

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022420\
 Data File : VN060199.D
 Acq On : 24 Feb 2020 10:57
 Operator : JC/MD
 Sample : VN0224WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/25/2020 9:43:18 AM

Quant Time: Feb 24 16:07:52 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	181812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	283428	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	263843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	127308	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	108613	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
35) Dibromofluoromethane	7.56	113	85300	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
50) Toluene-d8	10.08	98	336678	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
62) 4-Bromofluorobenzene	12.40	95	120781	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.83	85	33823	18.612	ug/l	99
3) Chloromethane	2.04	50	38672	17.882	ug/l	99
4) Vinyl Chloride	2.17	62	43607	17.690	ug/l	100
5) Bromomethane	2.55	94	28464	18.831	ug/l	96
6) Chloroethane	2.69	64	23245	18.643	ug/l	99
7) Trichlorofluoromethane	3.01	101	58074	18.272	ug/l	96
8) Diethyl Ether	3.39	74	20183	19.077	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	33243	18.839	ug/l	99
10) Methyl Iodide	3.93	142	41754	19.220	ug/l	98
11) Tert butyl alcohol	4.72	59	30885	93.290	ug/l	99
12) 1,1-Dichloroethene	3.72	96	31748	18.469	ug/l	97
13) Acrolein	3.58	56	28703	87.713	ug/l	98
14) Allyl chloride	4.30	41	46326	18.310	ug/l	97
15) Acrylonitrile	4.94	53	77568	95.940	ug/l	99
16) Acetone	3.78	43	77073	79.867	ug/l	100
17) Carbon Disulfide	4.03	76	88544	17.089	ug/l	100
18) Methyl Acetate	4.29	43	35810	19.754	ug/l	98
19) Methyl tert-butyl Ether	5.01	73	107842	18.655	ug/l	97
20) Methylene Chloride	4.52	84	36152	18.778	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	34695	18.516	ug/l	97
22) Diisopropyl ether	5.91	45	105937	19.105	ug/l	98
23) Vinyl Acetate	5.86	43	435072	93.435	ug/l	100
24) 1,1-Dichloroethane	5.82	63	63588	18.931	ug/l	99
25) 2-Butanone	6.80	43	106166	87.475	ug/l	96
26) 2,2-Dichloropropane	6.79	77	59996	18.805	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	40724	18.571	ug/l	99
28) Bromochloromethane	7.17	49	25833	19.562	ug/l #	96
29) Tetrahydrofuran	7.18	42	69647	93.541	ug/l	98
30) Chloroform	7.35	83	67078	19.064	ug/l	97
31) Cyclohexane	7.63	56	59170	18.910	ug/l	96
32) 1,1,1-Trichloroethane	7.54	97	59637	18.547	ug/l	99
36) 1,1-Dichloropropene	7.77	75	49073	18.693	ug/l	99
37) Ethyl Acetate	6.90	43	44721	18.849	ug/l	98
38) Carbon Tetrachloride	7.75	117	53225	18.668	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	59799	18.350	ug/l	96
40) Benzene	8.02	78	146669	18.834	ug/l	99
41) Methacrylonitrile	7.14	41	15634m	15.713	ug/l	
42) 1,2-Dichloroethane	8.10	62	52724	19.317	ug/l	98
43) Isopropyl Acetate	8.14	43	76761	18.926	ug/l	99
44) Trichloroethene	8.82	130	40283	18.682	ug/l	99
45) 1,2-Dichloropropane	9.10	63	37616	19.511	ug/l	99
46) Dibromomethane	9.19	93	25371	18.622	ug/l	98
47) Bromodichloromethane	9.39	83	52136	18.822	ug/l	97
48) Methyl methacrylate	9.18	41	32915	18.088	ug/l	99
49) 1,4-Dioxane	9.18	88	12115	389.661	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	220512	93.933	ug/l	99
52) Toluene	10.14	92	93813	18.786	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	59416	19.003	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	62131	18.871	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	36944	18.963	ug/l	98
56) Ethyl methacrylate	10.42	69	51033	18.517	ug/l	100
57) 1,3-Dichloropropane	10.70	76	61183	19.032	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	117270	91.337	ug/l	100
59) 2-Hexanone	10.74	43	157813	87.025	ug/l	100
60) Dibromochloromethane	10.89	129	41485	18.556	ug/l	97
61) 1,2-Dibromoethane	10.99	107	37955	18.585	ug/l	100
64) Tetrachloroethene	10.62	164	38320	19.105	ug/l	96
65) Chlorobenzene	11.43	112	100407	18.679	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	38481	18.924	ug/l	99
67) Ethyl Benzene	11.50	91	180683	18.637	ug/l	98
68) m/p-Xylenes	11.61	106	137499	37.788	ug/l	98
69) o-Xylene	11.94	106	65084	18.577	ug/l	98
70) Styrene	11.96	104	101631	17.989	ug/l	100
71) Bromoform	12.12	173	30569	18.690	ug/l #	97
73) Isopropylbenzene	12.25	105	178098	18.734	ug/l	100
74) N-amyl acetate	12.07	43	61172	17.844	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	51263	18.734	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	47147m	19.357	ug/l	
77) Bromobenzene	12.52	156	44718	18.954	ug/l	99
78) n-propylbenzene	12.59	91	200280	18.491	ug/l	99
79) 2-Chlorotoluene	12.67	91	116320	18.271	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	149305	18.889	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	18178	18.274	ug/l	99
82) 4-Chlorotoluene	12.77	91	119610	18.313	ug/l	100
83) tert-Butylbenzene	12.99	119	129038	18.454	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	148788	19.069	ug/l	100
85) sec-Butylbenzene	13.17	105	173010	18.683	ug/l	99
86) p-Isopropyltoluene	13.29	119	155552	18.540	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	77260	18.500	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	77240	18.499	ug/l	98
89) n-Butylbenzene	13.61	91	134381	18.210	ug/l	99
90) Hexachloroethane	13.87	117	28565	18.224	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	76718	18.771	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	10247	17.104	ug/l	94

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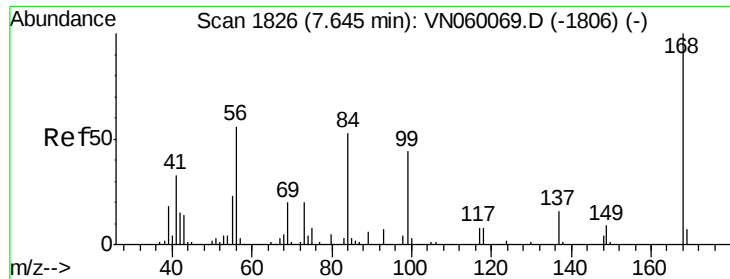
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	42934	17.879	ug/l	98
94) Hexachlorobutadiene	15.01	225	25653	18.247	ug/l	98
95) Naphthalene	15.13	128	107876	16.630	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	43086	18.017	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBS01

Tot Ion:168 Resp: 181812

Ion Ratio Lower Upper

168 100

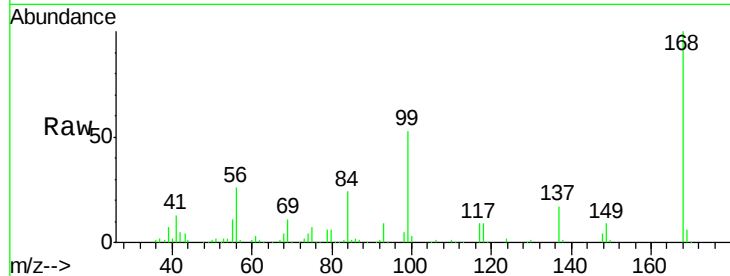
99 53.3 42.7 64.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

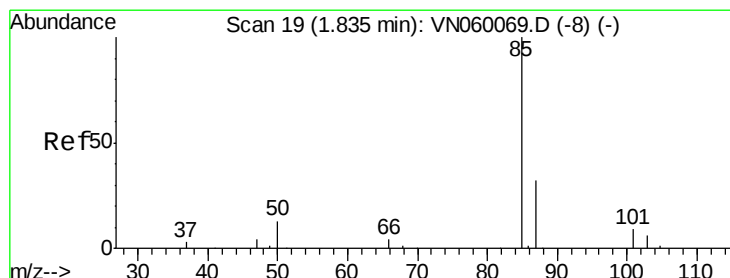
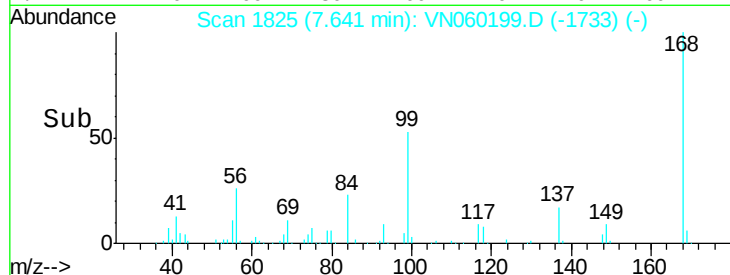
40000

20000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 18.612 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN060199.D

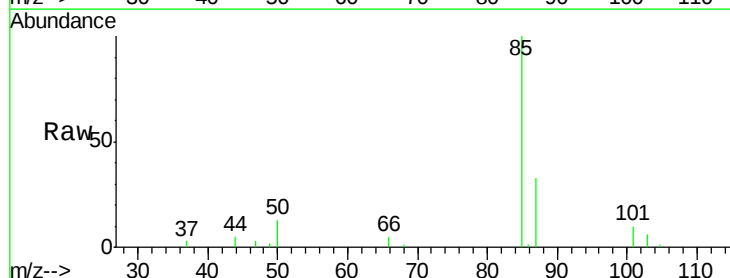
Acq: 24 Feb 2020 10:57

Tgt Ion: 85 Resp: 33823

Ion Ratio Lower Upper

85 100

87 32.8 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

25000

20000

15000

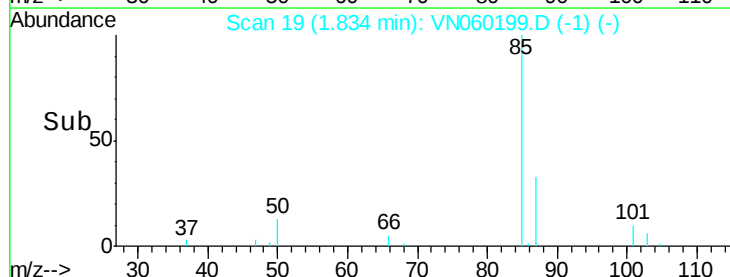
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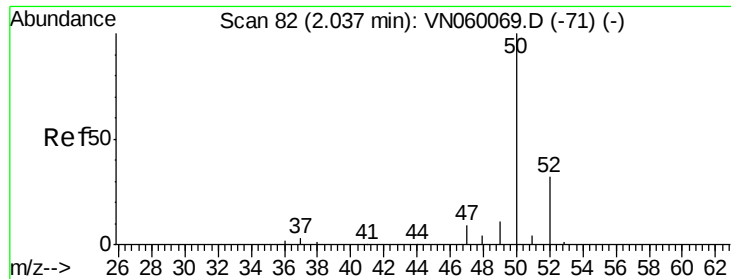
5000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 17.882 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBS01

Tot Ion: 50 Resp: 38672

Ion Ratio Lower Upper

50 100

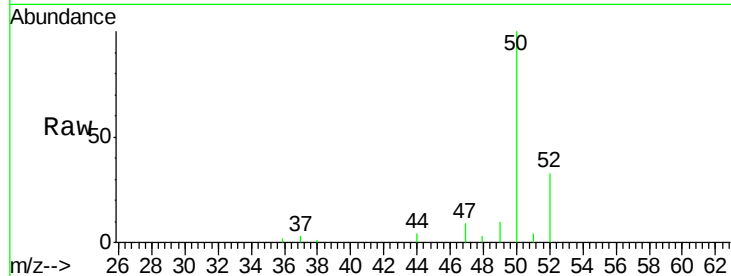
52 32.7 25.6 38.4

Manual Integrations

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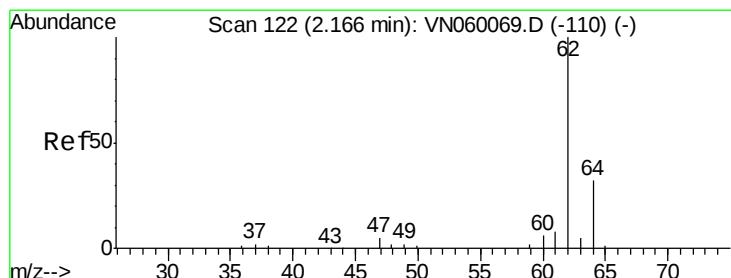
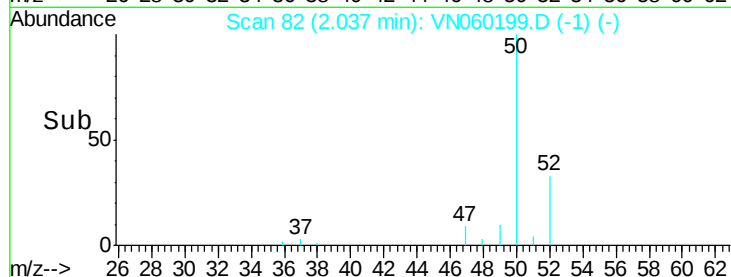
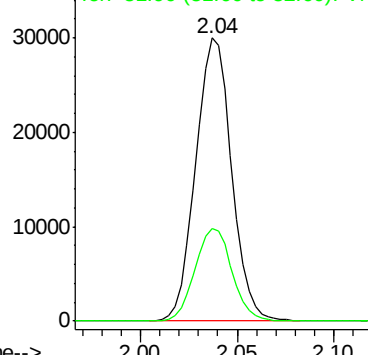
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 17.690 ug/l

RT: 2.17 min Scan# 122

Delta R.T. -0.00 min

Lab File: VN060199.D

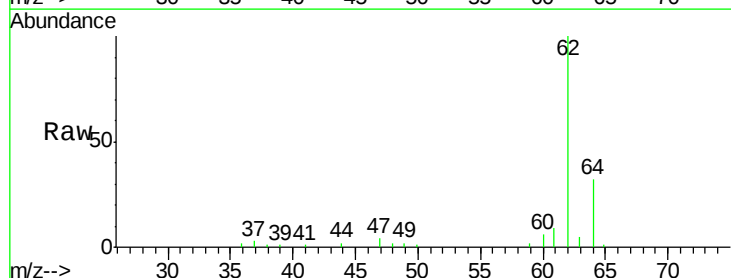
Acq: 24 Feb 2020 10:57

Tgt Ion: 62 Resp: 43607

Ion Ratio Lower Upper

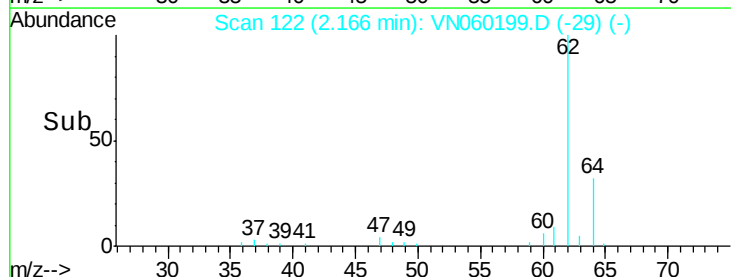
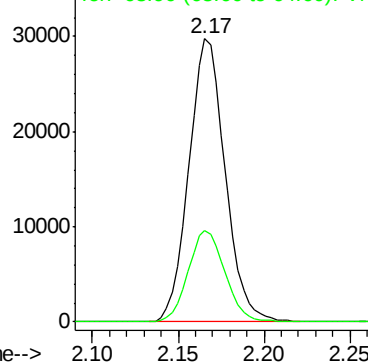
62 100

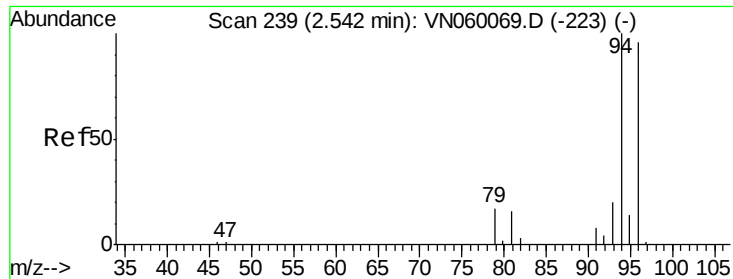
64 32.3 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





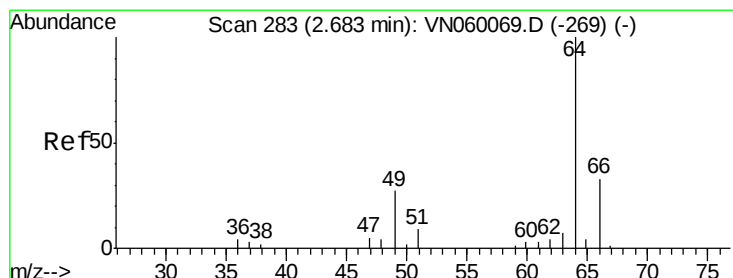
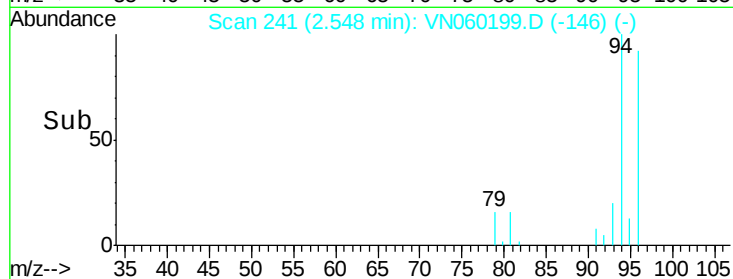
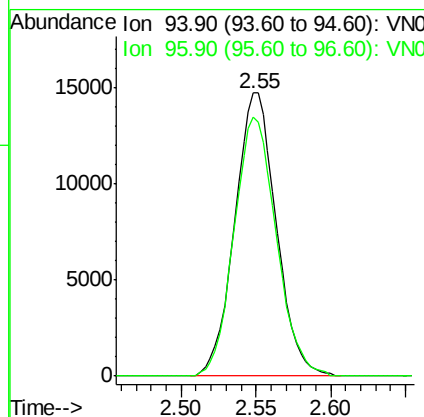
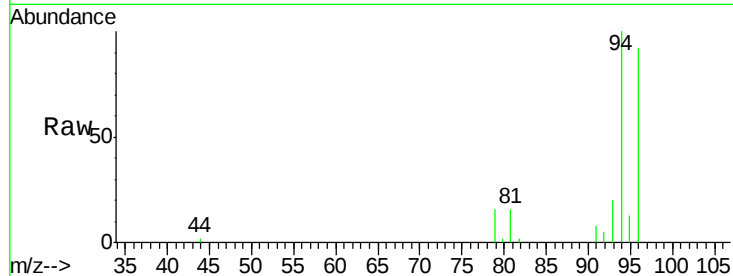
#5
Bromomethane
Concen: 18.831 ug/l
RT: 2.55 min Scan# 241
Delta R.T. 0.01 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Instrument :
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Tot Ion: 94 Resp: 28464
Ion Ratio Lower Upper
94 100
96 91.7 76.7 115.1

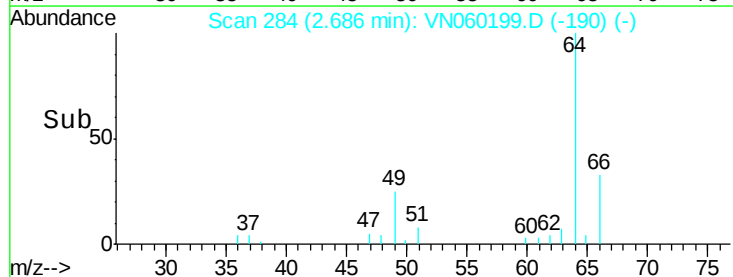
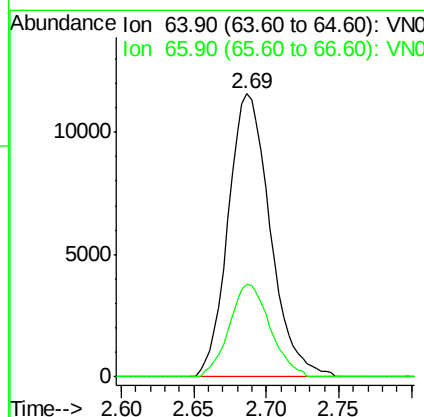
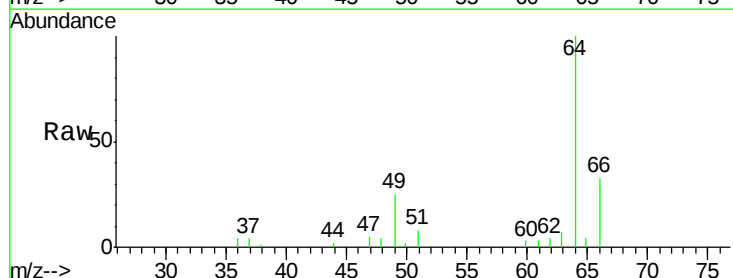
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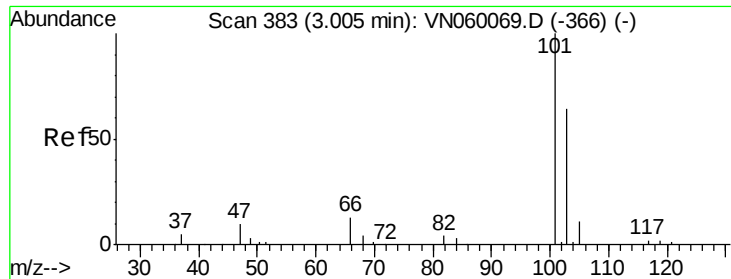
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#6
Chloroethane
Concen: 18.643 ug/l
RT: 2.69 min Scan# 284
Delta R.T. 0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Tgt Ion: 64 Resp: 23245
Ion Ratio Lower Upper
64 100
66 32.5 26.6 40.0





#7

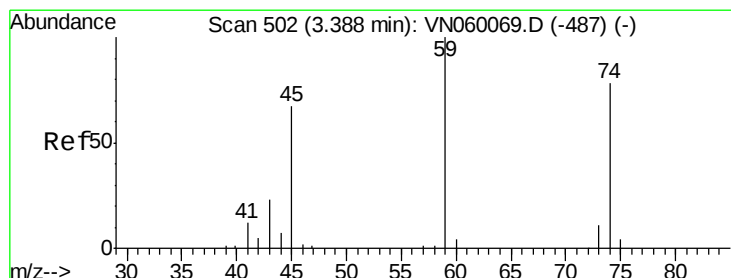
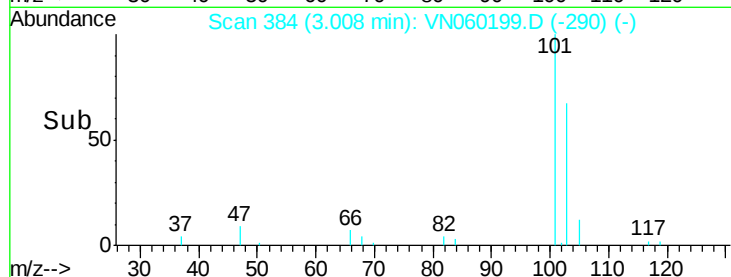
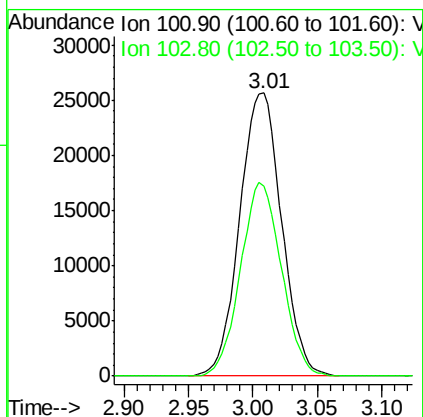
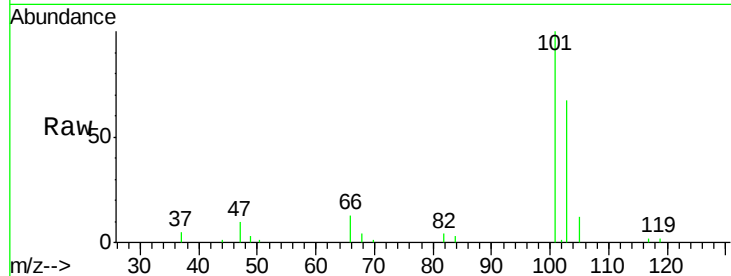
Trichlorofluoromethane
Concen: 18.272 ug/l
RT: 3.01 min Scan# 384
Delta R.T. 0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

Tot Ion:101 Resp: 58074
Ion Ratio Lower Upper
101 100
103 67.0 51.0 76.6

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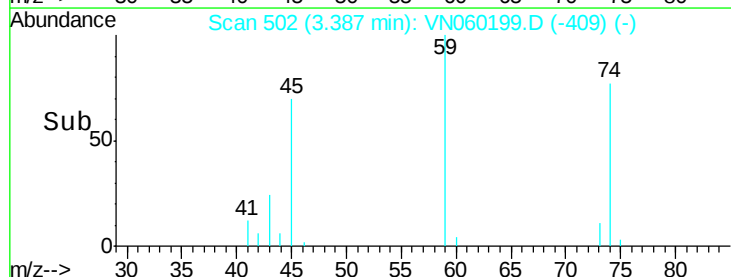
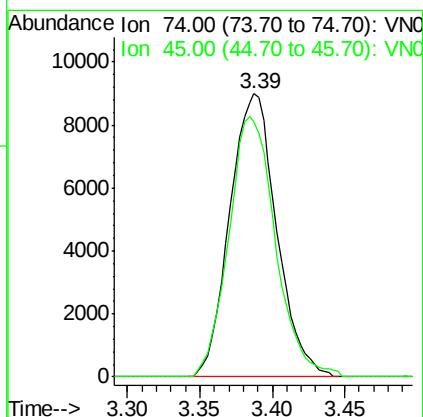
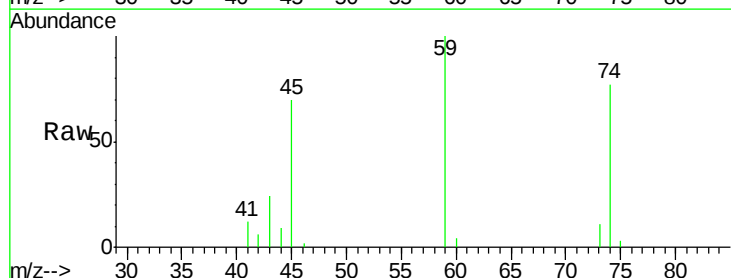
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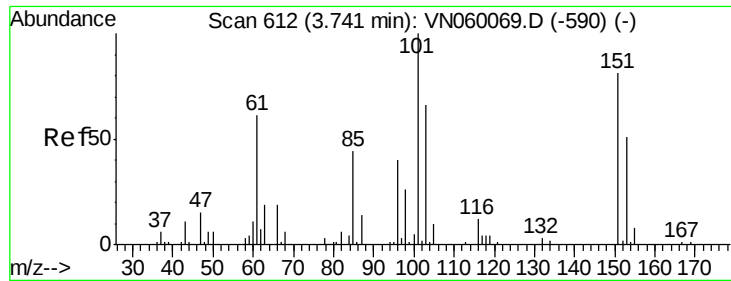


#8

Diethyl Ether
Concen: 19.077 ug/l
RT: 3.39 min Scan# 502
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Tgt Ion: 74 Resp: 20183
Ion Ratio Lower Upper
74 100
45 91.9 44.7 134.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.839 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Instrument :

MSVOA_N

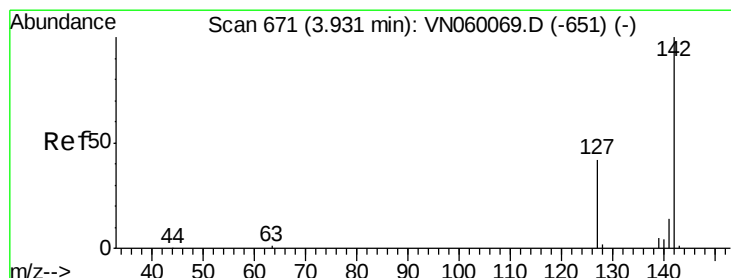
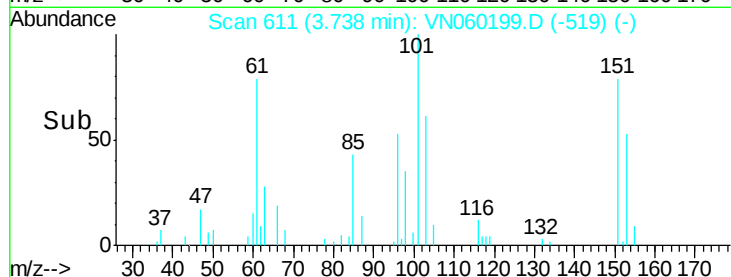
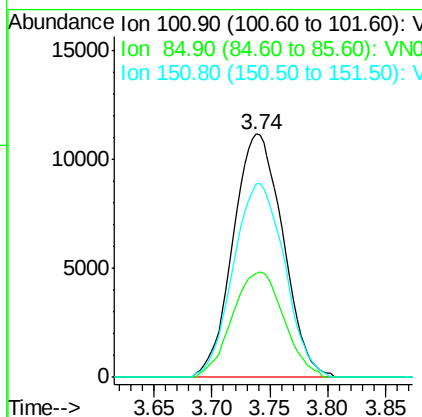
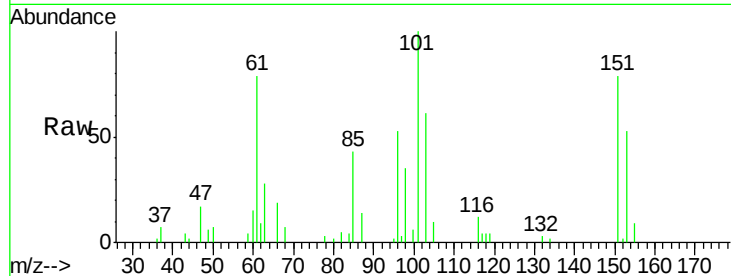
ClientSampleId :

VN0224WBS01

Tot Ion:	101	Resp:	33243
Ion Ratio	Lower	Upper	
101	100		
85	44.9	35.1	52.7
151	82.1	65.8	98.6

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#10

Methyl Iodide

Concen: 19.220 ug/l

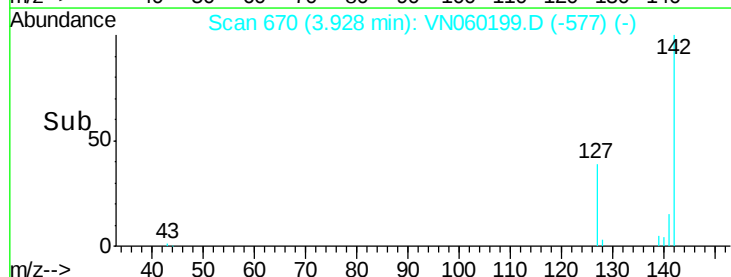
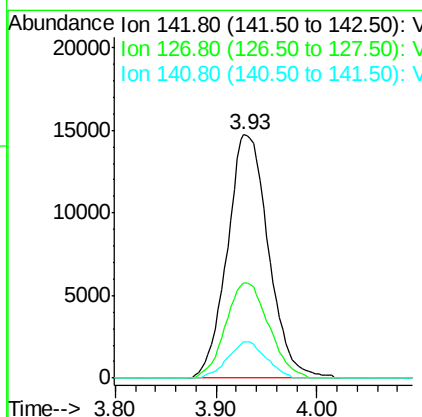
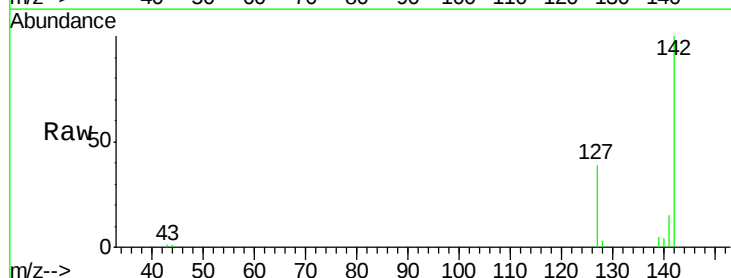
RT: 3.93 min Scan# 670

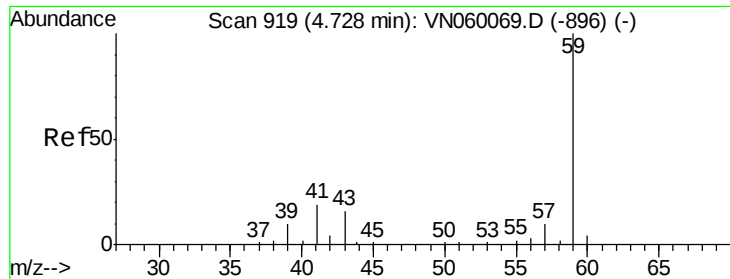
Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Tgt Ion:	142	Resp:	41754
Ion Ratio	Lower	Upper	
142	100		
127	40.9	33.6	50.4
141	13.8	11.4	17.2





