

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021120\
 Data File : VN060055.D
 Acq On : 11 Feb 2020 11:05
 Operator : JC/MD
 Sample : VN0211WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0211WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/12/2020 3:03:04 PM

Quant Time: Feb 12 04:30:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	178927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	278981	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	254527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	123392	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	108826	54.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.54%	
35) Dibromofluoromethane	7.57	113	89750	53.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.90%	
50) Toluene-d8	10.08	98	330540	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
62) 4-Bromofluorobenzene	12.40	95	123920	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	33552	15.545	ug/l	99
3) Chloromethane	2.04	50	35128	17.148	ug/l	99
4) Vinyl Chloride	2.17	62	45941	19.601	ug/l	98
5) Bromomethane	2.55	94	27433	19.179	ug/l	98
6) Chloroethane	2.69	64	21436	19.331	ug/l	98
7) Trichlorofluoromethane	3.00	101	55813	19.828	ug/l	100
8) Diethyl Ether	3.38	74	21016	21.275	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	3.74	101	33352	21.289	ug/l	93
10) Methyl Iodide	3.93	142	39039	15.417	ug/l	97
11) Tert butyl alcohol	4.73	59	33874	101.266	ug/l	97
12) 1,1-Dichloroethene	3.72	96	30631	18.712	ug/l	89
13) Acrolein	3.58	56	19925	84.146	ug/l	97
14) Allyl chloride	4.30	41	50031	22.675	ug/l	94
15) Acrylonitrile	4.95	53	83748	109.756	ug/l	98
16) Acetone	3.78	43	86943	123.211	ug/l	96
17) Carbon Disulfide	4.03	76	68237	14.633	ug/l	97
18) Methyl Acetate	4.29	43	52380	22.568	ug/l	93
19) Methyl tert-butyl Ether	5.00	73	117674	22.047	ug/l	94
20) Methylene Chloride	4.52	84	37077	19.844	ug/l	88
21) trans-1,2-Dichloroethene	5.01	96	33493	19.248	ug/l	85
22) Diisopropyl ether	5.91	45	110869	22.173	ug/l #	89
23) Vinyl Acetate	5.86	43	414298	107.014	ug/l	96
24) 1,1-Dichloroethane	5.81	63	65931	21.579	ug/l	99
25) 2-Butanone	6.80	43	116572	103.597	ug/l	92
26) 2,2-Dichloropropane	6.80	77	62530	21.288	ug/l	97
27) cis-1,2-Dichloroethene	6.80	96	42241	21.105	ug/l	90
28) Bromochloromethane	7.17	49	27523	22.539	ug/l #	77
29) Tetrahydrofuran	7.18	42	72762	104.512	ug/l	91
30) Chloroform	7.35	83	71267	22.513	ug/l	96
31) Cyclohexane	7.63	56	53162	18.083	ug/l #	85
32) 1,1,1-Trichloroethane	7.55	97	63029	21.534	ug/l	96
36) 1,1-Dichloropropene	7.77	75	47691	19.630	ug/l	96
37) Ethyl Acetate	6.89	43	46455	20.387	ug/l	96
38) Carbon Tetrachloride	7.75	117	54221	20.517	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	56490	18.858	ug/l	93
40) Benzene	8.02	78	147797	20.398	ug/l	99
41) Methacrylonitrile	7.14	41	19209m	17.115	ug/l	
42) 1,2-Dichloroethane	8.10	62	55023	22.398	ug/l	99
43) Isopropyl Acetate	8.14	43	82752	21.114	ug/l	92
44) Trichloroethene	8.82	130	40987	20.722	ug/l	97
45) 1,2-Dichloropropane	9.10	63	39975	22.296	ug/l	99
46) Dibromomethane	9.19	93	27854	22.024	ug/l	94
47) Bromodichloromethane	9.39	83	57010	22.369	ug/l	96
48) Methyl methacrylate	9.18	41	35166	20.059	ug/l	91
49) 1,4-Dioxane	9.18	88	13743	428.223	ug/l	92
51) 4-Methyl-2-Pentanone	9.97	43	243440	107.448	ug/l	97
52) Toluene	10.14	92	95419	20.849	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	62647	22.014	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	65399	21.841	ug/l	97
55) 1,1,2-Trichloroethane	10.55	97	40311	22.239	ug/l	98
56) Ethyl methacrylate	10.42	69	55641	20.089	ug/l	94
57) 1,3-Dichloropropane	10.70	76	64566	22.436	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	105425	126.373	ug/l	93
59) 2-Hexanone	10.74	43	177649	106.433	ug/l	95
60) Dibromochloromethane	10.89	129	45852	22.214	ug/l	100
61) 1,2-Dibromoethane	10.99	107	41070	21.618	ug/l	98
64) Tetrachloroethene	10.62	164	41207	19.864	ug/l	96
65) Chlorobenzene	11.43	112	105411	21.070	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	42178	21.819	ug/l	97
67) Ethyl Benzene	11.51	91	187556	20.652	ug/l	97
68) m/p-Xylenes	11.62	106	139882	40.776	ug/l	96
69) o-Xylene	11.94	106	67725	20.165	ug/l	100
70) Styrene	11.96	104	108356	19.281	ug/l	97
71) Bromoform	12.12	173	32719	21.130	ug/l #	96
73) Isopropylbenzene	12.25	105	189382	20.927	ug/l	99
74) N-amyl acetate	12.07	43	68480	19.502	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	56502	21.537	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	48607m	23.407	ug/l	
77) Bromobenzene	12.52	156	46672	20.366	ug/l	86
78) n-propylbenzene	12.59	91	210577	20.732	ug/l	98
79) 2-Chlorotoluene	12.67	91	125394	20.752	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	157874	20.744	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	19479	20.144	ug/l	94
82) 4-Chlorotoluene	12.77	91	127330	21.009	ug/l	97
83) tert-Butylbenzene	12.99	119	139687	21.222	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	154998	20.586	ug/l	98
85) sec-Butylbenzene	13.17	105	184204	21.300	ug/l	100
86) p-Isopropyltoluene	13.29	119	165220	20.647	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	82050	20.612	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	81996	20.648	ug/l	98
89) n-Butylbenzene	13.61	91	142651	20.908	ug/l	99
90) Hexachloroethane	13.87	117	31260	20.879	ug/l	92
91) 1,2-Dichlorobenzene	13.65	146	81727	20.767	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.26	75	11808	19.704	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	47773	20.202	ug/l	97
94) Hexachlorobutadiene	15.01	225	27971	21.465	ug/l	99
95) Naphthalene	15.13	128	129077	19.190	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	47887	20.805	ug/l	99

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

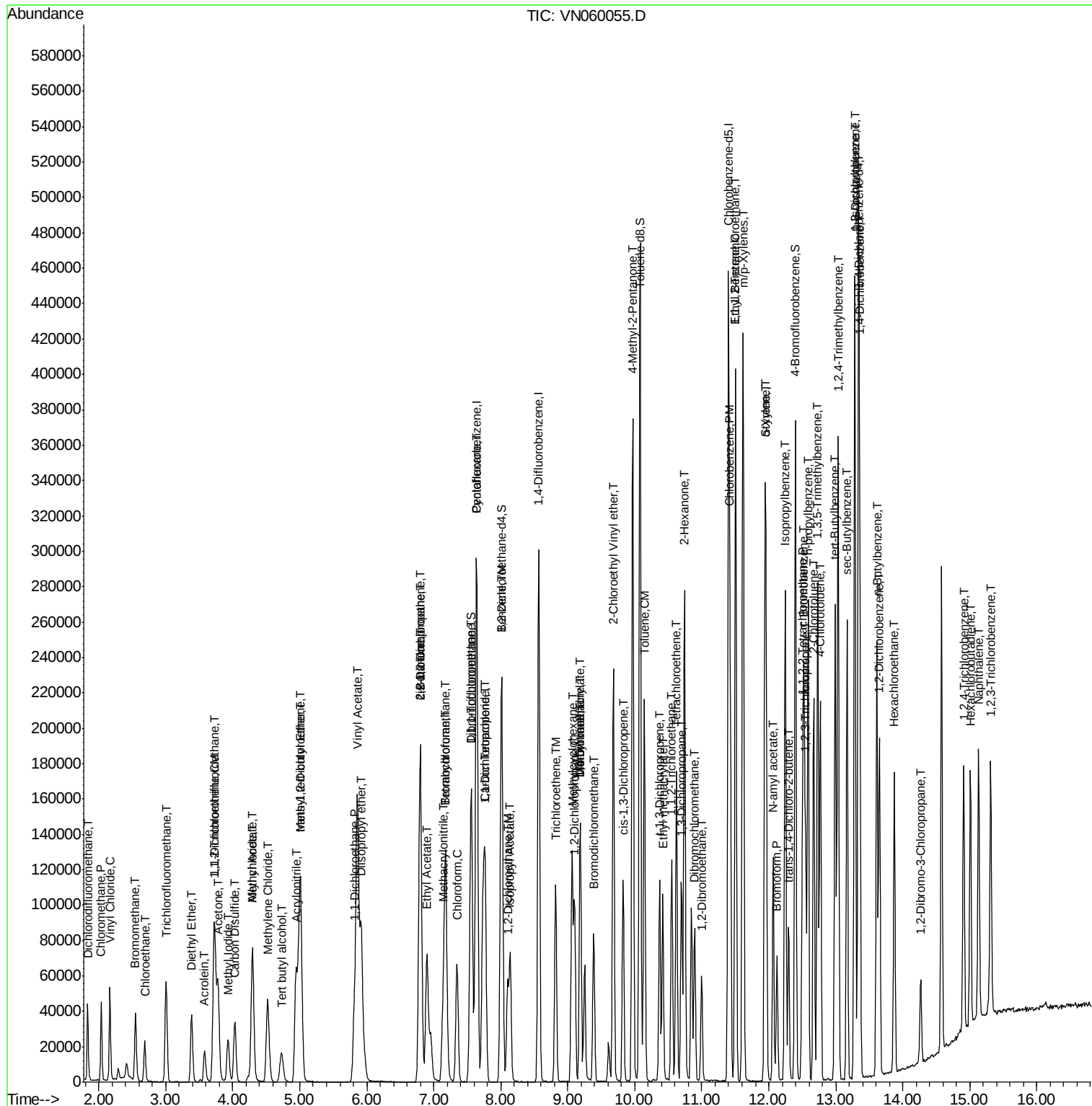
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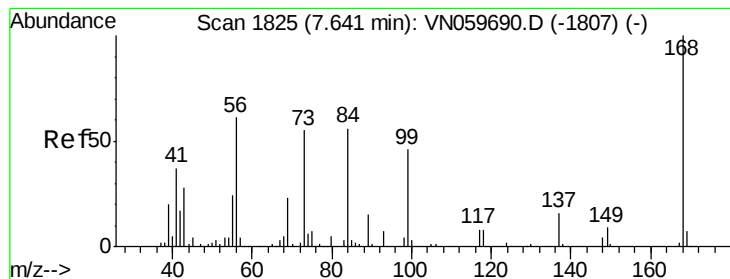
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN060055.D

Acq: 11 Feb 2020 11:05

Instrument :

MSVOA_N

ClientSampleId :

VN0211WBS01

Tot Ion:168 Resp: 178927

Ion Ratio Lower Upper

168 100

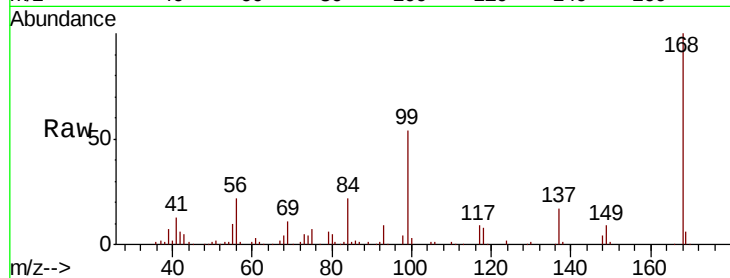
99 54.1 48.2 72.4

Manual Integrations

APPROVED

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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

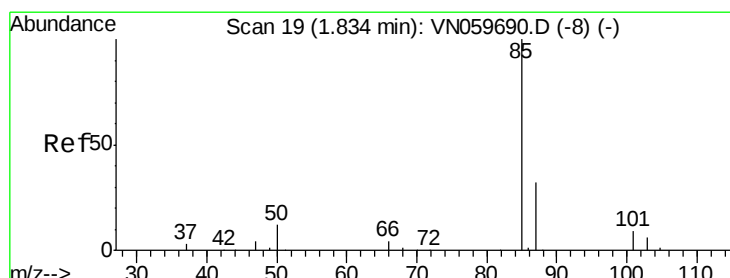
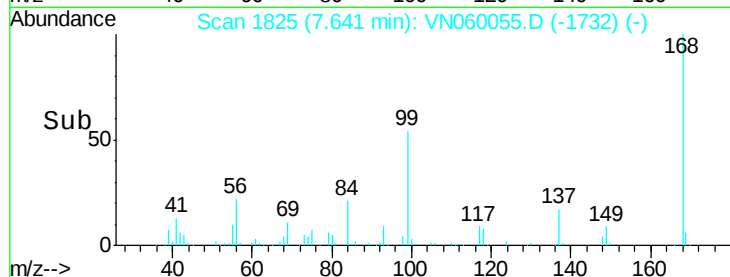
20000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 15.545 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060055.D

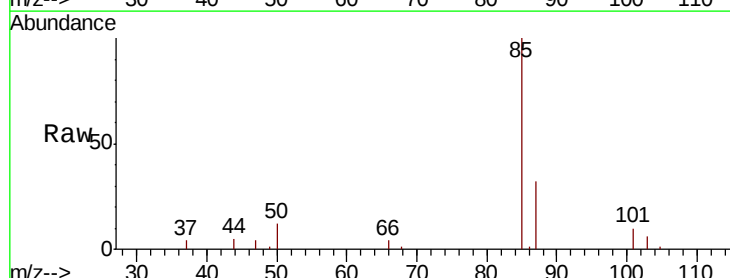
Acq: 11 Feb 2020 11:05

Tgt Ion: 85 Resp: 33552

Ion Ratio Lower Upper

85 100

87 32.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

25000

20000

15000

10000

5000

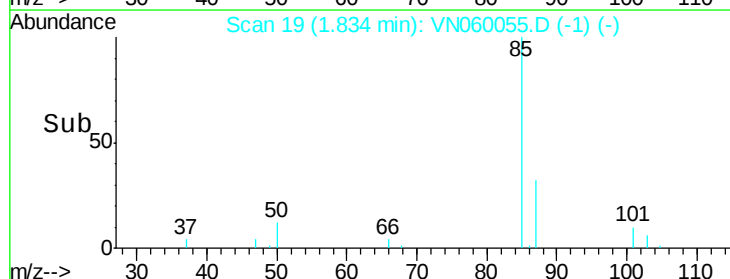
0

1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 17.148 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060055.D

Acq: 11 Feb 2020 11:05

Instrument :

MSVOA_N

ClientSampleId :

VN0211WBS01

Tot Ion: 50 Resp: 35128

Ion Ratio Lower Upper

50 100

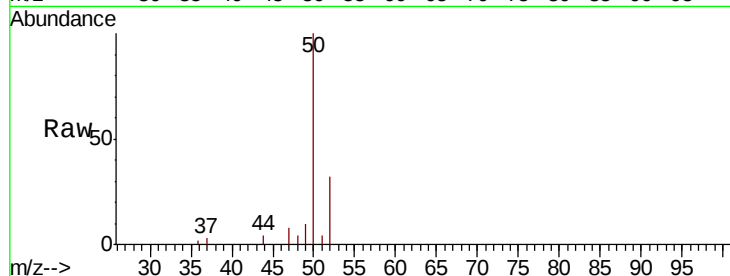
52 31.6 25.9 38.9

Manual Integrations

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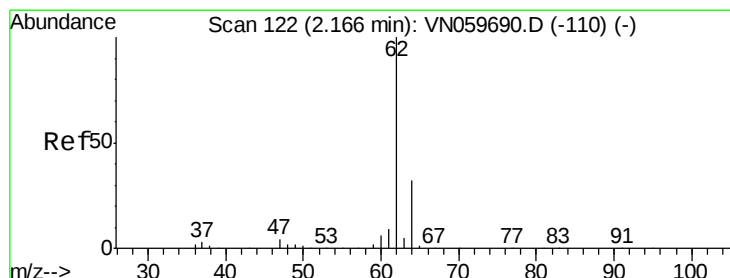
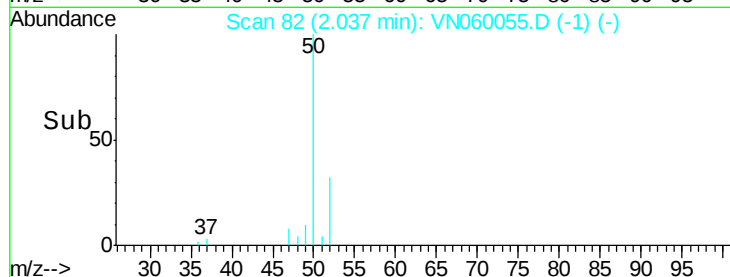
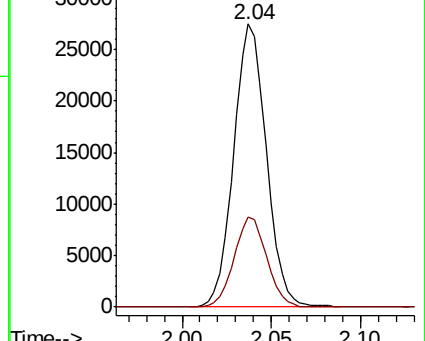
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 19.601 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN060055.D

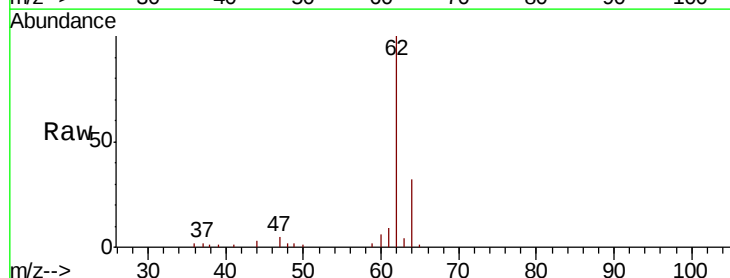
Acq: 11 Feb 2020 11:05

Tgt Ion: 62 Resp: 45941

Ion Ratio Lower Upper

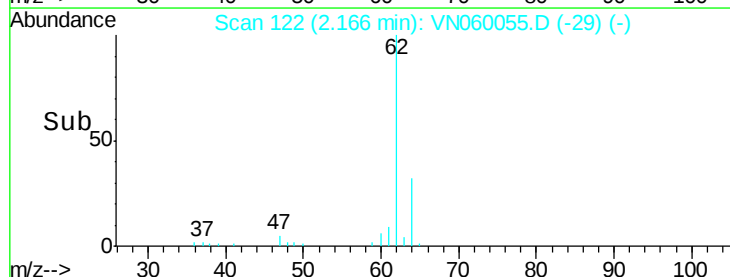
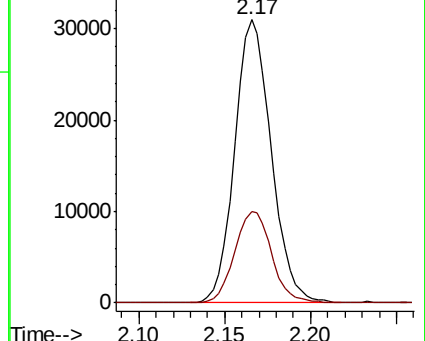
62 100

