

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021320\
 Data File : VN060085.D
 Acq On : 13 Feb 2020 11:24
 Operator : JC/MD
 Sample : VN0213WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0213WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/14/2020 10:27:45 AM

Quant Time: Feb 14 05:26:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	206900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	325587	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	301653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	146468	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	123857	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
35) Dibromofluoromethane	7.56	113	99402	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
50) Toluene-d8	10.08	98	386841	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
62) 4-Bromofluorobenzene	12.40	95	138699	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	38418	18.577	ug/l	99
3) Chloromethane	2.04	50	45807	18.612	ug/l	100
4) Vinyl Chloride	2.17	62	52024	18.545	ug/l	98
5) Bromomethane	2.55	94	31603	18.373	ug/l	97
6) Chloroethane	2.69	64	25019	17.633	ug/l	99
7) Trichlorofluoromethane	3.00	101	64813	17.920	ug/l	95
8) Diethyl Ether	3.39	74	22440	18.639	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	36900	18.376	ug/l	99
10) Methyl Iodide	3.93	142	46747	18.950	ug/l	99
11) Tert butyl alcohol	4.73	59	36237	96.183	ug/l	99
12) 1,1-Dichloroethene	3.72	96	35876	18.340	ug/l	97
13) Acrolein	3.58	56	23904	64.190	ug/l	96
14) Allyl chloride	4.30	41	52974	18.399	ug/l	96
15) Acrylonitrile	4.95	53	87819	95.448	ug/l	100
16) Acetone	3.78	43	93102	84.779	ug/l	98
17) Carbon Disulfide	4.03	76	104569	17.735	ug/l	98
18) Methyl Acetate	4.29	43	38632	18.727	ug/l	98
19) Methyl tert-butyl Ether	5.01	73	120526	18.321	ug/l	100
20) Methylene Chloride	4.52	84	39352	17.961	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	38969	18.275	ug/l	94
22) Diisopropyl ether	5.91	45	114695	18.177	ug/l	94
23) Vinyl Acetate	5.86	43	485321	91.589	ug/l	100
24) 1,1-Dichloroethane	5.82	63	69378	18.150	ug/l	100
25) 2-Butanone	6.80	43	124841	90.389	ug/l	99
26) 2,2-Dichloropropane	6.79	77	64894	17.874	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	44689	17.908	ug/l	99
28) Bromochloromethane	7.17	49	29226	19.448	ug/l	98
29) Tetrahydrofuran	7.18	42	79455	93.774	ug/l	99
30) Chloroform	7.35	83	72591	18.129	ug/l	96
31) Cyclohexane	7.63	56	66207	18.593	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	66908	18.285	ug/l	100
36) 1,1-Dichloropropene	7.77	75	54686	18.134	ug/l	99
37) Ethyl Acetate	6.90	43	51212	18.790	ug/l	99
38) Carbon Tetrachloride	7.75	117	58792	17.951	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	67668	18.076	ug/l	98
40) Benzene	8.02	78	161773	18.084	ug/l	100
41) Methacrylonitrile	7.14	41	20189m	17.663	ug/l	
42) 1,2-Dichloroethane	8.10	62	57822	18.442	ug/l	100
43) Isopropyl Acetate	8.14	43	86383	18.541	ug/l #	92
44) Trichloroethene	8.82	130	43954	17.745	ug/l	99
45) 1,2-Dichloropropane	9.10	63	41200	18.603	ug/l	100
46) Dibromomethane	9.19	93	28315	18.092	ug/l	98
47) Bromodichloromethane	9.39	83	58276	18.315	ug/l	99
48) Methyl methacrylate	9.18	41	37116	17.756	ug/l	98
49) 1,4-Dioxane	9.18	88	14704	411.694	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	248764	92.246	ug/l	100
52) Toluene	10.14	92	103324	18.011	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	64733	18.023	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	68452	18.099	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	41097	18.363	ug/l	99
56) Ethyl methacrylate	10.42	69	58226	18.392	ug/l	99
57) 1,3-Dichloropropane	10.70	76	67659	18.322	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	137844	93.459	ug/l	100
59) 2-Hexanone	10.74	43	187611	90.061	ug/l	100
60) Dibromochloromethane	10.89	129	45265	17.625	ug/l	99
61) 1,2-Dibromoethane	11.00	107	42200	17.988	ug/l	97
64) Tetrachloroethene	10.62	164	40784	17.785	ug/l	96
65) Chlorobenzene	11.43	112	110972	18.057	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	42545	18.300	ug/l	99
67) Ethyl Benzene	11.50	91	200121	18.055	ug/l	99
68) m/p-Xylenes	11.62	106	150060	36.071	ug/l	100
69) o-Xylene	11.94	106	72815	18.179	ug/l	100
70) Styrene	11.96	104	114590	17.741	ug/l	99
71) Bromoform	12.12	173	33612	17.975	ug/l #	98
73) Isopropylbenzene	12.25	105	197047	18.016	ug/l	100
74) N-amyl acetate	12.07	43	72982	18.505	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	59471	18.891	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	54257m	19.362	ug/l	
77) Bromobenzene	12.52	156	48755	17.962	ug/l	99
78) n-propylbenzene	12.59	91	222909	17.888	ug/l	100
79) 2-Chlorotoluene	12.67	91	130888	17.870	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	165570	18.206	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	20344	17.776	ug/l	99
82) 4-Chlorotoluene	12.77	91	133772	17.802	ug/l	99
83) tert-Butylbenzene	12.99	119	140063	17.411	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	164160	18.287	ug/l	99
85) sec-Butylbenzene	13.17	105	189040	17.743	ug/l	100
86) p-Isopropyltoluene	13.29	119	171878	17.806	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	86483	18.000	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	85216	17.739	ug/l	98
89) n-Butylbenzene	13.61	91	148473	17.487	ug/l	99
90) Hexachloroethane	13.87	117	31349	17.384	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	83822	17.827	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12289	17.863	ug/l	94

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Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	49710	17.992	ug/l	99
94) Hexachlorobutadiene	15.01	225	27598	17.063	ug/l	99
95) Naphthalene	15.13	128	133184	17.846	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	48672	17.690	ug/l	99

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

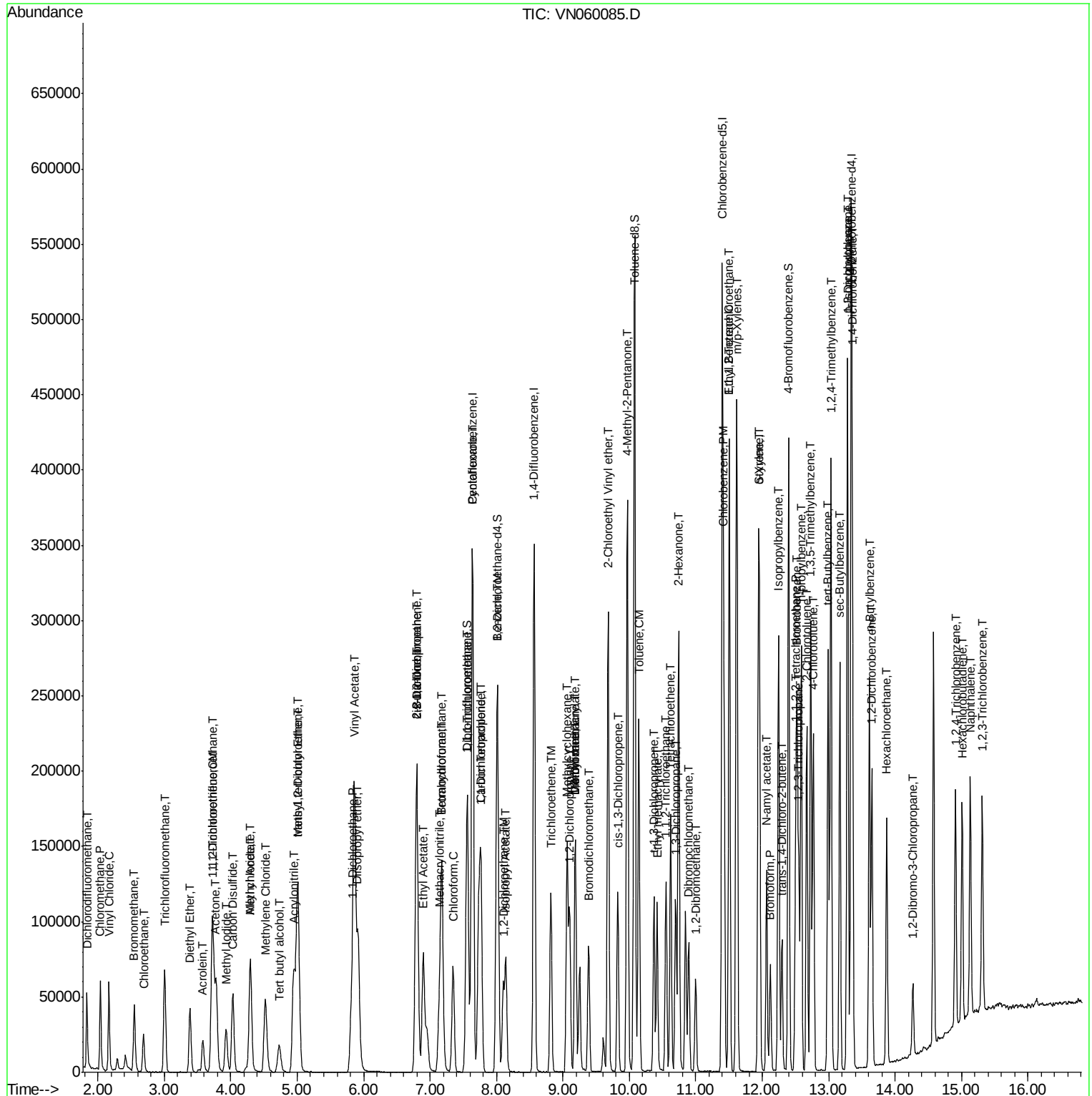
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 Data File : VN060085.D
 Acq On : 13 Feb 2020 11:24
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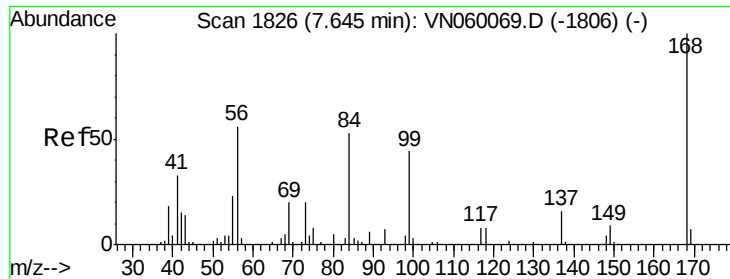
Instrument :
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 ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060085.D

Acq: 13 Feb 2020 11:24

Instrument :

MSVOA_N

ClientSampleId :

VN0213WBS01

Tot Ion:168 Resp: 206900

Ion Ratio Lower Upper

168 100

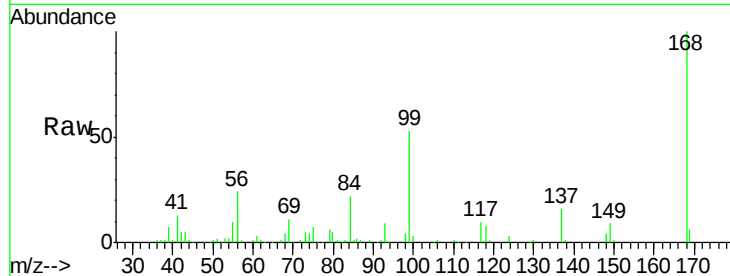
99 53.4 42.7 64.1

Manual Integrations

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2/14/2020 10:27:45 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

40000

20000

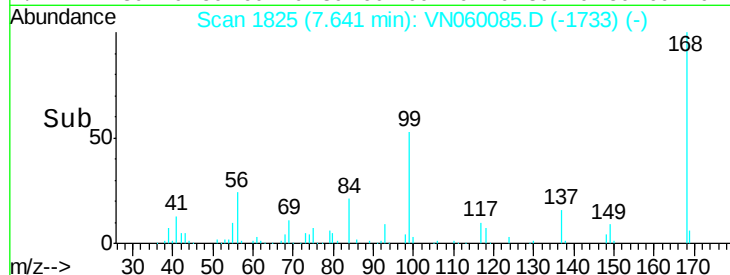
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7.50

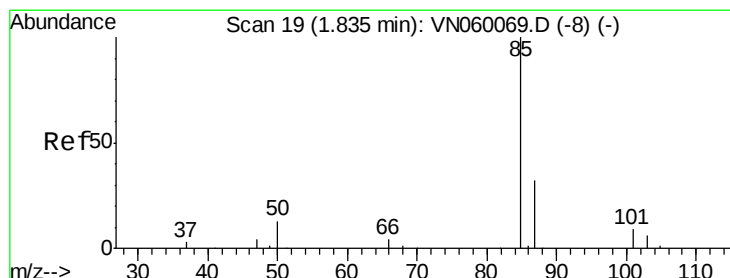
7.60

7.70

7.80



Time-->



#2

Dichlorodifluoromethane

Concen: 18.577 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN060085.D

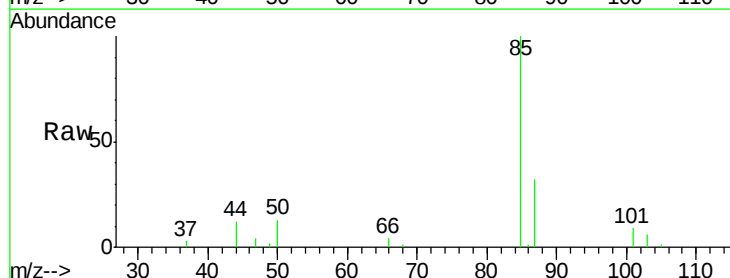
Acq: 13 Feb 2020 11:24

Tgt Ion: 85 Resp: 38418

Ion Ratio Lower Upper

85 100

87 32.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

30000

25000

20000

15000

10000

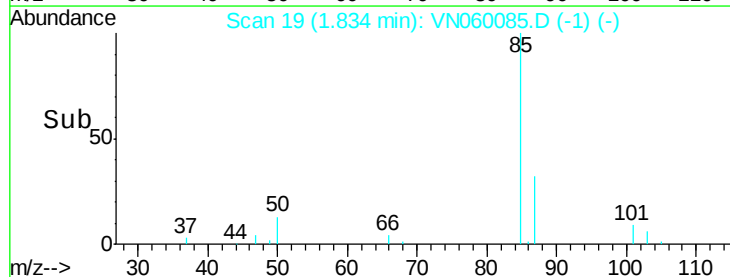
5000

0

1.80

1.85

1.90



Time-->



#3

Chloromethane

Concen: 18.612 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN060085.D

Acq: 13 Feb 2020 11:24

Instrument :

MSVOA_N

ClientSampleId :

VN0213WBS01

Tot Ion: 50 Resp: 45807

Ion Ratio Lower Upper

50 100

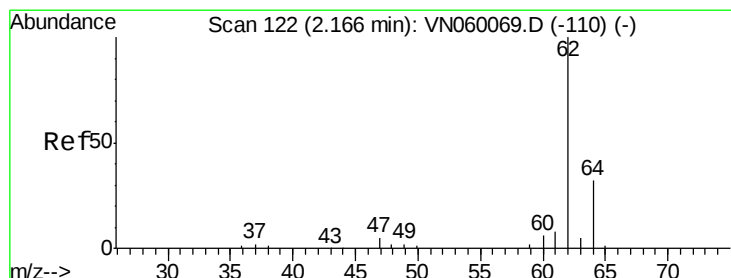
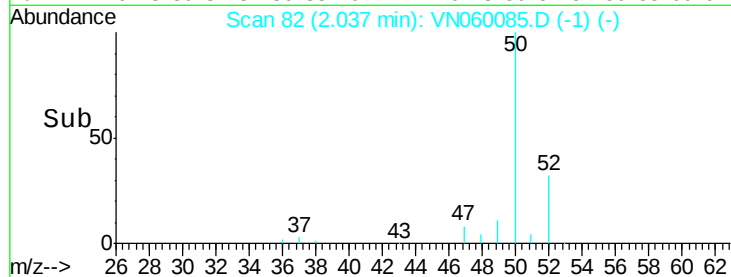
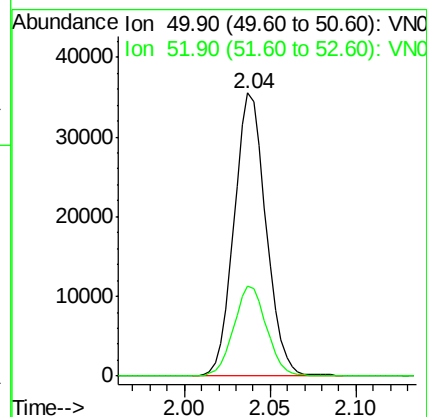
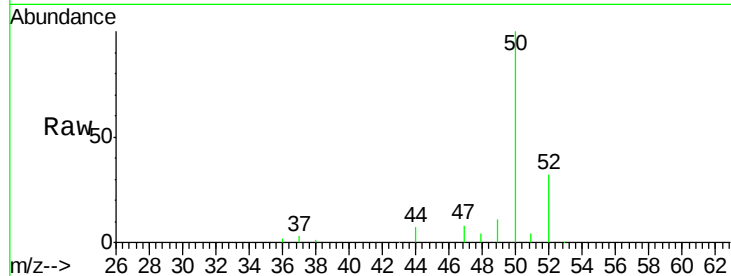
52 32.0 25.6 38.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.545 ug/l

RT: 2.17 min Scan# 122

Delta R.T. -0.00 min

Lab File: VN060085.D

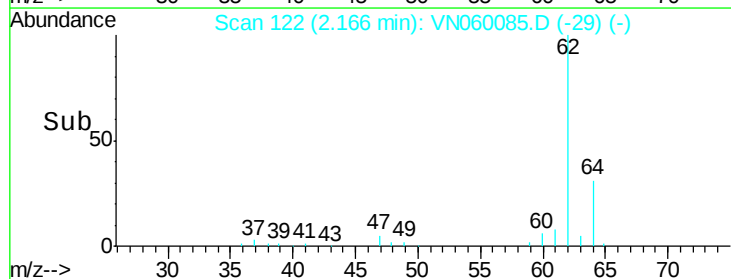
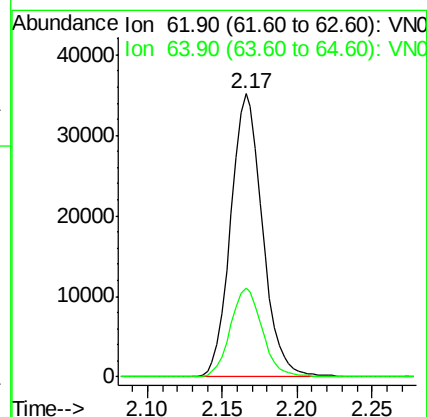
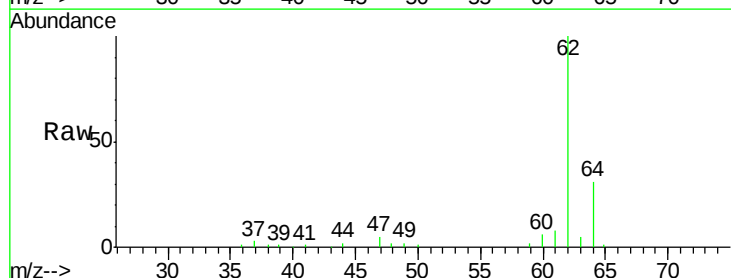
Acq: 13 Feb 2020 11:24

Tgt Ion: 62 Resp: 52024

Ion Ratio Lower Upper

62 100

64 31.4 25.9 38.9





#5

Bromomethane

Concen: 18.373 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN060085.D

Acq: 13 Feb 2020 11:24

Instrument :

MSVOA_N

ClientSampleId :

VN0213WBS01

Tot Ion: 94 Resp: 31603

Ion Ratio Lower Upper

94 100

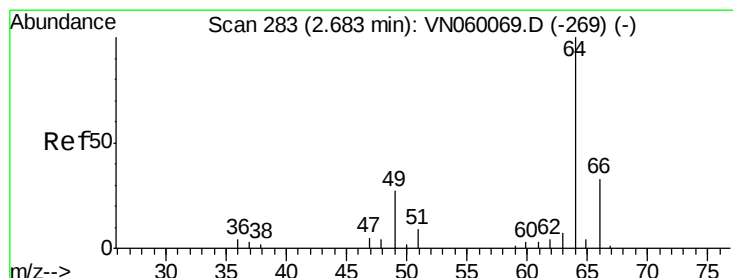
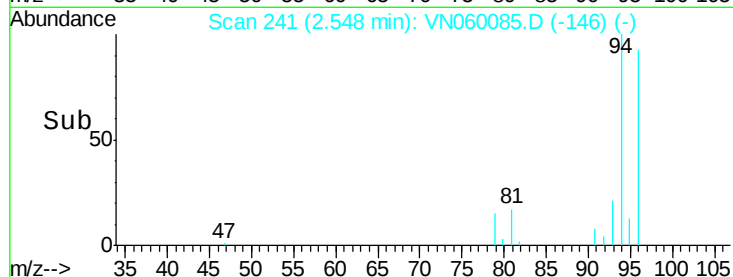
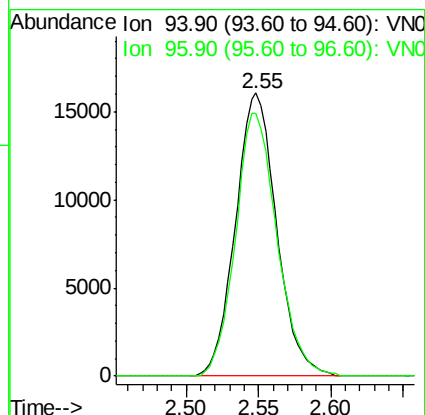
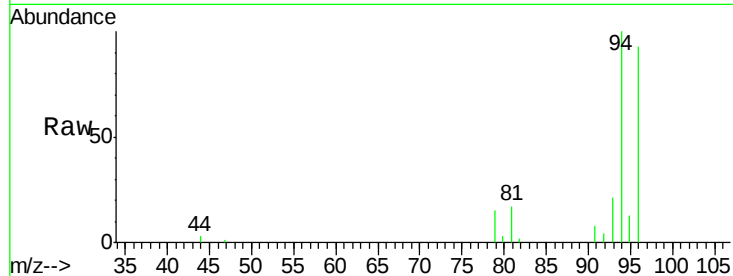
96 92.9 76.7 115.1

Manual Integrations

APPROVED

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2/14/2020 10:27:45 AM



#6

Chloroethane

Concen: 17.633 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN060085.D

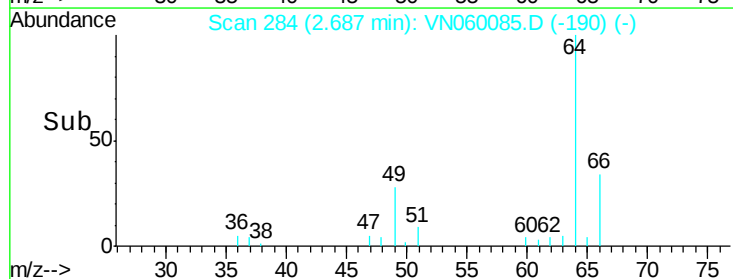
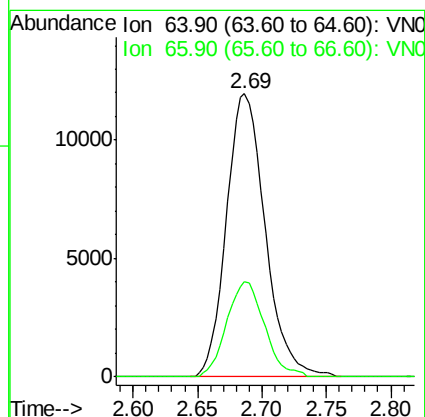
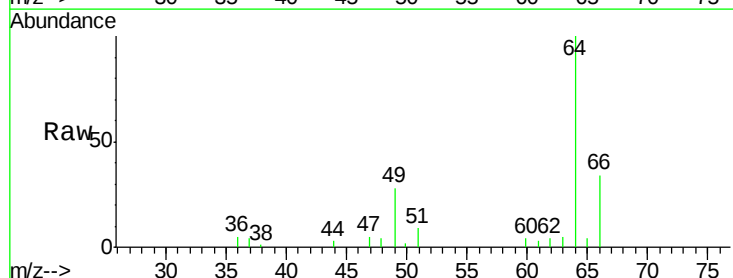
Acq: 13 Feb 2020 11:24

Tgt Ion: 64 Resp: 25019

Ion Ratio Lower Upper

64 100

66 33.6 26.6 40.0





#7

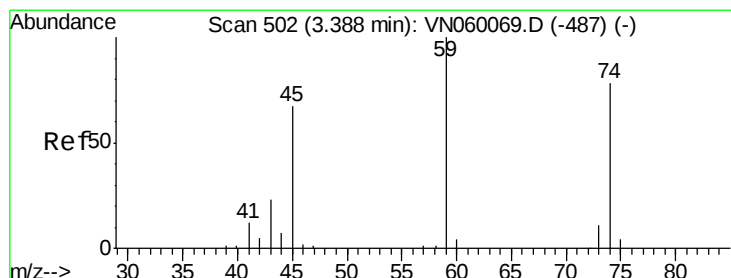
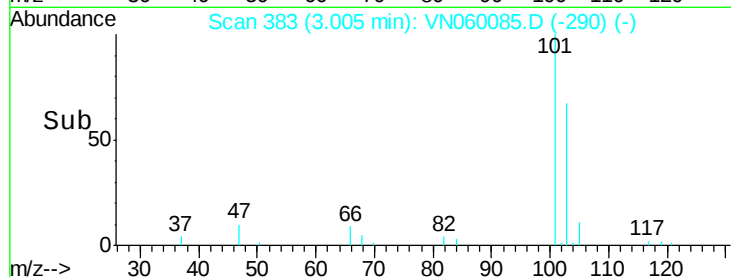
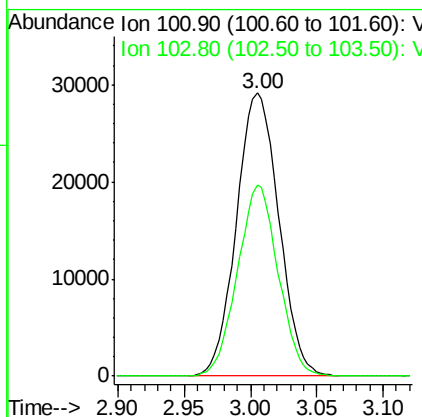
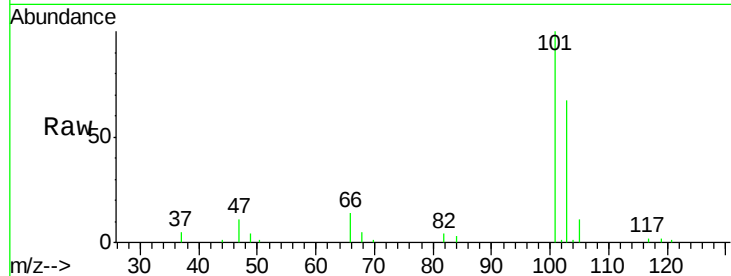
Trichlorofluoromethane
 Concen: 17.920 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. -0.00 min
 Lab File: VN060085.D
 Acq: 13 Feb 2020 11:24

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		64813		
103	67.5	51.0	76.6		

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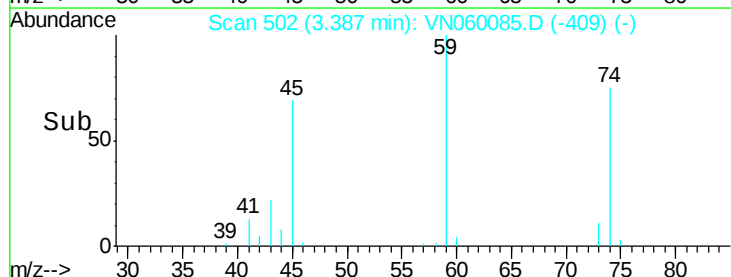
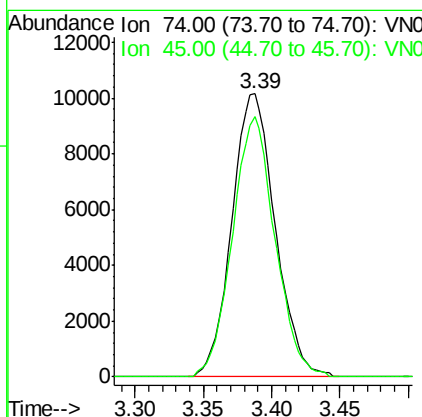
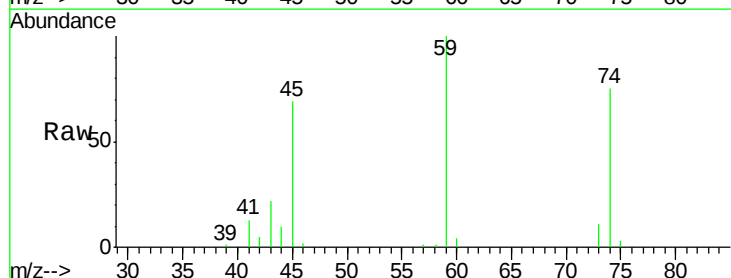
MMDadoda
 2/14/2020 10:27:45 AM

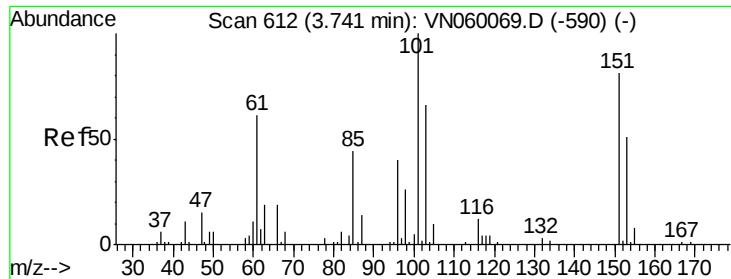


#8

Diethyl Ether
 Concen: 18.639 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: VN060085.D
 Acq: 13 Feb 2020 11:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		22440		
45	90.1	44.7	134.1		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.376 ug/l

RT: 3.74 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN060085.D

Acq: 13 Feb 2020 11:24

Instrument :

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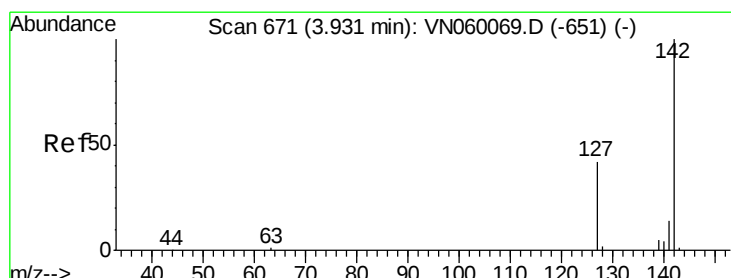
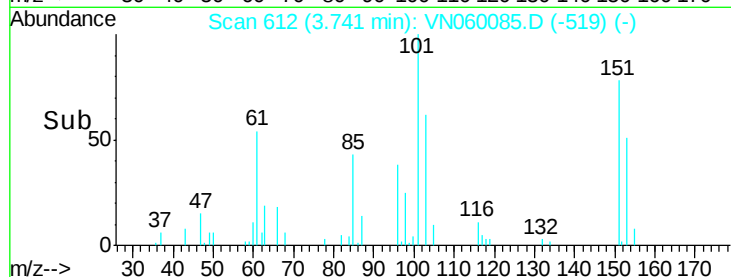
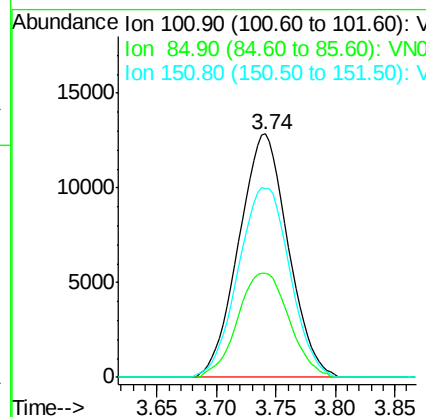
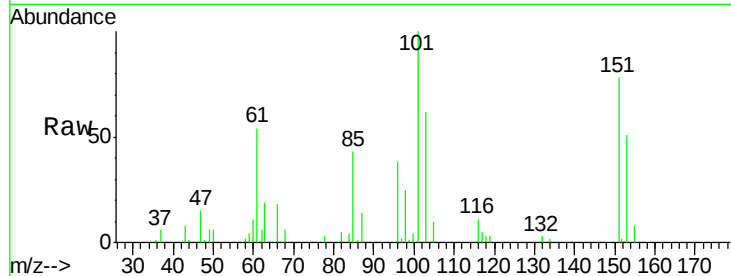
ClientSampleId :

VN0213WBS01

Tot Ion:	101	Resp:	36900
Ion Ratio	Lower	Upper	
101	100		
85	44.5	35.1	52.7
151	81.6	65.8	98.6