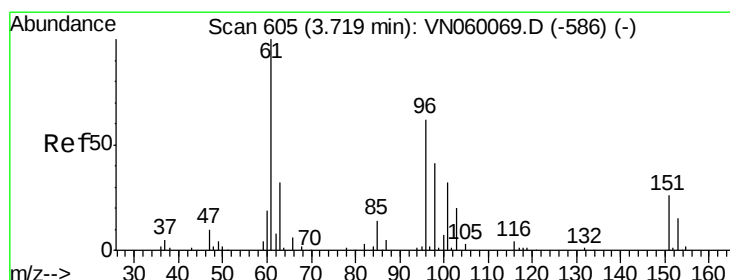
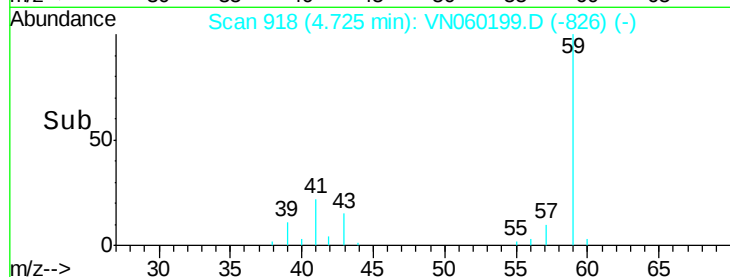
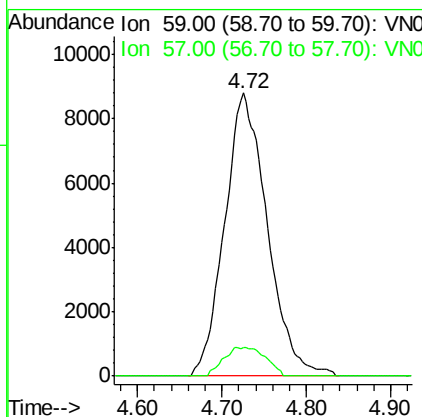
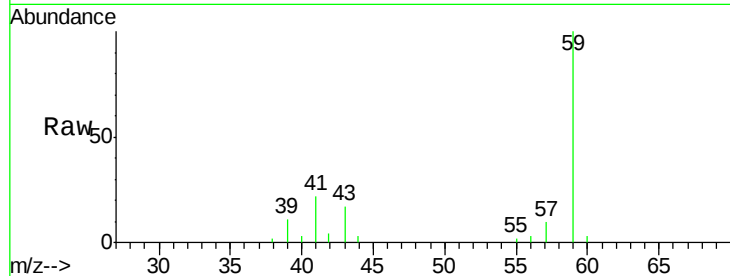
#11
Tert butyl alcohol
Concen: 93.290 ug/l
RT: 4.72 min Scan# 918
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

Tot Ion: 59 Resp: 30885
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4

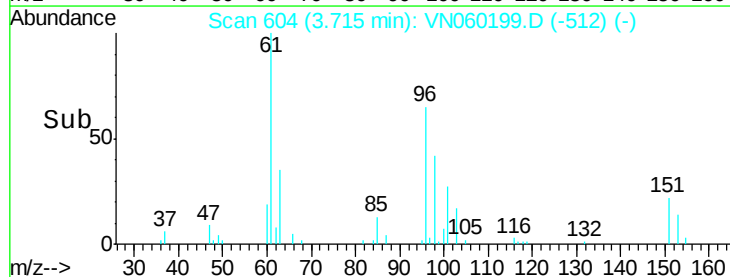
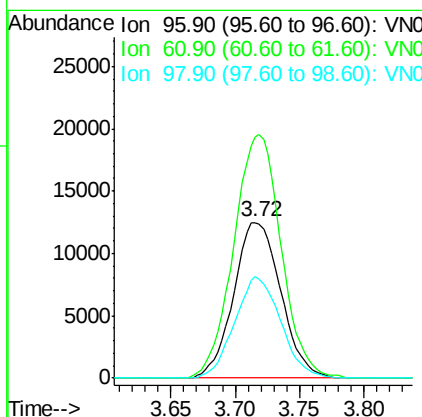
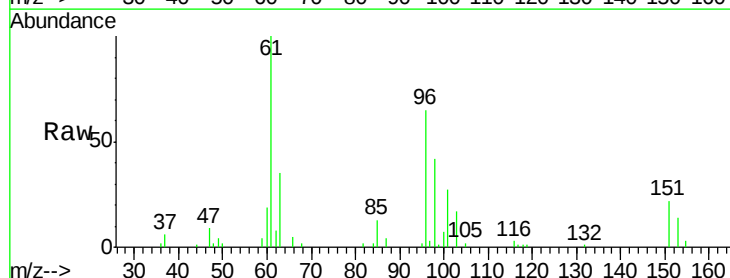
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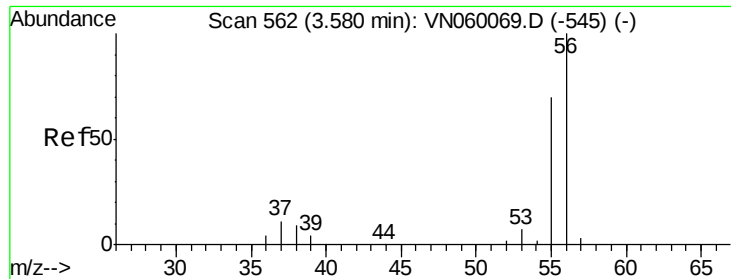
MMDadoda
2/25/2020 9:43:18 AM



#12
1,1-Dichloroethene
Concen: 18.469 ug/l
RT: 3.72 min Scan# 604
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Tgt Ion: 96 Resp: 31748
Ion Ratio Lower Upper
96 100
61 154.8 128.3 192.5
98 65.2 52.2 78.4





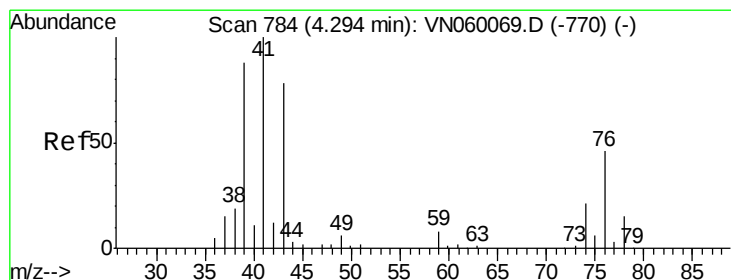
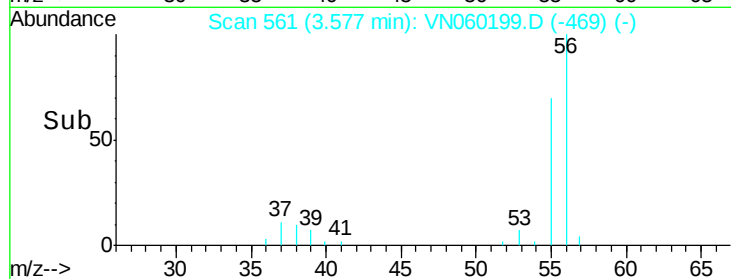
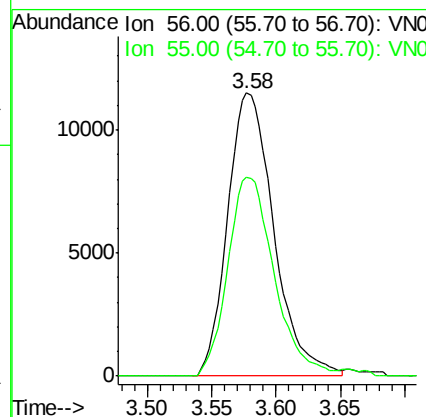
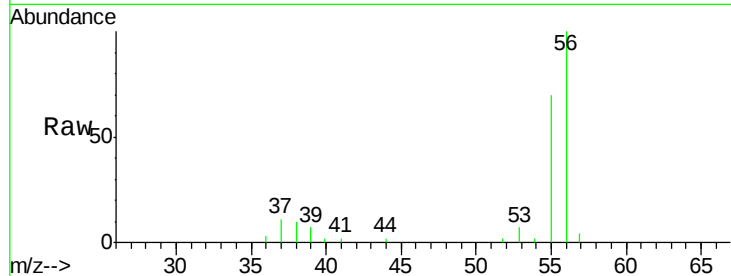
#13
Acrolein
Concen: 87.713 ug/l
RT: 3.58 min Scan# 561
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Instrument :
MSVOA_N
ClientSampled :
VN0224WBS01

Tot Ion: 56 Resp: 28703
Ion Ratio Lower Upper
56 100
55 70.4 54.8 82.2

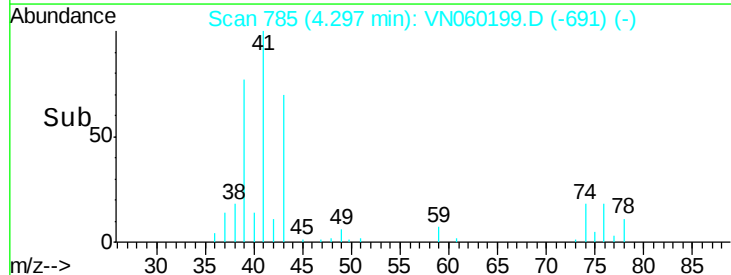
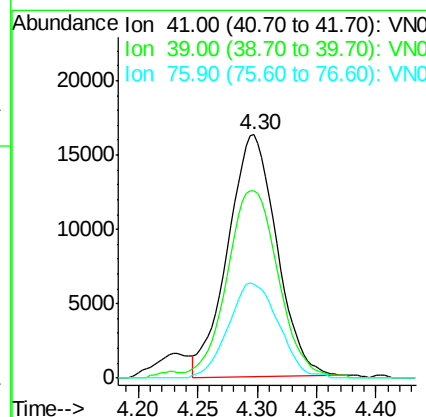
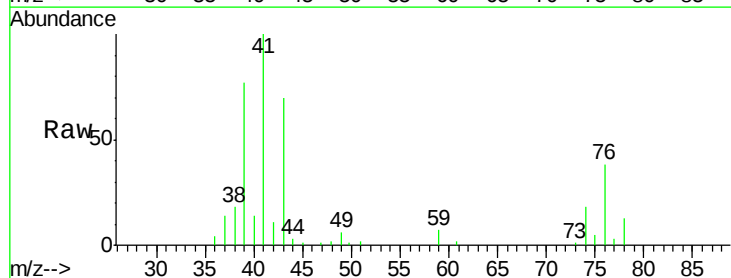
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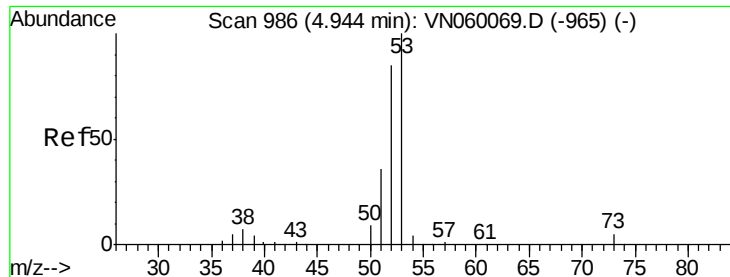
MMDadoda
2/25/2020 9:43:18 AM



#14
Allyl chloride
Concen: 18.310 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Tgt Ion: 41 Resp: 46326
Ion Ratio Lower Upper
41 100
39 81.7 67.8 101.8
76 40.5 33.9 50.9





#15

Acrylonitrile

Concen: 95.940 ug/l

RT: 4.94 min Scan# 986

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Instrument :

MSVOA_N

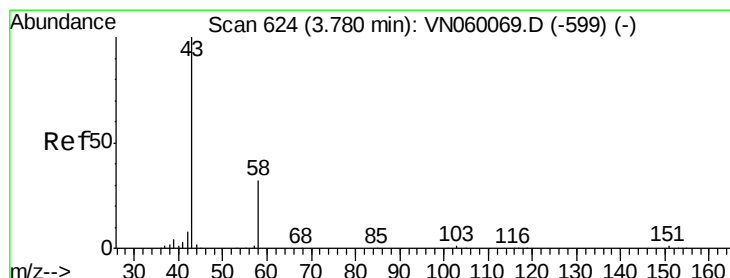
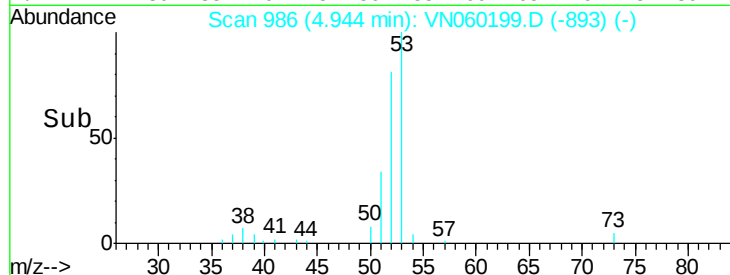
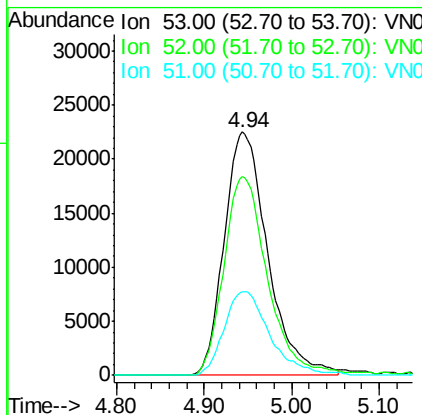
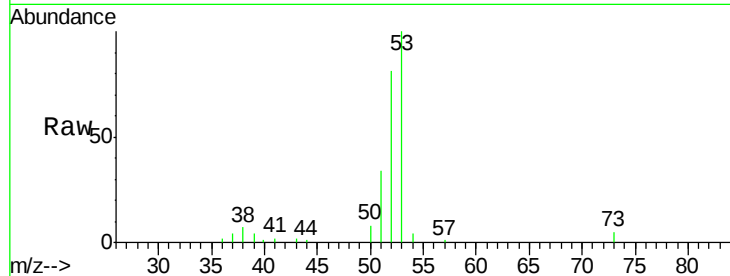
ClientSampleId :

VN0224WBS01

Tot Ion:	53	Resp:	77568
Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.8	100.2
51	36.4	29.4	44.0

Manual Integrations
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2/25/2020 9:43:18 AM



#16

Acetone

Concen: 79.867 ug/l

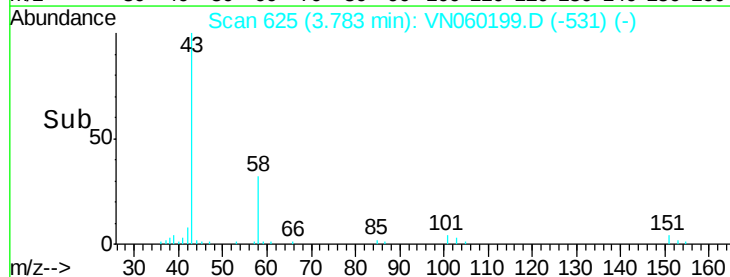
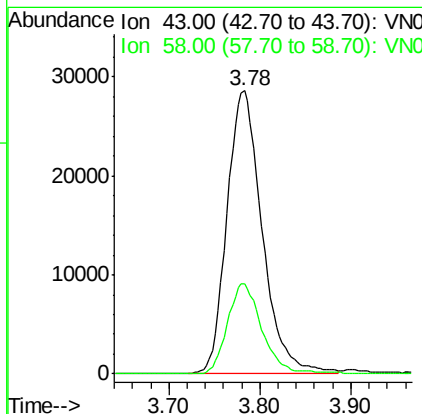
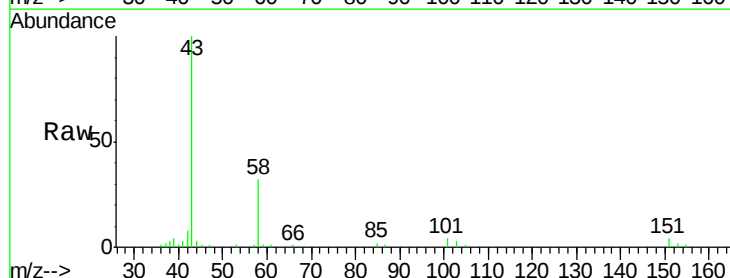
RT: 3.78 min Scan# 625

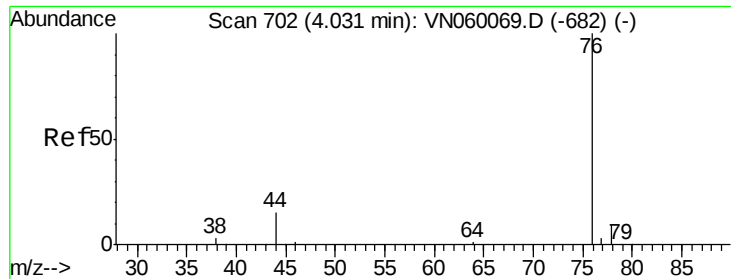
Delta R.T. 0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Tgt Ion:	43	Resp:	77073
Ion	Ratio	Lower	Upper
43	100		
58	31.7	25.2	37.8





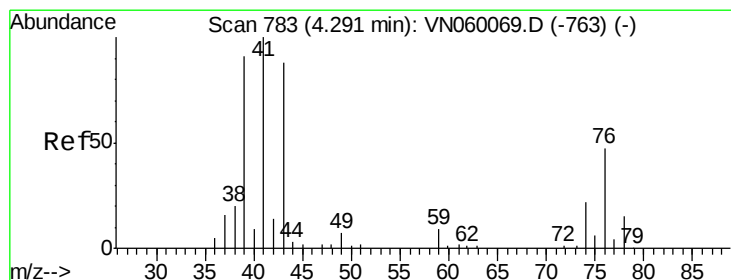
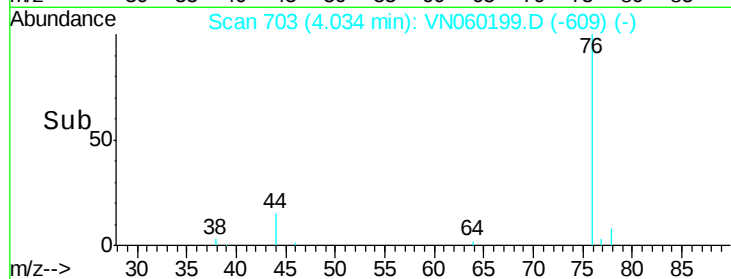
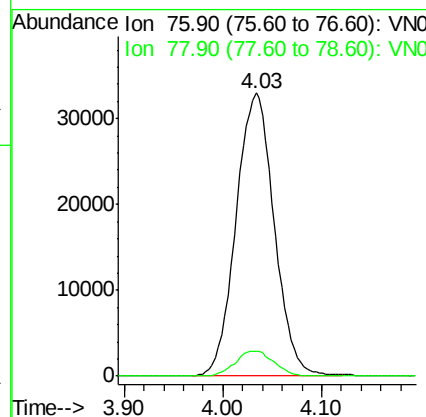
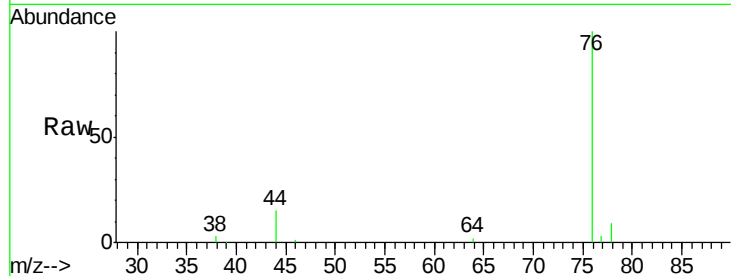
#17
Carbon Disulfide
Concen: 17.089 ug/l
RT: 4.03 min Scan# 703
Delta R.T. 0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

Tot Ion	76	Resp	88544
Ion Ratio	Lower	Upper	
76	100		
78	8.9	7.0	10.6

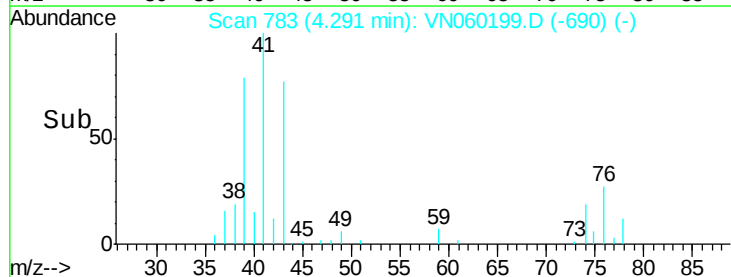
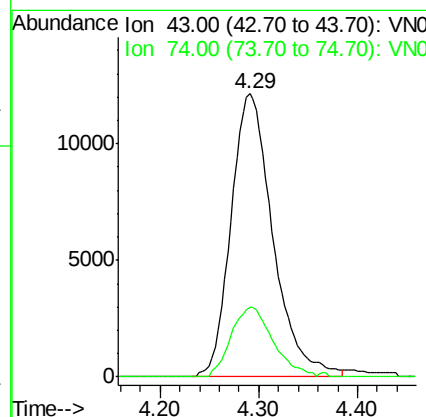
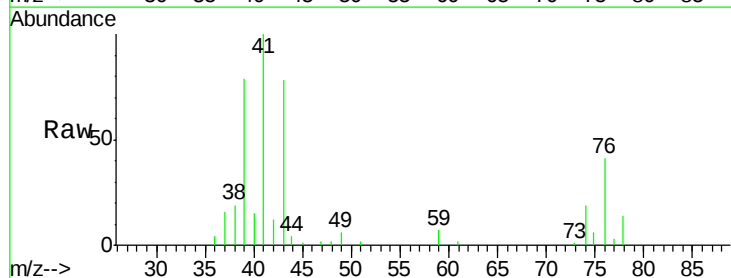
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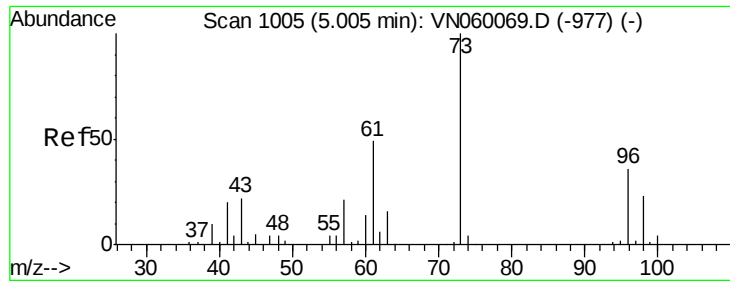
MMDadoda
2/25/2020 9:43:18 AM



#18
Methyl Acetate
Concen: 19.754 ug/l
RT: 4.29 min Scan# 783
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Tgt Ion	43	Resp	35810
Ion Ratio	Lower	Upper	
43	100		
74	24.6	20.3	30.5





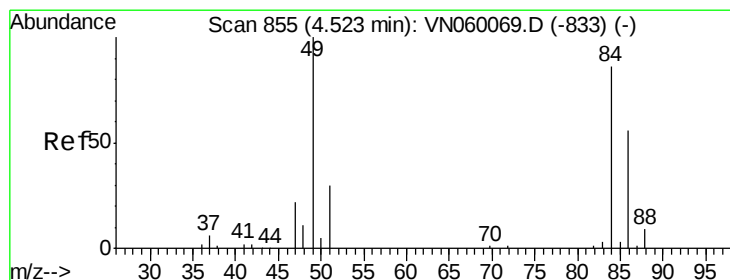
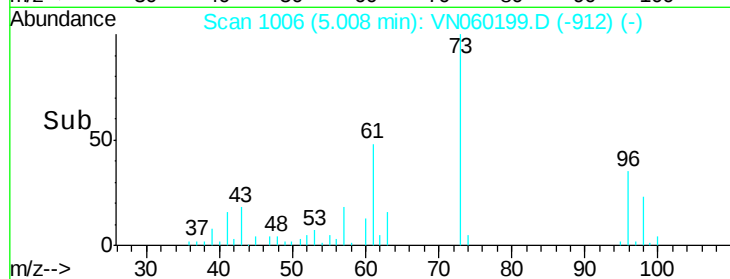
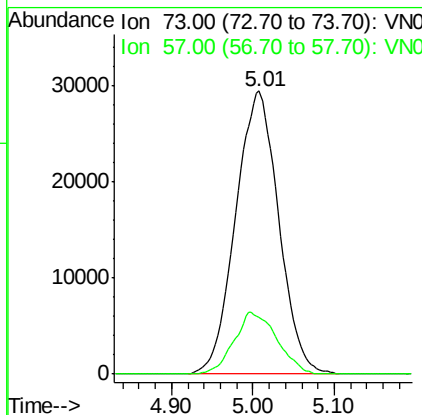
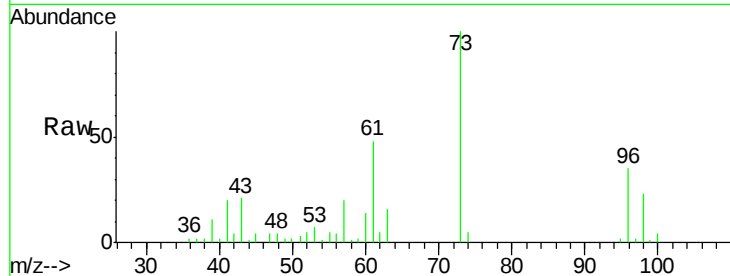
#19
Methvl tert-butvl Ether
Concen: 18.655 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. 0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

Tot Ion: 73 Resp: 107842
Ion Ratio Lower Upper
73 100
57 20.0 17.2 25.8

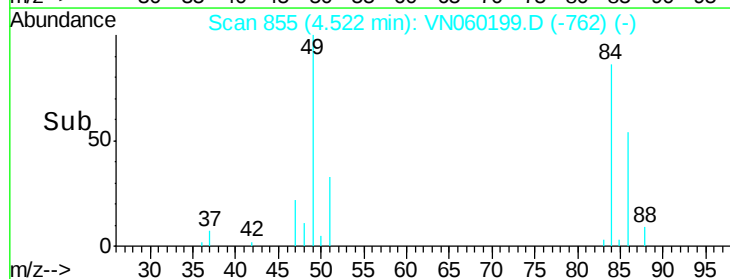
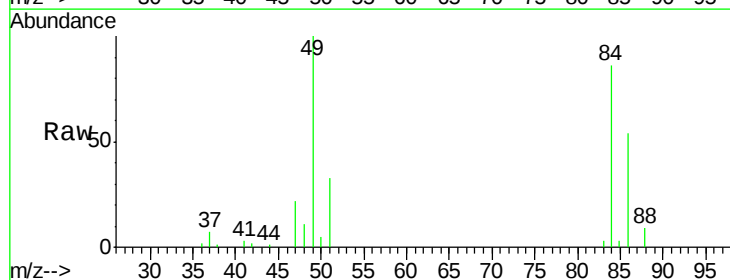
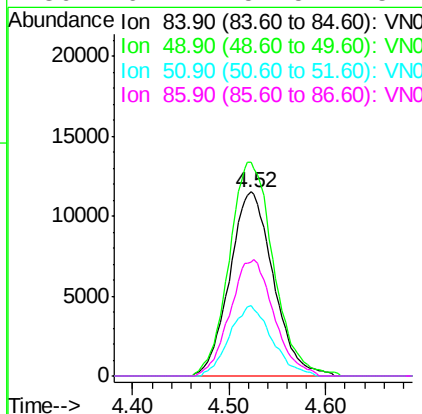
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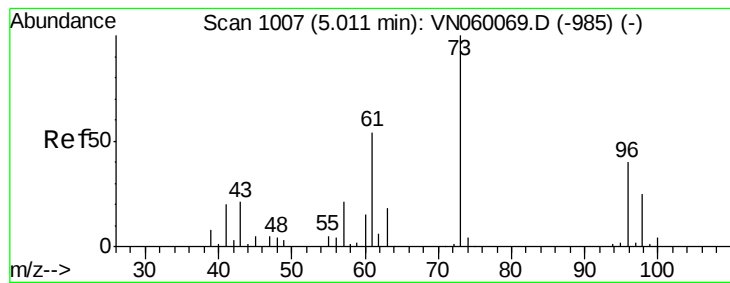
MMDadoda
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#20
Methylene Chloride
Concen: 18.778 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Tgt Ion: 84 Resp: 36152
Ion Ratio Lower Upper
84 100
49 115.9 93.4 140.0
51 37.9 28.4 42.6
86 62.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.516 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBS01

Tot Ion: 96 Resp: 34695

Ion Ratio Lower Upper

96 100

61 140.0 109.3 163.9

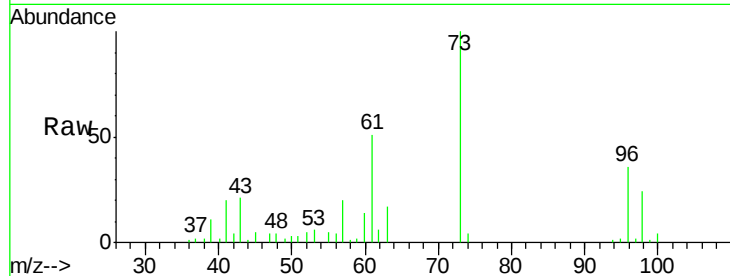
98 67.2 51.0 76.6

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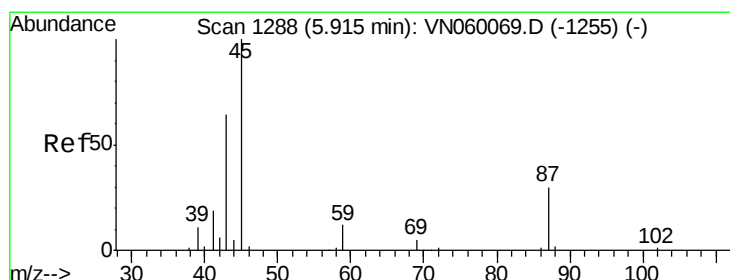
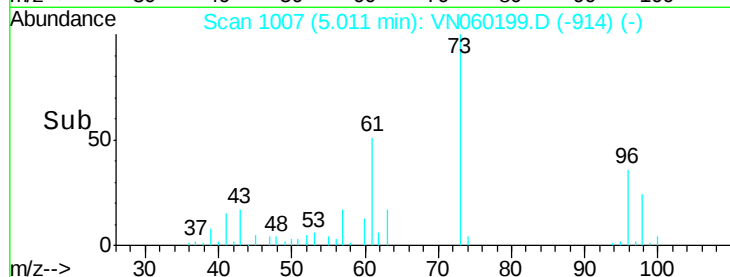
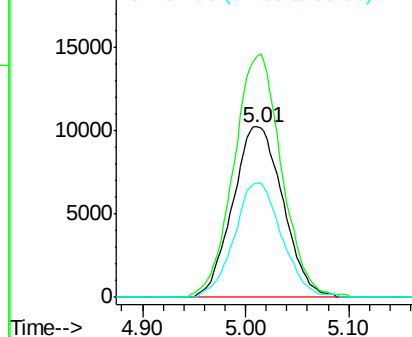


Abundance

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: 19.105 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Tgt Ion: 45 Resp: 105937

Ion Ratio Lower Upper

45 100

43 71.8 55.9 83.9

87 30.3 24.5 36.7

59 12.8 9.9 14.9

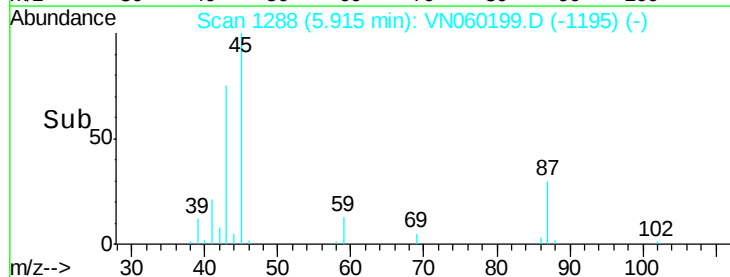
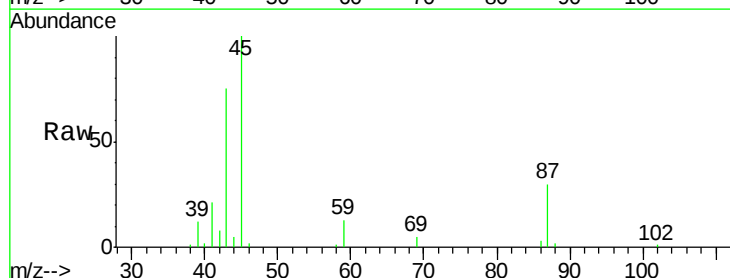
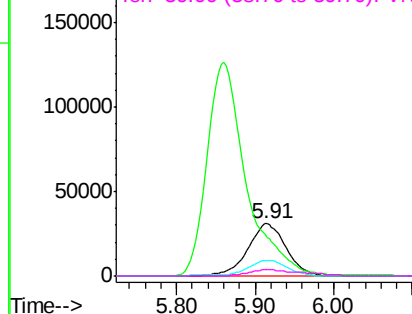
Abundance