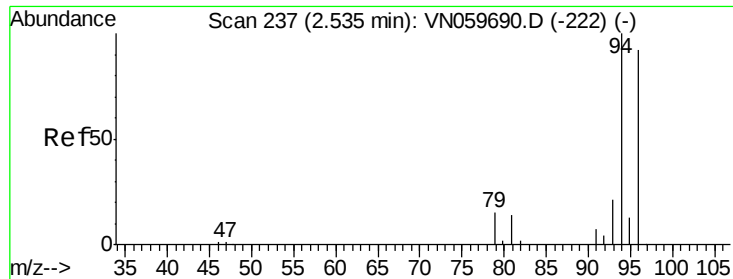
64 32.2 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





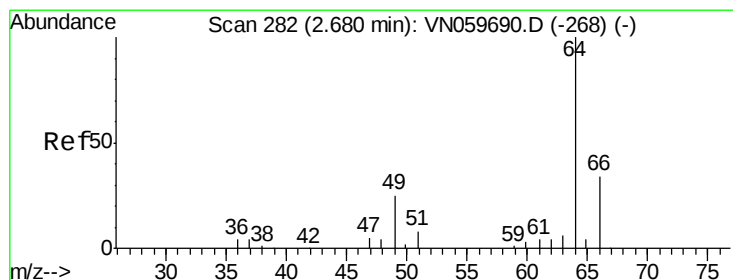
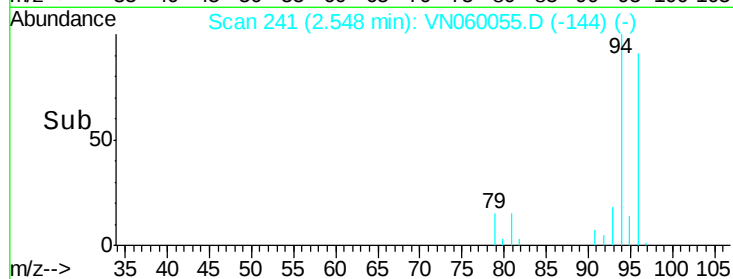
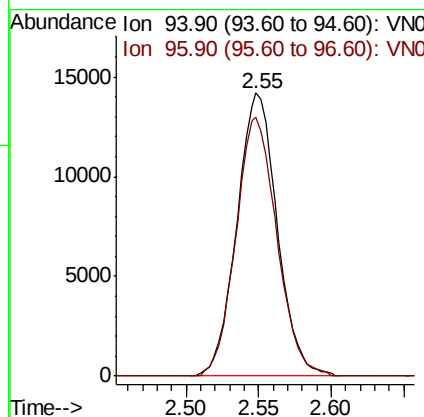
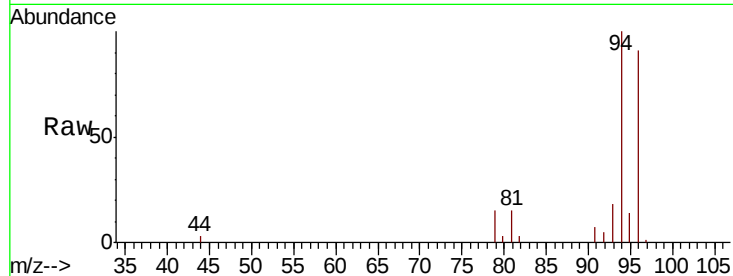
#5
Bromomethane
Concen: 19.179 ug/l
RT: 2.55 min Scan# 241
Delta R.T. 0.01 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Instrument :
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Tot Ion: 94 Resp: 27433
Ion Ratio Lower Upper
94 100
96 91.5 74.7 112.1

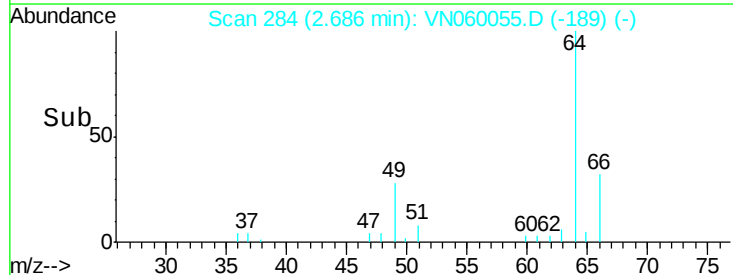
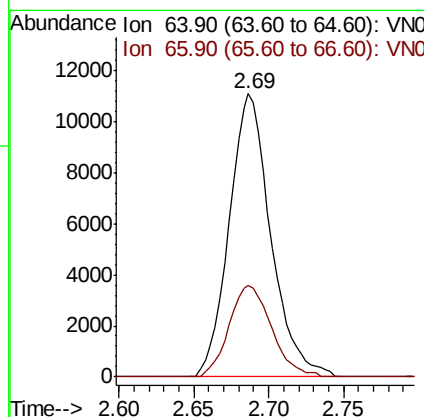
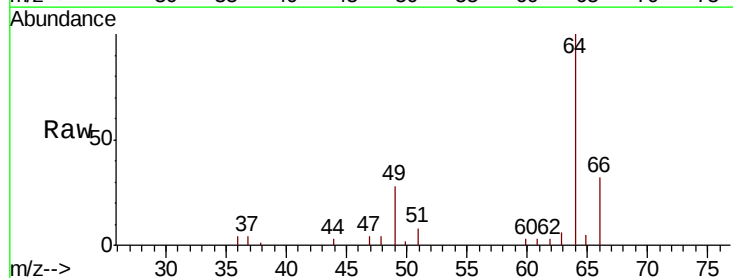
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#6
Chloroethane
Concen: 19.331 ug/l
RT: 2.69 min Scan# 284
Delta R.T. 0.01 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Tgt Ion: 64 Resp: 21436
Ion Ratio Lower Upper
64 100
66 32.4 25.1 37.7





#7

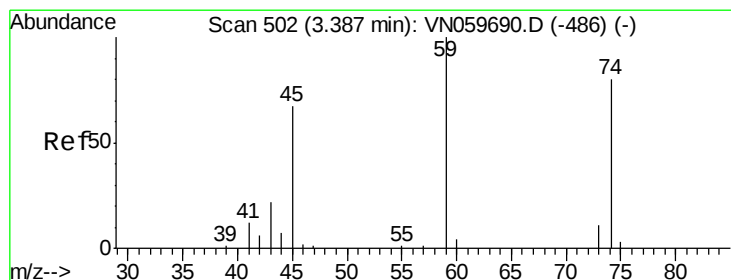
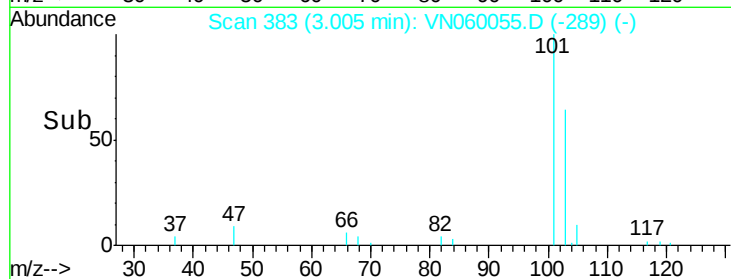
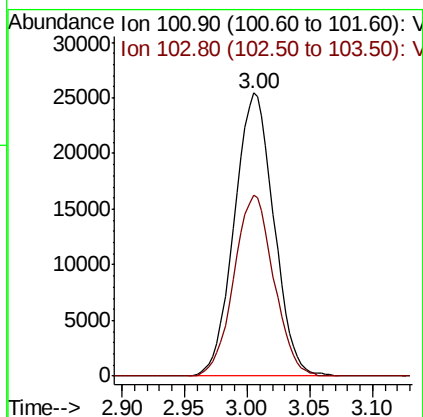
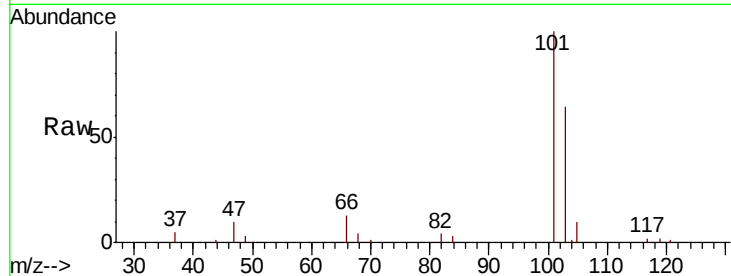
Trichlorofluoromethane
 Concen: 19.828 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN060055.D
 Acq: 11 Feb 2020 11:05

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	51.0	76.6

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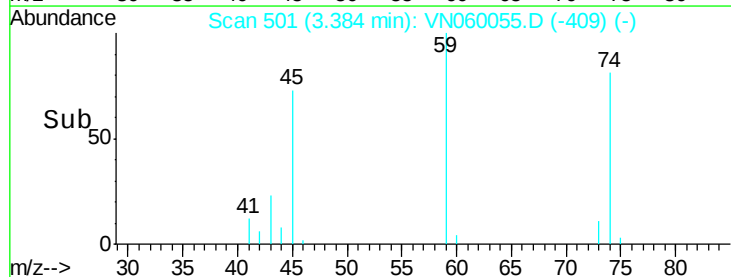
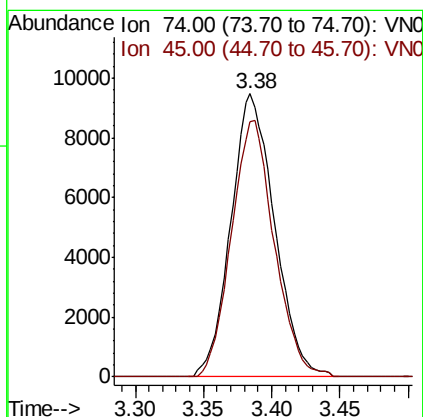
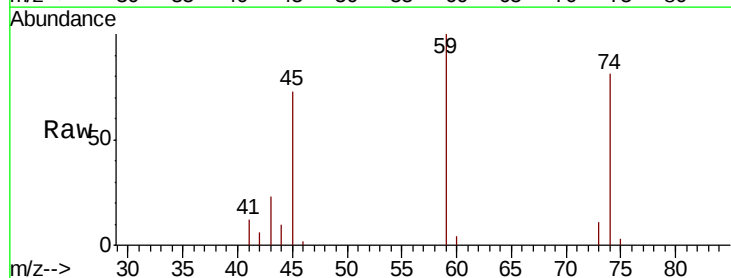
MMDadoda
 2/12/2020 3:03:04 PM



#8

Diethyl Ether
 Concen: 21.275 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.9	51.9	155.8





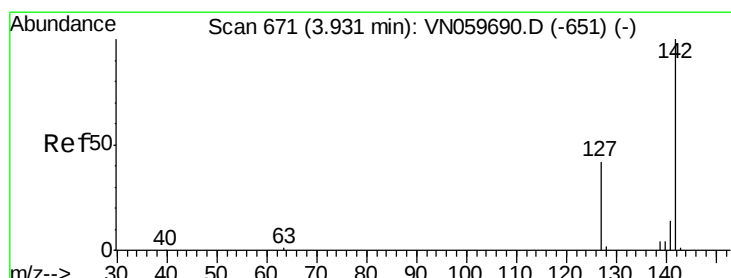
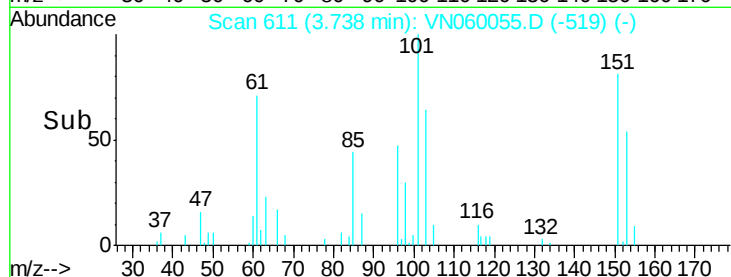
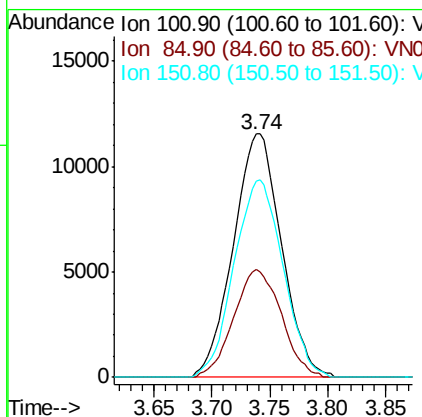
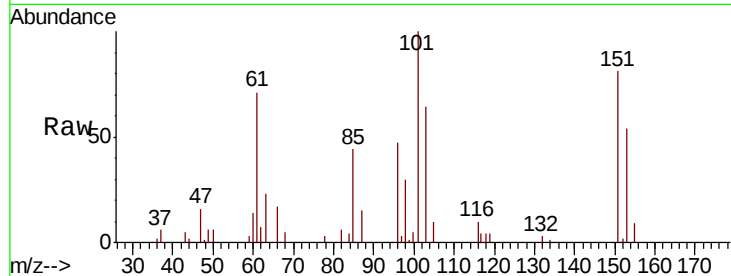
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.289 ug/l
RT: 3.74 min Scan# 611
Delta R.T. -0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0211WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	43.7	36.6	54.8
151	82.6	59.7	89.5

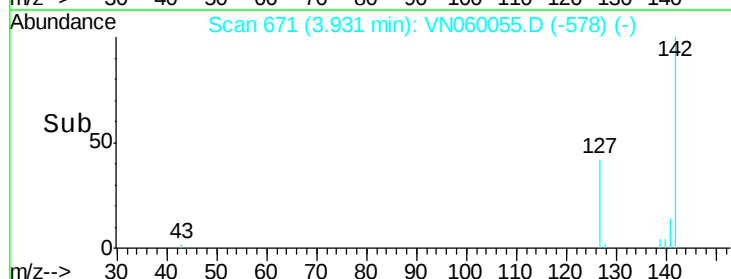
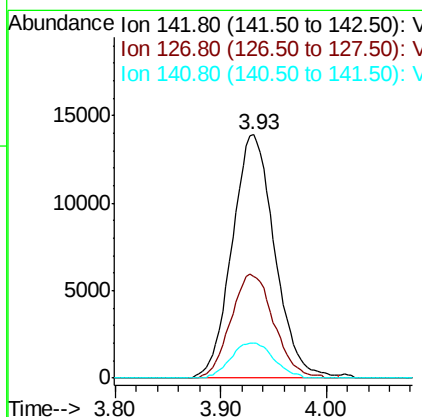
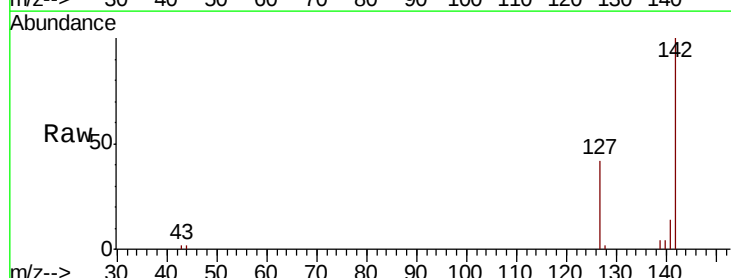
Manual Integrations
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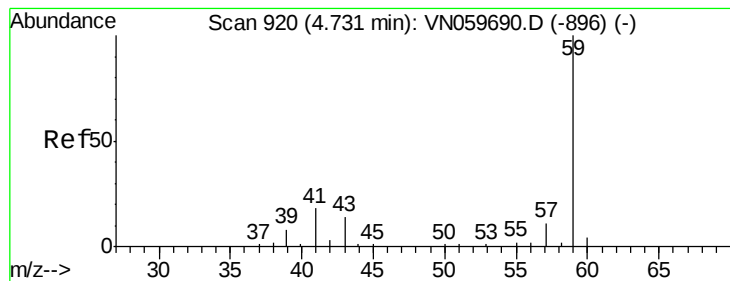
MMDadoda
2/12/2020 3:03:04 PM



#10
Methyl Iodide
Concen: 15.417 ug/l
RT: 3.93 min Scan# 671
Delta R.T. 0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Tgt Ion	Ratio	Lower	Upper
142	100		
127	43.1	36.7	55.1
141	14.6	11.7	17.5





#11

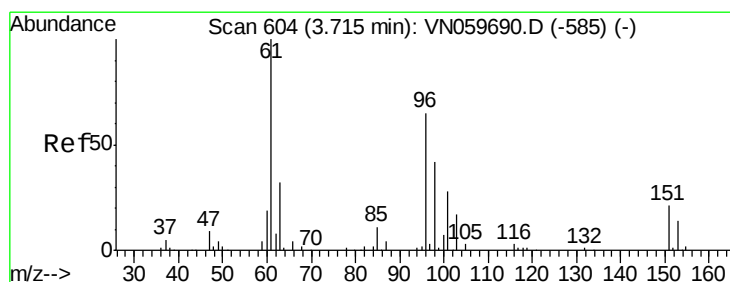
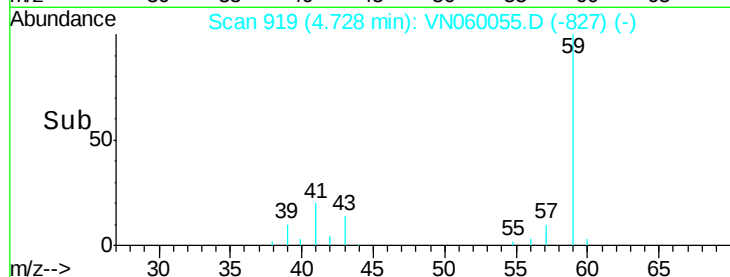
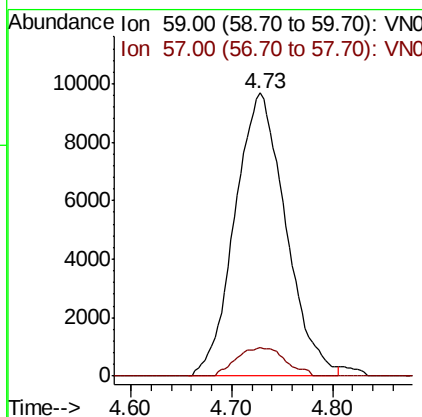
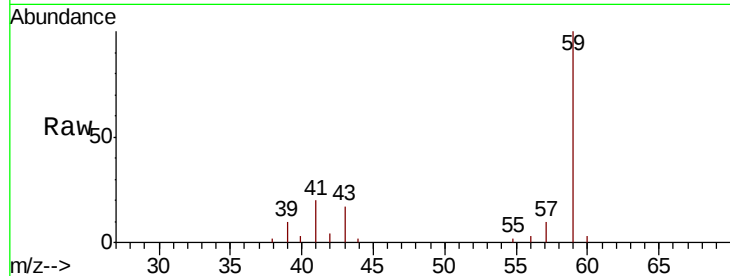
Tert butyl alcohol
 Concen: 101.266 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VN060055.D
 Acq: 11 Feb 2020 11:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0211WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.6	12.8