Manual Integrations
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#10

Methyl Iodide

Concen: 18.950 ug/l

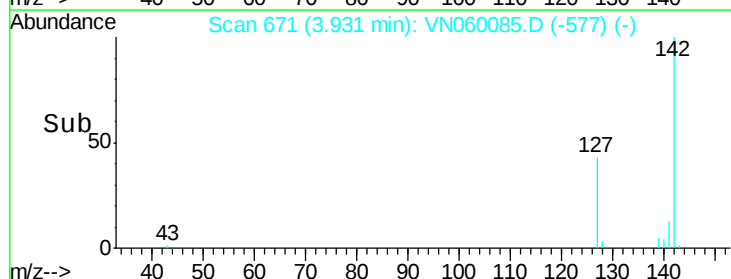
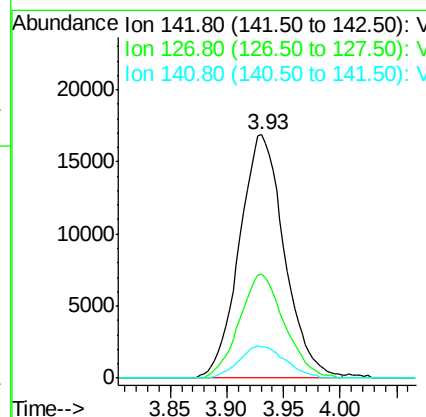
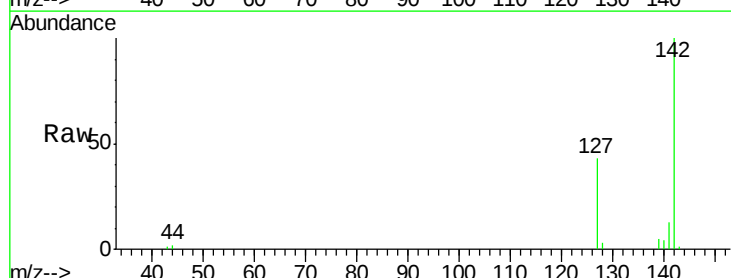
RT: 3.93 min Scan# 671

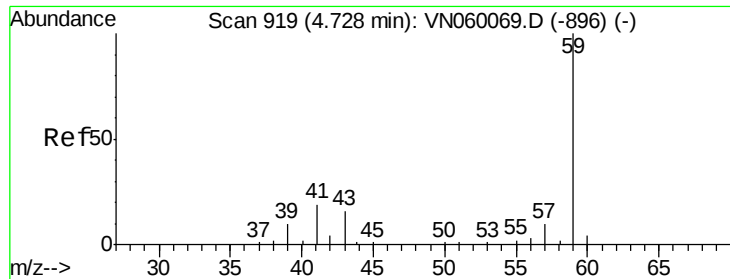
Delta R.T. 0.00 min

Lab File: VN060085.D

Acq: 13 Feb 2020 11:24

Tgt Ion:	142	Resp:	46747
Ion Ratio	Lower	Upper	
142	100		
127	42.7	33.6	50.4
141	13.4	11.4	17.2





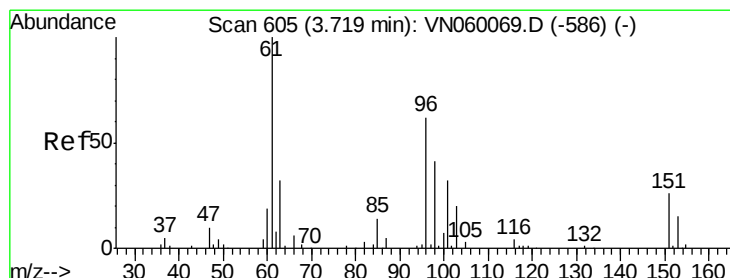
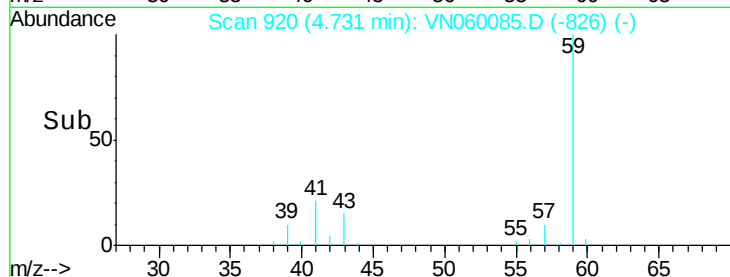
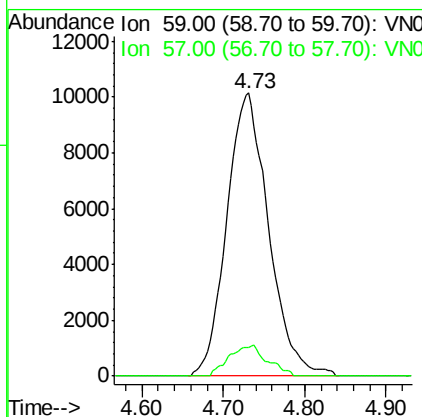
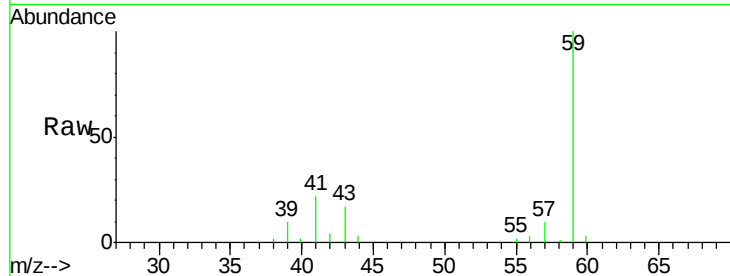
#11
Tert butyl alcohol
Concen: 96.183 ug/l
RT: 4.73 min Scan# 920
Delta R.T. 0.00 min
Lab File: VN060085.D
Acq: 13 Feb 2020 11:24

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	36237		
57	10.0		8.2	12.4

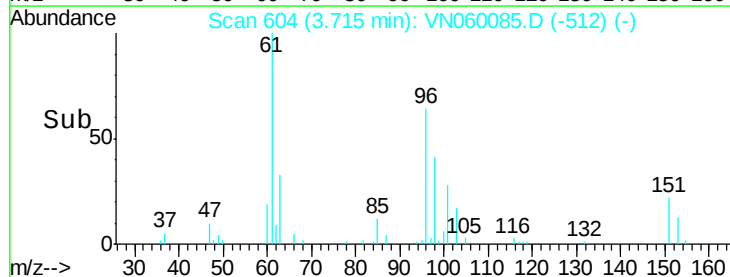
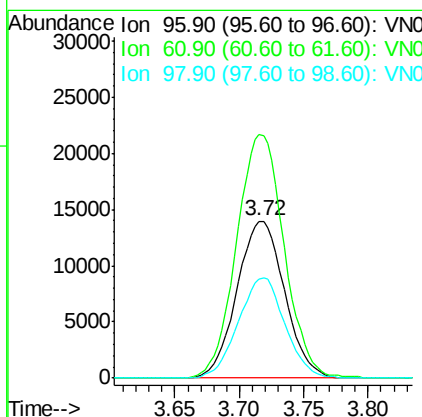
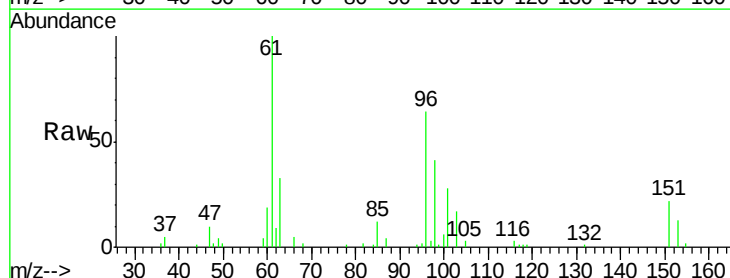
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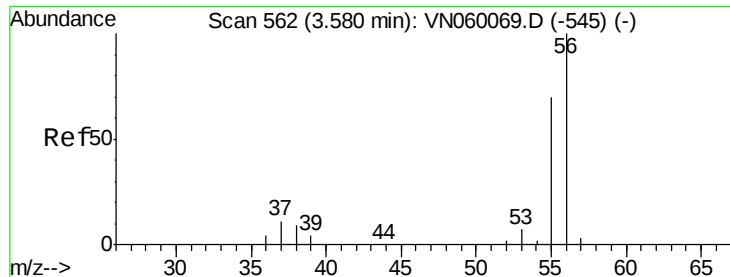
MMDadoda
2/14/2020 10:27:45 AM



#12
1,1-Dichloroethene
Concen: 18.340 ug/l
RT: 3.72 min Scan# 604
Delta R.T. -0.00 min
Lab File: VN060085.D
Acq: 13 Feb 2020 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	35876		
61	155.4		128.3	192.5
98	63.2		52.2	78.4





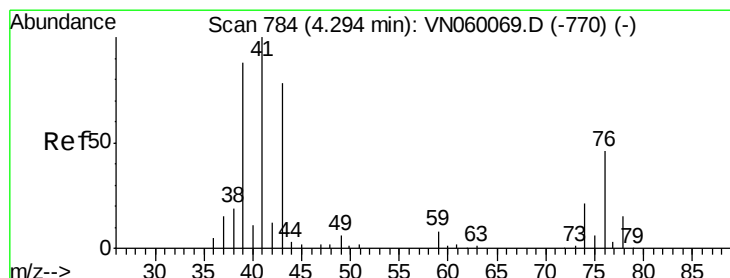
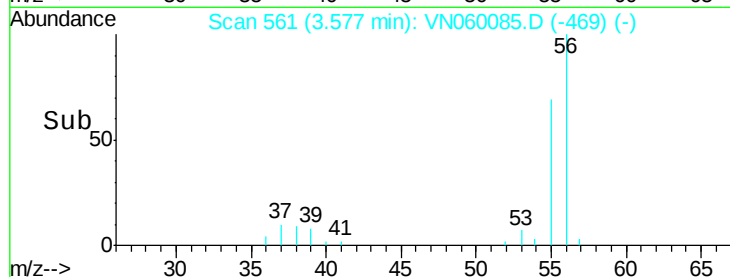
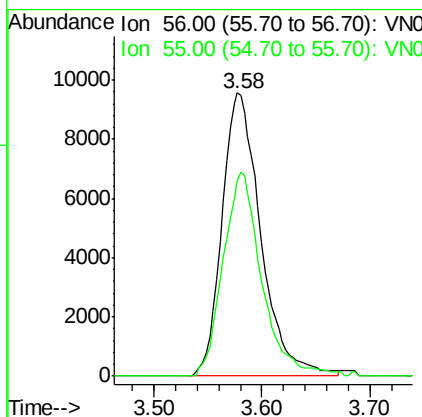
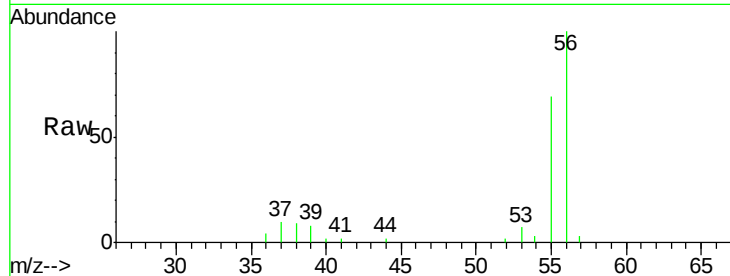
#13
Acrolein
Concen: 64.190 ug/l
RT: 3.58 min Scan# 561
Delta R.T. -0.00 min
Lab File: VN060085.D
Acq: 13 Feb 2020 11:24

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01

Tot Ion: 56 Resp: 23904
Ion Ratio Lower Upper
56 100
55 71.7 54.8 82.2

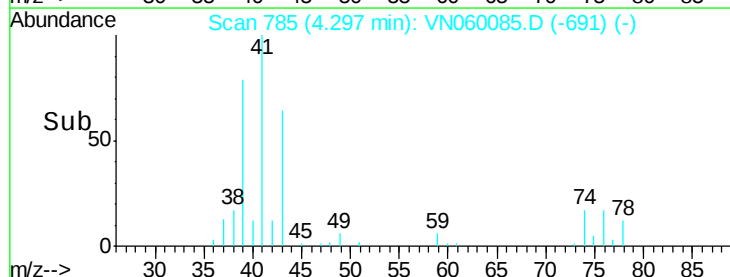
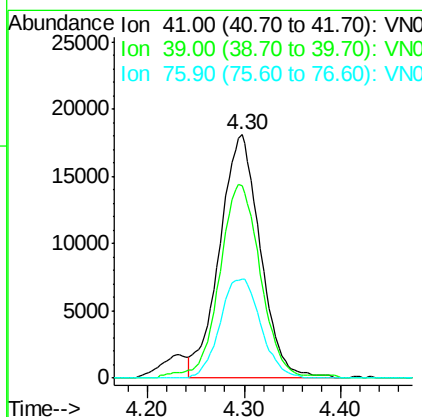
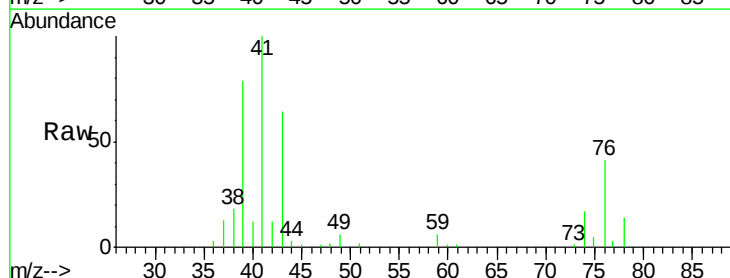
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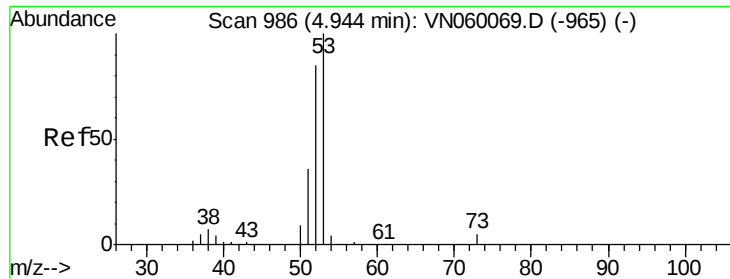
MMDadoda
2/14/2020 10:27:45 AM



#14
Allyl chloride
Concen: 18.399 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.00 min
Lab File: VN060085.D
Acq: 13 Feb 2020 11:24

Tgt Ion: 41 Resp: 52974
Ion Ratio Lower Upper
41 100
39 79.9 67.8 101.8
76 40.7 33.9 50.9





#15

Acrylonitrile

Concen: 95.448 ug/l

RT: 4.95 min Scan# 987

Delta R.T. 0.00 min

Lab File: VN060085.D

Acq: 13 Feb 2020 11:24

Instrument :

MSVOA_N

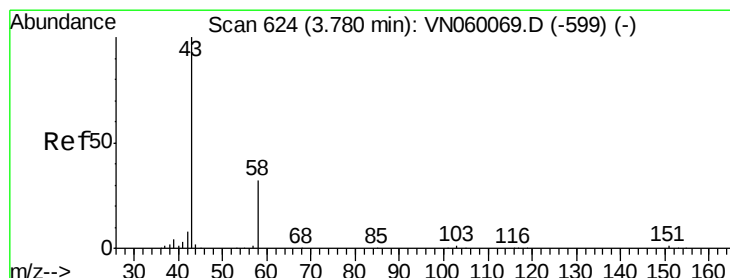
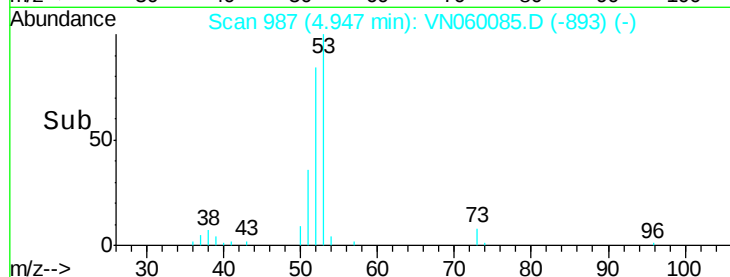
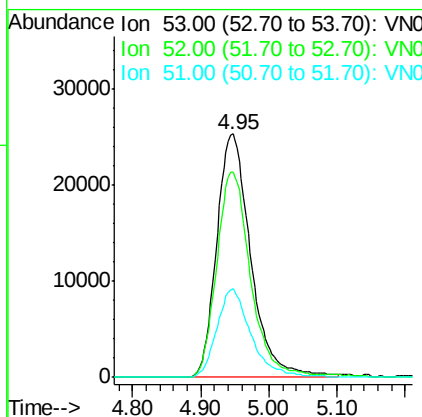
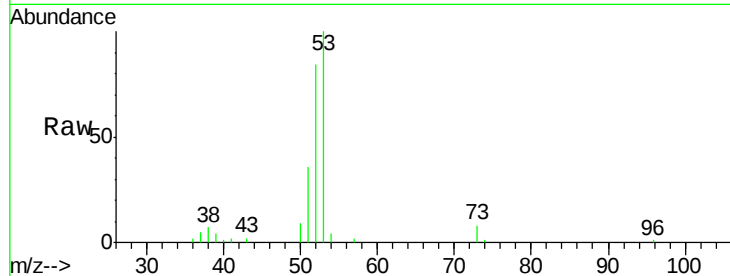
ClientSampleId :

VN0213WBS01

Tot Ion:	53	Resp:	87819
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.8	100.2
51	36.3	29.4	44.0

Manual Integrations
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#16

Acetone

Concen: 84.779 ug/l

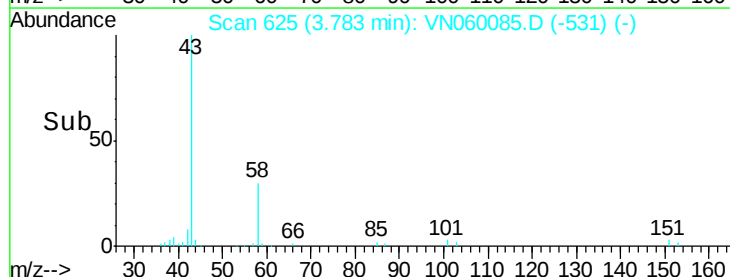
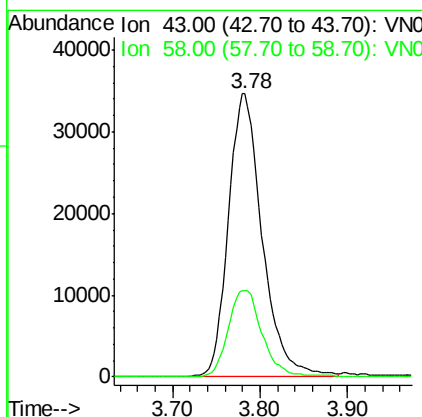
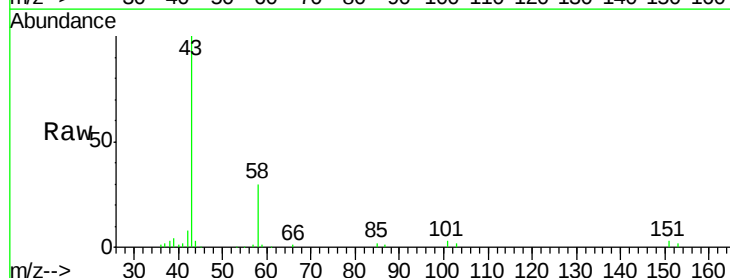
RT: 3.78 min Scan# 625

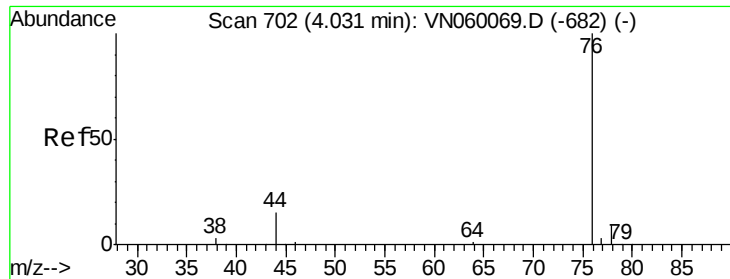
Delta R.T. 0.00 min

Lab File: VN060085.D

Acq: 13 Feb 2020 11:24

Tgt Ion:	43	Resp:	93102
Ion	Ratio	Lower	Upper
43	100		
58	30.5	25.2	37.8





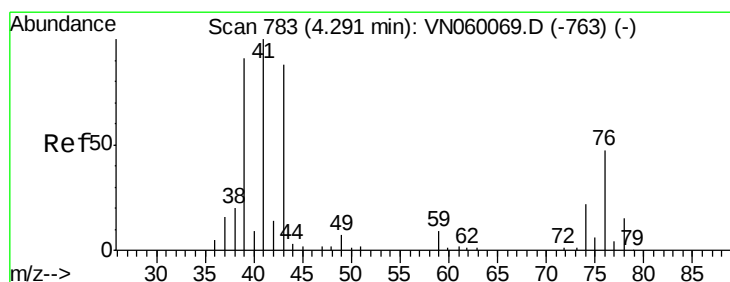
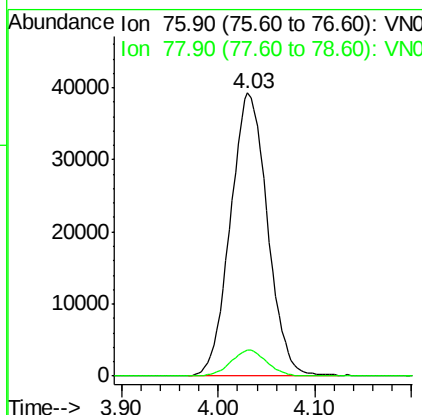
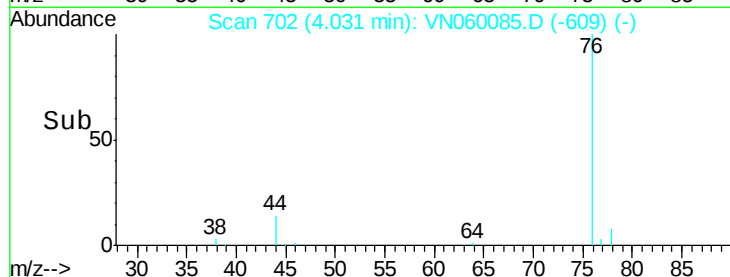
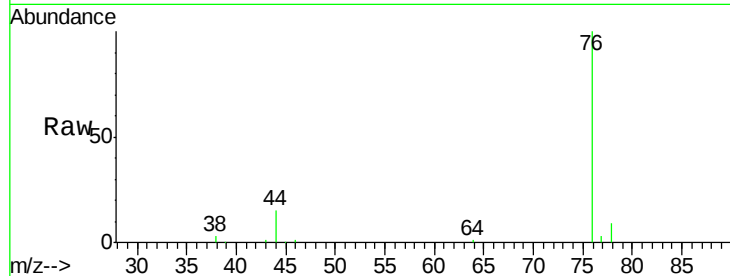
#17
Carbon Disulfide
Concen: 17.735 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN060085.D
Acq: 13 Feb 2020 11:24

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01

Tot Ion: 76 Resp: 104569
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

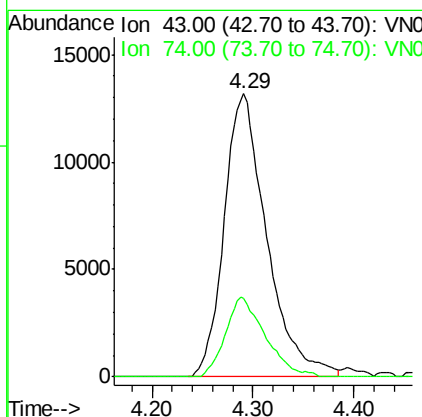
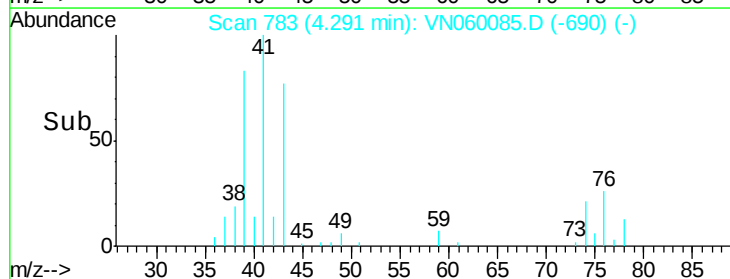
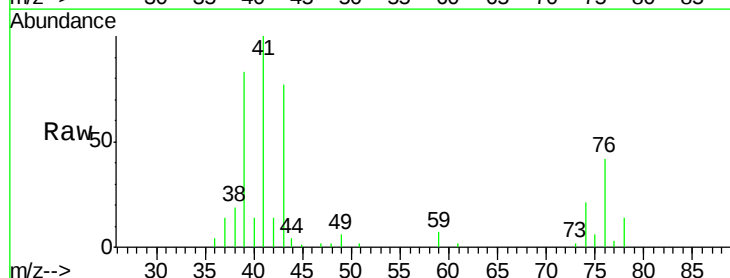
Manual Integrations
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#18
Methyl Acetate
Concen: 18.727 ug/l
RT: 4.29 min Scan# 783
Delta R.T. -0.00 min
Lab File: VN060085.D
Acq: 13 Feb 2020 11:24

Tgt Ion: 43 Resp: 38632
Ion Ratio Lower Upper
43 100
74 26.4 20.3 30.5





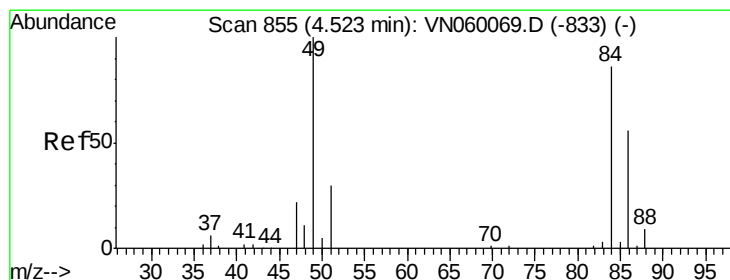
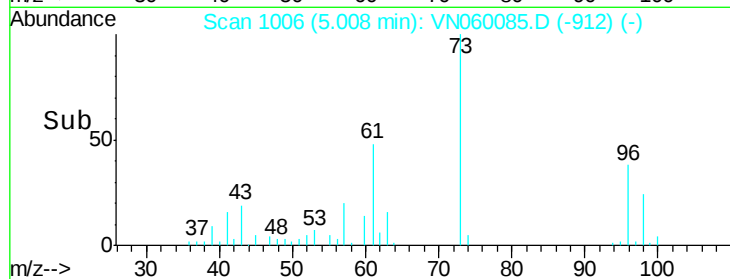
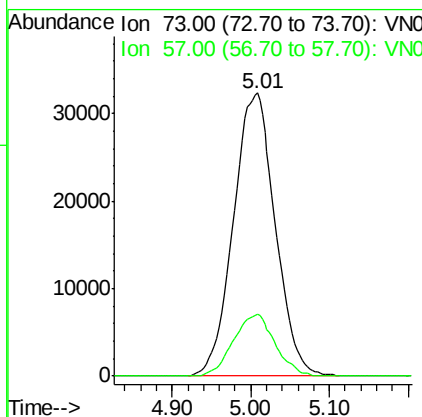
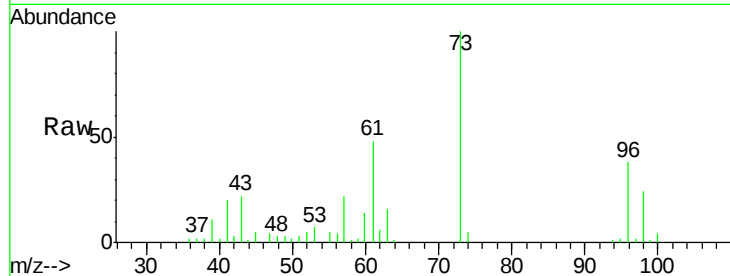
#19
Methyl tert-butyl Ether
Concen: 18.321 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. 0.00 min
Lab File: VN060085.D
Acq: 13 Feb 2020 11:24

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01

Tot Ion: 73 Resp: 120526
Ion Ratio Lower Upper
73 100
57 21.7 17.2 25.8

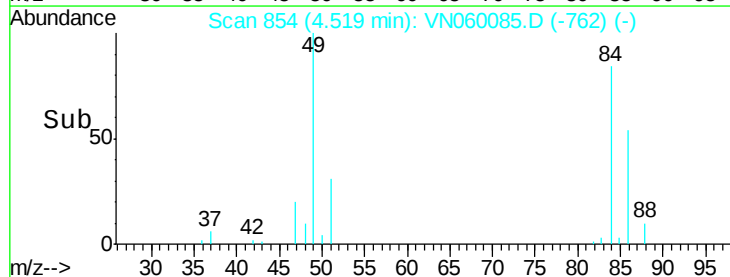
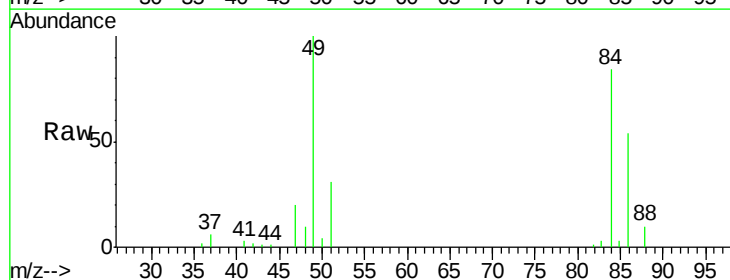
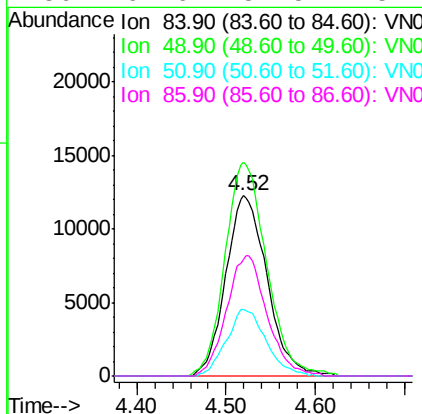
Manual Integrations
APPROVED

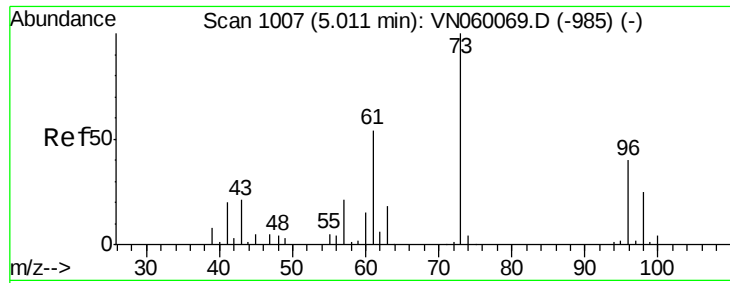
MMDadoda
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#20
Methylene Chloride
Concen: 17.961 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060085.D
Acq: 13 Feb 2020 11:24

Tgt Ion: 84 Resp: 39352
Ion Ratio Lower Upper
84 100
49 118.7 93.4 140.0
51 37.0 28.4 42.6
86 64.6 52.5 78.7





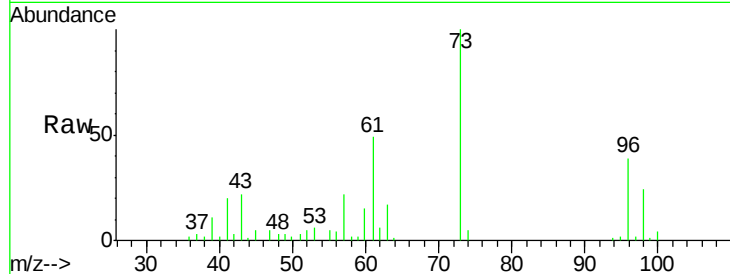
#21
trans-1,2-Dichloroethene
Concen: 18.275 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN060085.D
Acq: 13 Feb 2020 11:24

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.3	109.3	163.9
98	63.0	51.0	76.6

Manual Integrations
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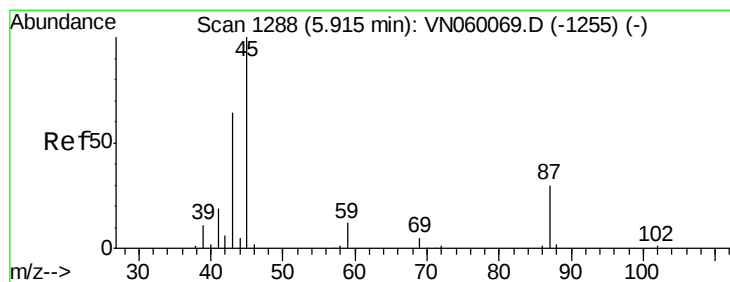
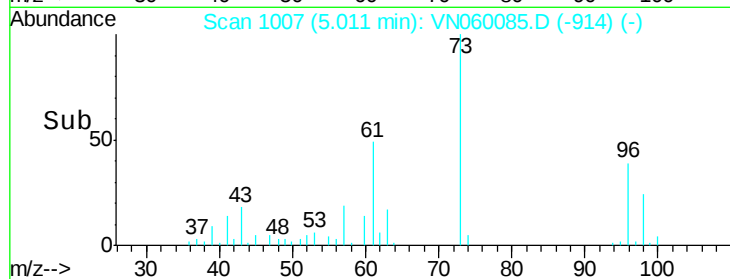
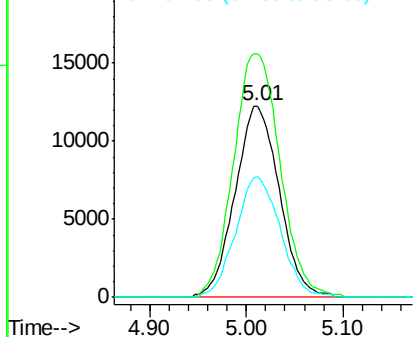


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22
Diisopropyl ether
Concen: 18.177 ug/l
RT: 5.91 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VN060085.D
Acq: 13 Feb 2020 11:24

Tgt Ion	Ratio	Lower	Upper
45	100		
43	76.4	55.9	83.9
87	29.3	24.5	36.7
59	13.1	9.9	14.9