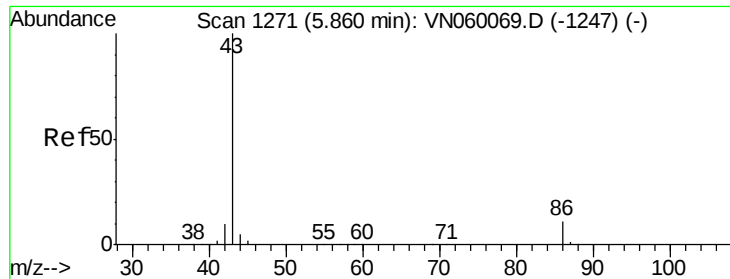
Ion 45.00 (44.70 to 45.70): VN0

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





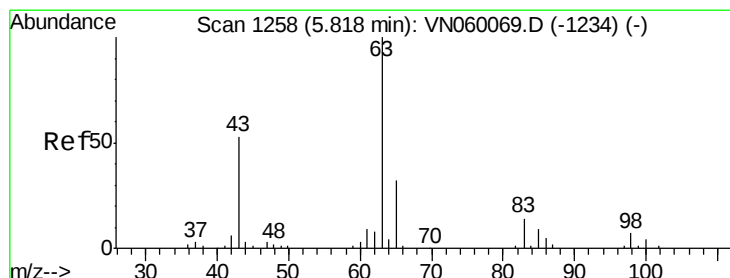
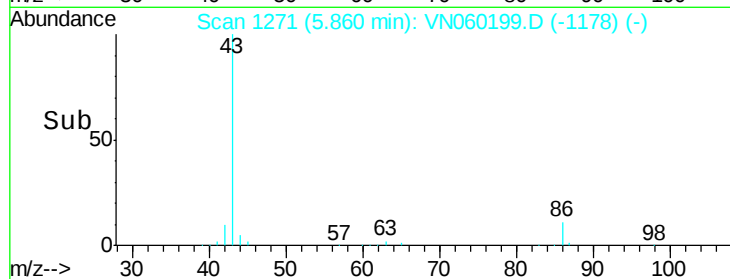
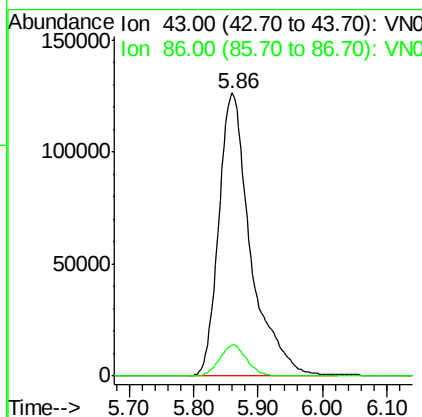
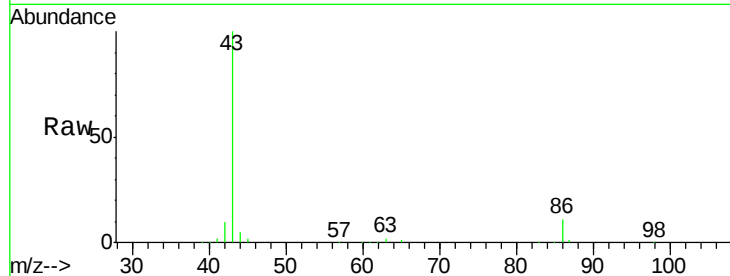
#23
 Vinyl Acetate
 Concen: 93.435 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0224WBS01

Tot Ion	43	Resp	435072
Ion Ratio	100	Lower	Upper
43	100	8.9	13.3
86	10.9		

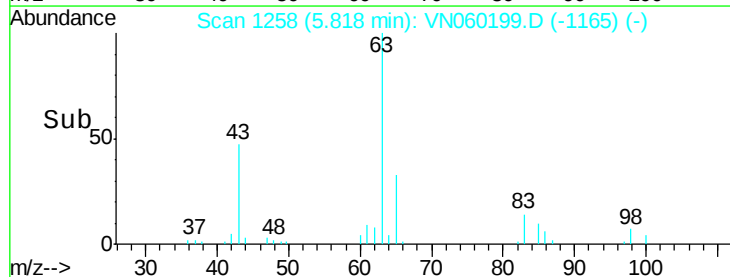
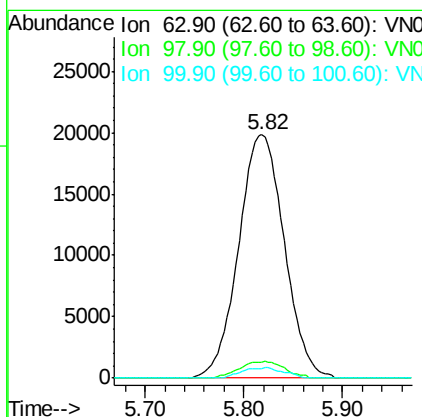
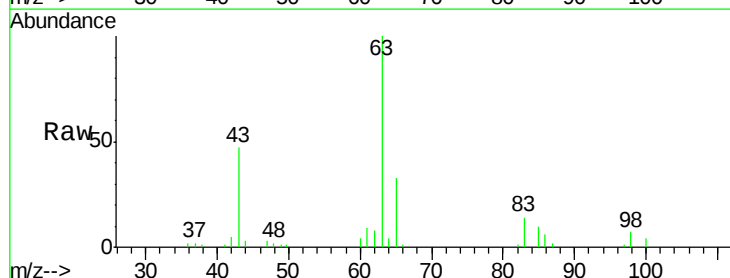
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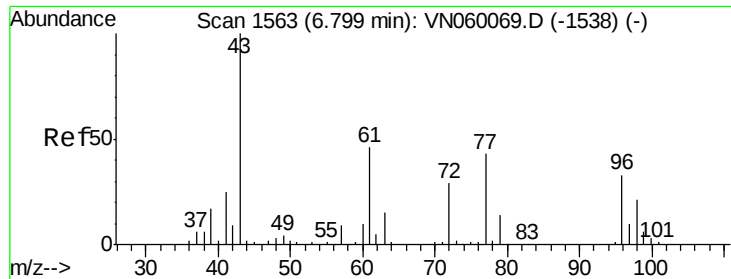
MMDadoda
 2/25/2020 9:43:18 AM



#24
 1,1-Dichloroethane
 Concen: 18.931 ug/l
 RT: 5.82 min Scan# 1258
 Delta R.T. -0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

Tgt Ion	63	Resp	63588
Ion Ratio	100	Lower	Upper
63	100	3.5	10.5
98	6.7		
100	4.0		





#25

2-Butanone

Concen: 87.475 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBS01

Tot Ion: 43 Resp: 106166

Ion Ratio Lower Upper

43 100

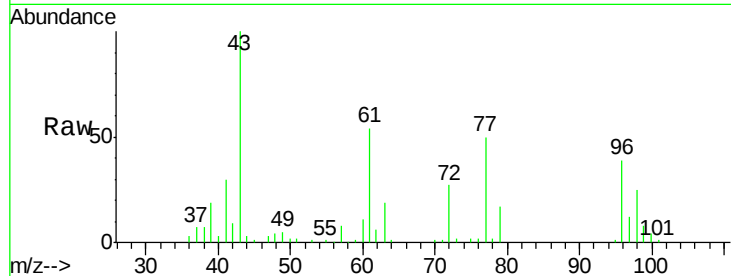
72 27.1 23.3 34.9

Manual Integrations

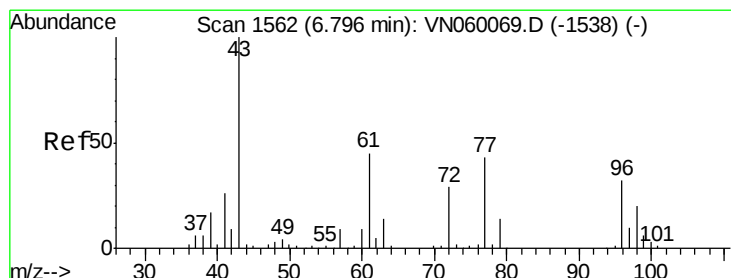
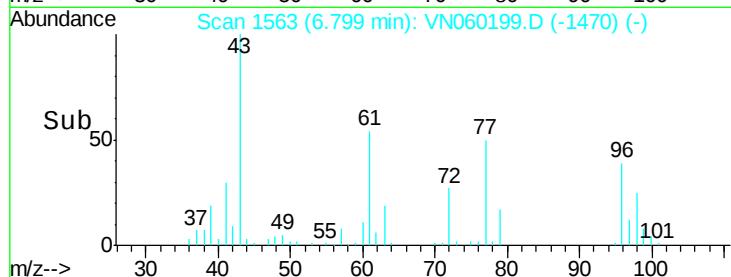
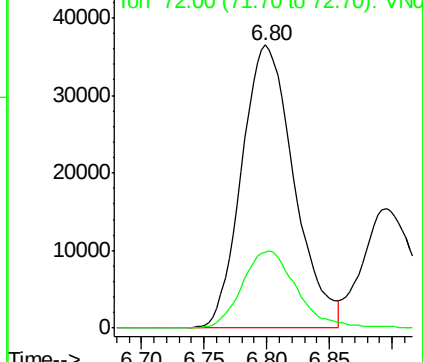
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Abundance Ion 43.00 (42.70 to 43.70): VN060199.D (-1470) (-)



#26

2,2-Dichloropropane

Concen: 18.805 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060199.D

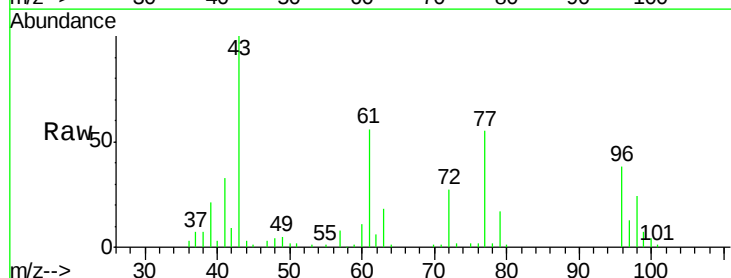
Acq: 24 Feb 2020 10:57

Tgt Ion: 77 Resp: 59996

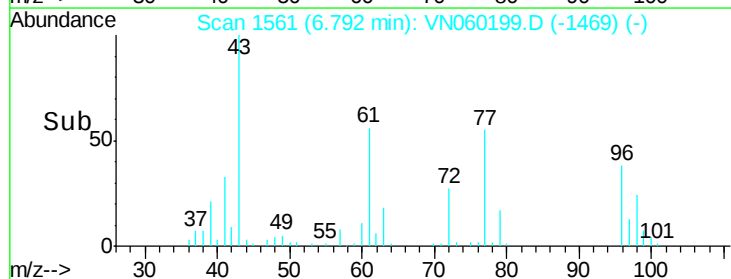
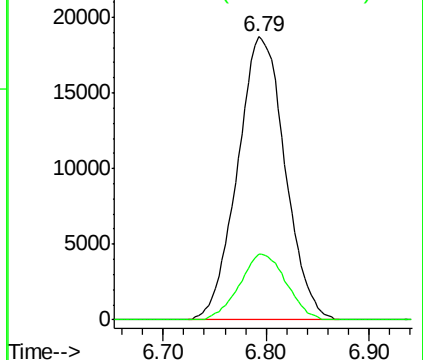
Ion Ratio Lower Upper

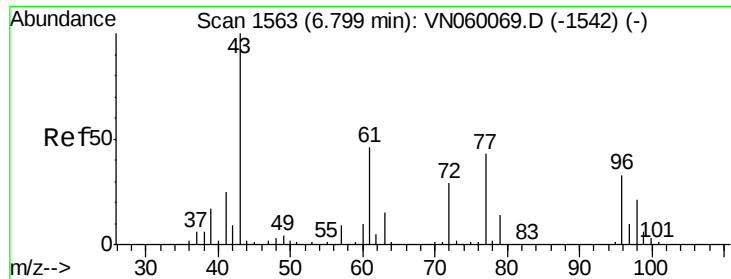
77 100

97 22.7 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VN060199.D (-1469) (-)





#27

cis-1,2-Dichloroethene

Concen: 18.571 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Instrument :

MSVOA_N

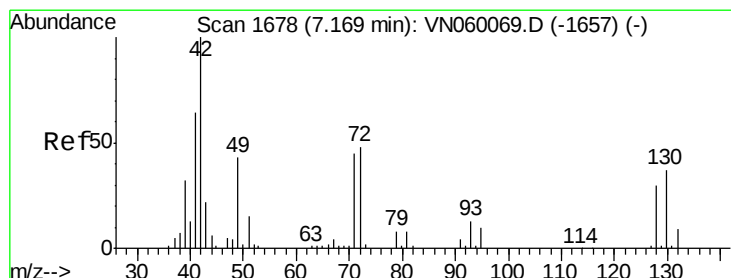
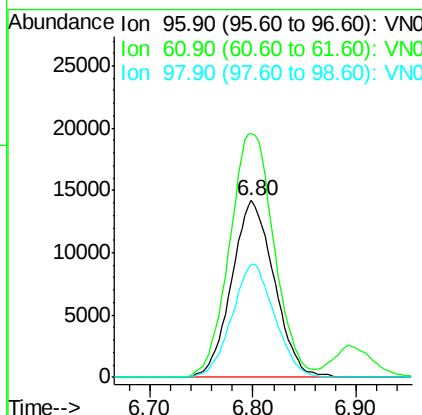
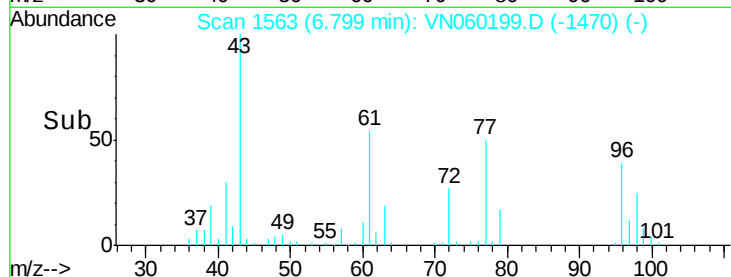
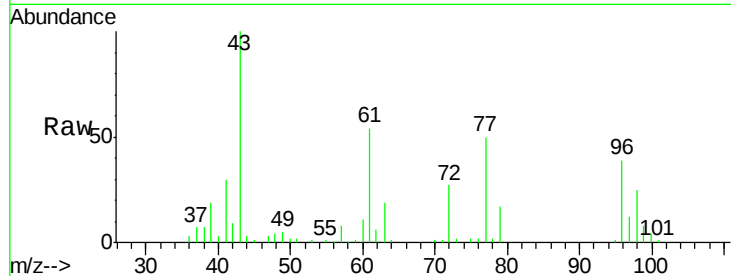
ClientSampleId :

VN0224WBS01

Tot Ion:	96	Resp:	40724
Ion	Ratio	Lower	Upper
96	100		
61	144.4	0.0	285.8
98	64.1	0.0	129.6

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#28

Bromochloromethane

Concen: 19.562 ug/l

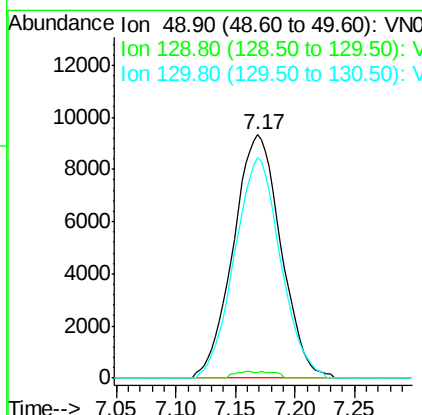
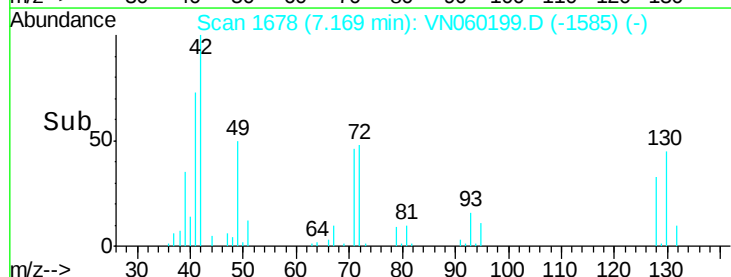
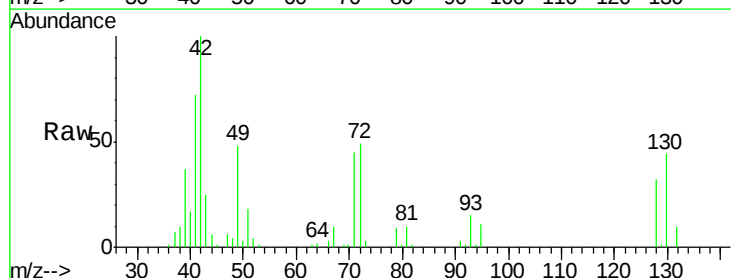
RT: 7.17 min Scan# 1678

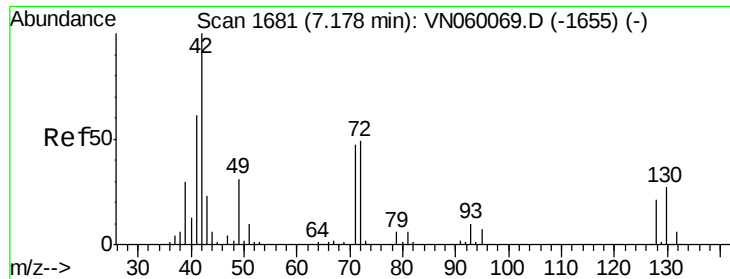
Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Tgt Ion:	49	Resp:	25833
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	2.2#
130	87.5	66.8	100.2





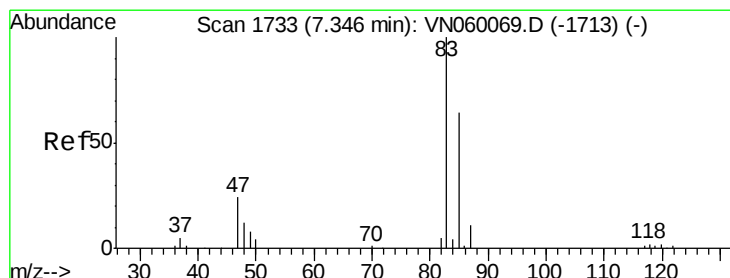
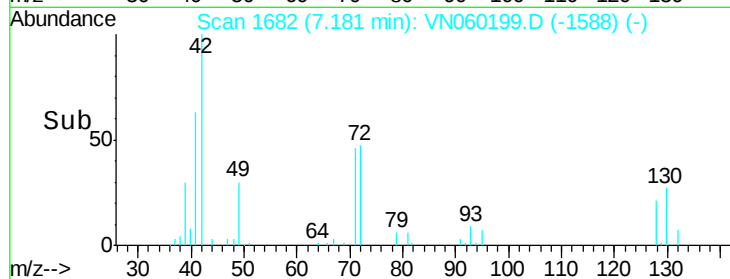
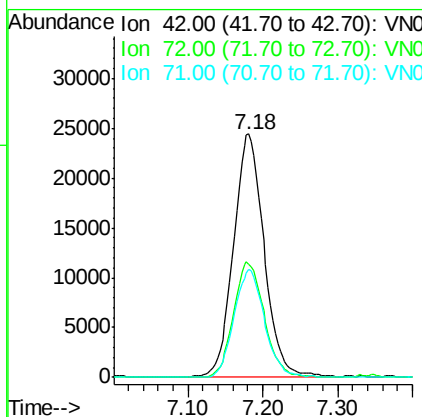
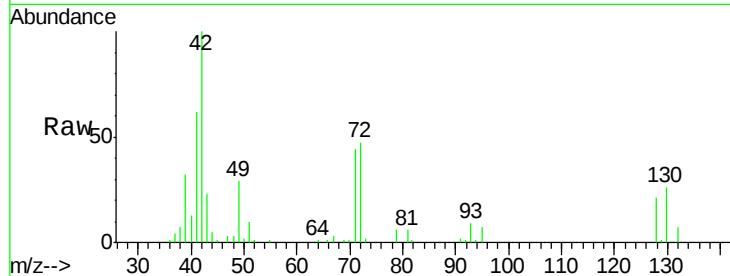
#29
Tetrahydrofuran
Concen: 93.541 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.3	38.2	57.4
71	43.8	36.6	54.8

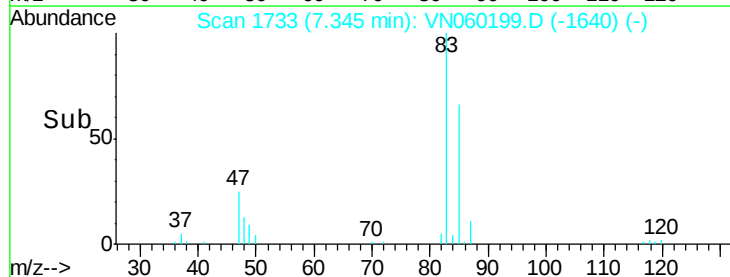
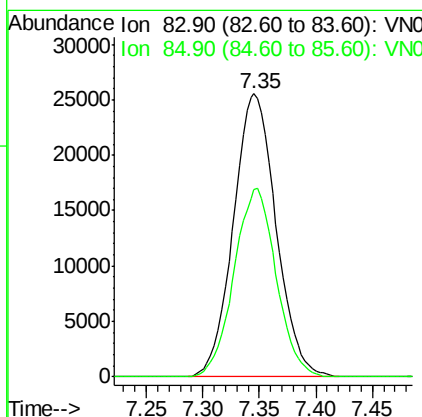
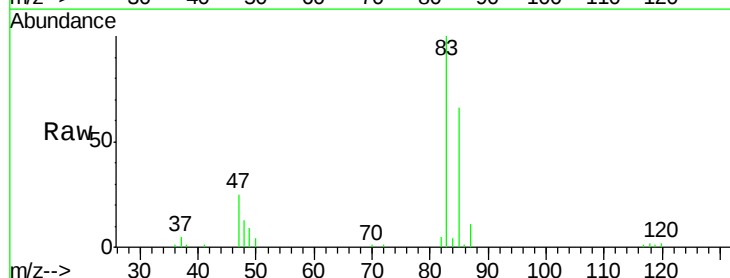
Manual Integrations
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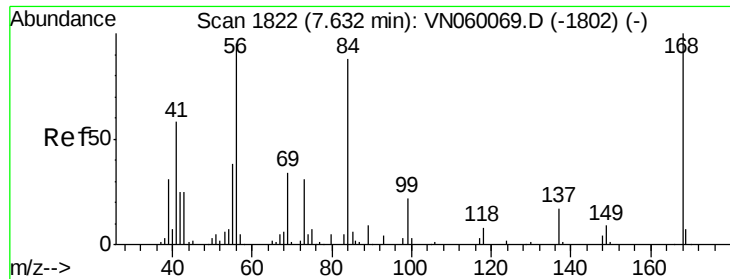
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2/25/2020 9:43:18 AM



#30
Chloroform
Concen: 19.064 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	51.4	77.0





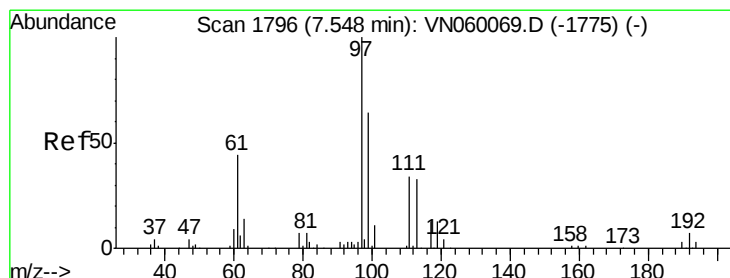
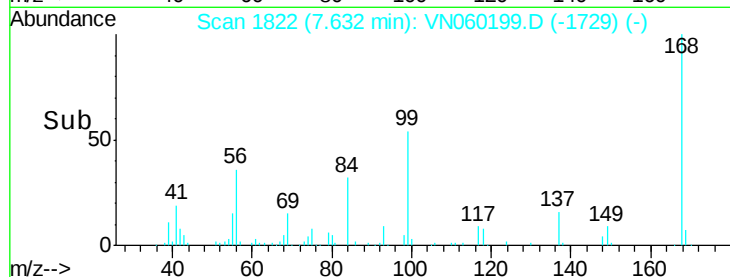
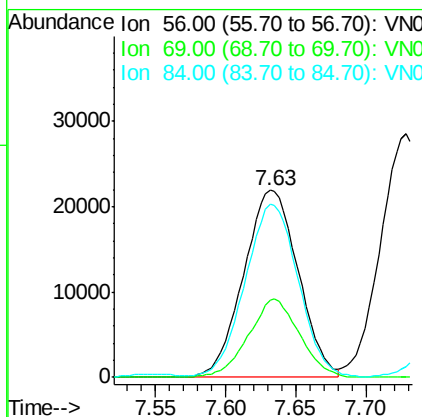
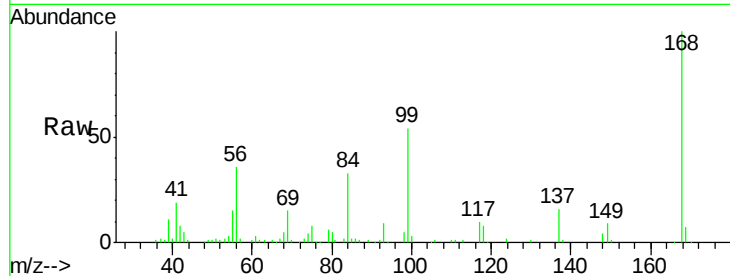
#31
Cyclohexane
Concen: 18.910 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	41.5	28.3	42.5
84	91.9	72.6	108.8

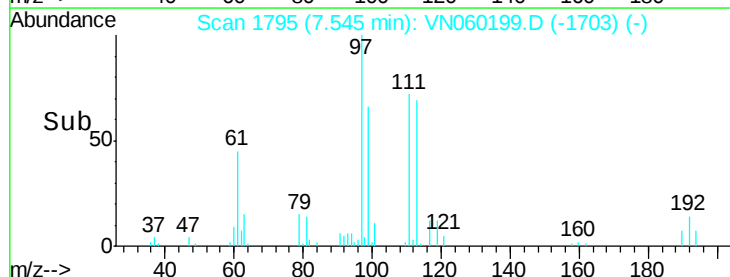
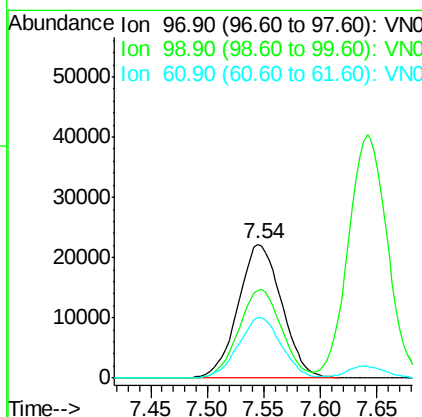
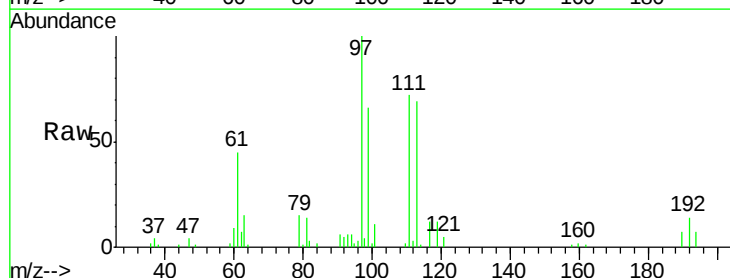
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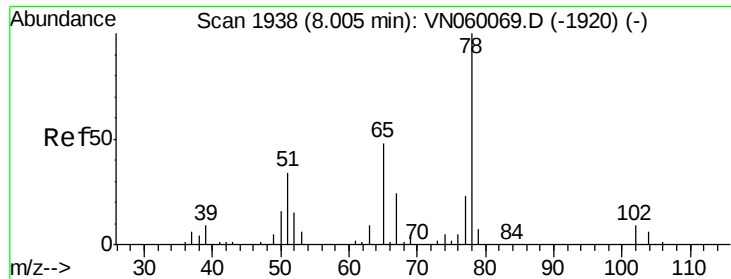
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#32
1,1,1-Trichloroethane
Concen: 18.547 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.4	77.0
61	44.6	34.9	52.3





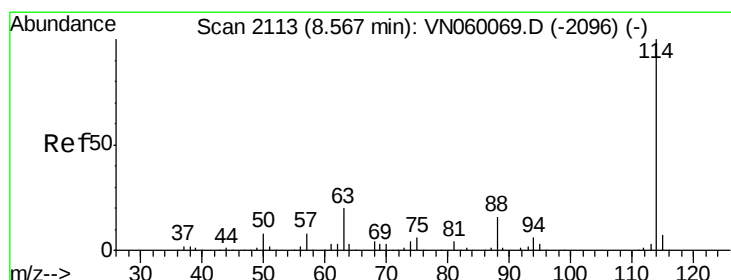
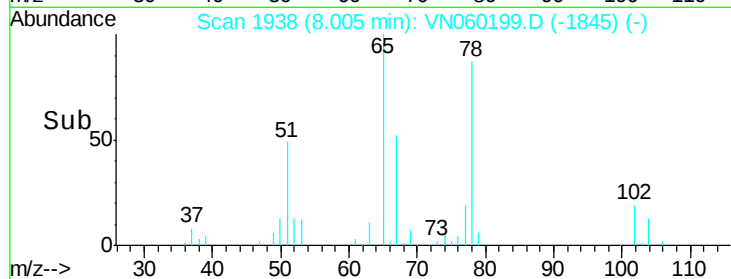
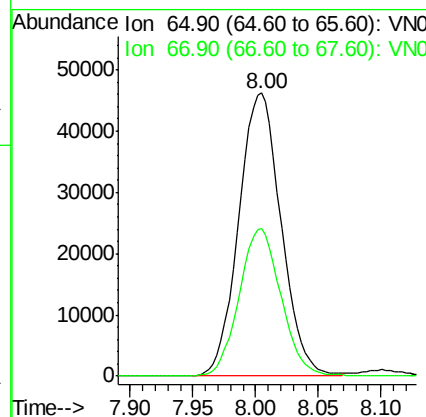
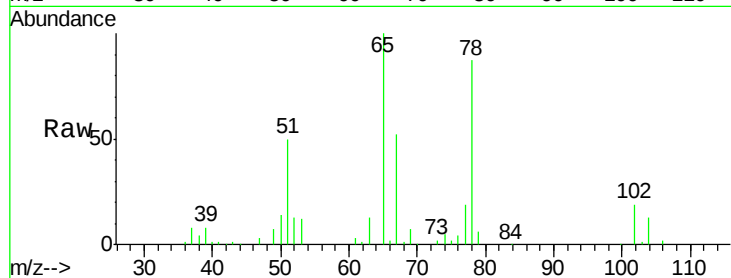
#33
 1,2-Dichloroethane-d4
 Concen: 49.094 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.5	0.0	104.0	

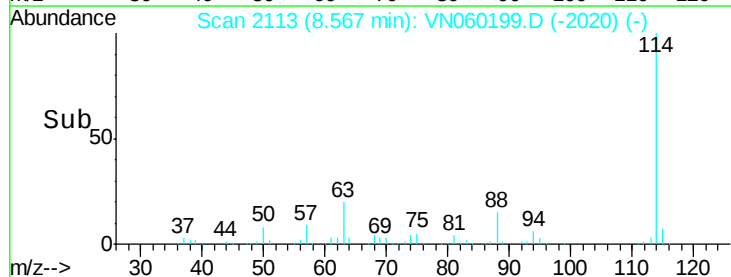
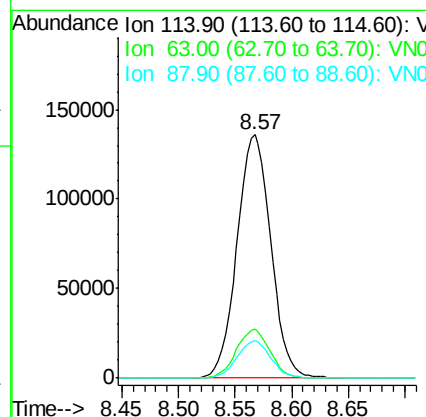
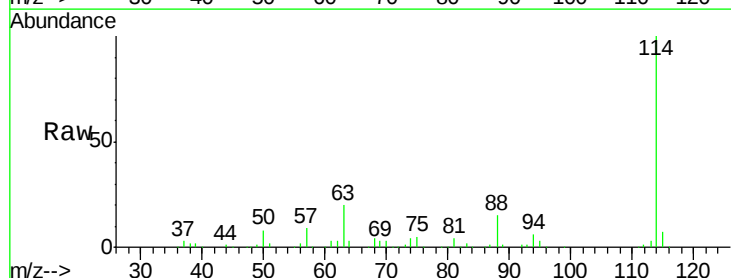
Manual Integrations
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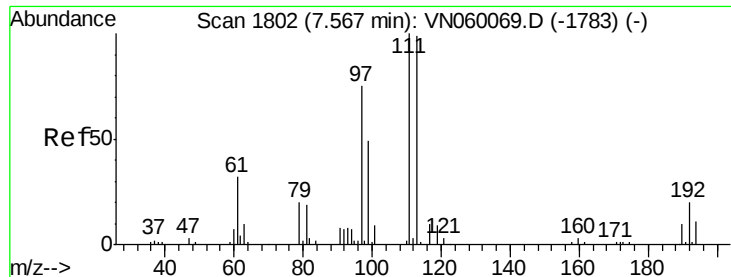
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

