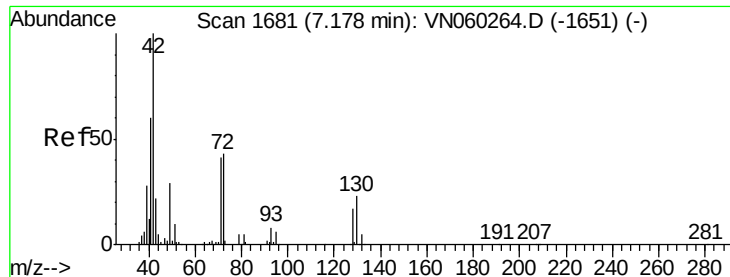
Delta R.T. -0.00 min

Lab File: VN060408.D

Acq: 10 Mar 2020 11:48

Tgt Ion:	49	Resp:	29811
Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	3.8
130	72.3	59.8	89.8





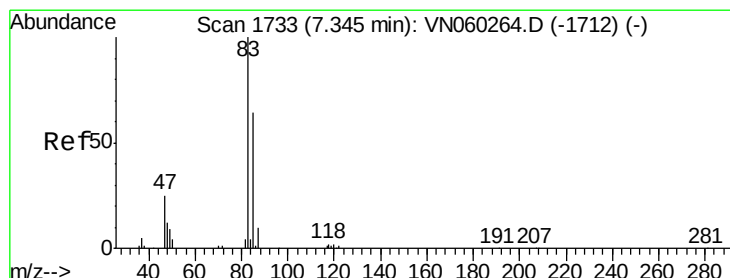
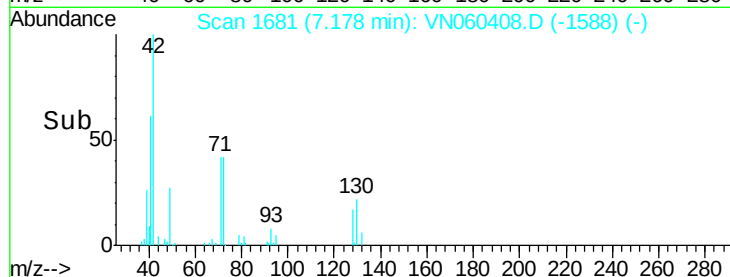
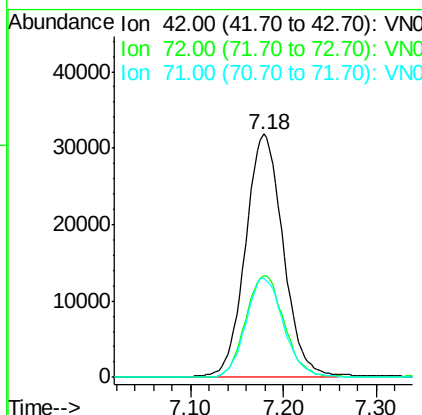
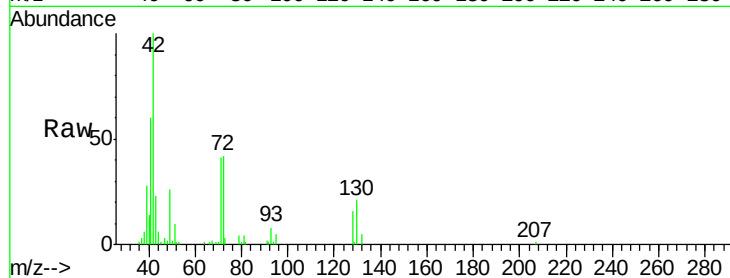
#29
Tetrahydrofuran
Concen: 89.999 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VN060408.D
Acq: 10 Mar 2020 11:48

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.6	34.6	52.0
71	40.6	32.9	49.3

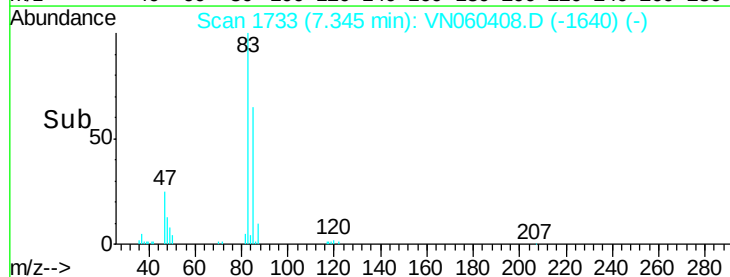
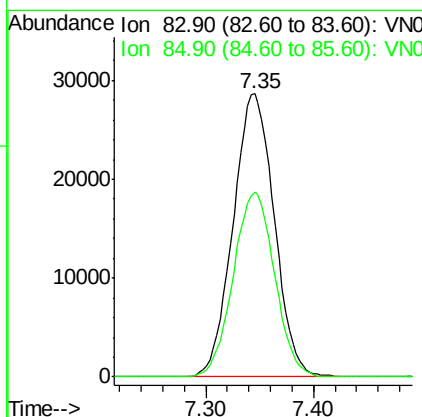
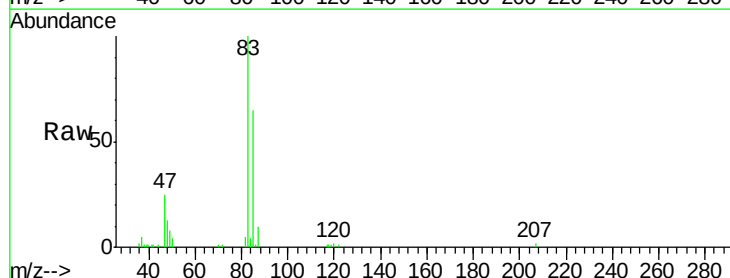
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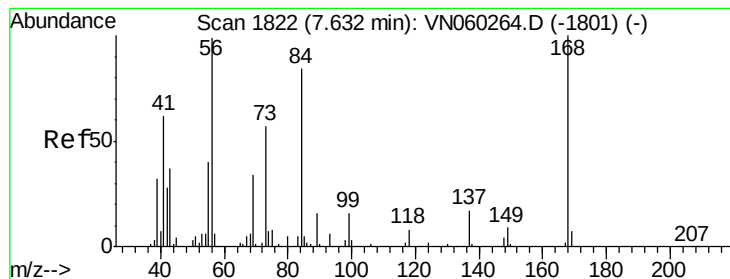
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#30
Chloroform
Concen: 17.429 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN060408.D
Acq: 10 Mar 2020 11:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.4	77.2





#31

Cyclohexane

Concen: 17.081 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN060408.D

Acq: 10 Mar 2020 11:48

Instrument :

MSVOA_N

ClientSampled :

VN0310WBS01

Tot Ion: 56 Resp: 67048

Ion Ratio Lower Upper

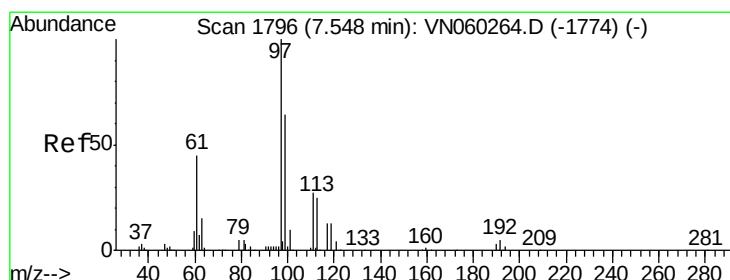
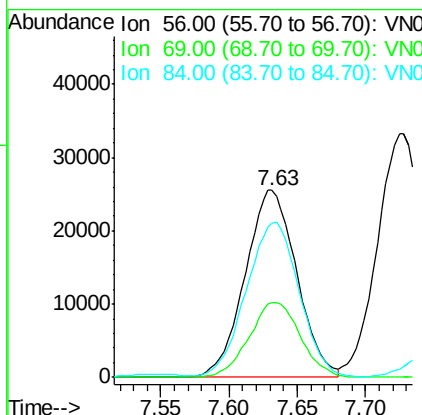
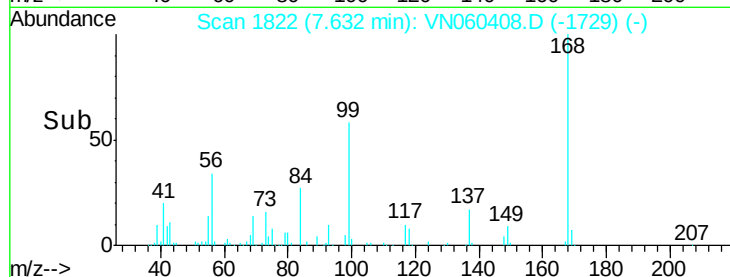
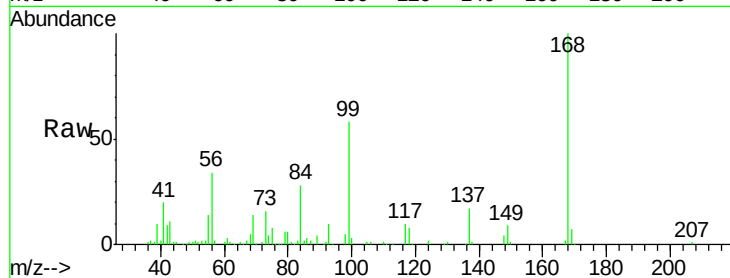
56 100

69 40.2 27.2 40.8

84 81.8 66.7 100.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 17.050 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060408.D

Acq: 10 Mar 2020 11:48

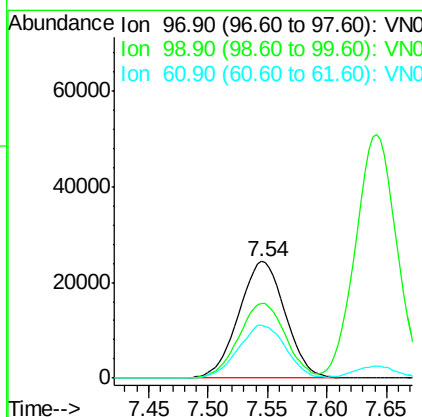
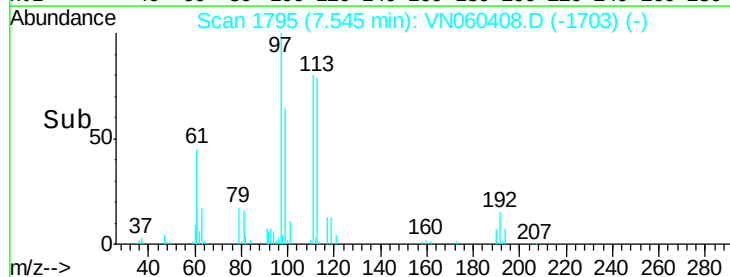
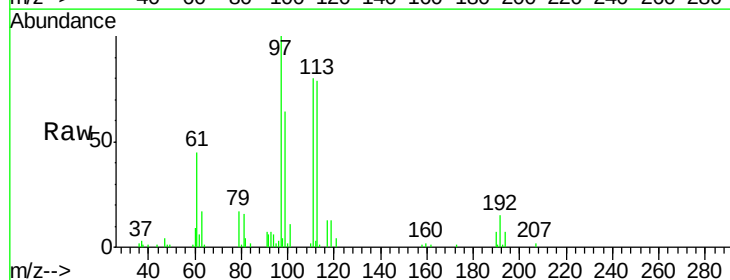
Tgt Ion: 97 Resp: 65772

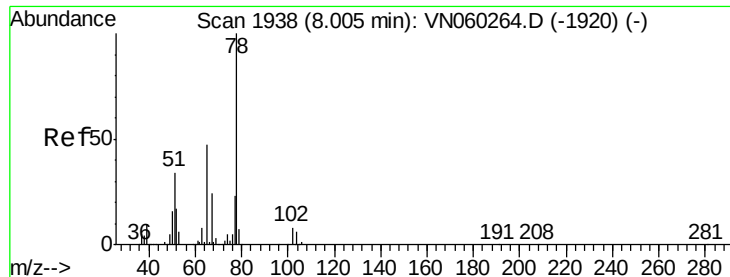
Ion Ratio Lower Upper

97 100

99 65.0 51.4 77.0

61 46.1 36.6 55.0





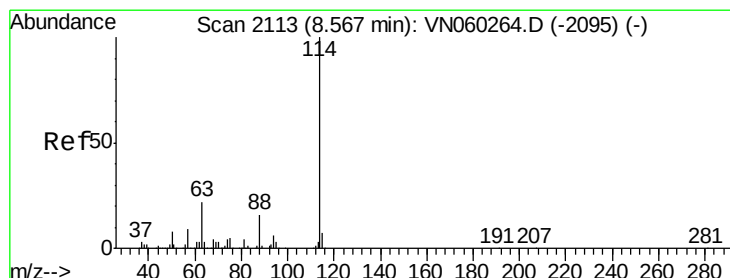
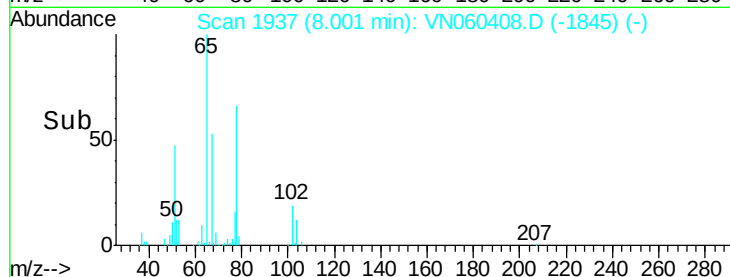
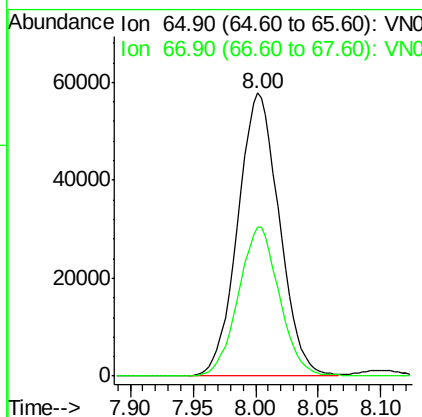
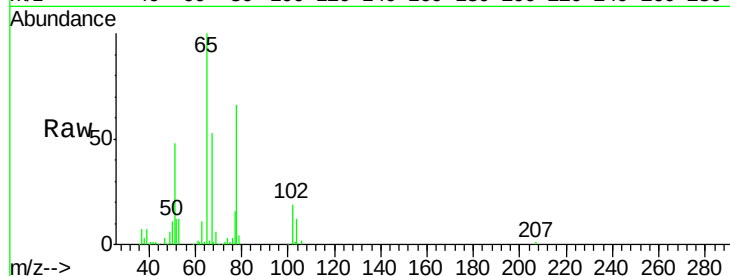
#33
 1,2-Dichloroethane-d4
 Concen: 48.171 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060408.D
 Acq: 10 Mar 2020 11:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0310WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.9	0.0	103.8	

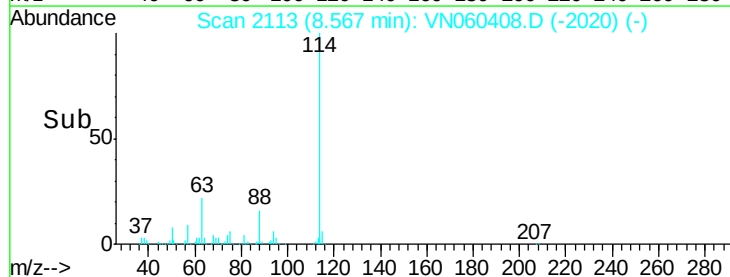
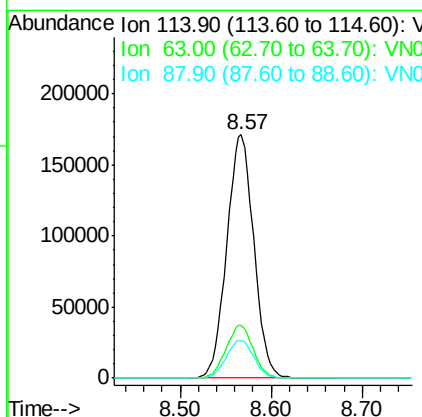
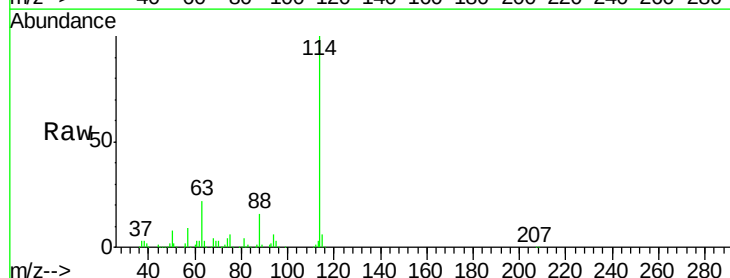
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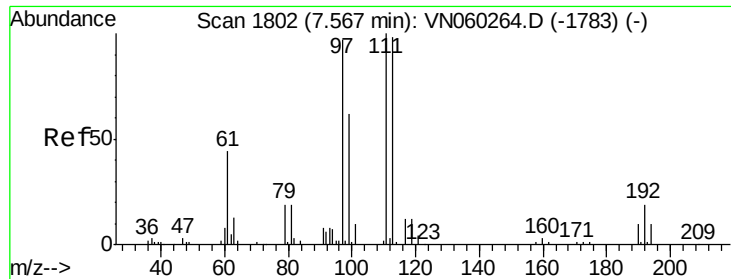
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060408.D
 Acq: 10 Mar 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.6	0.0	43.2	
88	15.6	0.0	31.6	





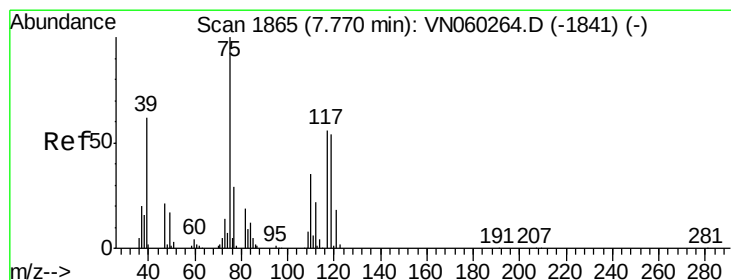
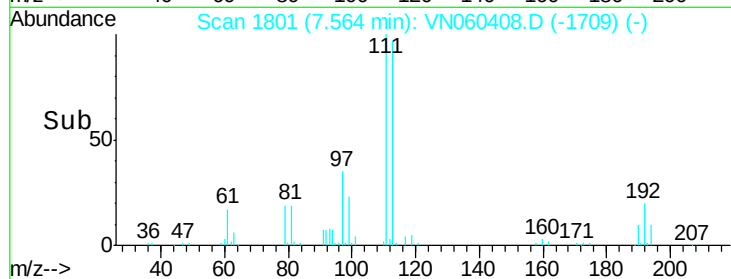
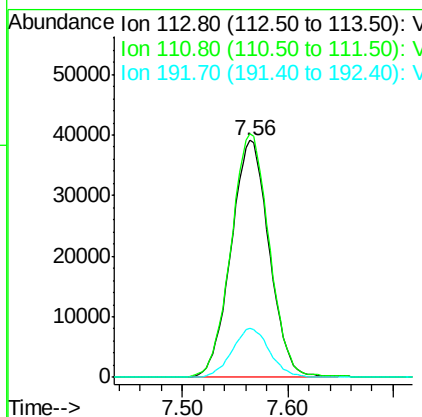
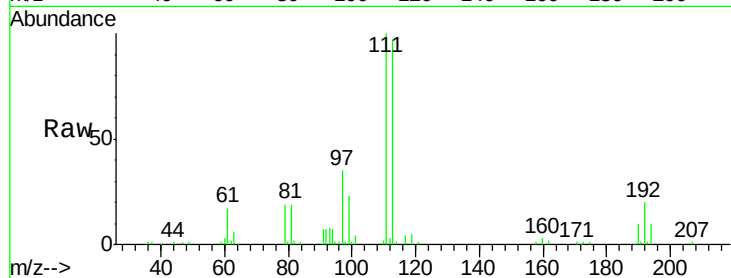
#35
 Dibromofluoromethane
 Concen: 59.787 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060408.D
 Acq: 10 Mar 2020 11:48

Instrument :
 MSVOA_N
 ClientSampled :
 VN0310WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.4	123.6
192	20.2	16.2	24.2

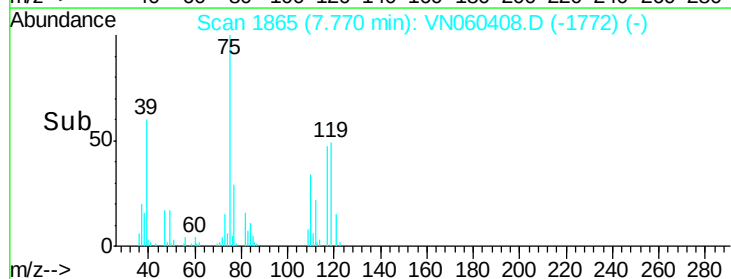
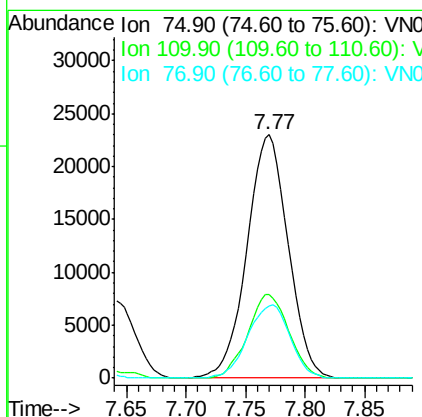
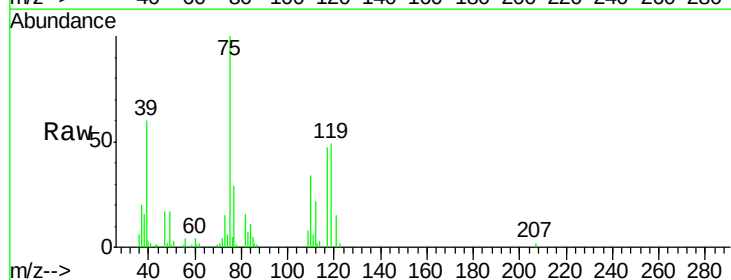
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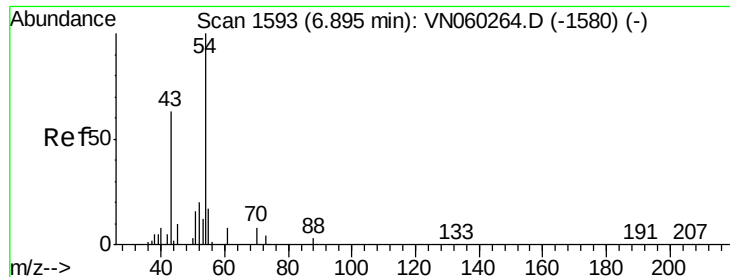
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#36
 1,1-Dichloropropene
 Concen: 16.356 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN060408.D
 Acq: 10 Mar 2020 11:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.2	17.3	52.0
77	30.9	24.2	36.2