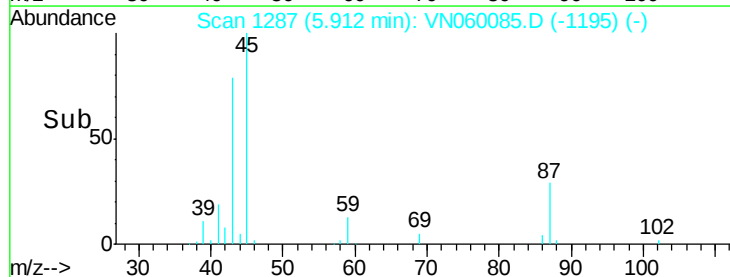
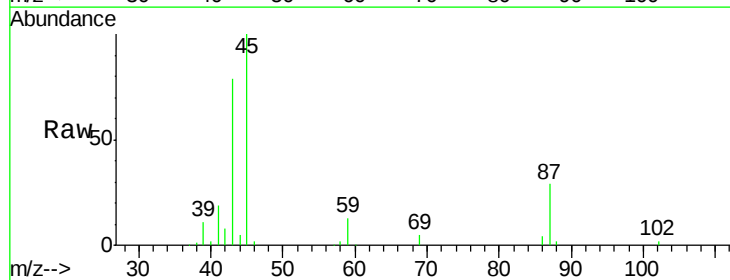
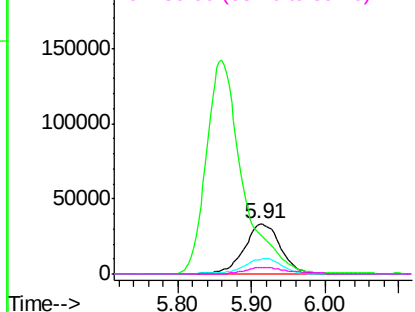
Abundance

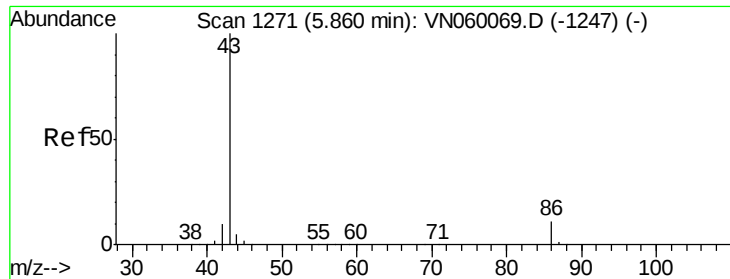
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 91.589 ug/l

RT: 5.86 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VN060085.D

Acq: 13 Feb 2020 11:24

Instrument :

MSVOA_N

ClientSampleId :

VN0213WBS01

Tot Ion: 43 Resp: 485321

Ion Ratio Lower Upper

43 100

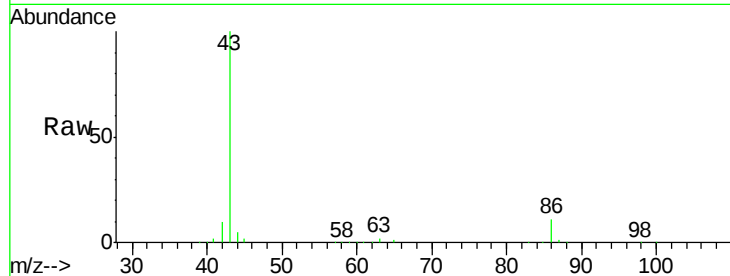
86 11.1 8.9 13.3

Manual Integrations

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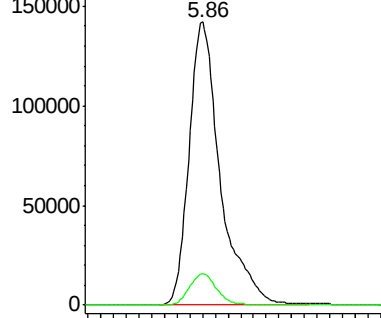
MMDadoda

2/14/2020 10:27:45 AM

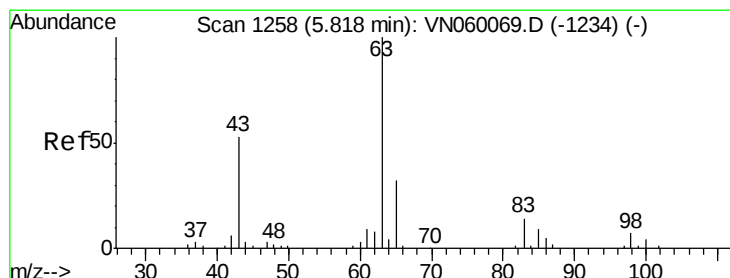
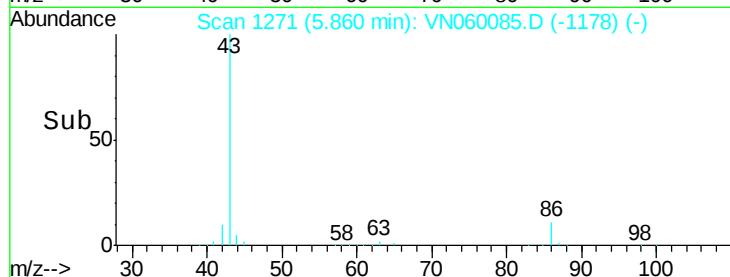


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



Time-->



#24

1,1-Dichloroethane

Concen: 18.150 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VN060085.D

Acq: 13 Feb 2020 11:24

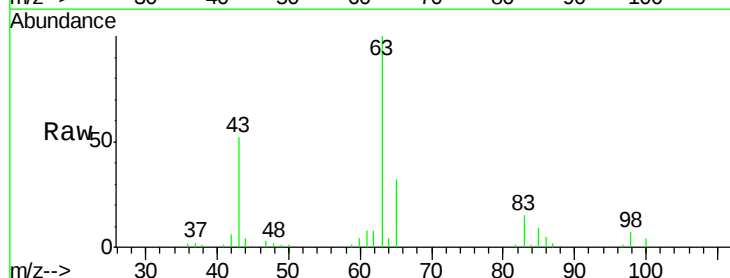
Tgt Ion: 63 Resp: 69378

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.5

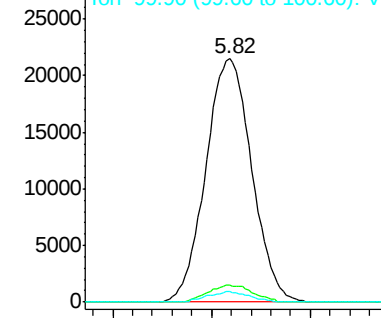
100 4.4 2.2 6.6



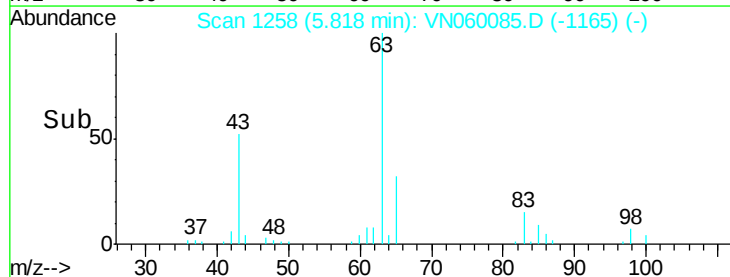
Abundance Ion 62.90 (62.60 to 63.60): VN0

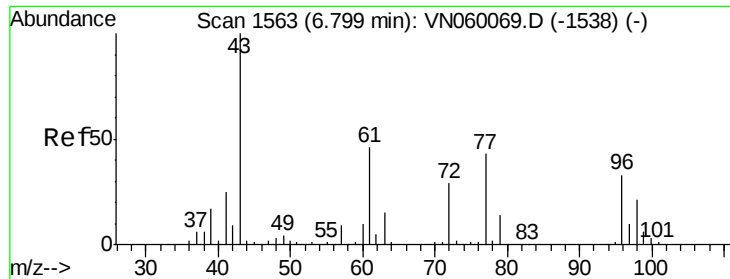
Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0



Time-->





#25

2-Butanone

Concen: 90.389 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN060085.D

Acq: 13 Feb 2020 11:24

Instrument :

MSVOA_N

ClientSampled :

VN0213WBS01

Tot Ion: 43 Resp: 124841

Ion Ratio Lower Upper

43 100

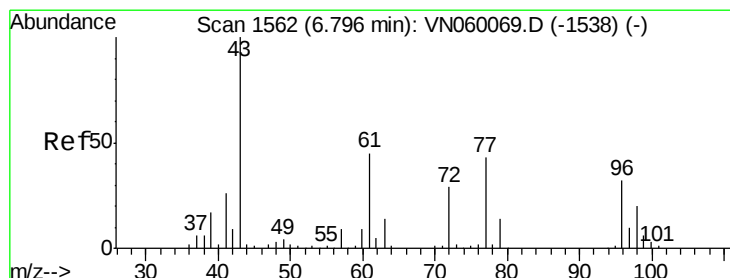
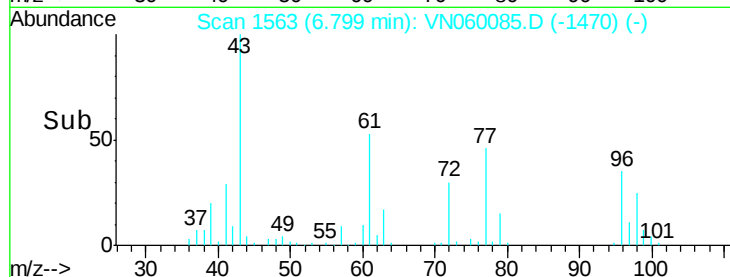
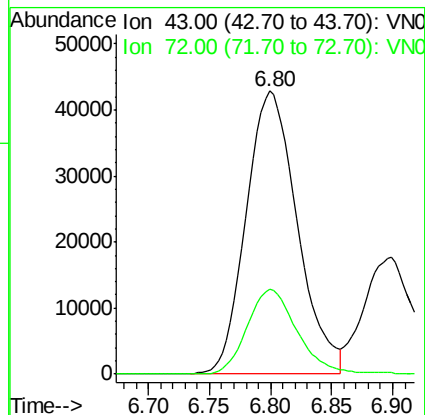
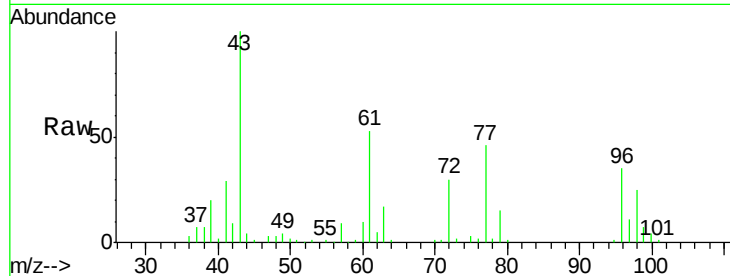
72 29.9 23.3 34.9

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#26

2,2-Dichloropropane

Concen: 17.874 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060085.D

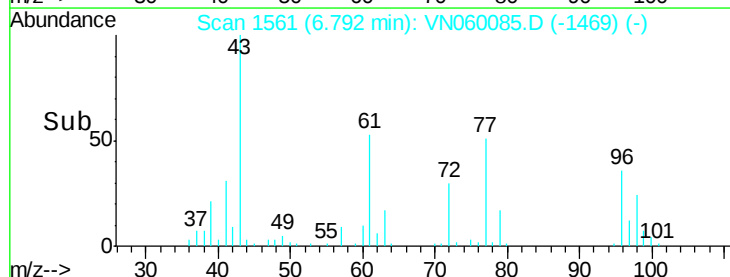
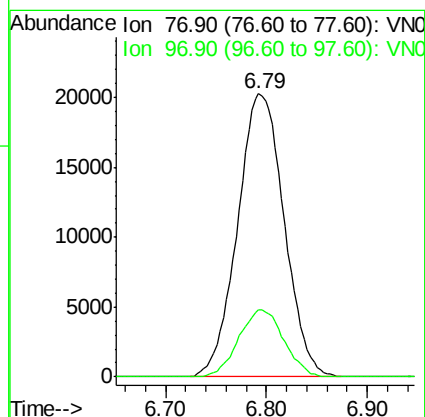
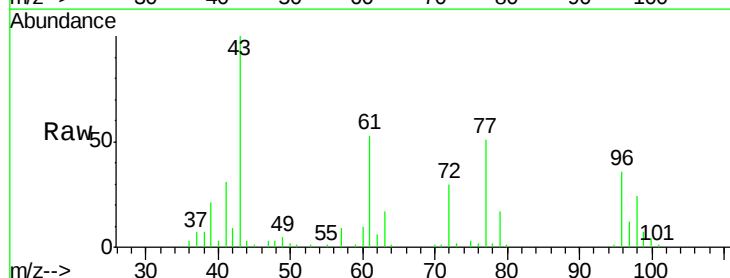
Acq: 13 Feb 2020 11:24

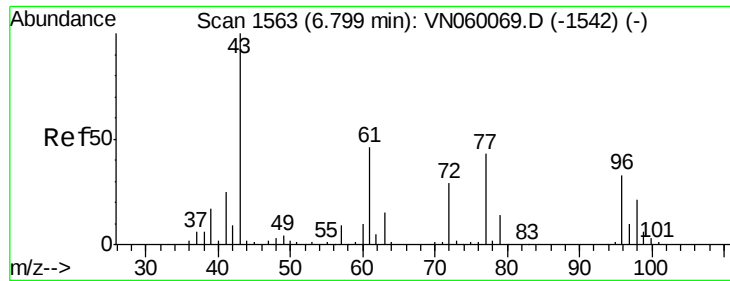
Tgt Ion: 77 Resp: 64894

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.2





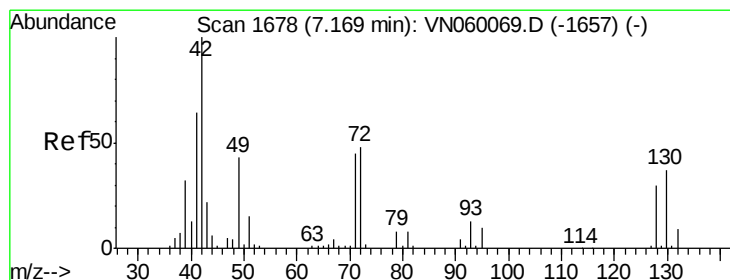
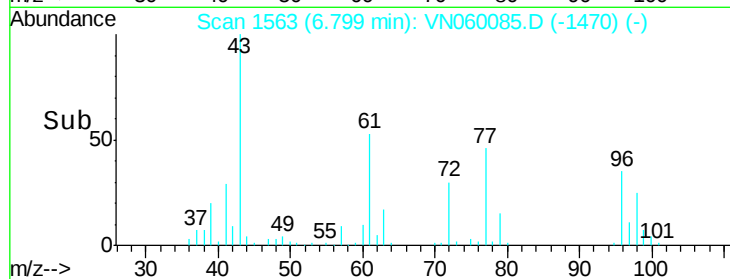
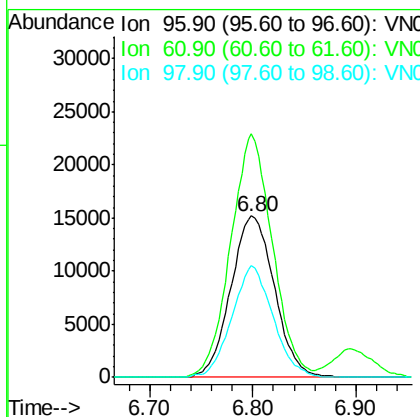
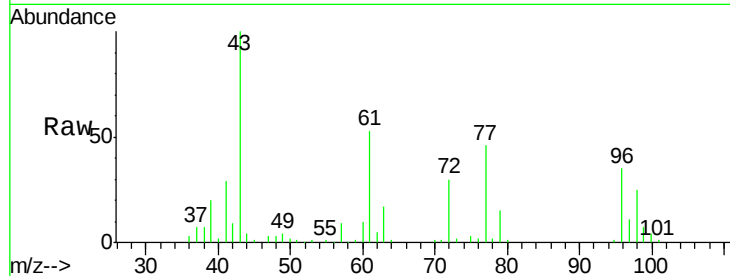
#27
 cis-1,2-Dichloroethene
 Concen: 17.908 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: VN060085.D
 Acq: 13 Feb 2020 11:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0213WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.5	0.0	285.8
98	65.1	0.0	129.6

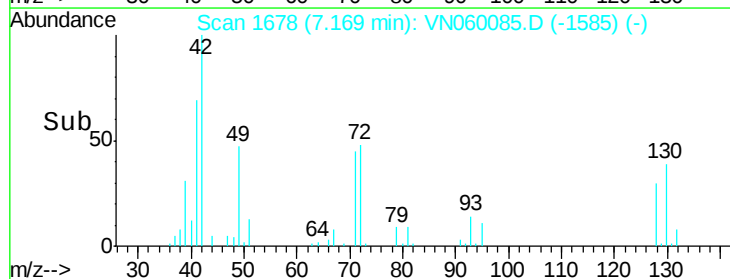
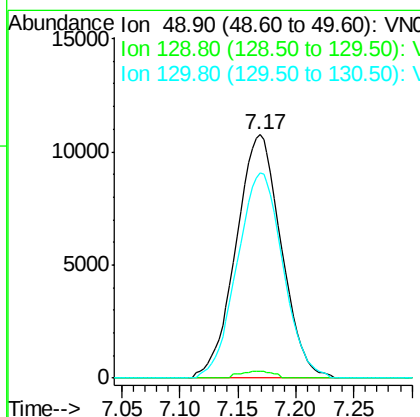
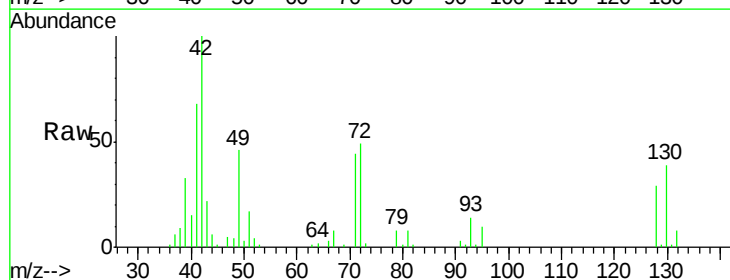
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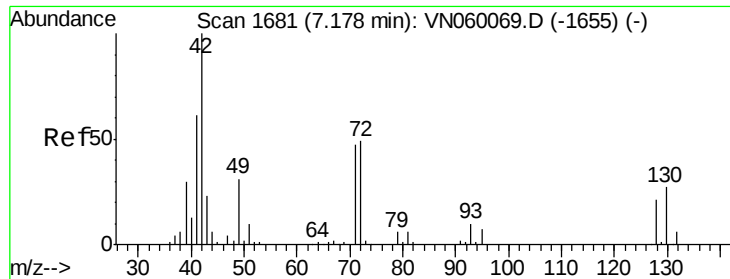
MMDadoda
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#28
 Bromochloromethane
 Concen: 19.448 ug/l
 RT: 7.17 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: VN060085.D
 Acq: 13 Feb 2020 11:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	2.2
130	85.5	66.8	100.2





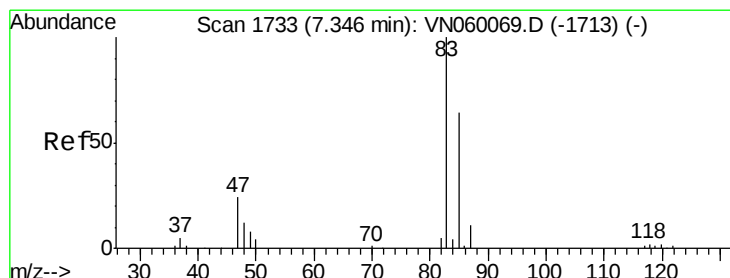
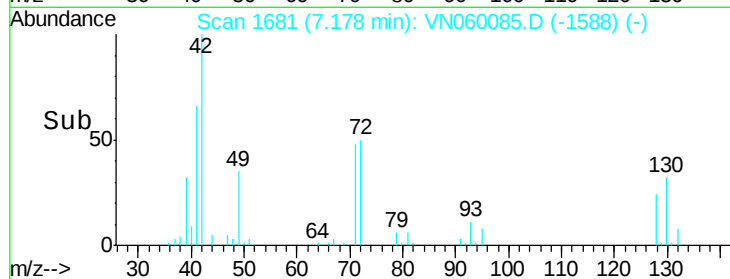
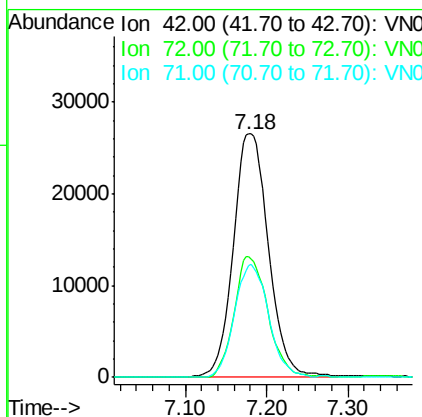
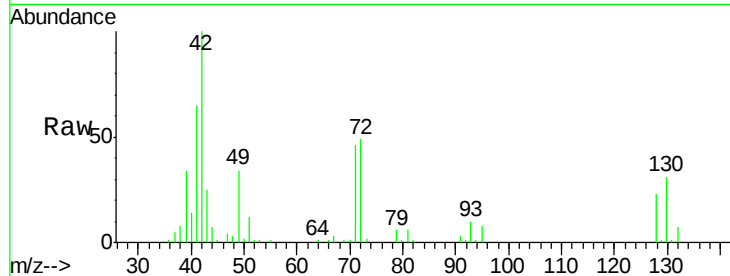
#29
Tetrahydrofuran
Concen: 93.774 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VN060085.D
Acq: 13 Feb 2020 11:24

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.4	38.2	57.4
71	44.8	36.6	54.8

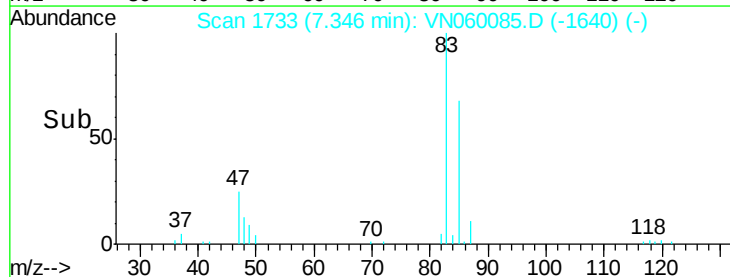
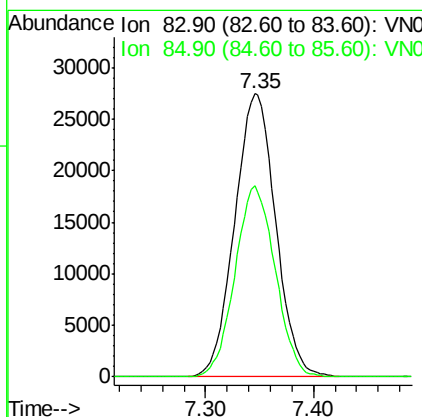
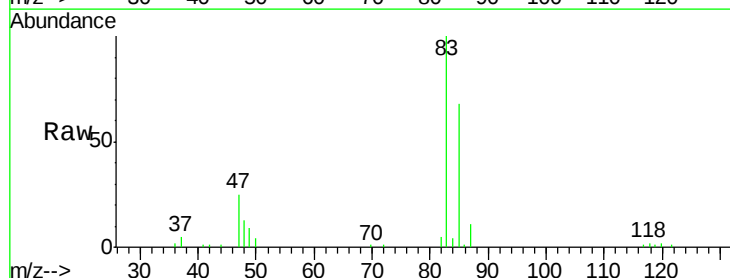
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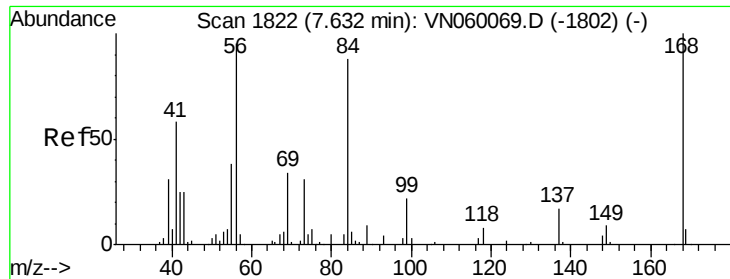
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#30
Chloroform
Concen: 18.129 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN060085.D
Acq: 13 Feb 2020 11:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.7	51.4	77.0





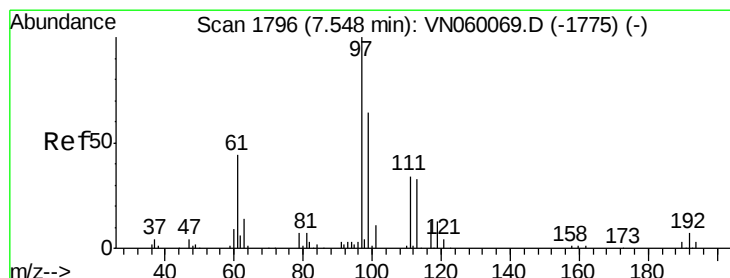
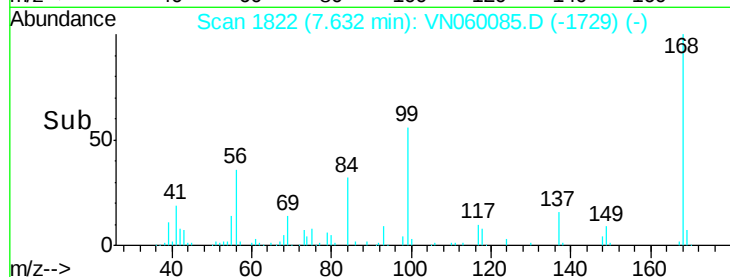
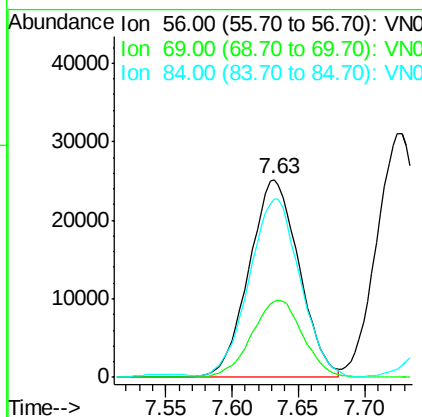
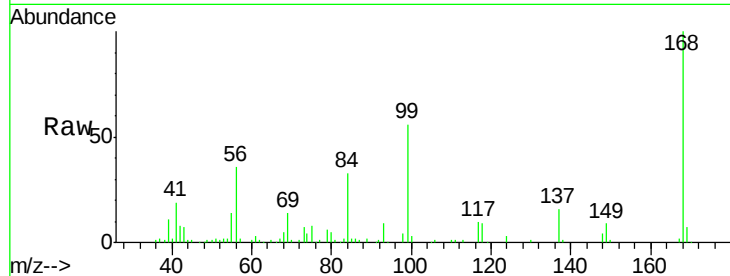
#31
Cyclohexane
Concen: 18.593 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN060085.D
Acq: 13 Feb 2020 11:24

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.3	28.3	42.5
84	89.2	72.6	108.8

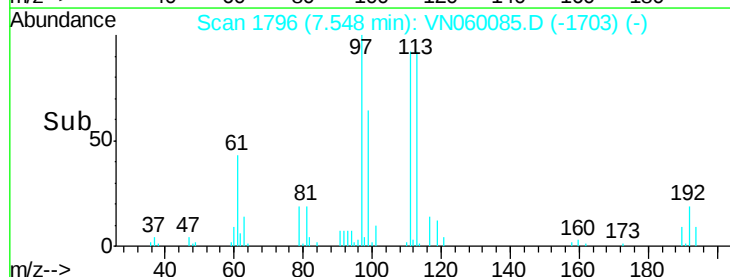
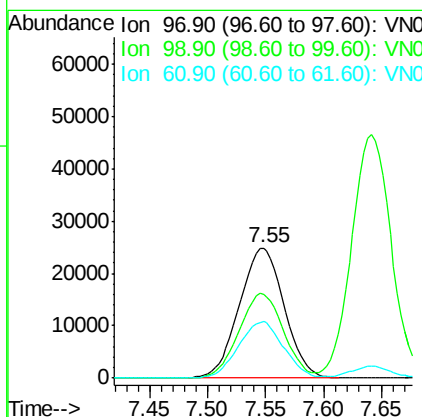
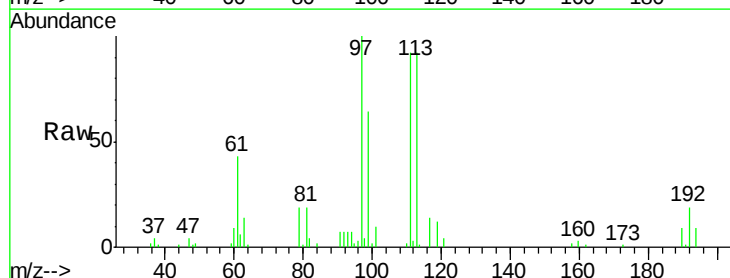
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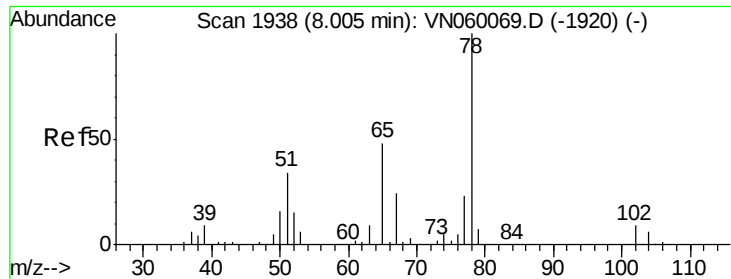
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#32
1,1,1-Trichloroethane
Concen: 18.285 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN060085.D
Acq: 13 Feb 2020 11:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.4	77.0
61	43.7	34.9	52.3





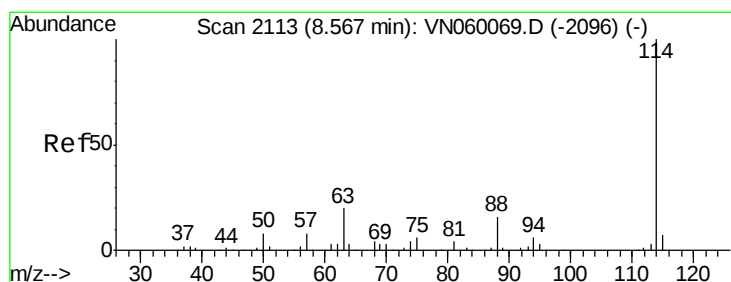
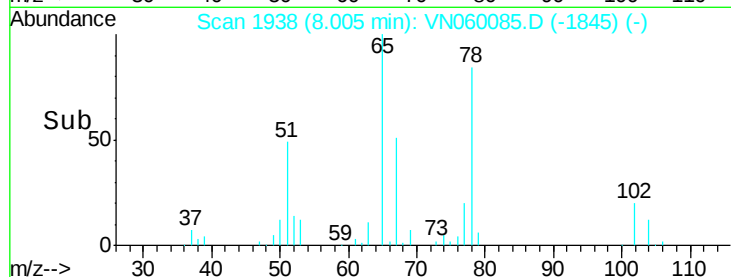
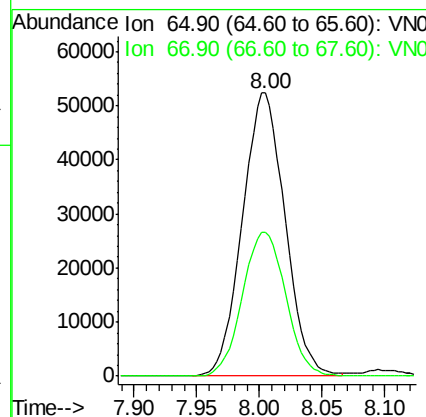
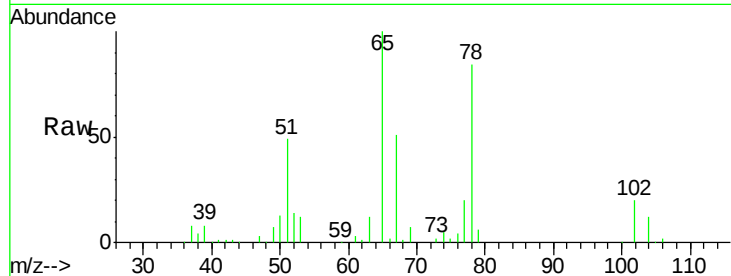
#33
 1,2-Dichloroethane-d4
 Concen: 49.196 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060085.D
 Acq: 13 Feb 2020 11:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0213WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	123857		
67	51.8	0.0	104.0	