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





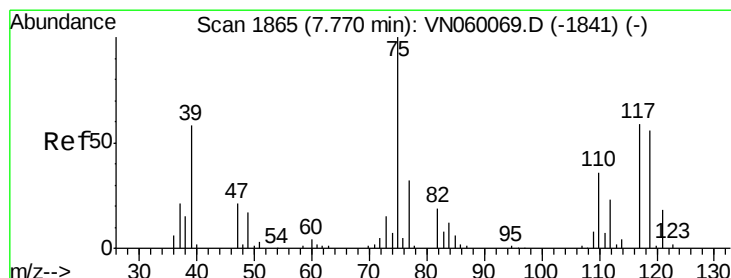
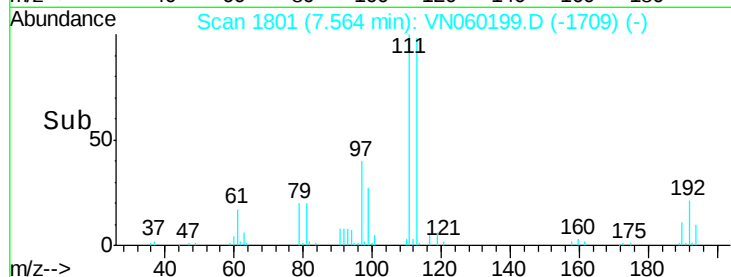
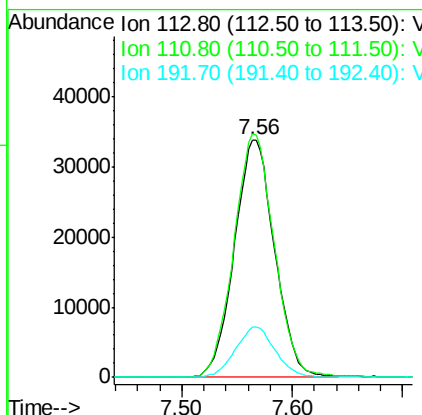
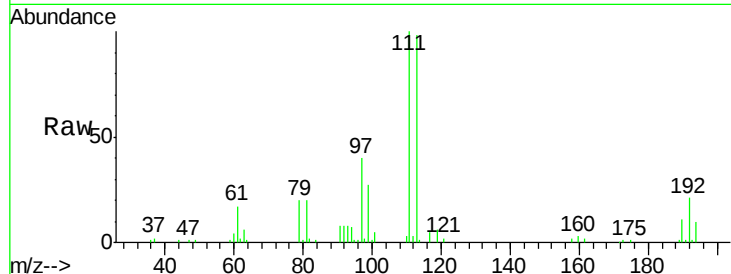
#35
 Dibromofluoromethane
 Concen: 48.960 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.4	122.2
192	20.9	16.2	24.2

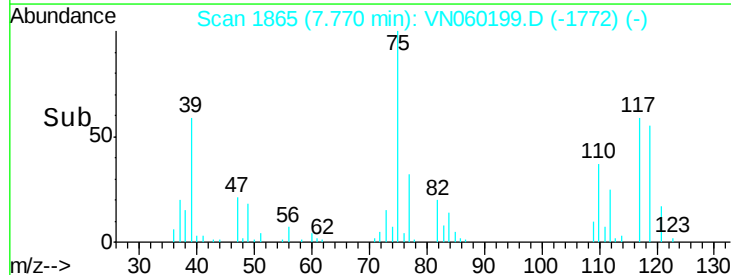
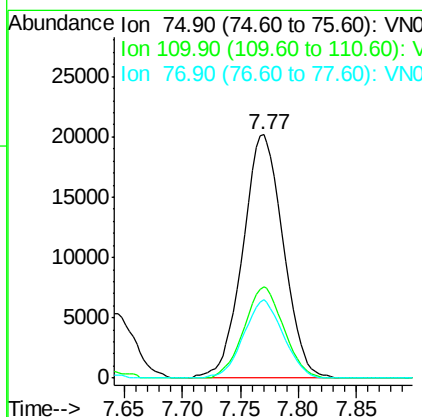
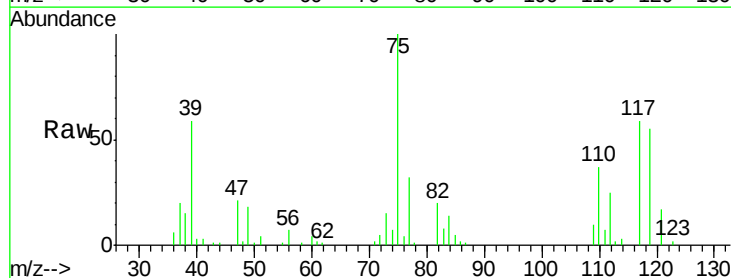
Manual Integrations
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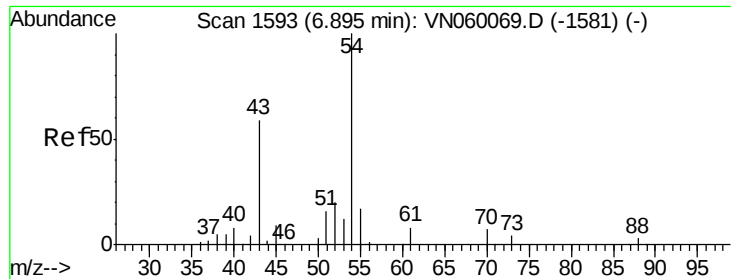
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#36
 1,1-Dichloropropene
 Concen: 18.693 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.7	18.1	54.3
77	31.5	25.1	37.7





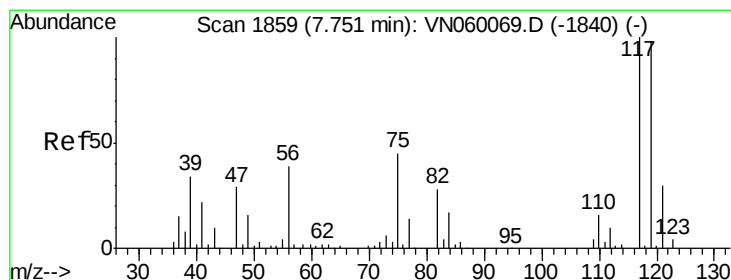
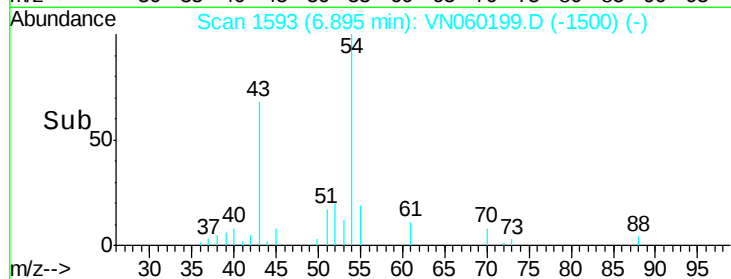
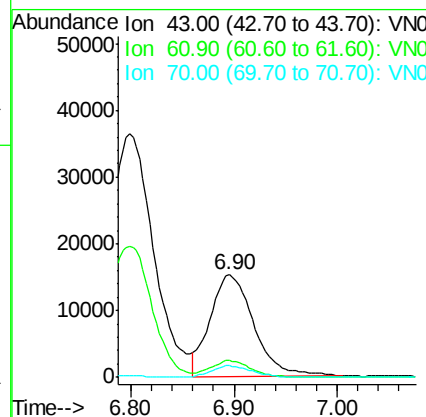
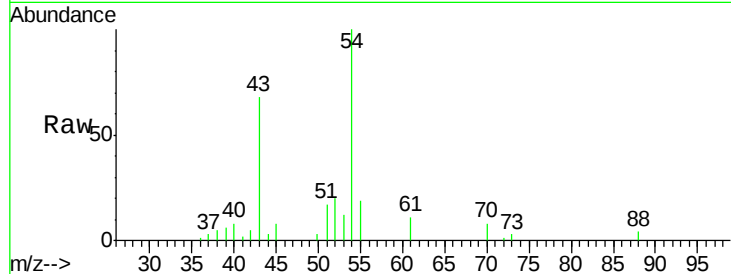
#37
Ethyl Acetate
Concen: 18.849 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	11.4	17.2
70	10.3	8.7	13.1

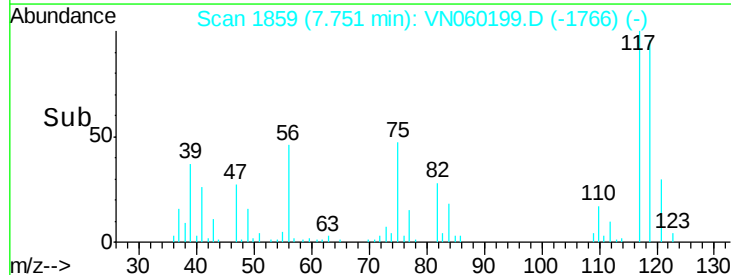
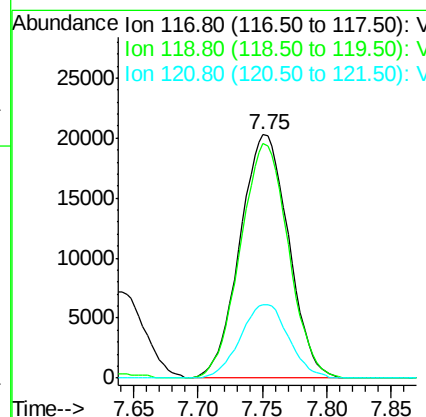
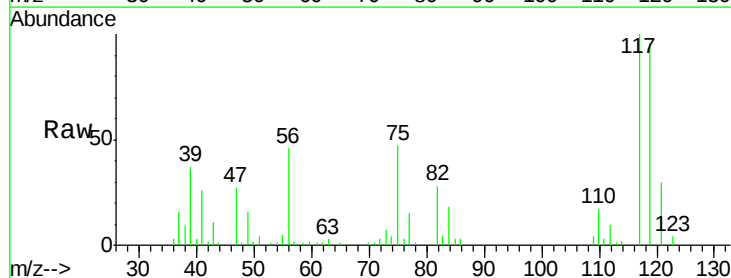
Manual Integrations
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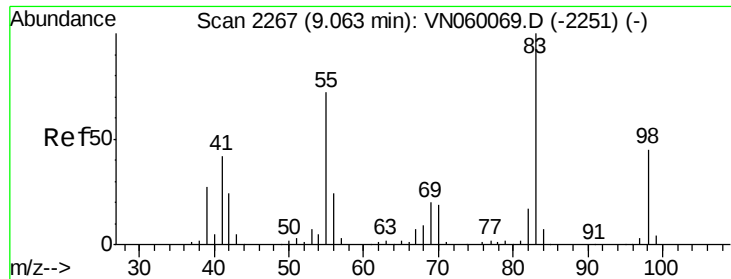
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#38
Carbon Tetrachloride
Concen: 18.668 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	78.2	117.4
121	30.3	24.2	36.2





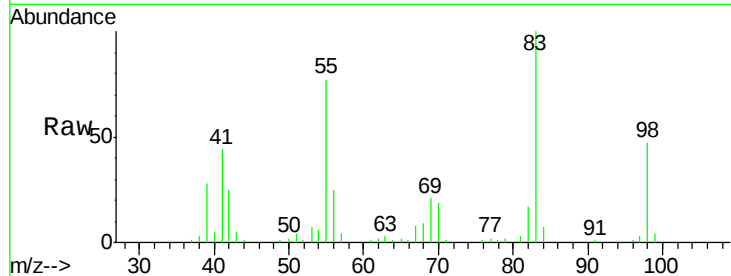
#39
Methvlcvclohexane
Concen: 18.350 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

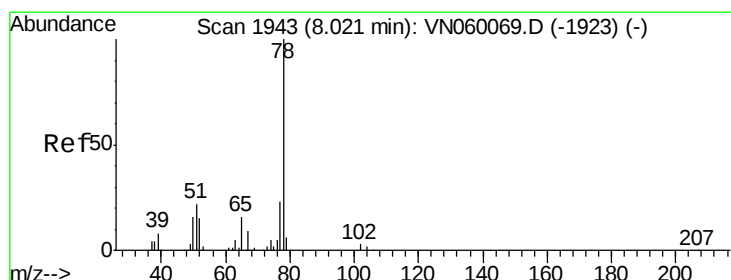
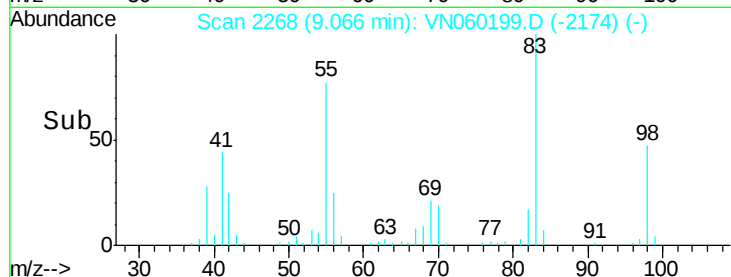
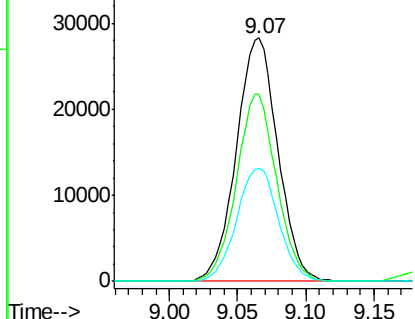
Tot Ion	83	Resp	59799
Ion Ratio	100	Lower	Upper
83	100		
55	76.8	57.8	86.8
98	46.7	36.4	54.6

Manual Integrations
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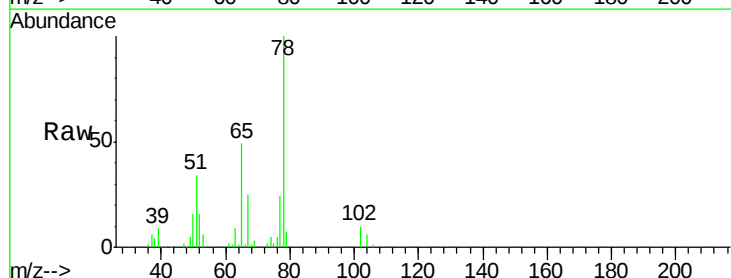


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

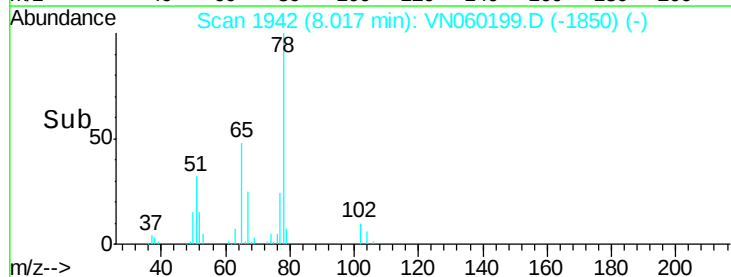
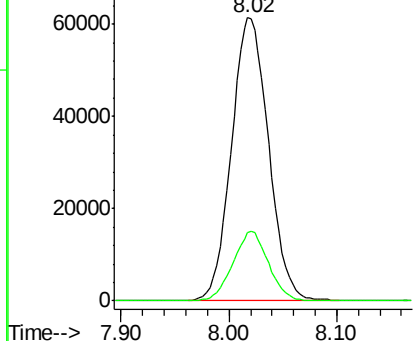


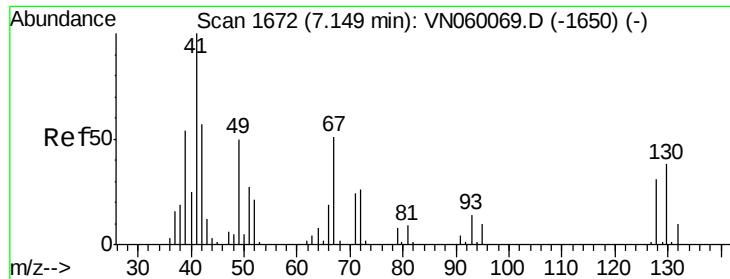
#40
Benzene
Concen: 18.834 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Tgt Ion	78	Resp	146669
Ion Ratio	100	Lower	Upper
78	100		
77	24.0	18.8	28.2



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





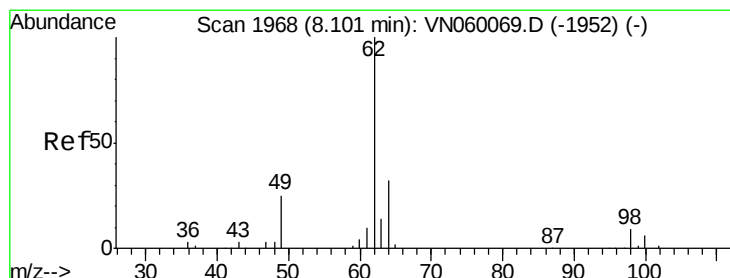
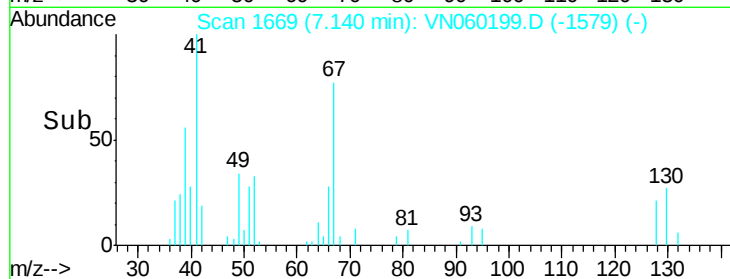
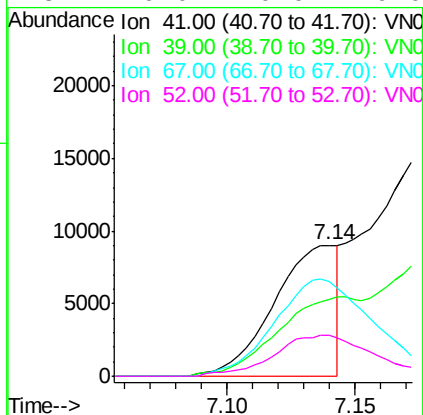
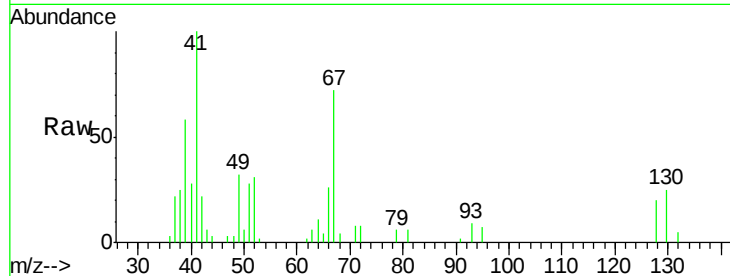
#41
Methacrylonitrile
Concen: 15.713 ug/l m
RT: 7.14 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

Tot Ion	41	Resp	15634
Ion Ratio	Lower	Upper	
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

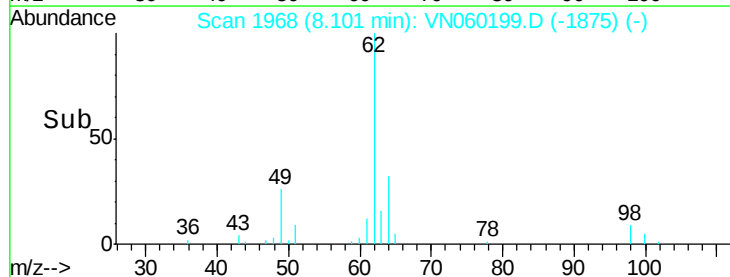
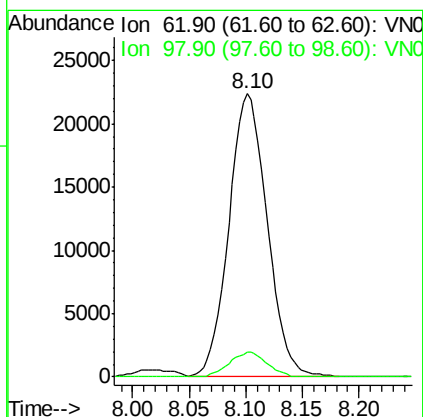
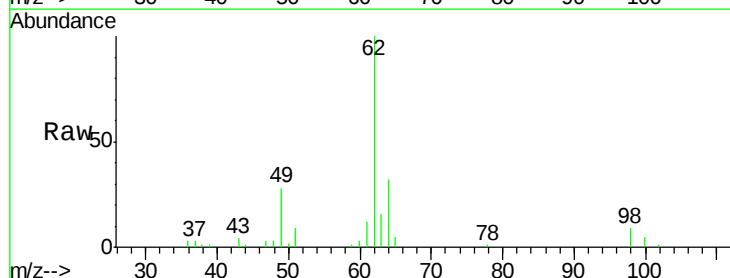
Manual Integrations
APPROVED

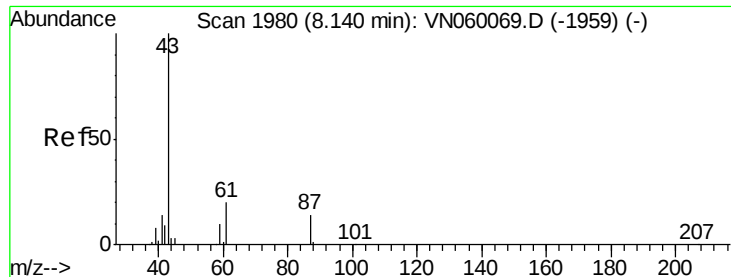
MMDadoda
2/25/2020 9:43:18 AM



#42
1,2-Dichloroethane
Concen: 19.317 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Tgt Ion	62	Resp	52724
Ion Ratio	Lower	Upper	
62	100		
98	8.5	0.0	18.2





#43

Isopropyl Acetate

Concen: 18.926 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Instrument :

MSVOA_N

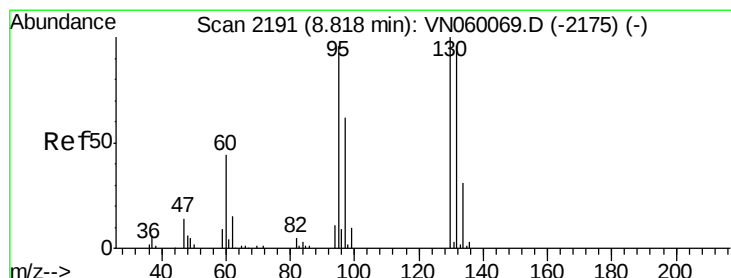
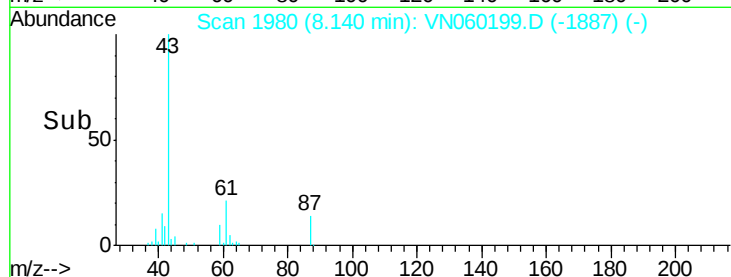
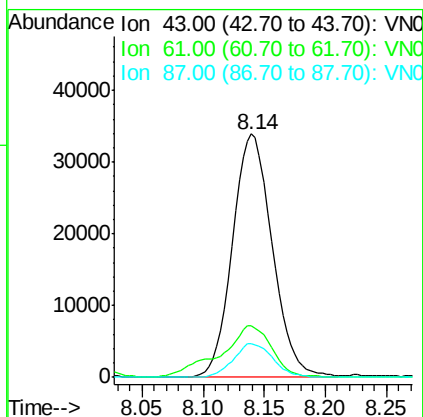
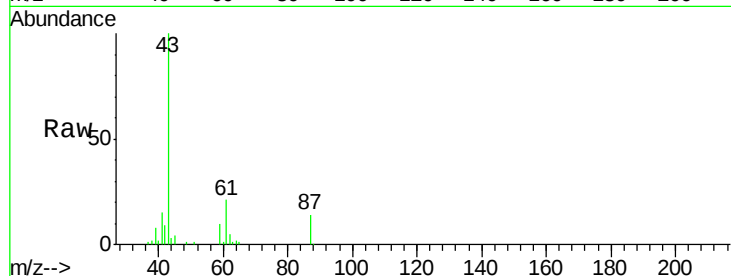
ClientSampleId :

VN0224WBS01

Tot Ion:	43	Resp:	76761
Ion	Ratio	Lower	Upper
43	100		
61	27.5	21.8	32.6
87	13.6	11.4	17.2

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2/25/2020 9:43:18 AM



#44

Trichloroethene

Concen: 18.682 ug/l

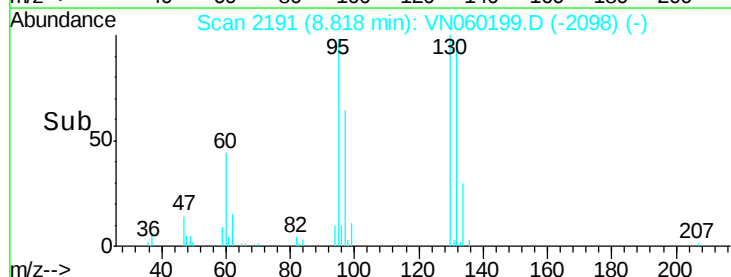
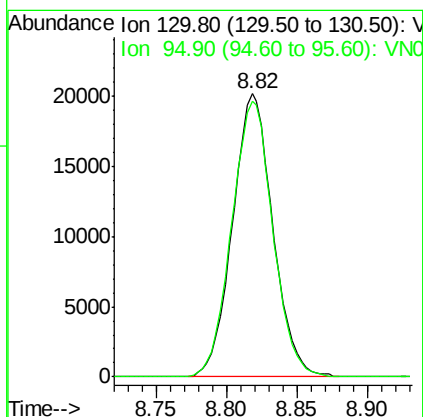
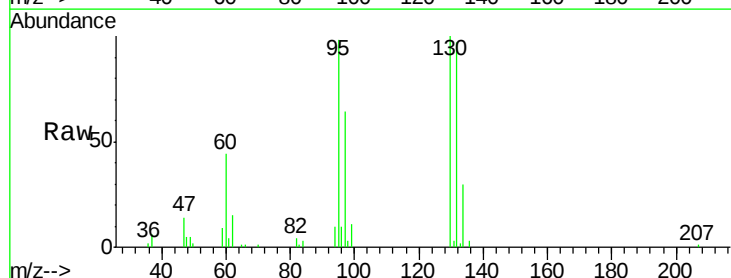
RT: 8.82 min Scan# 2191

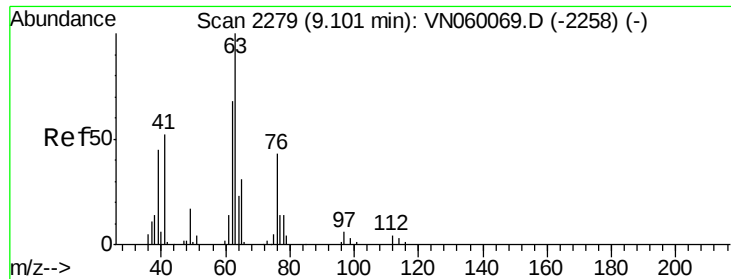
Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Tgt Ion:	130	Resp:	40283
Ion	Ratio	Lower	Upper
130	100		
95	97.5	0.0	192.4





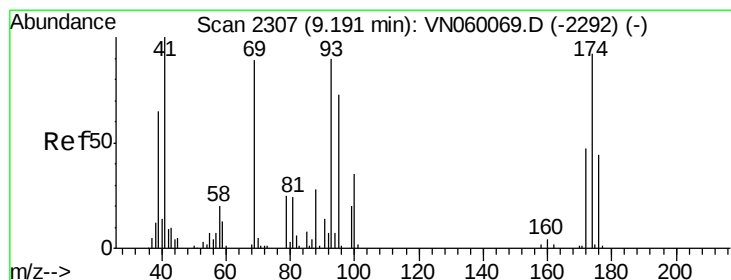
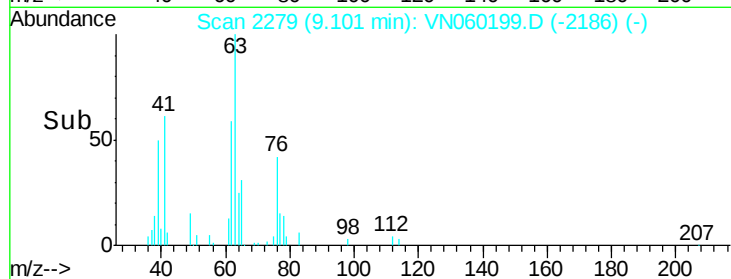
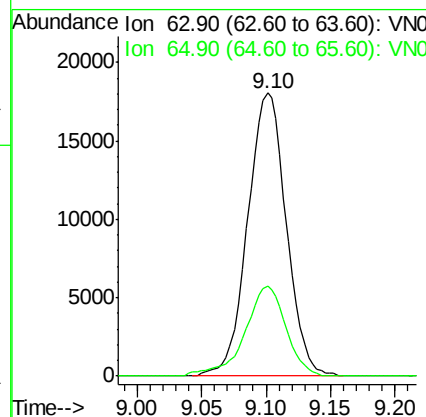
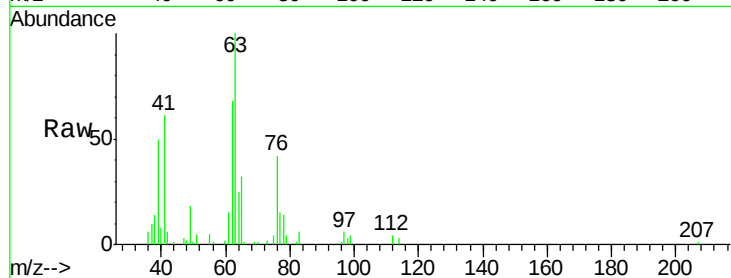
#45
 1,2-Dichloropropane
 Concen: 19.511 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBS01

Tot Ion: 63 Resp: 37616
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.0 37.4

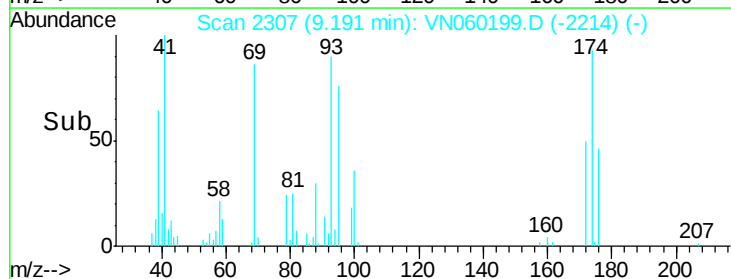
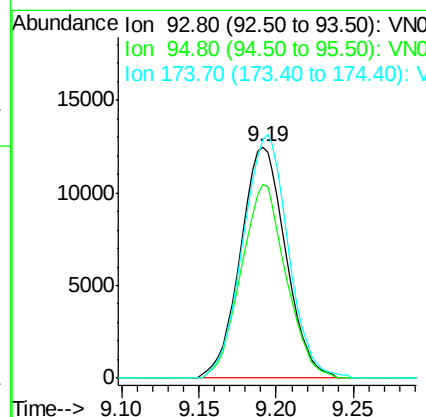
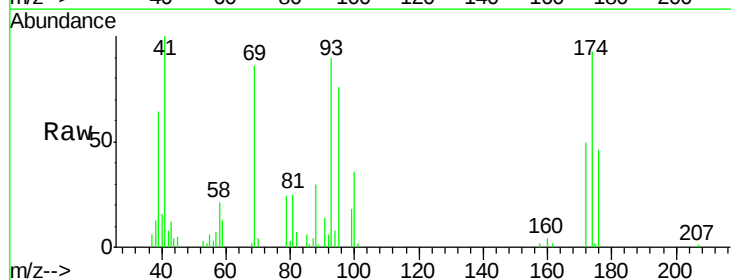
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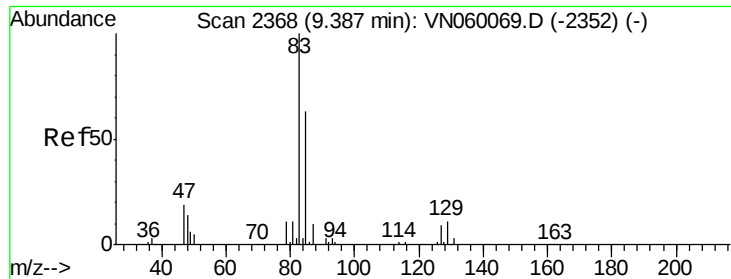
MMDadoda
 2/25/2020 9:43:18 AM



#46
 Dibromomethane
 Concen: 18.622 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

Tgt Ion: 93 Resp: 25371
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.0 97.6
 174 105.3 82.3 123.5