Manual Integrations
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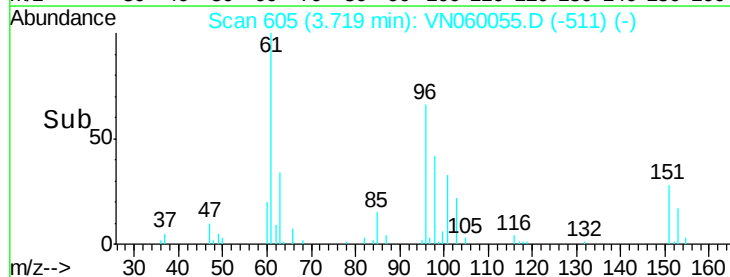
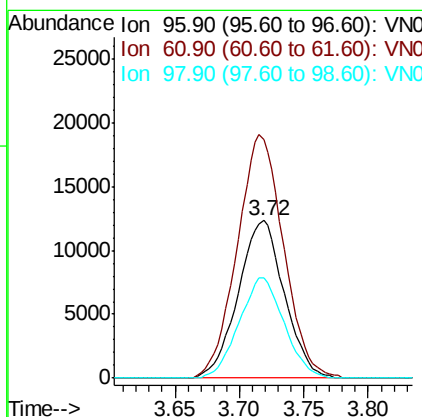
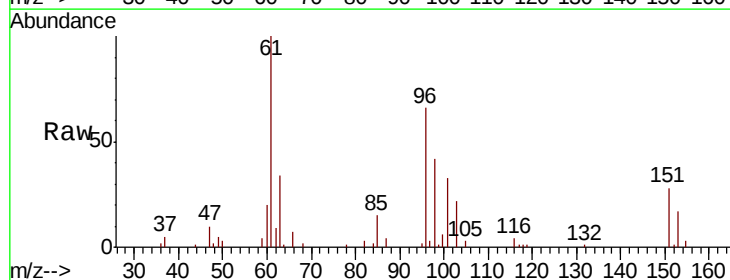
MMDadoda
 2/12/2020 3:03:04 PM



#12

1,1-Dichloroethene
 Concen: 18.712 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VN060055.D
 Acq: 11 Feb 2020 11:05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.7	137.5	206.3
98	63.7	50.2	75.4





#13

Acrolein

Concen: 84.146 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN060055.D

Acq: 11 Feb 2020 11:05

Instrument :

MSVOA_N

ClientSampleId :

VN0211WBS01

Tot Ion: 56 Resp: 19925

Ion Ratio Lower Upper

56 100

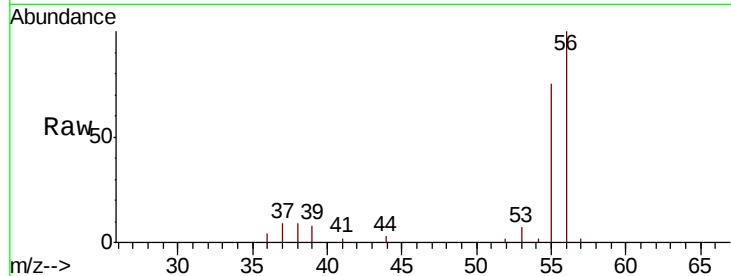
55 70.4 58.6 88.0

Manual Integrations

APPROVED

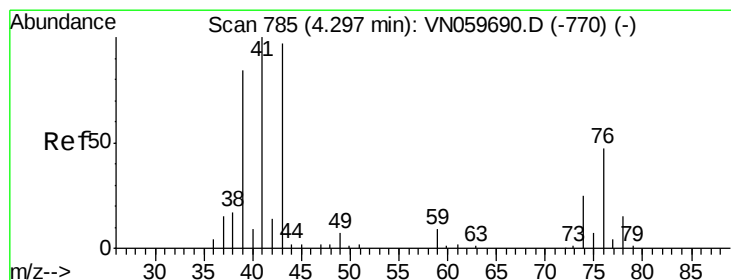
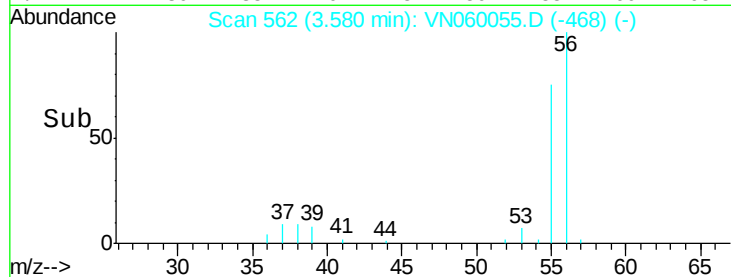
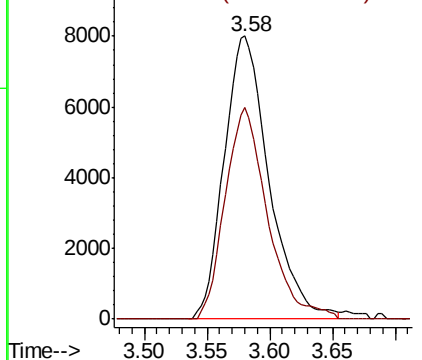
MMDadoda

2/12/2020 3:03:04 PM



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 22.675 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN060055.D

Acq: 11 Feb 2020 11:05

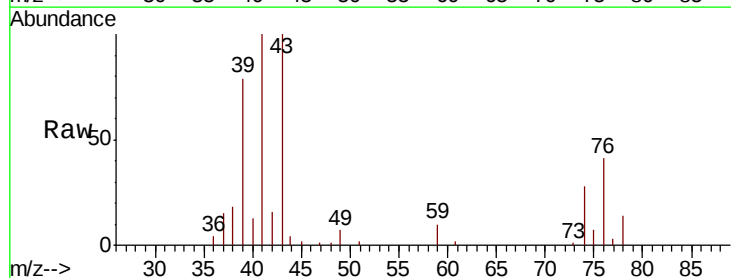
Tgt Ion: 41 Resp: 50031

Ion Ratio Lower Upper

41 100

39 75.4 57.8 86.8

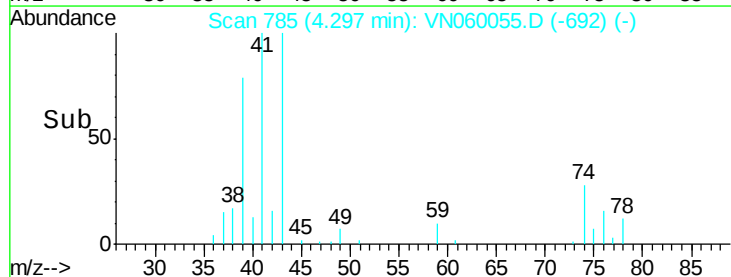
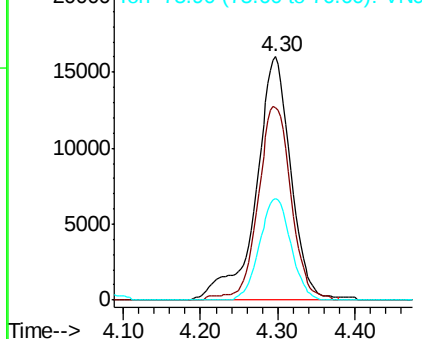
76 37.5 25.4 38.0

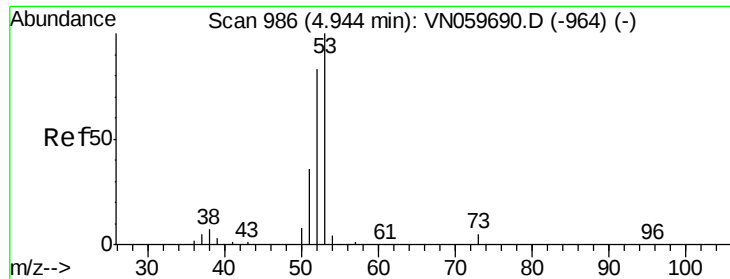


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





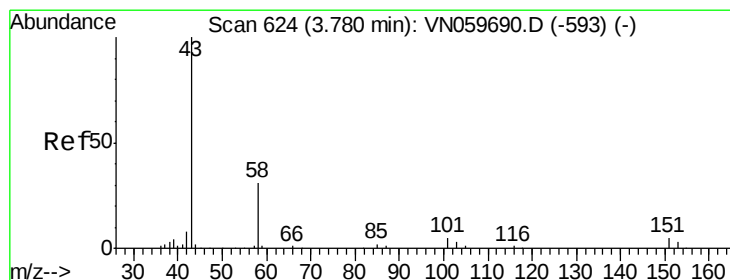
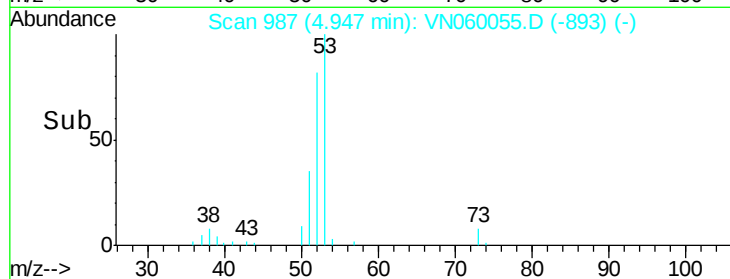
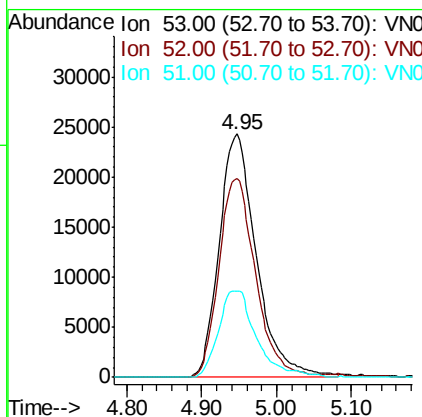
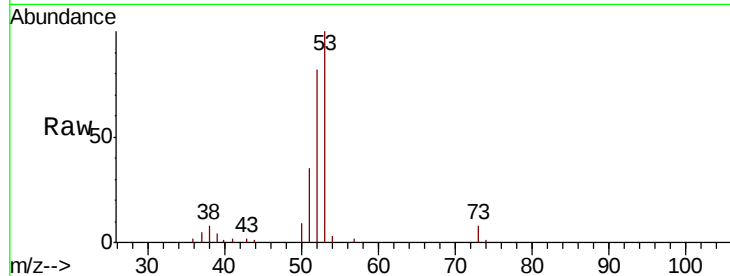
#15
 Acrylonitrile
 Concen: 109.756 ug/l
 RT: 4.95 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: VN060055.D
 Acq: 11 Feb 2020 11:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0211WBS01

Tot Ion:	53	Resp:	83748
Ion Ratio	Lower	Upper	
53	100		
52	80.5	66.3	99.5
51	36.4	29.7	44.5

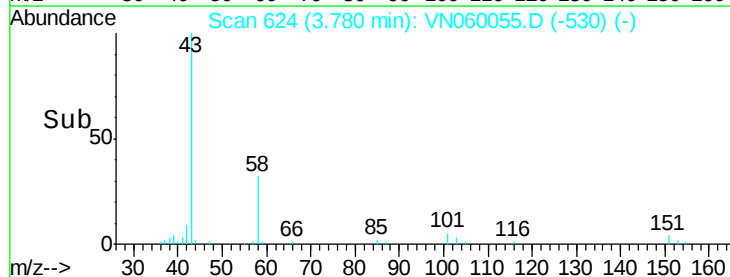
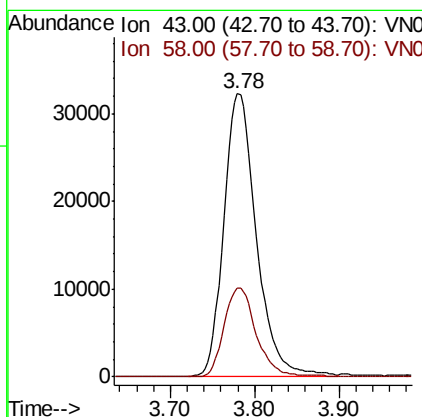
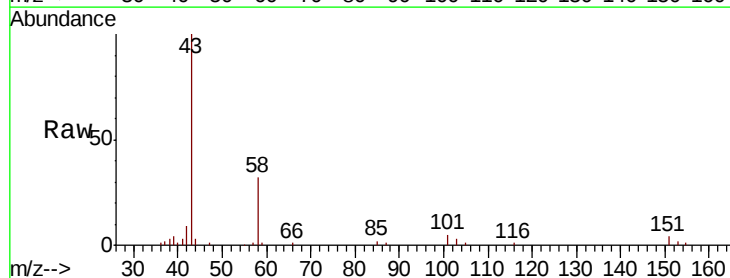
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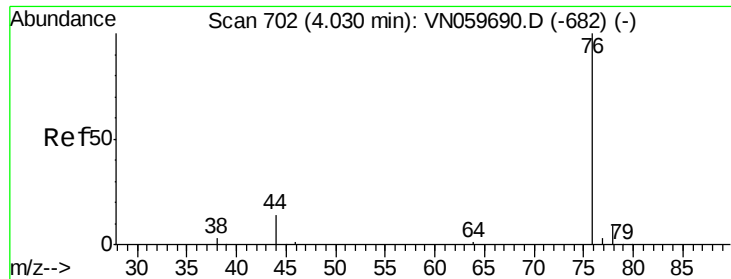
MMDadoda
 2/12/2020 3:03:04 PM



#16
 Acetone
 Concen: 123.211 ug/l
 RT: 3.78 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: VN060055.D
 Acq: 11 Feb 2020 11:05

Tgt Ion:	43	Resp:	86943
Ion Ratio	Lower	Upper	
43	100		
58	31.5	23.6	35.4





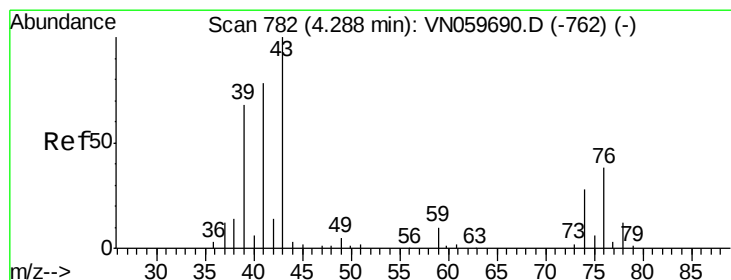
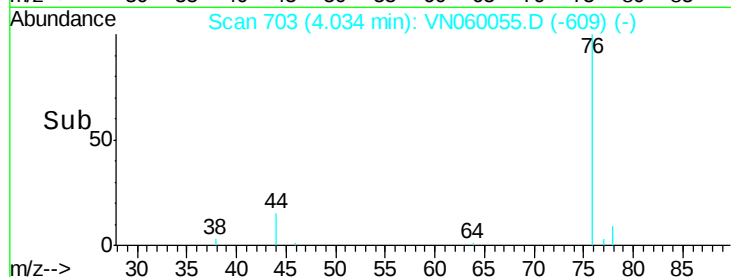
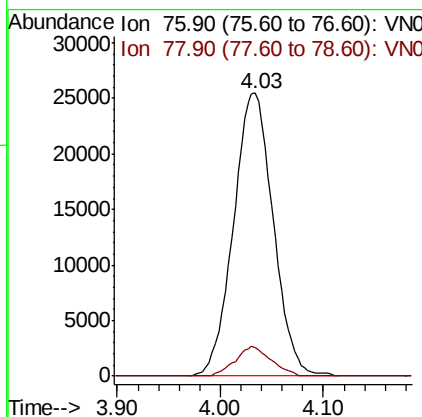
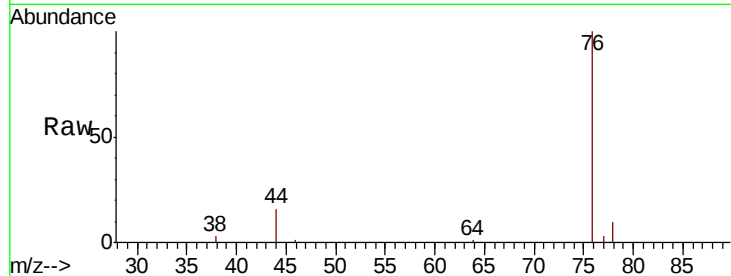
#17
Carbon Disulfide
Concen: 14.633 ug/l
RT: 4.03 min Scan# 703
Delta R.T. 0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0211WBS01

Tot Ion: 76 Resp: 68237
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.0

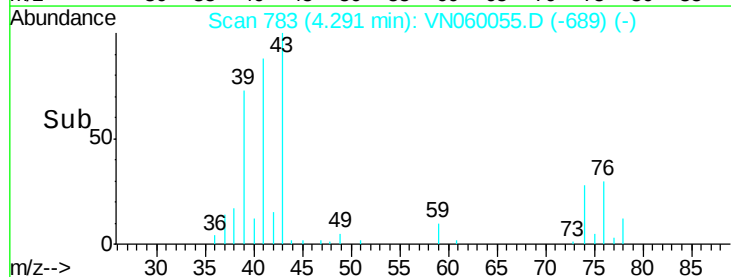
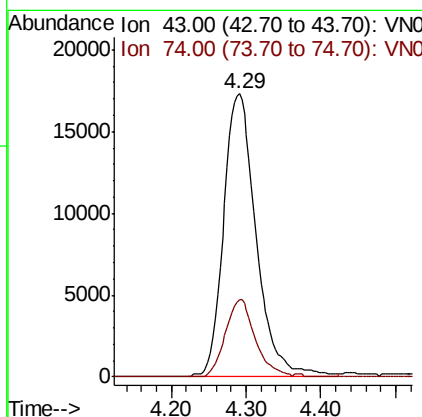
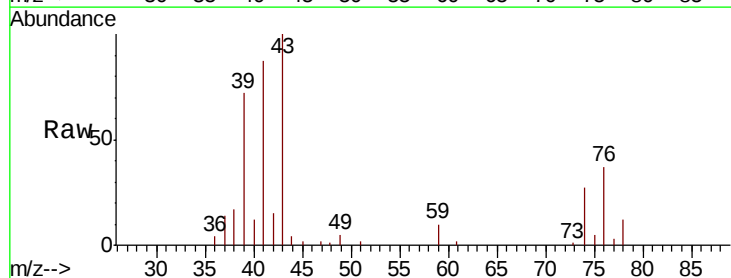
Manual Integrations
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2/12/2020 3:03:04 PM