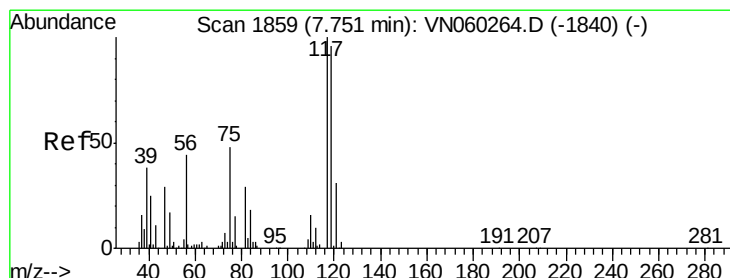
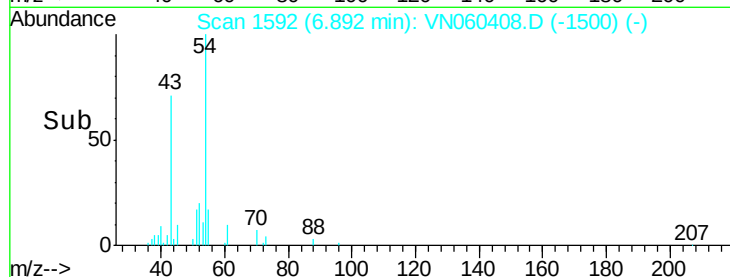
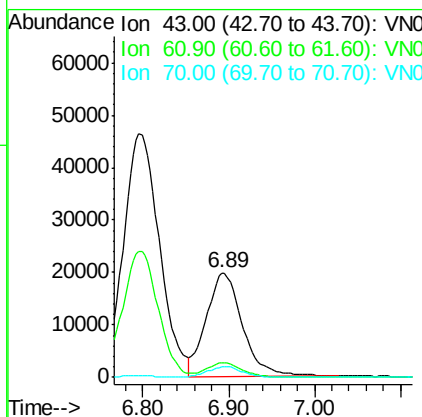
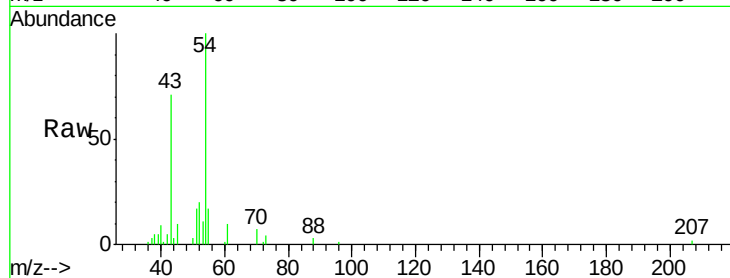
#37
Ethyl Acetate
Concen: 18.357 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060408.D
Acq: 10 Mar 2020 11:48

Instrument :
MSVOA_N
ClientSampled :
VN0310WBS01

Tot Ion	43	61	70
Resp	58583	13.9	9.8
Lower		11.1	8.4
Upper		16.7	12.6

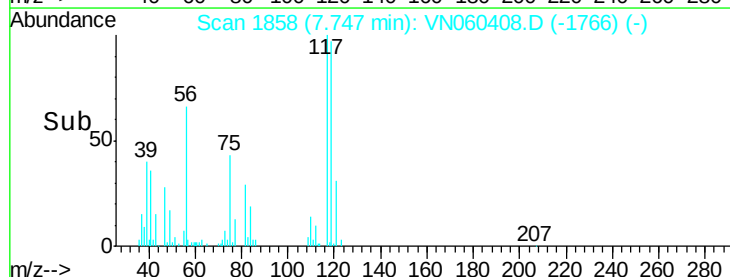
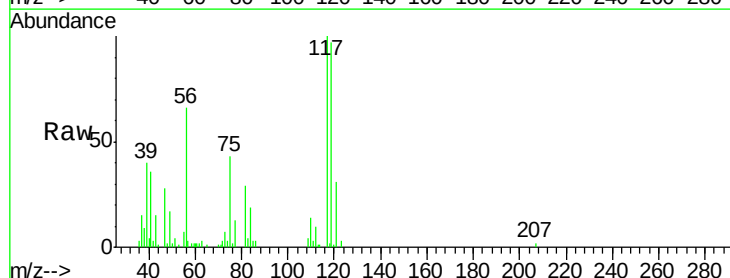
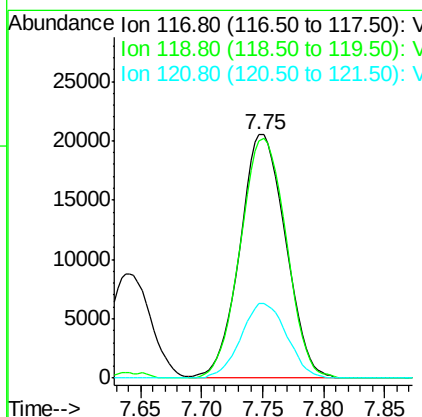
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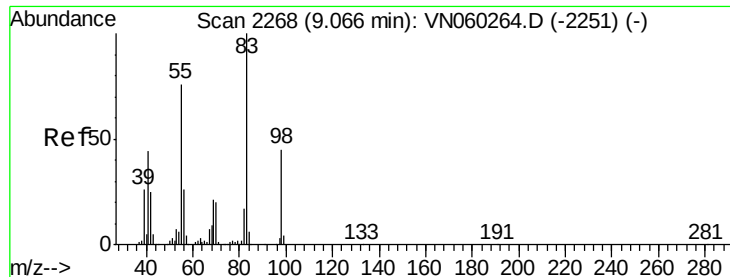
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#38
Carbon Tetrachloride
Concen: 16.259 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN060408.D
Acq: 10 Mar 2020 11:48

Tgt Ion	117	119	121
Resp	53354	97.4	30.5
Lower		76.7	24.5
Upper		115.1	36.7





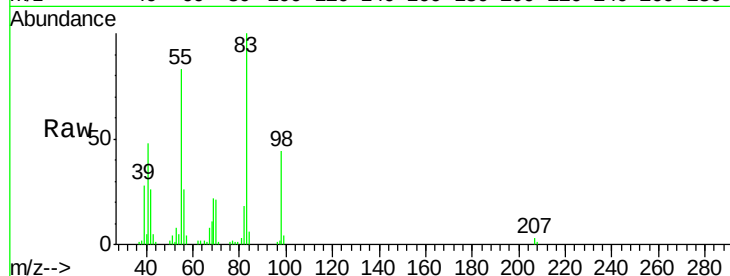
#39
Methylvlcyclohexane
Concen: 15.204 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060408.D
Acq: 10 Mar 2020 11:48

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS01

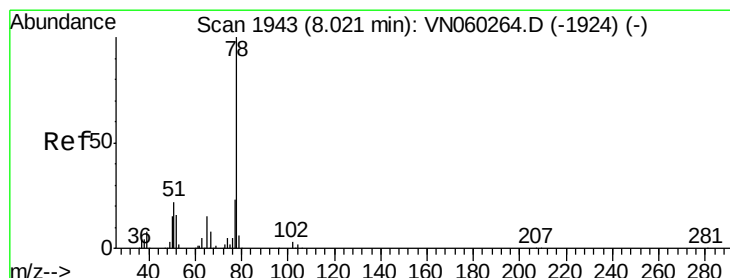
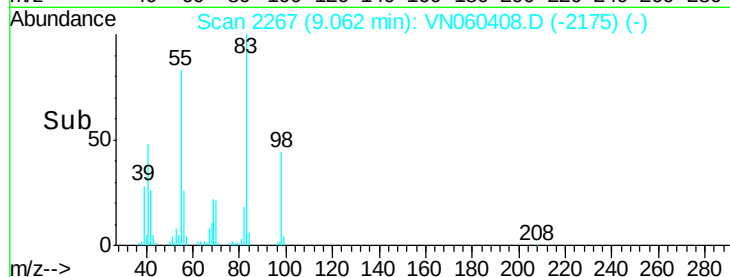
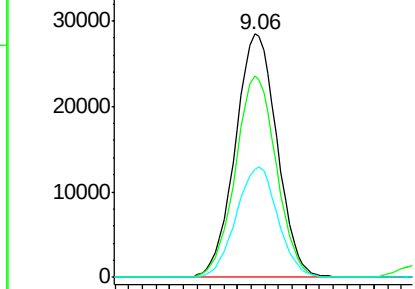
Tot Ion	Ratio	Lower	Upper
83	100		
55	82.7	61.0	91.4
98	44.3	36.1	54.1

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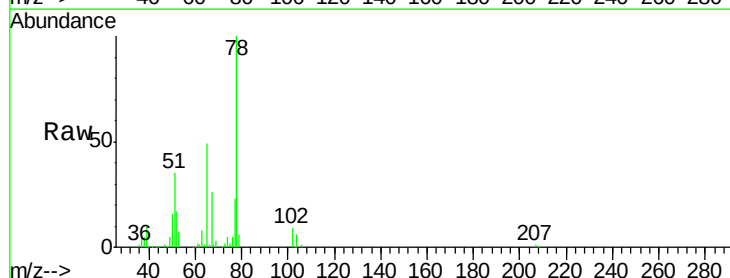


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

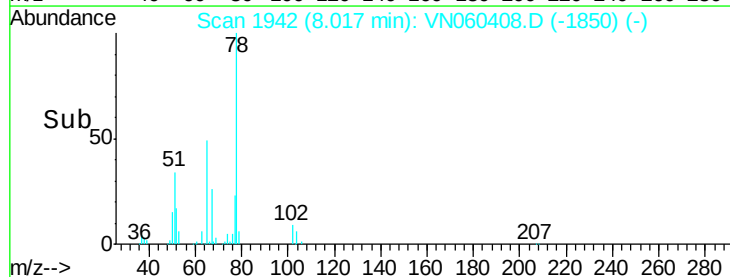
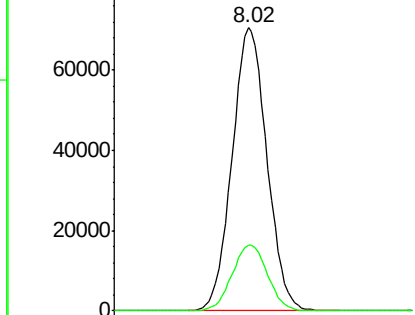


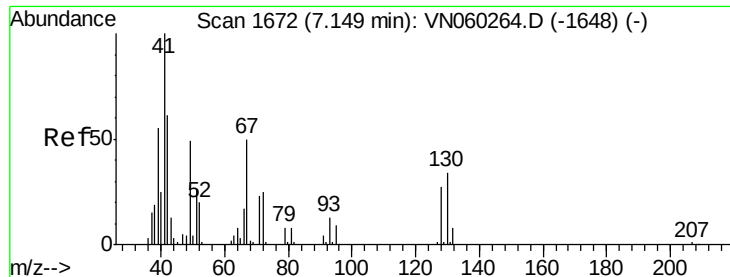
#40
Benzene
Concen: 16.878 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060408.D
Acq: 10 Mar 2020 11:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.8	28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





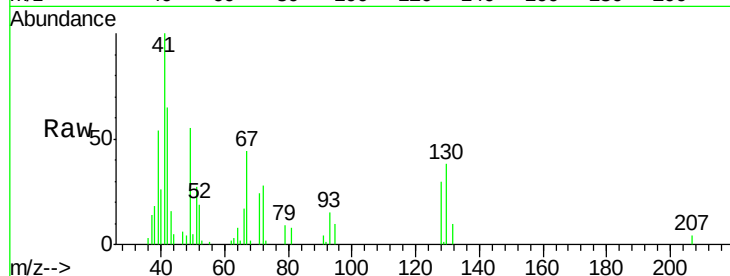
#41
Methacrylonitrile
Concen: 18.638 ug/l m
RT: 7.15 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VN060408.D
Acq: 10 Mar 2020 11:48

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS01

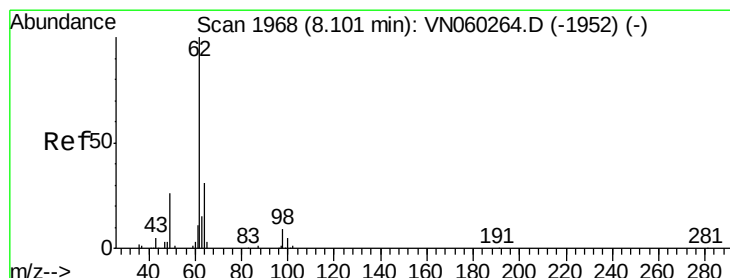
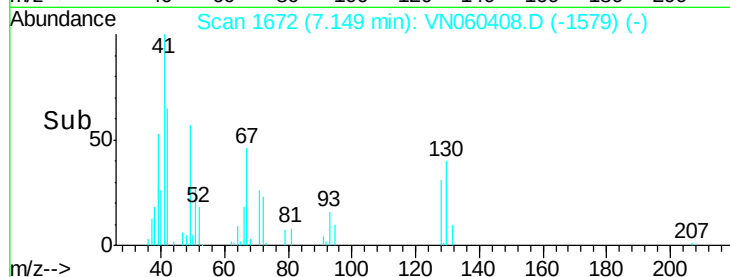
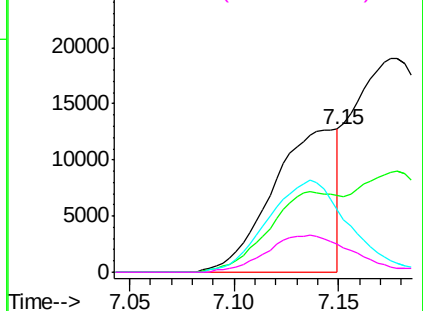
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

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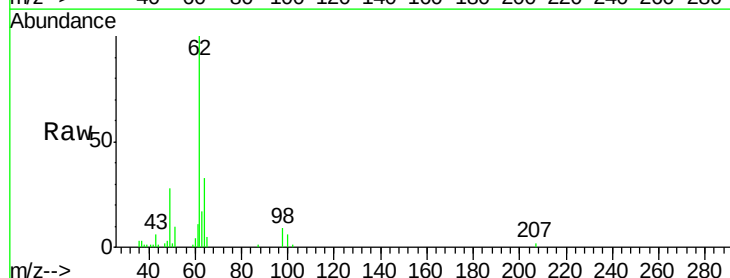


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

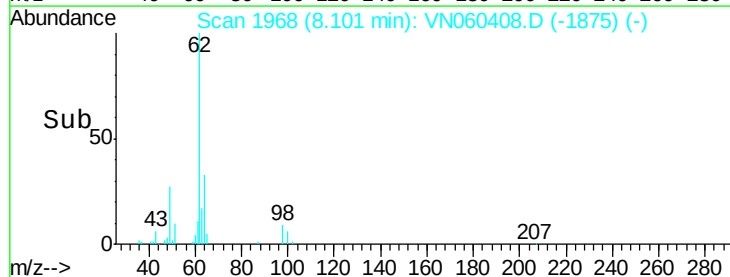
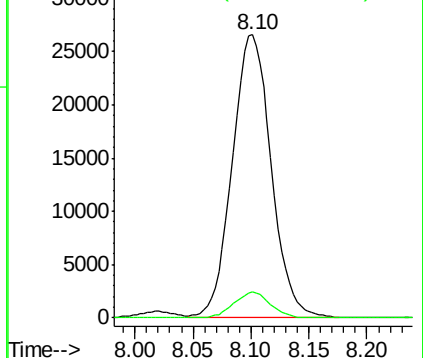


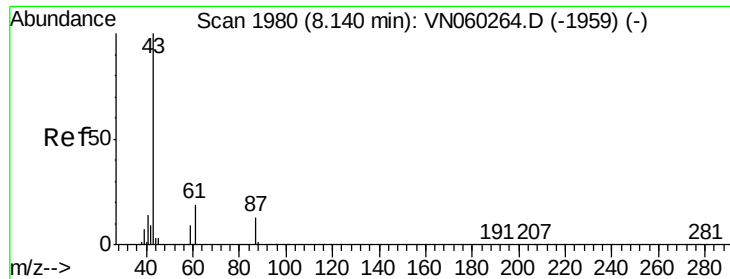
#42
1,2-Dichloroethane
Concen: 17.506 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN060408.D
Acq: 10 Mar 2020 11:48

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.0



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 18.025 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060408.D

Acq: 10 Mar 2020 11:48

Instrument :

MSVOA_N

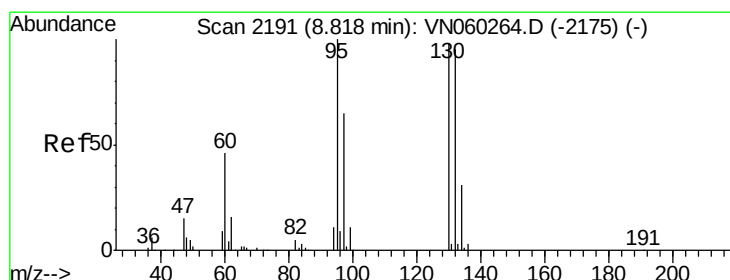
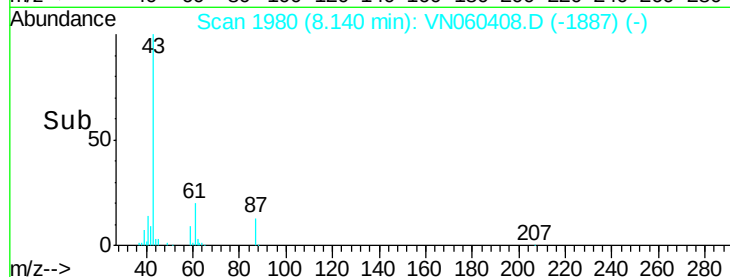
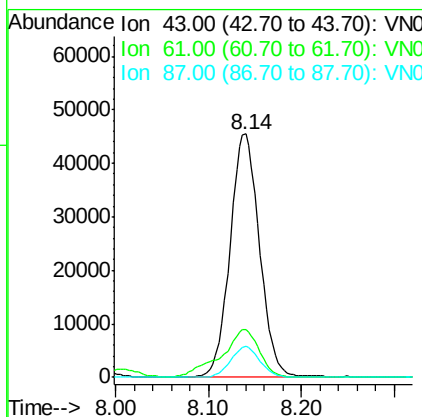
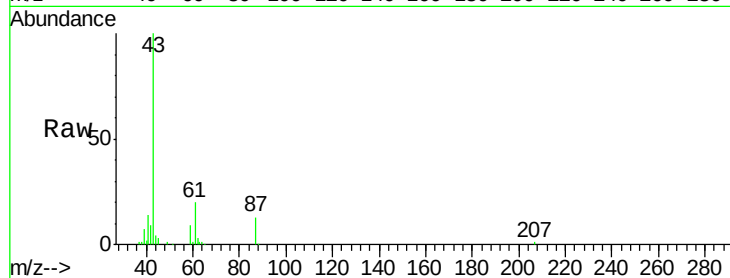
ClientSampleId :

VN0310WBS01

Tot Ion:	43	Resp:	100706
Ion	Ratio	Lower	Upper
43	100		
61	25.3	20.9	31.3
87	12.2	10.6	16.0

Manual Integrations
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#44

Trichloroethene

Concen: 16.838 ug/l

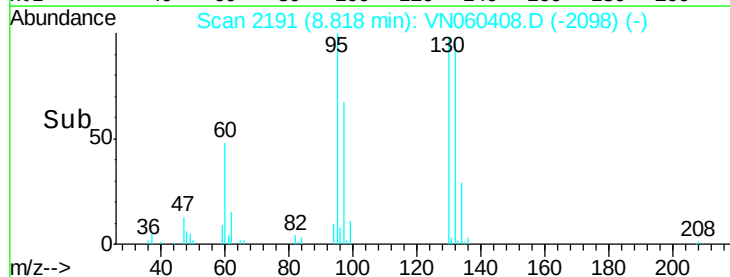
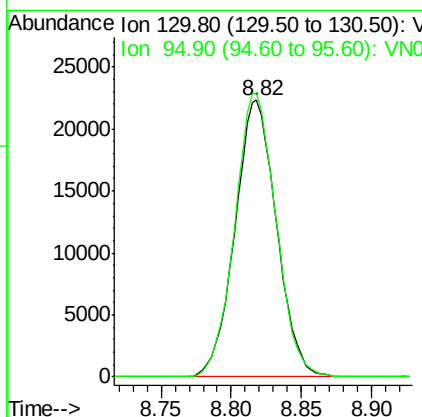
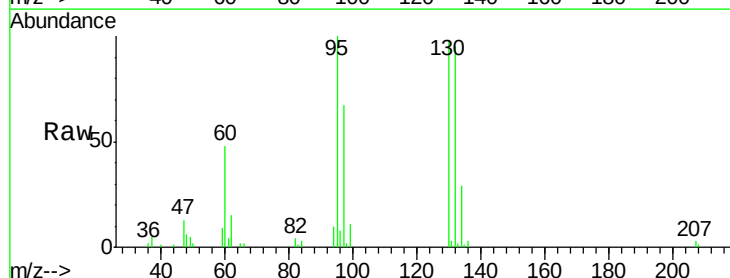
RT: 8.82 min Scan# 2191

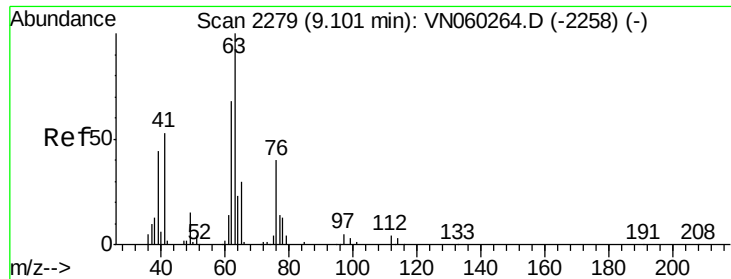
Delta R.T. -0.00 min

Lab File: VN060408.D

Acq: 10 Mar 2020 11:48

Tgt Ion:	130	Resp:	46002
Ion	Ratio	Lower	Upper
130	100		
95	102.3	0.0	203.4





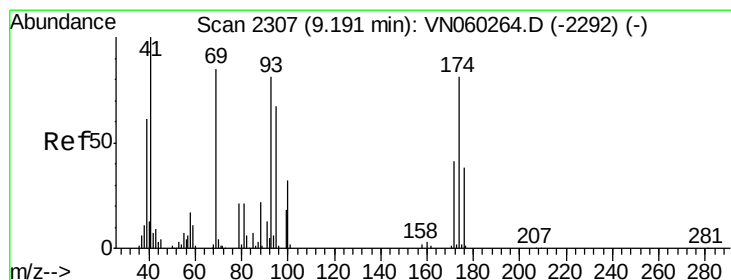
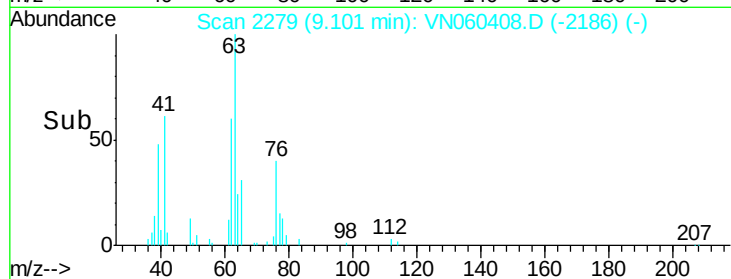
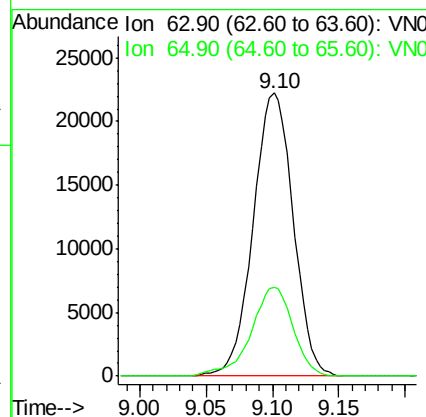
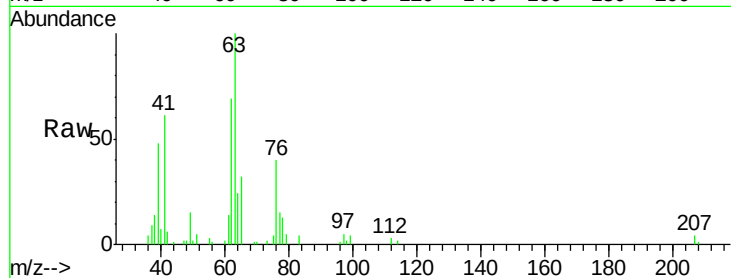
#45
 1,2-Dichloropropane
 Concen: 18.192 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN060408.D
 Acq: 10 Mar 2020 11:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0310WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.6	24.4	36.6