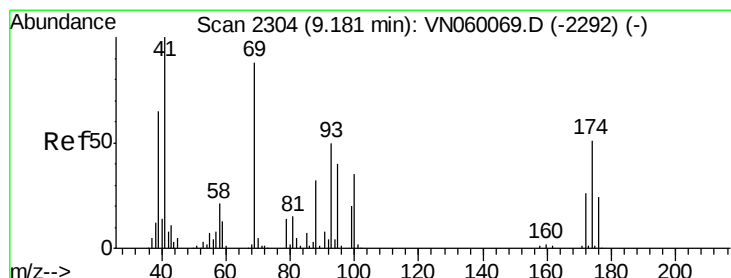
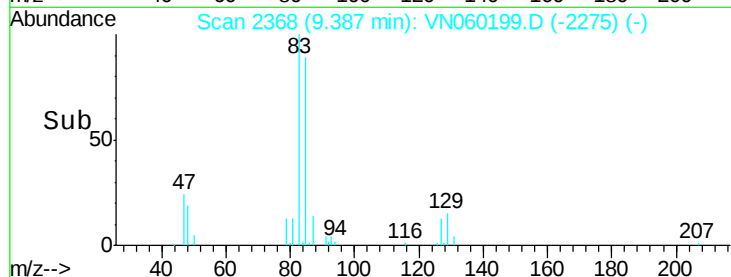
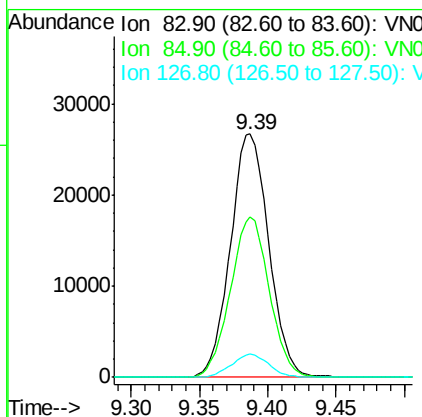
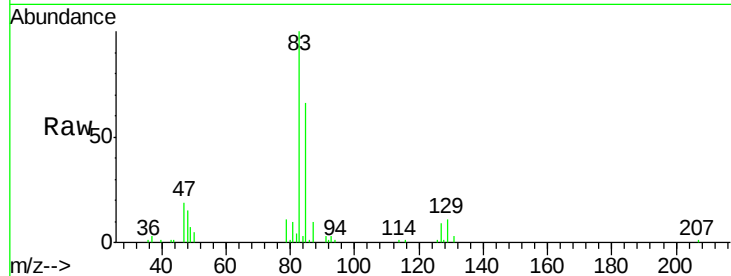
#47
Bromodichloromethane
Concen: 18.822 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

Tot Ion	83	Resp	52136
Ion Ratio	100	Lower	Upper
83	100		
85	66.0	50.6	75.8
127	9.5	7.0	10.6

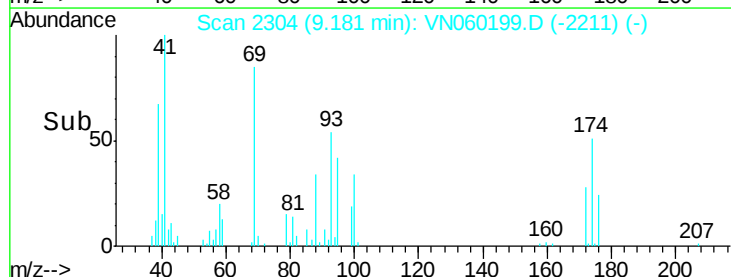
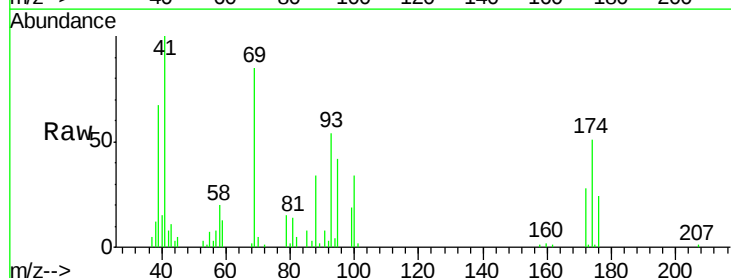
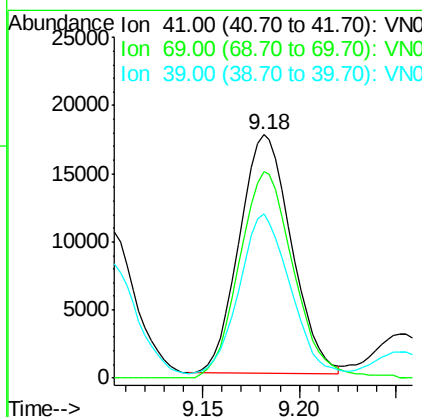
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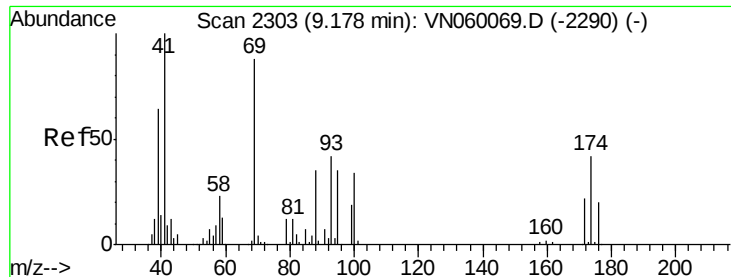
MMDadoda
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#48
Methyl methacrylate
Concen: 18.088 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Tgt Ion	41	Resp	32915
Ion Ratio	100	Lower	Upper
41	100		
69	90.0	72.0	108.0
39	66.2	54.1	81.1





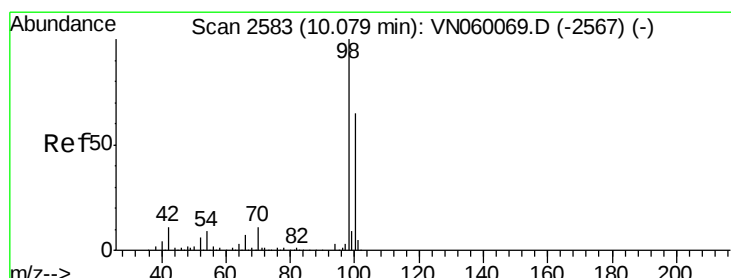
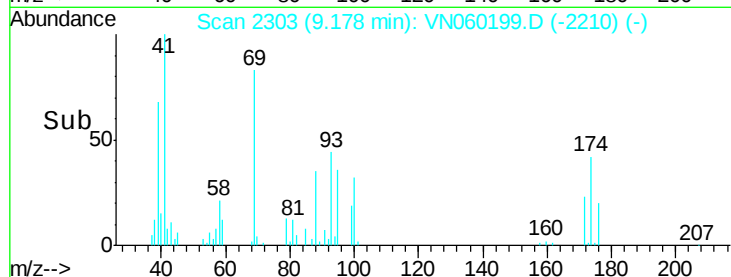
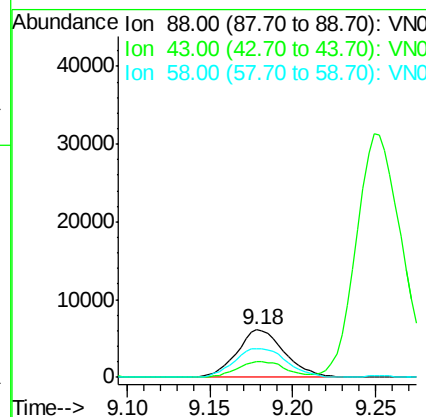
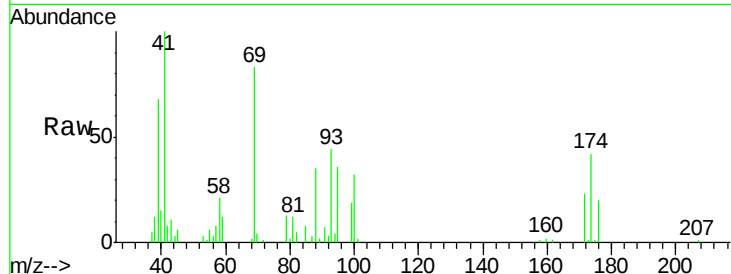
#49
1,4-Dioxane
Concen: 389.661 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

Tot Ion	Ratio	Resp	Lower	Upper
88	100	12115		
43	34.3	26.2	39.2	
58	66.6	53.2	79.8	

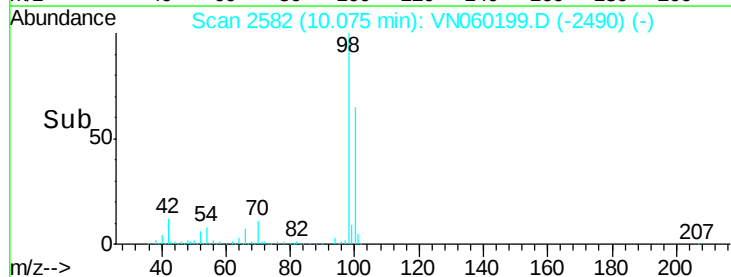
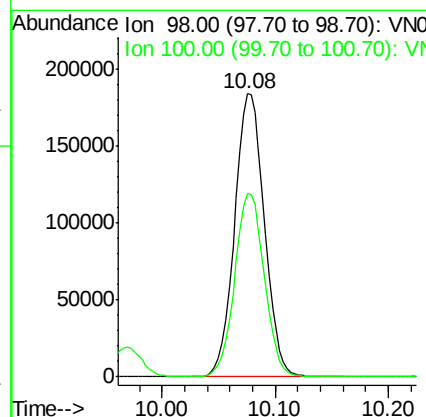
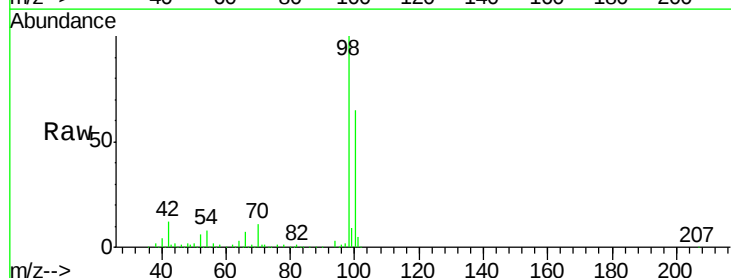
Manual Integrations
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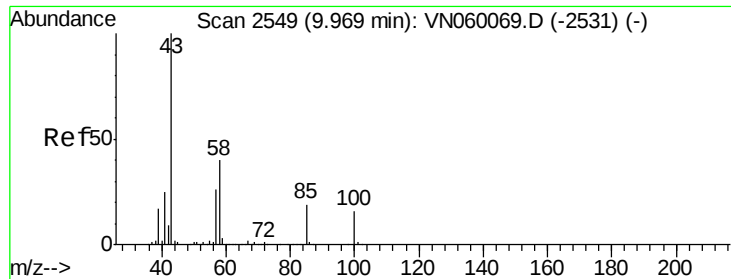
MMDadoda
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#50
Toluene-d8
Concen: 49.073 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	336678		
100	64.5	51.7	77.5	





#51

4-Methyl-2-Pentanone

Concen: 93.933 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBS01

Tot Ion: 43 Resp: 220512

Ion Ratio Lower Upper

43 100

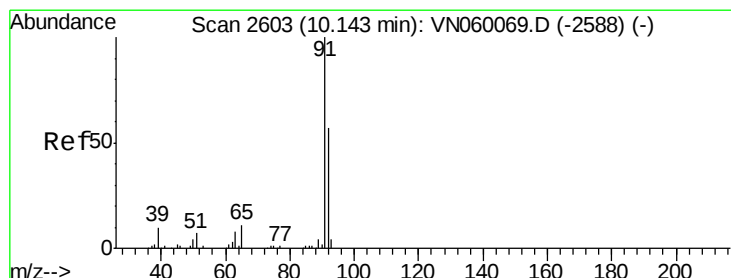
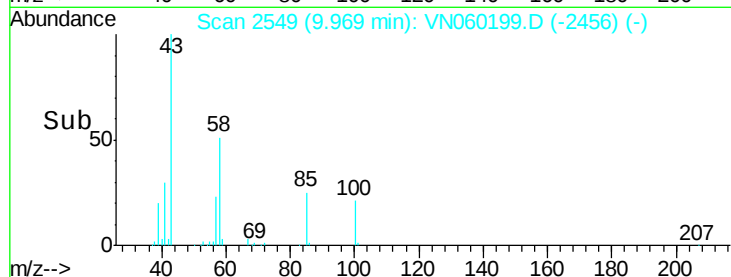
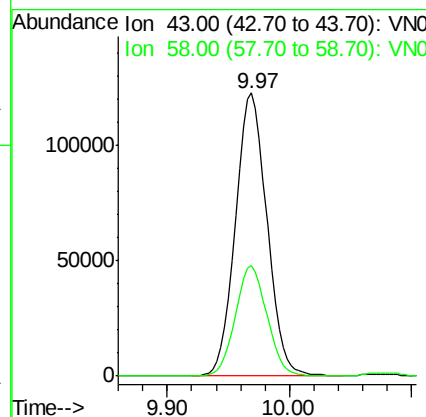
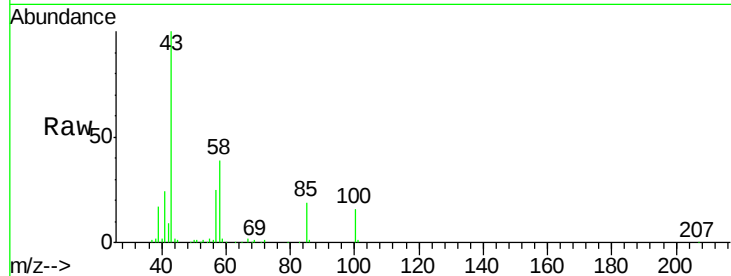
58 39.2 31.8 47.8

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#52

Toluene

Concen: 18.786 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN060199.D

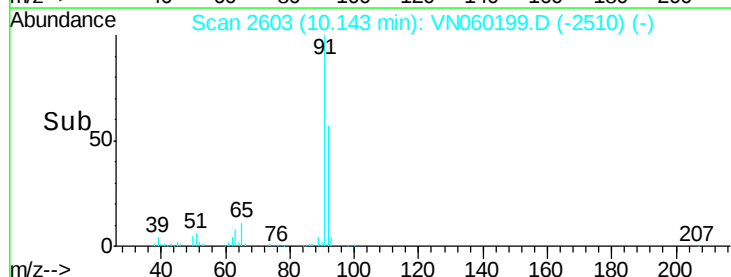
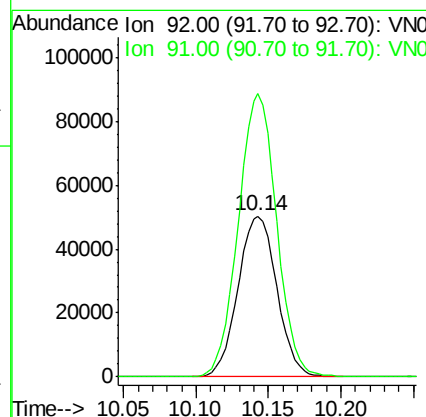
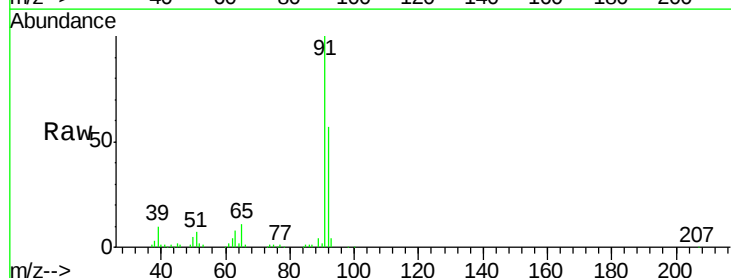
Acq: 24 Feb 2020 10:57

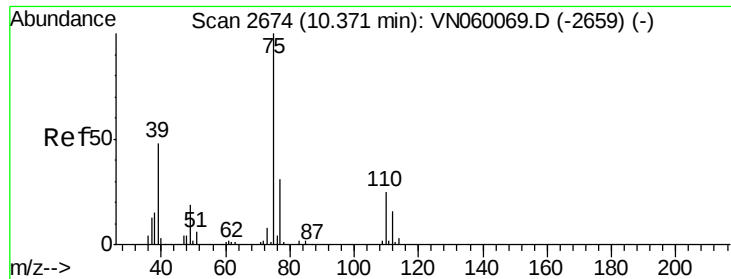
Tgt Ion: 92 Resp: 93813

Ion Ratio Lower Upper

92 100

91 173.5 140.9 211.3





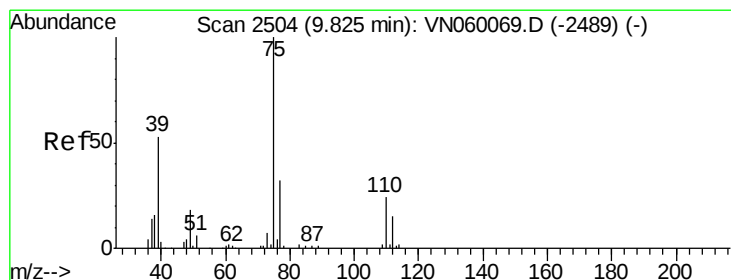
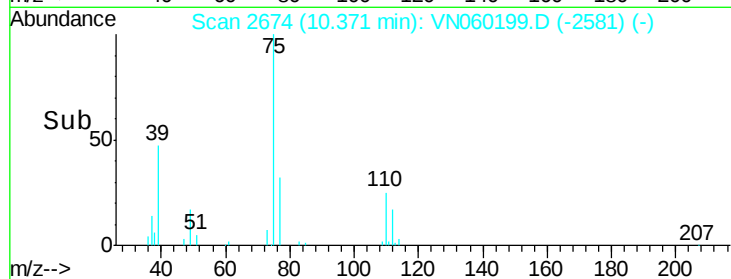
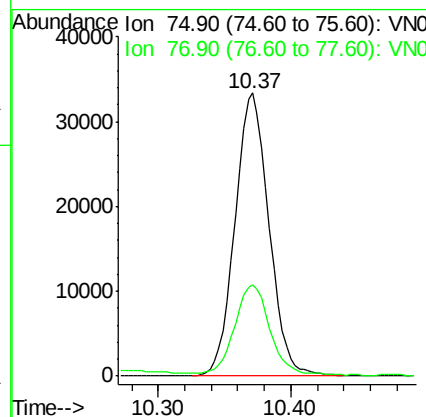
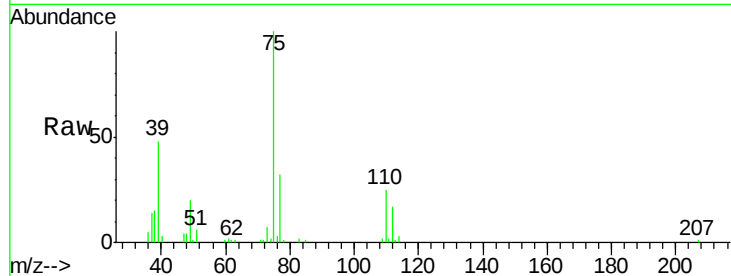
#53
t-1,3-Dichloropropene
Concen: 19.003 ug/l
RT: 10.37 min Scan# 2674
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

Tot Ion	75	Resp	59416
Ion Ratio	Lower	Upper	
75	100		
77	31.7	25.4	38.0

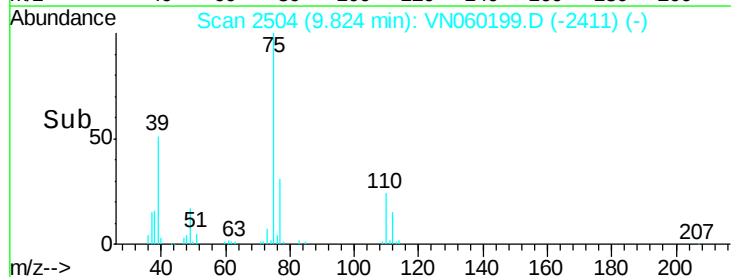
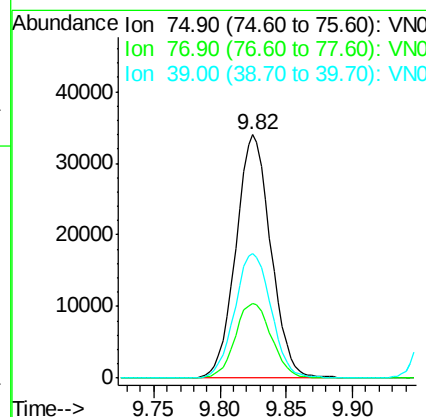
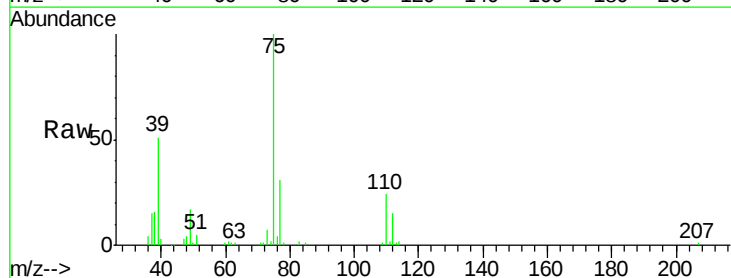
Manual Integrations
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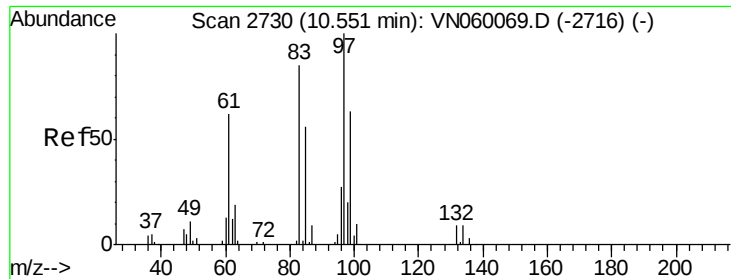
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 18.871 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Tgt Ion	75	Resp	62131
Ion Ratio	Lower	Upper	
75	100		
77	30.7	25.6	38.4
39	51.3	42.2	63.4





#55

1,1,2-Trichloroethane

Concen: 18.963 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Instrument :

MSVOA_N

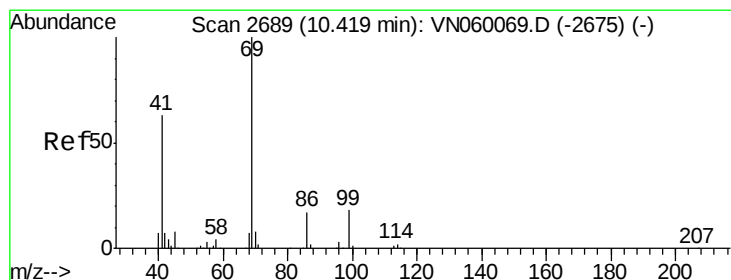
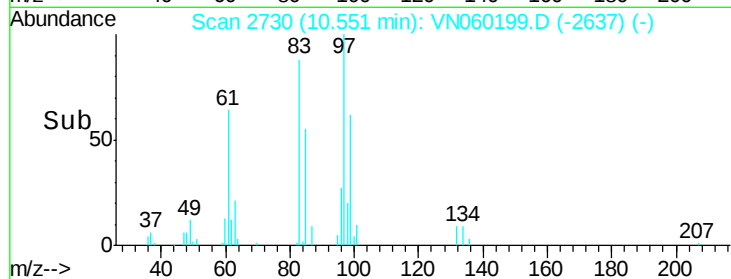
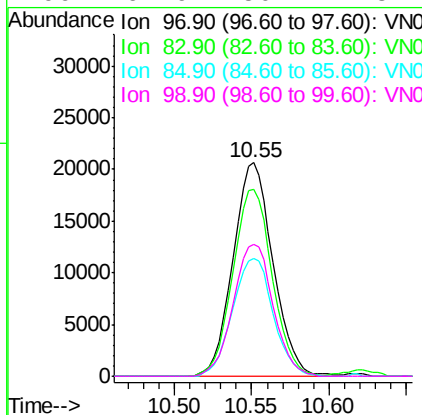
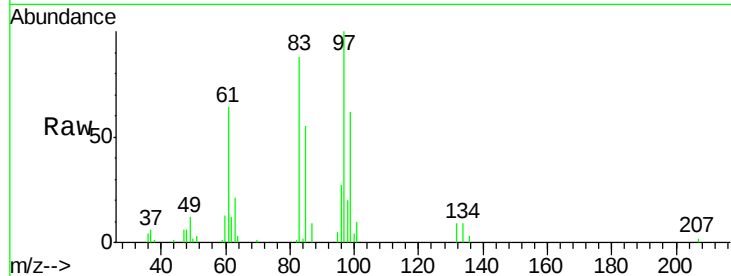
ClientSampleId :

VN0224WBS01

Tot Ion:	97	Resp:	36944
Ion	Ratio	Lower	Upper
97	100		
83	87.7	67.9	101.9
85	55.4	44.6	67.0
99	61.9	50.1	75.1

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#56

Ethyl methacrylate

Concen: 18.517 ug/l

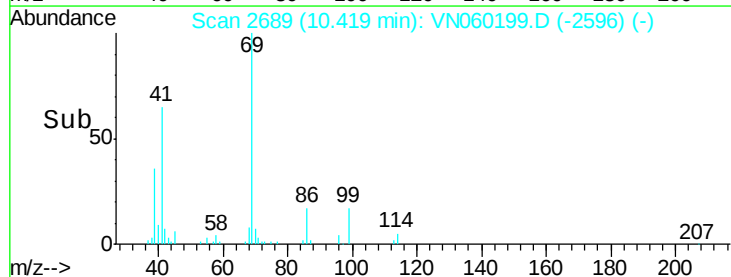
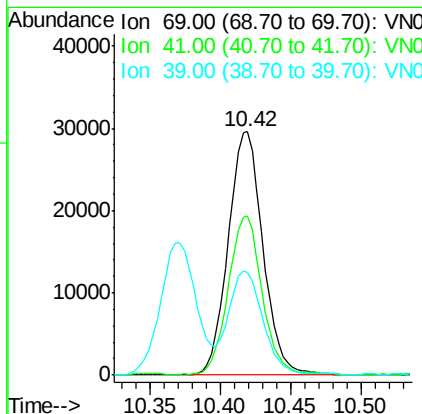
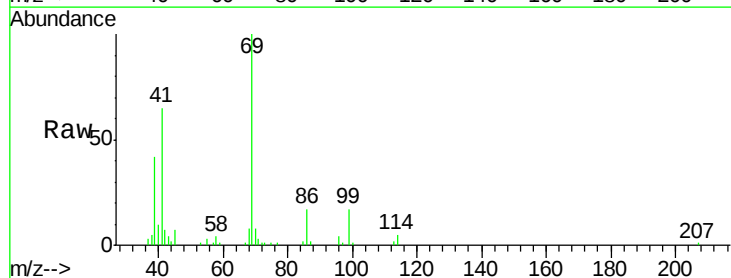
RT: 10.42 min Scan# 2689

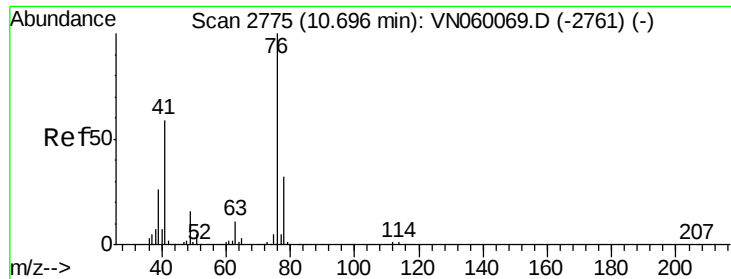
Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Tgt Ion:	69	Resp:	51033
Ion	Ratio	Lower	Upper
69	100		
41	64.1	51.1	76.7
39	42.9	33.8	50.8





#57

1,3-Dichloropropane

Concen: 19.032 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBS01

Tot Ion: 76 Resp: 61183

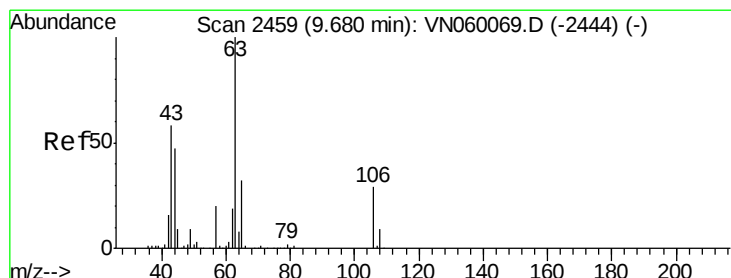
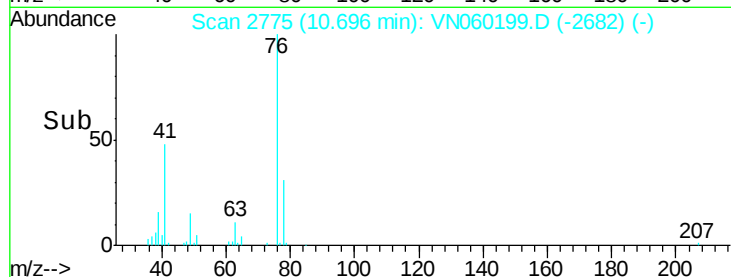
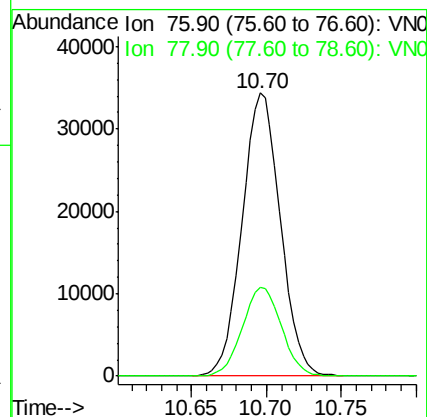
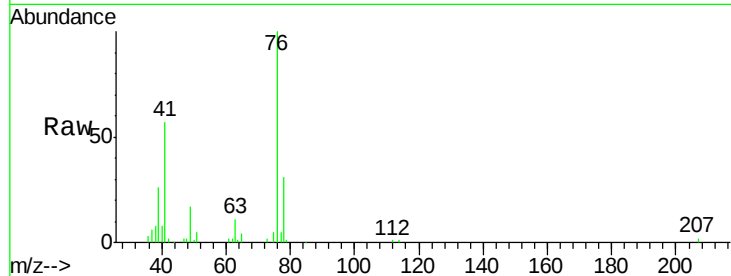
Ion Ratio Lower Upper

76 100

78 31.9 25.7 38.5

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#58

2-Chloroethyl Vinyl ether

Concen: 91.337 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. -0.00 min

Lab File: VN060199.D

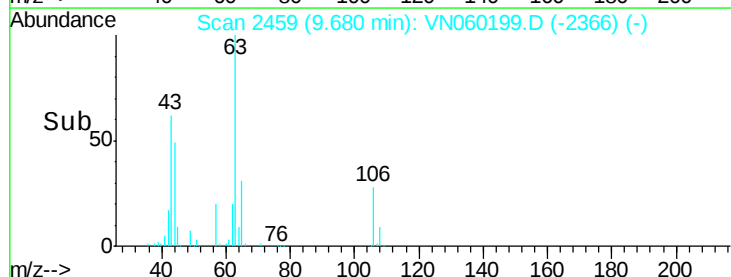
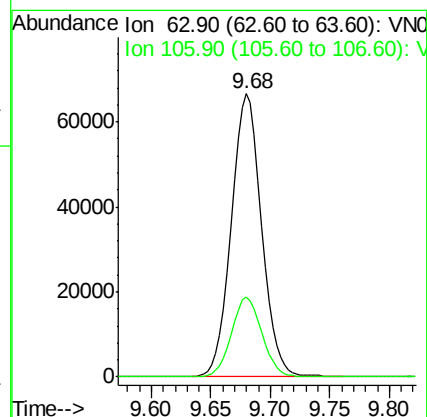
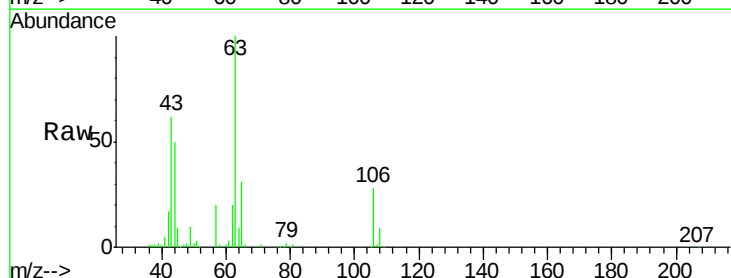
Acq: 24 Feb 2020 10:57