#18
Methyl Acetate
Concen: 22.568 ug/l
RT: 4.29 min Scan# 783
Delta R.T. 0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Tgt Ion: 43 Resp: 52380
Ion Ratio Lower Upper
43 100
74 25.0 17.5 26.3





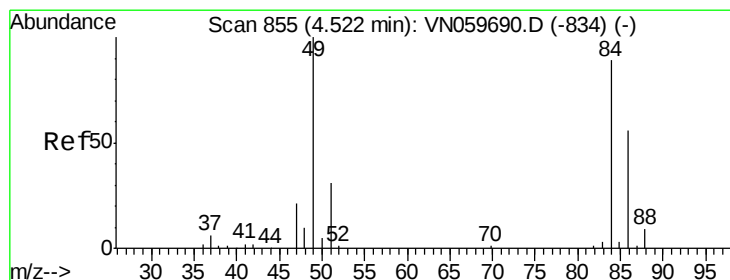
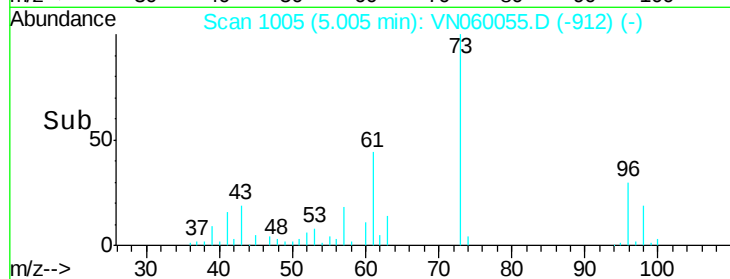
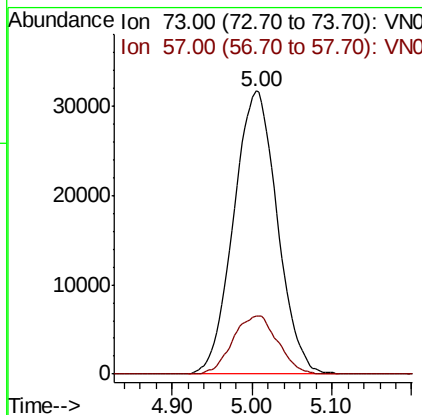
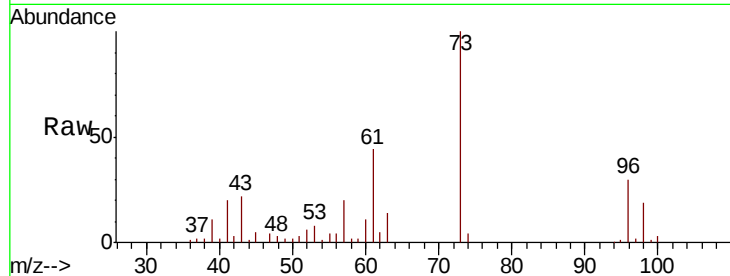
#19
Methvl tert-butvl Ether
Concen: 22.047 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Instrument :
MSVOA_N
ClientSampled :
VN0211WBS01

Tot Ion: 73 Resp: 117674
Ion Ratio Lower Upper
73 100
57 20.5 18.6 27.8

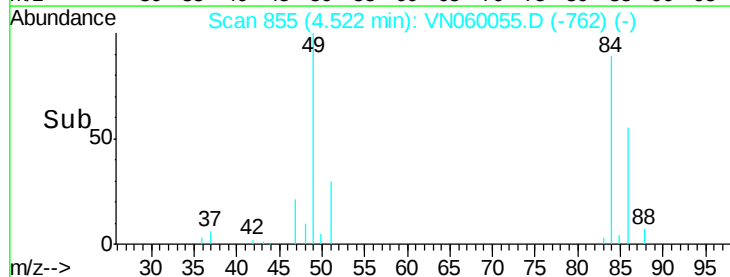
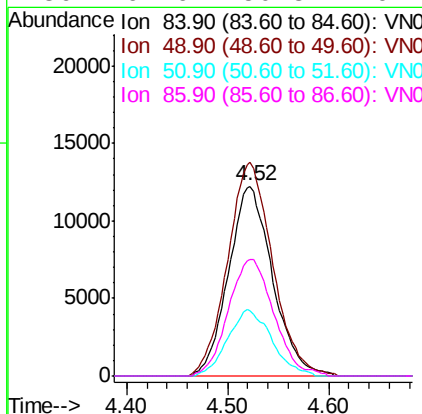
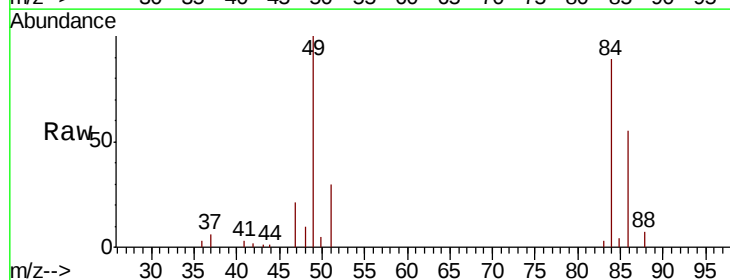
Manual Integrations
APPROVED

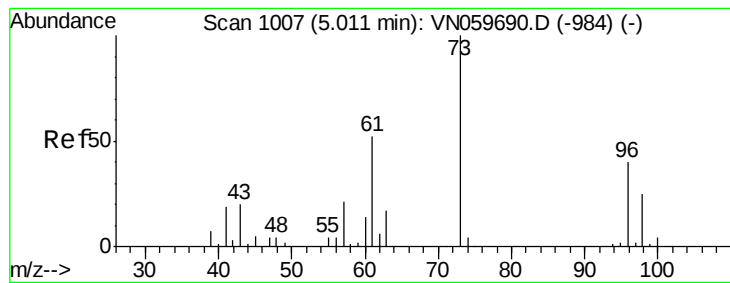
MMDadoda
2/12/2020 3:03:04 PM



#20
Methylene Chloride
Concen: 19.844 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Tgt Ion: 84 Resp: 37077
Ion Ratio Lower Upper
84 100
49 112.4 106.6 160.0
51 34.1 31.9 47.9
86 61.6 50.8 76.2





#21

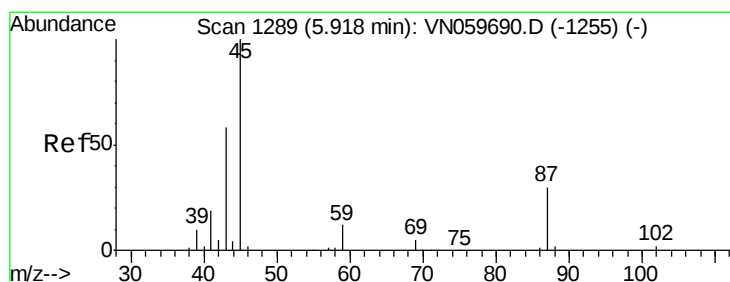
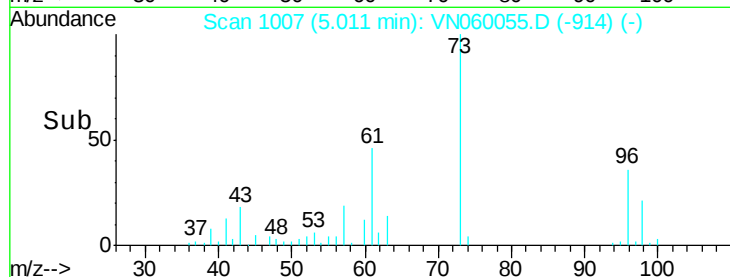
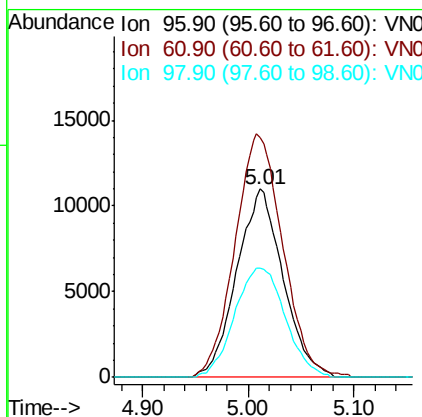
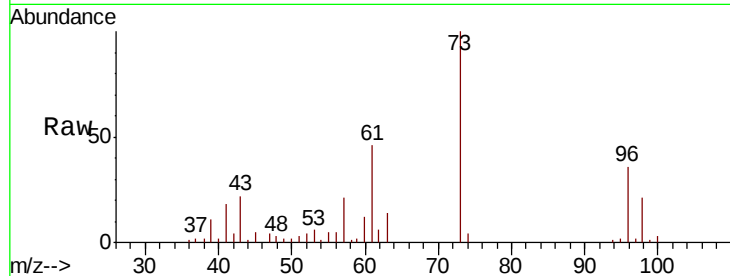
trans-1,2-Dichloroethene
Concen: 19.248 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0211WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.8	120.4	180.6
98	58.0	50.6	75.8

Manual Integrations
APPROVED

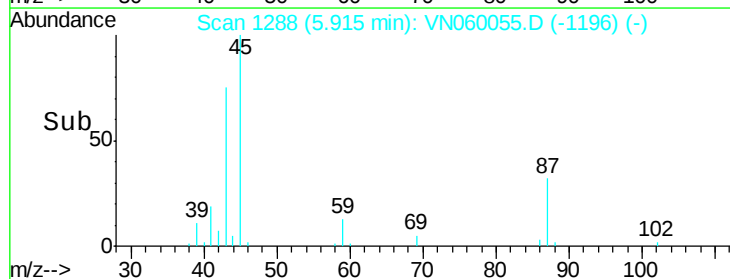
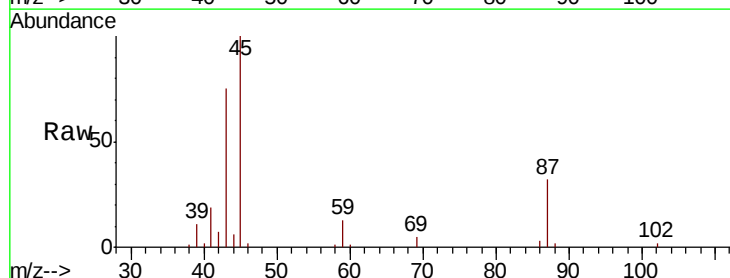
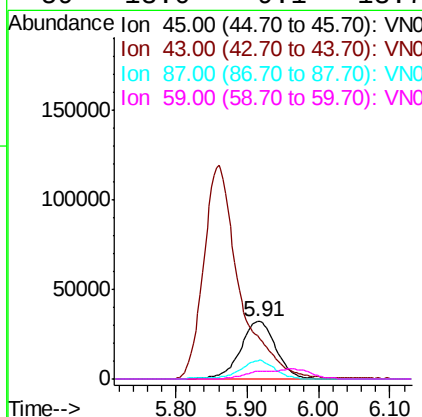
MMDadoda
2/12/2020 3:03:04 PM

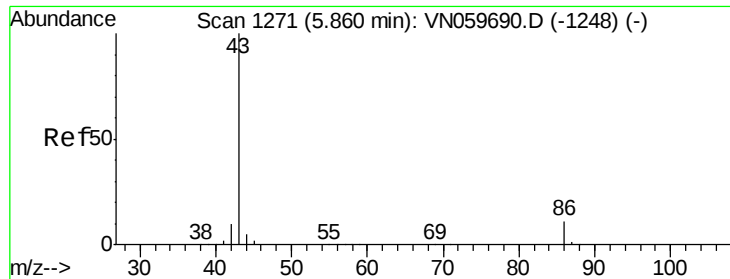


#22

Diisopropyl ether
Concen: 22.173 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Tgt Ion	Ratio	Lower	Upper
45	100		
43	72.8	50.8	76.2
87	32.1	21.0	31.6
59	13.0	9.1	13.7





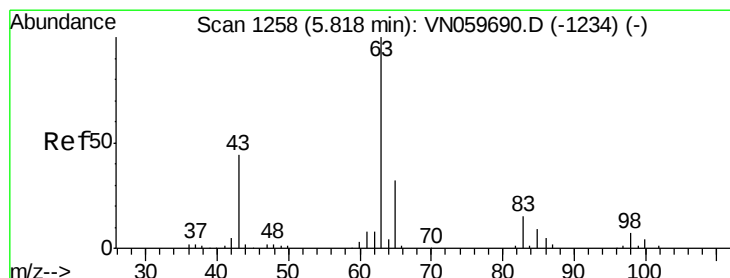
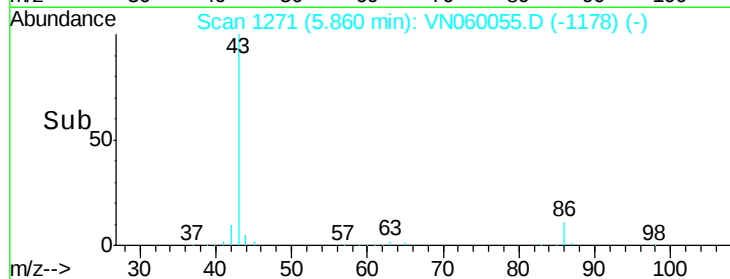
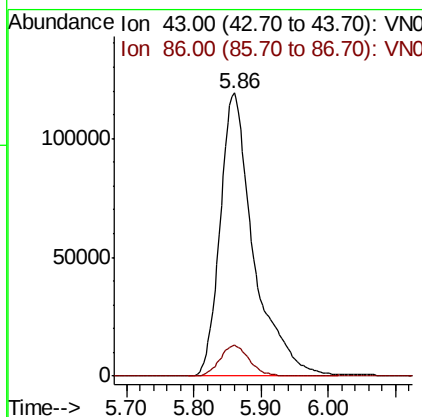
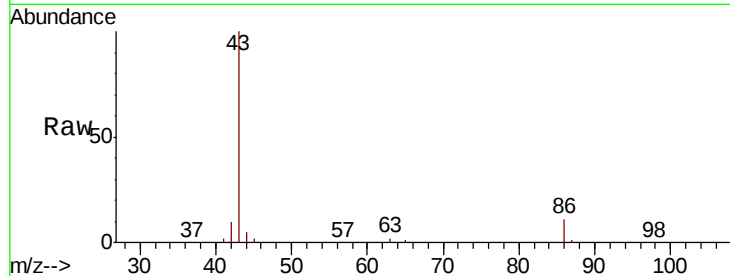
#23
 Vinyl Acetate
 Concen: 107.014 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VN060055.D
 Acq: 11 Feb 2020 11:05

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0211WBS01

Tot Ion	43	Resp	414298
Ion Ratio	100	Lower	Upper
43	100		
86	10.9	7.6	11.4

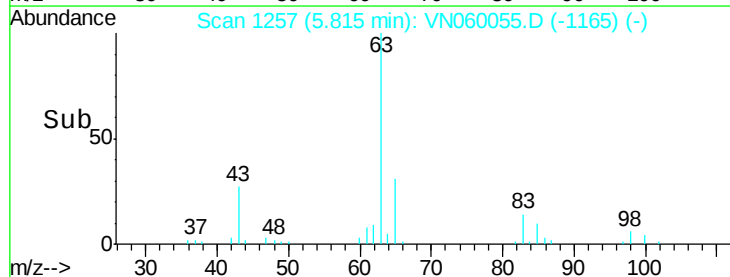
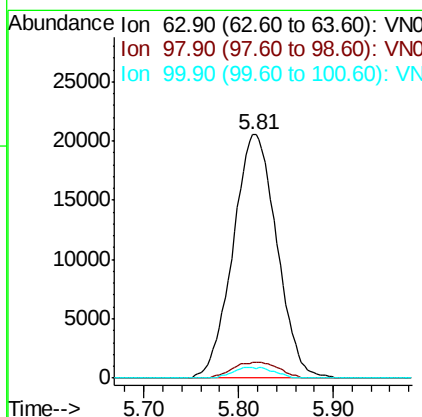
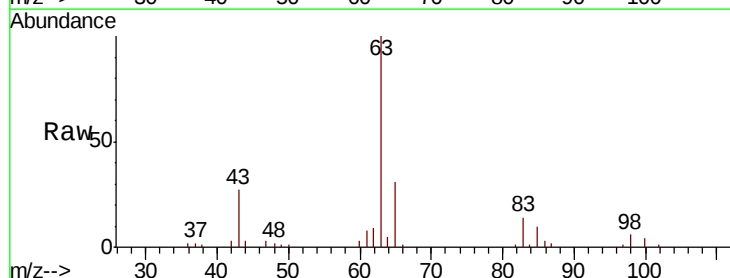
Manual Integrations
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 2/12/2020 3:03:04 PM



#24
 1,1-Dichloroethane
 Concen: 21.579 ug/l
 RT: 5.81 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN060055.D
 Acq: 11 Feb 2020 11:05

Tgt Ion	63	Resp	65931
Ion Ratio	100	Lower	Upper
63	100		
98	6.3	2.9	8.7
100	4.1	2.0	6.0





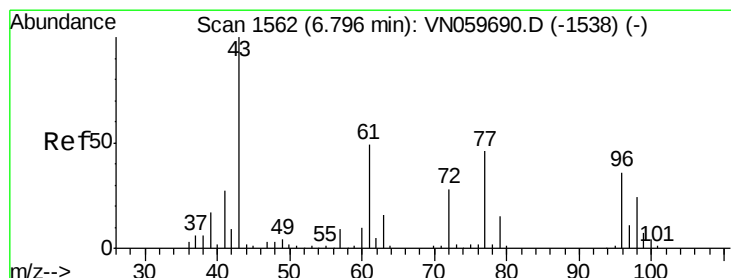
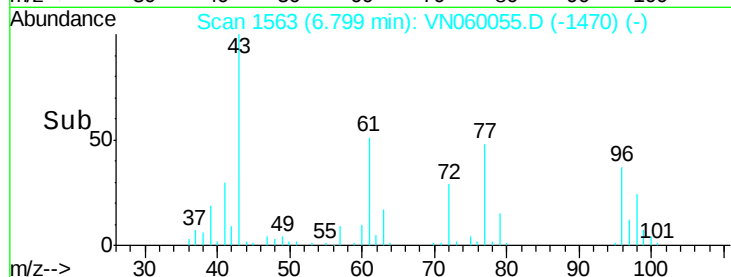
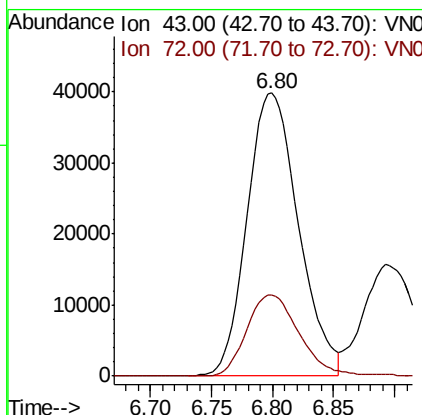
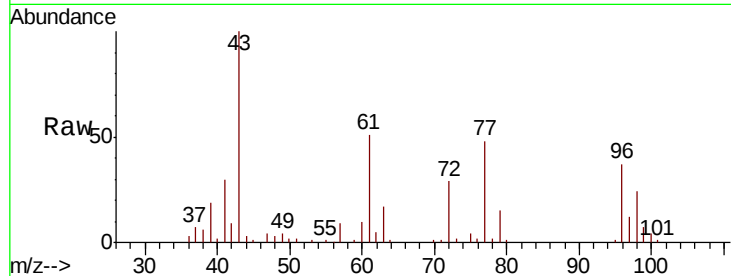
#25
2-Butanone
Concen: 103.597 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0211WBS01