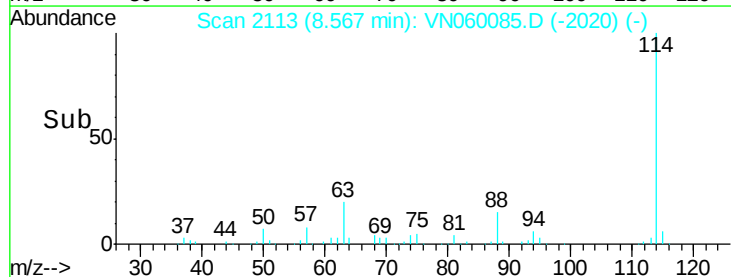
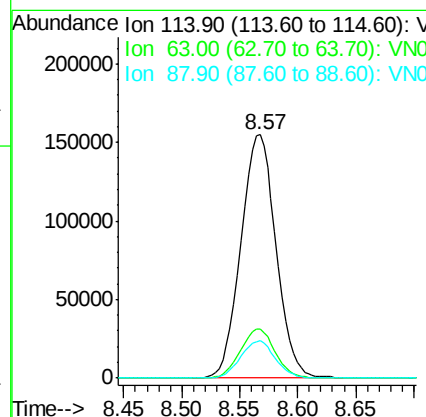
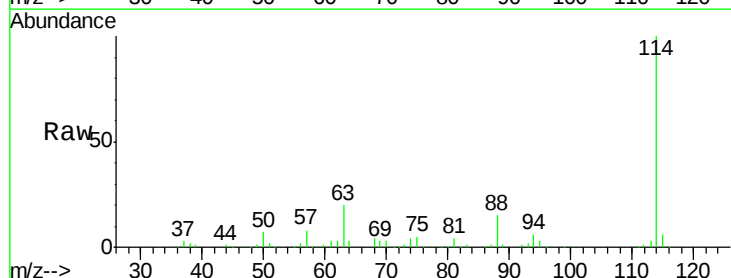
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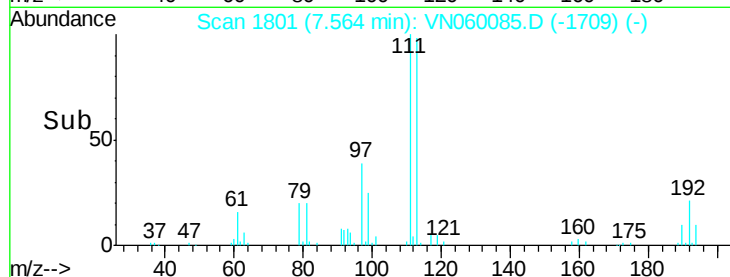
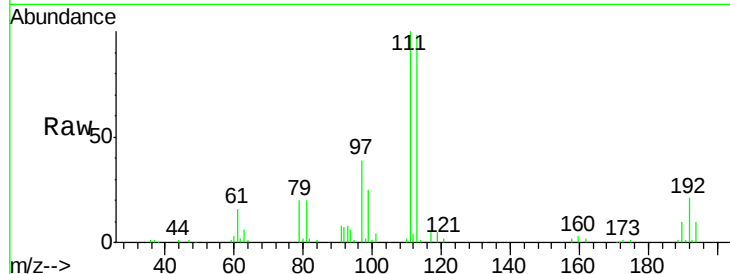
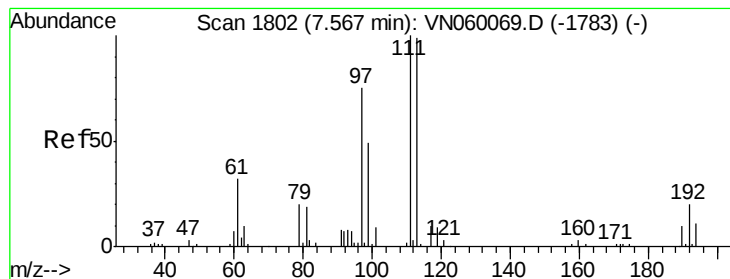
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 2/14/2020 10:27:45 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060085.D
 Acq: 13 Feb 2020 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	325587		
63	19.9	0.0	40.0	
88	15.2	0.0	31.6	





#35

Dibromofluoromethane

Concen: 49.667 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060085.D

Acq: 13 Feb 2020 11:24

Tot Ion:	113	Resp:	99402
Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.4	122.2
192	20.7	16.2	24.2

Instrument :

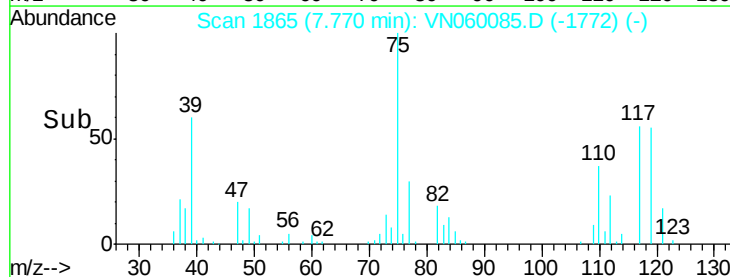
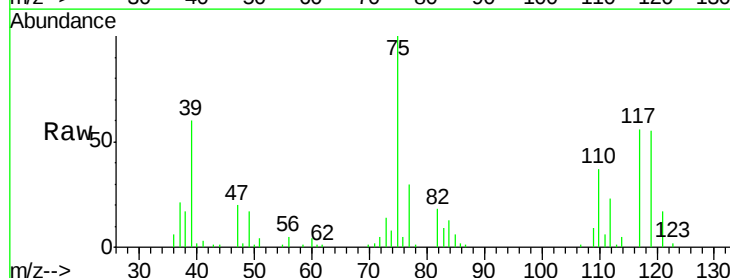
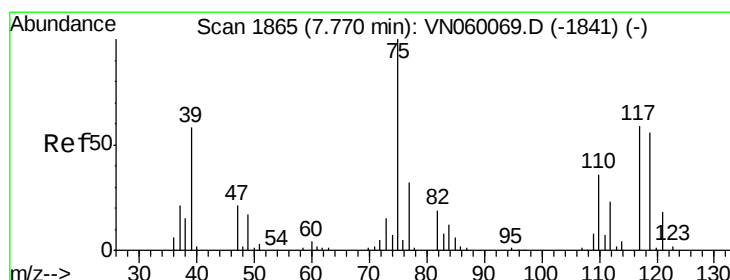
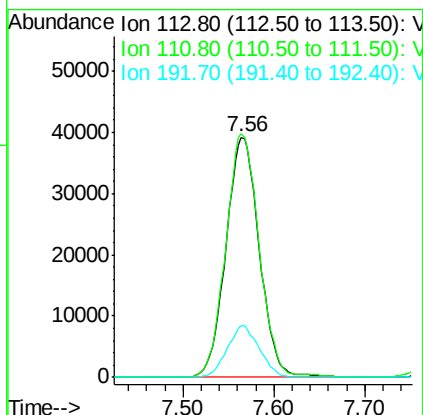
MSVOA_N

ClientSampleId :

VN0213WBS01

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#36

1,1-Dichloropropene

Concen: 18.134 ug/l

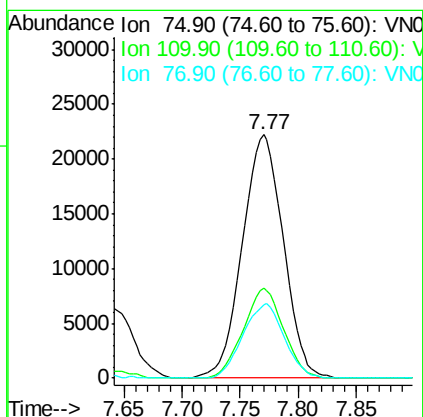
RT: 7.77 min Scan# 1865

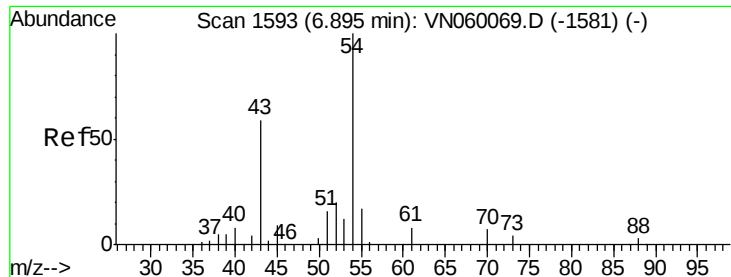
Delta R.T. -0.00 min

Lab File: VN060085.D

Acq: 13 Feb 2020 11:24

Tgt Ion:	75	Resp:	54686
Ion	Ratio	Lower	Upper
75	100		
110	36.1	18.1	54.3
77	30.8	25.1	37.7





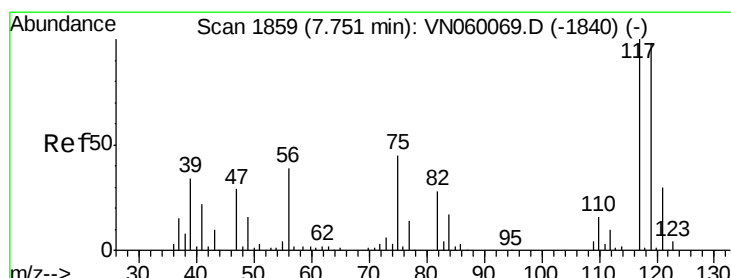
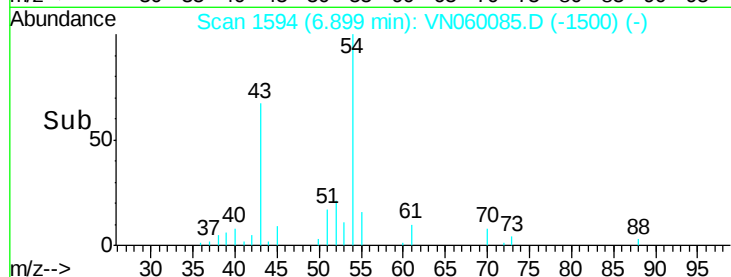
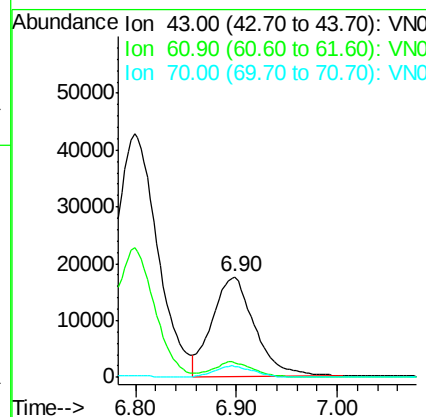
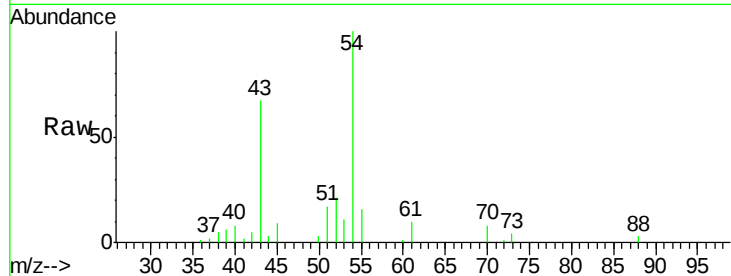
#37
Ethyl Acetate
Concen: 18.790 ug/l
RT: 6.90 min Scan# 1594
Delta R.T. 0.00 min
Lab File: VN060085.D
Acq: 13 Feb 2020 11:24

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.4	17.2
70	10.6	8.7	13.1

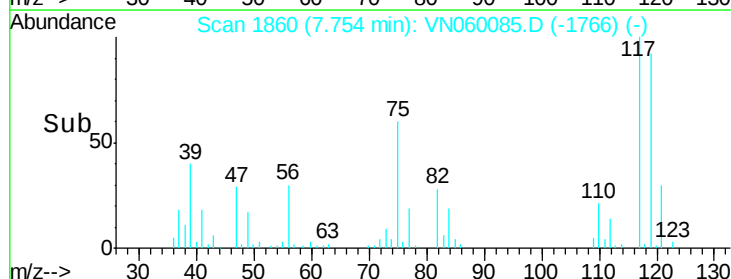
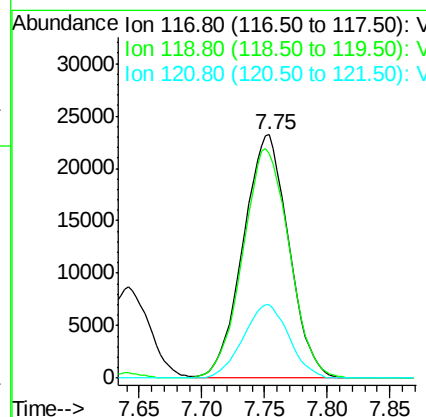
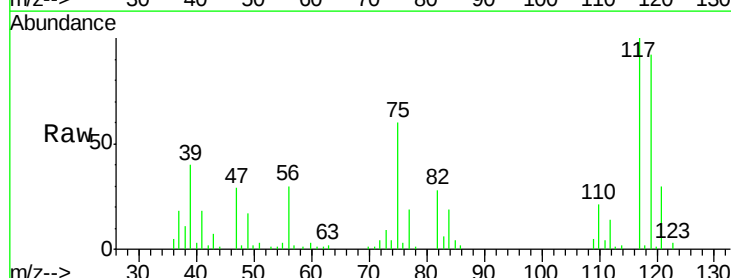
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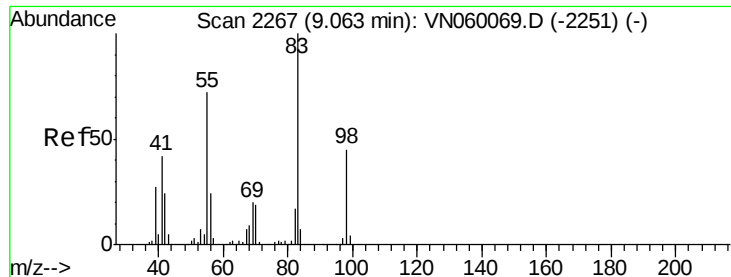
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#38
Carbon Tetrachloride
Concen: 17.951 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN060085.D
Acq: 13 Feb 2020 11:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.4	78.2	117.4
121	30.0	24.2	36.2





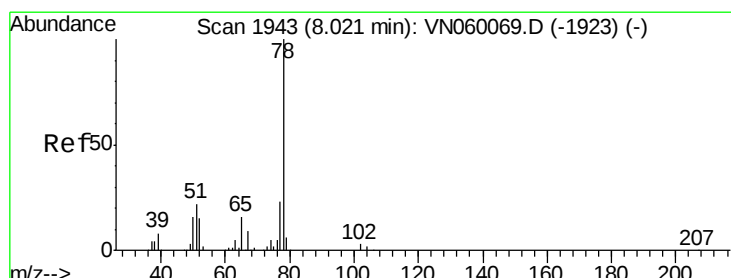
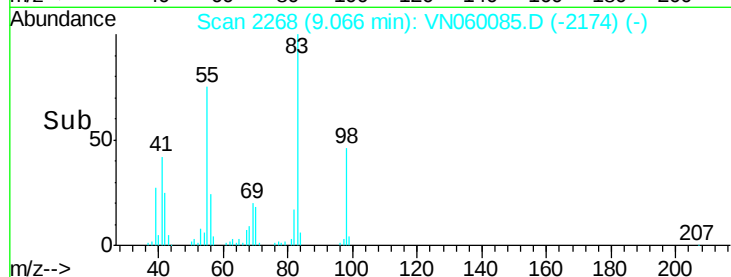
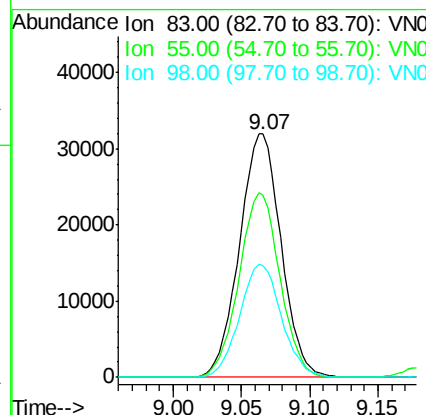
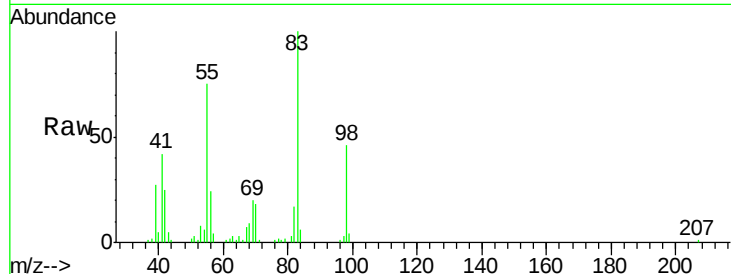
#39
Methvlcvclohexane
Concen: 18.076 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN060085.D
Acq: 13 Feb 2020 11:24

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.0	57.8	86.8
98	45.9	36.4	54.6

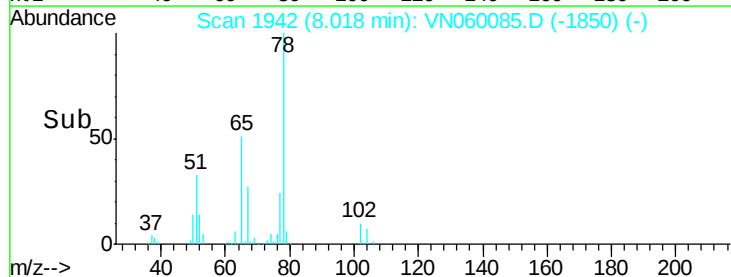
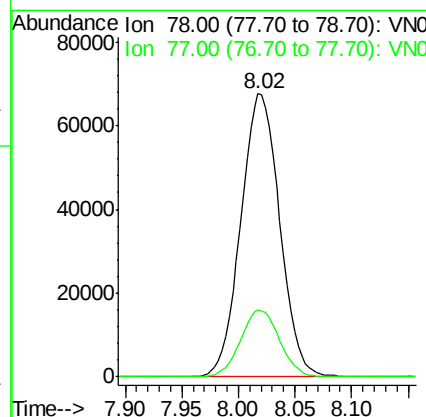
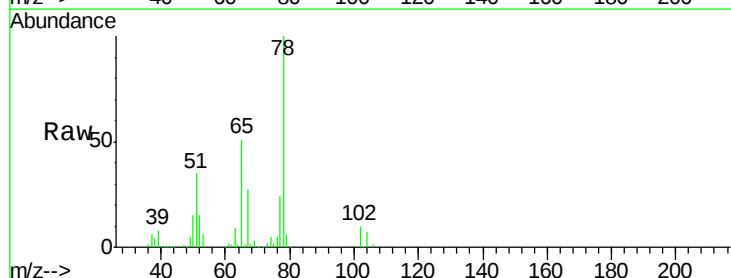
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#40
Benzene
Concen: 18.084 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060085.D
Acq: 13 Feb 2020 11:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.8	28.2





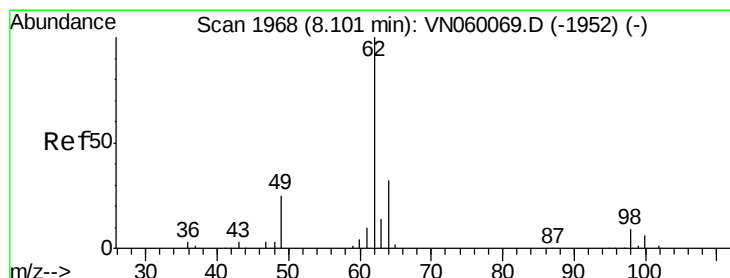
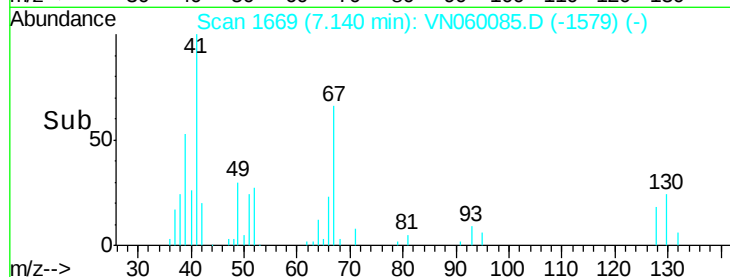
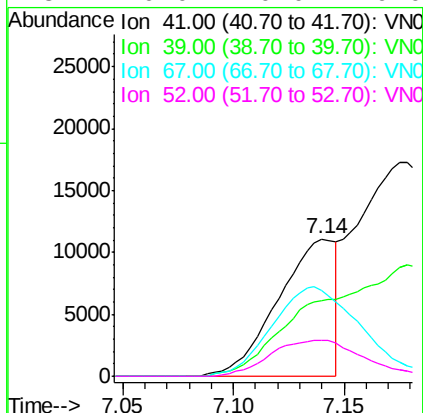
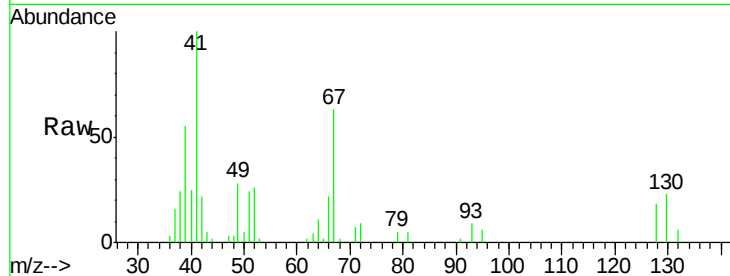
#41
Methacrylonitrile
Concen: 17.663 ug/l m
RT: 7.14 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VN060085.D
Acq: 13 Feb 2020 11:24

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01

Tot Ion	41	Resp	20189
Ion Ratio	Lower	Upper	
41	100		
39	192.4	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

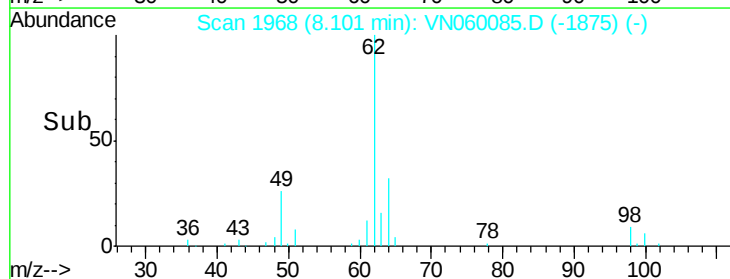
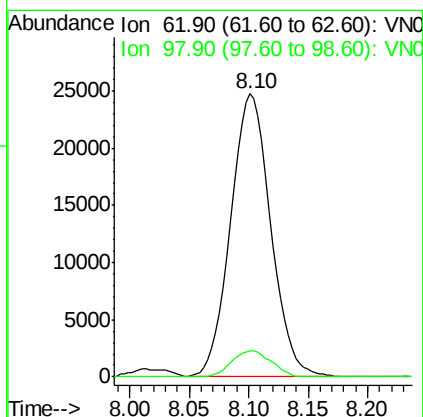
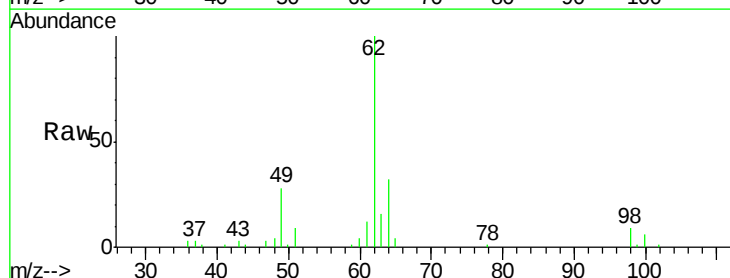
Manual Integrations
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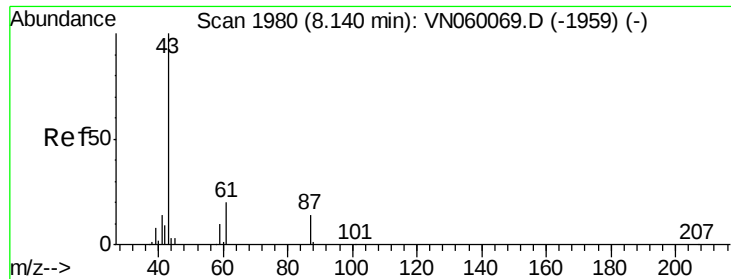
MMDadoda
2/14/2020 10:27:45 AM



#42
1,2-Dichloroethane
Concen: 18.442 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN060085.D
Acq: 13 Feb 2020 11:24

Tgt Ion	62	Resp	57822
Ion Ratio	Lower	Upper	
62	100		
98	9.0	0.0	18.2





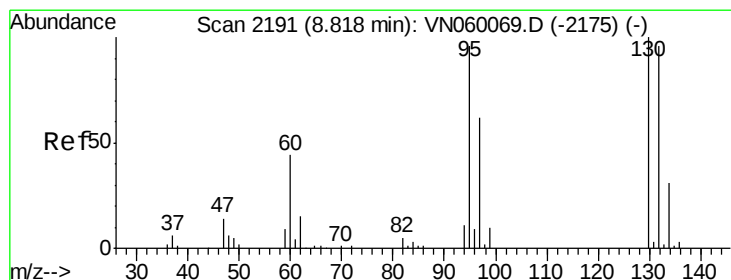
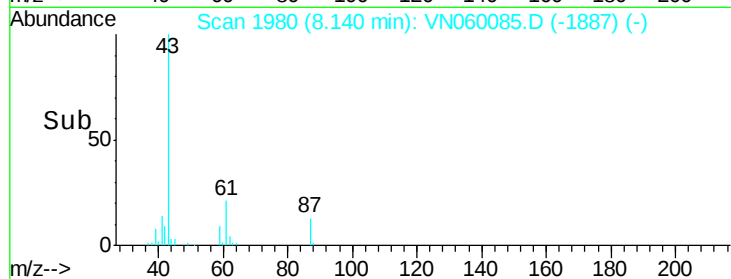
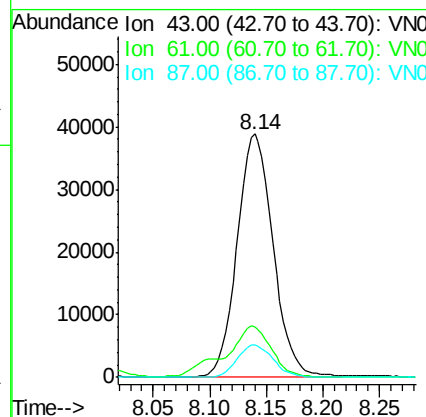
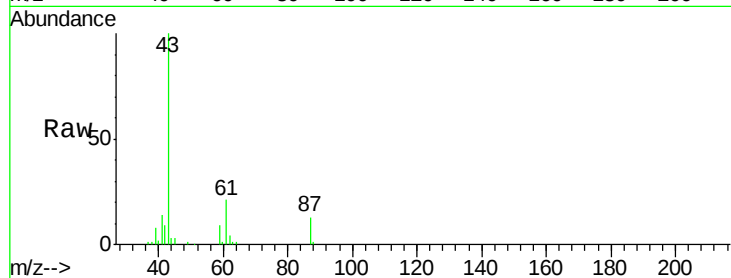
#43
Isopropyl Acetate
Concen: 18.541 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. -0.00 min
Lab File: VN060085.D
Acq: 13 Feb 2020 11:24

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.3	21.8	32.6#
87	13.1	11.4	17.2

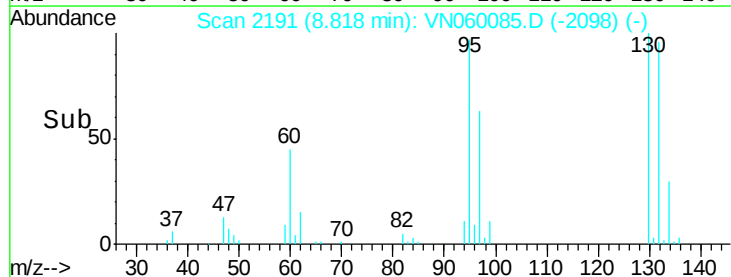
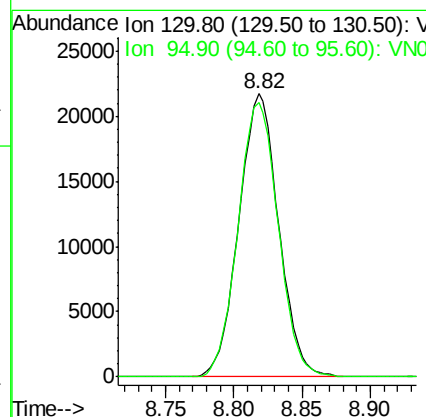
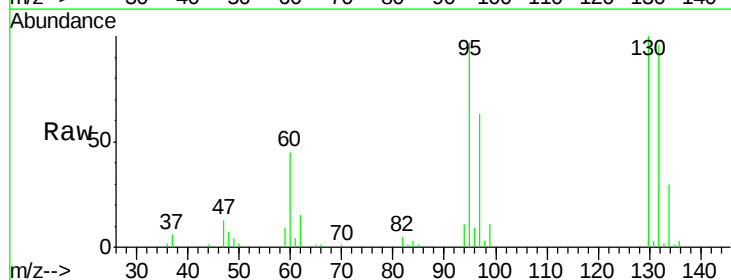
Manual Integrations
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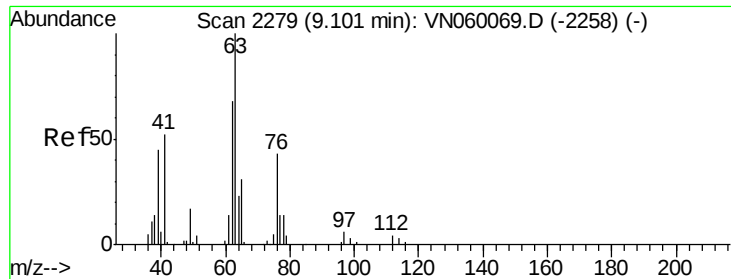
MMDadoda
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#44
Trichloroethene
Concen: 17.745 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. -0.00 min
Lab File: VN060085.D
Acq: 13 Feb 2020 11:24

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.0	0.0	192.4





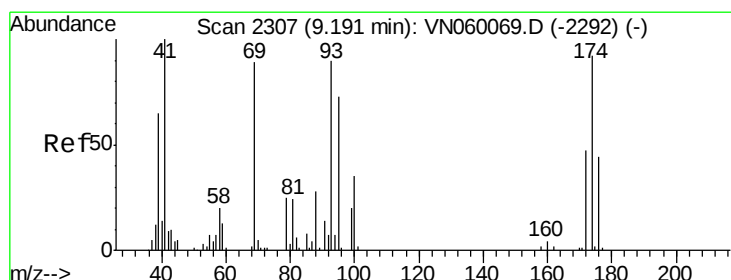
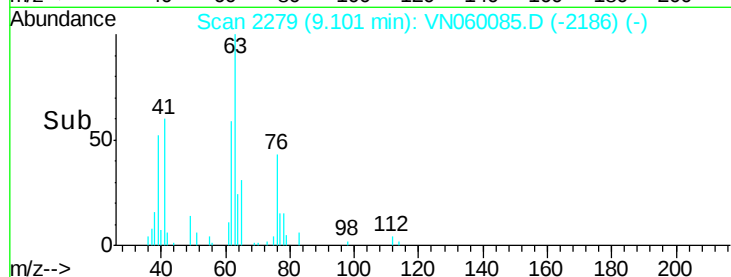
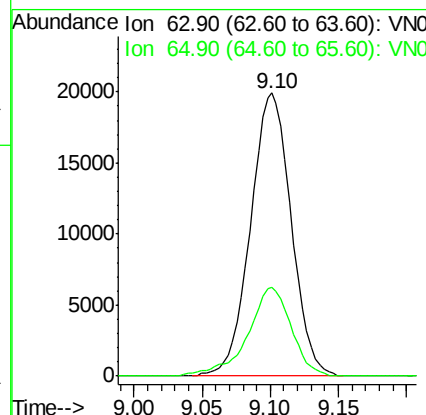
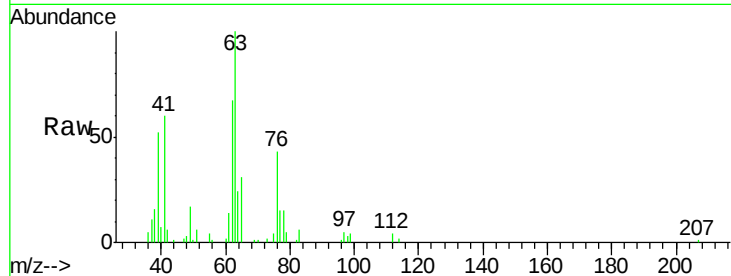
#45
 1,2-Dichloropropane
 Concen: 18.603 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN060085.D
 Acq: 13 Feb 2020 11:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0213WBS01

Tot Ion: 63 Resp: 41200
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.0 37.4

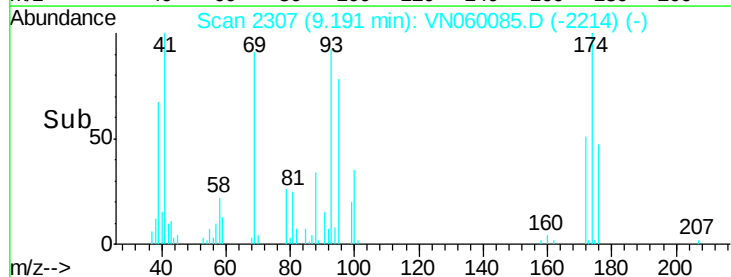
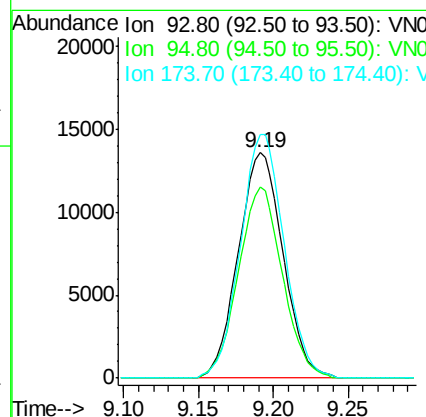
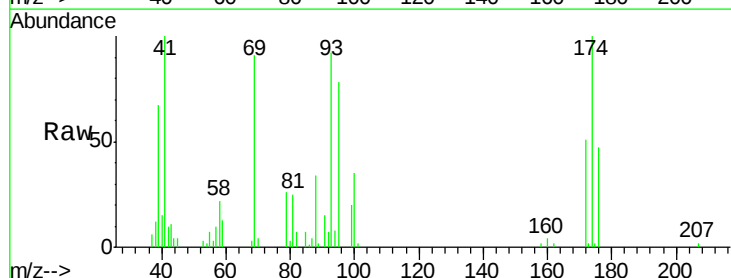
Manual Integrations
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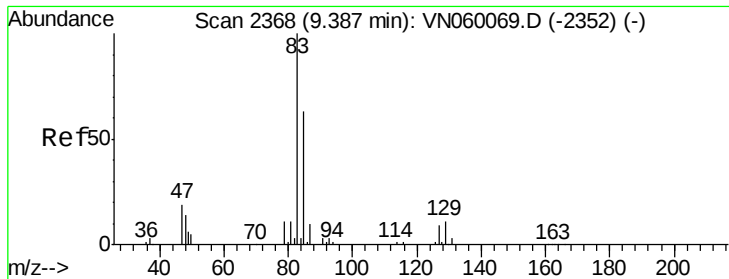
MMDadoda
 2/14/2020 10:27:45 AM