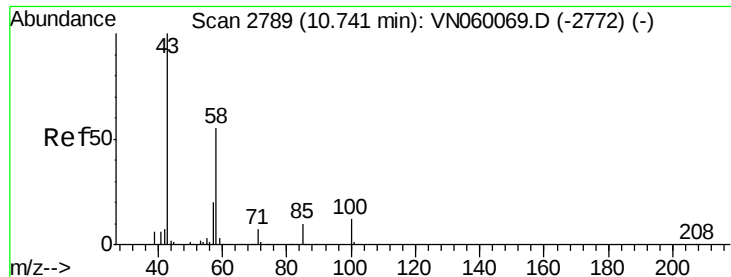
Tgt Ion: 63 Resp: 117270

Ion Ratio Lower Upper

63 100

106 28.4 22.9 34.3





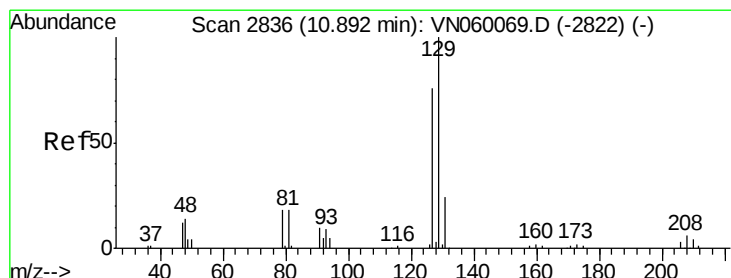
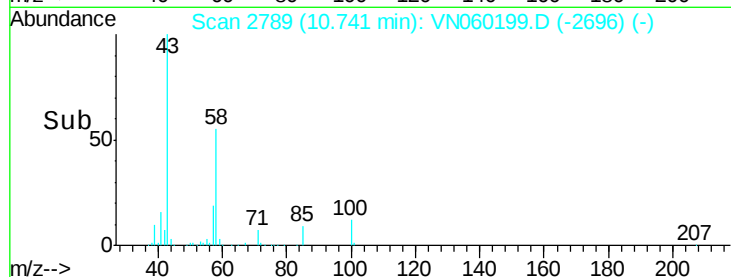
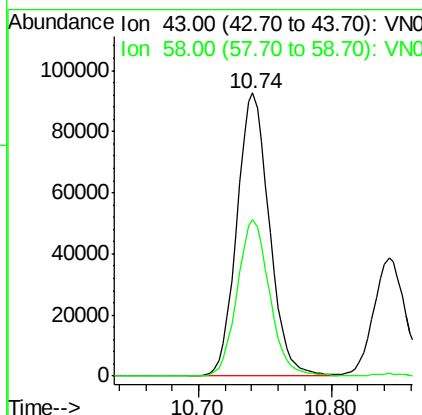
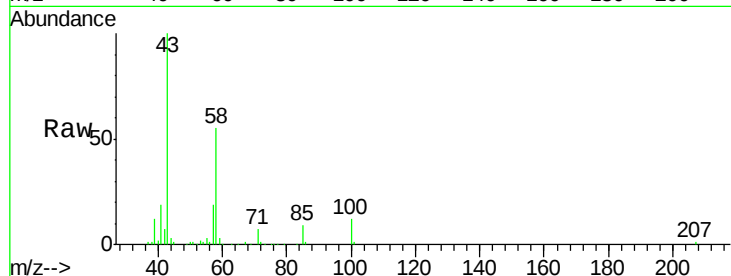
#59
2-Hexanone
Concen: 87.025 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

Tot Ion: 43 Resp: 157813
Ion Ratio Lower Upper
43 100
58 55.1 27.5 82.4

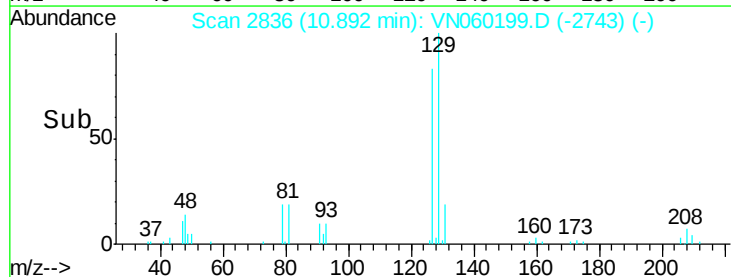
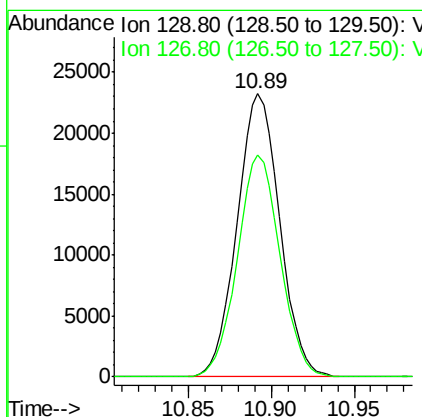
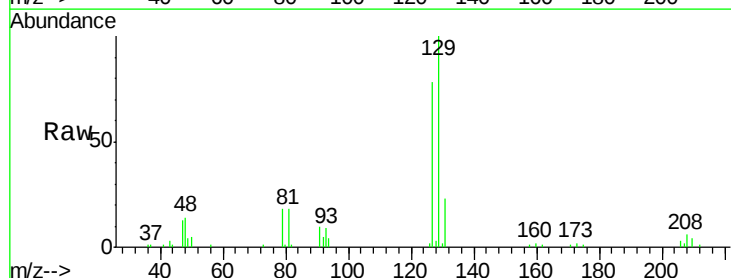
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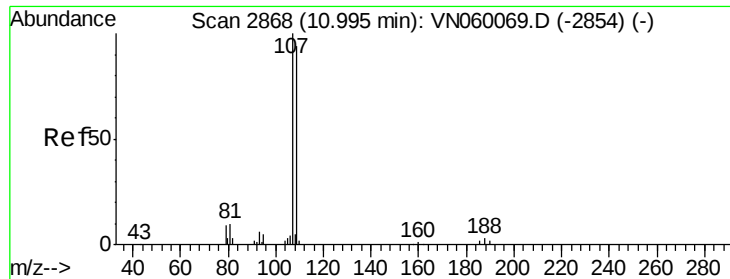
MMDadoda
2/25/2020 9:43:18 AM



#60
Dibromochloromethane
Concen: 18.556 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Tgt Ion: 129 Resp: 41485
Ion Ratio Lower Upper
129 100
127 78.4 38.0 114.1





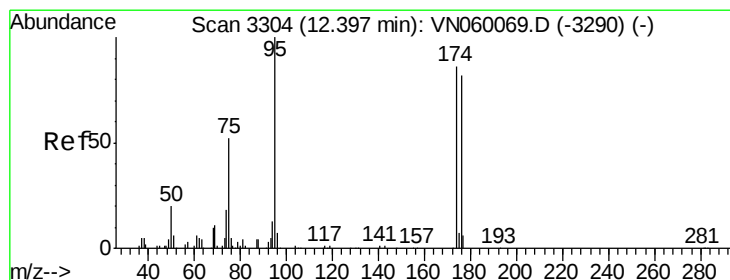
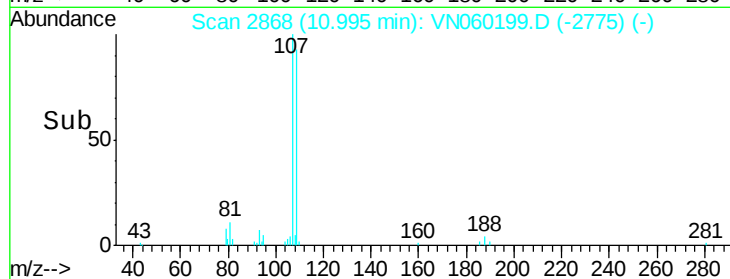
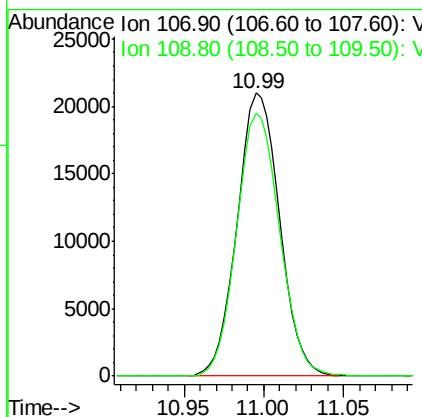
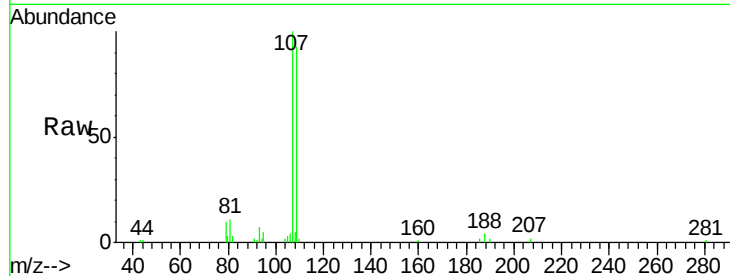
#61
 1,2-Dibromoethane
 Concen: 18.585 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.3	75.4	113.0

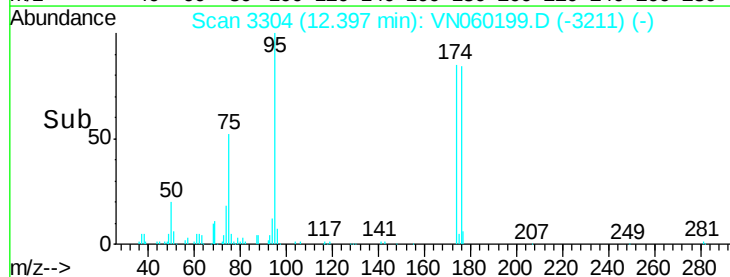
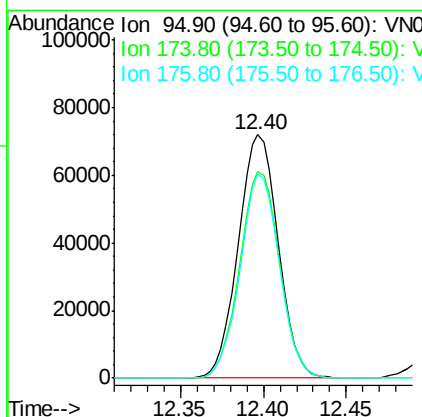
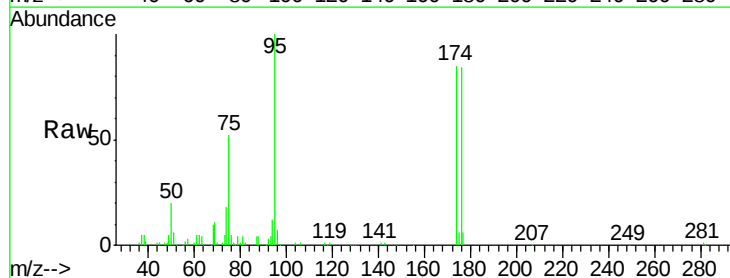
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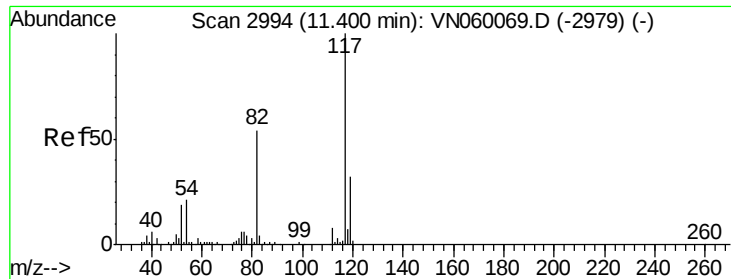
MMDadoda
 2/25/2020 9:43:18 AM



#62
 4-Bromofluorobenzene
 Concen: 47.909 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

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





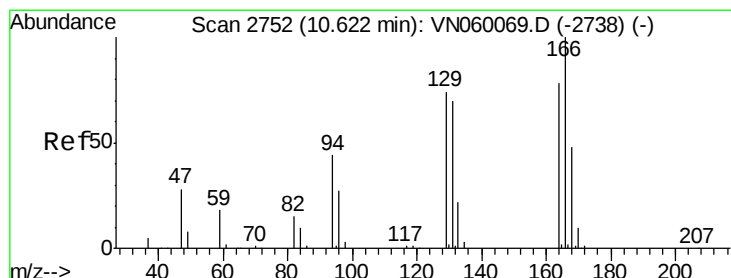
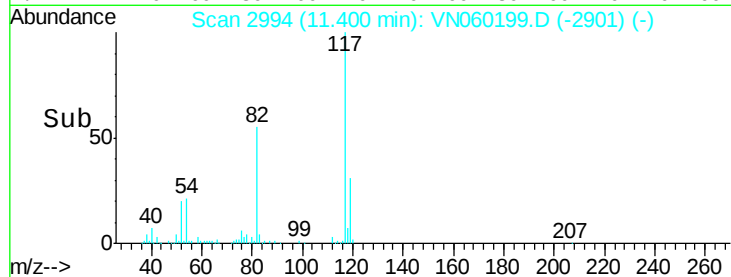
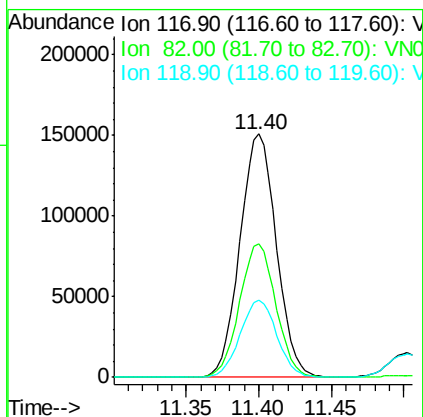
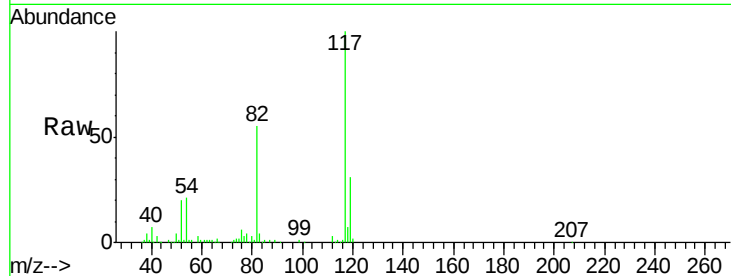
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	43.4	65.0
119	31.5	25.8	38.6

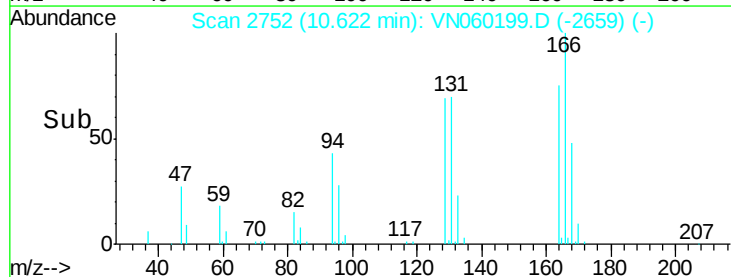
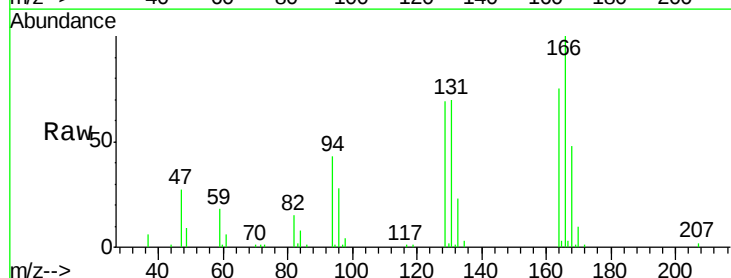
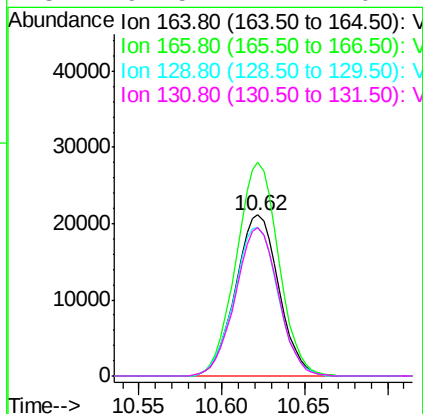
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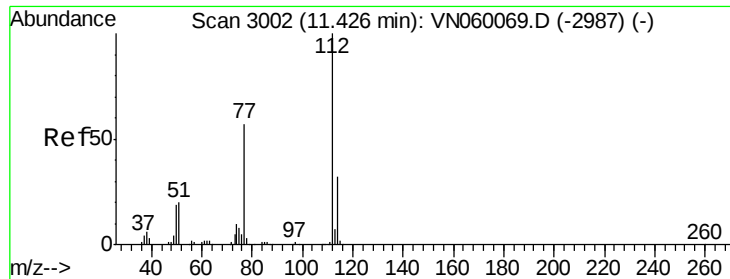
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#64
Tetrachloroethene
Concen: 19.105 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.5	101.9	152.9
129	91.8	75.4	113.0
131	92.5	71.4	107.2





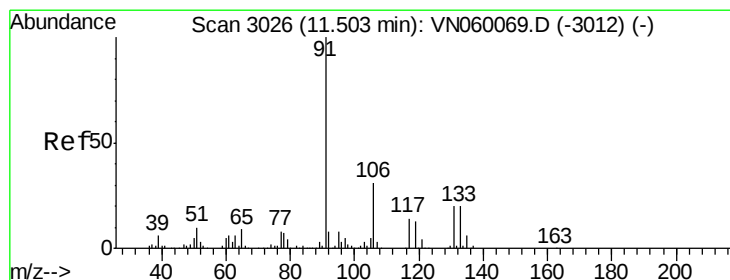
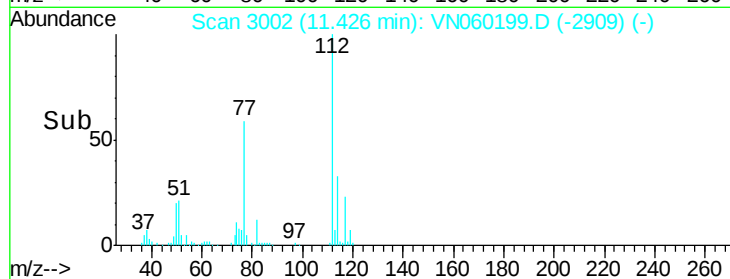
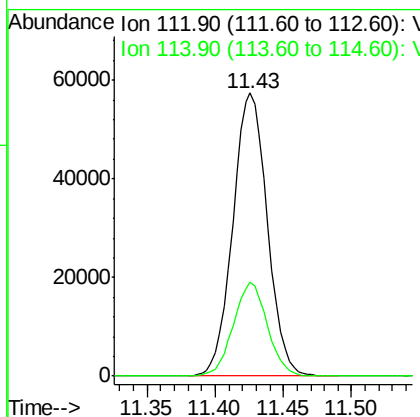
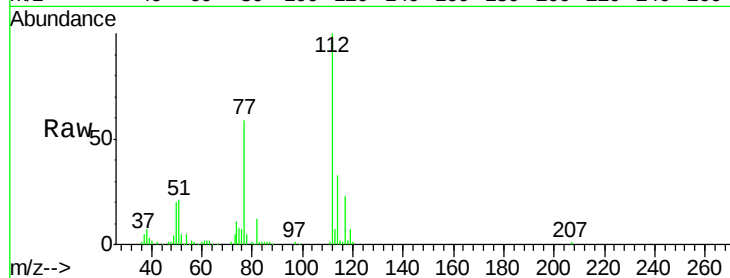
#65
Chlorobenzene
Concen: 18.679 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.0	25.4	38.0

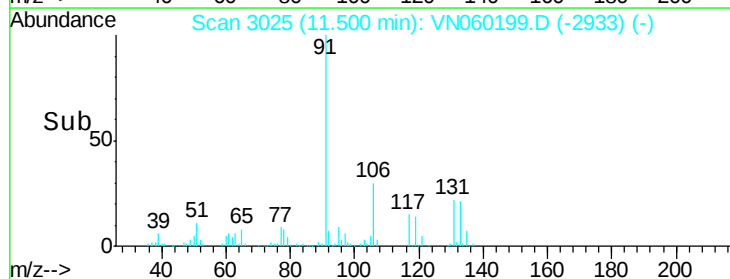
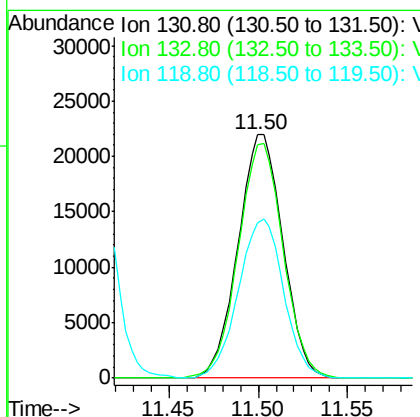
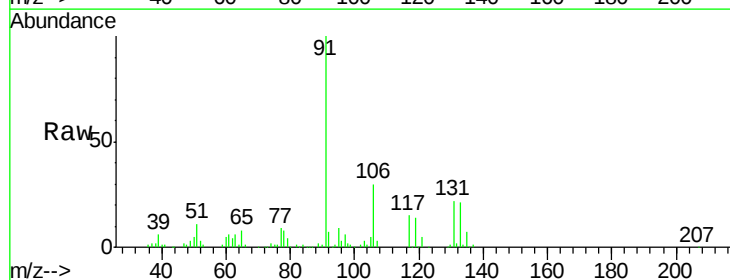
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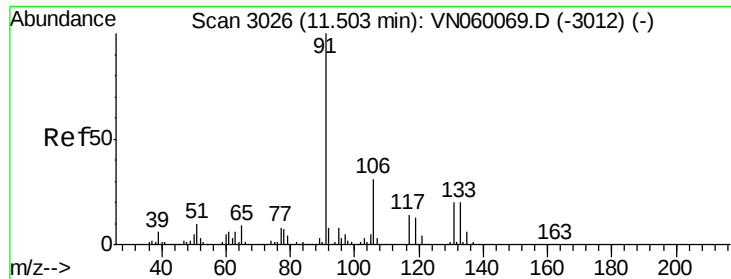
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.924 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.8	47.9	143.7
119	66.0	32.6	97.7





#67

Ethyl Benzene

Concen: 18.637 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBS01

Tot Ion: 91 Resp: 180683

Ion Ratio Lower Upper

91 100

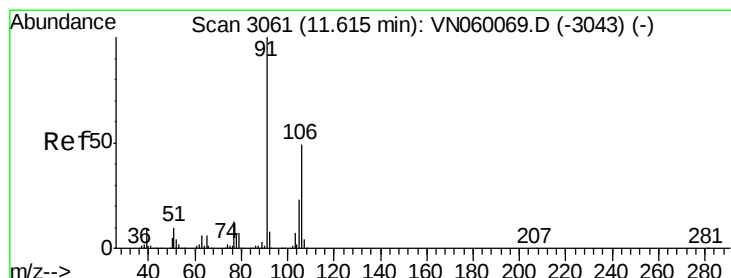
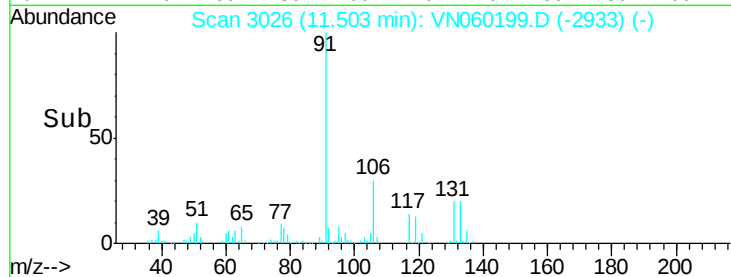
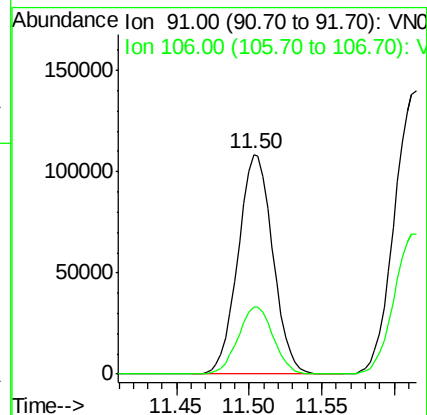
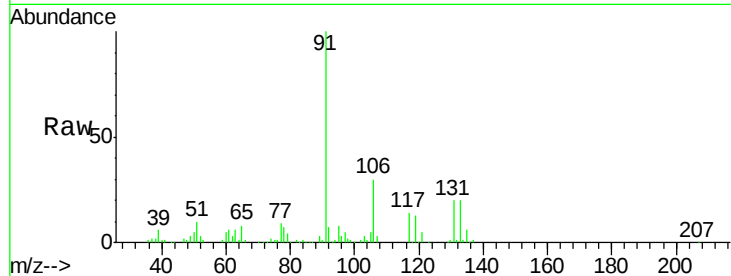
106 30.5 25.1 37.7

Manual Integrations

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#68

m/p-Xylenes

Concen: 37.788 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060199.D

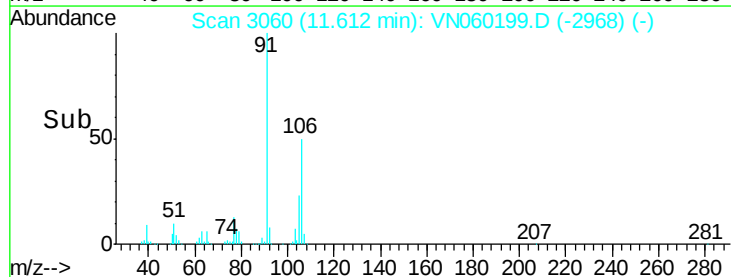
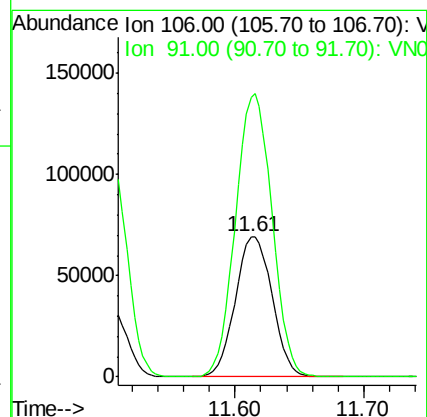
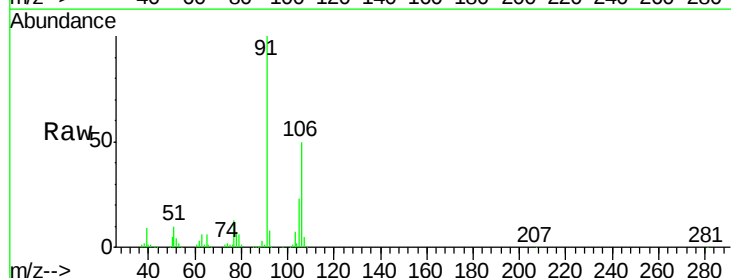
Acq: 24 Feb 2020 10:57

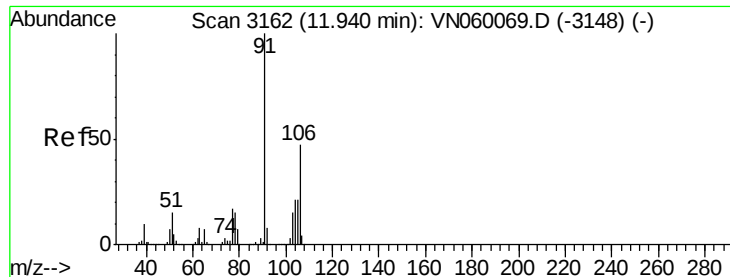
Tgt Ion: 106 Resp: 137499

Ion Ratio Lower Upper

106 100

91 200.8 162.7 244.1





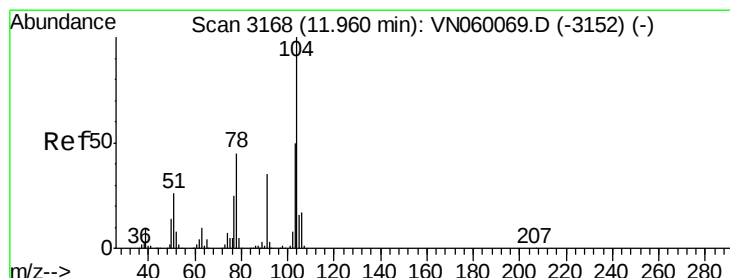
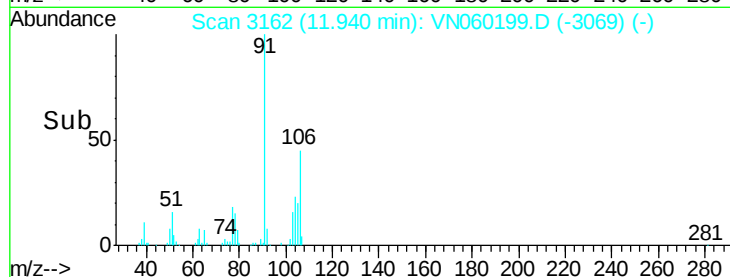
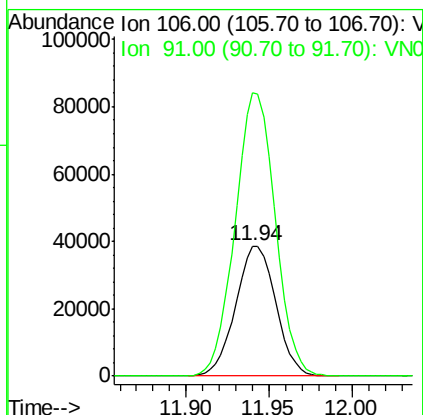
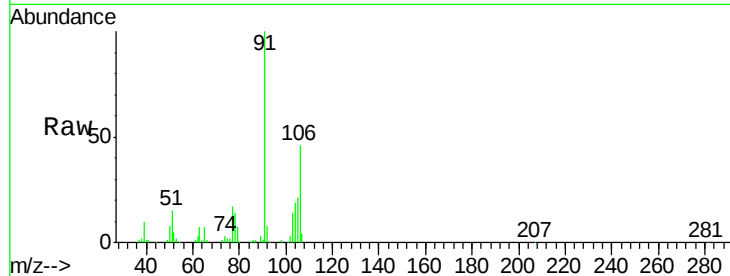
#69
o-Xylene
Concen: 18.577 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	216.9	107.2	321.6

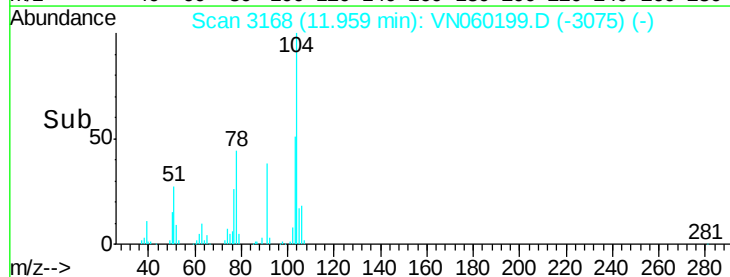
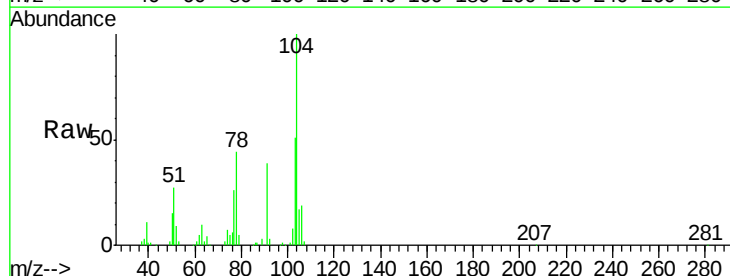
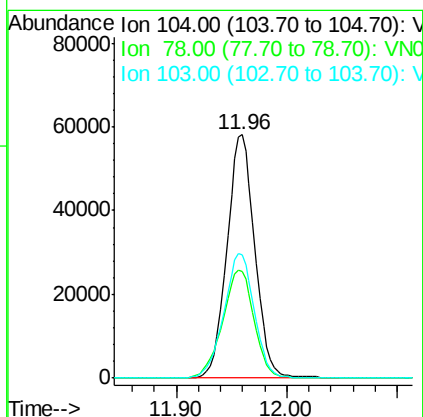
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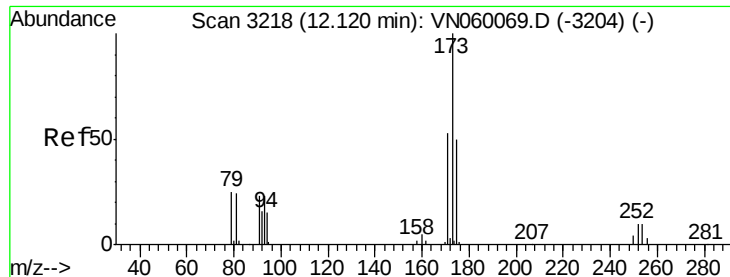
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#70
Styrene
Concen: 17.989 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	50.1	40.2	60.2
103	103	55.8	44.3	66.5