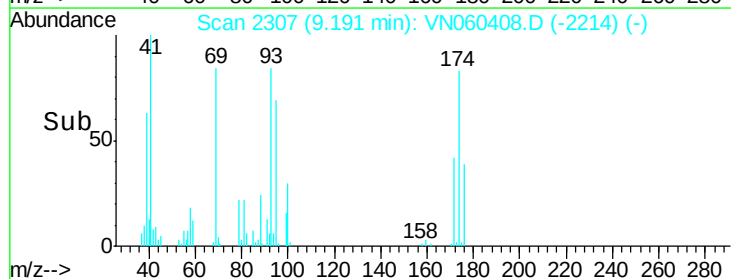
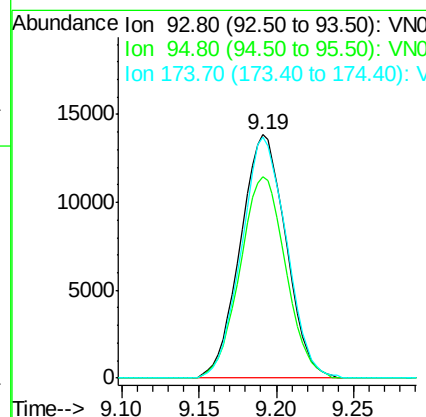
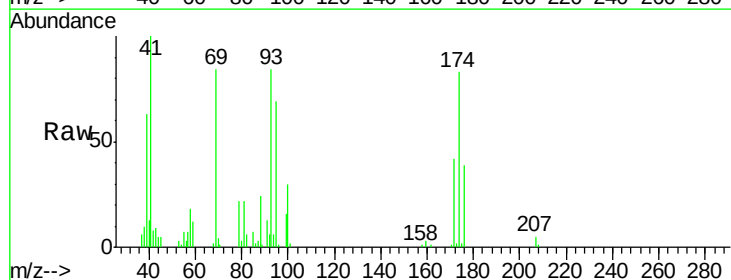
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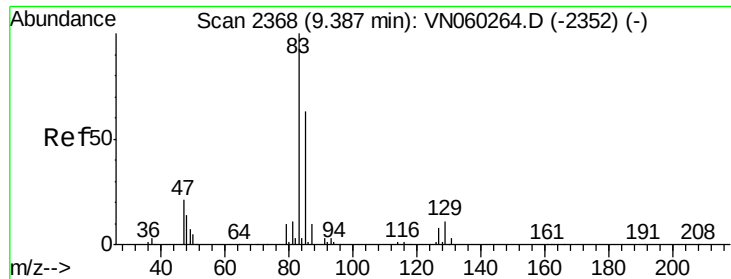
MMDadoda
 3/11/2020 3:23:09 PM



#46
 Dibromomethane
 Concen: 17.044 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN060408.D
 Acq: 10 Mar 2020 11:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.9	65.9	98.9
174	97.7	79.6	119.4





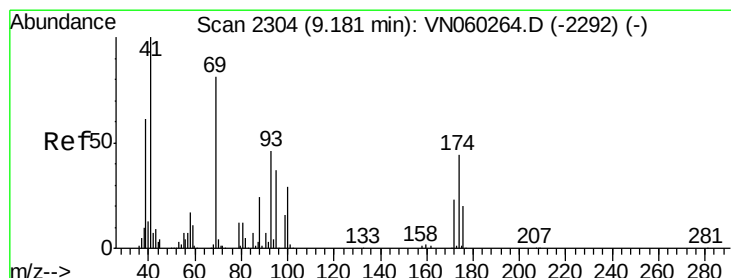
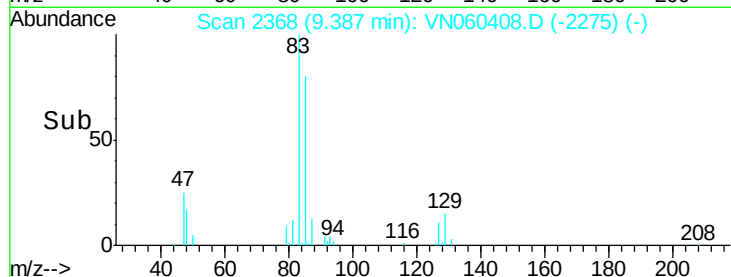
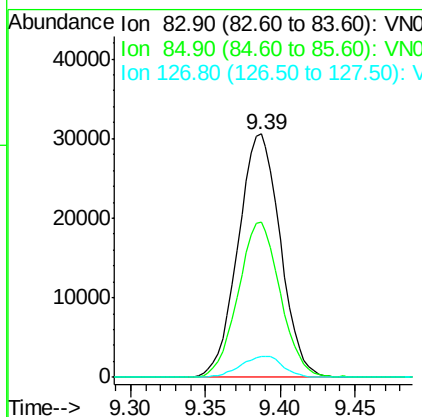
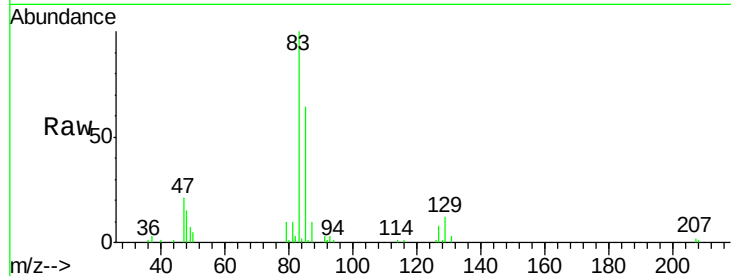
#47
Bromodichloromethane
Concen: 17.742 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. -0.00 min
Lab File: VN060408.D
Acq: 10 Mar 2020 11:48

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS01

Tot Ion	83	Resp	60051
Ion Ratio	100	Lower	Upper
83	100		
85	64.0	50.7	76.1
127	8.4	6.8	10.2

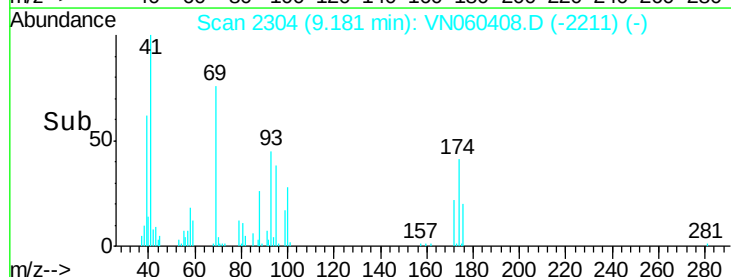
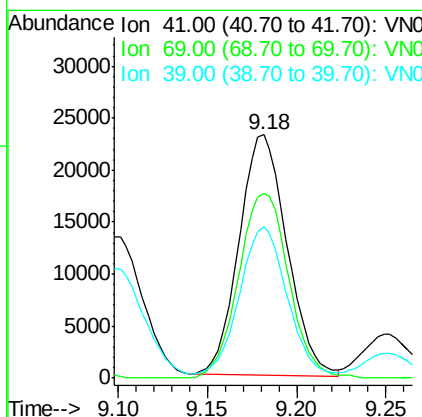
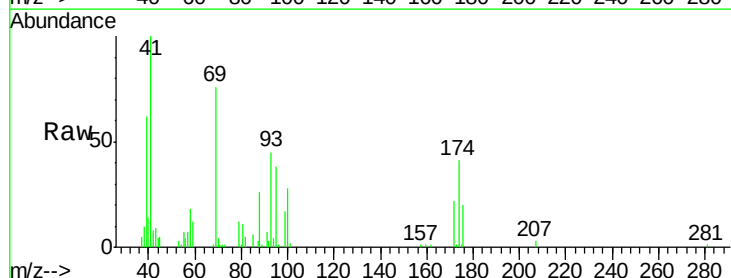
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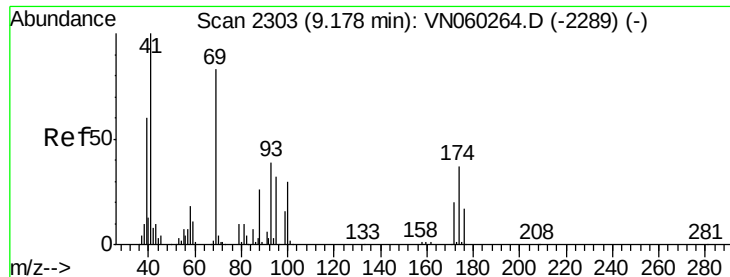
MMDadoda
3/11/2020 3:23:09 PM



#48
Methyl methacrylate
Concen: 16.978 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.00 min
Lab File: VN060408.D
Acq: 10 Mar 2020 11:48

Tgt Ion	41	Resp	43256
Ion Ratio	100	Lower	Upper
41	100		
69	80.4	66.7	100.1
39	63.8	50.1	75.1





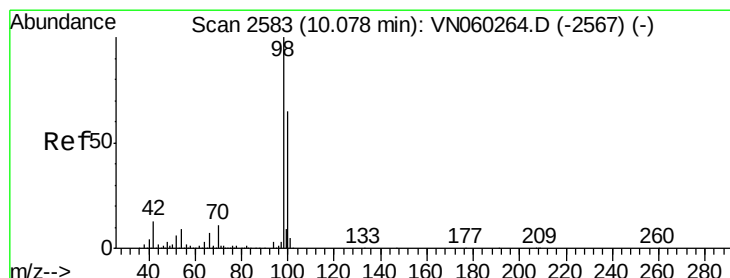
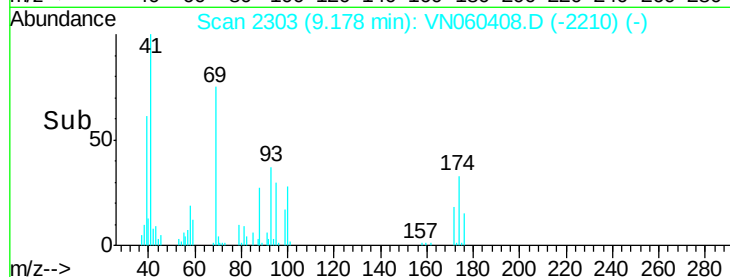
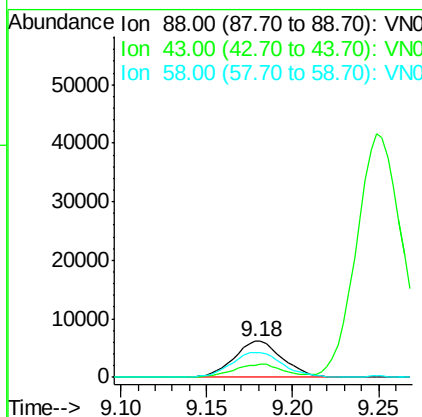
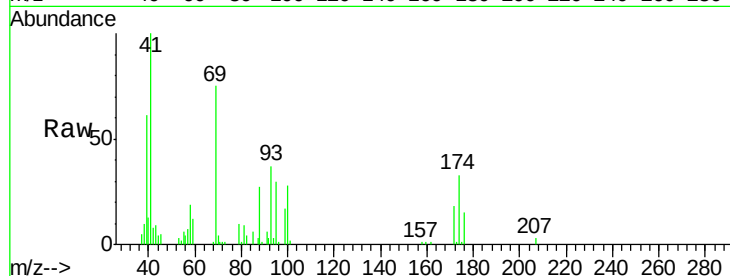
#49
1,4-Dioxane
Concen: 337.506 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN060408.D
Acq: 10 Mar 2020 11:48

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.5	30.4	45.6
58	73.3	57.0	85.6

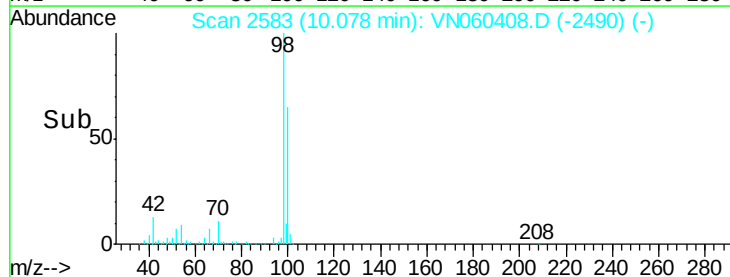
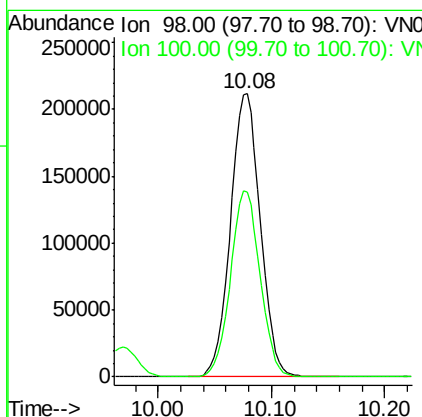
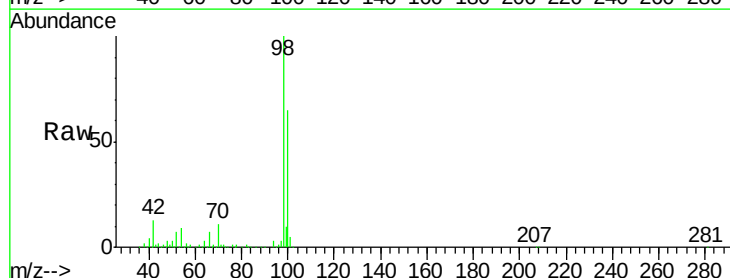
Manual Integrations
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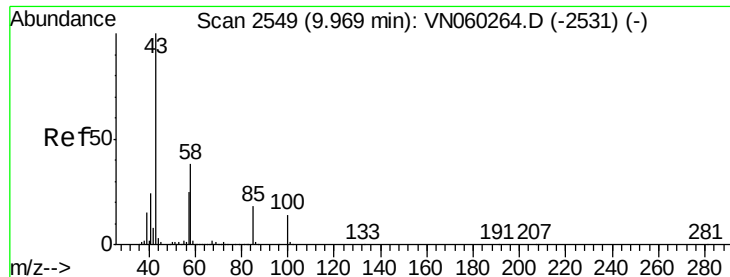
MMDadoda
3/11/2020 3:23:09 PM



#50
Toluene-d8
Concen: 46.730 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN060408.D
Acq: 10 Mar 2020 11:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.2	78.2





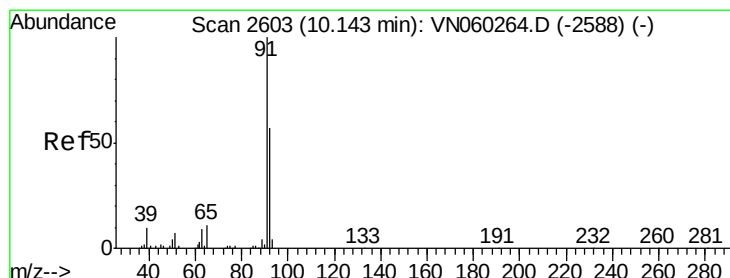
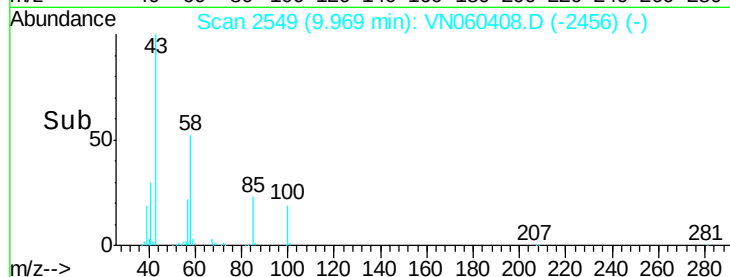
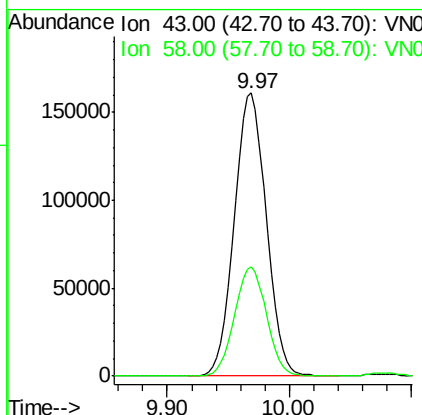
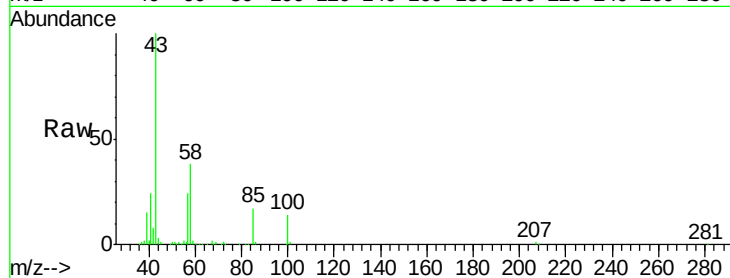
#51
 4-Methyl-2-Pentanone
 Concen: 92.350 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: VN060408.D
 Acq: 10 Mar 2020 11:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0310WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.4	30.9	46.3

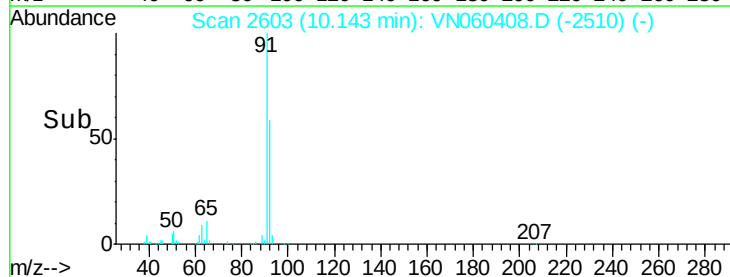
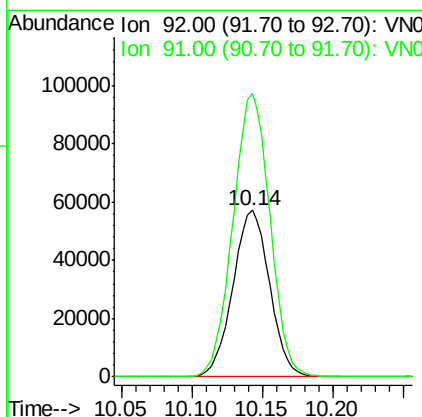
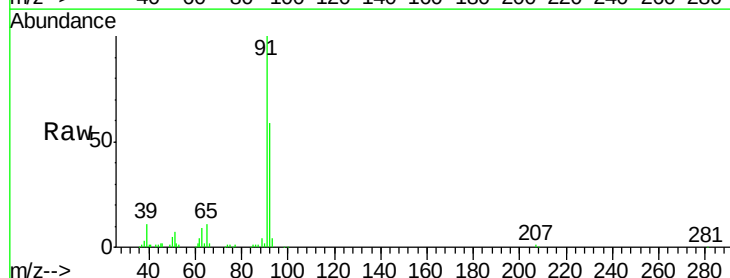
Manual Integrations
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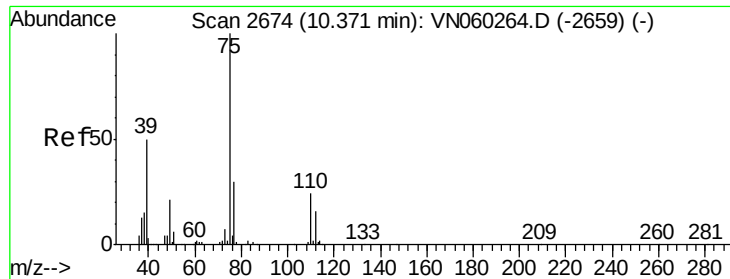
MMDadoda
 3/11/2020 3:23:09 PM



#52
 Toluene
 Concen: 16.929 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: VN060408.D
 Acq: 10 Mar 2020 11:48

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.4	138.1	207.1





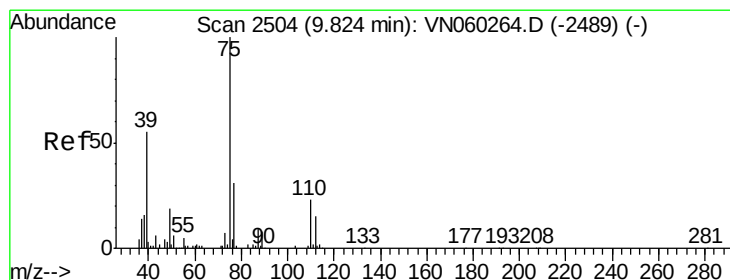
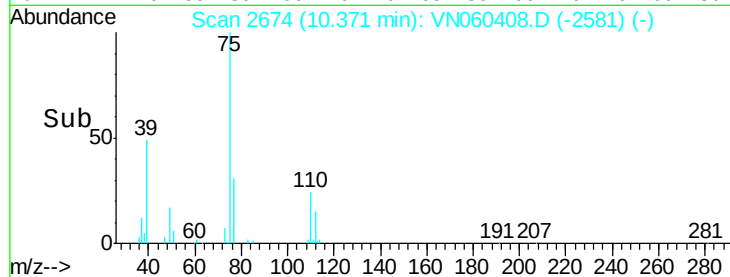
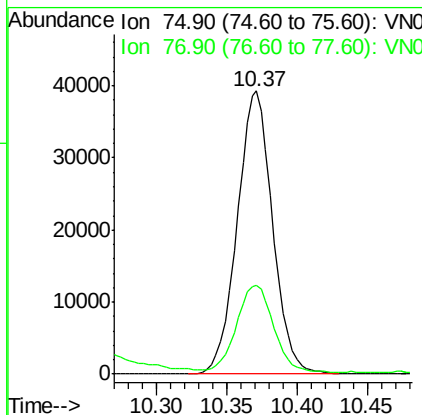
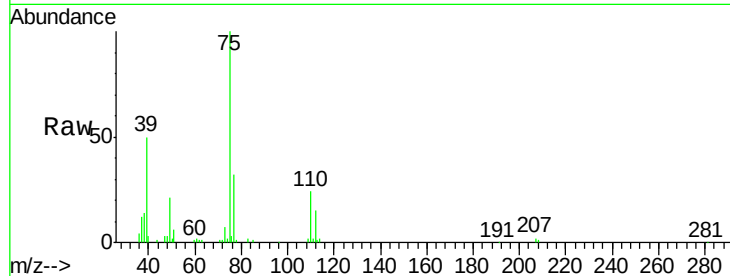
#53
t-1,3-Dichloropropene
Concen: 16.600 ug/l
RT: 10.37 min Scan# 2674
Delta R.T. -0.00 min
Lab File: VN060408.D
Acq: 10 Mar 2020 11:48