#46
 Dibromomethane
 Concen: 18.092 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN060085.D
 Acq: 13 Feb 2020 11:24

Tgt Ion: 93 Resp: 28315
 Ion Ratio Lower Upper
 93 100
 95 83.2 65.0 97.6
 174 105.7 82.3 123.5





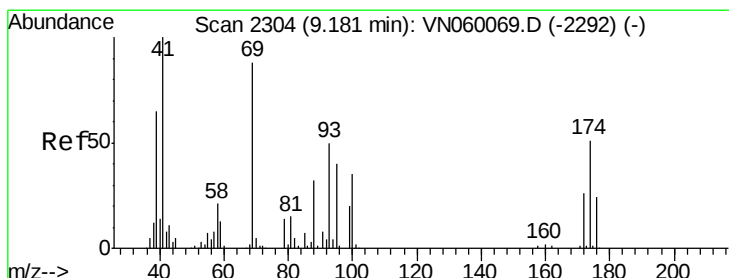
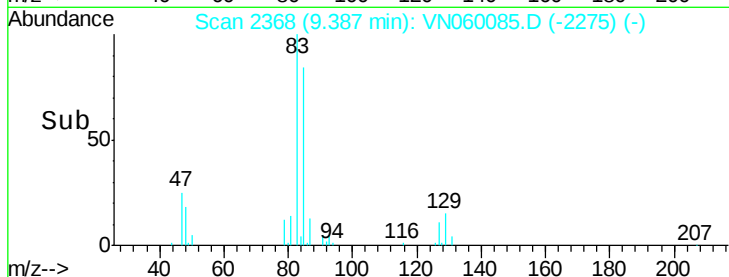
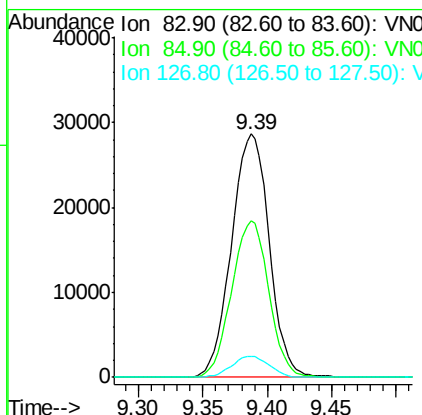
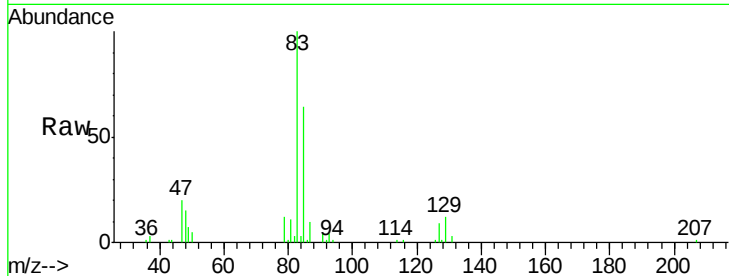
#47
Bromodichloromethane
Concen: 18.315 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. -0.00 min
Lab File: VN060085.D
Acq: 13 Feb 2020 11:24

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01

Tot Ion	83	Resp	58276
Ion Ratio	100	Lower	Upper
83	100		
85	64.3	50.6	75.8
127	8.7	7.0	10.6

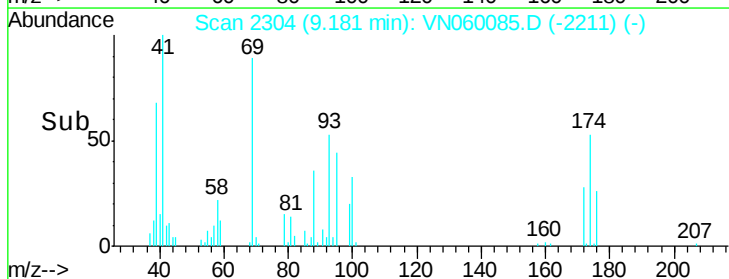
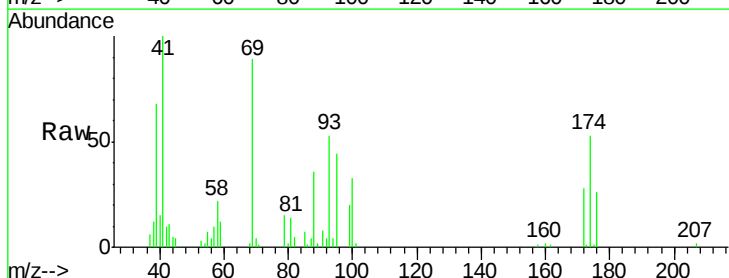
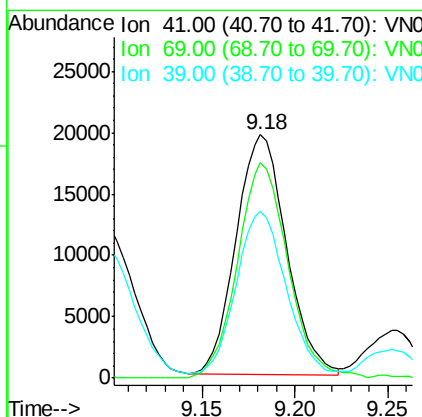
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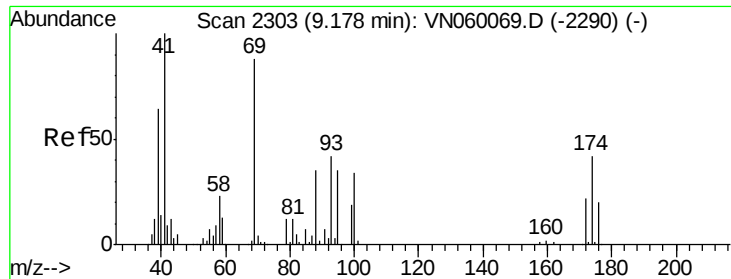
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#48
Methyl methacrylate
Concen: 17.756 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.00 min
Lab File: VN060085.D
Acq: 13 Feb 2020 11:24

Tgt Ion	41	Resp	37116
Ion Ratio	100	Lower	Upper
41	100		
69	89.7	72.0	108.0
39	70.8	54.1	81.1





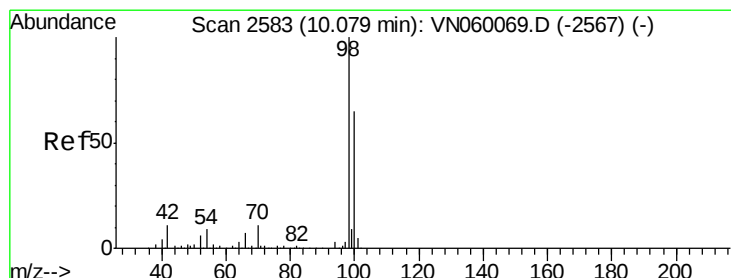
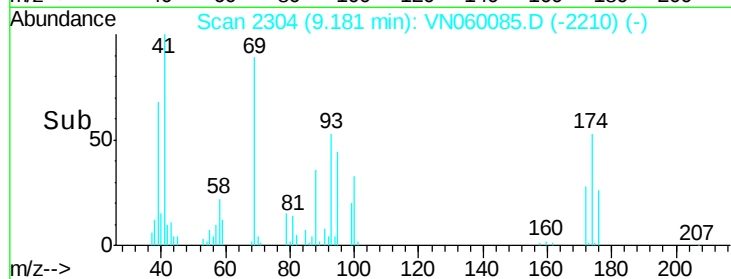
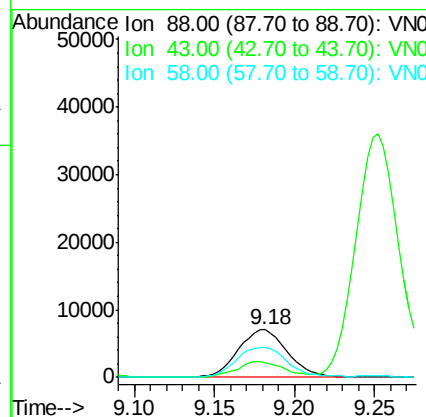
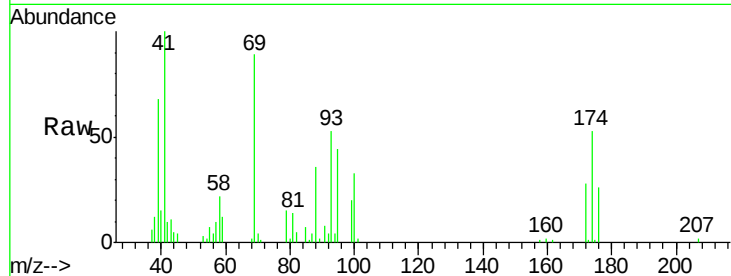
#49
1,4-Dioxane
Concen: 411.694 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN060085.D
Acq: 13 Feb 2020 11:24

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01

Tot Ion	88	Resp	14704
Ion	Ratio	Lower	Upper
88	100		
43	32.1	26.2	39.2
58	65.5	53.2	79.8

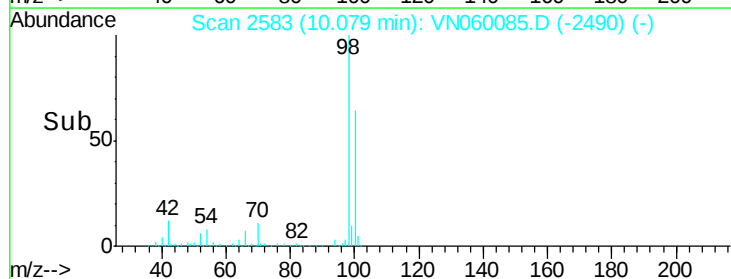
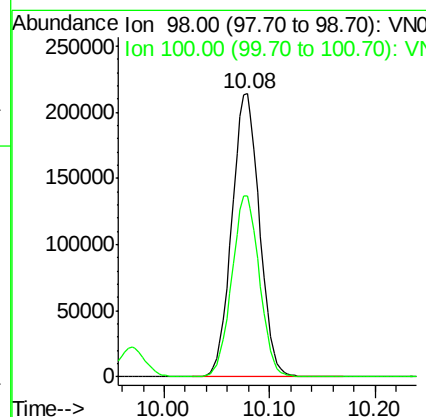
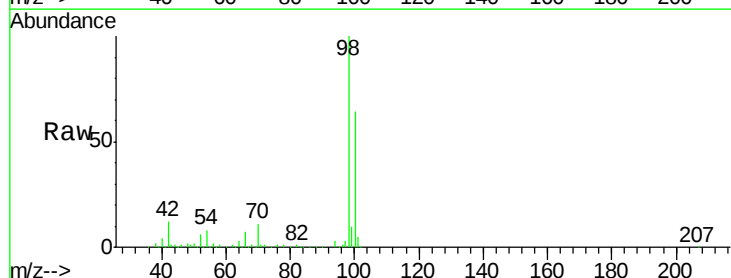
Manual Integrations
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#50
Toluene-d8
Concen: 49.083 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN060085.D
Acq: 13 Feb 2020 11:24

Tgt Ion	98	Resp	386841
Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 92.246 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VN060085.D

Acq: 13 Feb 2020 11:24

Instrument :

MSVOA_N

ClientSampleId :

VN0213WBS01

Tot Ion: 43 Resp: 248764

Ion Ratio Lower Upper

43 100

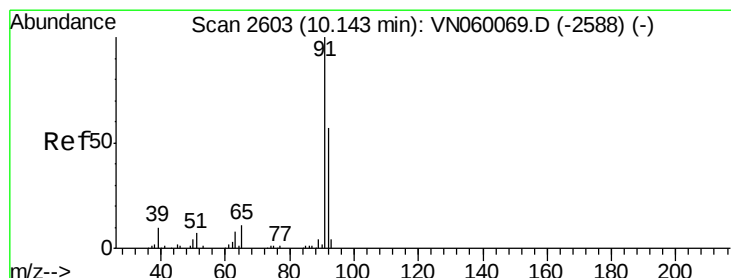
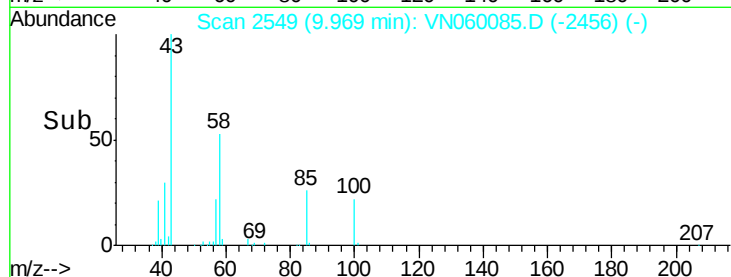
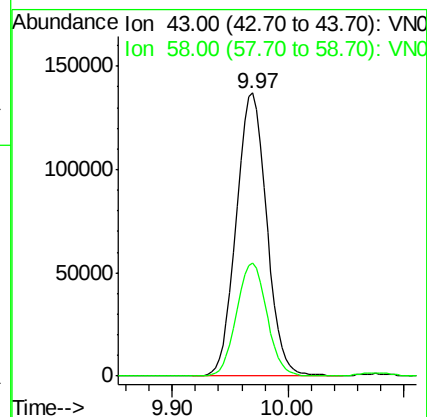
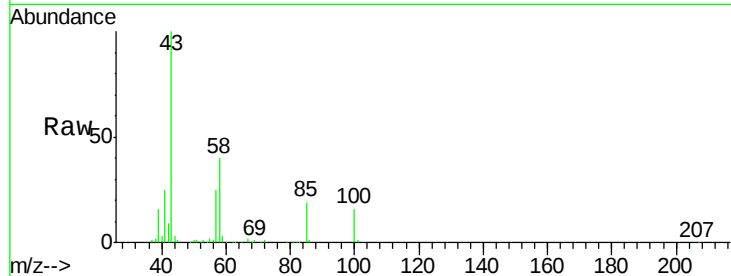
58 39.8 31.8 47.8

Manual Integrations

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#52

Toluene

Concen: 18.011 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN060085.D

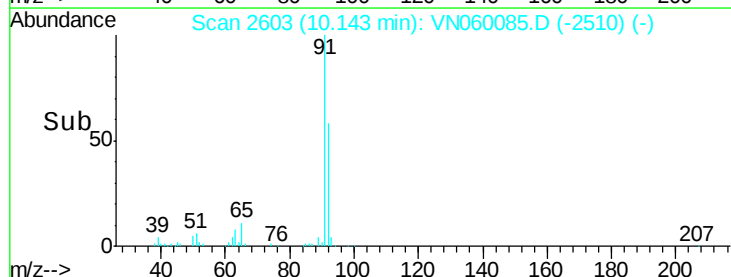
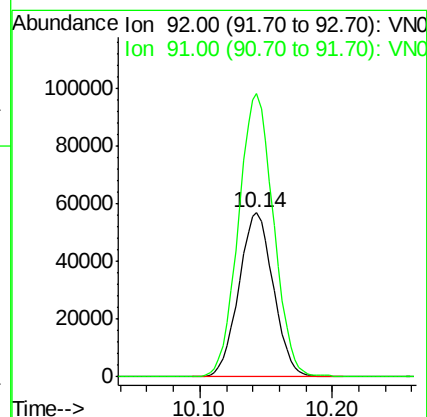
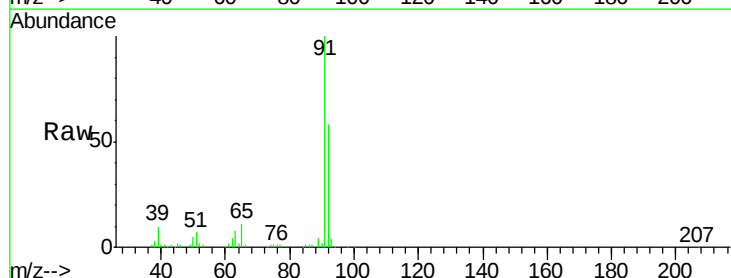
Acq: 13 Feb 2020 11:24

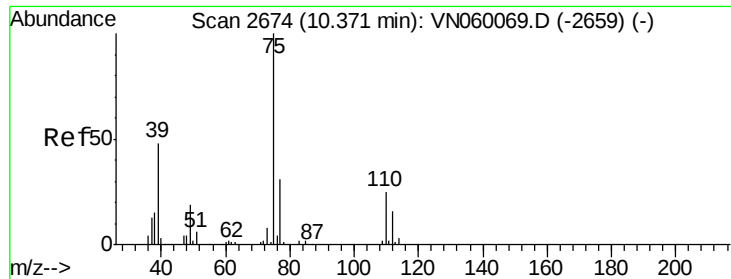
Tgt Ion: 92 Resp: 103324

Ion Ratio Lower Upper

92 100

91 174.6 140.9 211.3





#53

t-1,3-Dichloropropene

Concen: 18.023 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.00 min

Lab File: VN060085.D

Acq: 13 Feb 2020 11:24

Instrument :

MSVOA_N

ClientSampleId :

VN0213WBS01

Tot Ion: 75 Resp: 64733

Ion Ratio Lower Upper

75 100

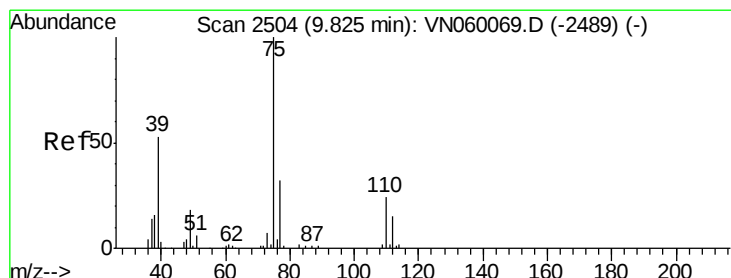
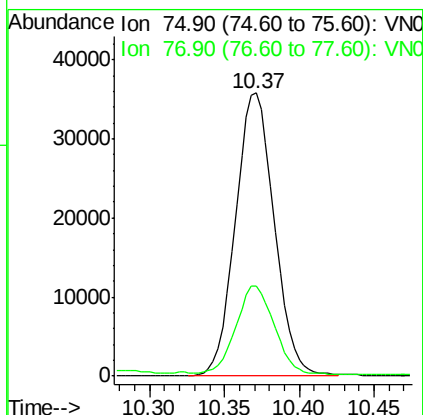
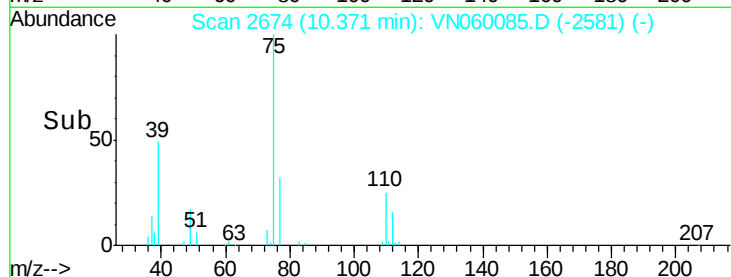
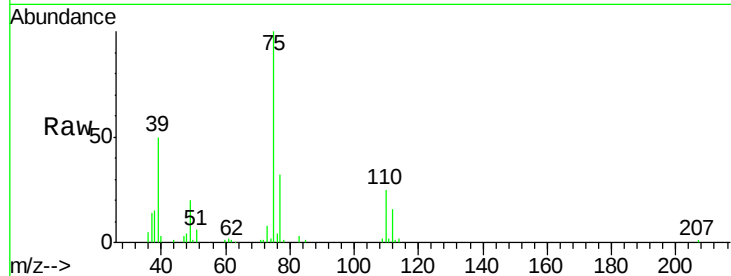
77 31.2 25.4 38.0

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 18.099 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060085.D

Acq: 13 Feb 2020 11:24

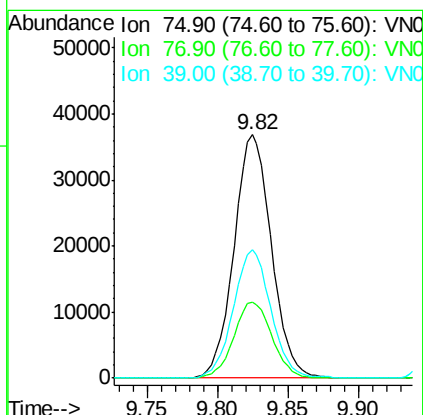
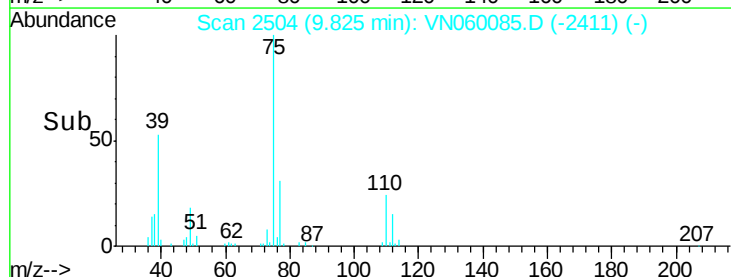
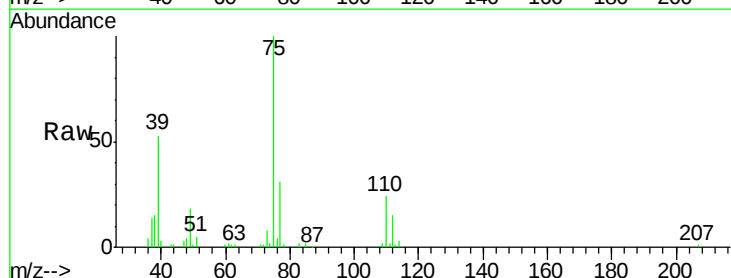
Tgt Ion: 75 Resp: 68452

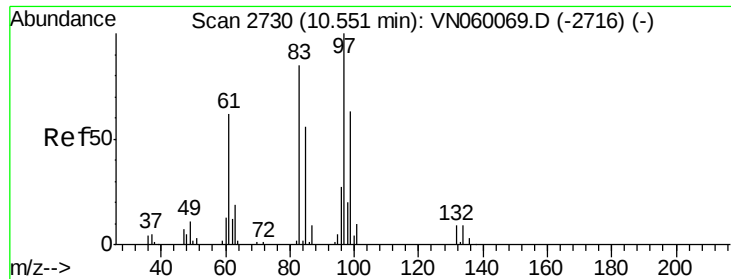
Ion Ratio Lower Upper

75 100

77 31.2 25.6 38.4

39 52.8 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 18.363 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. -0.00 min

Lab File: VN060085.D

Acq: 13 Feb 2020 11:24

Instrument :

MSVOA_N

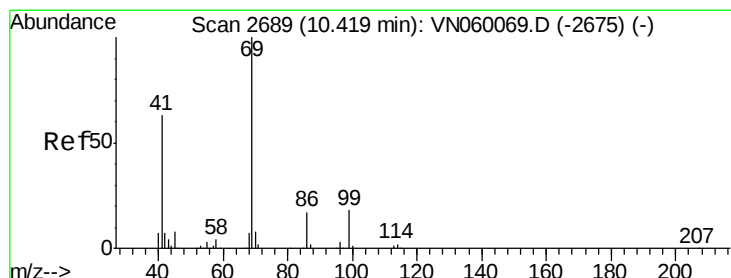
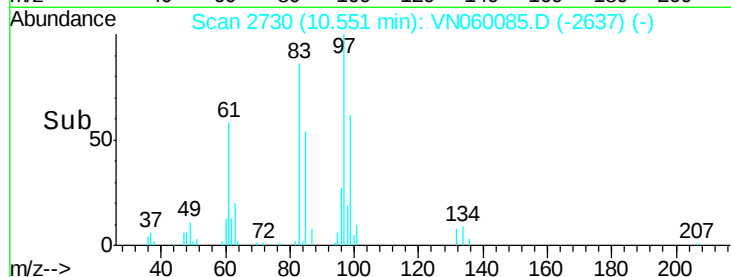
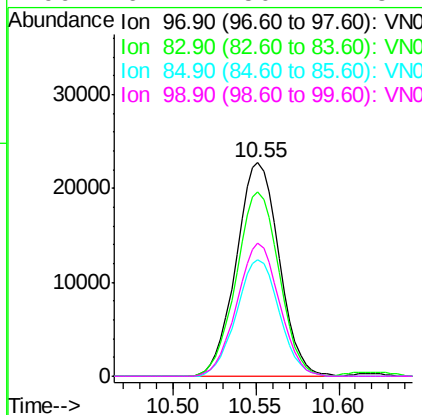
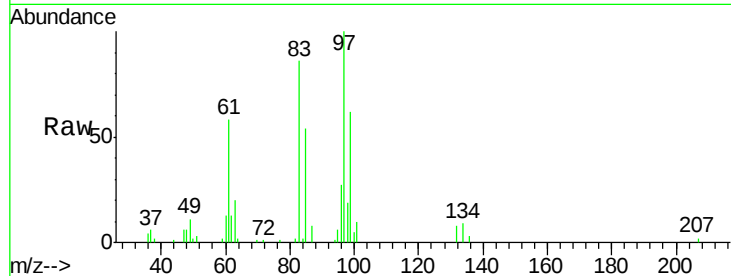
ClientSampleId :

VN0213WBS01

Tot Ion:	97	Resp:	41097
Ion	Ratio	Lower	Upper
97	100		
83	86.3	67.9	101.9
85	54.3	44.6	67.0
99	62.4	50.1	75.1

Manual Integrations
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#56

Ethyl methacrylate

Concen: 18.392 ug/l

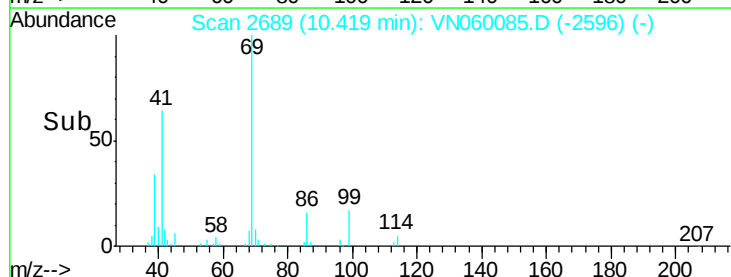
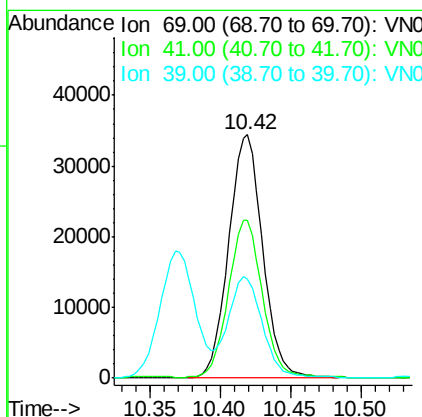
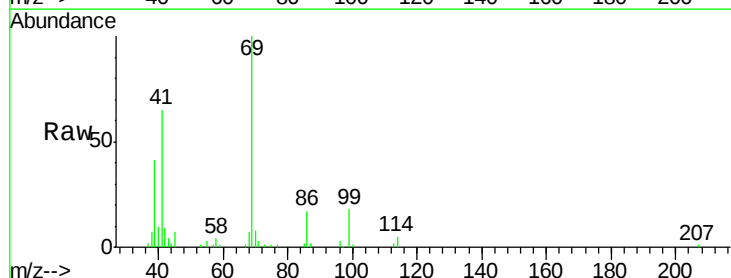
RT: 10.42 min Scan# 2689

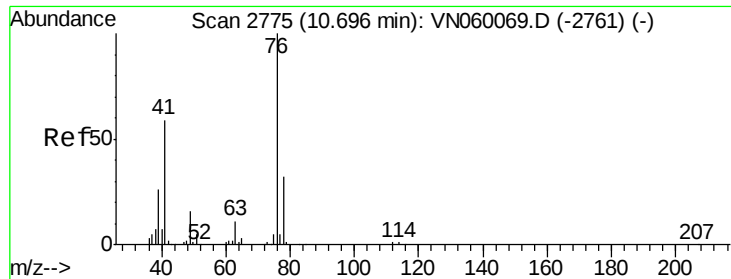
Delta R.T. -0.00 min

Lab File: VN060085.D

Acq: 13 Feb 2020 11:24

Tgt Ion:	69	Resp:	58226
Ion	Ratio	Lower	Upper
69	100		
41	65.3	51.1	76.7
39	42.9	33.8	50.8





#57

1,3-Dichloropropane

Concen: 18.322 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060085.D

Acq: 13 Feb 2020 11:24

Instrument :

MSVOA_N

ClientSampleId :

VN0213WBS01

Tot Ion: 76 Resp: 67659

Ion Ratio Lower Upper

76 100

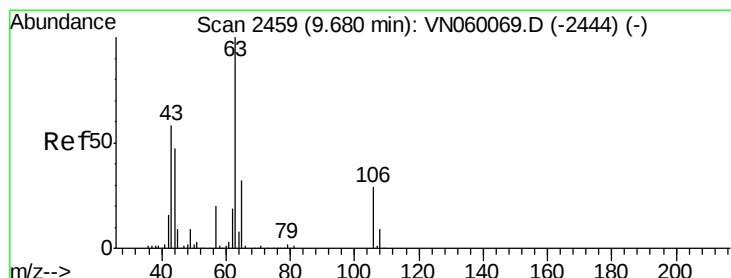
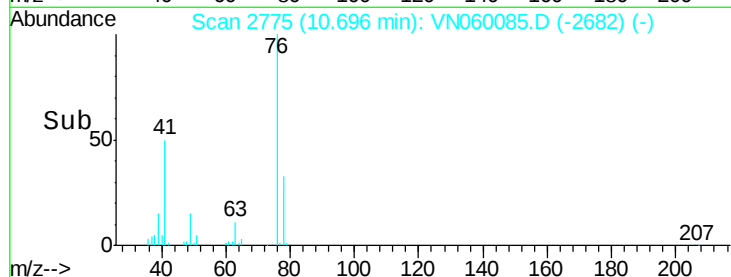
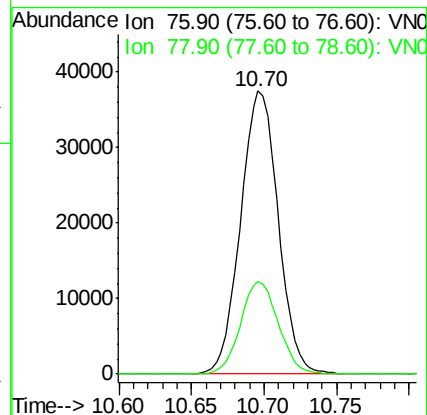
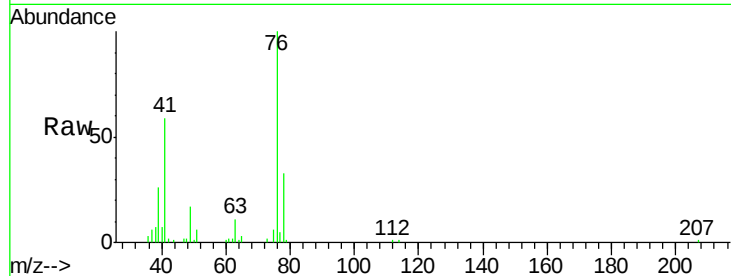
78 32.7 25.7 38.5

Manual Integrations

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MMDadoda

2/14/2020 10:27:45 AM



#58

2-Chloroethyl Vinyl ether

Concen: 93.459 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. -0.00 min

Lab File: VN060085.D

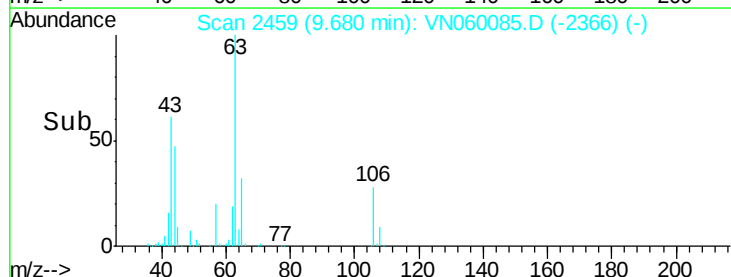
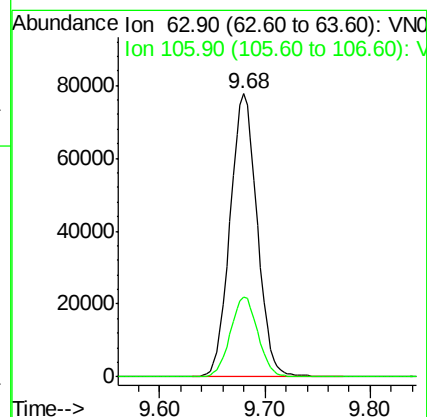
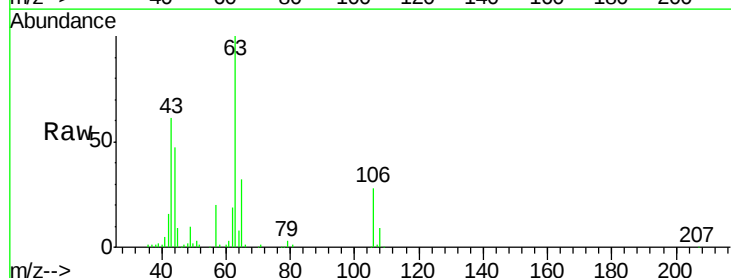
Acq: 13 Feb 2020 11:24