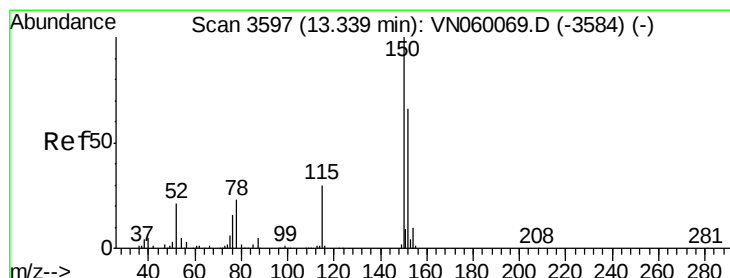
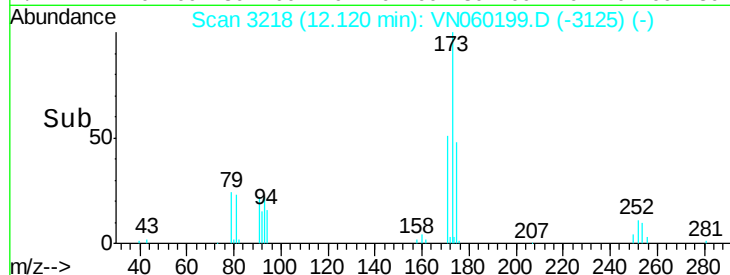
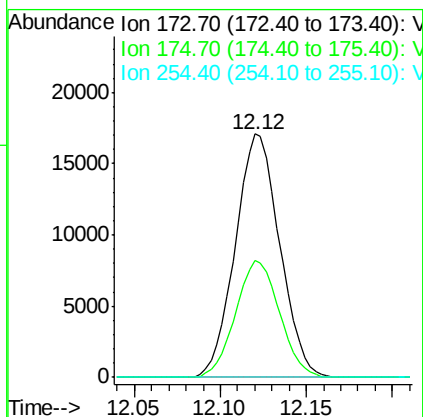
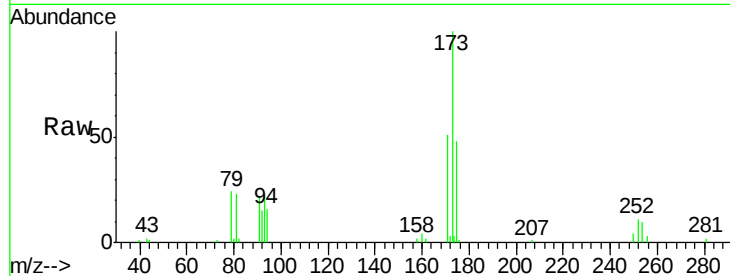
#71
Bromoform
Concen: 18.690 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.3	24.9	74.6
254	0.0	0.0	0.0

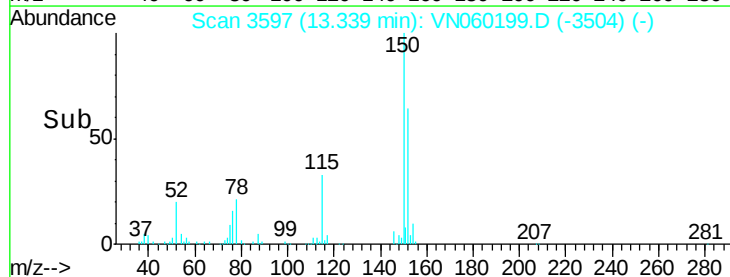
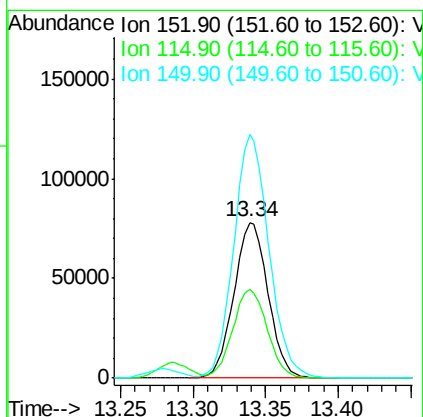
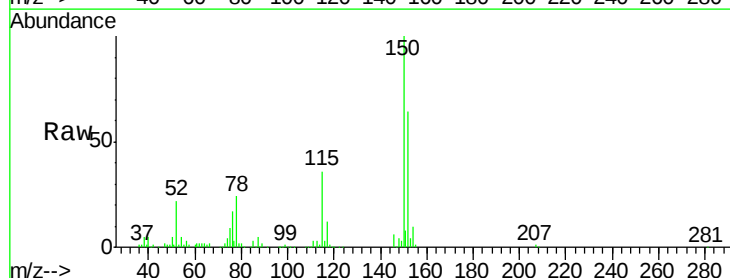
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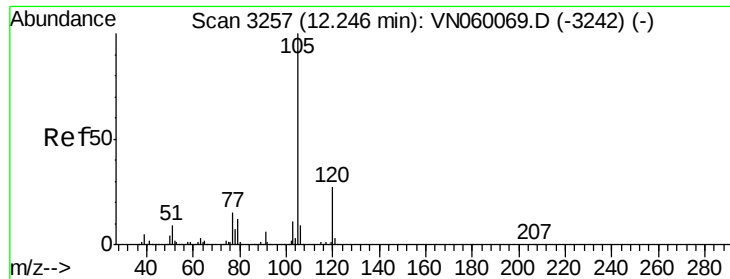
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.8	28.9	86.8
150	161.3	0.0	342.4





#73

Isopropylbenzene

Concen: 18.734 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBS01

Tot Ion: 105 Resp: 178098

Ion Ratio Lower Upper

105 100

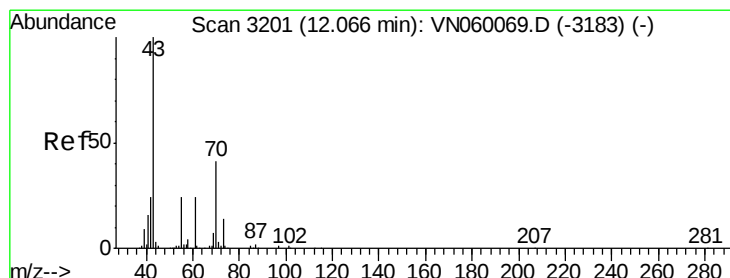
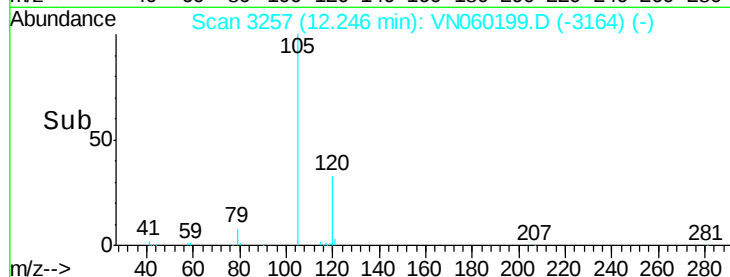
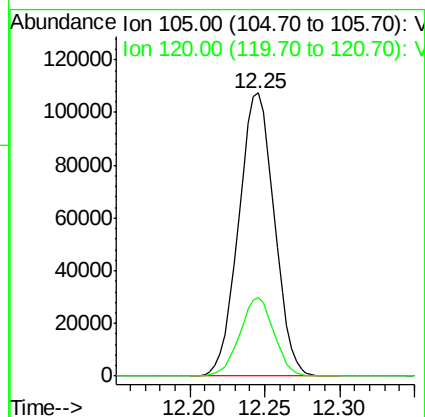
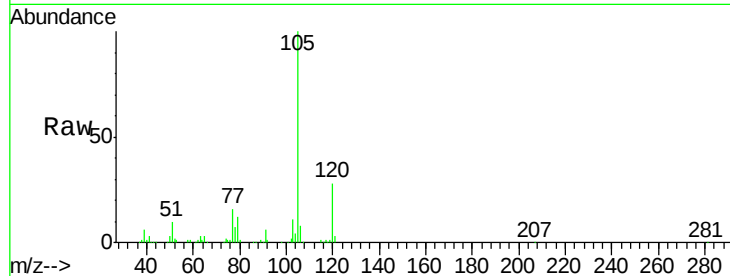
120 26.5 13.3 39.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 17.844 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Tgt Ion: 43 Resp: 61172

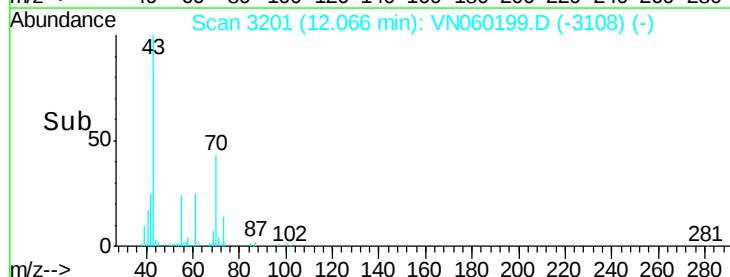
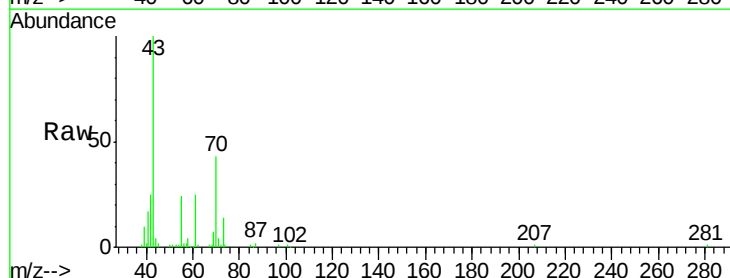
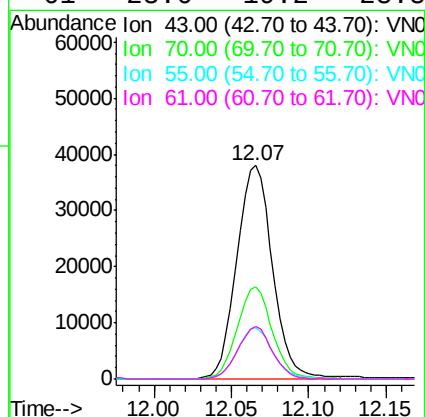
Ion Ratio Lower Upper

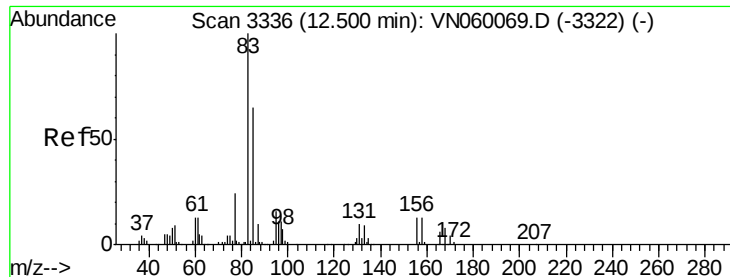
43 100

70 42.3 33.4 50.0

55 23.9 18.8 28.2

61 23.6 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 18.734 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Instrument :

MSVOA_N

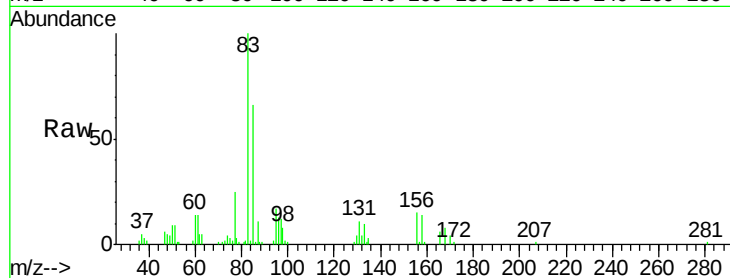
ClientSampleId :

VN0224WBS01

Tot Ion:	83	Resp:	51263
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.2	15.6
85	64.1	32.3	96.9

Manual Integrations
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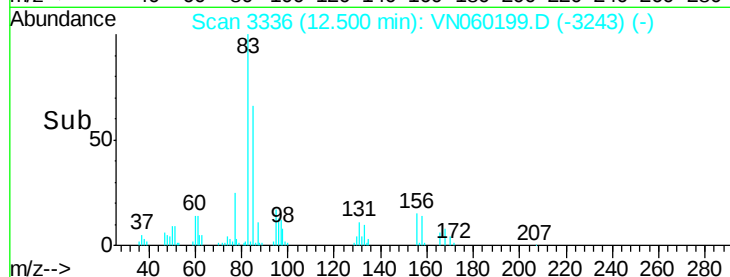
Abundance Ion 82.90 (82.60 to 83.60): VN060199.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060199.D (-3243) (-)

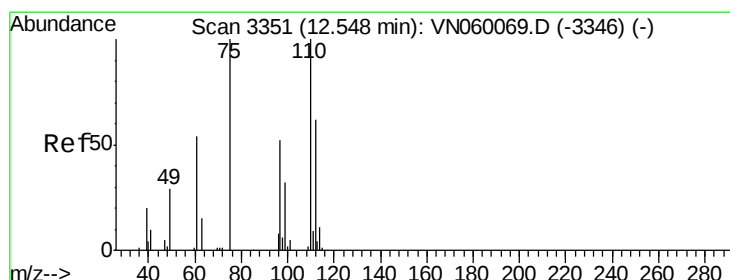
Ion 84.90 (84.60 to 85.60): VN060199.D (-3243) (-)

Time-->

12.50



Time-->



#76

1,2,3-Trichloropropane

Concen: 19.357 ug/l m

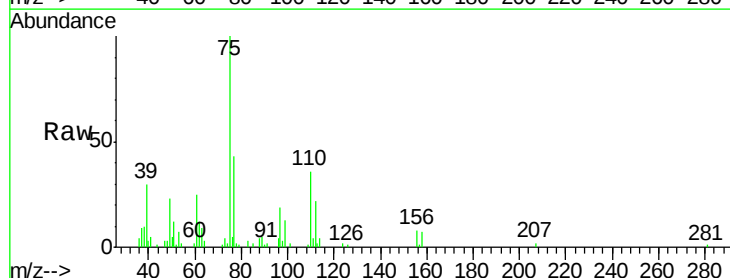
RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Tgt Ion:	75	Resp:	47147
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

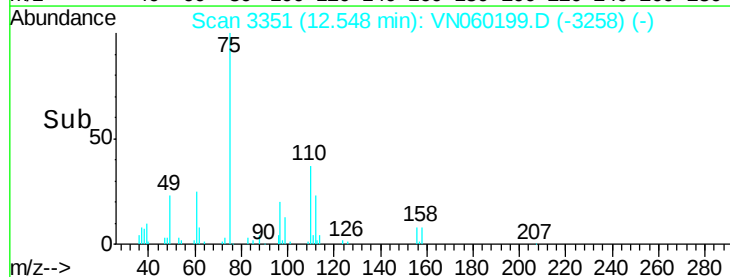


Abundance Ion 74.90 (74.60 to 75.60): VN060199.D (-3258) (-)

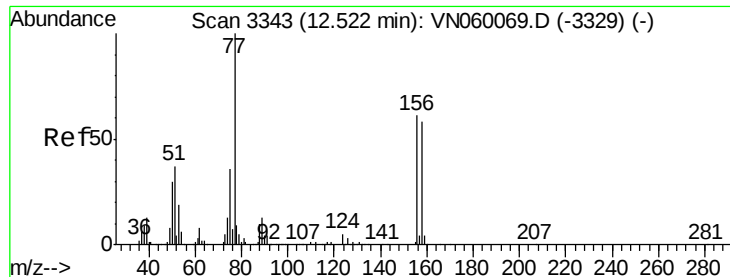
Ion 77.00 (76.70 to 77.70): VN060199.D (-3258) (-)

Time-->

12.55



Time-->



#77

Bromobenzene

Concen: 18.954 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Instrument :

MSVOA_N

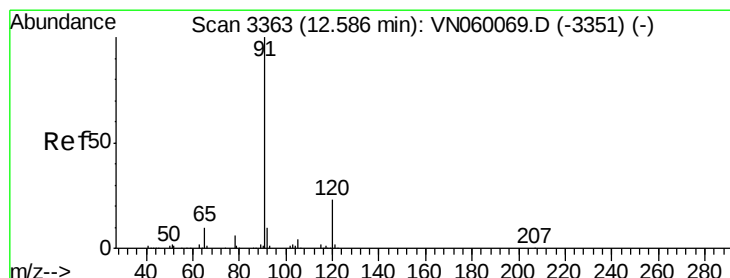
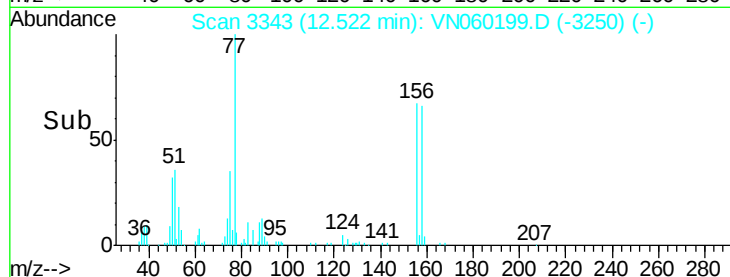
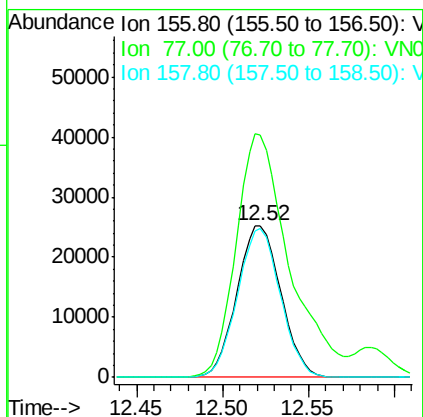
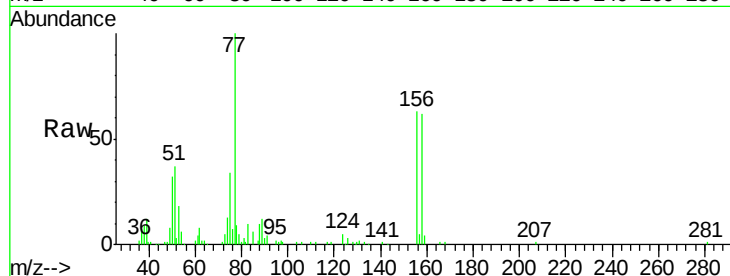
ClientSampleId :

VN0224WBS01

Tot Ion:	156	Resp:	44718
Ion	Ratio	Lower	Upper
156	100		
77	195.5	98.7	296.1
158	95.8	48.1	144.4

Manual Integrations
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#78

n-propylbenzene

Concen: 18.491 ug/l

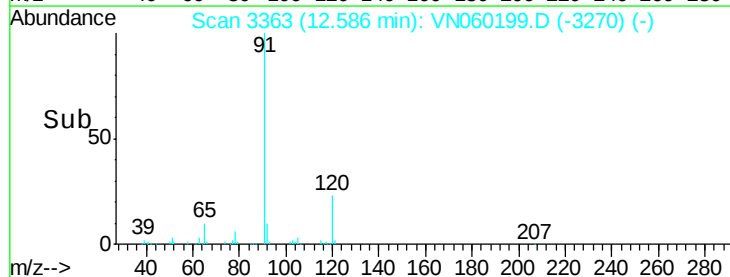
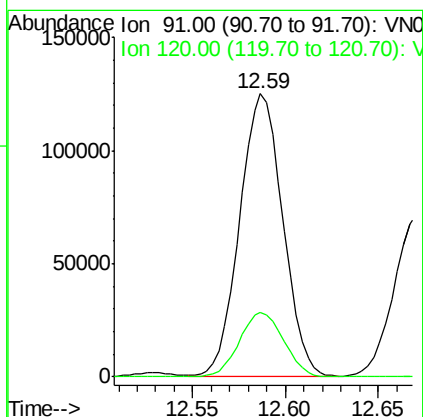
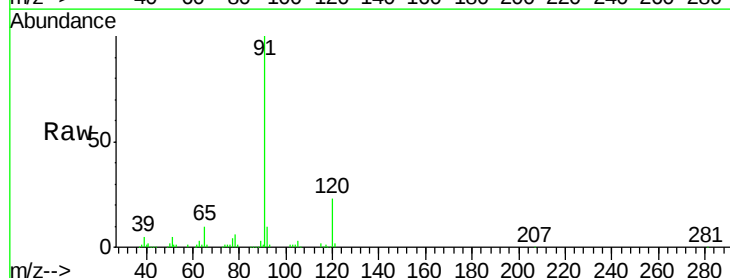
RT: 12.59 min Scan# 3363

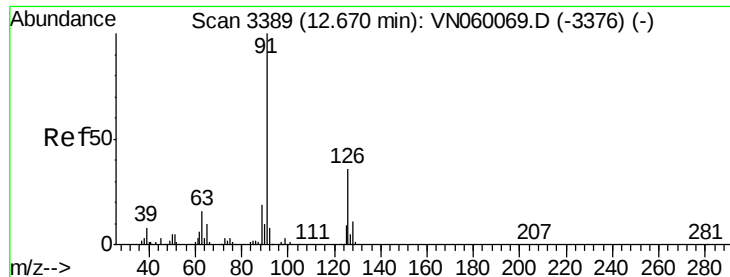
Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Tgt Ion:	91	Resp:	200280
Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.5	34.5





#79

2-Chlorotoluene

Concen: 18.271 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Instrument :

MSVOA_N

ClientSampled :

VN0224WBS01

Tot Ion: 91 Resp: 116320

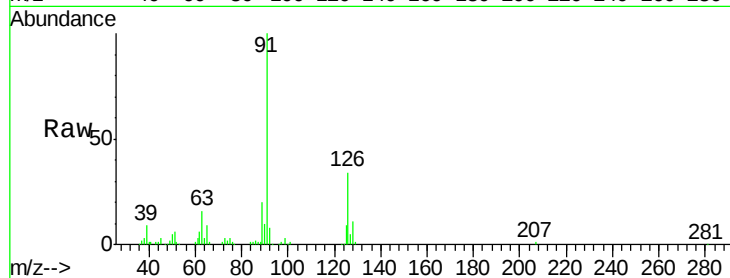
Ion Ratio Lower Upper

91 100

126 34.6 17.4 52.2

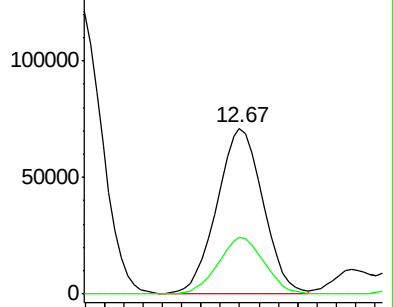
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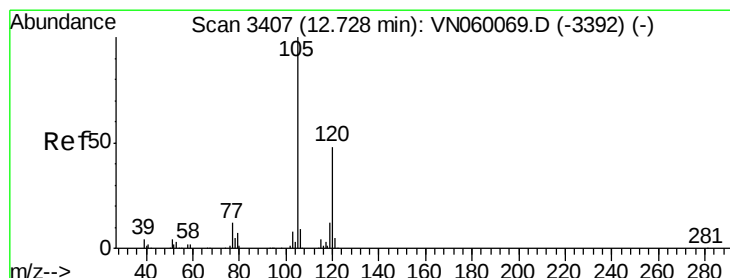
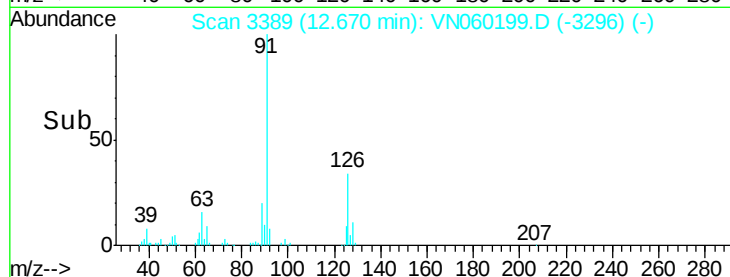


Abundance Ion 91.00 (90.70 to 91.70): VN060069.D (-3376) (-)

Ion 125.90 (125.60 to 126.60): VN060069.D (-3376) (-)



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.889 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060199.D

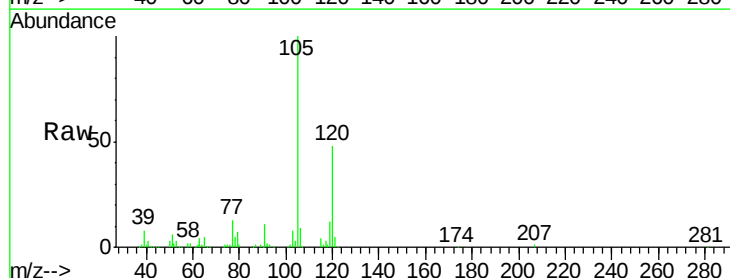
Acq: 24 Feb 2020 10:57

Tgt Ion: 105 Resp: 149305

Ion Ratio Lower Upper

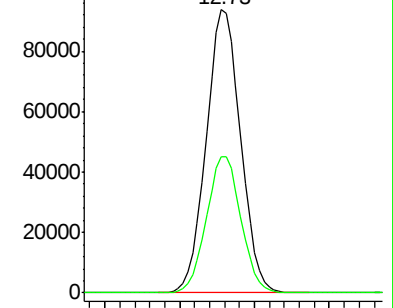
105 100

120 48.3 24.3 72.9

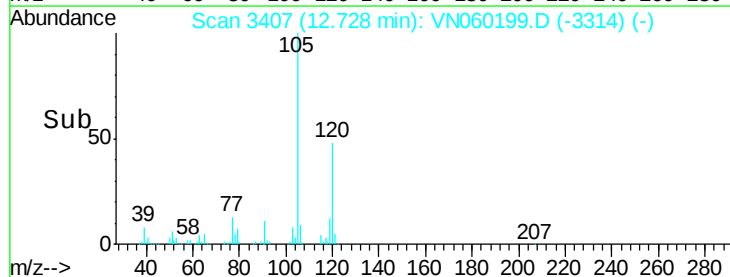


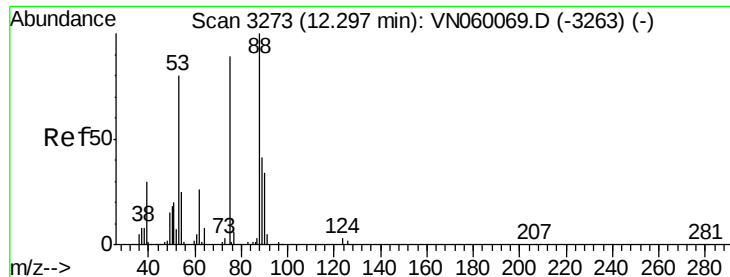
Abundance Ion 105.00 (104.70 to 105.70): VN060069.D (-3392) (-)

Ion 120.00 (119.70 to 120.70): VN060069.D (-3392) (-)



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.274 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Instrument :

MSVOA_N

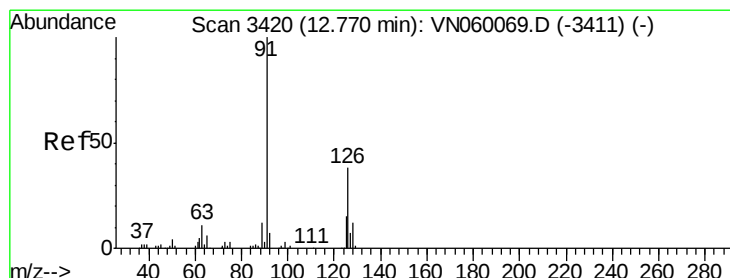
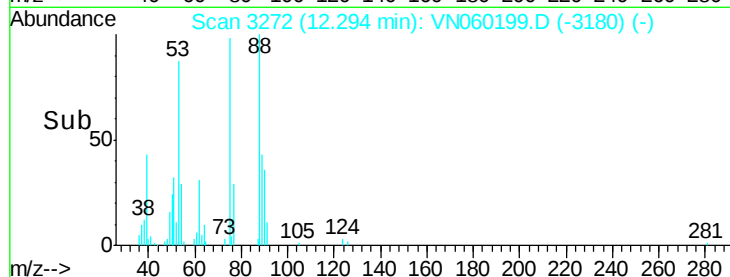
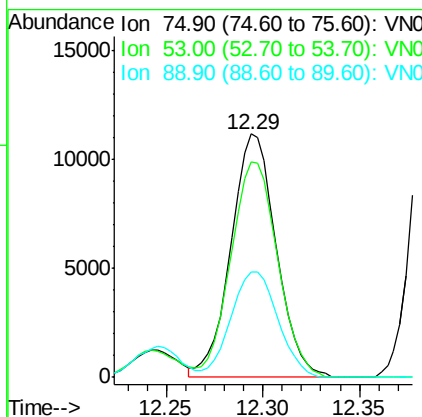
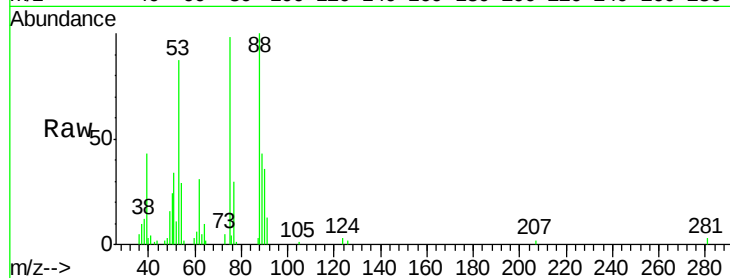
ClientSampleId :

VN0224WBS01

Tot Ion:	75	Resp:	18178
Ion Ratio	Lower	Upper	
75	100		
53	91.7	73.9	110.9
89	45.0	37.0	55.4

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#82

4-Chlorotoluene

Concen: 18.313 ug/l

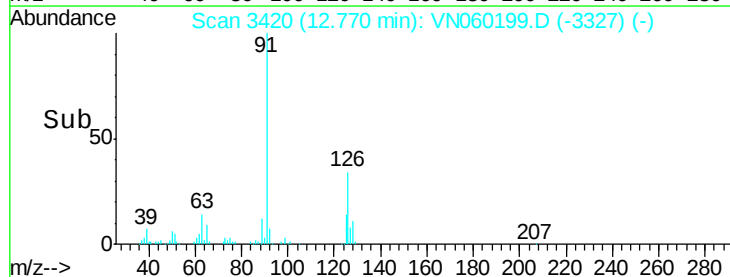
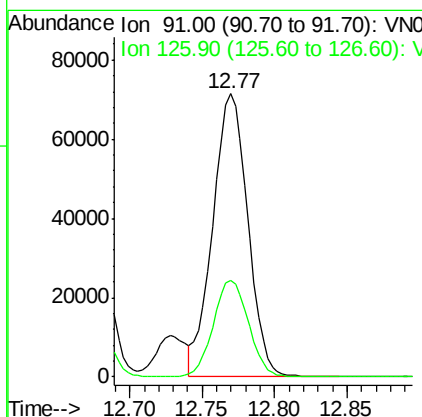
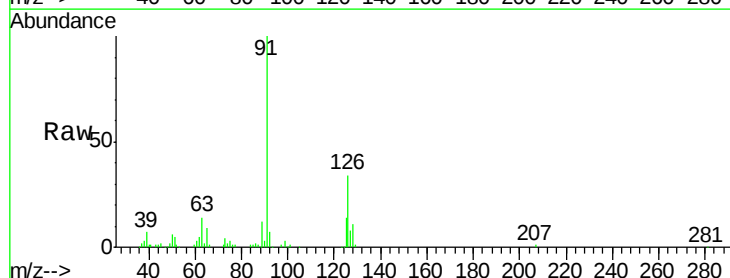
RT: 12.77 min Scan# 3420

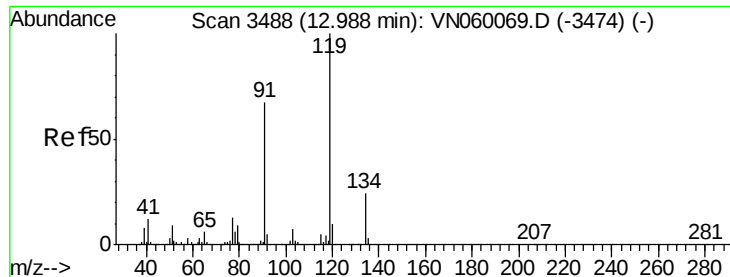
Delta R.T. -0.00 min

Lab File: VN060199.D

Acq: 24 Feb 2020 10:57

Tgt Ion:	91	Resp:	119610
Ion Ratio	Lower	Upper	
91	100		
126	34.3	17.1	51.3





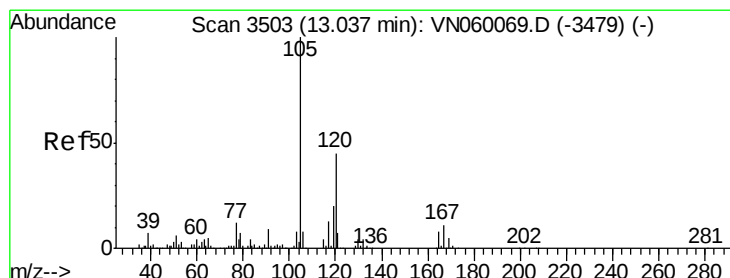
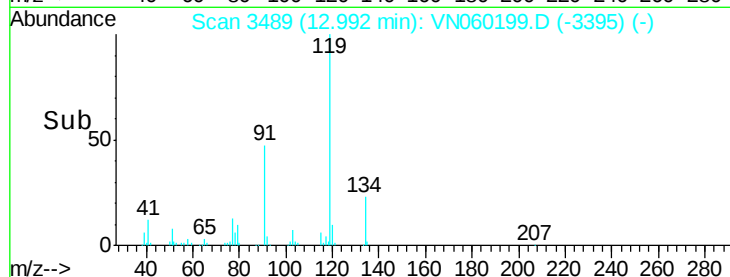
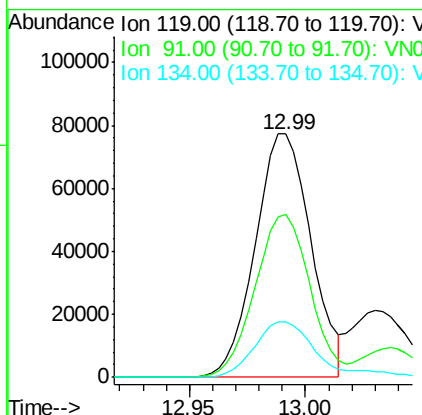
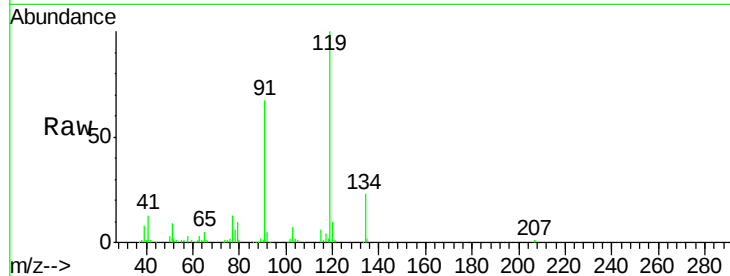
#83
tert-Butylbenzene
Concen: 18.454 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	129038		
91	66.1	32.7	98.1	
134	25.8	12.9	38.7	