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS01

Tot Ion: 75 Resp: 68845
Ion Ratio Lower Upper
75 100
77 30.8 24.8 37.2

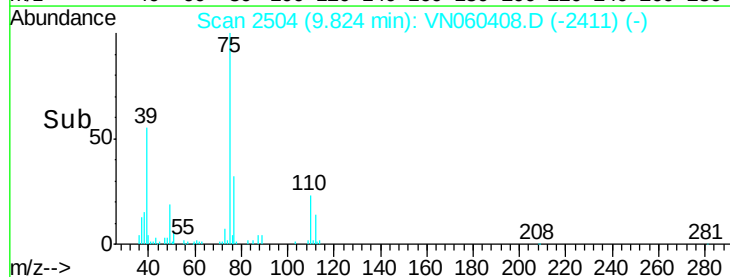
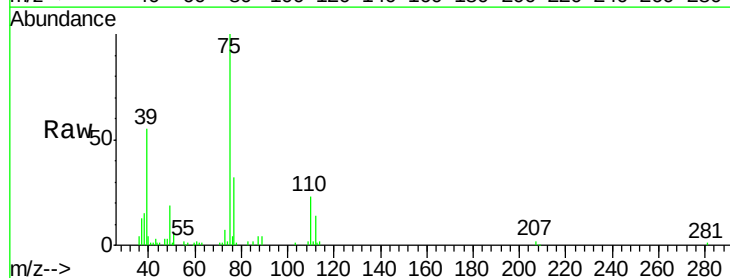
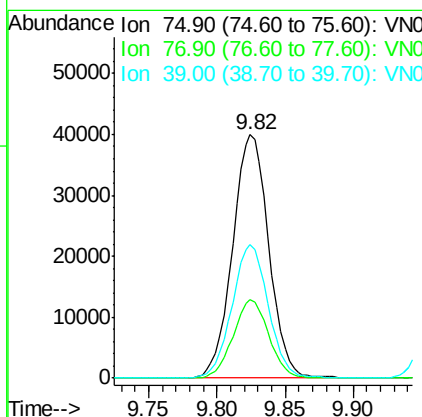
Manual Integrations
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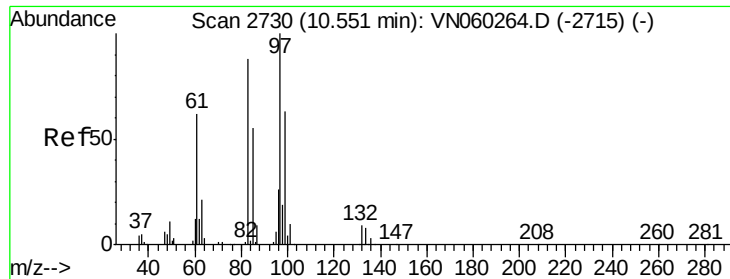
MMDadoda
3/11/2020 3:23:09 PM



#54
cis-1,3-Dichloropropene
Concen: 17.087 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. -0.00 min
Lab File: VN060408.D
Acq: 10 Mar 2020 11:48

Tgt Ion: 75 Resp: 73430
Ion Ratio Lower Upper
75 100
77 32.1 24.8 37.2
39 55.0 43.8 65.8





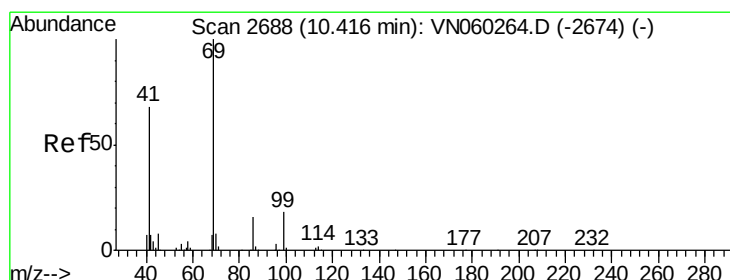
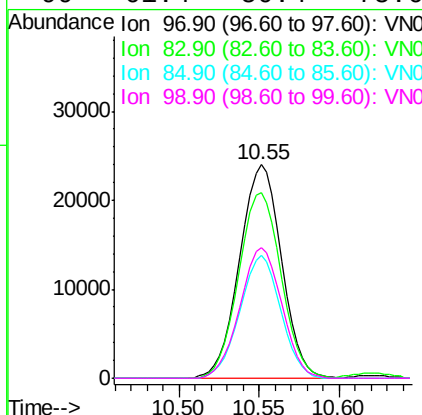
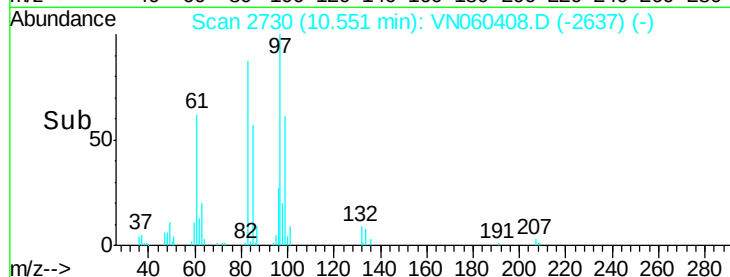
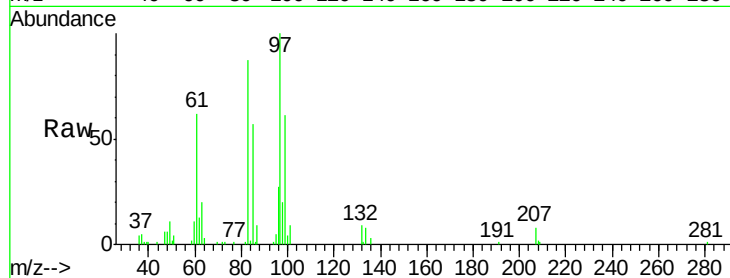
#55
 1,1,2-Trichloroethane
 Concen: 17.356 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: VN060408.D
 Acq: 10 Mar 2020 11:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0310WBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	87.1	70.0	105.0
85	57.3	44.0	66.0
99	61.4	50.4	75.6

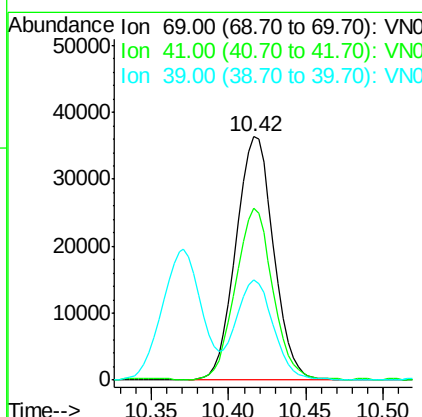
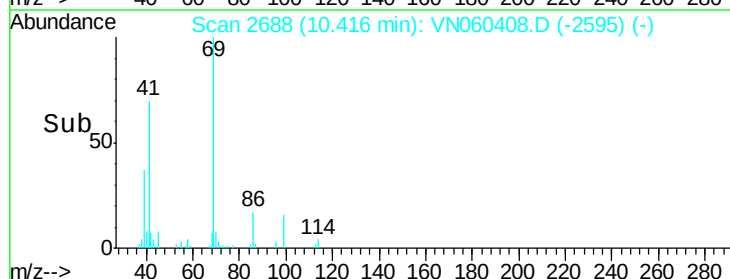
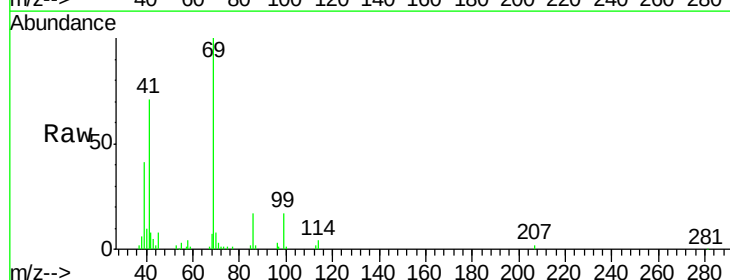
Manual Integrations
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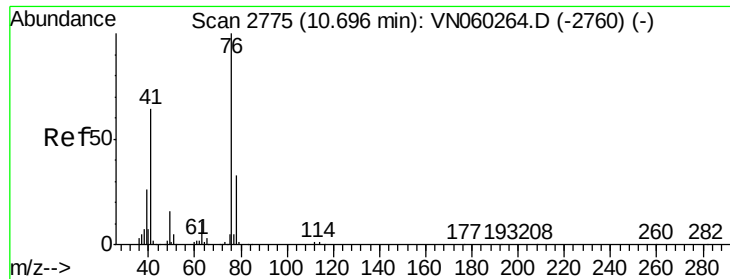
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 17.331 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060408.D
 Acq: 10 Mar 2020 11:48

Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.2	54.1	81.1
39	41.4	32.5	48.7





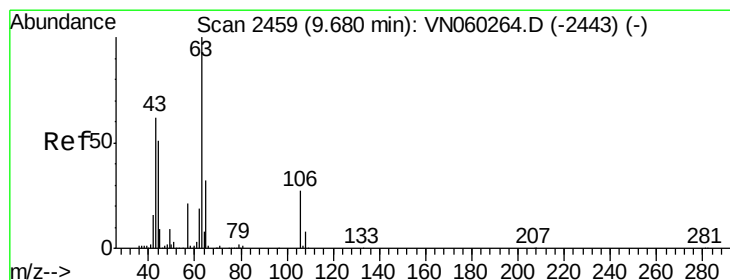
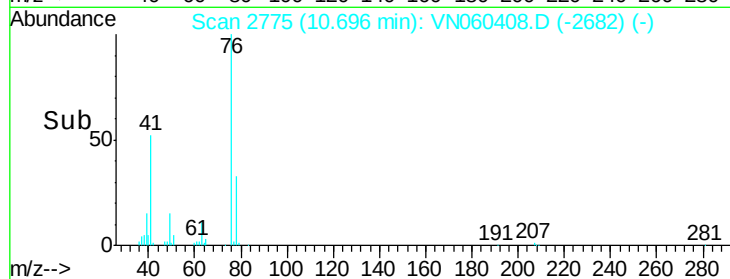
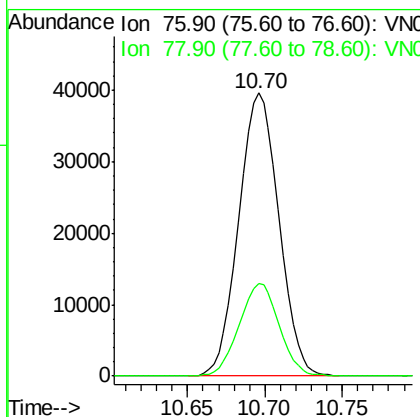
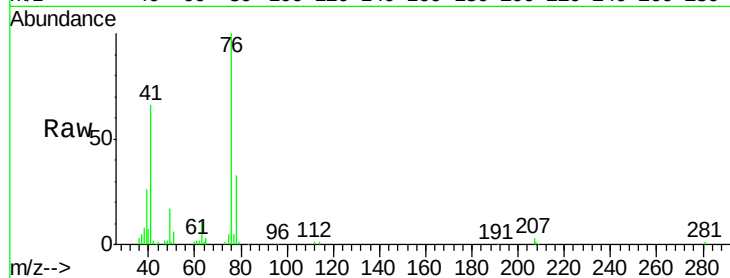
#57
 1,3-Dichloropropane
 Concen: 17.707 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. -0.00 min
 Lab File: VN060408.D
 Acq: 10 Mar 2020 11:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0310WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.2	39.2

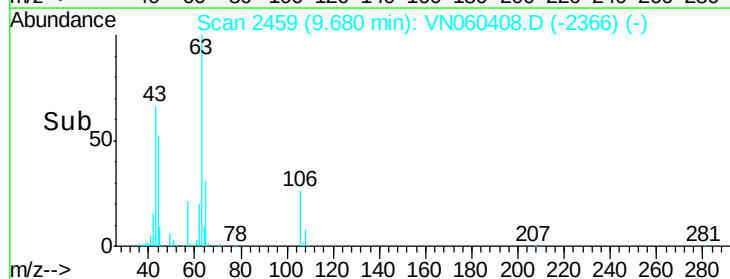
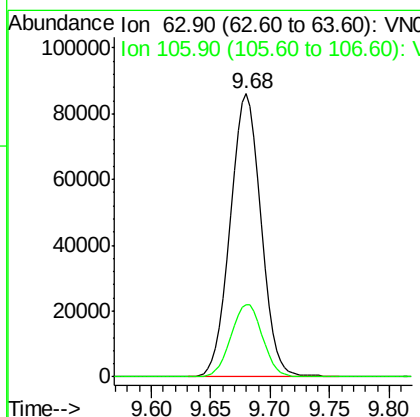
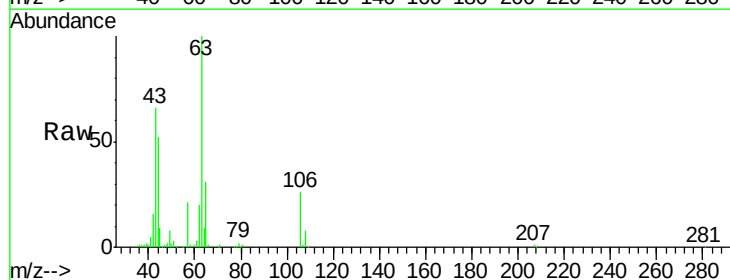
Manual Integrations
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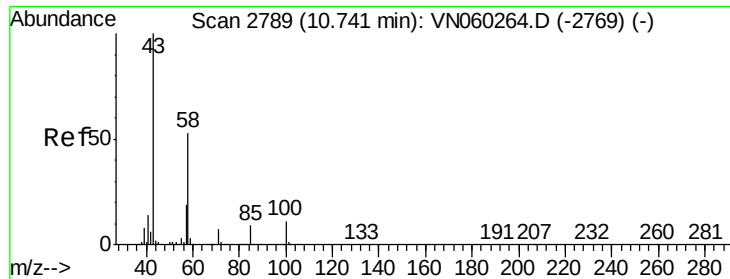
MMDadoda
 3/11/2020 3:23:09 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 83.135 ug/l
 RT: 9.68 min Scan# 2459
 Delta R.T. -0.00 min
 Lab File: VN060408.D
 Acq: 10 Mar 2020 11:48

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.1	21.1	31.7





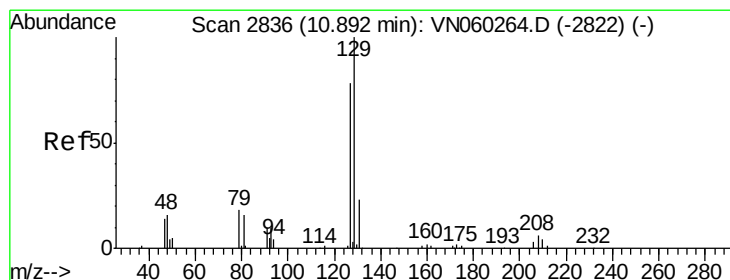
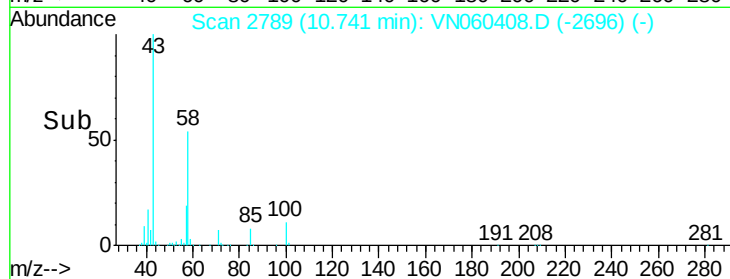
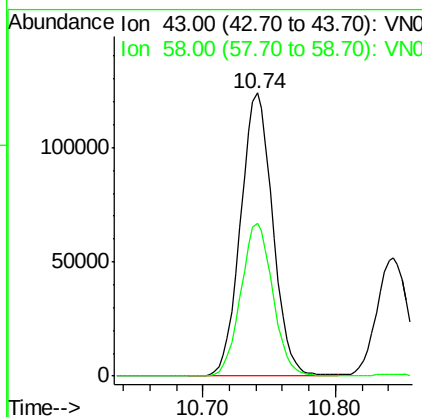
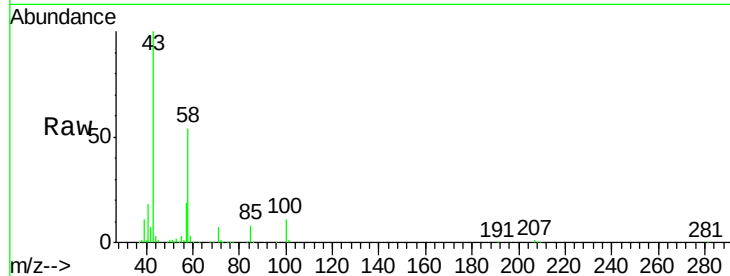
#59
2-Hexanone
Concen: 89.816 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060408.D
Acq: 10 Mar 2020 11:48

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS01

Tot Ion: 43 Resp: 208892
Ion Ratio Lower Upper
43 100
58 53.7 26.5 79.5

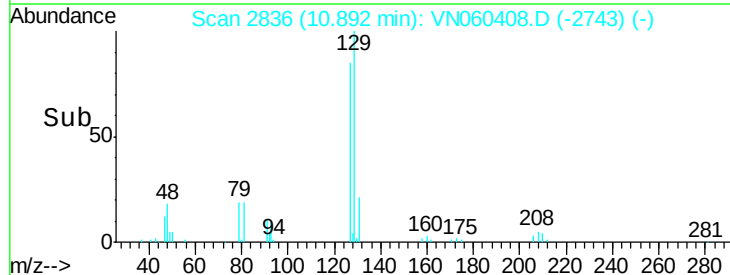
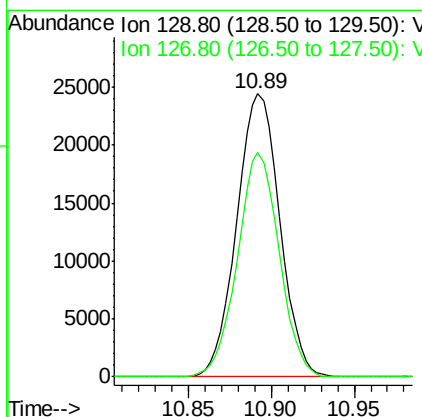
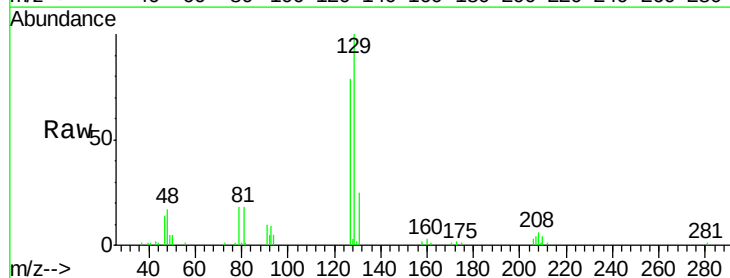
Manual Integrations
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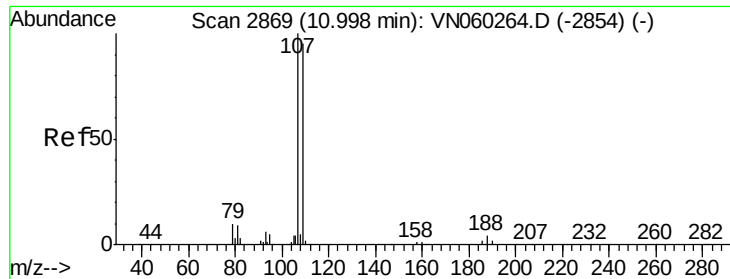
MMDadoda
3/11/2020 3:23:09 PM



#60
Dibromochloromethane
Concen: 17.534 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060408.D
Acq: 10 Mar 2020 11:48

Tgt Ion: 129 Resp: 44187
Ion Ratio Lower Upper
129 100
127 76.6 38.9 116.7





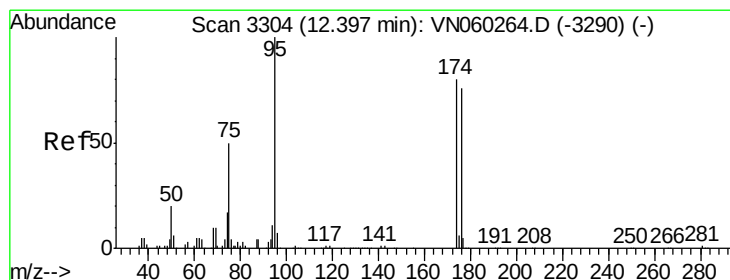
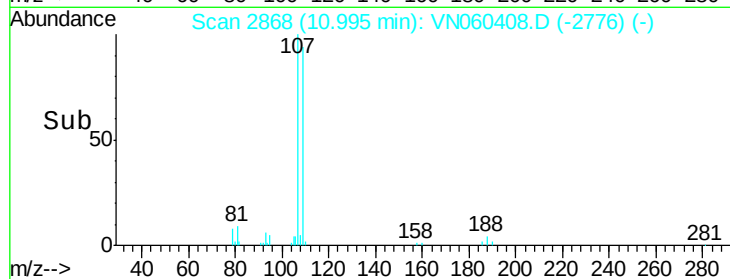
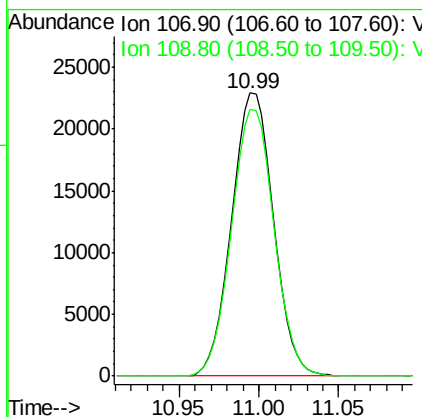
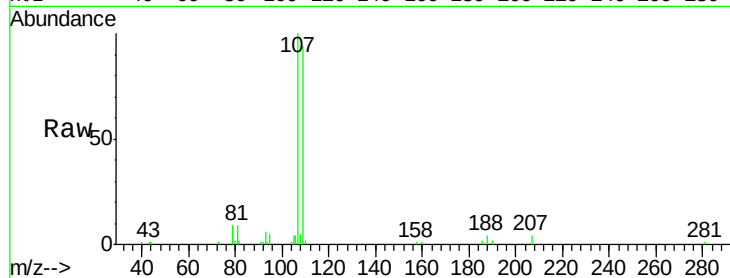
#61
 1,2-Dibromoethane
 Concen: 16.933 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060408.D
 Acq: 10 Mar 2020 11:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0310WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.7	76.8	115.2

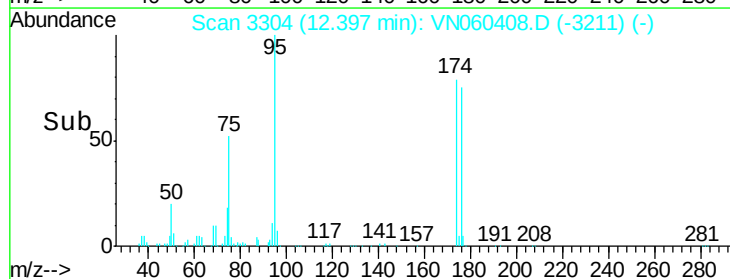
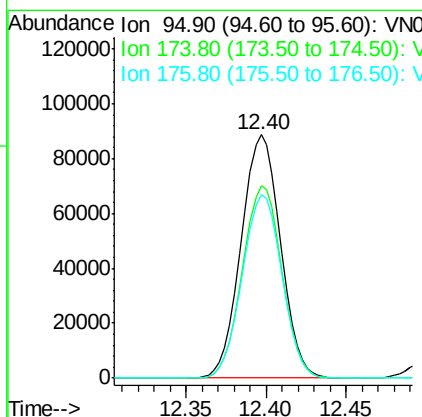
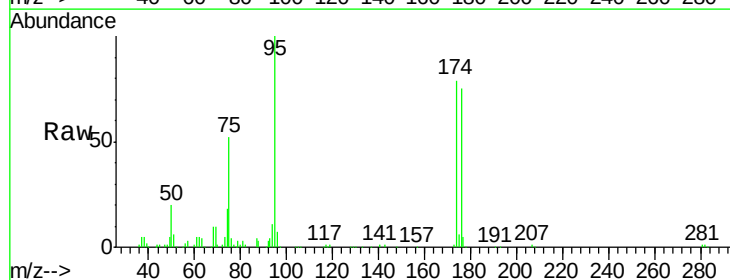
Manual Integrations
 APPROVED