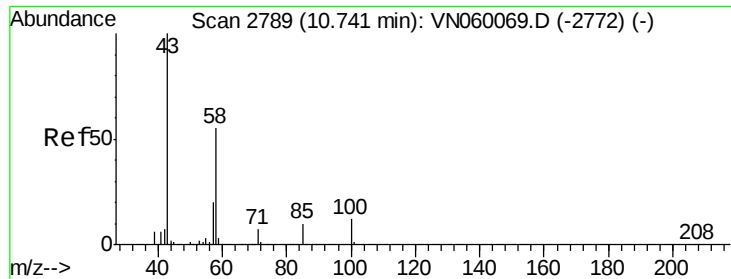
Tgt Ion: 63 Resp: 137844

Ion Ratio Lower Upper

63 100

106 28.7 22.9 34.3





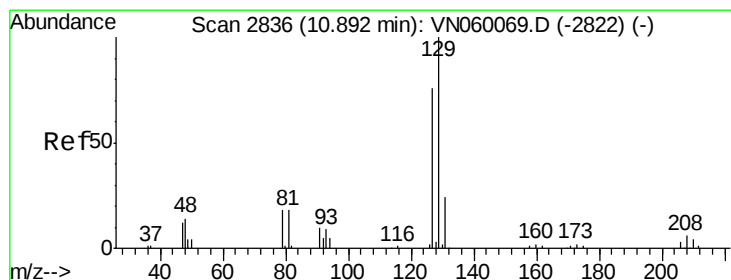
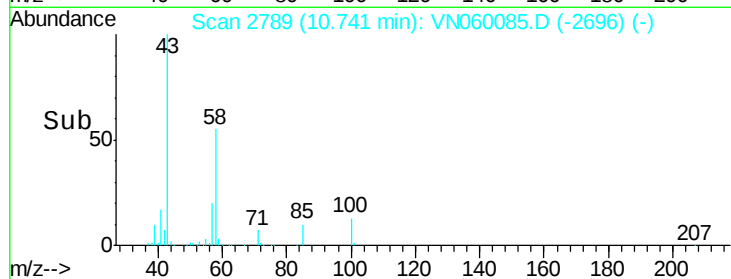
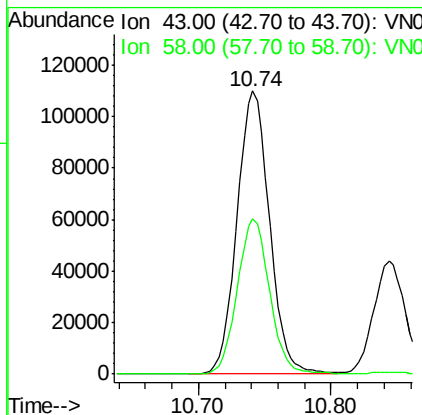
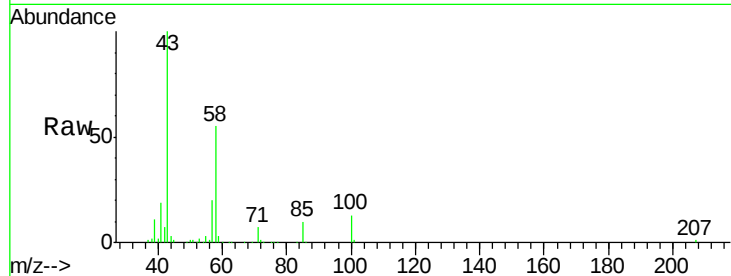
#59
2-Hexanone
Concen: 90.061 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060085.D
Acq: 13 Feb 2020 11:24

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01

Tot Ion: 43 Resp: 187611
Ion Ratio Lower Upper
43 100
58 54.5 27.5 82.4

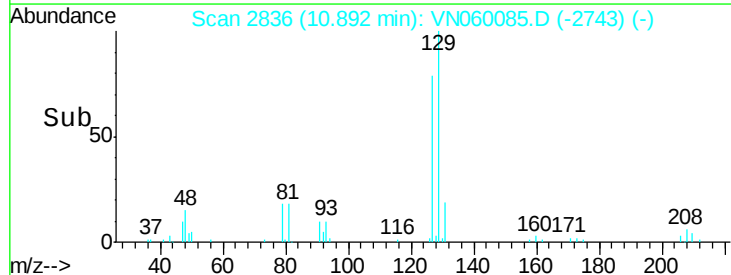
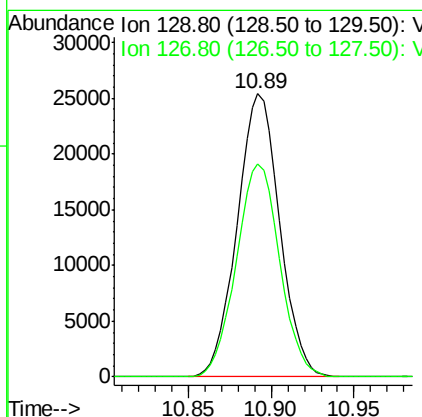
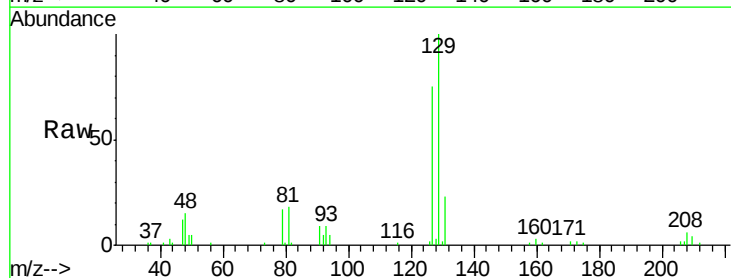
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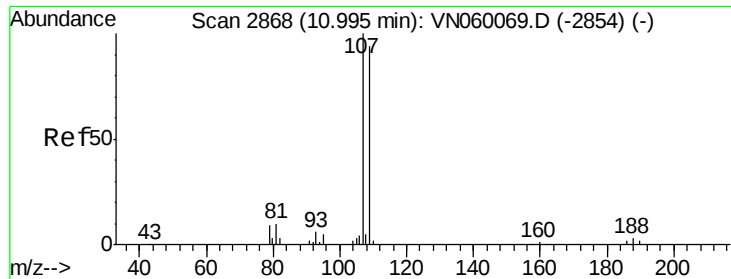
MMDadoda
2/14/2020 10:27:45 AM



#60
Dibromochloromethane
Concen: 17.625 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060085.D
Acq: 13 Feb 2020 11:24

Tgt Ion: 129 Resp: 45265
Ion Ratio Lower Upper
129 100
127 76.7 38.0 114.1





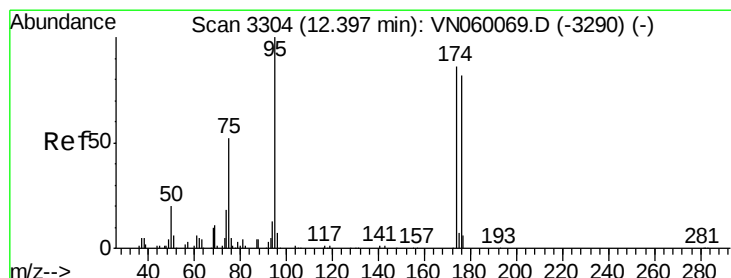
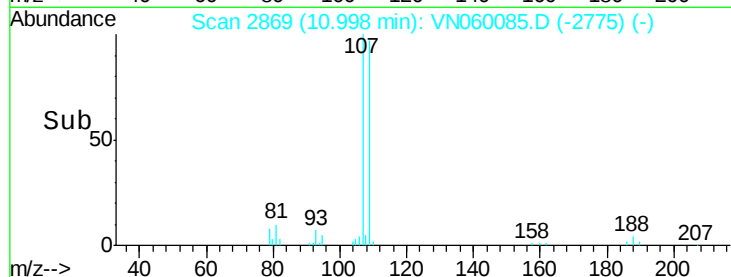
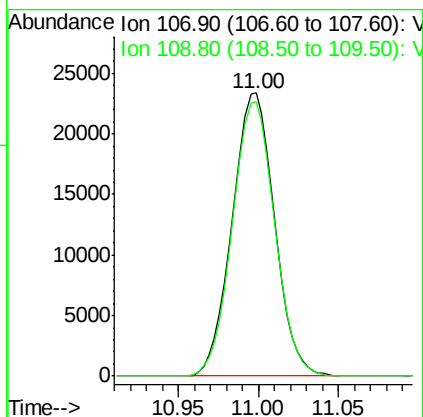
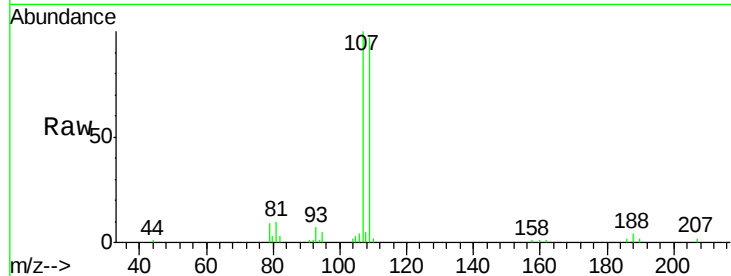
#61
 1,2-Dibromoethane
 Concen: 17.988 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN060085.D
 Acq: 13 Feb 2020 11:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0213WBS01

Tot Ion: 107 Resp: 42200
 Ion Ratio Lower Upper
 107 100
 109 97.1 75.4 113.0

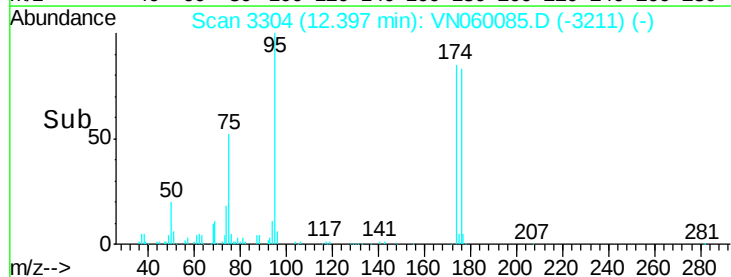
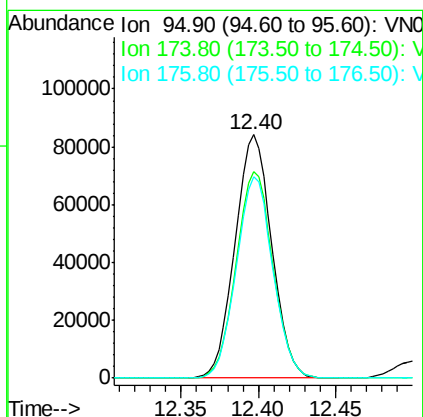
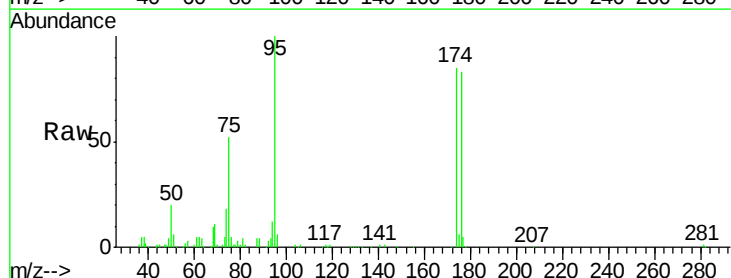
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 2/14/2020 10:27:45 AM



#62
 4-Bromofluorobenzene
 Concen: 47.893 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060085.D
 Acq: 13 Feb 2020 11:24

Tgt Ion: 95 Resp: 138699
 Ion Ratio Lower Upper
 95 100
 174 85.1 0.0 169.8
 176 82.5 0.0 164.8





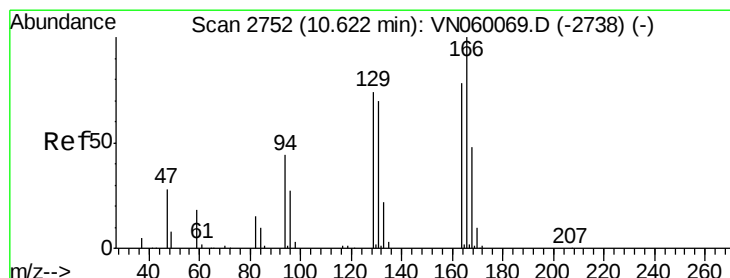
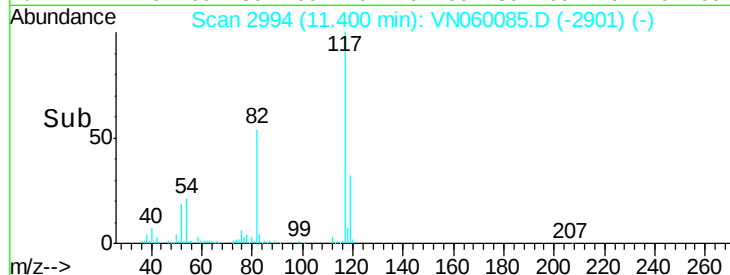
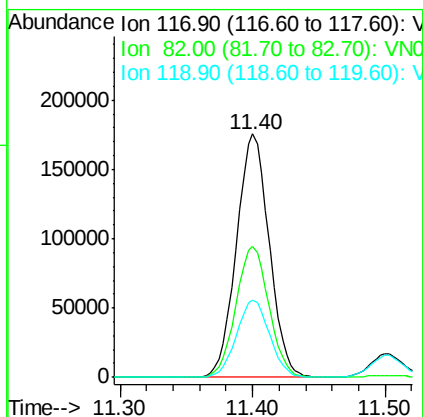
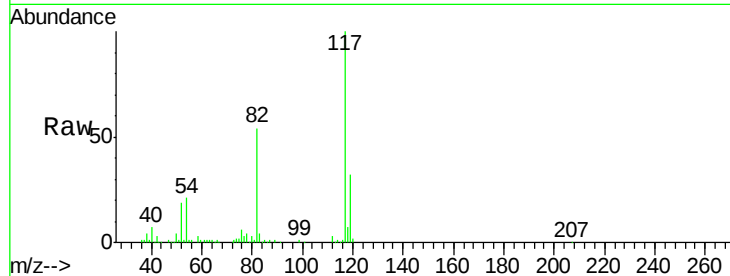
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060085.D
Acq: 13 Feb 2020 11:24

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	301653		
82	53.9	43.4	65.0	
119	31.7	25.8	38.6	

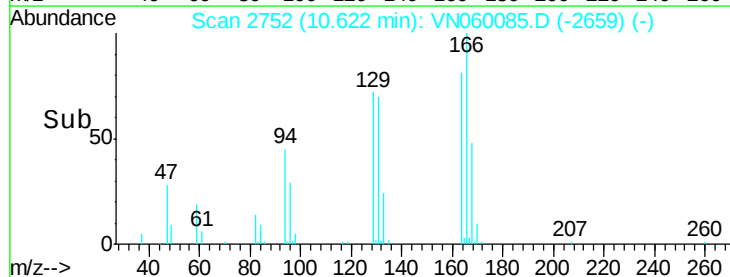
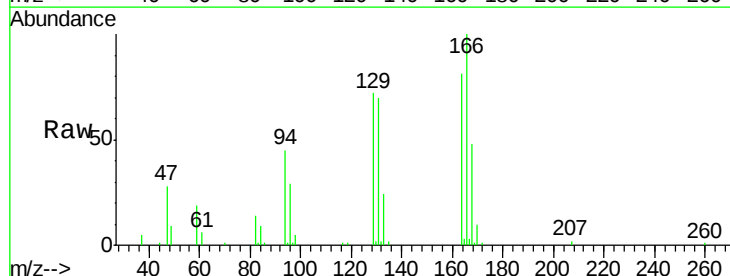
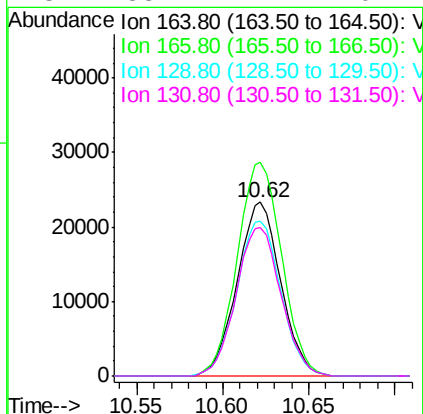
Manual Integrations
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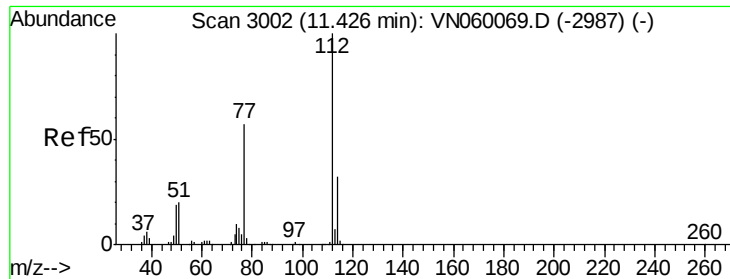
MMDadoda
2/14/2020 10:27:45 AM



#64
Tetrachloroethene
Concen: 17.785 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN060085.D
Acq: 13 Feb 2020 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	40784		
166	122.8	101.9	152.9	
129	88.9	75.4	113.0	
131	85.7	71.4	107.2	





#65

Chlorobenzene

Concen: 18.057 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. -0.00 min

Lab File: VN060085.D

Acq: 13 Feb 2020 11:24

Instrument :

MSVOA_N

ClientSampleId :

VN0213WBS01

Tot Ion:112 Resp: 110972

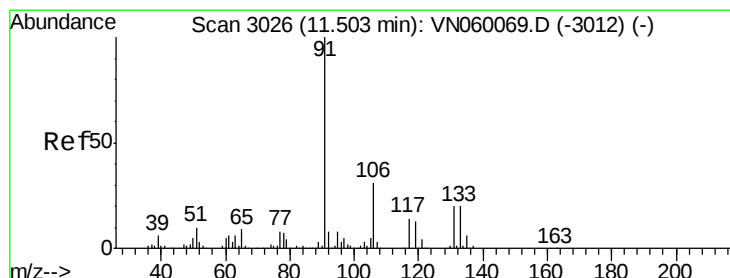
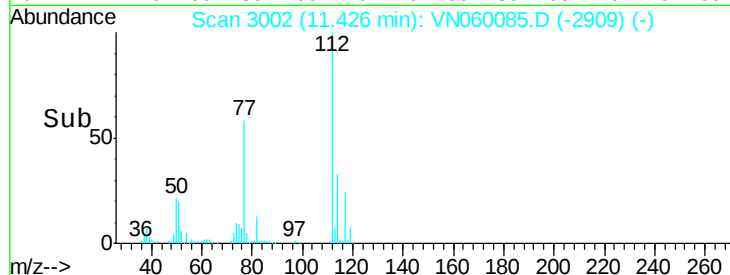
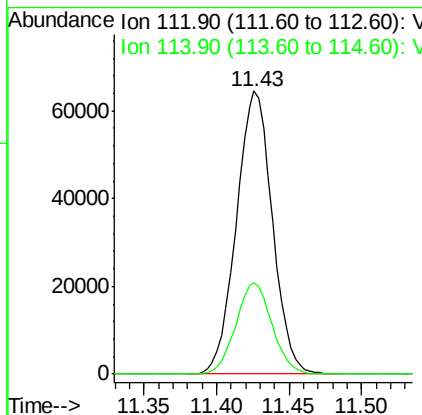
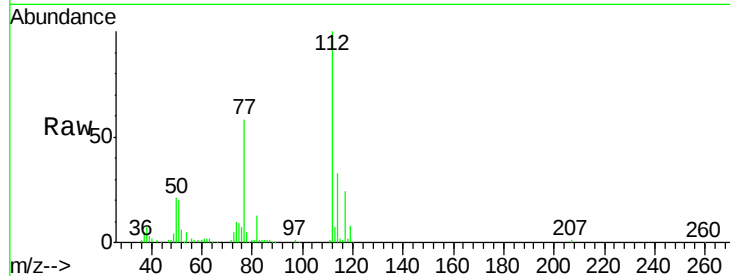
Ion Ratio Lower Upper

112 100

114 32.5 25.4 38.0

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 18.300 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060085.D

Acq: 13 Feb 2020 11:24

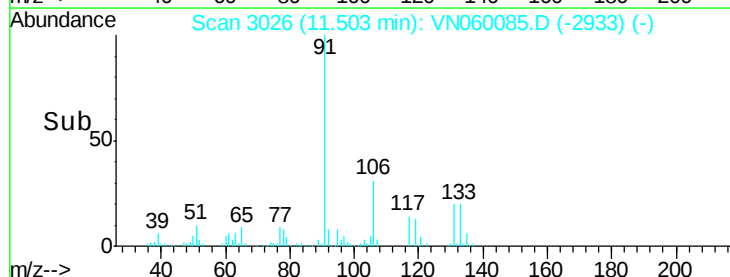
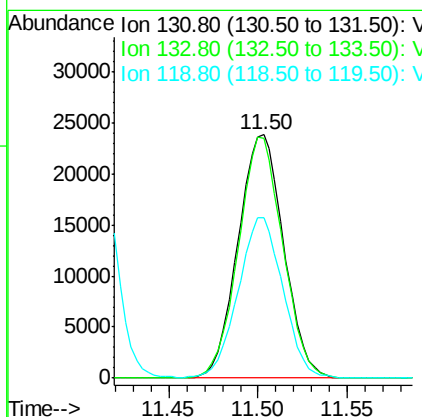
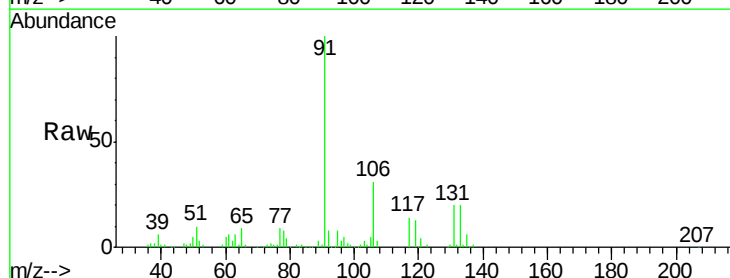
Tgt Ion:131 Resp: 42545

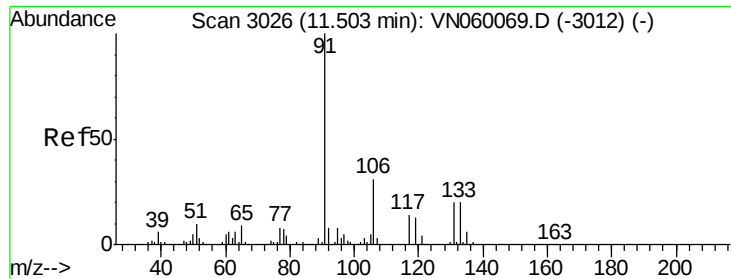
Ion Ratio Lower Upper

131 100

133 96.8 47.9 143.7

119 64.9 32.6 97.7





#67

Ethyl Benzene

Concen: 18.055 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060085.D

Acq: 13 Feb 2020 11:24

Instrument :

MSVOA_N

ClientSampleId :

VN0213WBS01

Tot Ion: 91 Resp: 200121

Ion Ratio Lower Upper

91 100

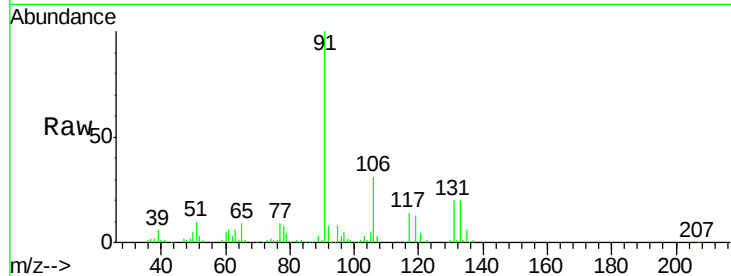
106 31.1 25.1 37.7

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN060069.D (-3012) (-)

Ion 106.00 (105.70 to 106.70): VN060069.D (-3012) (-)

150000

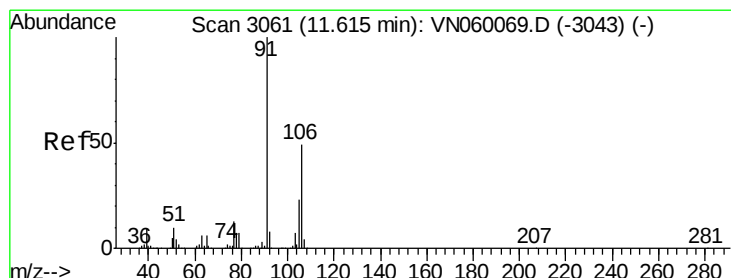
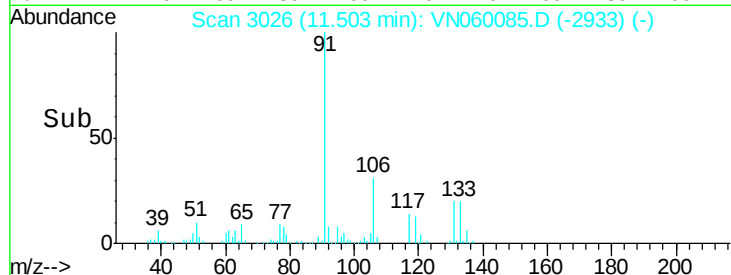
11.50

100000

50000

0

Time-->



#68

m/p-Xylenes

Concen: 36.071 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN060085.D

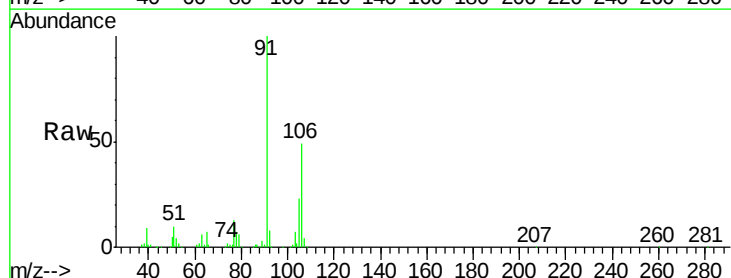
Acq: 13 Feb 2020 11:24

Tgt Ion: 106 Resp: 150060

Ion Ratio Lower Upper

106 100

91 203.7 162.7 244.1



Abundance Ion 106.00 (105.70 to 106.70): VN060069.D (-3043) (-)

Ion 91.00 (90.70 to 91.70): VN060069.D (-3043) (-)

150000

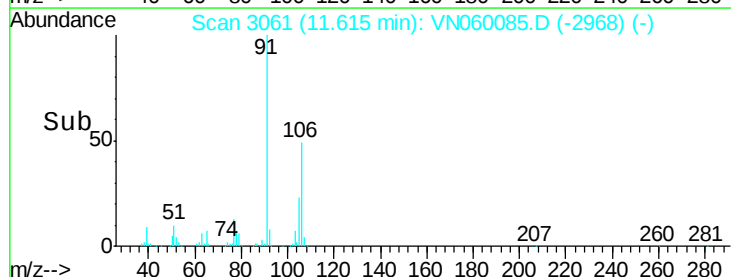
11.62

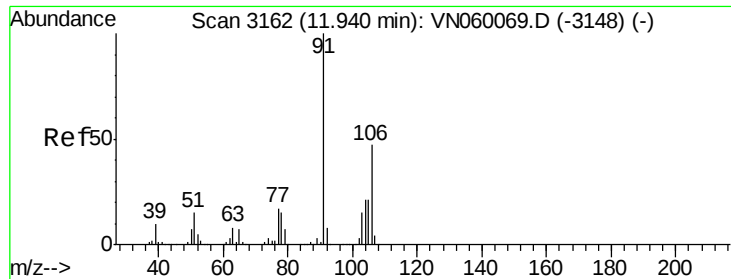
100000

50000

0

Time-->





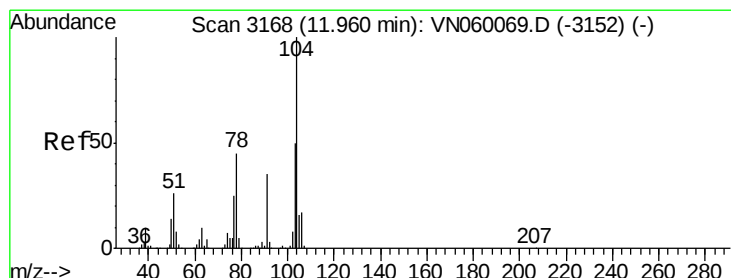
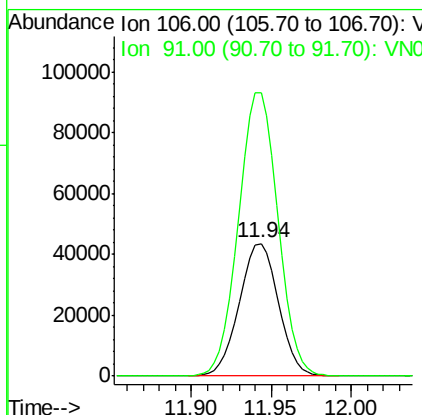
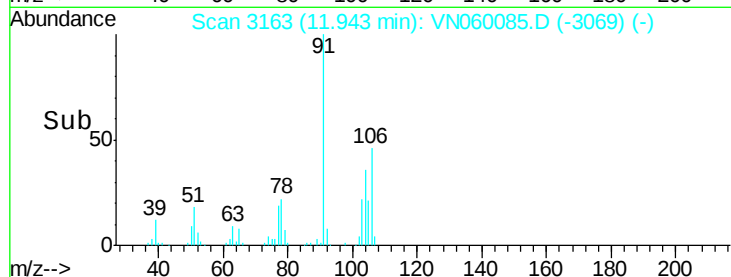
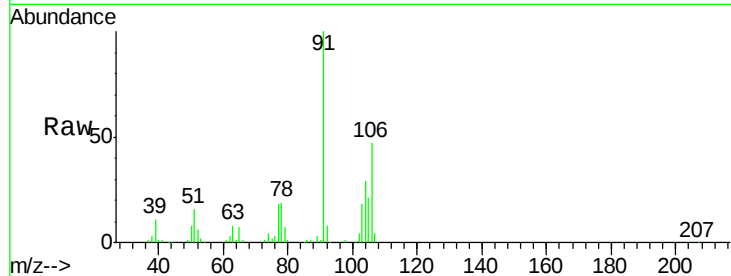
#69
o-Xylene
Concen: 18.179 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN060085.D
Acq: 13 Feb 2020 11:24

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01

Tot Ion:106 Resp: 72815
Ion Ratio Lower Upper
106 100
91 214.5 107.2 321.6

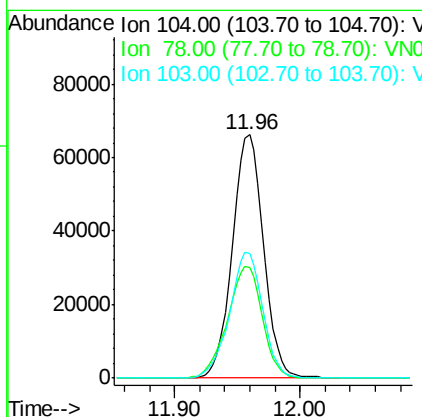
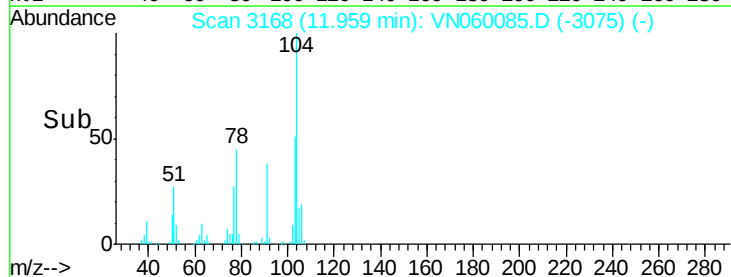
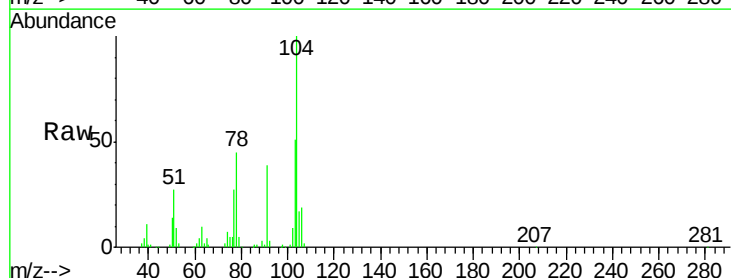
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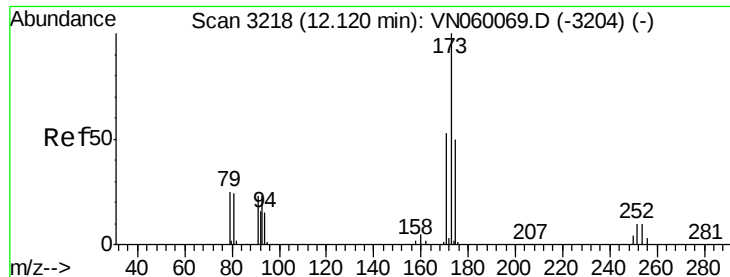
MMDadoda
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#70
Styrene
Concen: 17.741 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN060085.D
Acq: 13 Feb 2020 11:24

Tgt Ion:104 Resp: 114590
Ion Ratio Lower Upper
104 100
78 51.0 40.2 60.2
103 55.1 44.3 66.5