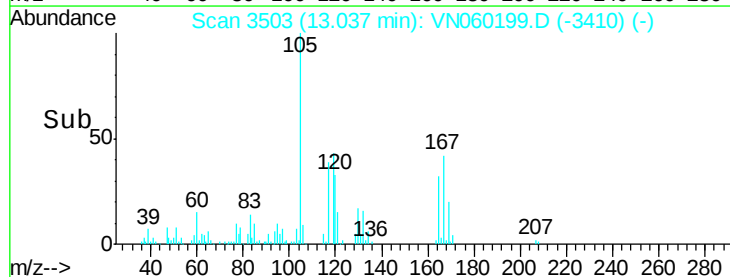
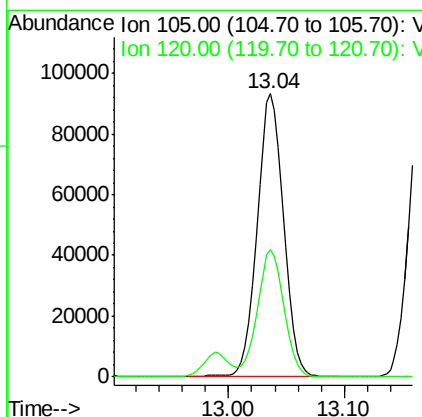
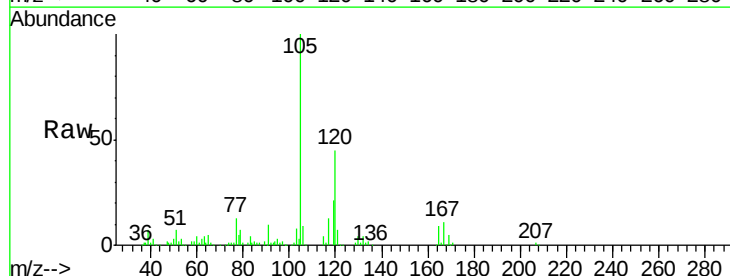
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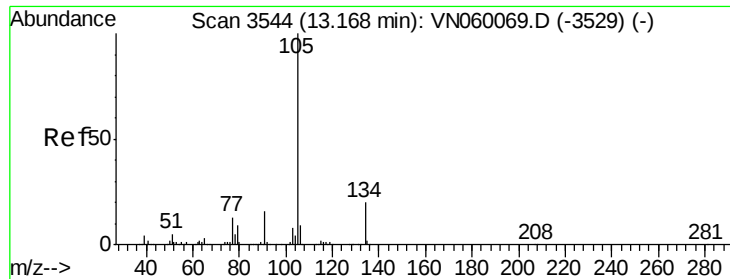
MMDadoda
2/25/2020 9:43:18 AM



#84
1,2,4-Trimethylbenzene
Concen: 19.069 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	148788		
120	44.9	22.4	67.3	





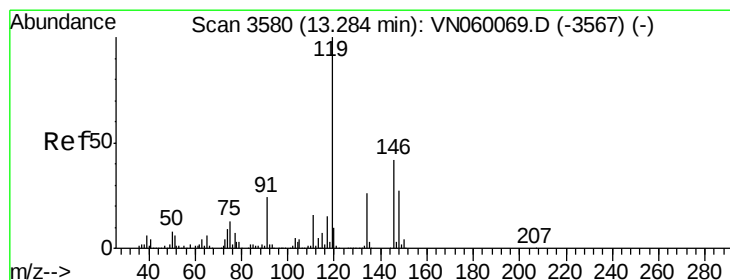
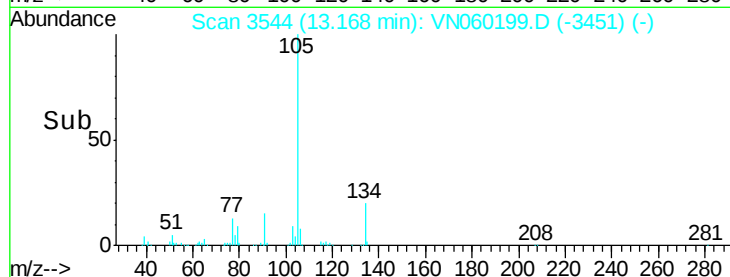
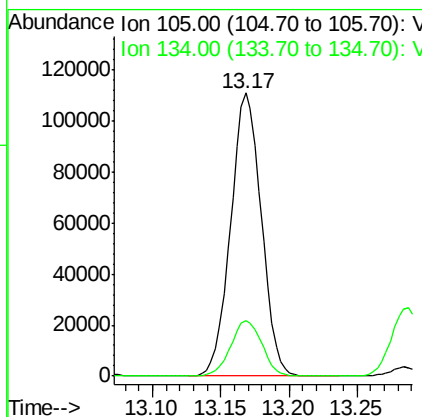
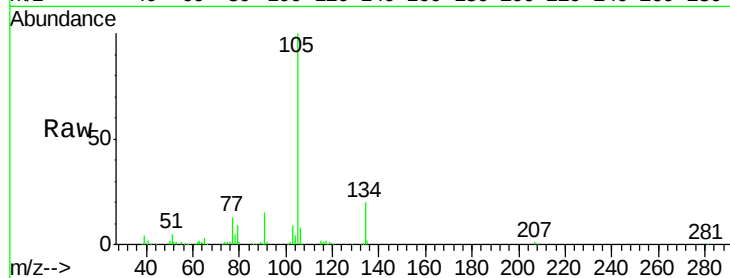
#85
 sec-Butylbenzene
 Concen: 18.683 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.0	9.9	29.7

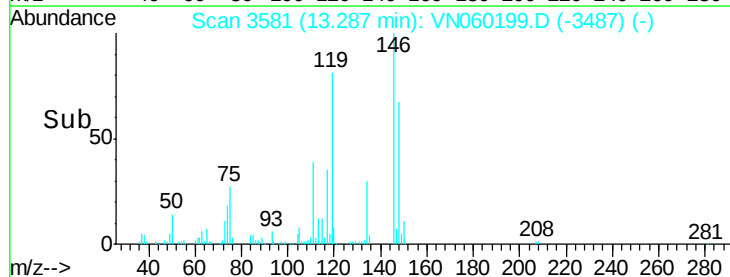
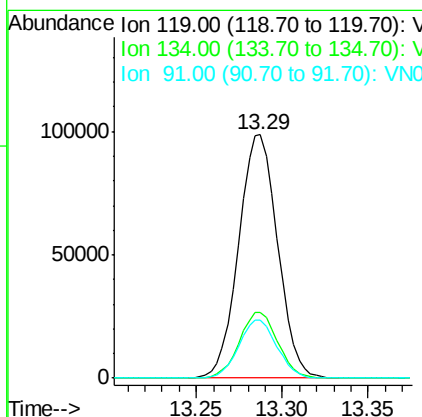
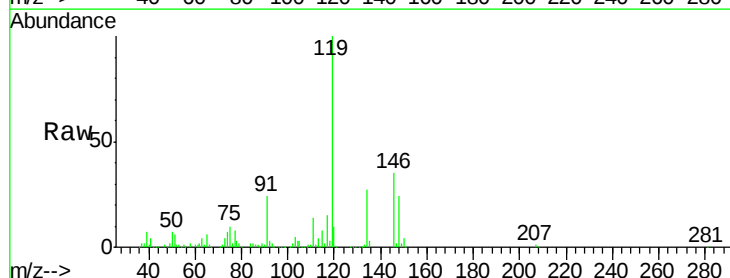
Manual Integrations
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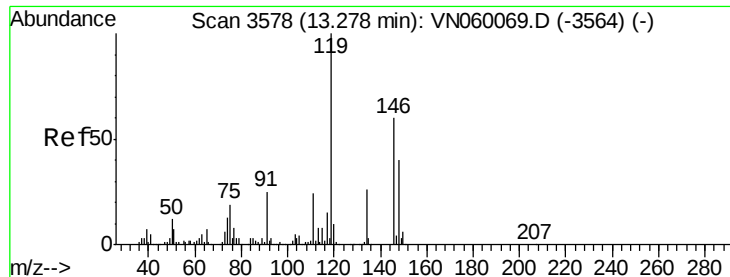
MMDadoda
 2/25/2020 9:43:18 AM



#86
 p-Isopropyltoluene
 Concen: 18.540 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.3	39.8
91	23.4	11.9	35.9





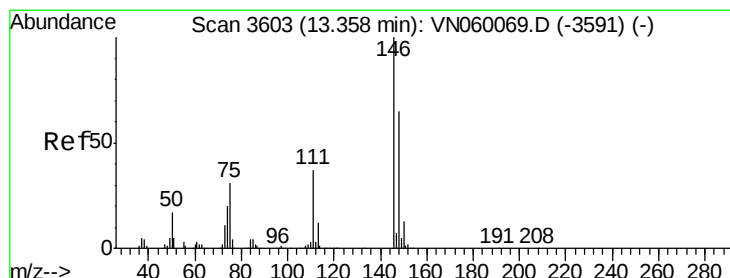
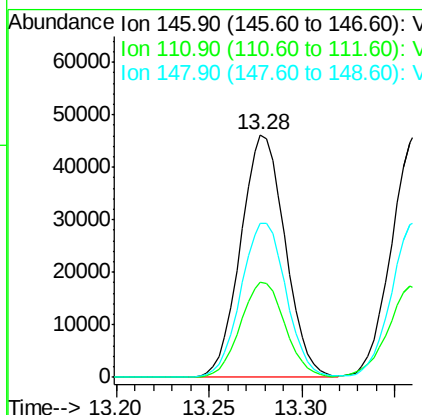
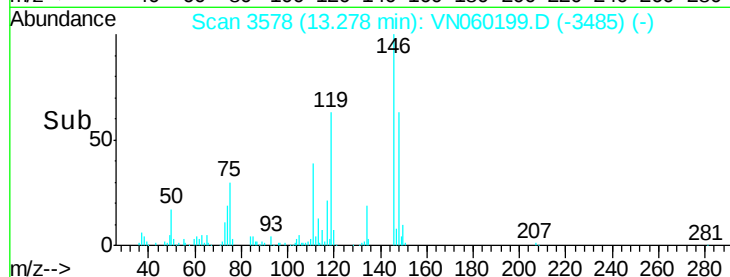
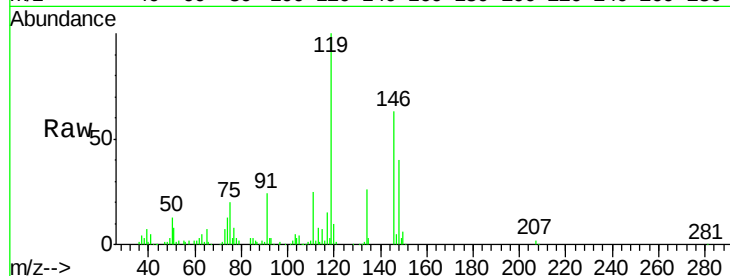
#87
 1,3-Dichlorobenzene
 Concen: 18.500 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.8	59.3
148	64.8	32.0	96.2

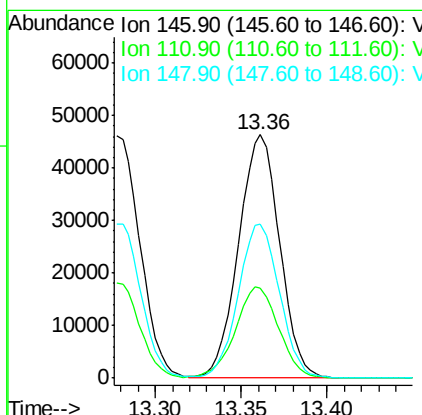
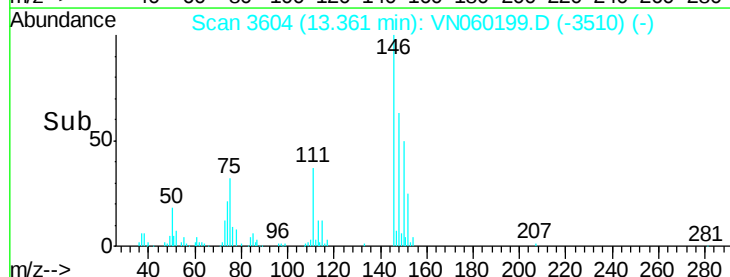
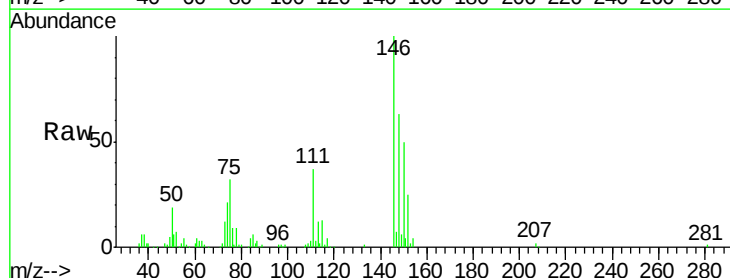
Manual Integrations
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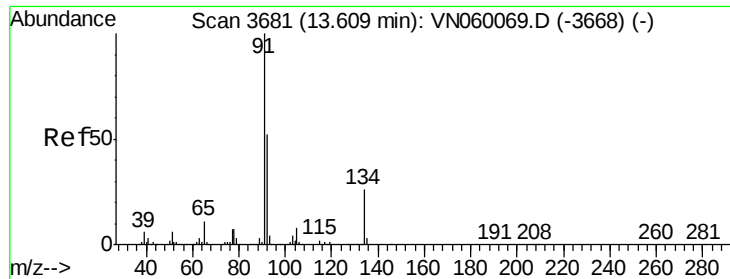
MMDadoda
 2/25/2020 9:43:18 AM



#88
 1,4-Dichlorobenzene
 Concen: 18.499 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	18.9	56.5
148	63.5	32.0	96.0





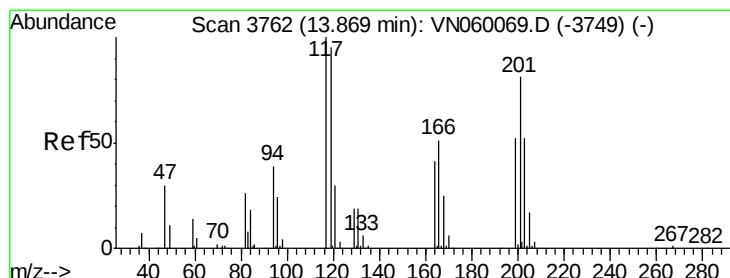
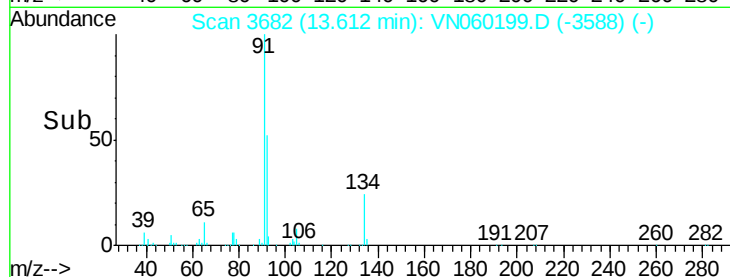
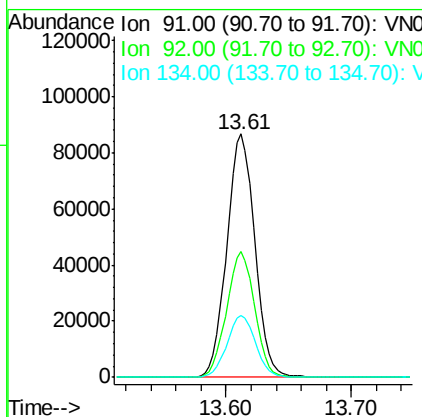
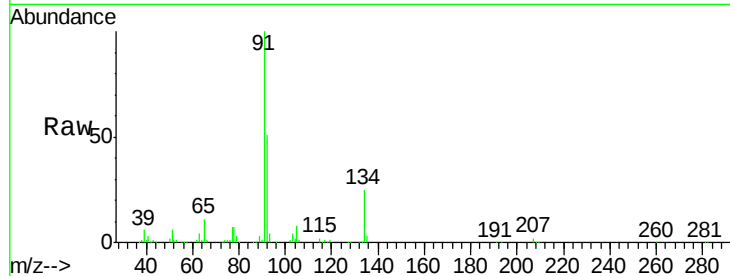
#89
n-Butylbenzene
Concen: 18.210 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.1	78.2
134	25.8	13.1	39.3

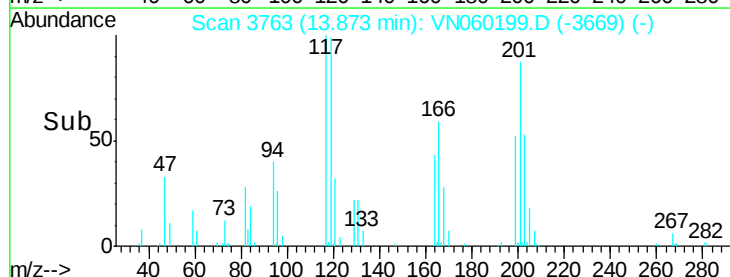
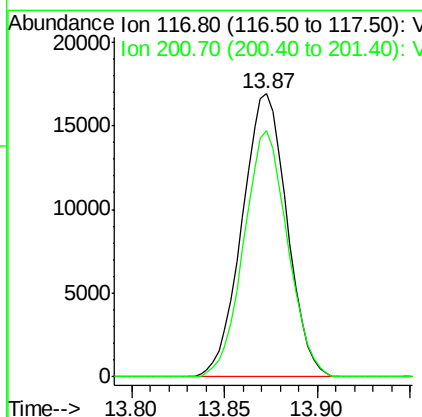
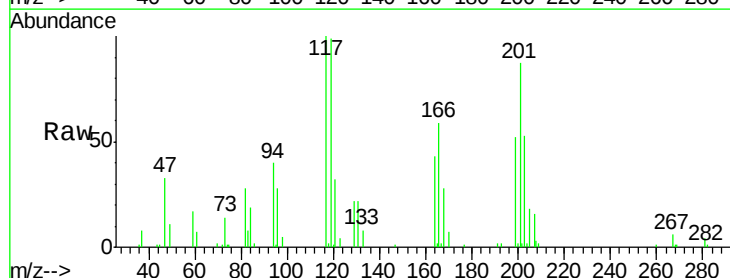
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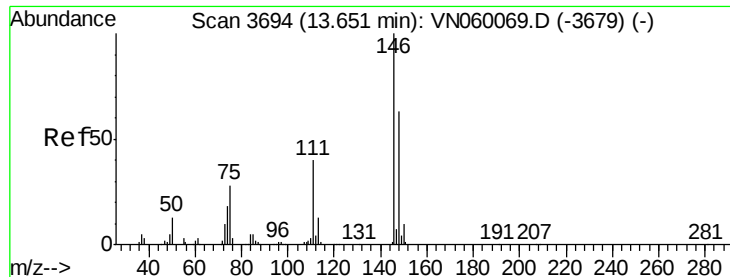
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#90
Hexachloroethane
Concen: 18.224 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.6	41.7	125.1





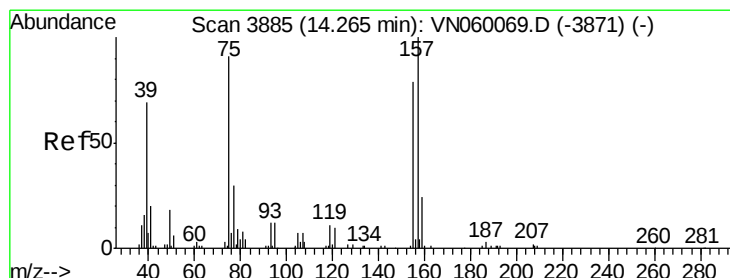
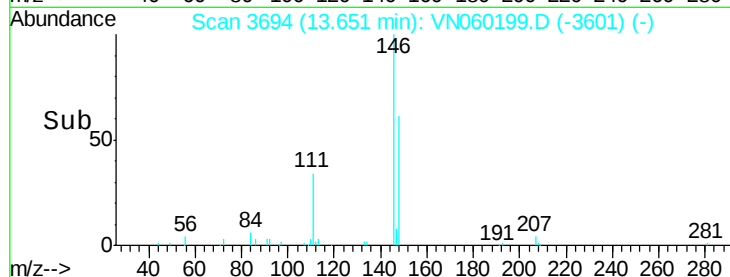
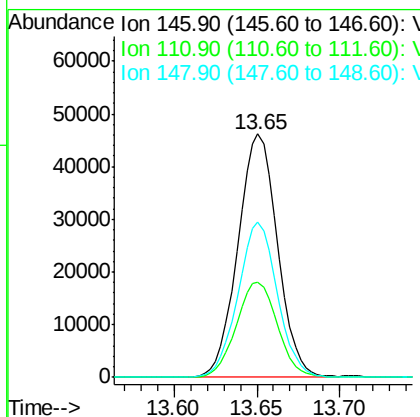
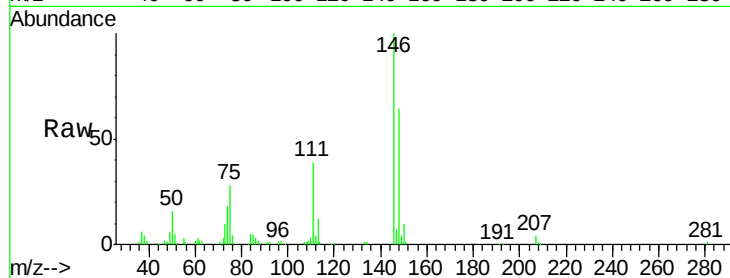
#91
 1,2-Dichlorobenzene
 Concen: 18.771 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.1	60.2
148	63.5	31.9	95.5

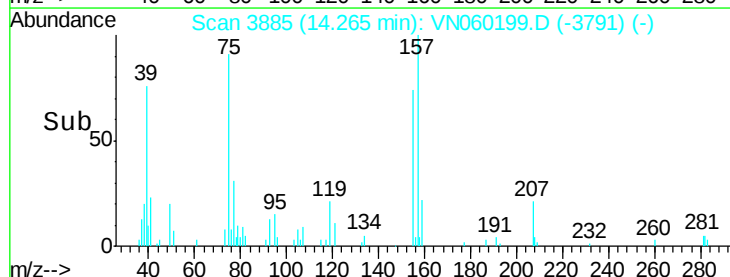
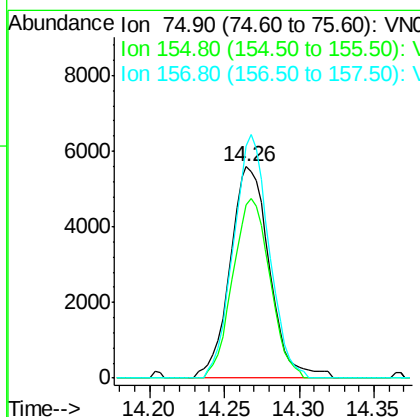
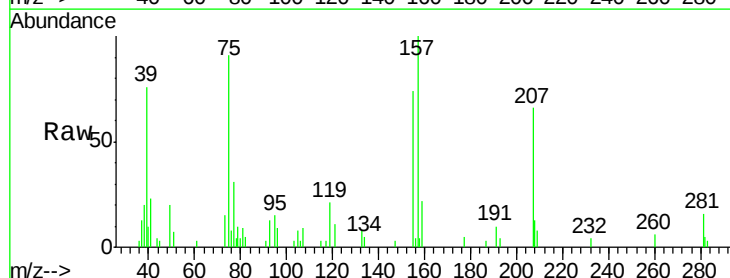
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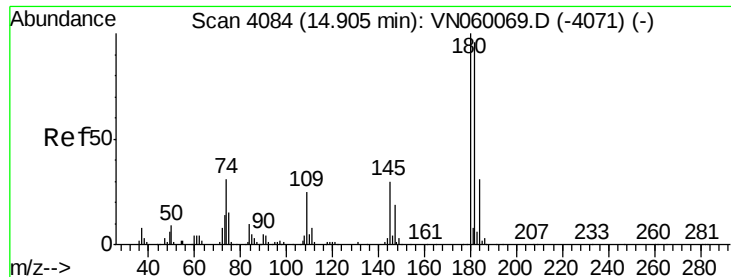
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.104 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.1	43.0	129.0
157	103.8	54.9	164.5





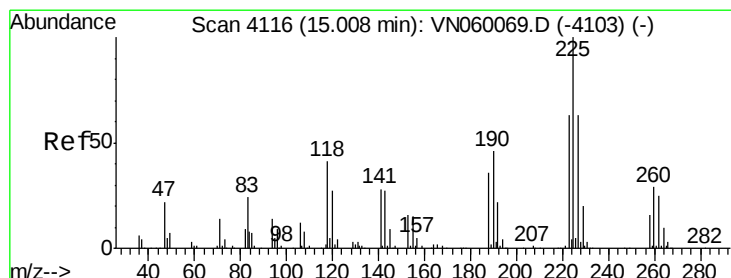
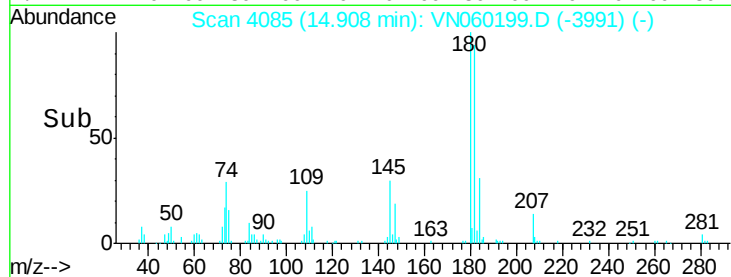
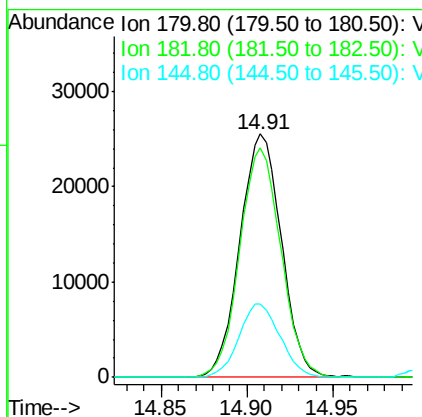
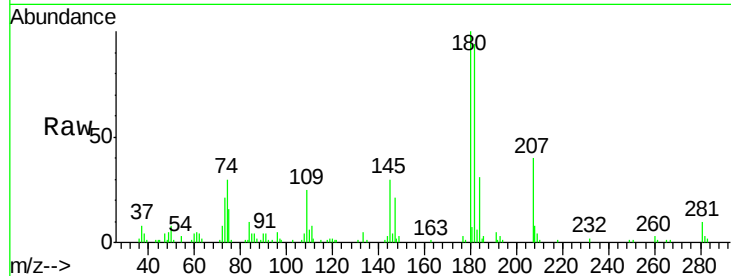
#93
 1,2,4-Trichlorobenzene
 Concen: 17.879 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	42934		
182	93.4	47.9	143.8	
145	29.7	15.2	45.5	

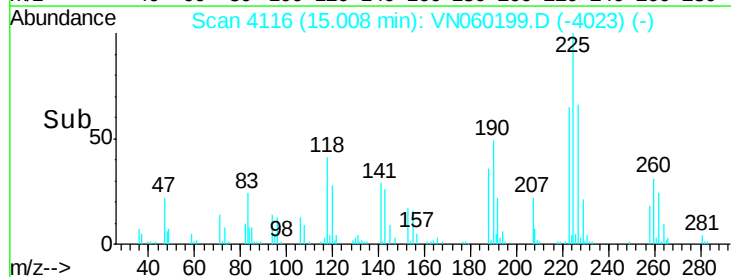
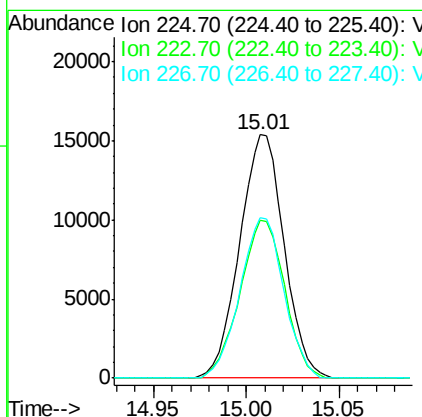
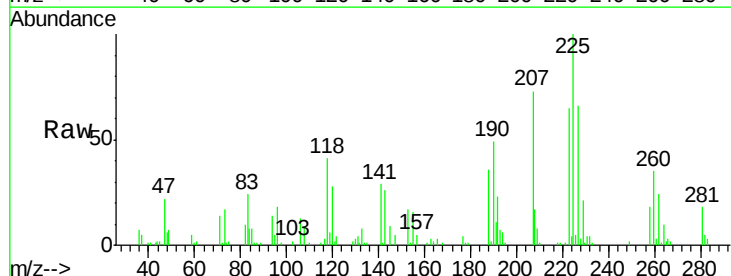
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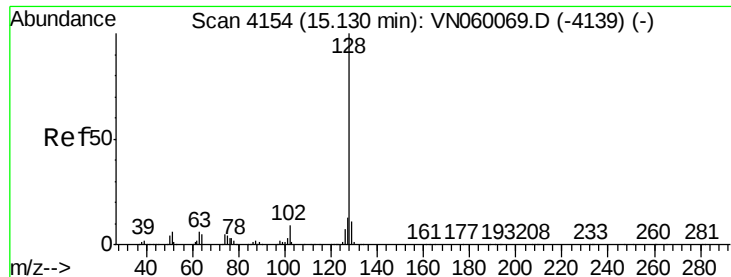
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#94
 Hexachlorobutadiene
 Concen: 18.247 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060199.D
 Acq: 24 Feb 2020 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	25653		
223	65.2	31.5	94.5	
227	65.0	31.8	95.4	





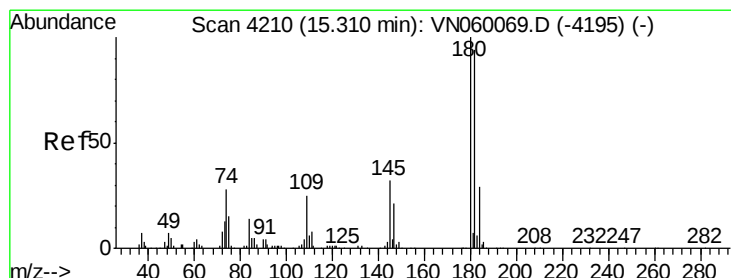
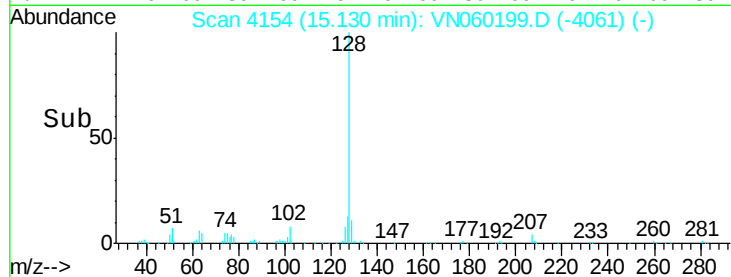
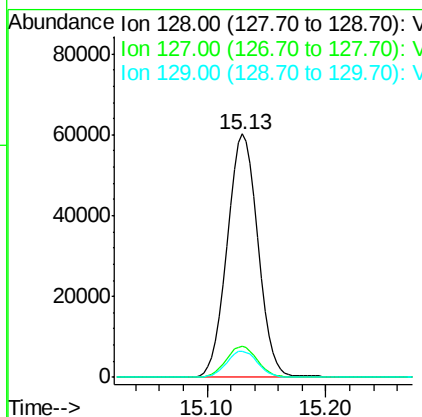
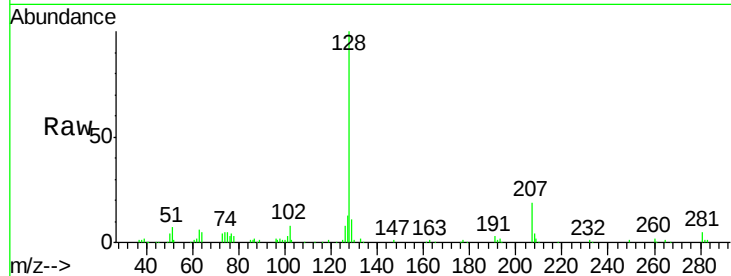
#95
Naphthalene
Concen: 16.630 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.7	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 18.017 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060199.D
Acq: 24 Feb 2020 10:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.5	142.5
145	31.8	16.1	48.3