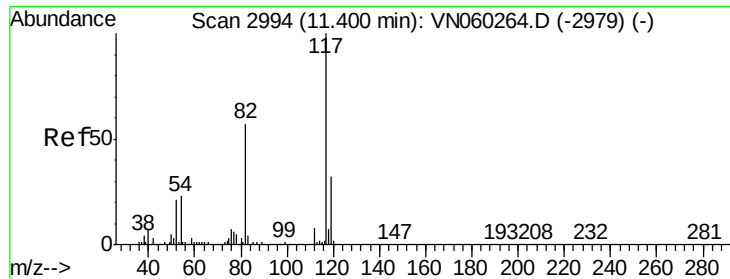
MMDadoda
 3/11/2020 3:23:09 PM



#62
 4-Bromofluorobenzene
 Concen: 47.160 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060408.D
 Acq: 10 Mar 2020 11:48

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.5	0.0	159.2
176	76.2	0.0	153.8





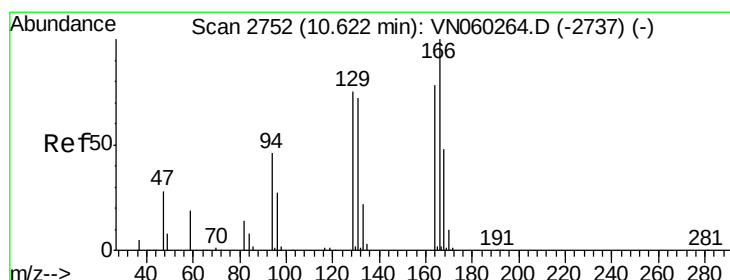
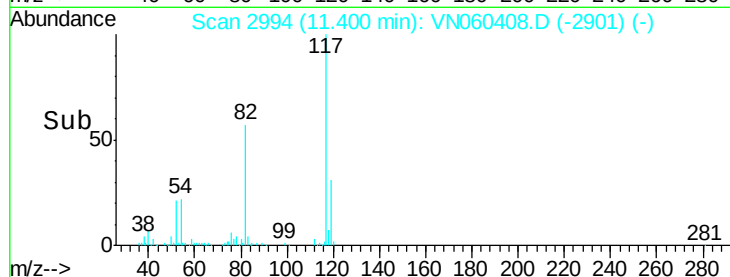
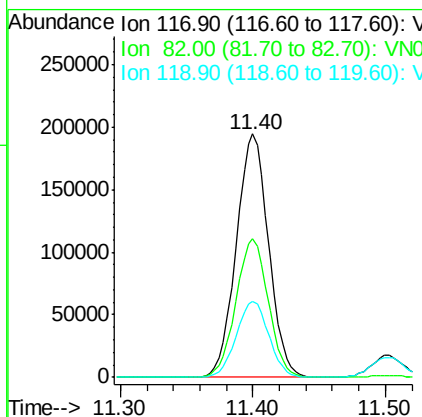
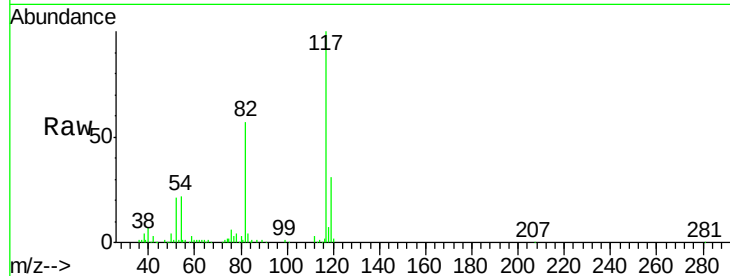
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060408.D
Acq: 10 Mar 2020 11:48

Instrument :
MSVOA_N
ClientSampled :
VN0310WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	328816		
82	56.7		45.8	68.6
119	31.3		25.8	38.8

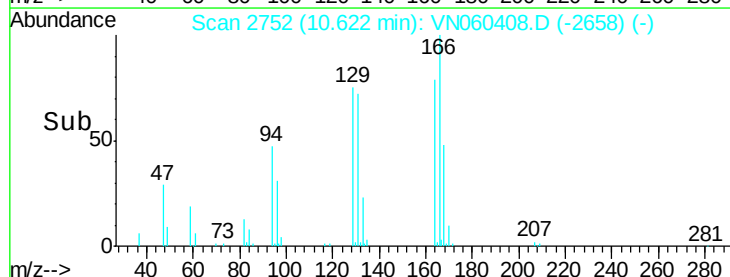
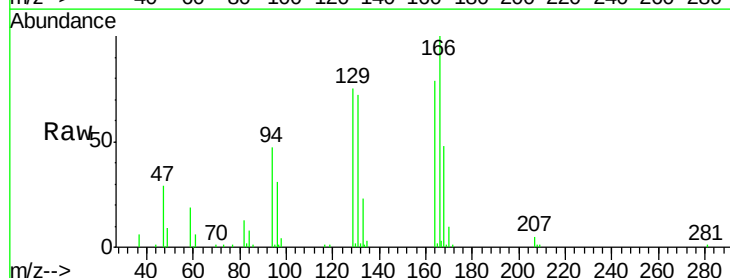
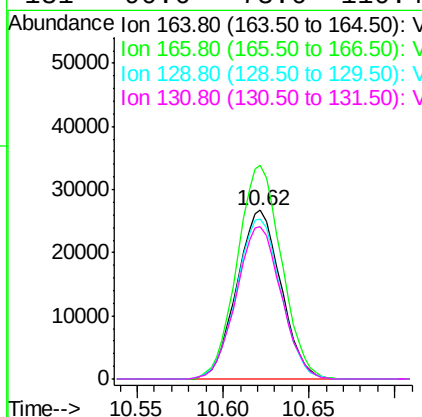
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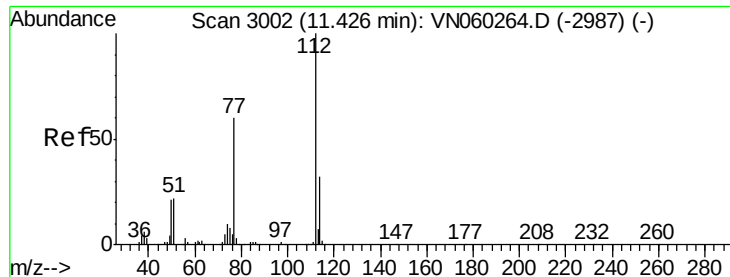
MMDadoda
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#64
Tetrachloroethene
Concen: 17.426 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060408.D
Acq: 10 Mar 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	47499		
166	126.6		102.0	153.0
129	95.0		76.4	114.6
131	90.6		73.6	110.4





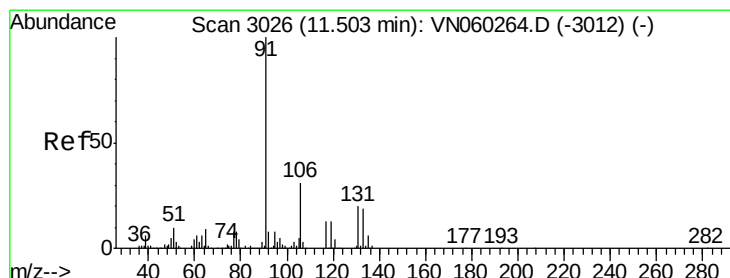
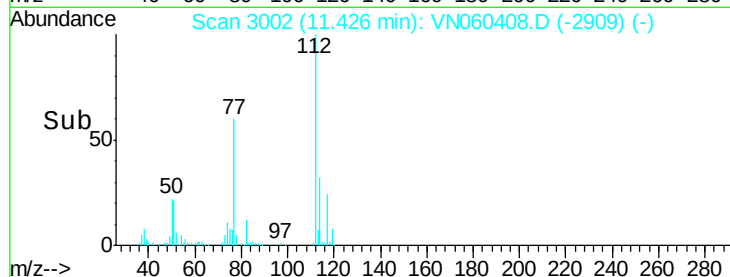
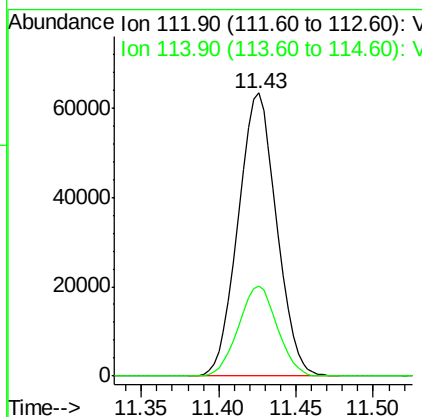
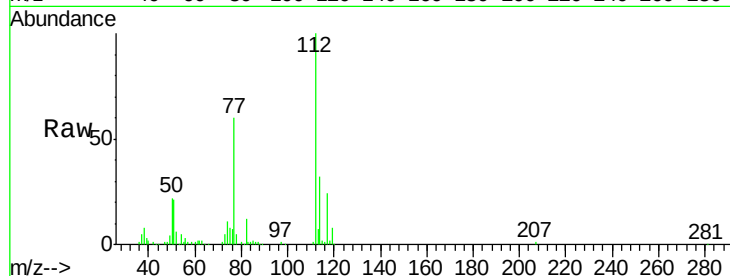
#65
Chlorobenzene
Concen: 16.477 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN060408.D
Acq: 10 Mar 2020 11:48

Instrument :
MSVOA_N
ClientSampled :
VN0310WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.4	38.0

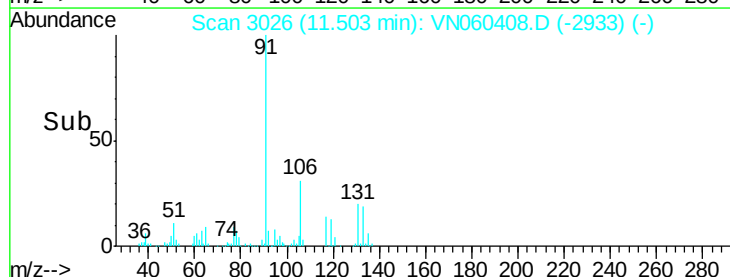
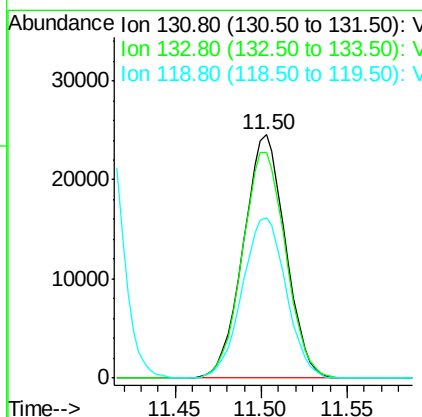
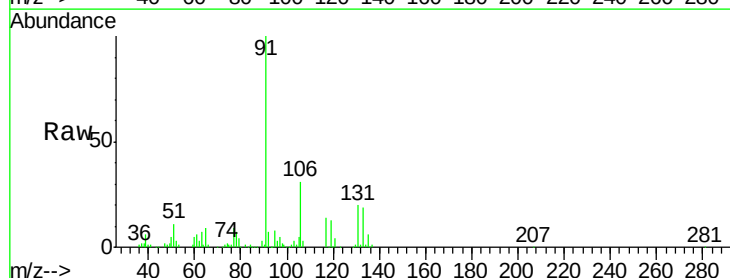
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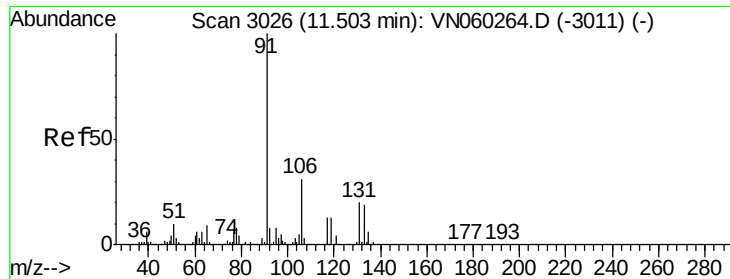
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#66
1,1,1,2-Tetrachloroethane
Concen: 17.050 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN060408.D
Acq: 10 Mar 2020 11:48

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.4	47.7	143.1
119	68.2	33.2	99.6





#67

Ethyl Benzene

Concen: 16.695 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN060408.D

Acq: 10 Mar 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

VN0310WBS01

Tot Ion: 91 Resp: 201868

Ion Ratio Lower Upper

91 100

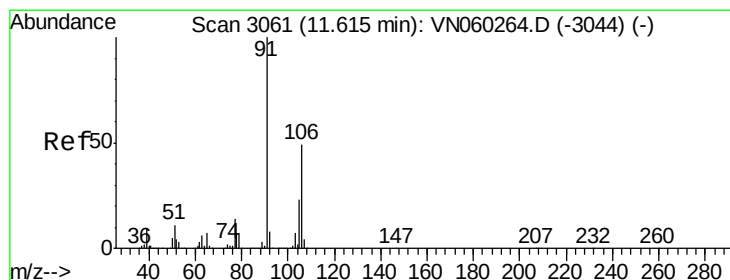
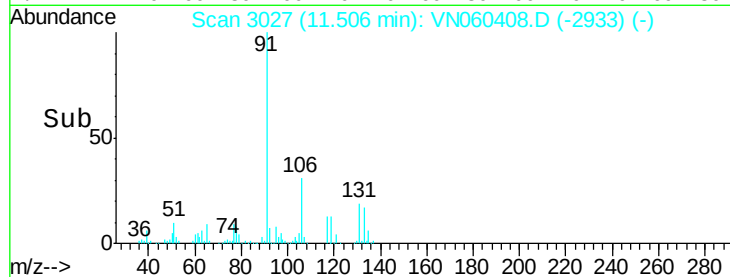
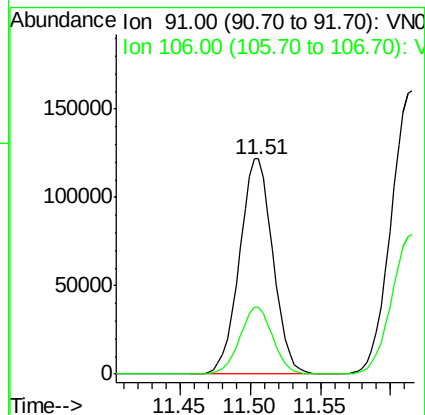
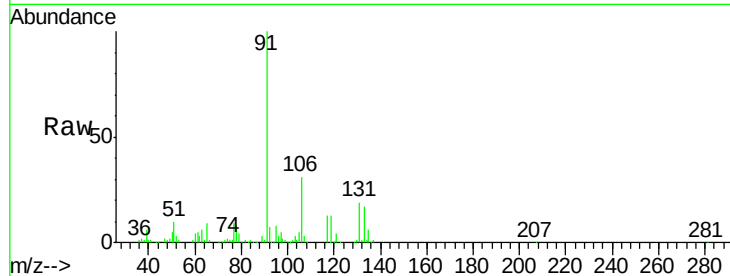
106 31.0 24.7 37.1

Manual Integrations

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#68

m/p-Xylenes

Concen: 33.142 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN060408.D

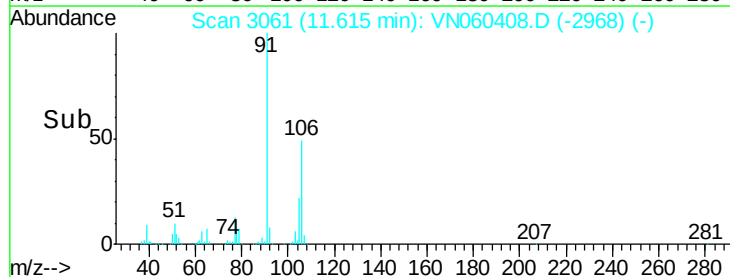
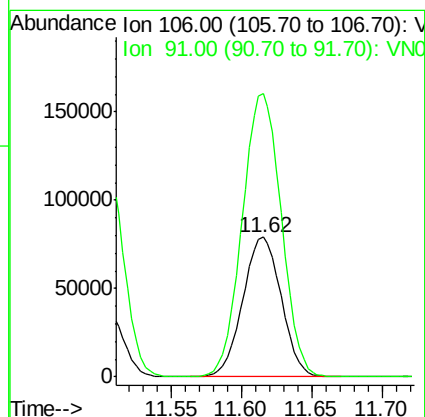
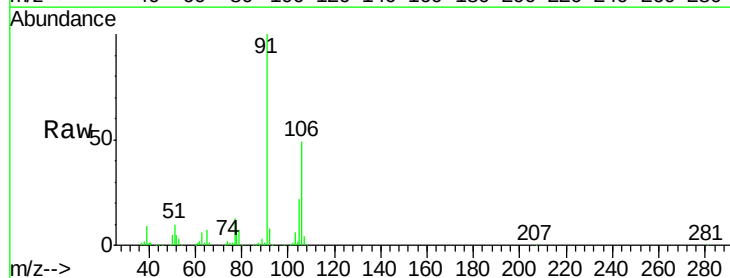
Acq: 10 Mar 2020 11:48

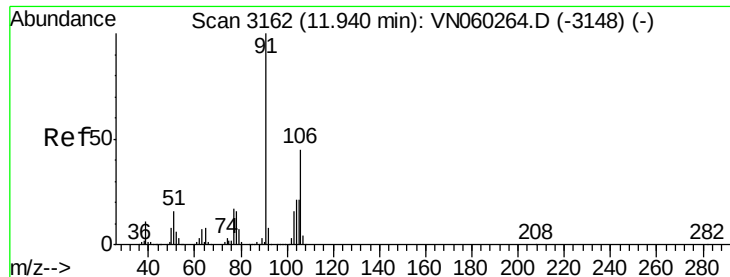
Tgt Ion: 106 Resp: 151194

Ion Ratio Lower Upper

106 100

91 205.6 164.5 246.7





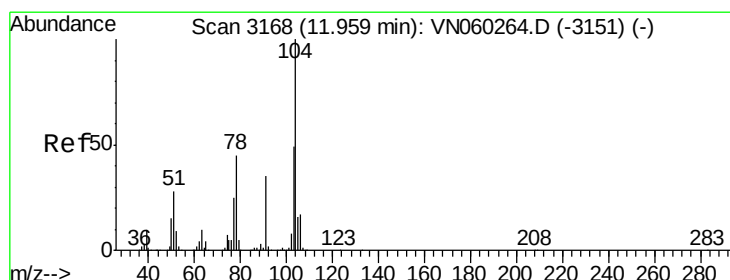
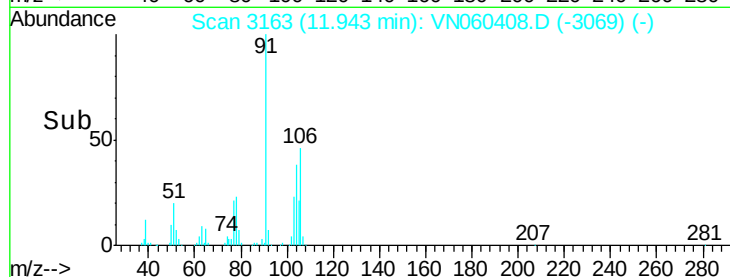
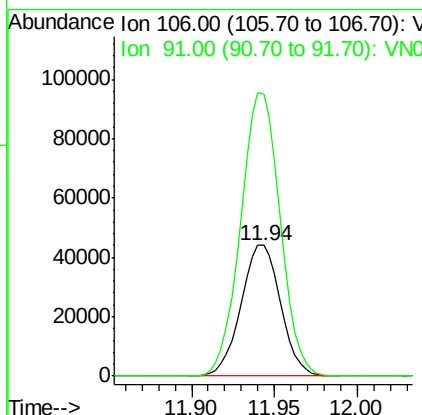
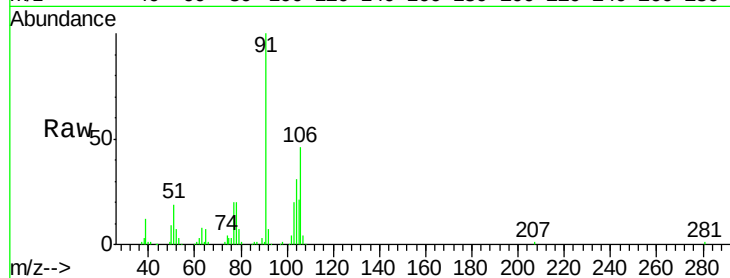
#69
o-Xylene
Concen: 16.892 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN060408.D
Acq: 10 Mar 2020 11:48

Instrument :
MSVOA_N
ClientSampled :
VN0310WBS01

Tot Ion:106 Resp: 73483
Ion Ratio Lower Upper
106 100
91 215.8 109.5 328.4

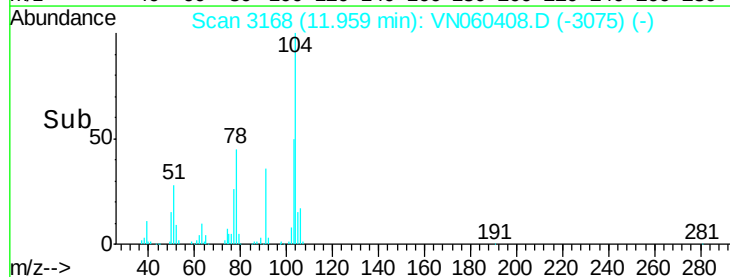
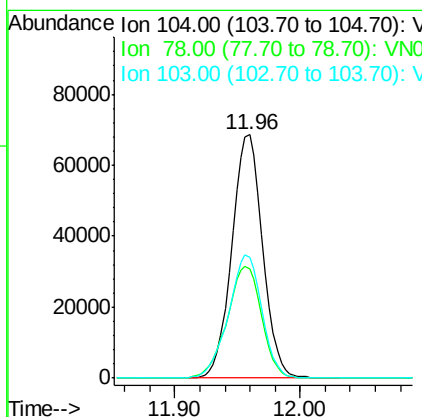
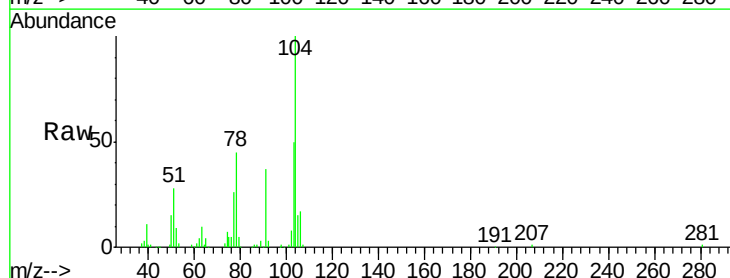
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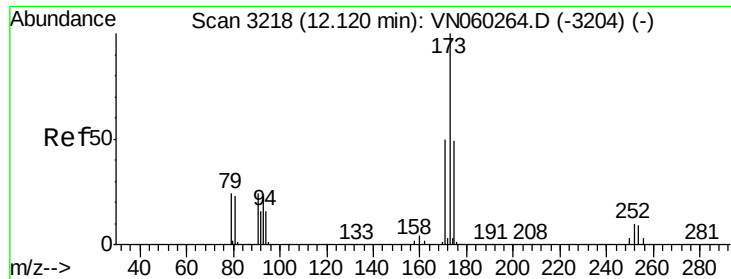
MMDadoda
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#70
Styrene
Concen: 16.350 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN060408.D
Acq: 10 Mar 2020 11:48