Tot Ion: 43 Resp: 116572
Ion Ratio Lower Upper
43 100
72 28.8 19.9 29.9

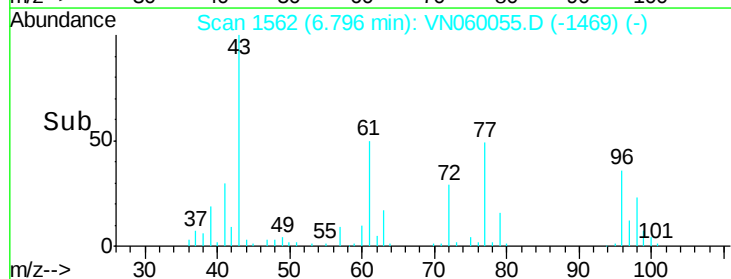
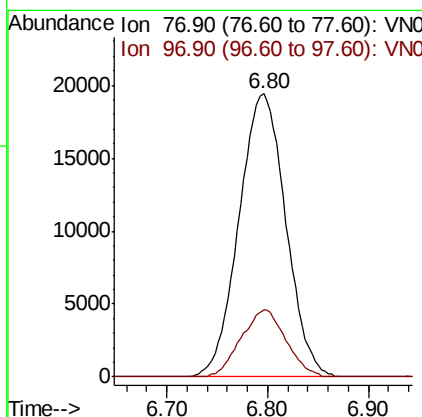
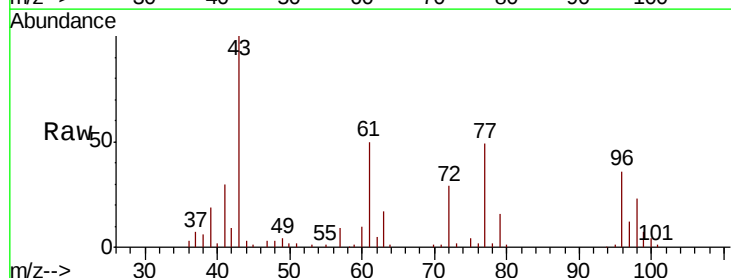
Manual Integrations
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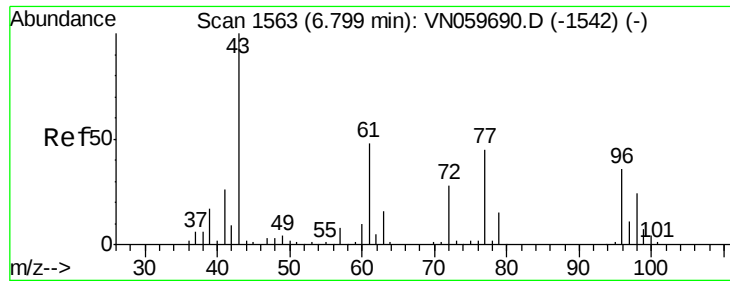
MMDadoda
2/12/2020 3:03:04 PM



#26
2,2-Dichloropropane
Concen: 21.288 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. 0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Tgt Ion: 77 Resp: 62530
Ion Ratio Lower Upper
77 100
97 22.8 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 21.105 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060055.D

Acq: 11 Feb 2020 11:05

Instrument :

MSVOA_N

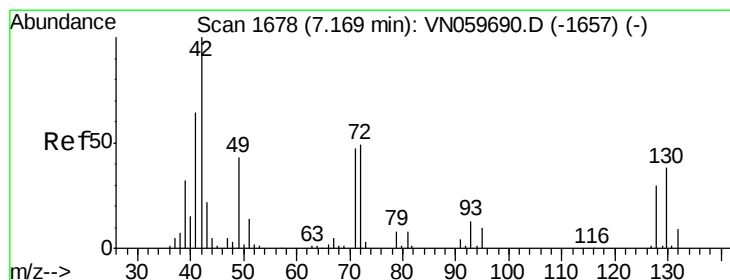
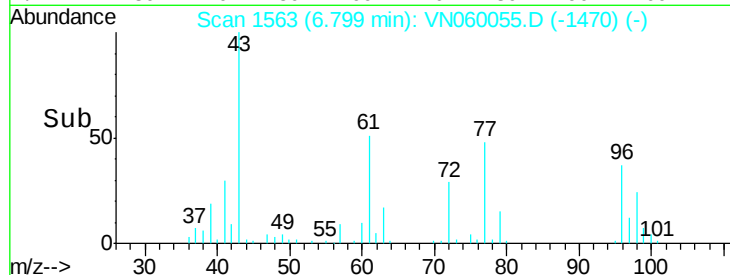
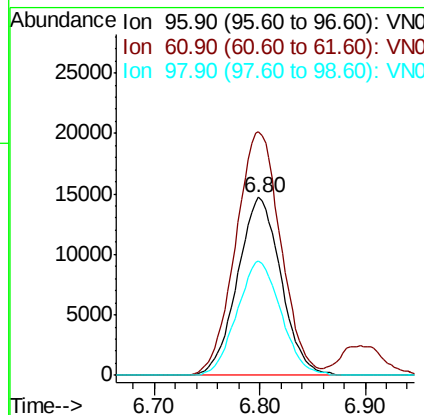
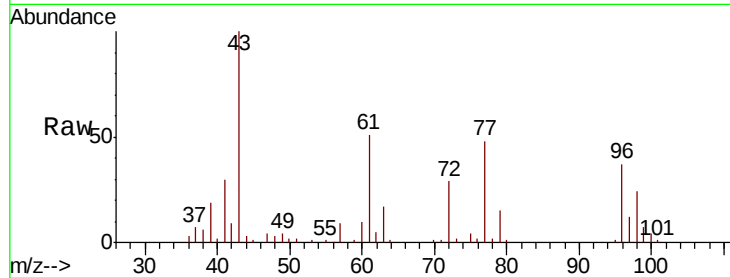
ClientSampleId :

VN0211WBS01

Tot Ion:	96	Resp:	42241
Ion	Ratio	Lower	Upper
96	100		
61	141.9	0.0	317.6
98	64.6	0.0	127.0

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#28

Bromochloromethane

Concen: 22.539 ug/l

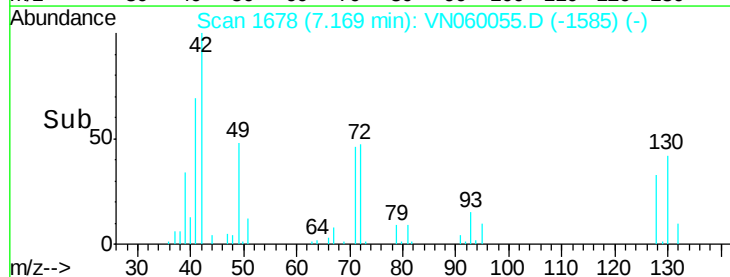
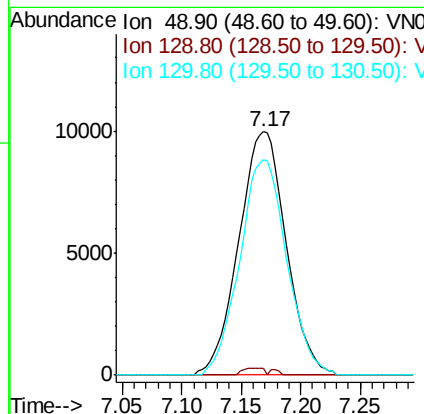
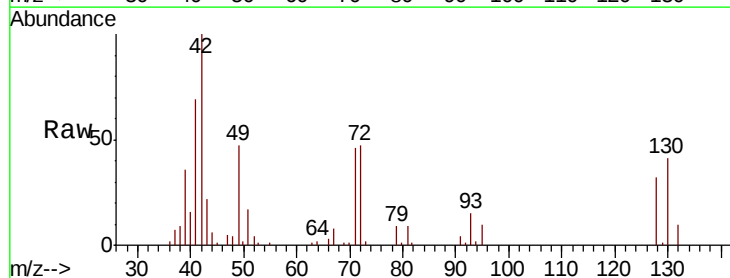
RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN060055.D

Acq: 11 Feb 2020 11:05

Tgt Ion:	49	Resp:	27523
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.4
130	87.8	54.7	82.1#





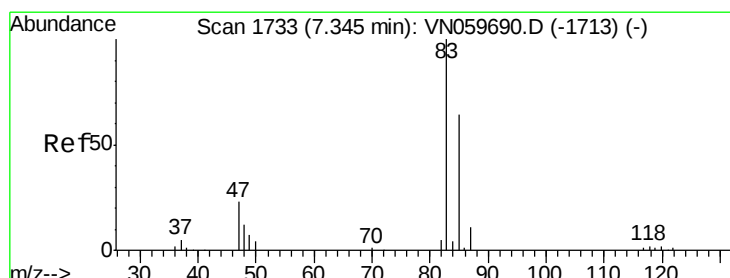
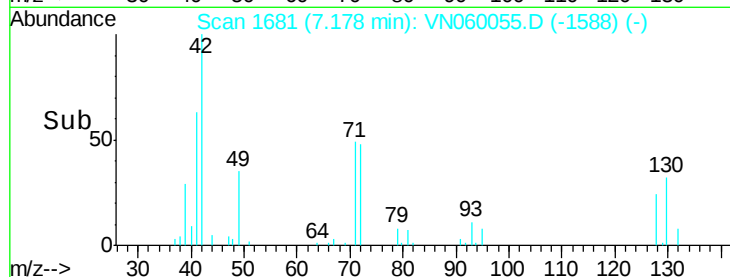
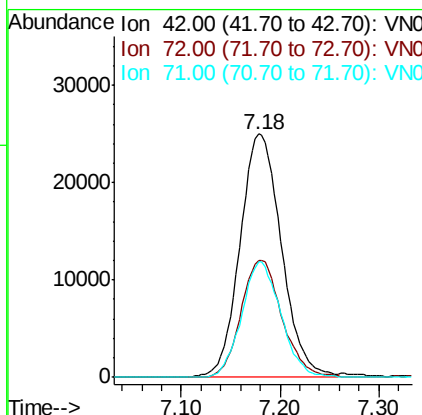
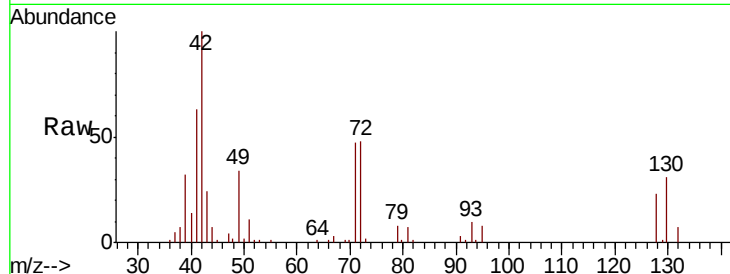
#29
Tetrahydrofuran
Concen: 104.512 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0211WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.3	33.1	49.7
71	44.8	31.4	47.0

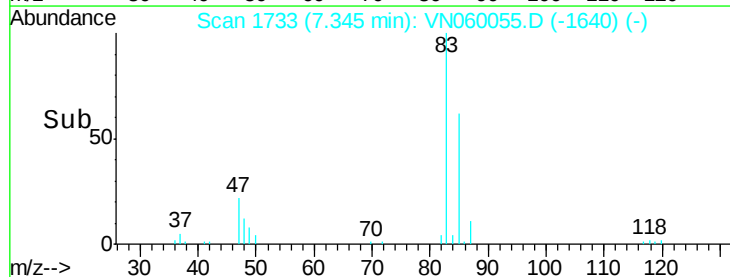
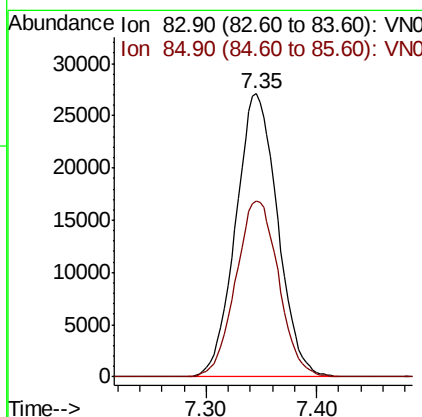
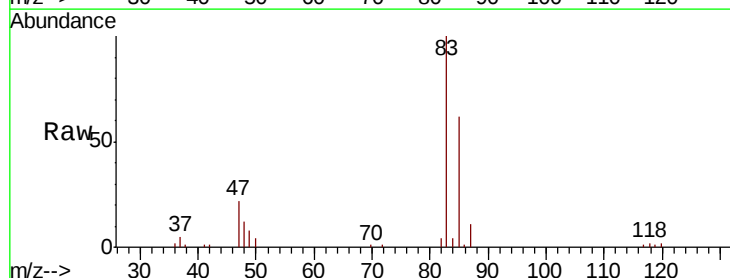
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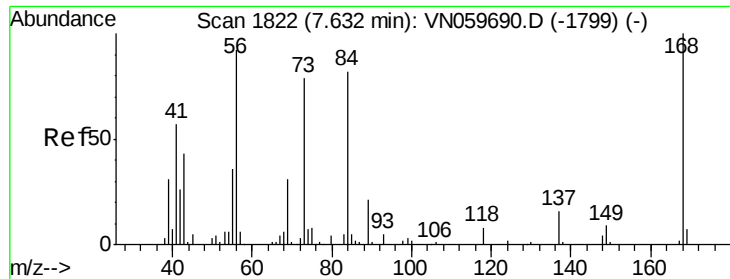
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#30
Chloroform
Concen: 22.513 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.2	52.4	78.6





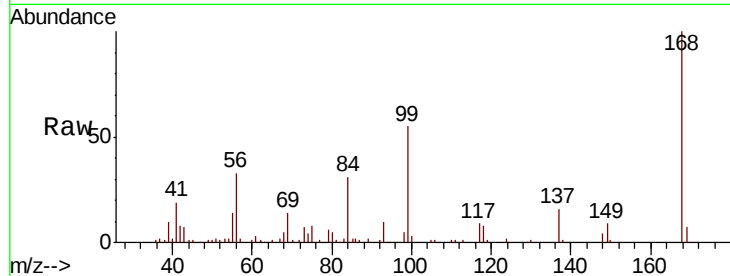
#31
Cyclohexane
Concen: 18.083 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0211WBS01

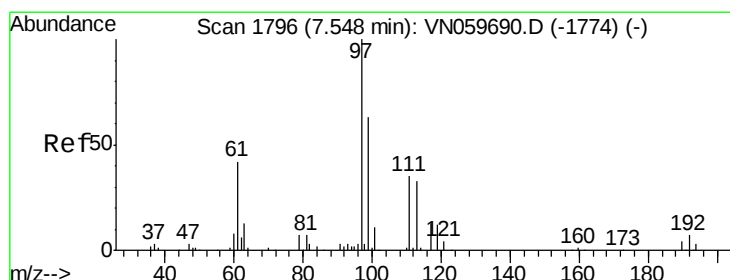
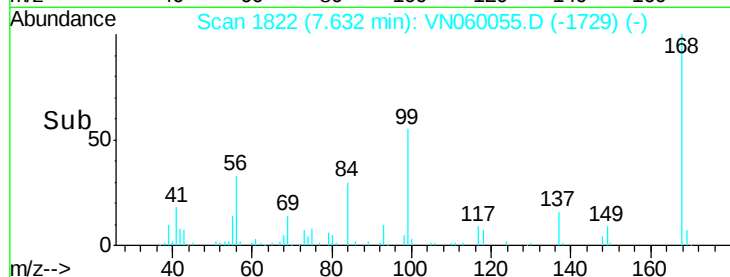
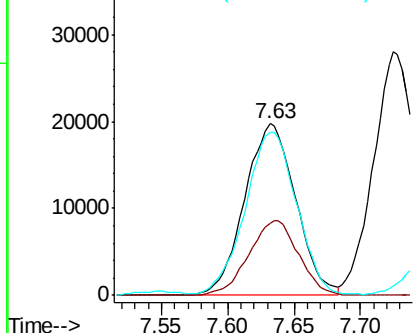
Tot Ion	Ratio	Lower	Upper
56	100		
69	42.3	26.5	39.7#
84	94.4	65.3	97.9

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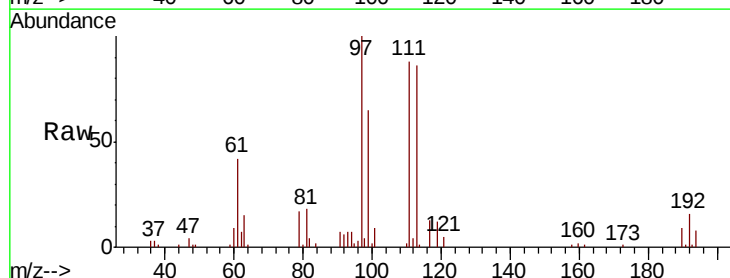


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

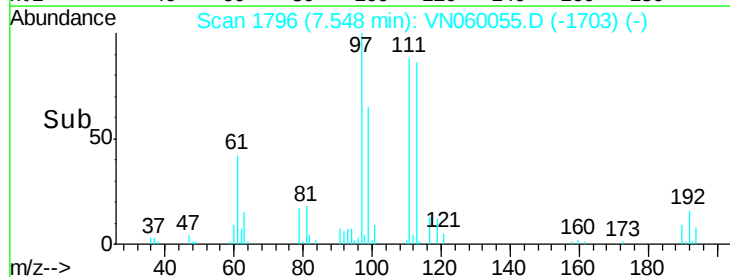
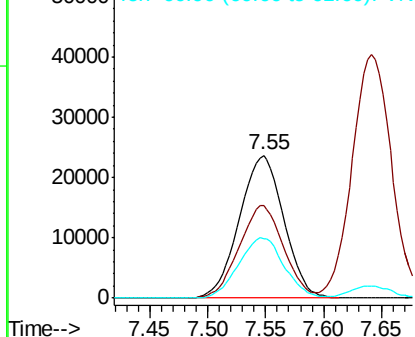


#32
1,1,1-Trichloroethane
Concen: 21.534 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.0	76.4
61	43.3	38.5	57.7



Abundance Ion 96.90 (96.60 to 97.60): VNC
Ion 98.90 (98.60 to 99.60): VNC
Ion 60.90 (60.60 to 61.60): VNC