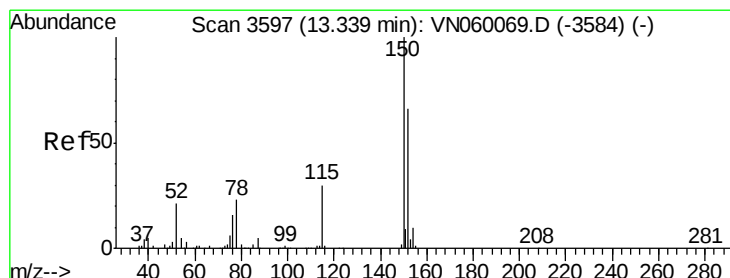
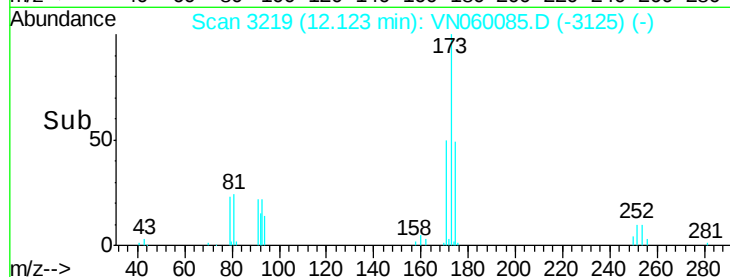
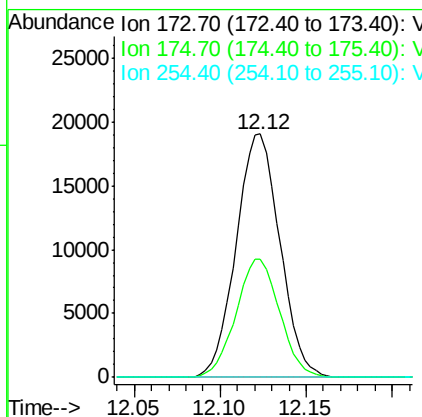
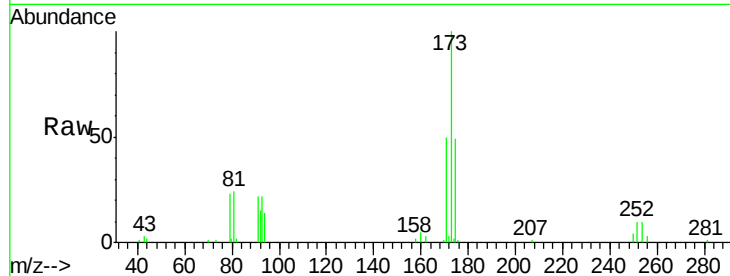
#71
Bromoform
Concen: 17.975 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. 0.00 min
Lab File: VN060085.D
Acq: 13 Feb 2020 11:24

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.9	74.6
254	0.0	0.0	0.0

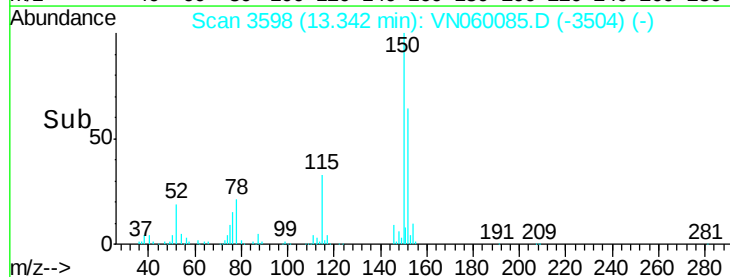
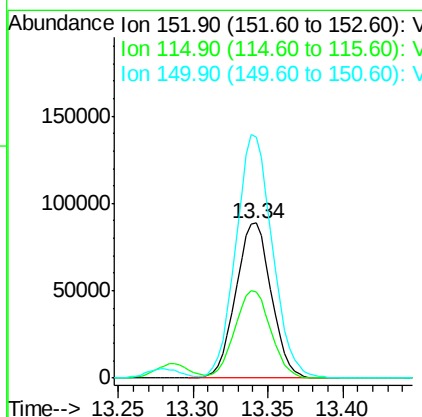
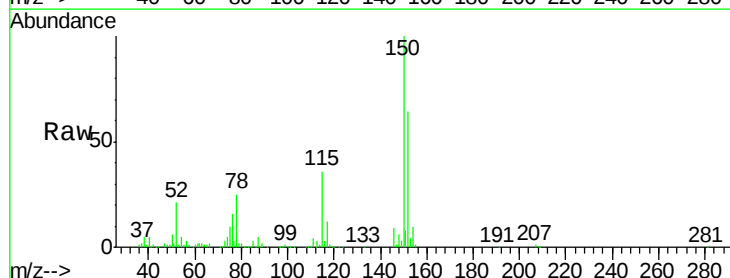
Manual Integrations
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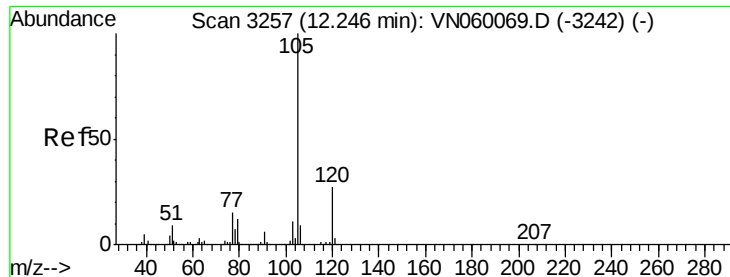
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN060085.D
Acq: 13 Feb 2020 11:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.4	28.9	86.8
150	162.0	0.0	342.4





#73

Isopropylbenzene

Concen: 18.016 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN060085.D

Acq: 13 Feb 2020 11:24

Instrument :

MSVOA_N

ClientSampleId :

VN0213WBS01

Tot Ion: 105 Resp: 197047

Ion Ratio Lower Upper

105 100

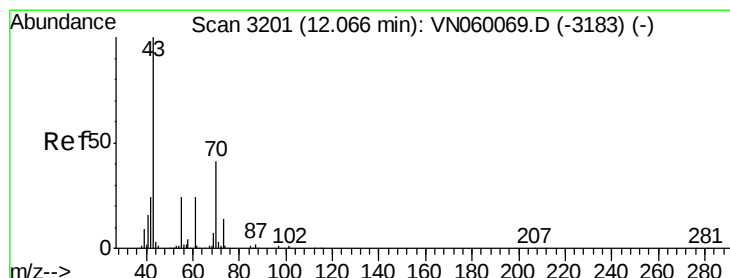
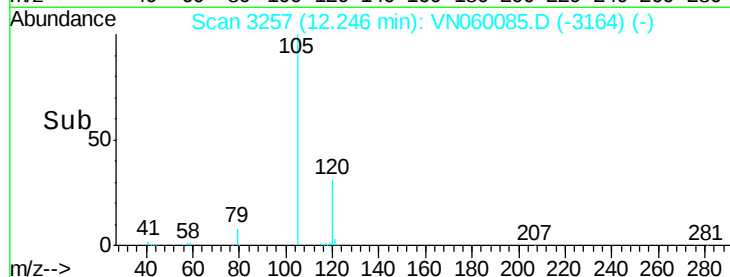
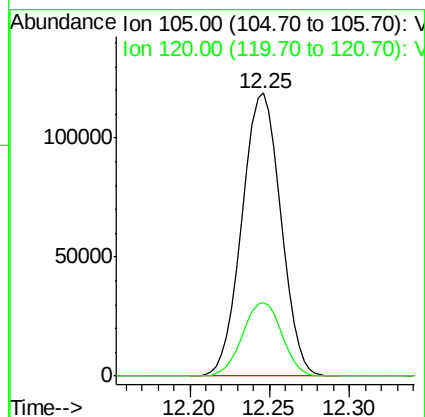
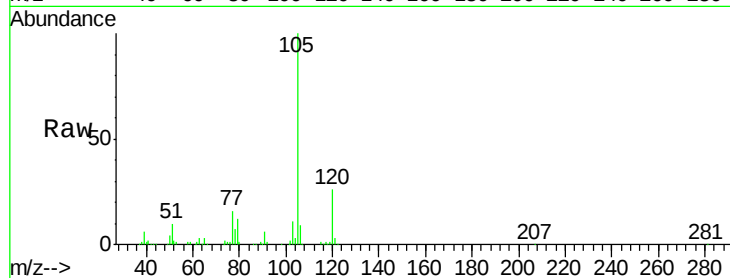
120 26.3 13.3 39.8

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#74

N-ethyl acetate

Concen: 18.505 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN060085.D

Acq: 13 Feb 2020 11:24

Tgt Ion: 43 Resp: 72982

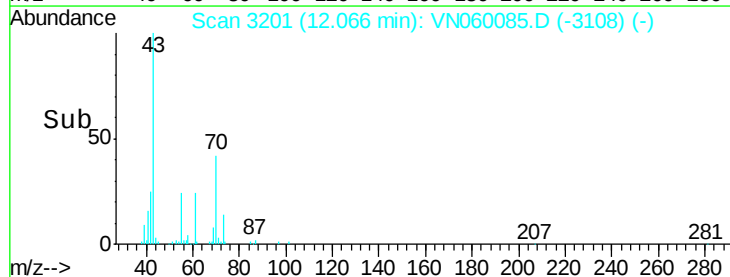
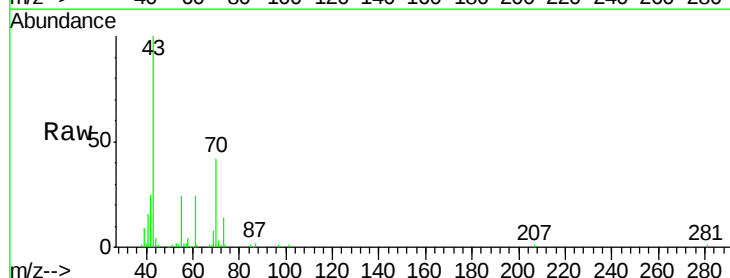
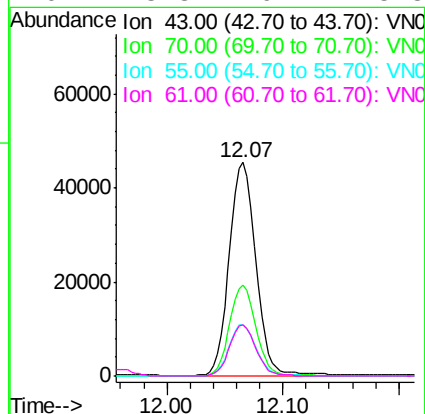
Ion Ratio Lower Upper

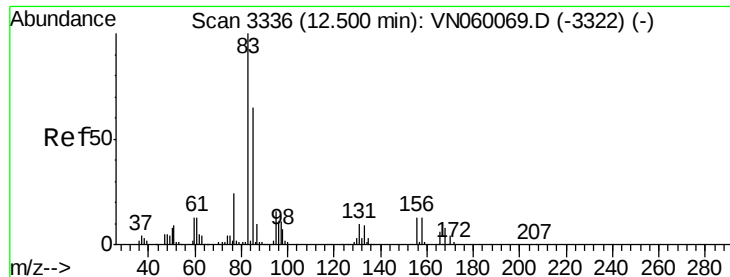
43 100

70 41.8 33.4 50.0

55 24.3 18.8 28.2

61 23.3 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 18.891 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060085.D

Acq: 13 Feb 2020 11:24

Instrument :

MSVOA_N

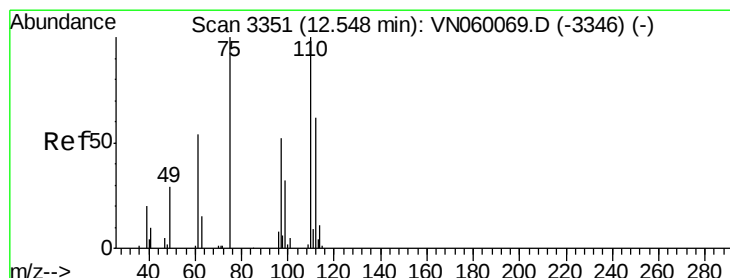
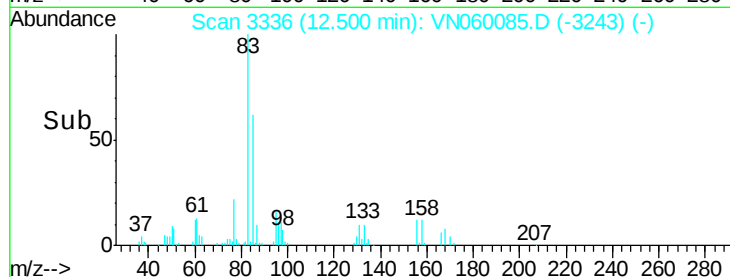
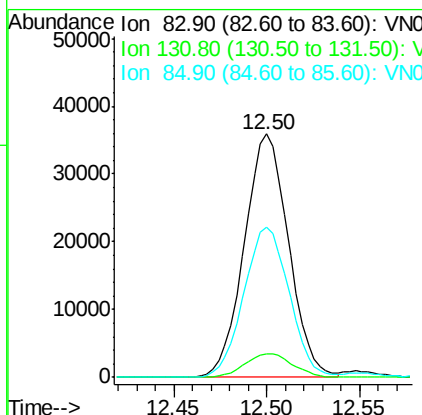
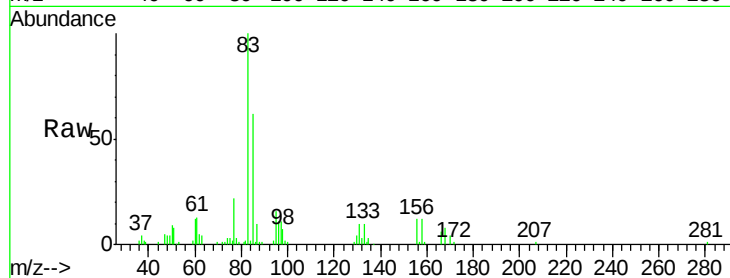
ClientSampleId :

VN0213WBS01

Tot Ion:	83	Resp:	59471
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.2	15.6
85	63.4	32.3	96.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.362 ug/l m

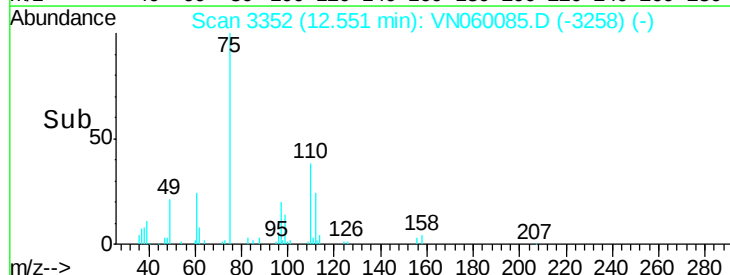
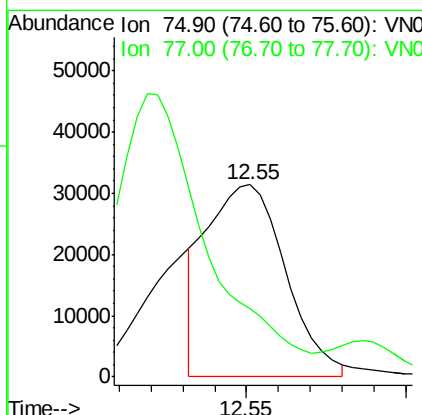
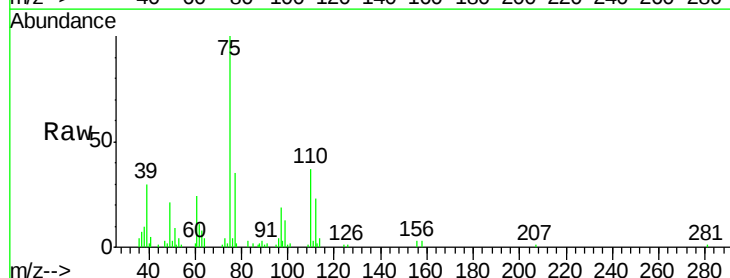
RT: 12.55 min Scan# 3352

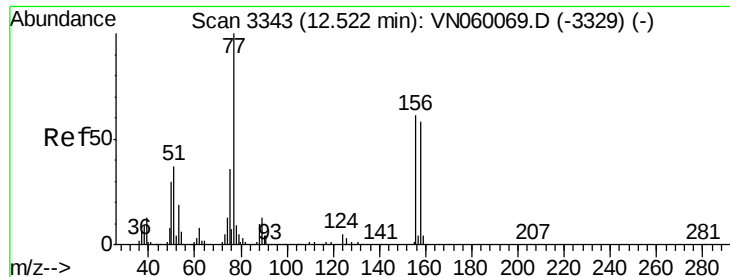
Delta R.T. 0.00 min

Lab File: VN060085.D

Acq: 13 Feb 2020 11:24

Tgt Ion:	75	Resp:	54257
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 17.962 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060085.D

Acq: 13 Feb 2020 11:24

Instrument :

MSVOA_N

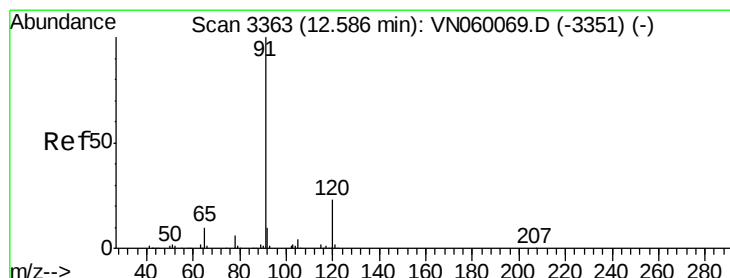
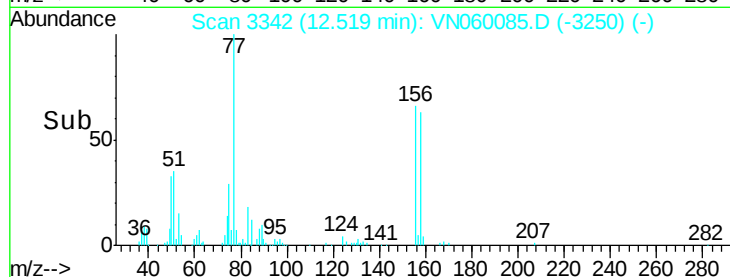
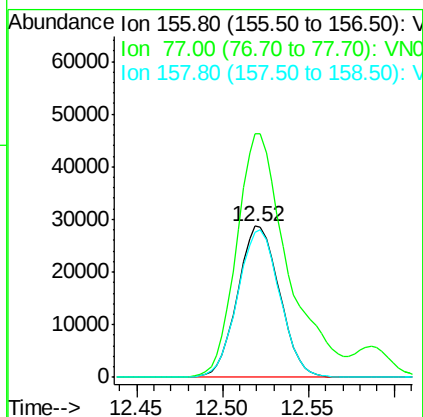
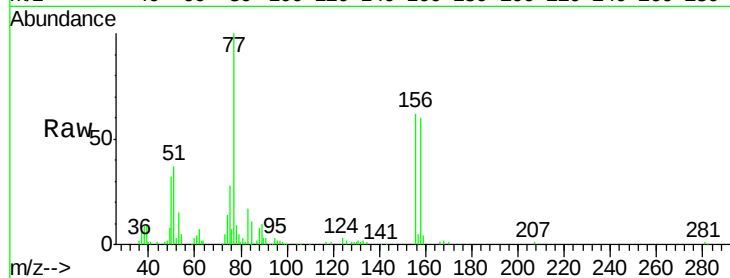
ClientSampleId :

VN0213WBS01

Tot Ion:	156	Resp:	48755
Ion Ratio	Lower	Upper	
156	100		
77	195.4	98.7	296.1
158	98.0	48.1	144.4

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#78

n-propylbenzene

Concen: 17.888 ug/l

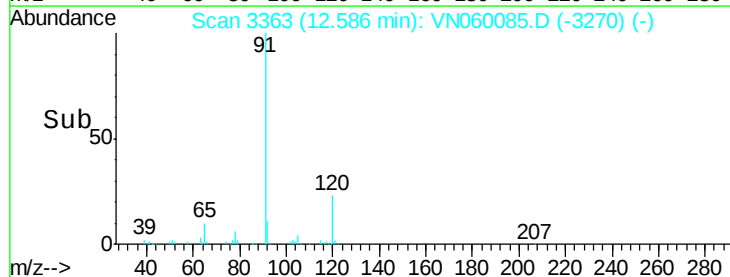
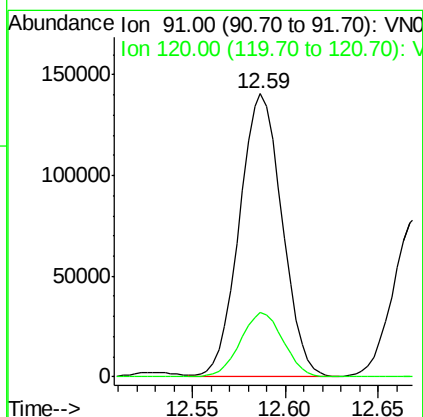
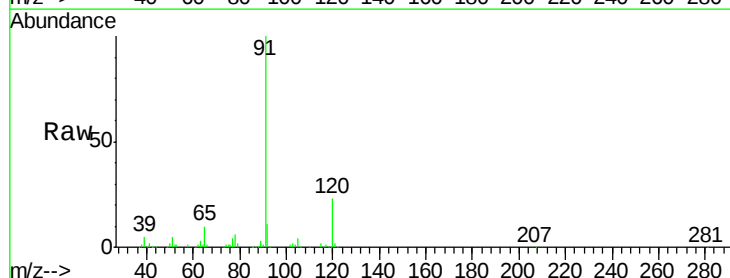
RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060085.D

Acq: 13 Feb 2020 11:24

Tgt Ion:	91	Resp:	222909
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.5	34.5





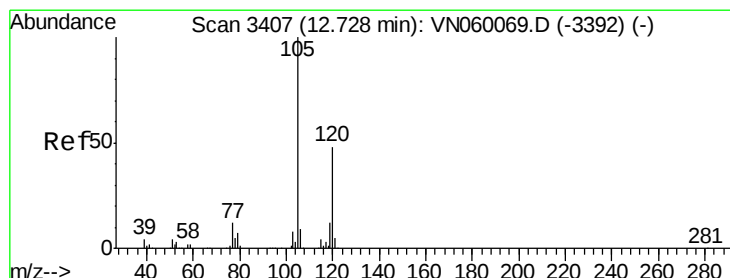
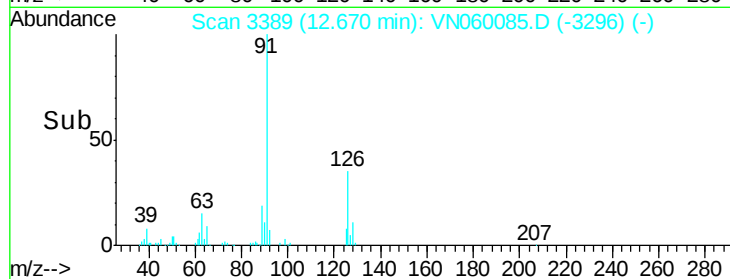
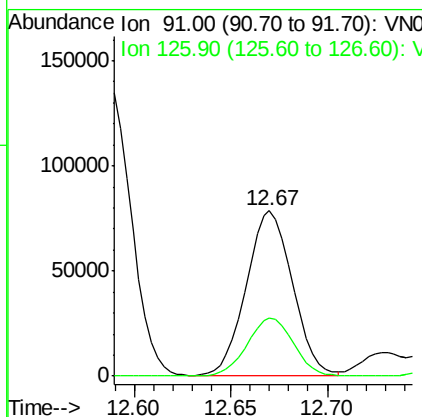
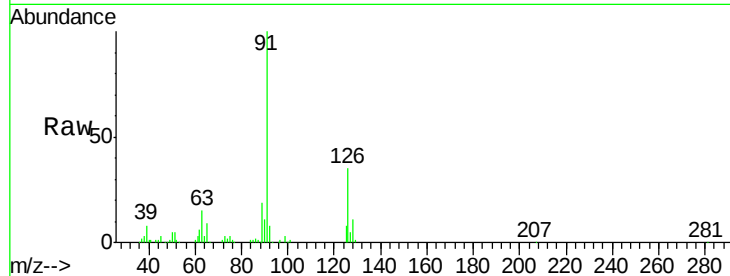
#79
 2-Chlorotoluene
 Concen: 17.870 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. -0.00 min
 Lab File: VN060085.D
 Acq: 13 Feb 2020 11:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0213WBS01

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
126	35.4	17.4	52.2	

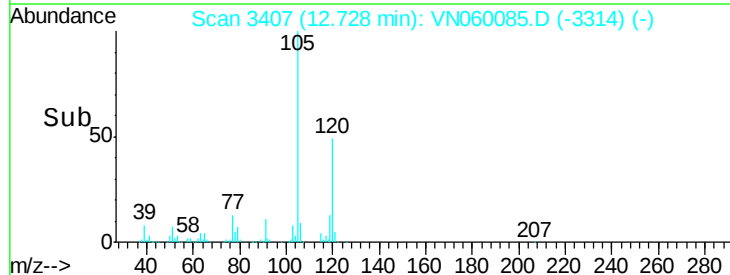
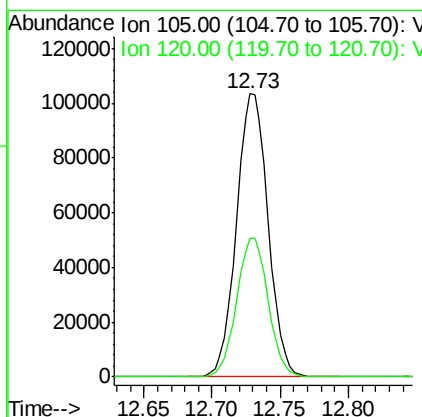
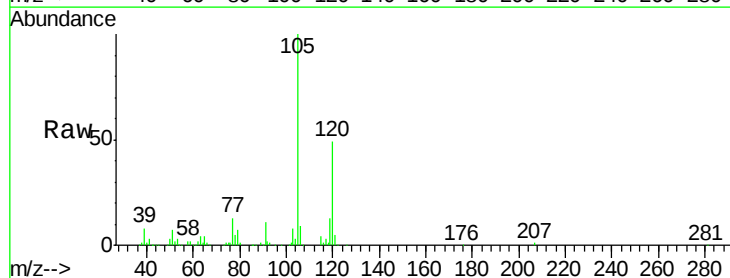
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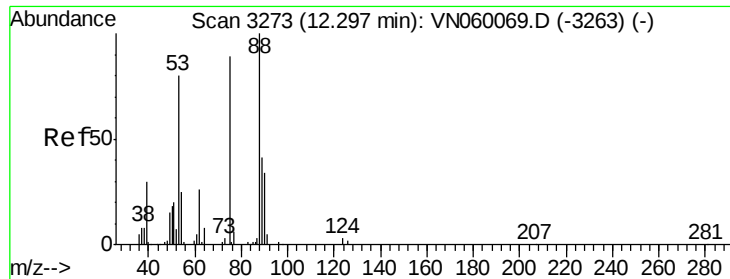
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#80
 1,3,5-Trimethylbenzene
 Concen: 18.206 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. -0.00 min
 Lab File: VN060085.D
 Acq: 13 Feb 2020 11:24

Tgt Ion	Ion	Ratio	Lower	Upper
105	100			
120	49.0	24.3	72.9	





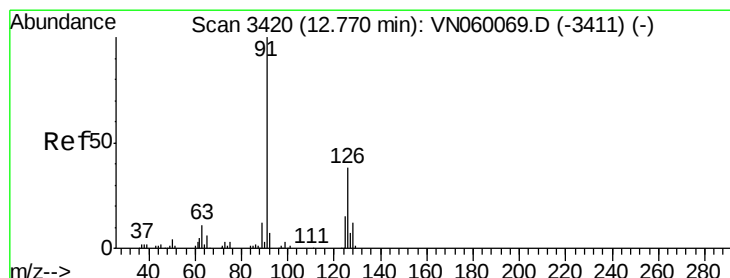
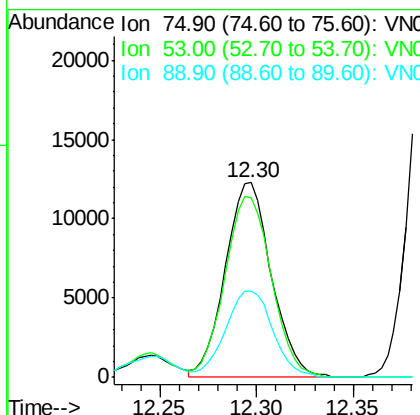
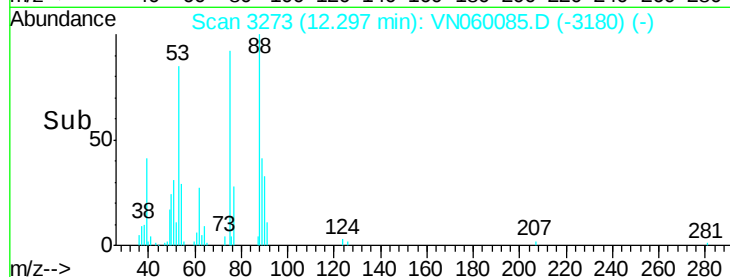
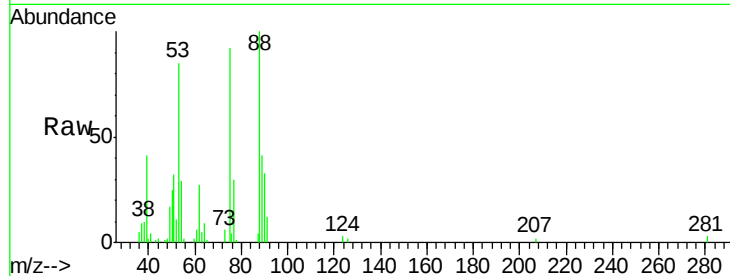
#81
trans-1,4-Dichloro-2-butene
Concen: 17.776 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. -0.00 min
Lab File: VN060085.D
Acq: 13 Feb 2020 11:24

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.0	73.9	110.9
89	45.8	37.0	55.4

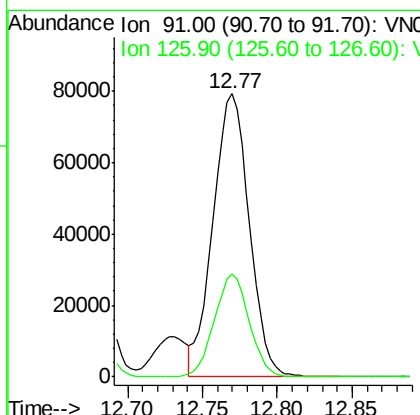
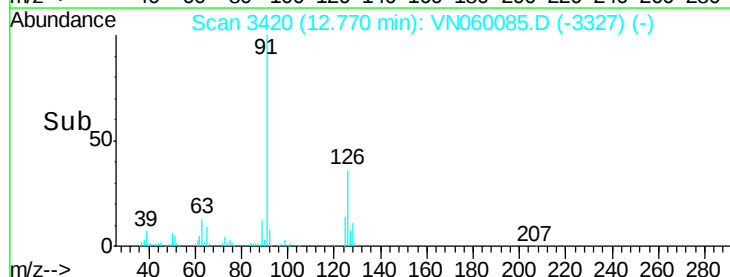
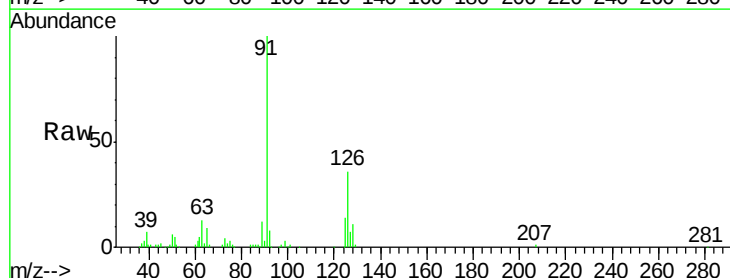
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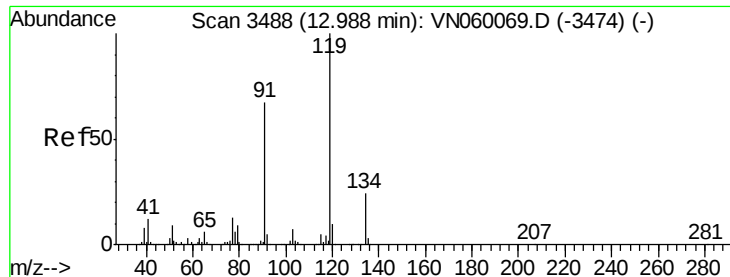
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#82
4-Chlorotoluene
Concen: 17.802 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. -0.00 min
Lab File: VN060085.D
Acq: 13 Feb 2020 11:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.1	51.3





#83

tert-Butylbenzene

Concen: 17.411 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN060085.D

Acq: 13 Feb 2020 11:24

Instrument :

MSVOA_N

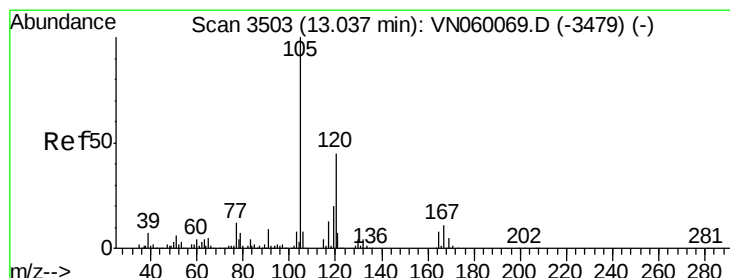
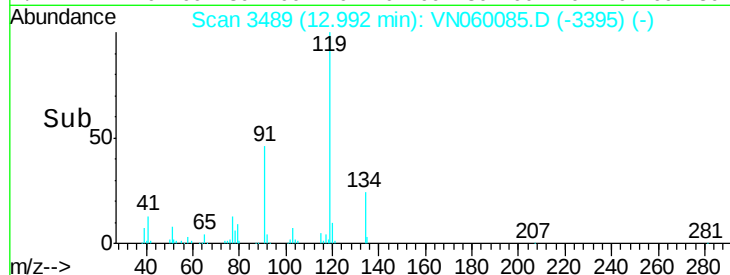
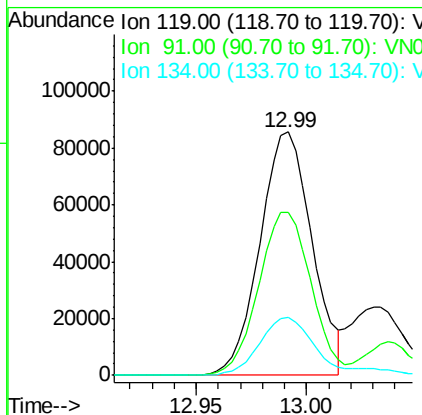
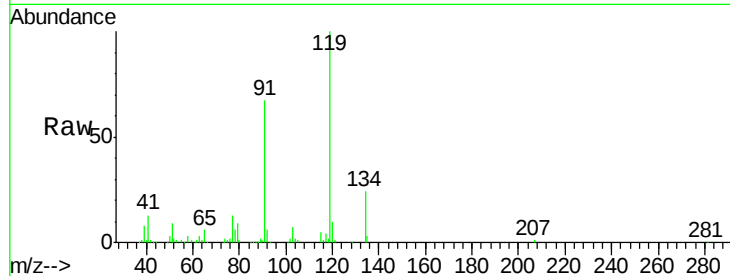
ClientSampleId :