Tgt Ion:104 Resp: 116943
Ion Ratio Lower Upper
104 100
78 51.4 41.2 61.8
103 54.9 43.9 65.9





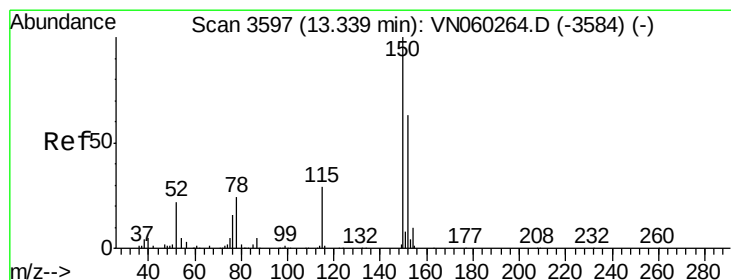
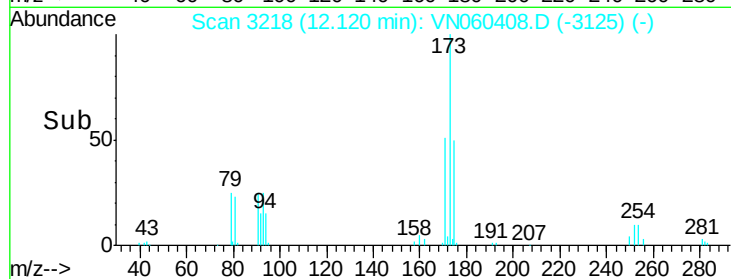
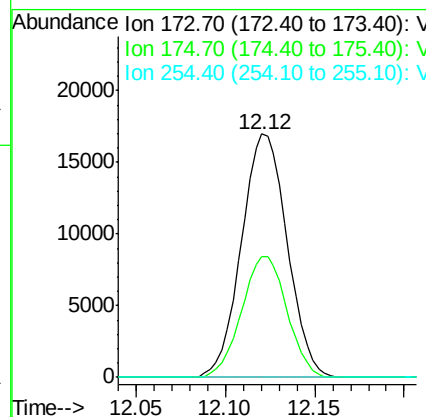
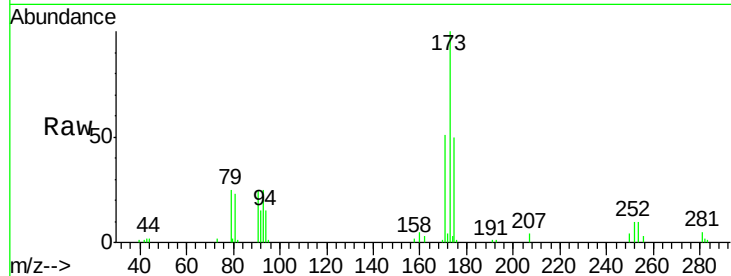
#71
Bromoform
Concen: 17.125 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. -0.00 min
Lab File: VN060408.D
Acq: 10 Mar 2020 11:48

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.1	72.2
254	0.0	0.0	0.0

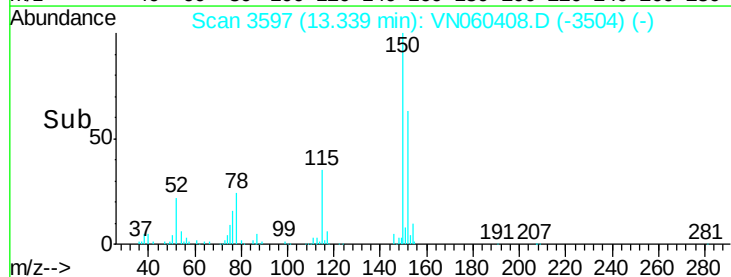
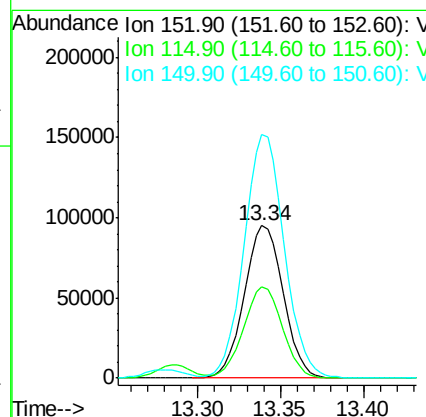
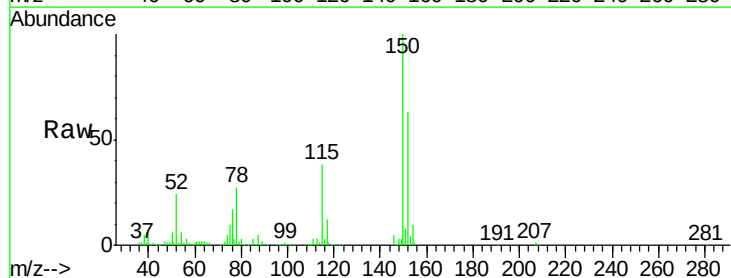
Manual Integrations
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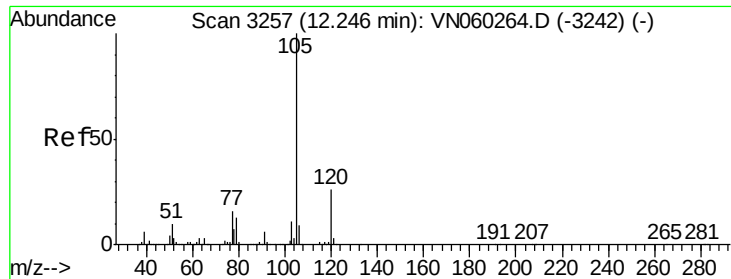
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060408.D
Acq: 10 Mar 2020 11:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.9	30.0	90.0
150	165.1	0.0	349.6





#73

Isopropylbenzene

Concen: 17.040 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN060408.D

Acq: 10 Mar 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

VN0310WBS01

Tot Ion: 105 Resp: 195990

Ion Ratio Lower Upper

105 100

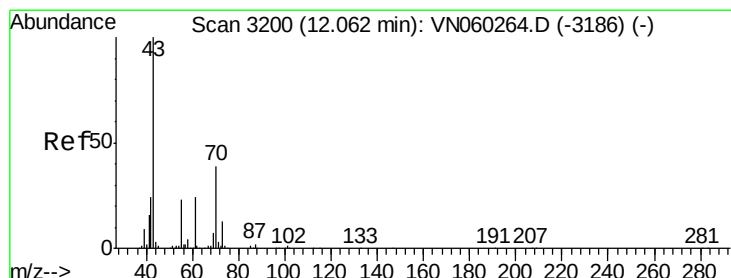
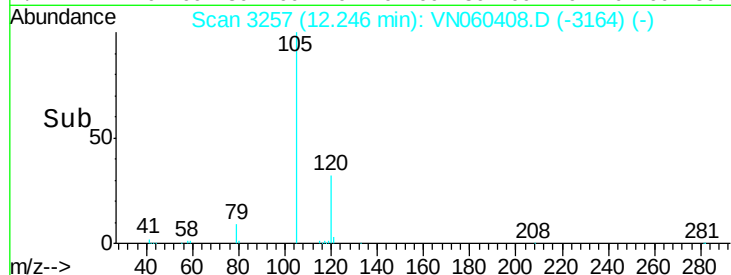
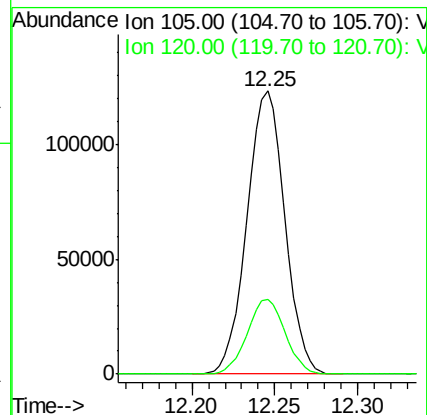
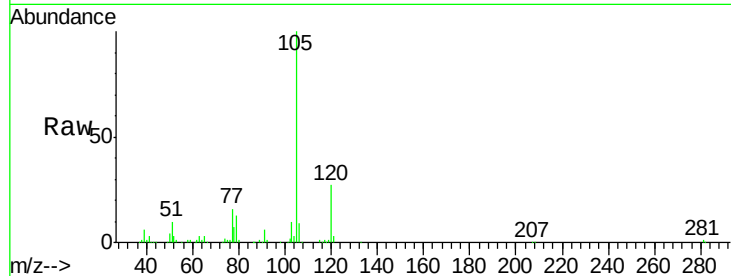
120 26.5 13.0 38.9

Manual Integrations

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#74

N-ethyl acetate

Concen: 17.084 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060408.D

Acq: 10 Mar 2020 11:48

Tgt Ion: 43 Resp: 85865

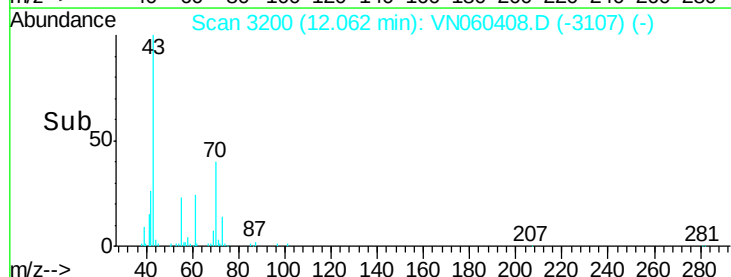
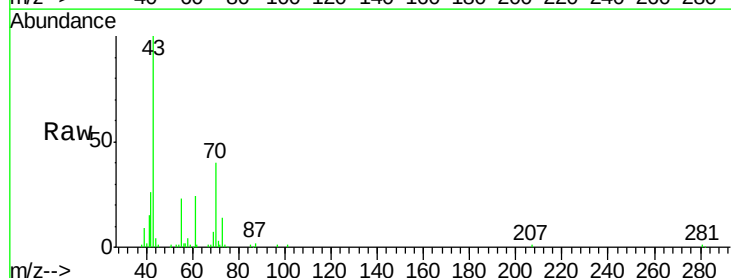
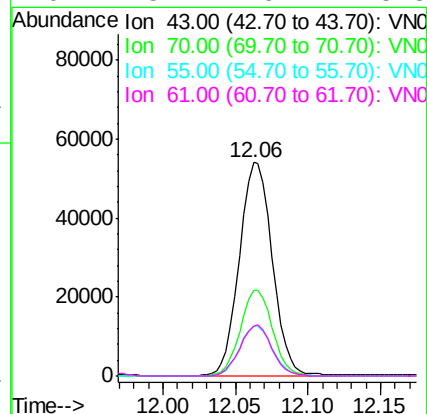
Ion Ratio Lower Upper

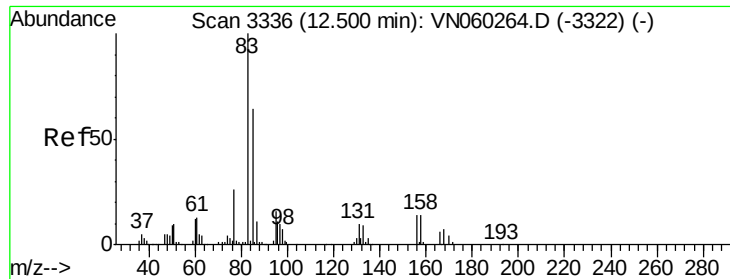
43 100

70 39.0 32.2 48.2

55 23.2 18.2 27.4

61 23.2 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 18.458 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060408.D

Acq: 10 Mar 2020 11:48

Instrument :

MSVOA_N

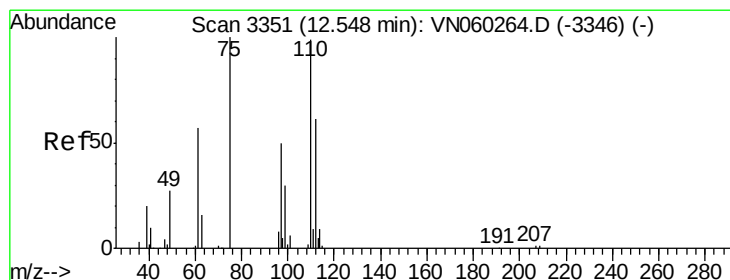
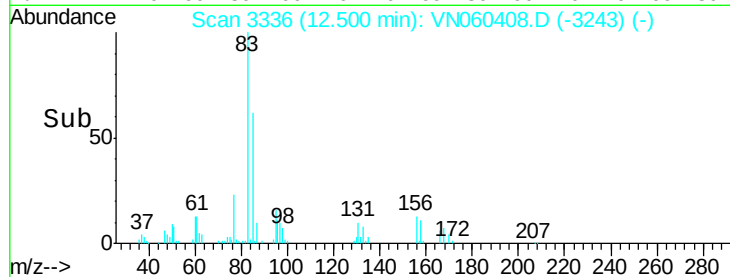
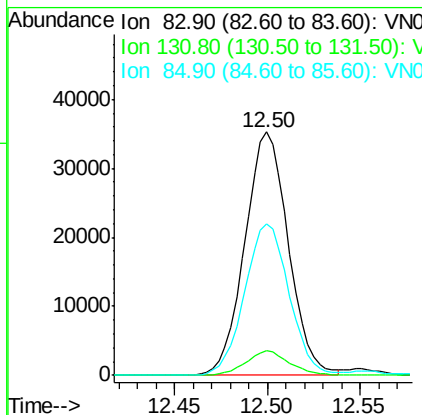
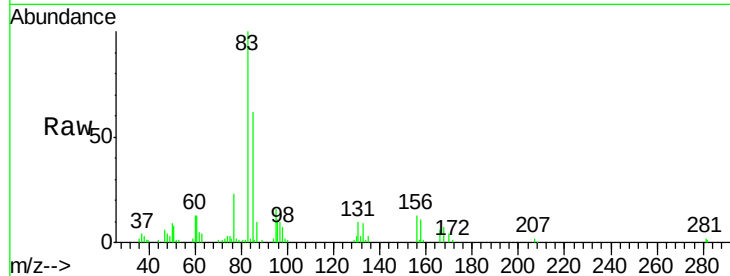
ClientSampleId :

VN0310WBS01

Tot Ion:	83	Resp:	57709
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.1	15.3
85	63.8	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 14.978 ug/l m

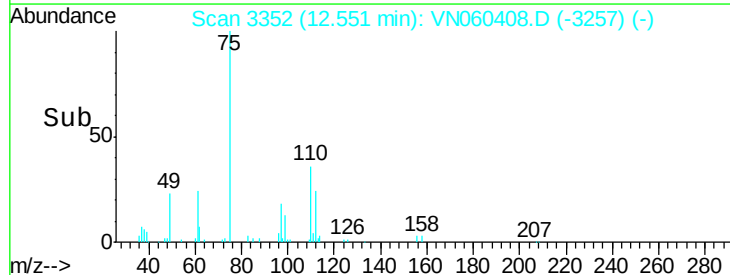
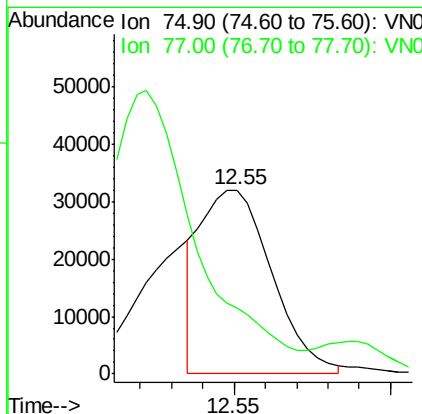
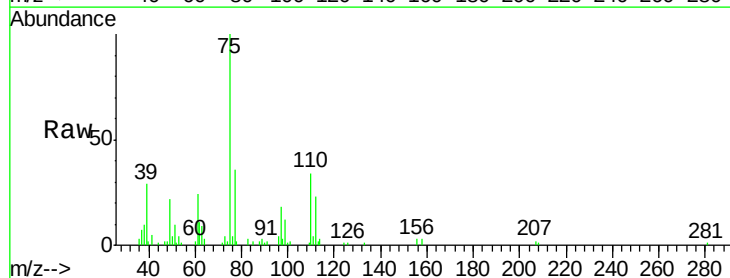
RT: 12.55 min Scan# 3352

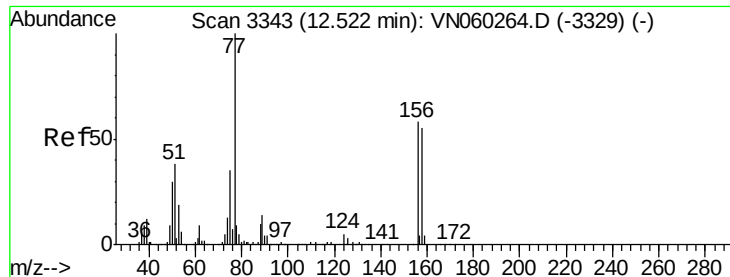
Delta R.T. 0.00 min

Lab File: VN060408.D

Acq: 10 Mar 2020 11:48

Tgt Ion:	75	Resp:	50994
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 16.843 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN060408.D

Acq: 10 Mar 2020 11:48

Instrument :

MSVOA_N

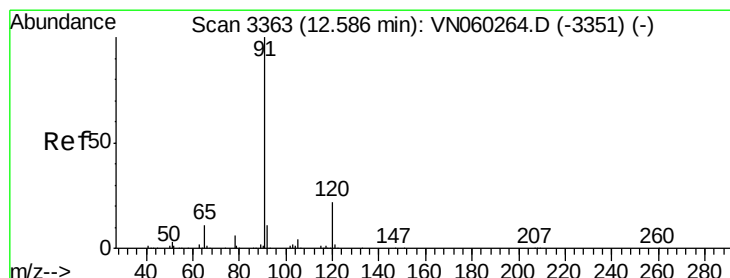
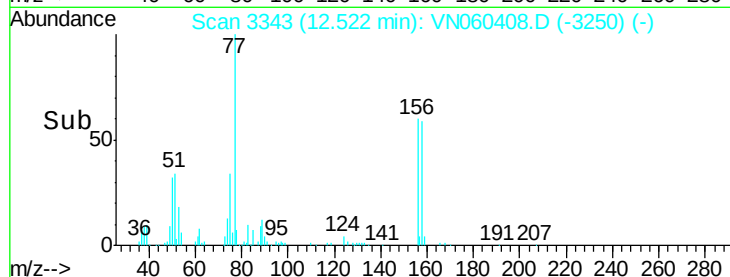
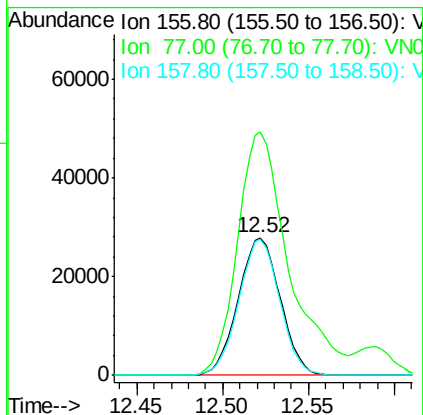
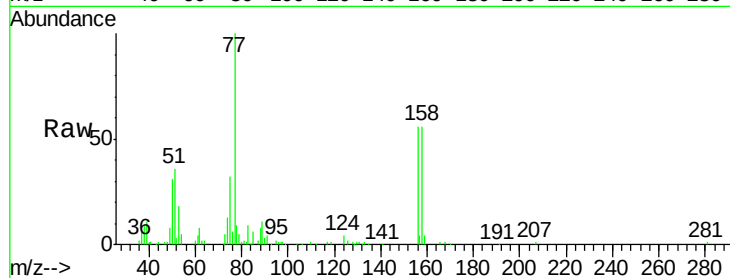
ClientSampleId :

VN0310WBS01

Tot Ion:	156	Resp:	47487
Ion	Ratio	Lower	Upper
156	100		
77	216.1	106.1	318.3
158	96.0	48.3	144.8

Manual Integrations
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#78

n-propylbenzene

Concen: 16.766 ug/l

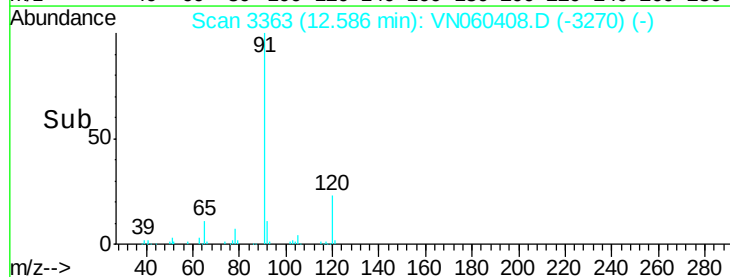
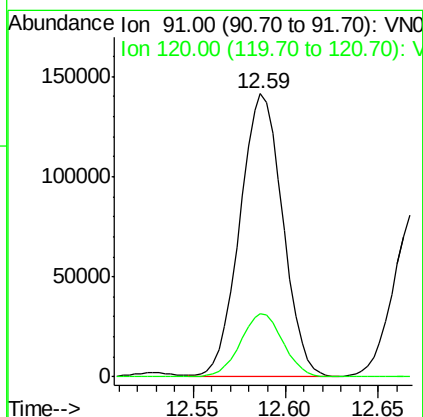
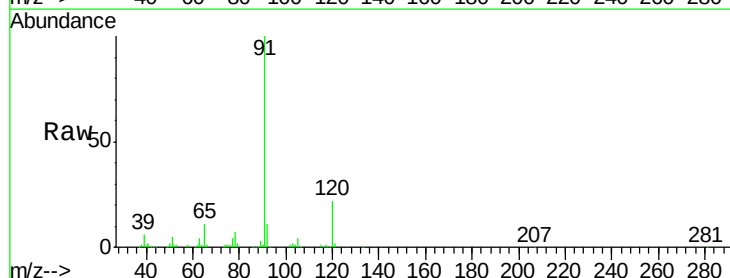
RT: 12.59 min Scan# 3363

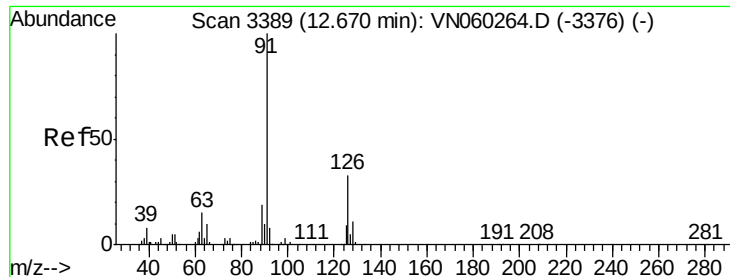
Delta R.T. -0.00 min

Lab File: VN060408.D

Acq: 10 Mar 2020 11:48

Tgt Ion:	91	Resp:	226045
Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.3	33.9