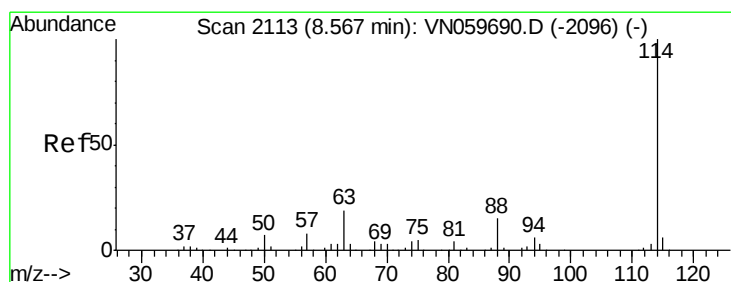
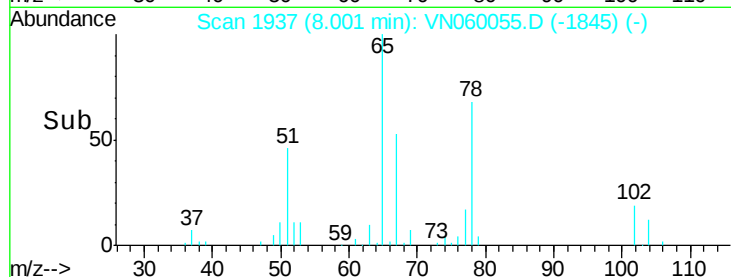
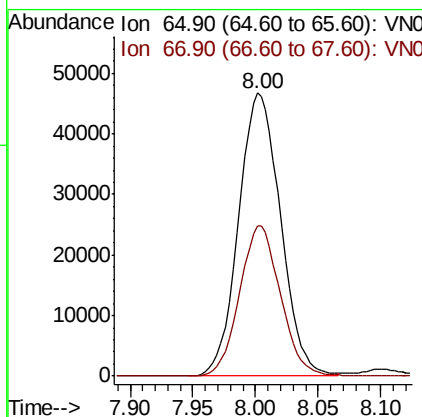
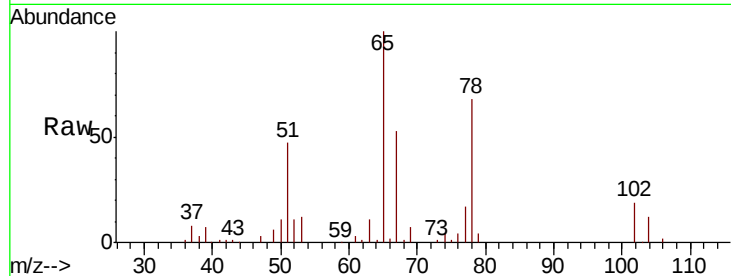
#33
 1,2-Dichloroethane-d4
 Concen: 54.768 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060055.D
 Acq: 11 Feb 2020 11:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0211WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.7	0.0	103.0	

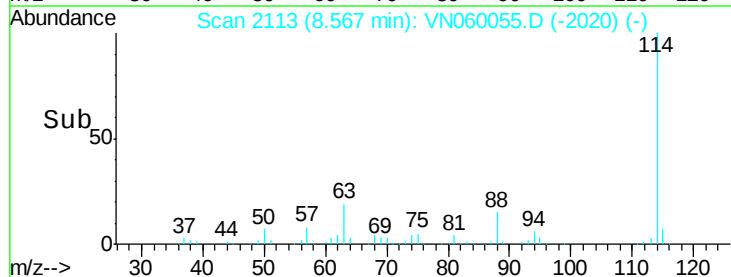
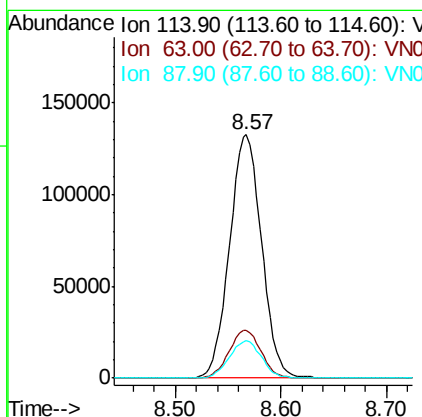
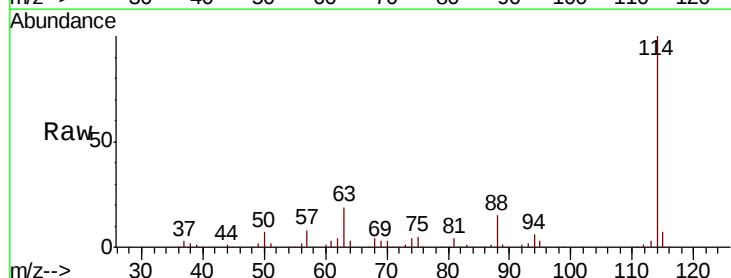
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060055.D
 Acq: 11 Feb 2020 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.4	0.0	43.6	
88	15.4	0.0	31.4	





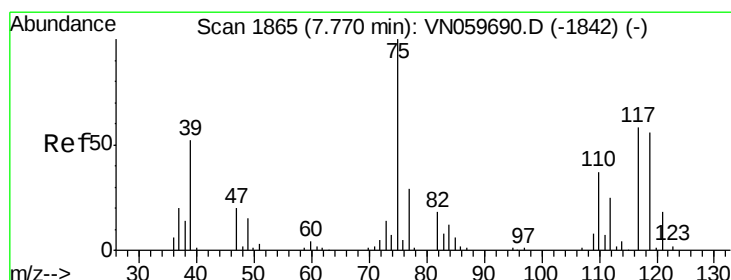
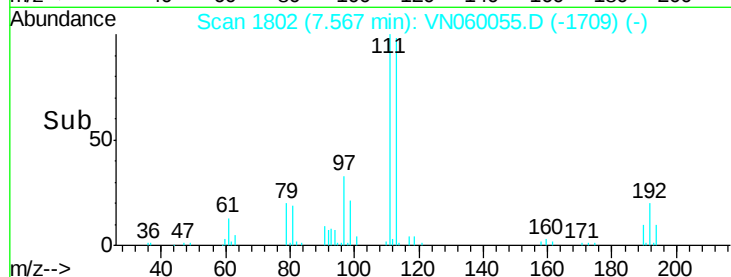
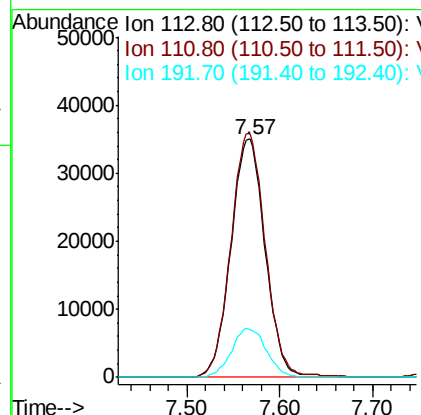
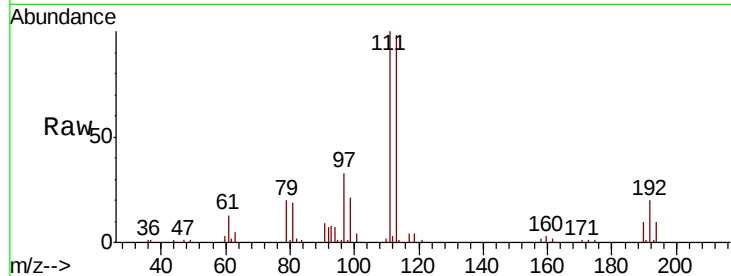
#35
 Dibromofluoromethane
 Concen: 53.946 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060055.D
 Acq: 11 Feb 2020 11:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0211WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	89750		
111	103.1	83.5	125.3	
192	20.7	15.4	23.2	

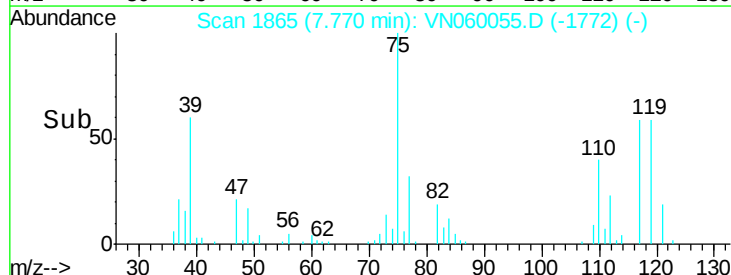
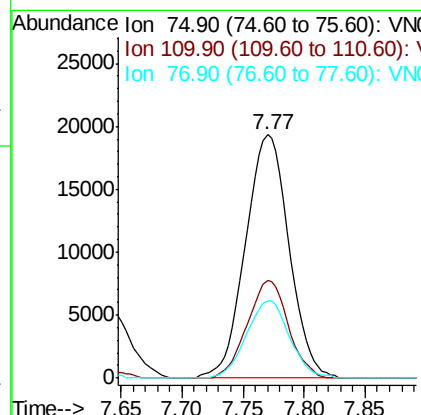
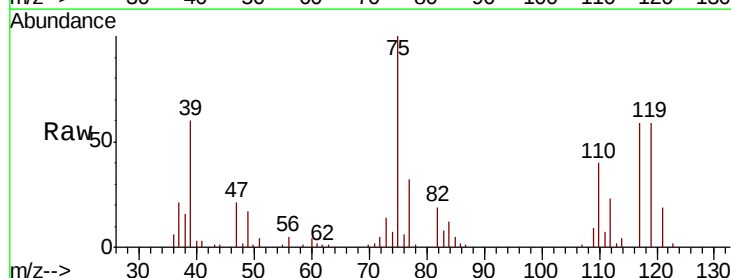
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#36
 1,1-Dichloropropene
 Concen: 19.630 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN060055.D
 Acq: 11 Feb 2020 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	47691		
110	37.8	16.6	49.7	
77	31.5	25.1	37.7	





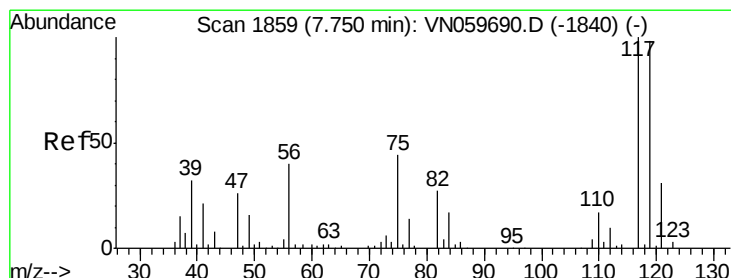
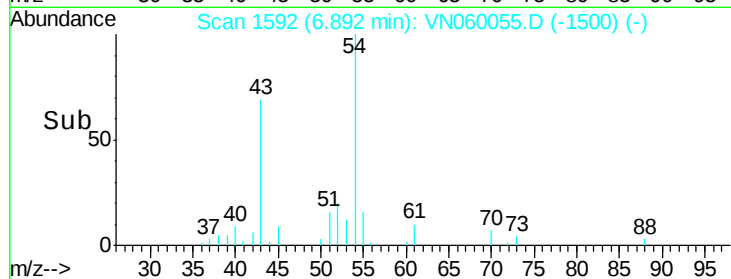
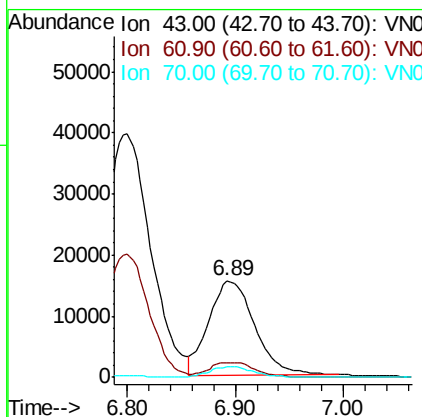
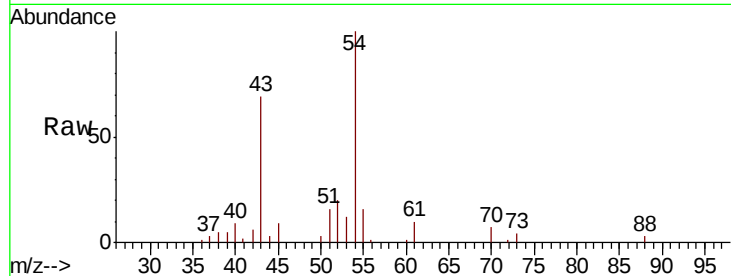
#37
Ethyl Acetate
Concen: 20.387 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Instrument :
MSVOA_N
ClientSampled :
VN0211WBS01

Tot Ion	43	61	70
Resp	46455		
Ratio	100	15.4	10.6
Lower		10.9	7.7
Upper		16.3	11.5

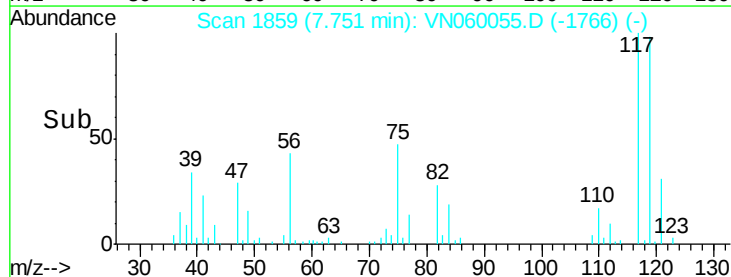
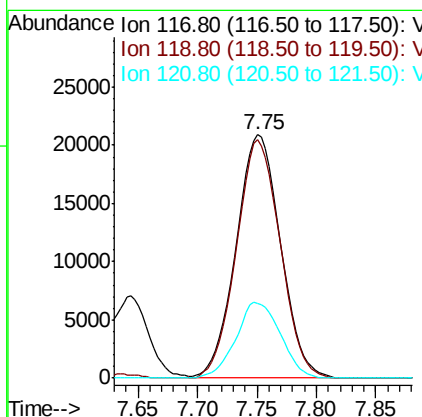
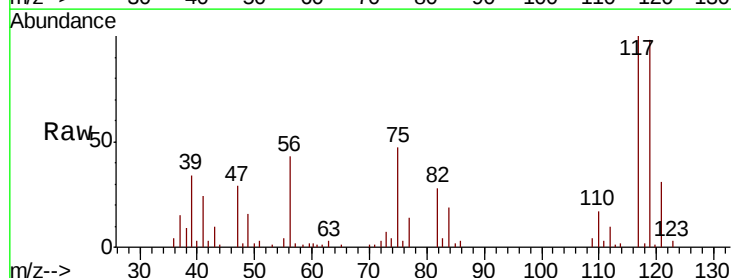
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#38
Carbon Tetrachloride
Concen: 20.517 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Tgt Ion	117	119	121
Resp	54221		
Ratio	100	97.8	30.7
Lower		76.5	25.1
Upper		114.7	37.7





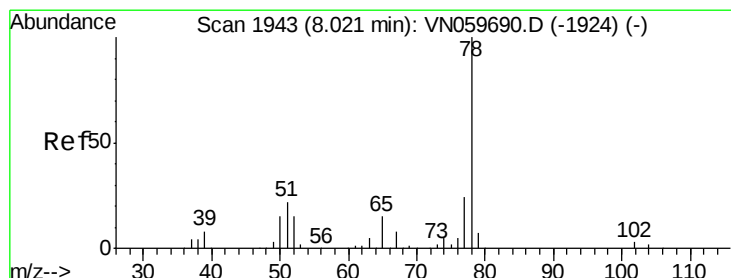
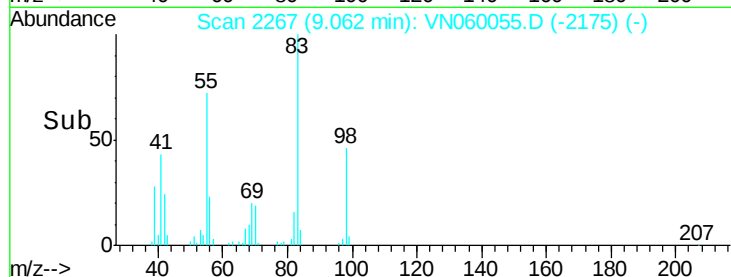
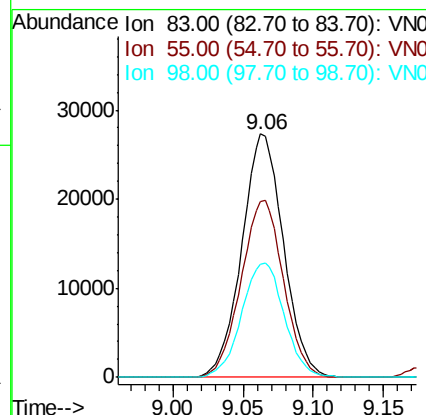
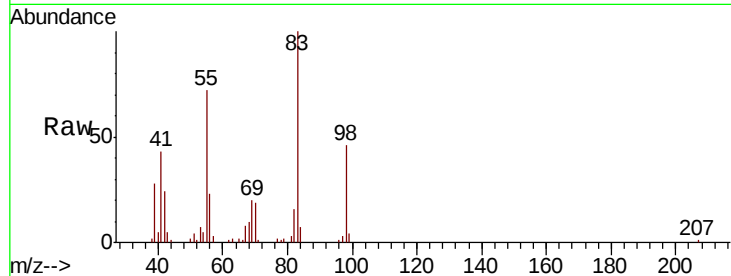
#39
Methvlcvclohexane
Concen: 18.858 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0211WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.3	64.2	96.2
98	46.4	35.9	53.9

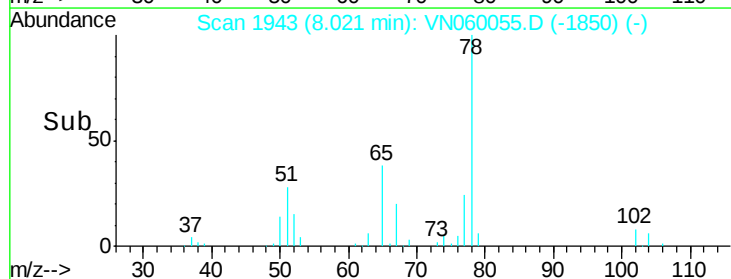
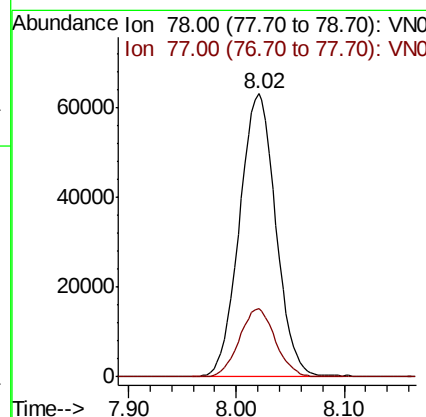
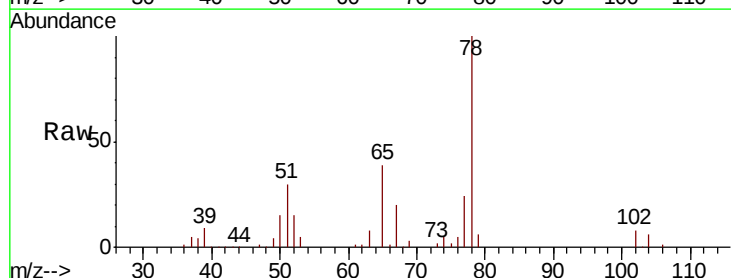
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#40
Benzene
Concen: 20.398 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.9	28.3