VN0213WBS01

Tot Ion:	119	Resp:	140063
Ion Ratio	Lower	Upper	
119	100		
91	67.3	32.7	98.1
134	24.6	12.9	38.7

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#84

1,2,4-Trimethylbenzene

Concen: 18.287 ug/l

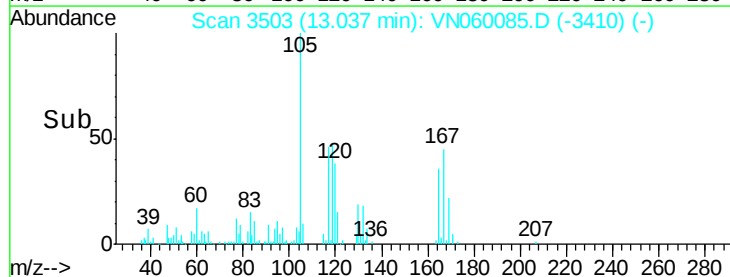
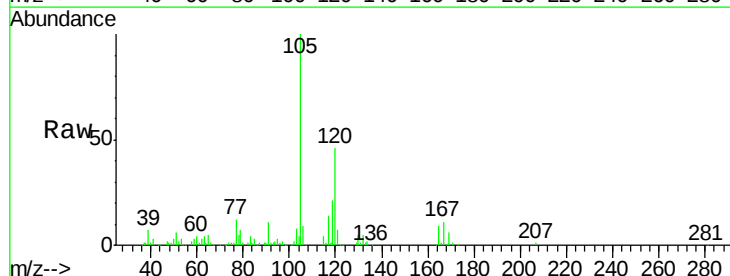
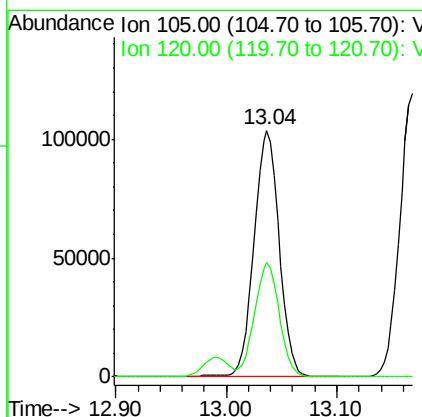
RT: 13.04 min Scan# 3503

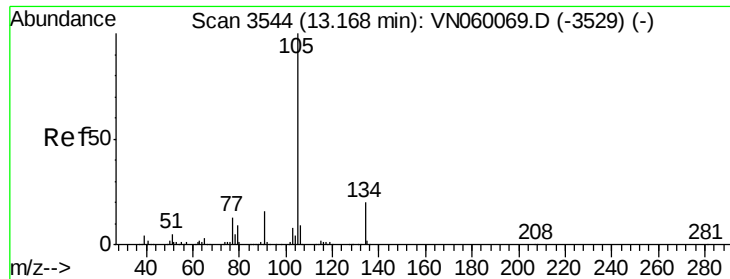
Delta R.T. -0.00 min

Lab File: VN060085.D

Acq: 13 Feb 2020 11:24

Tgt Ion:	105	Resp:	164160
Ion Ratio	Lower	Upper	
105	100		
120	45.5	22.4	67.3





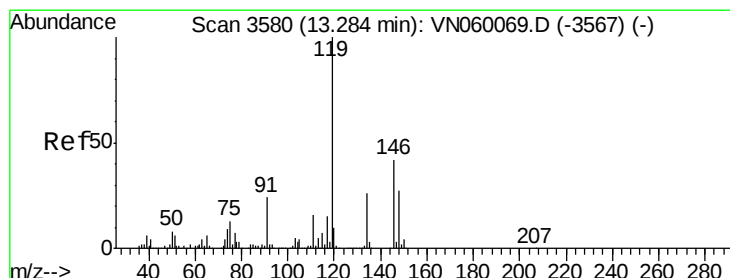
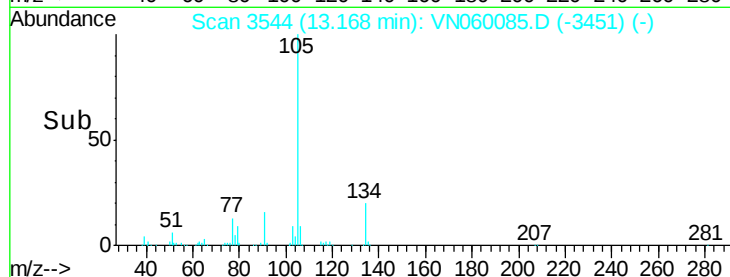
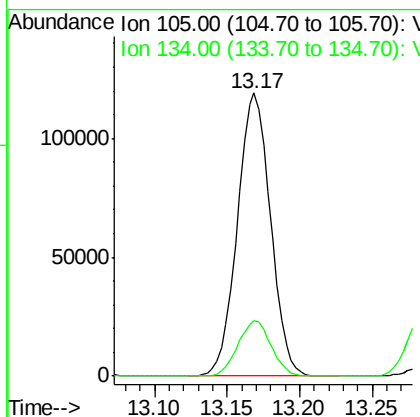
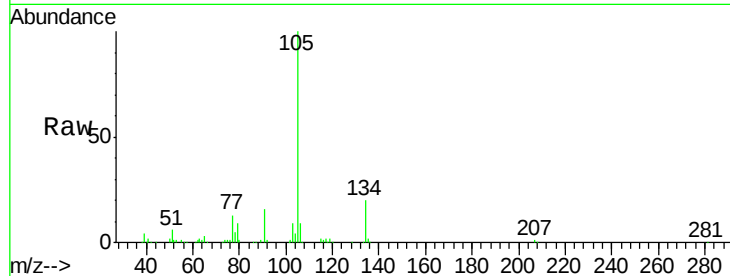
#85
 sec-Butylbenzene
 Concen: 17.743 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: VN060085.D
 Acq: 13 Feb 2020 11:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0213WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	189040		
134	19.7	9.9	29.7	

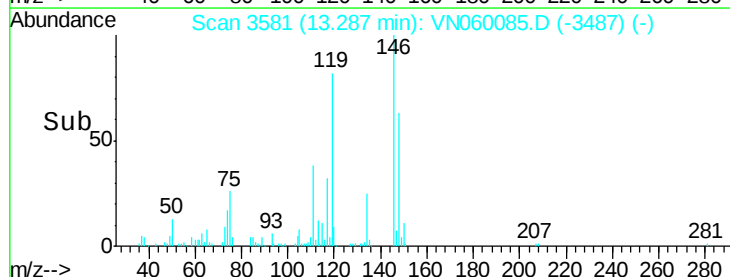
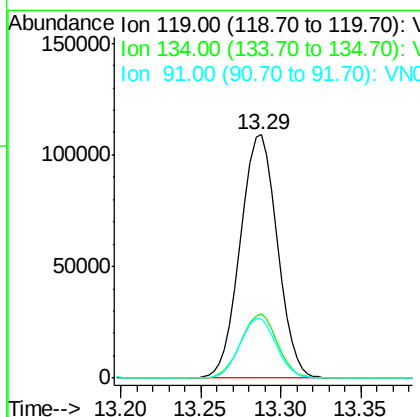
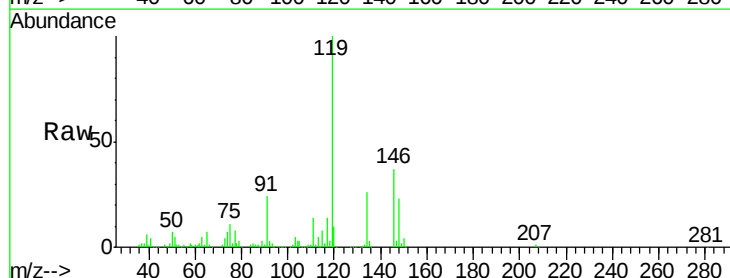
Manual Integrations
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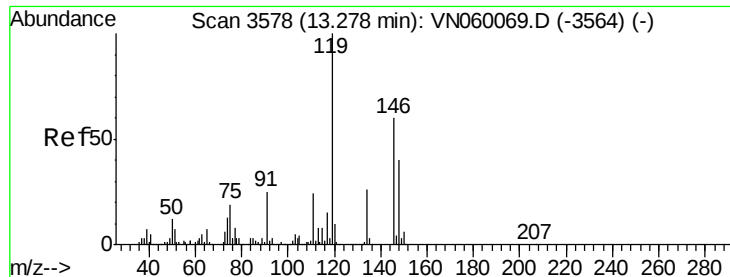
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#86
 p-Isopropyltoluene
 Concen: 17.806 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN060085.D
 Acq: 13 Feb 2020 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	171878		
134	26.0	13.3	39.8	
91	24.1	11.9	35.9	





#87

1,3-Dichlorobenzene

Concen: 18.000 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. -0.00 min

Lab File: VN060085.D

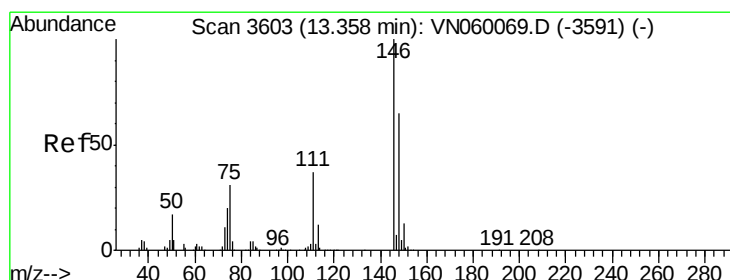
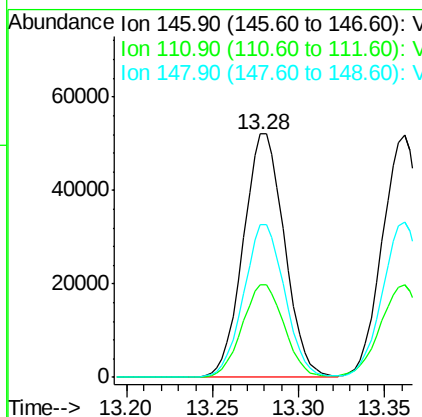
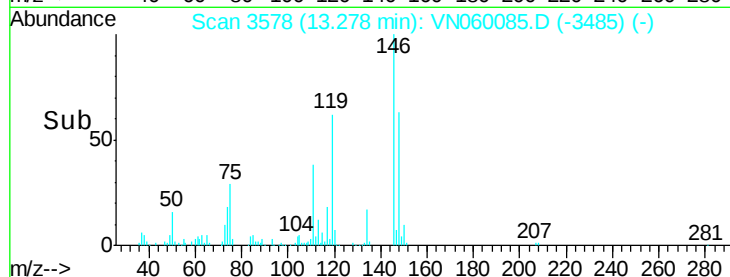
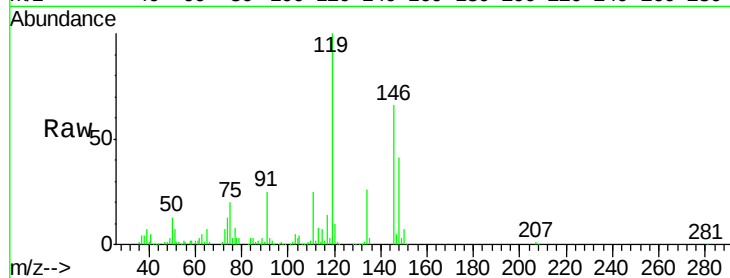
Acq: 13 Feb 2020 11:24

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.8	59.3
148	62.5	32.0	96.2

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#88

1,4-Dichlorobenzene

Concen: 17.739 ug/l

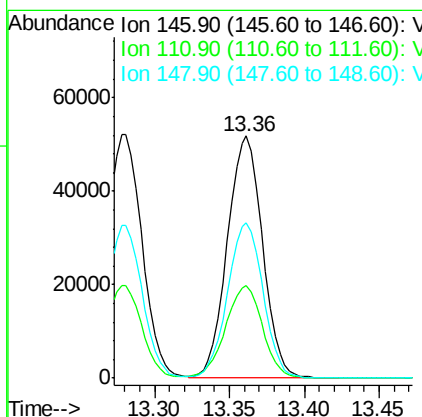
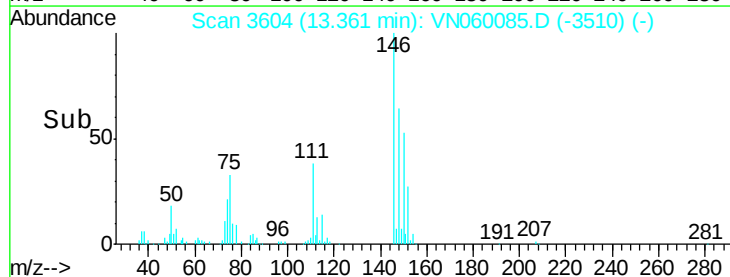
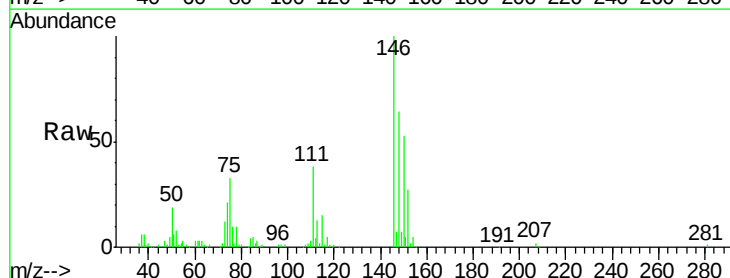
RT: 13.36 min Scan# 3604

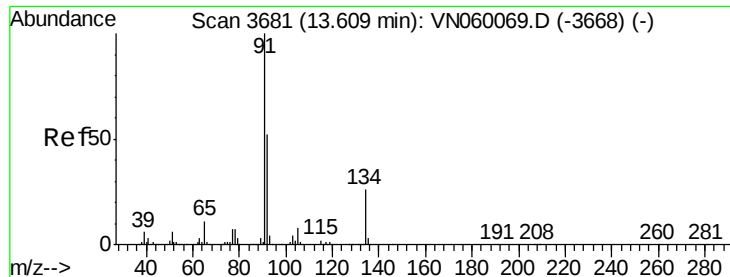
Delta R.T. 0.00 min

Lab File: VN060085.D

Acq: 13 Feb 2020 11:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	18.9	56.5
148	64.6	32.0	96.0





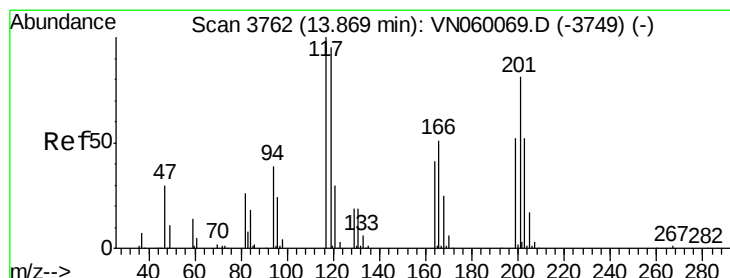
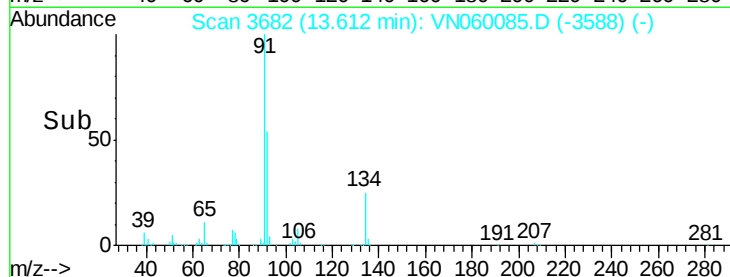
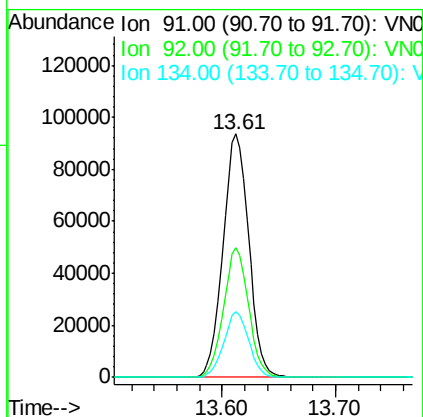
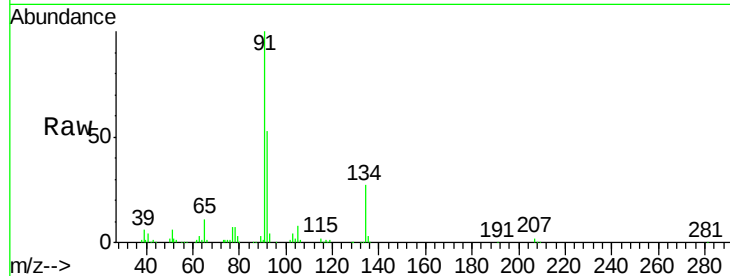
#89
n-Butylbenzene
Concen: 17.487 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN060085.D
Acq: 13 Feb 2020 11:24

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.1	78.2
134	26.1	13.1	39.3

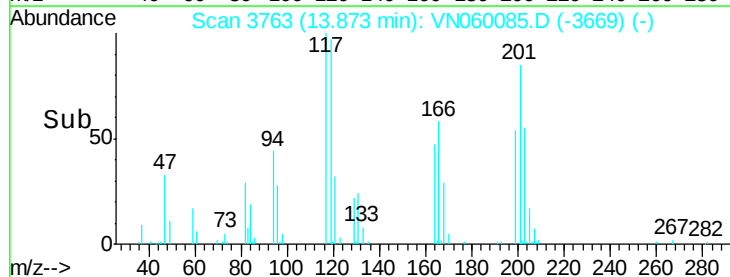
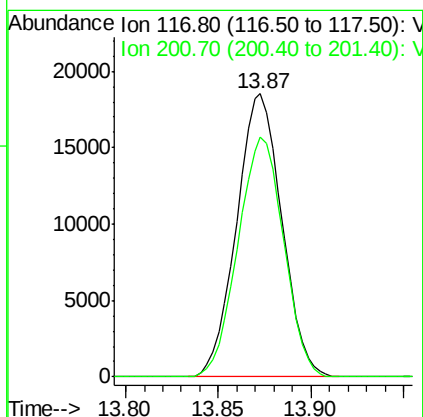
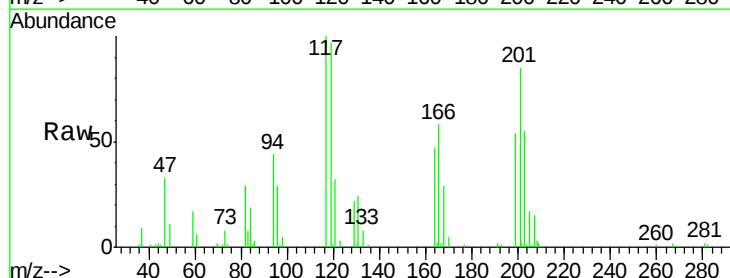
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#90
Hexachloroethane
Concen: 17.384 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN060085.D
Acq: 13 Feb 2020 11:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.4	41.7	125.1





#91

1,2-Dichlorobenzene

Concen: 17.827 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN060085.D

Acq: 13 Feb 2020 11:24

Instrument :

MSVOA_N

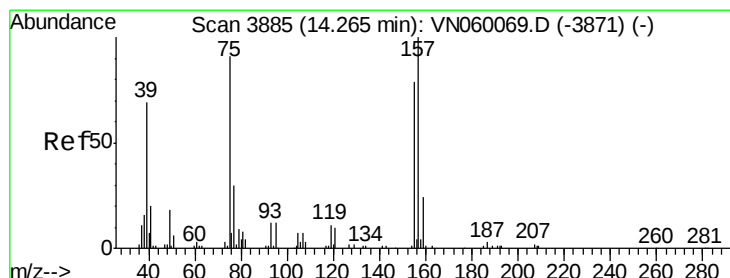
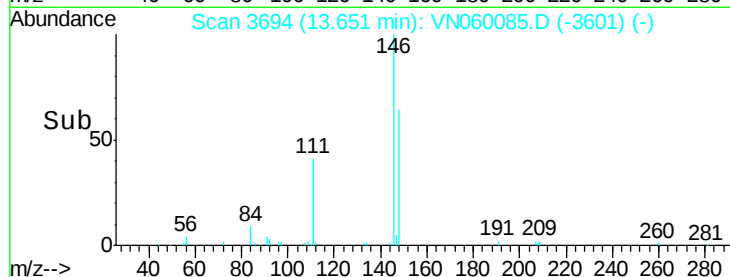
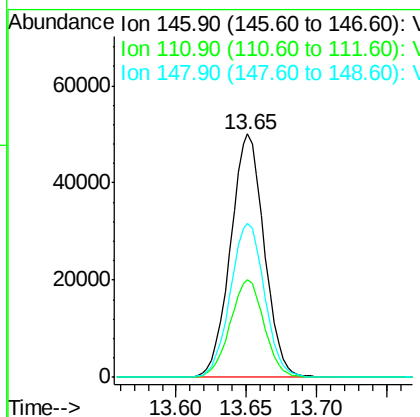
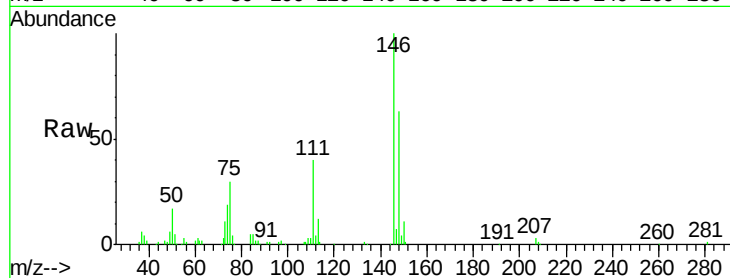
ClientSampleId :

VN0213WBS01

Tot Ion:	146	Resp:	83822
Ion Ratio	Lower	Upper	
146	100		
111	40.2	20.1	60.2
148	64.2	31.9	95.5

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 17.863 ug/l

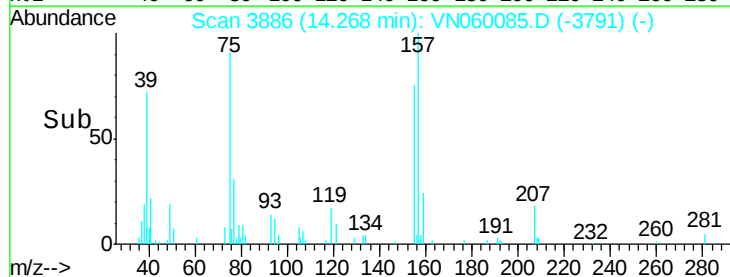
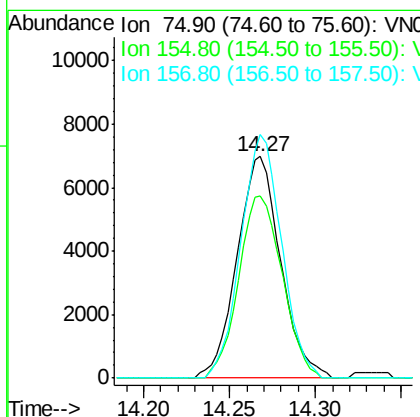
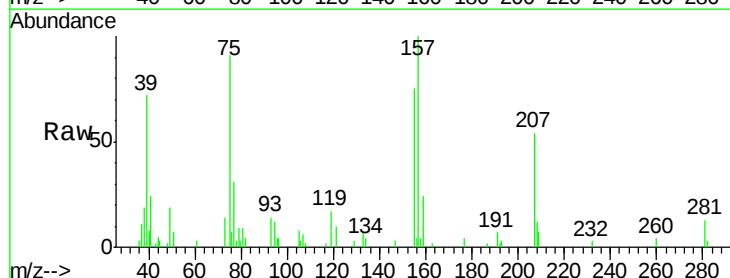
RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN060085.D

Acq: 13 Feb 2020 11:24

Tgt Ion:	75	Resp:	12289
Ion Ratio	Lower	Upper	
75	100		
155	82.0	43.0	129.0
157	102.8	54.9	164.5





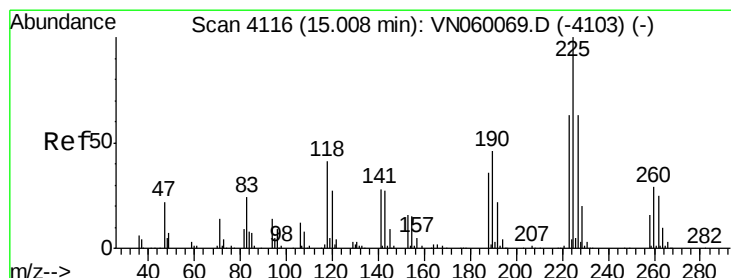
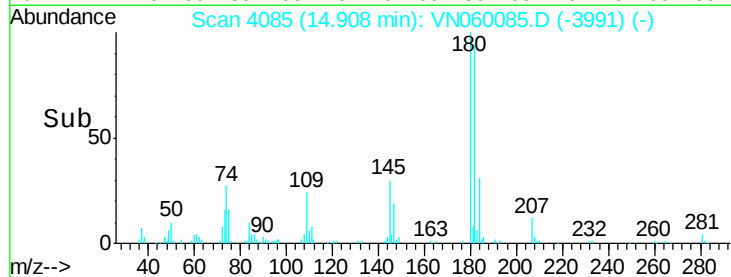
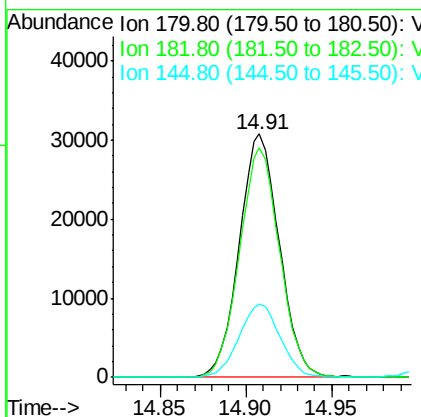
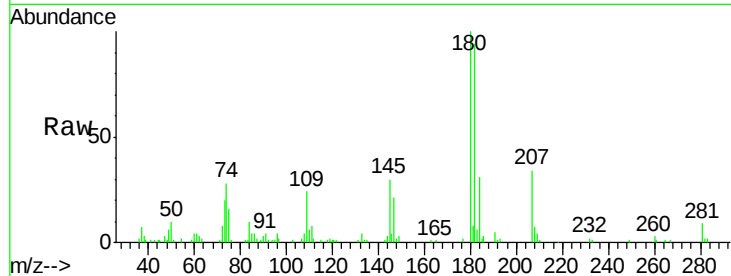
#93
 1,2,4-Trichlorobenzene
 Concen: 17.992 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060085.D
 Acq: 13 Feb 2020 11:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0213WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	49710		
182	94.8	47.9	143.8	
145	30.8	15.2	45.5	

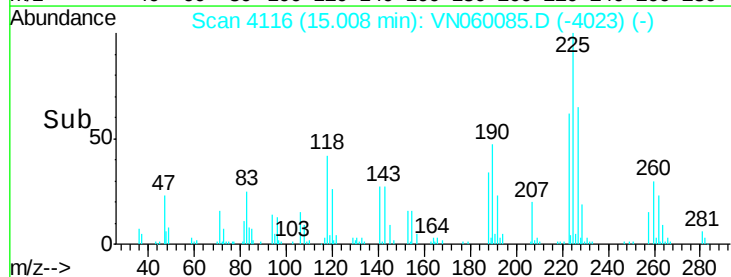
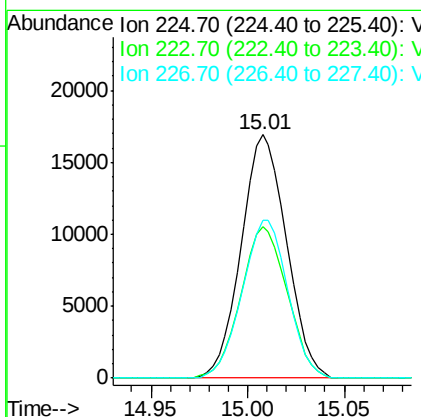
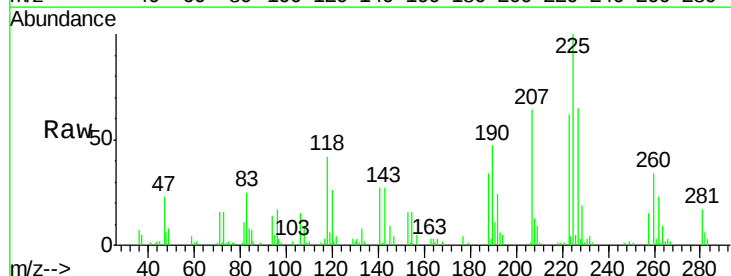
Manual Integrations
 APPROVED

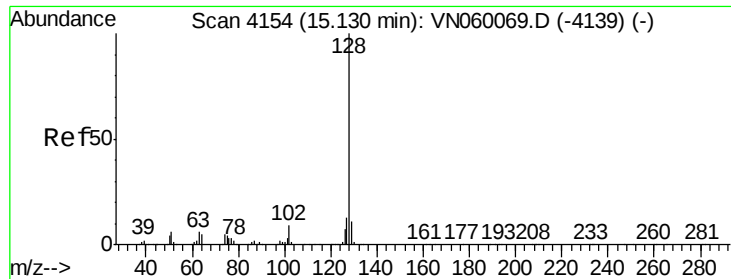
MMDadoda
 2/14/2020 10:27:45 AM



#94
 Hexachlorobutadiene
 Concen: 17.063 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060085.D
 Acq: 13 Feb 2020 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	27598		
223	63.6	31.5	94.5	
227	65.2	31.8	95.4	





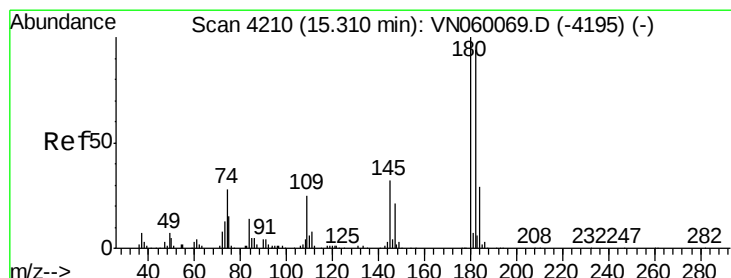
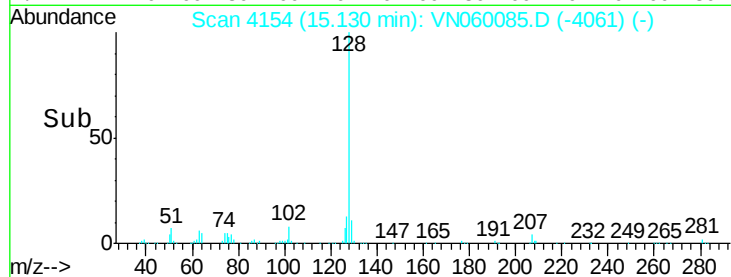
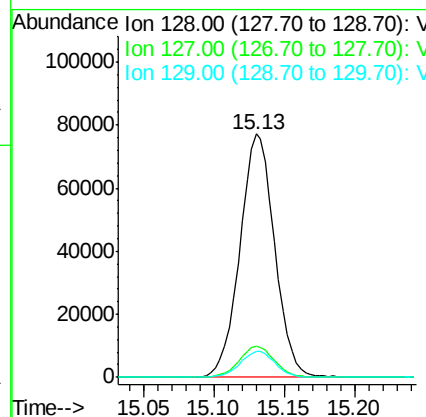
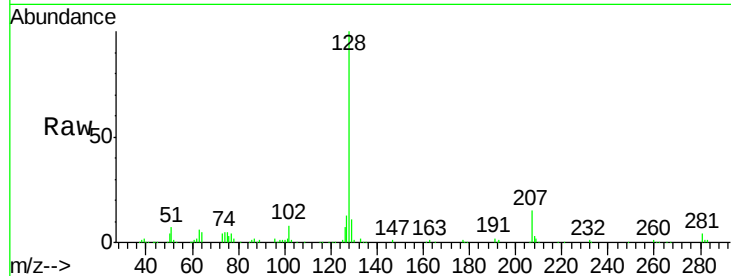
#95
Naphthalene
Concen: 17.846 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN060085.D
Acq: 13 Feb 2020 11:24

Instrument :
MSVOA_N
ClientSampleId :
VN0213WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	133184		
127	13.1	10.3	15.5	
129	10.8	8.6	13.0	

Manual Integrations
APPROVED

MMDadoda
2/14/2020 10:27:45 AM



#96
1,2,3-Trichlorobenzene
Concen: 17.690 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN060085.D
Acq: 13 Feb 2020 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	48672		
182	93.9	47.5	142.5	
145	33.3	16.1	48.3	