#79

2-Chlorotoluene

Concen: 17.187 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060408.D

Acq: 10 Mar 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

VN0310WBS01

Tot Ion: 91 Resp: 136214

Ion Ratio Lower Upper

91 100

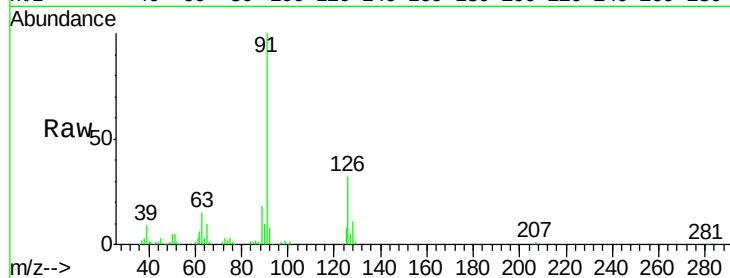
126 32.7 16.6 49.8

Manual Integrations

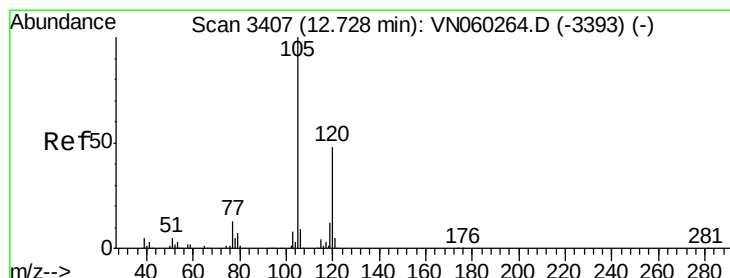
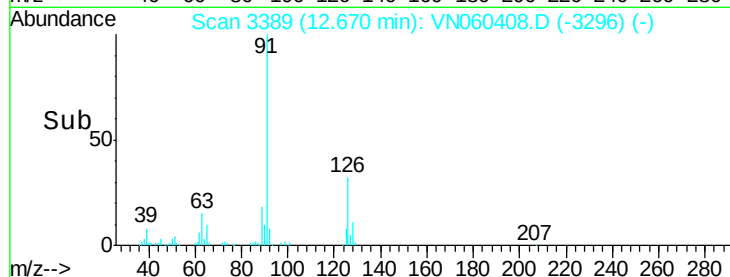
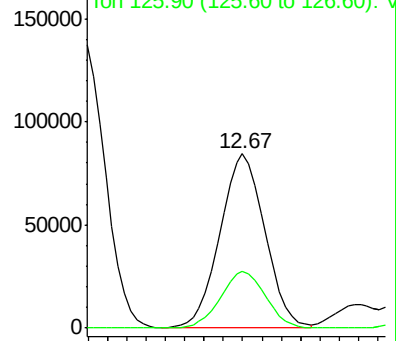
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Abundance Ion 91.00 (90.70 to 91.70): VN060408.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 17.163 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060408.D

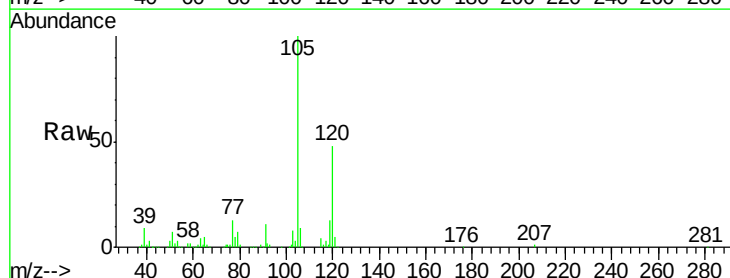
Acq: 10 Mar 2020 11:48

Tgt Ion: 105 Resp: 166211

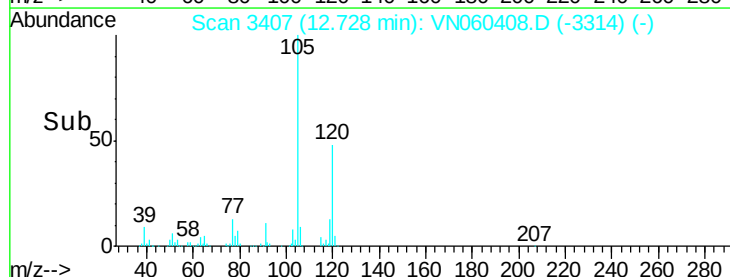
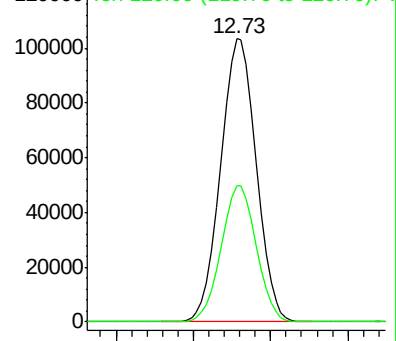
Ion Ratio Lower Upper

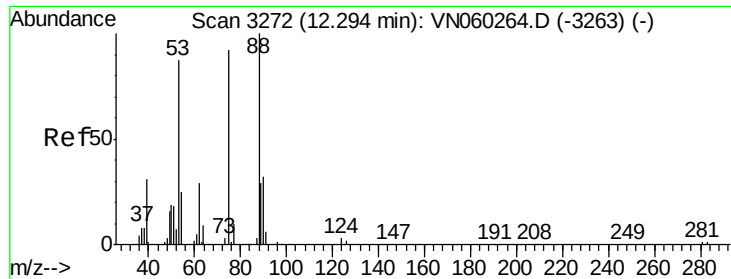
105 100

120 47.4 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN060408.D (-3393) (-)





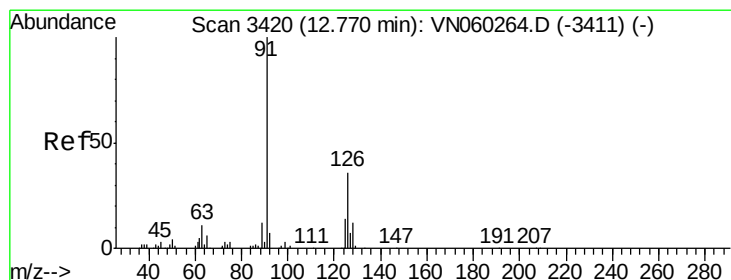
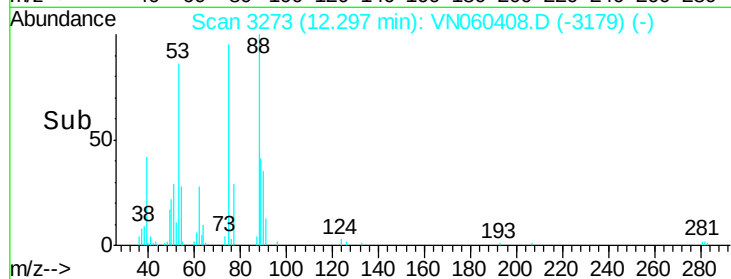
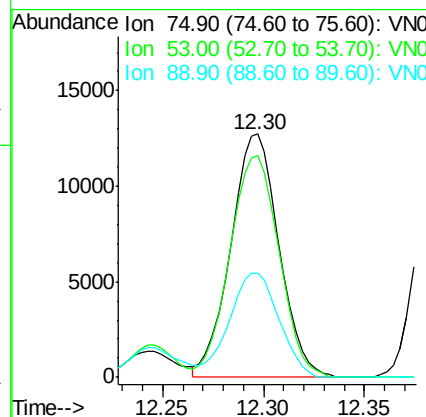
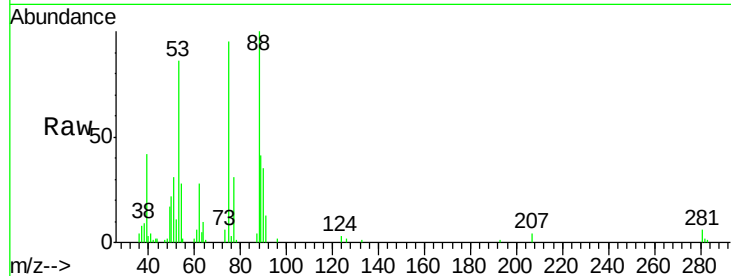
#81
trans-1,4-Dichloro-2-butene
Concen: 17.260 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. 0.00 min
Lab File: VN060408.D
Acq: 10 Mar 2020 11:48

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.2	73.8	110.6
89	44.6	57.1	85.7#

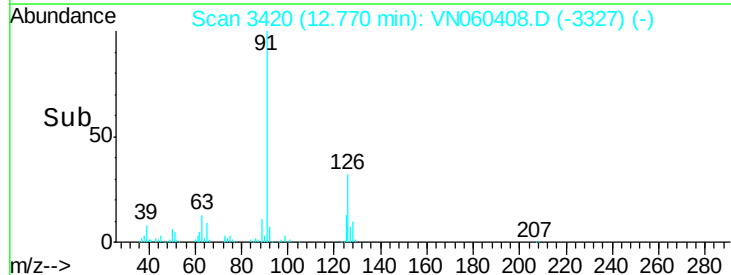
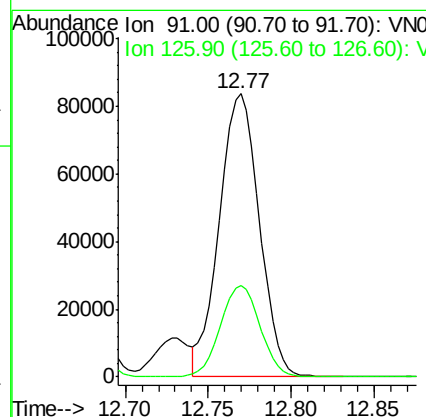
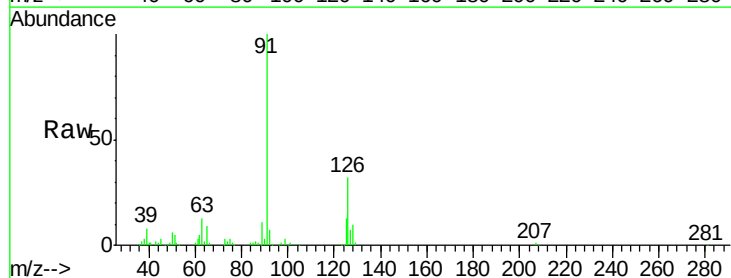
Manual Integrations
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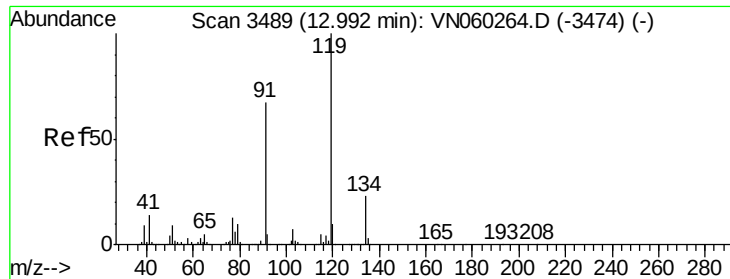
MMDadoda
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#82
4-Chlorotoluene
Concen: 16.842 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. -0.00 min
Lab File: VN060408.D
Acq: 10 Mar 2020 11:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.9	16.7	50.1





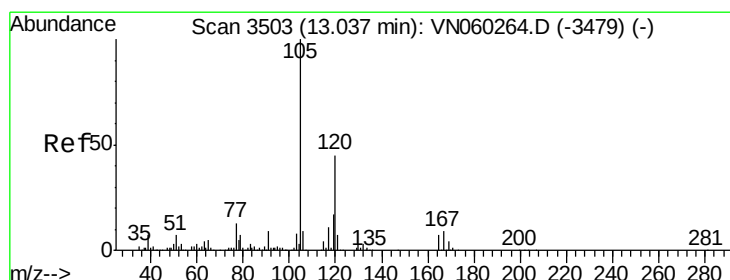
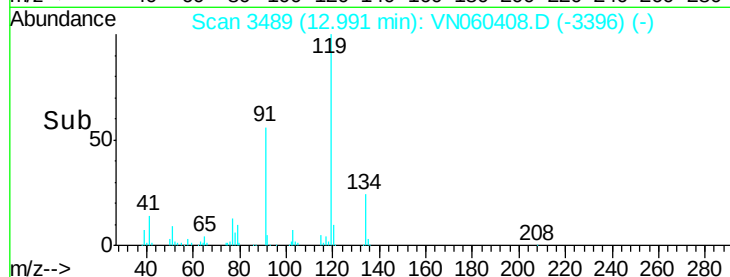
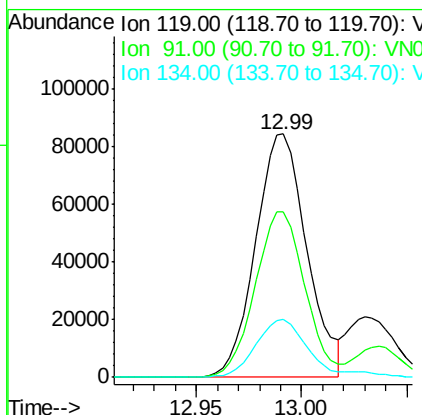
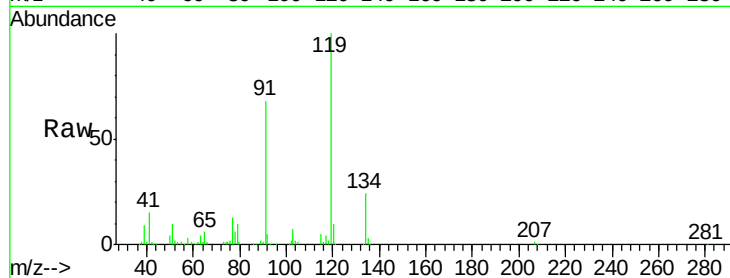
#83
 tert-Butylbenzene
 Concen: 16.987 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN060408.D
 Acq: 10 Mar 2020 11:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0310WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.1	33.1	99.2
134	24.9	12.4	37.0

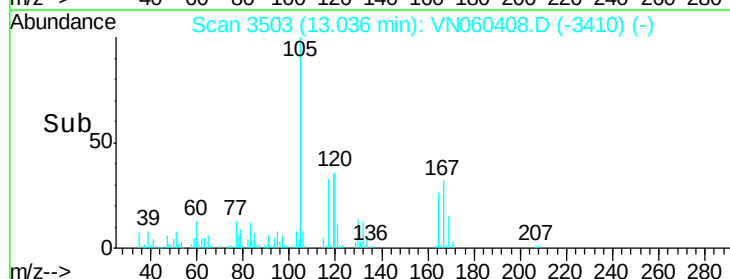
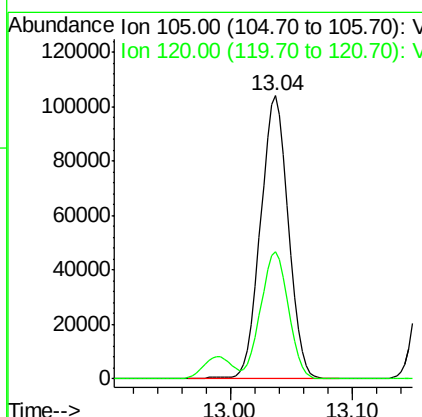
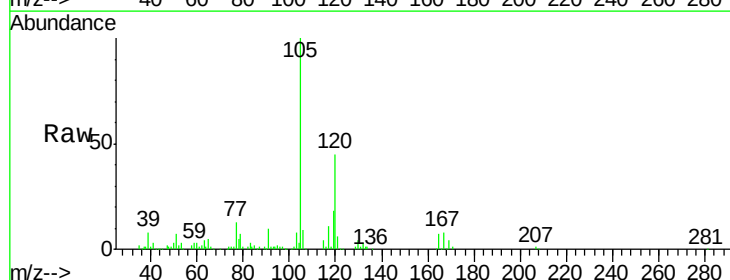
Manual Integrations
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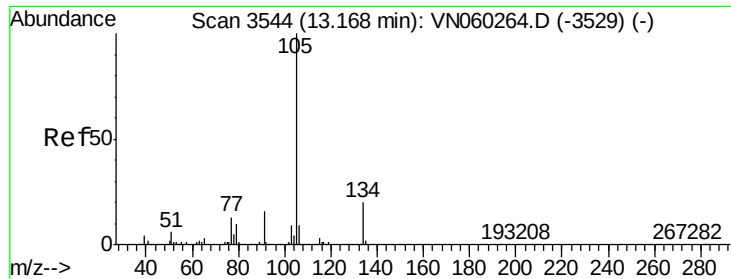
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#84
 1,2,4-Trimethylbenzene
 Concen: 16.827 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN060408.D
 Acq: 10 Mar 2020 11:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.3	66.9





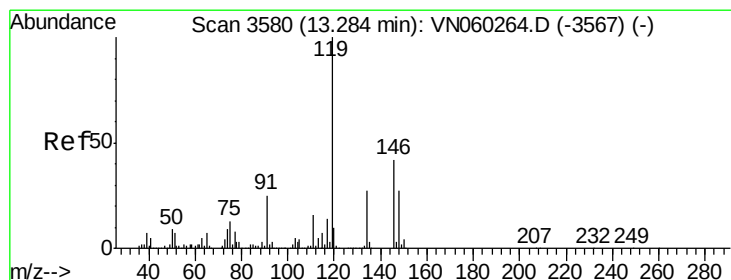
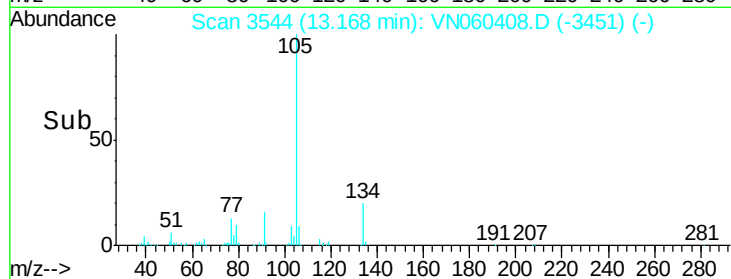
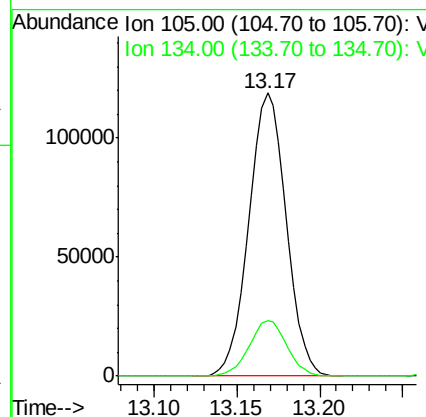
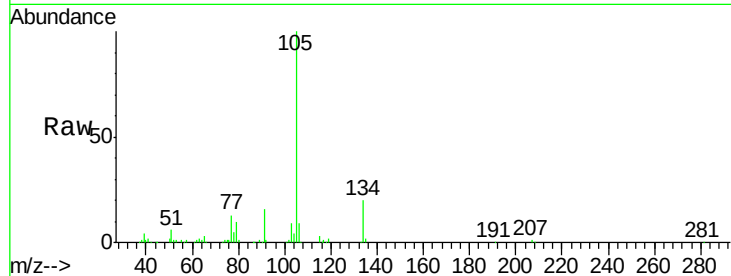
#85
 sec-Butylbenzene
 Concen: 16.640 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: VN060408.D
 Acq: 10 Mar 2020 11:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0310WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	186824		
134	19.7	9.8	29.5	

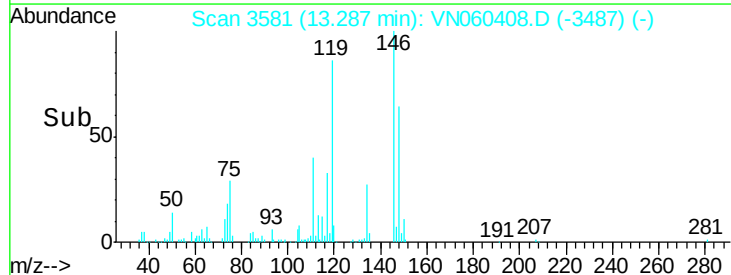
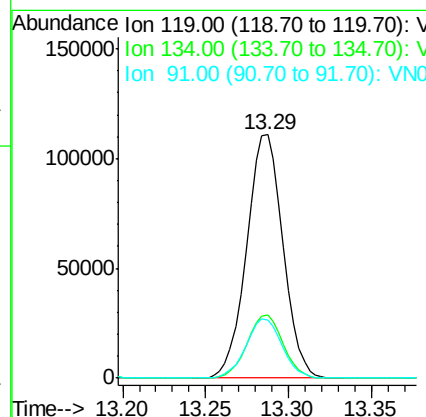
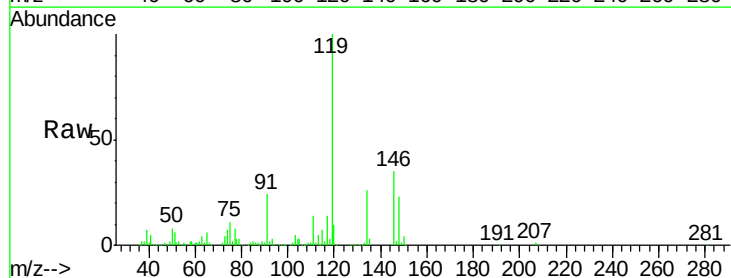
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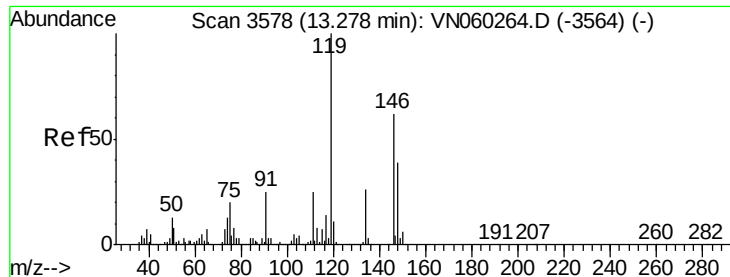
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#86
 p-Isopropyltoluene
 Concen: 16.189 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN060408.D
 Acq: 10 Mar 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	168235		
134	25.9	13.2	39.6	
91	24.4	12.2	36.6	





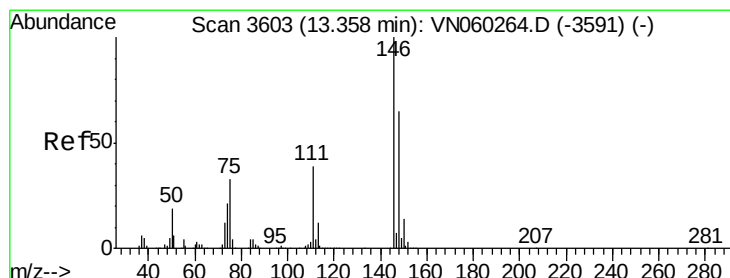
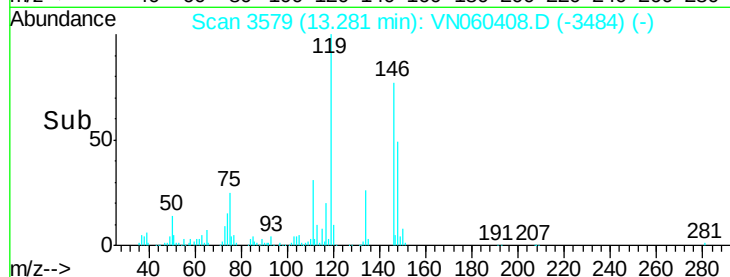
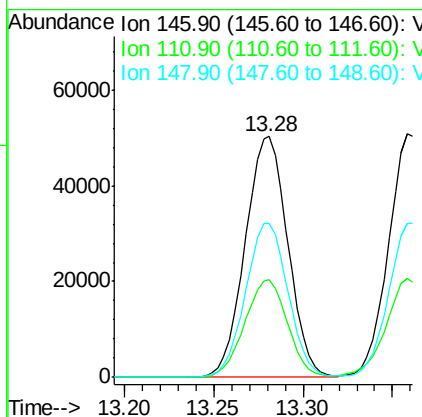
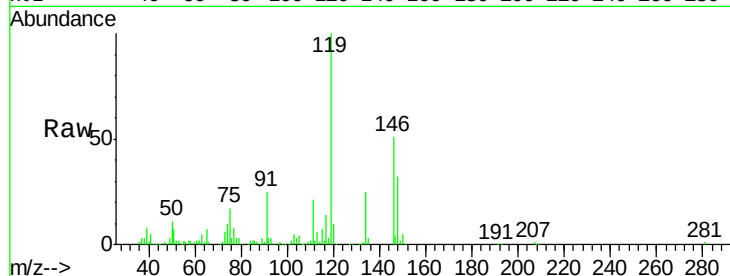
#87
 1,3-Dichlorobenzene
 Concen: 17.204 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN060408.D
 Acq: 10 Mar 2020 11:48