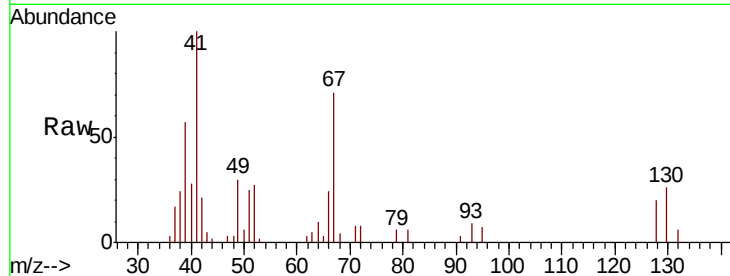
#41
Methacrylonitrile
Concen: 17.115 ug/l m
RT: 7.14 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0211WBS01

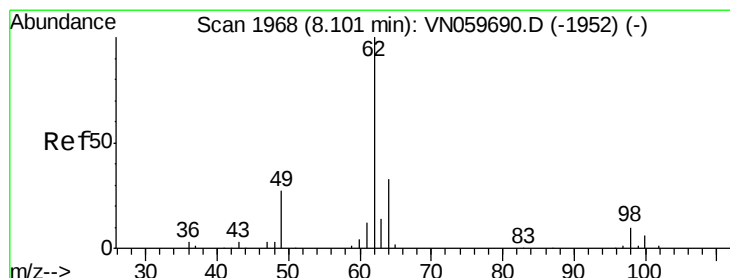
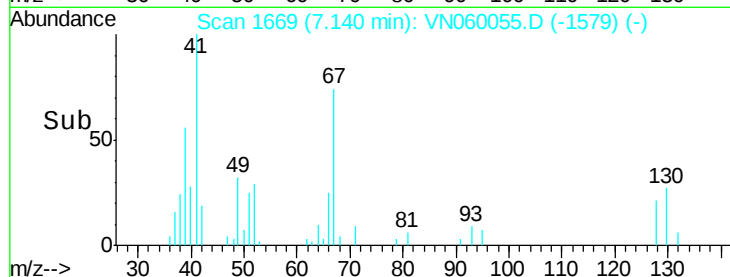
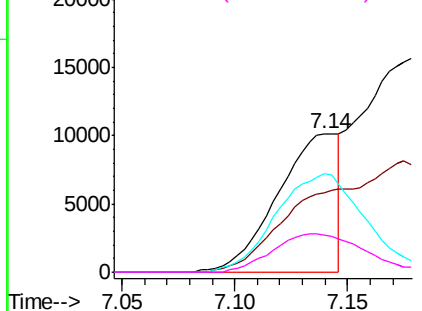
Tot Ion	Ratio	Lower	Upper
41	100		
39	191.1	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

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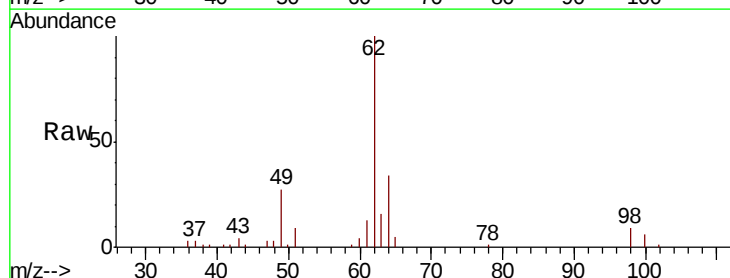


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

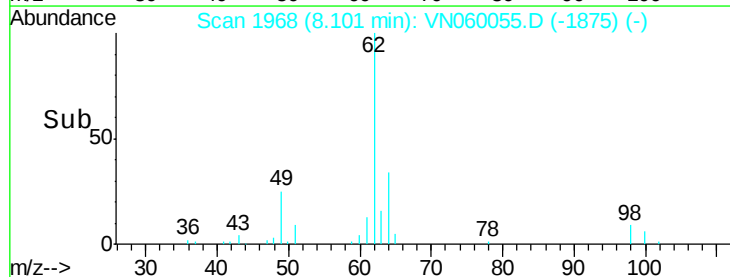
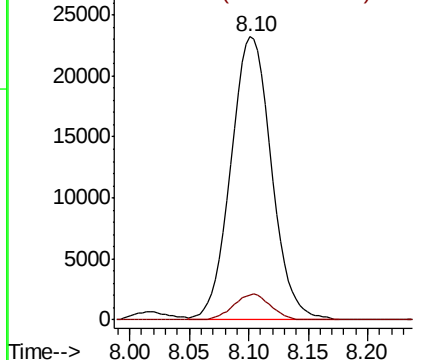


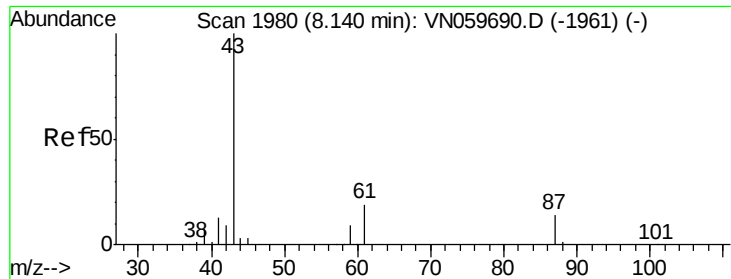
#42
1,2-Dichloroethane
Concen: 22.398 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	15.8



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





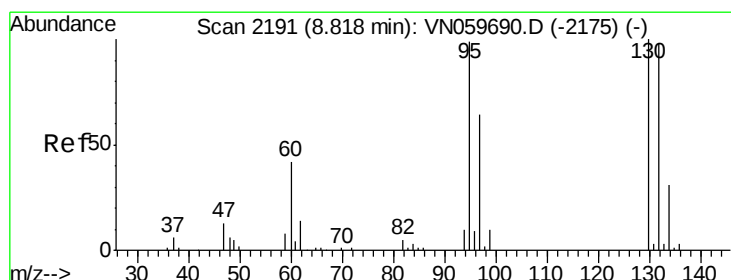
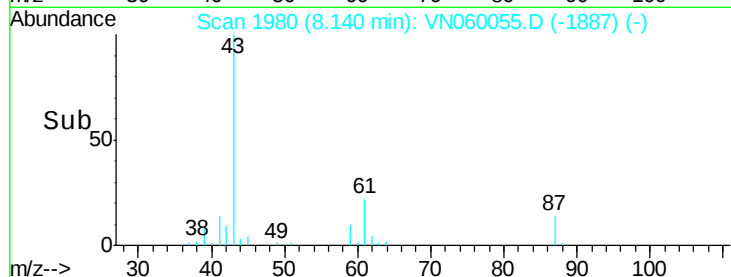
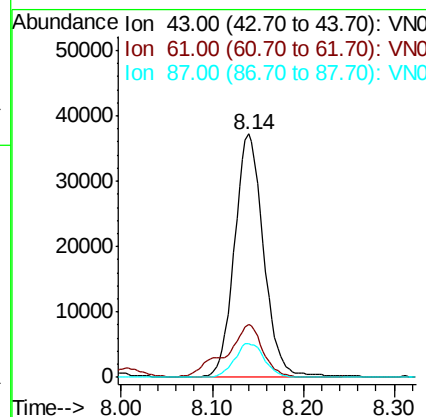
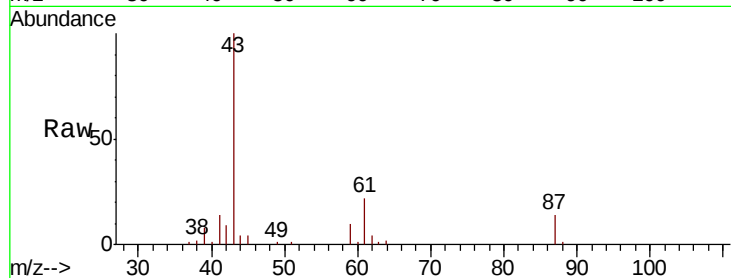
#43
Isopropyl Acetate
Concen: 21.114 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. 0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0211WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.6	20.2	30.2
87	14.1	9.5	14.3

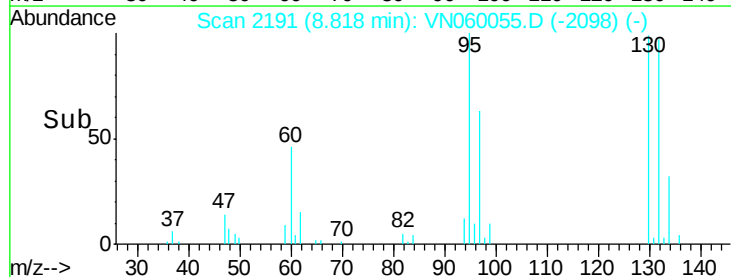
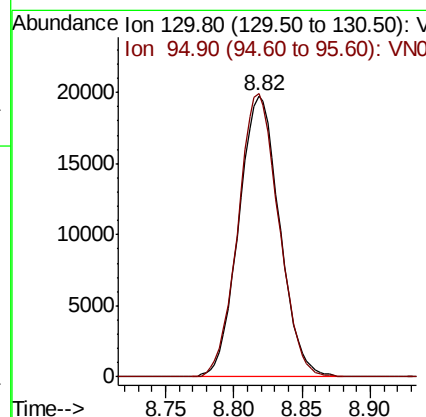
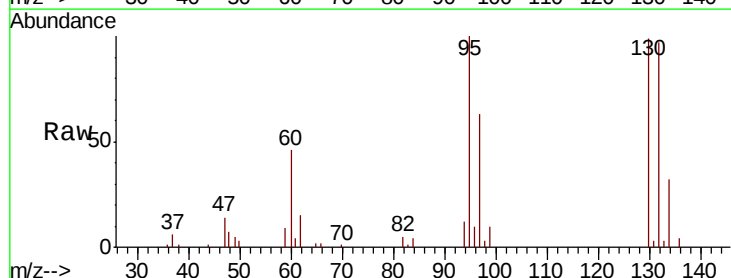
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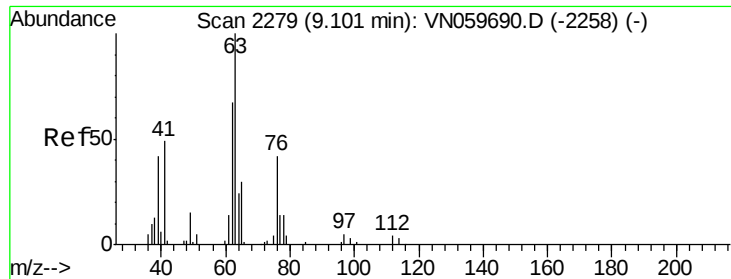
MMDadoda
2/12/2020 3:03:04 PM



#44
Trichloroethene
Concen: 20.722 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. 0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.8	0.0	207.0





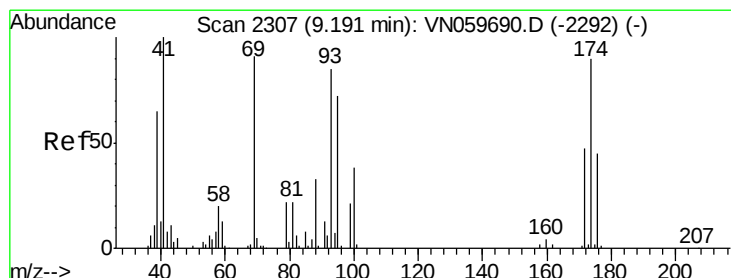
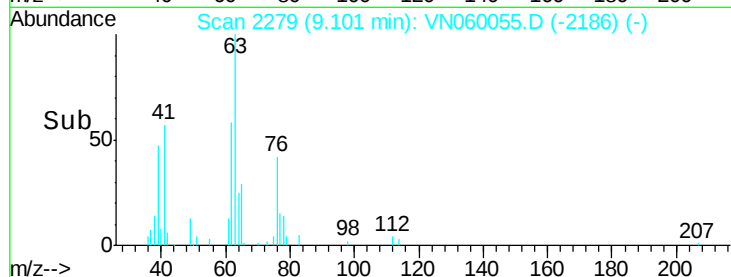
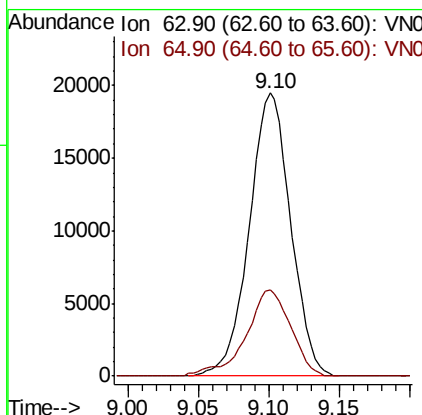
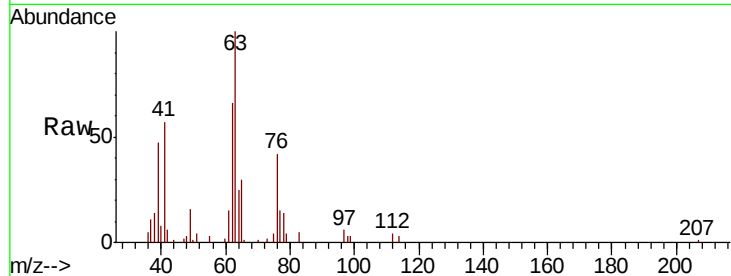
#45
 1,2-Dichloropropane
 Concen: 22.296 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN060055.D
 Acq: 11 Feb 2020 11:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0211WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.3	24.9	37.3

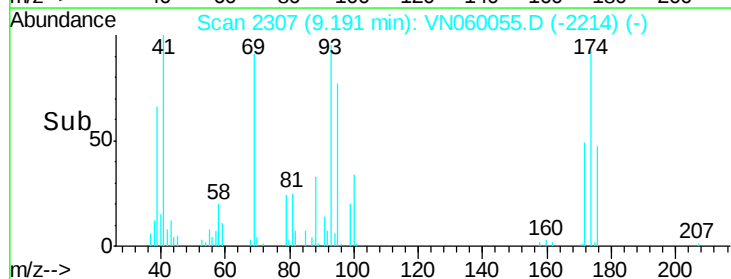
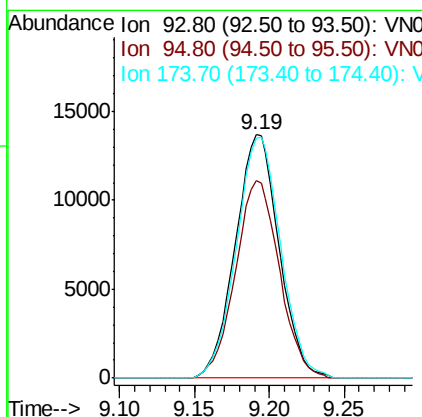
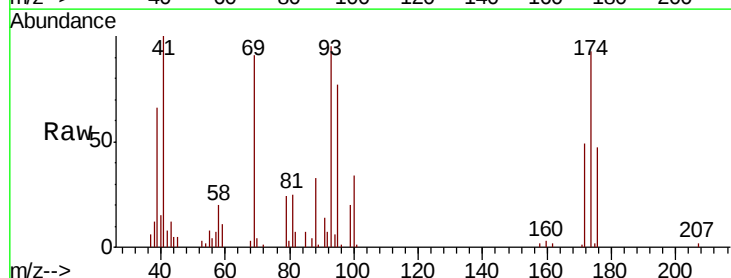
Manual Integrations
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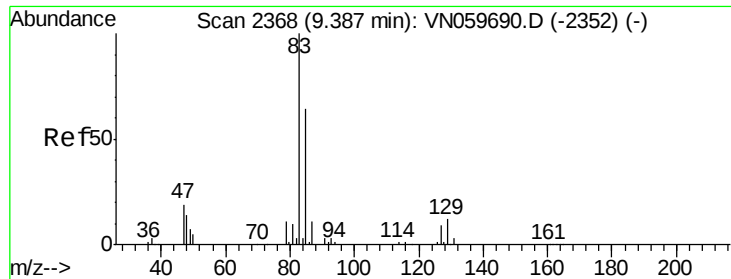
MMDadoda
 2/12/2020 3:03:04 PM



#46
 Dibromomethane
 Concen: 22.024 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN060055.D
 Acq: 11 Feb 2020 11:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.4	67.0	100.6
174	100.5	73.4	110.2





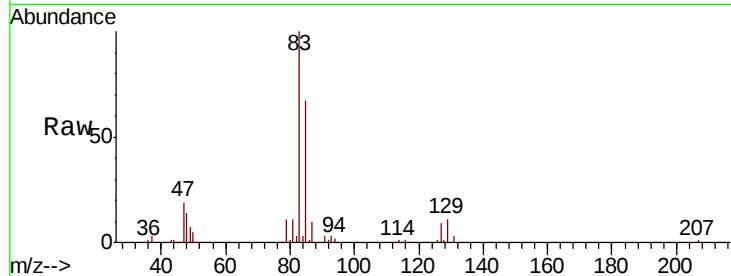
#47
Bromodichloromethane
Concen: 22.369 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0211WBS01

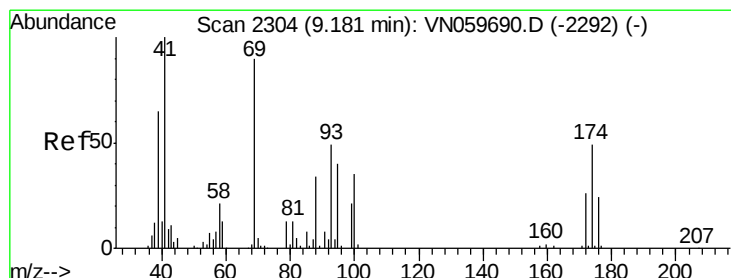
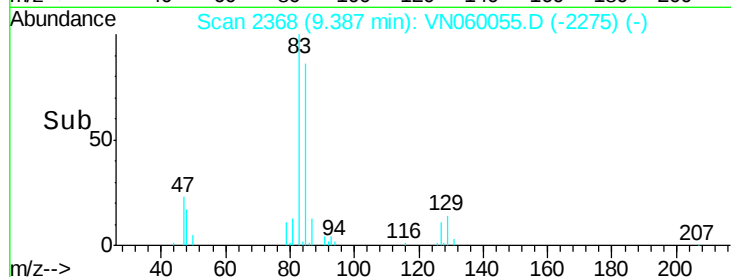
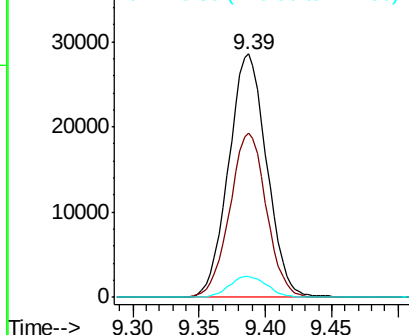
Tot Ion	Ratio	Lower	Upper
83	100		
85	67.5	51.1	76.7
127	8.8	6.6	9.8