Instrument :
 MSVOA_N
 ClientSampled :
 VN0310WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.0	59.9
148	63.6	32.1	96.3

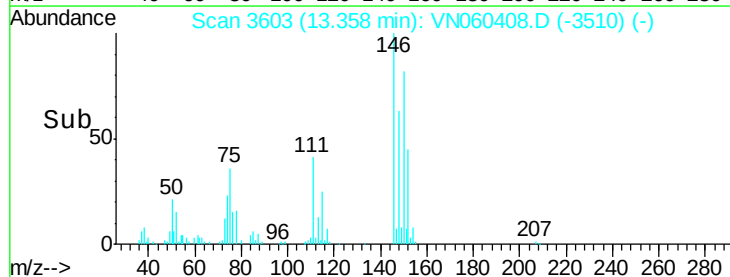
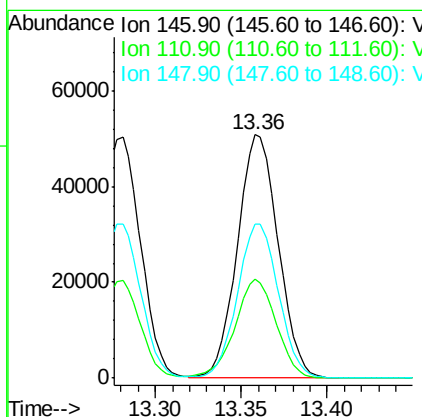
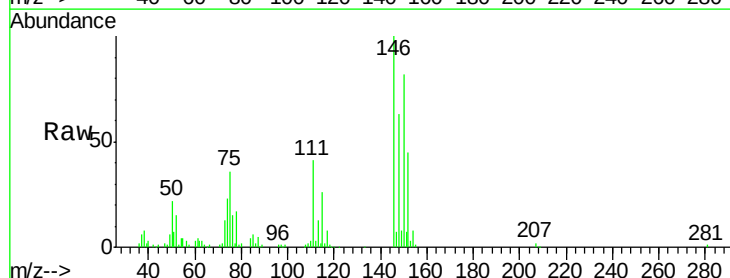
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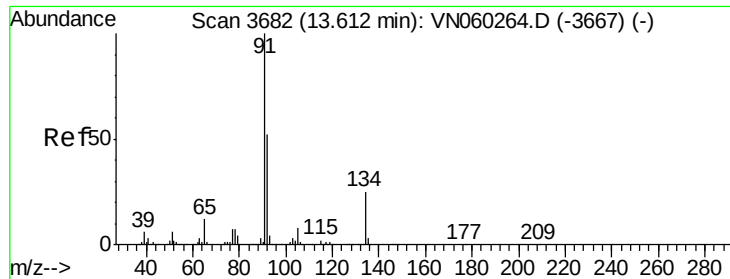
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#88
 1,4-Dichlorobenzene
 Concen: 17.156 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN060408.D
 Acq: 10 Mar 2020 11:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	19.8	59.4
148	63.8	32.3	96.9





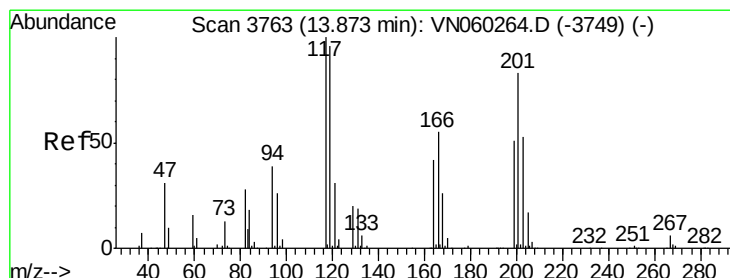
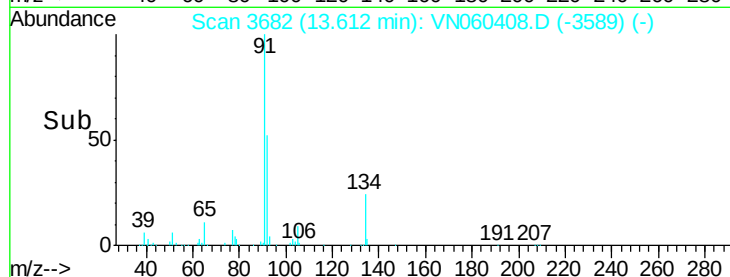
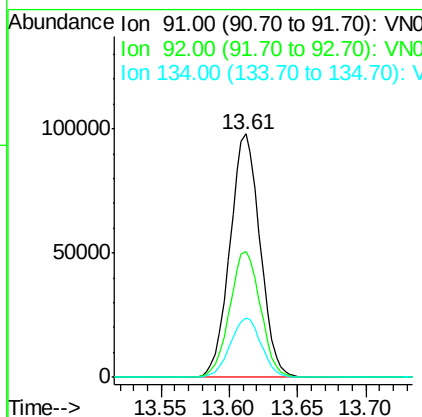
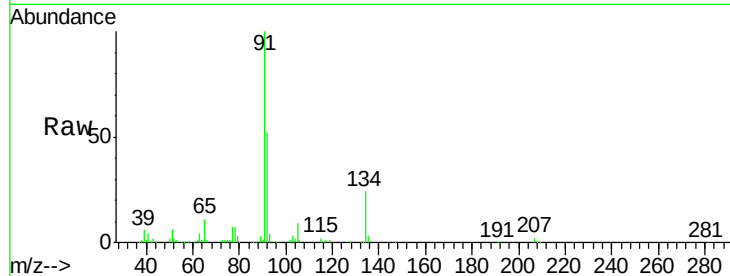
#89
n-Butylbenzene
Concen: 15.699 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN060408.D
Acq: 10 Mar 2020 11:48

Instrument :
MSVOA_N
ClientSampled :
VN0310WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.0	78.0
134	25.1	12.7	38.1

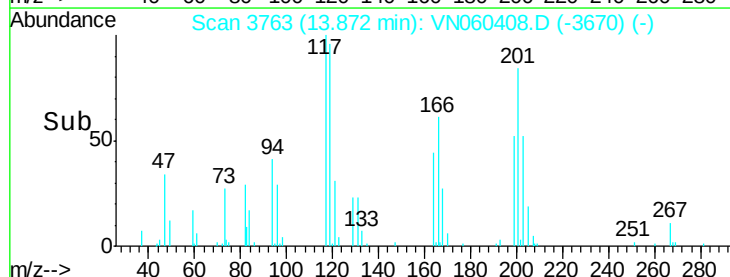
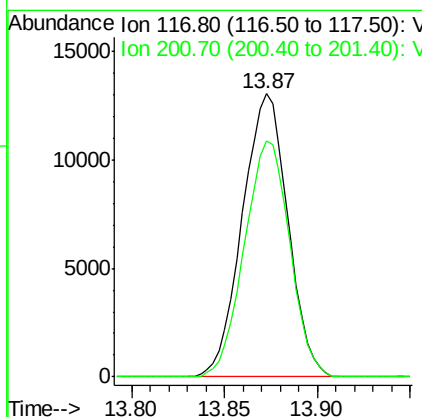
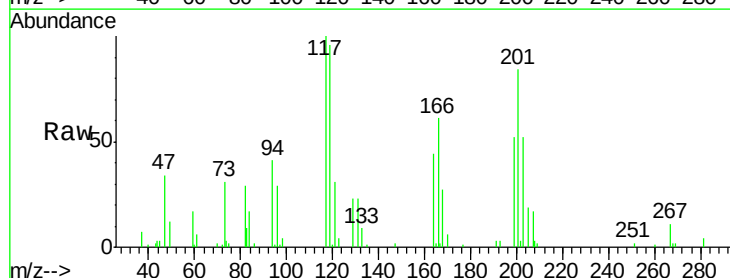
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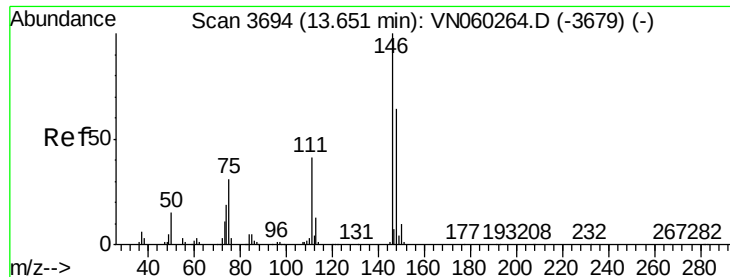
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#90
Hexachloroethane
Concen: 14.799 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN060408.D
Acq: 10 Mar 2020 11:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.1	41.0	123.0





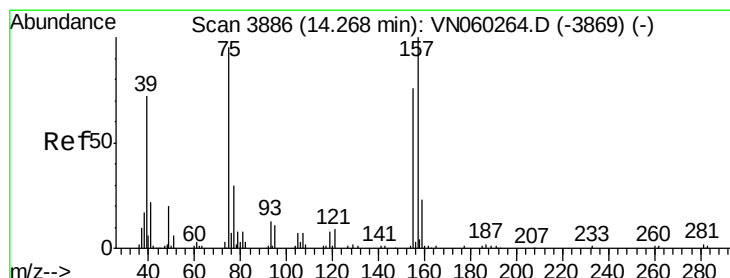
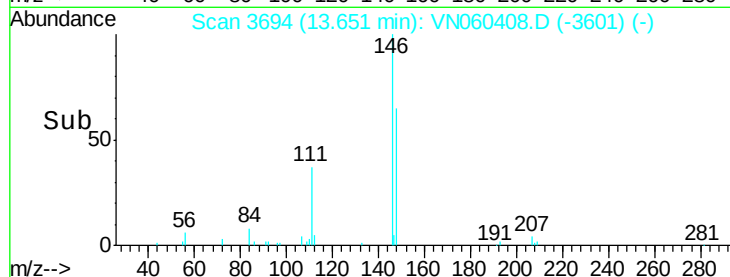
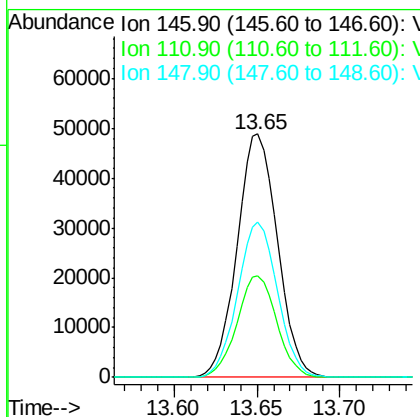
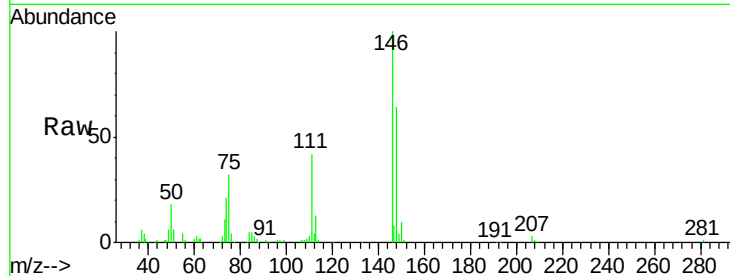
#91
 1,2-Dichlorobenzene
 Concen: 16.729 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN060408.D
 Acq: 10 Mar 2020 11:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0310WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.3	61.0
148	63.0	31.8	95.3

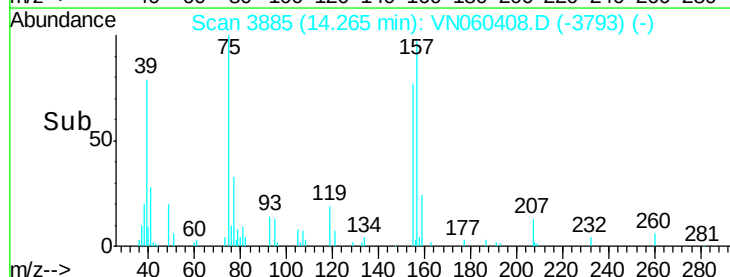
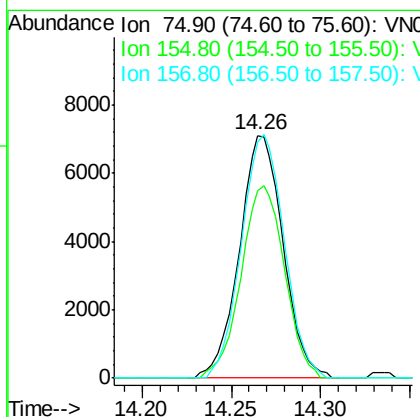
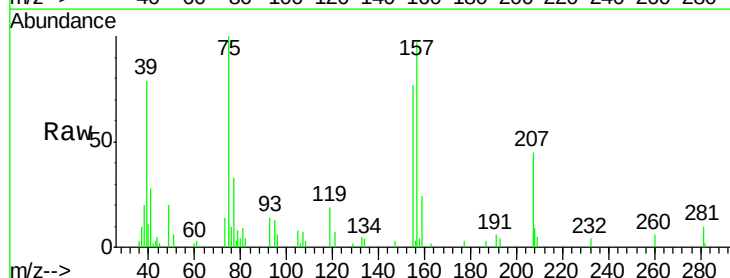
Manual Integrations
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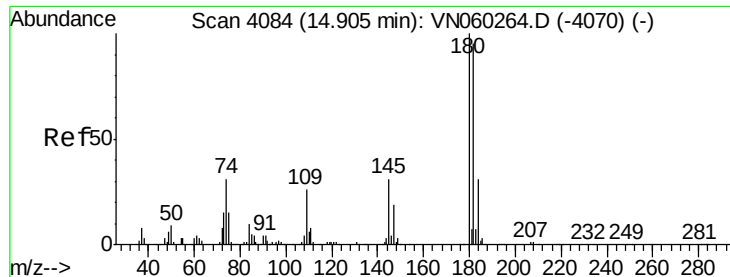
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 3/11/2020 3:23:09 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.169 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VN060408.D
 Acq: 10 Mar 2020 11:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.7	40.4	121.2
157	98.6	52.5	157.5





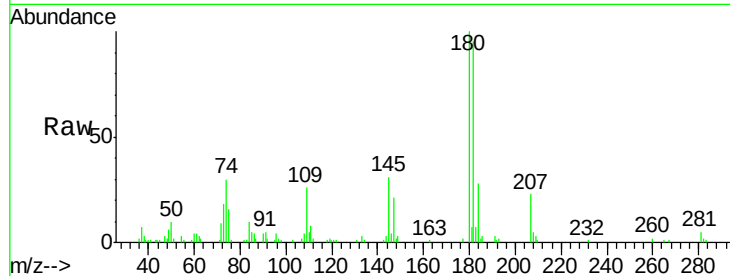
#93
 1,2,4-Trichlorobenzene
 Concen: 15.730 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060408.D
 Acq: 10 Mar 2020 11:48

Instrument :
 MSVOA_N
 ClientSampled :
 VN0310WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.8	143.3
145	31.1	15.4	46.1

Manual Integrations
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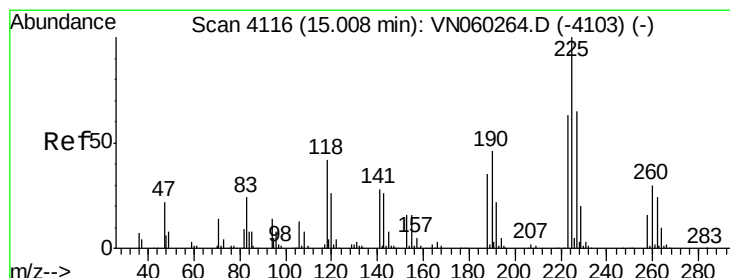
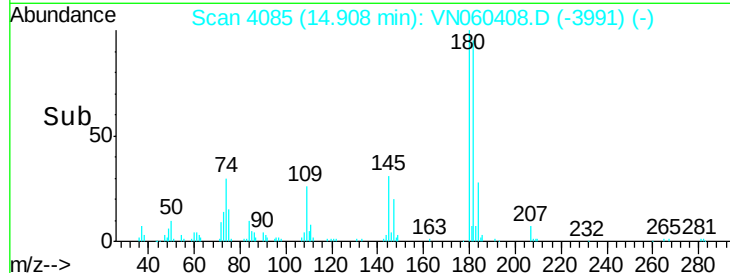
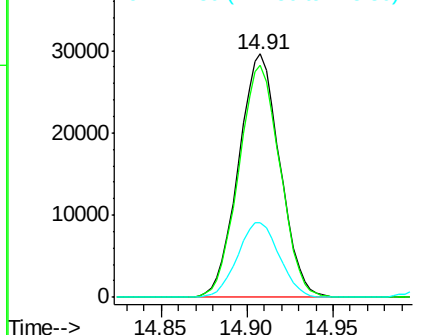


Abundance

Ion 179.80 (179.50 to 180.50): V

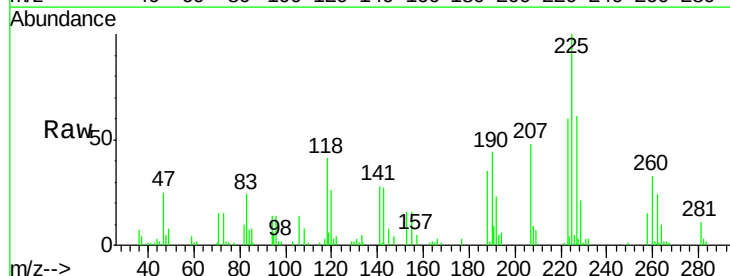
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 17.173 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060408.D
 Acq: 10 Mar 2020 11:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	31.3	93.9
227	62.8	32.3	96.9

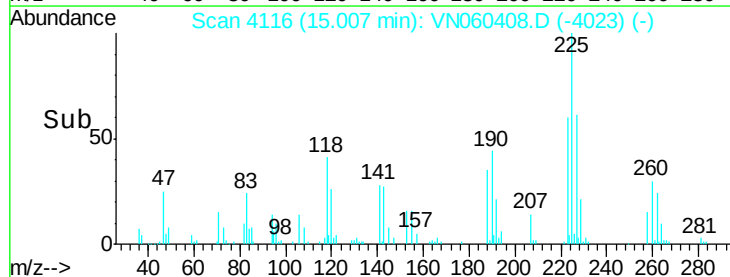
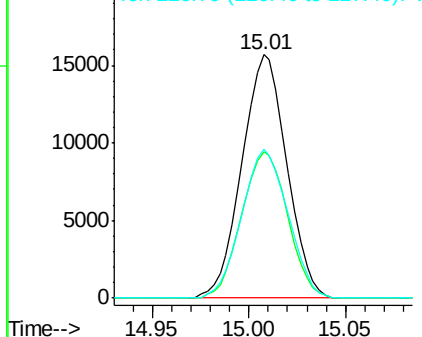


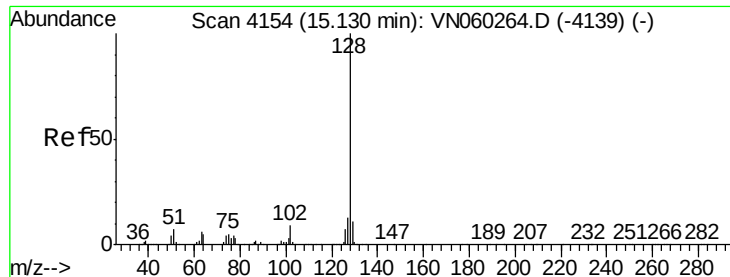
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





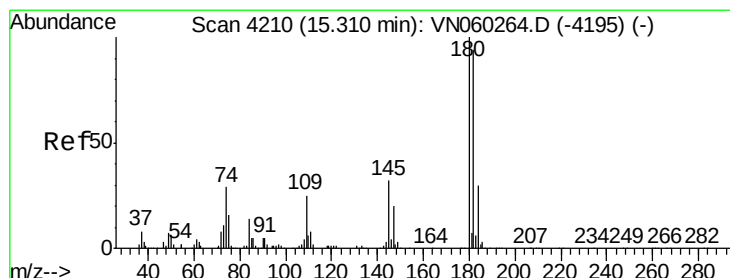
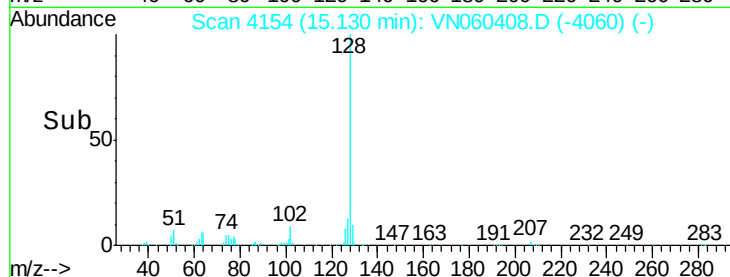
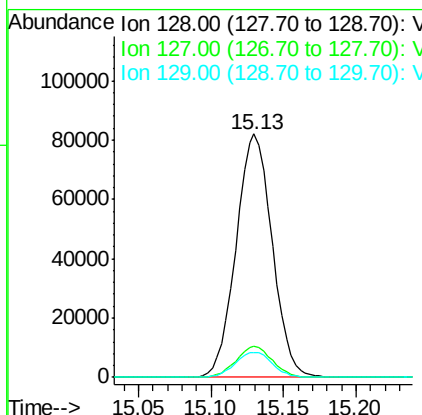
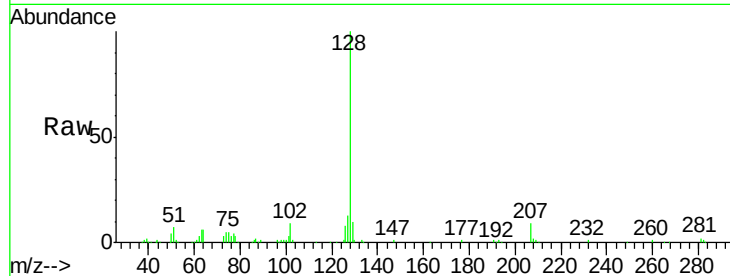
#95
Naphthalene
Concen: 15.185 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060408.D
Acq: 10 Mar 2020 11:48

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	142153		
127	12.7	10.4	15.6	
129	10.6	8.6	13.0	

Manual Integrations
APPROVED

MMDadoda
3/11/2020 3:23:09 PM



#96
1,2,3-Trichlorobenzene
Concen: 15.763 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN060408.D
Acq: 10 Mar 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	46970		
182	93.5	47.3	142.0	
145	32.9	16.2	48.5	