Manual Integrations
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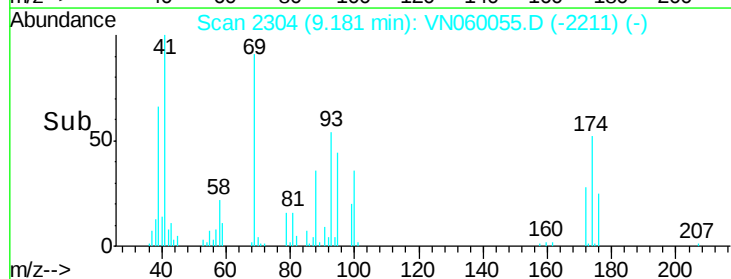
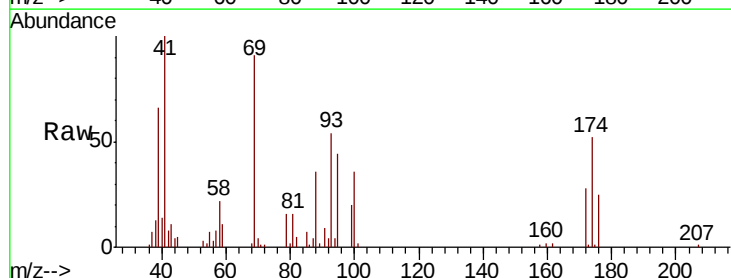
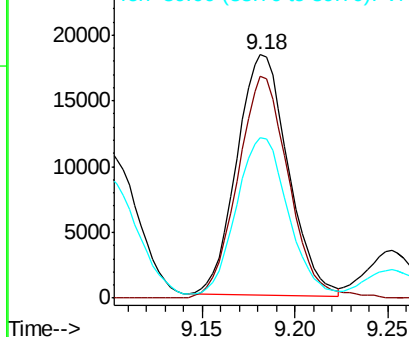
Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0



#48
Methyl methacrylate
Concen: 20.059 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Tgt Ion	Ratio	Lower	Upper
41	100		
69	91.8	64.4	96.6
39	68.2	51.3	76.9

Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





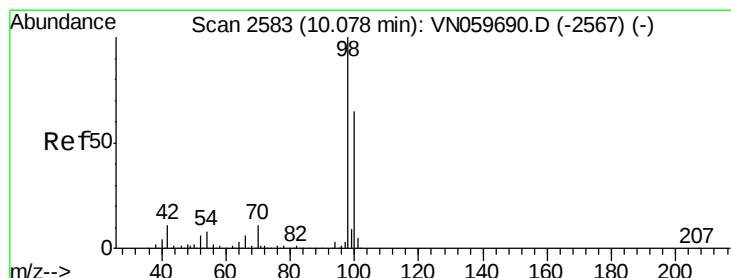
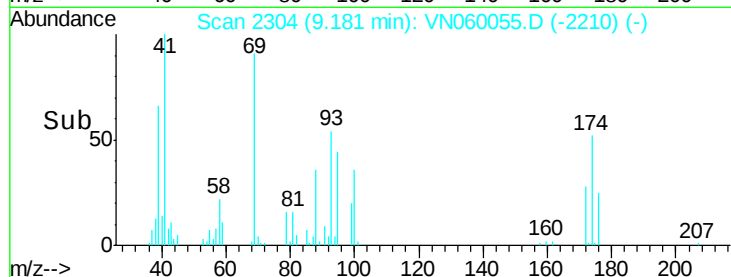
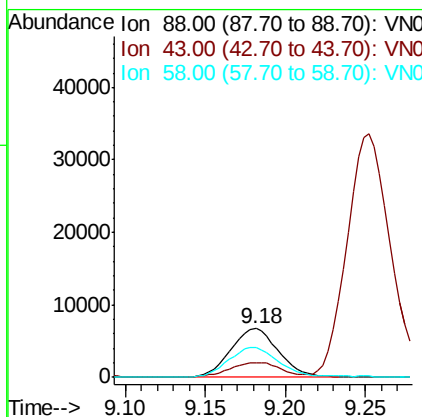
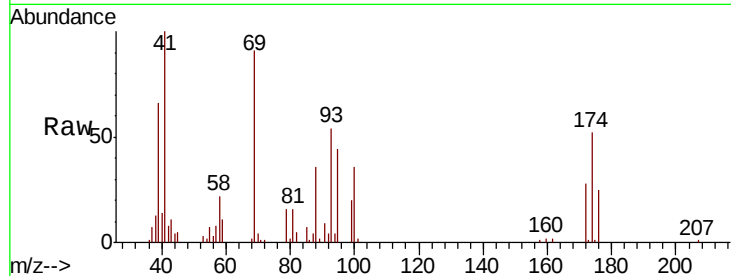
#49
1,4-Dioxane
Concen: 428.223 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0211WBS01

Tot Ion	88	Resp	13743
Ion	Ratio	Lower	Upper
88	100		
43	32.1	29.7	44.5
58	64.3	56.6	85.0

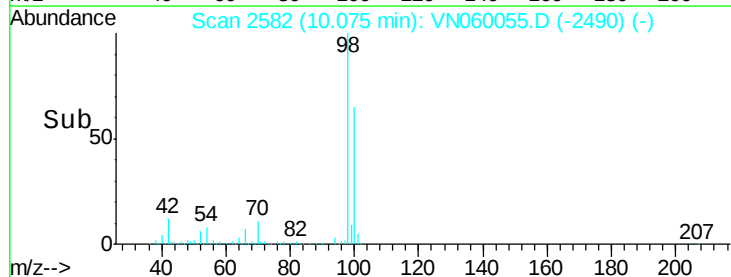
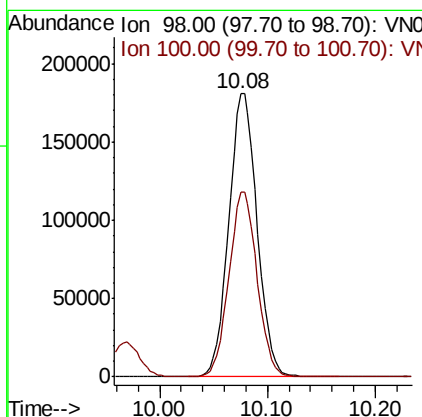
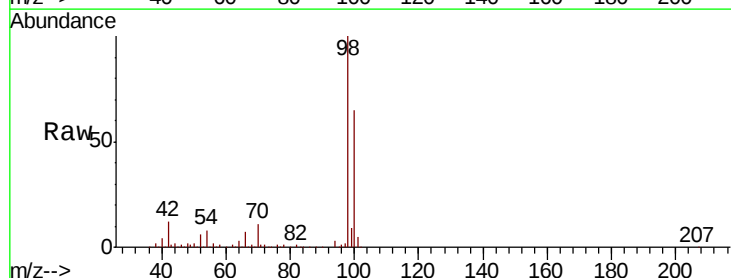
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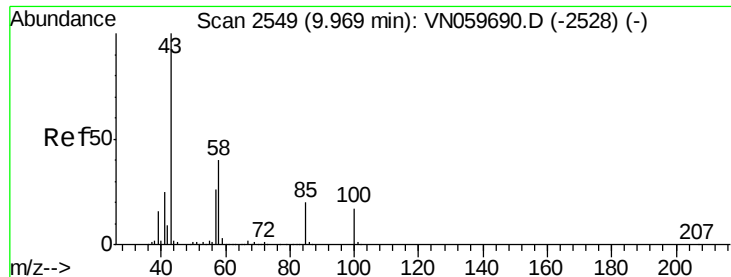
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#50
Toluene-d8
Concen: 51.279 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Tgt Ion	98	Resp	330540
Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 107.448 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN060055.D

Acq: 11 Feb 2020 11:05

Instrument :

MSVOA_N

ClientSampleId :

VN0211WBS01

Tot Ion: 43 Resp: 243440

Ion Ratio Lower Upper

43 100

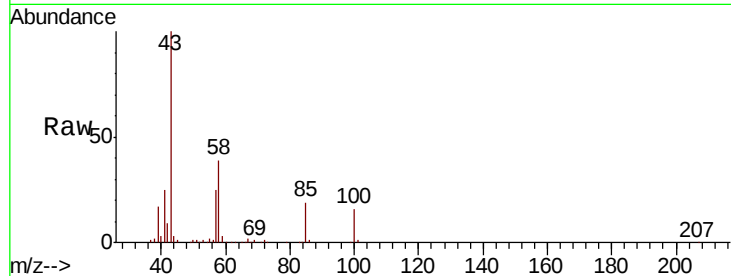
58 38.9 29.8 44.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

150000

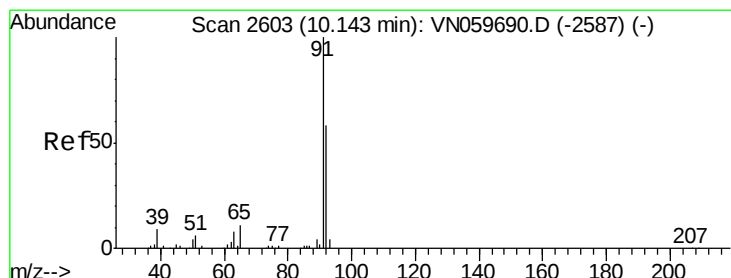
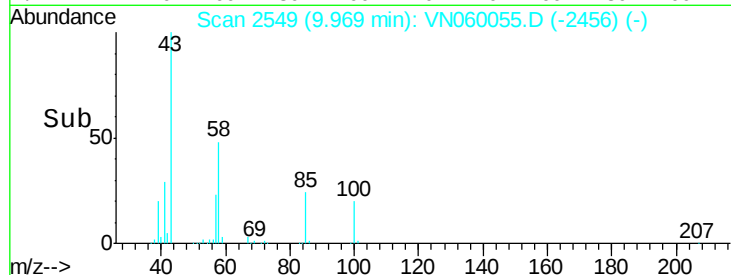
100000

50000

0

9.90 9.97 10.00

Time-->



#52

Toluene

Concen: 20.849 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN060055.D

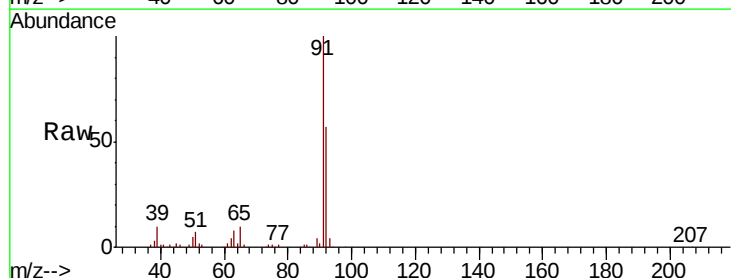
Acq: 11 Feb 2020 11:05

Tgt Ion: 92 Resp: 95419

Ion Ratio Lower Upper

92 100

91 174.3 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

100000

80000

60000

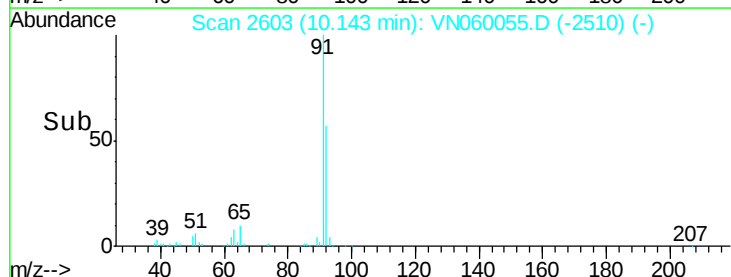
40000

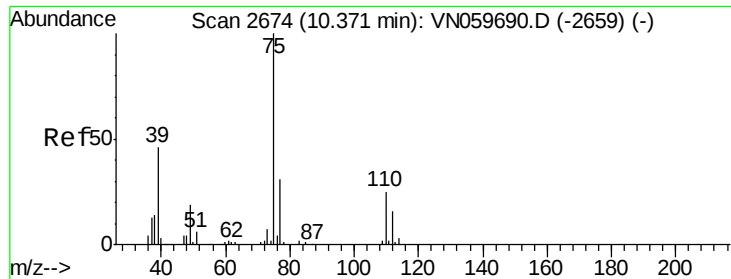
20000

0

10.10 10.14 10.20

Time-->





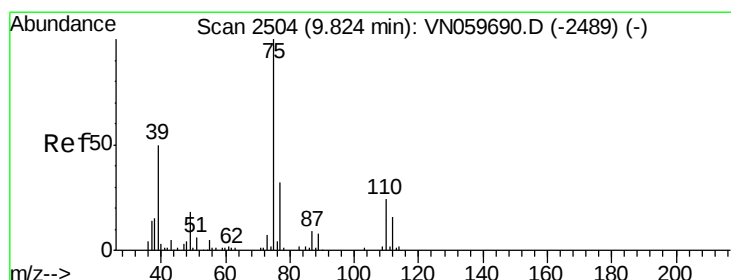
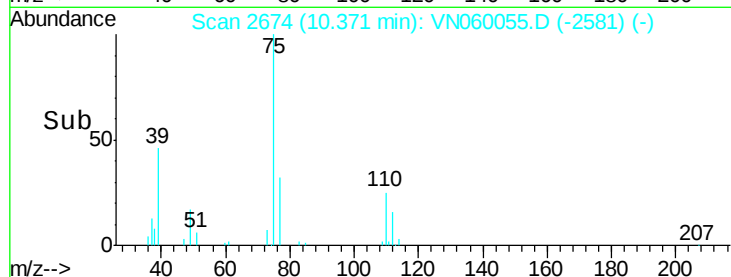
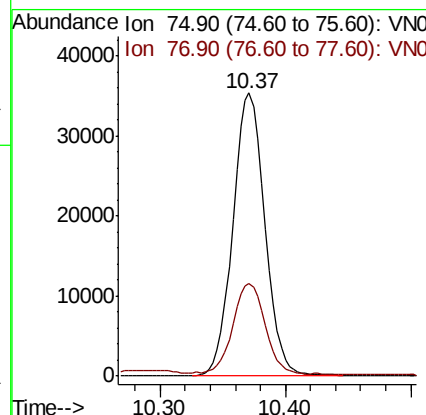
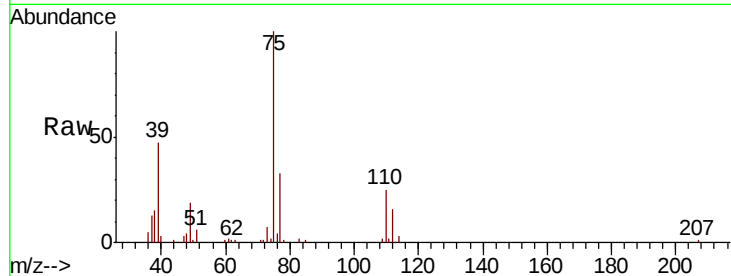
#53
t-1,3-Dichloropropene
Concen: 22.014 ug/l
RT: 10.37 min Scan# 2674
Delta R.T. 0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0211WBS01

Tot Ion: 75 Resp: 62647
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2

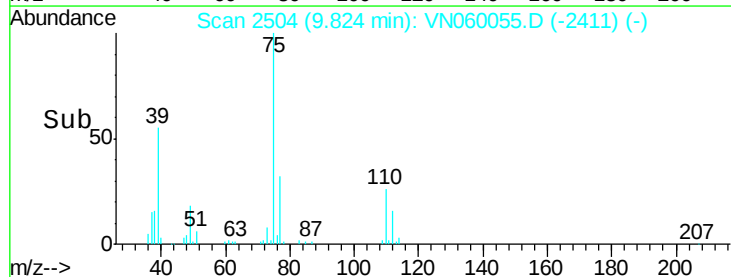
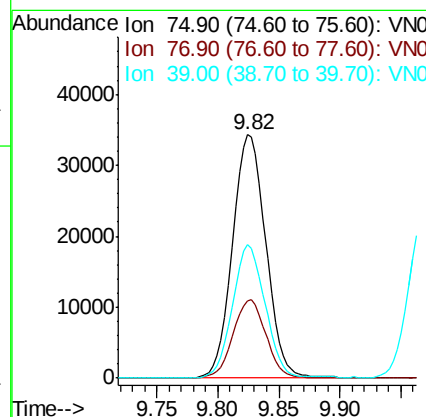
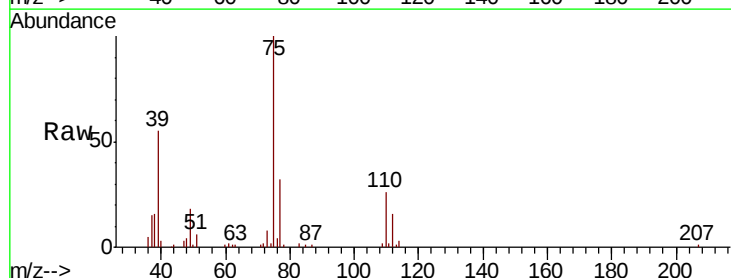
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#54
cis-1,3-Dichloropropene
Concen: 21.841 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. 0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Tgt Ion: 75 Resp: 65399
Ion Ratio Lower Upper
75 100
77 31.8 25.1 37.7
39 54.9 46.1 69.1





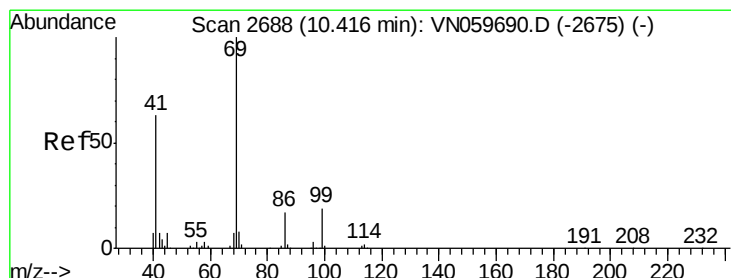
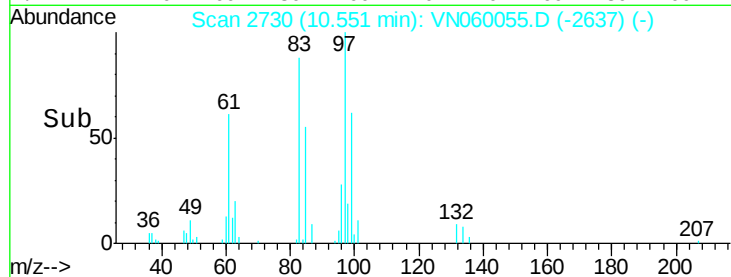
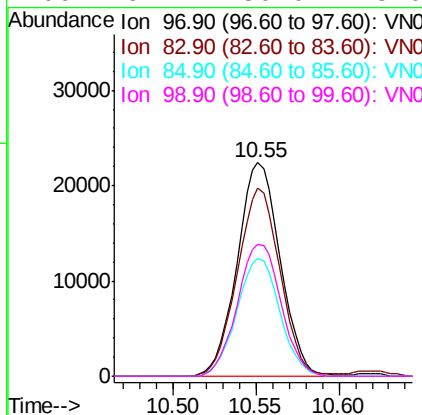
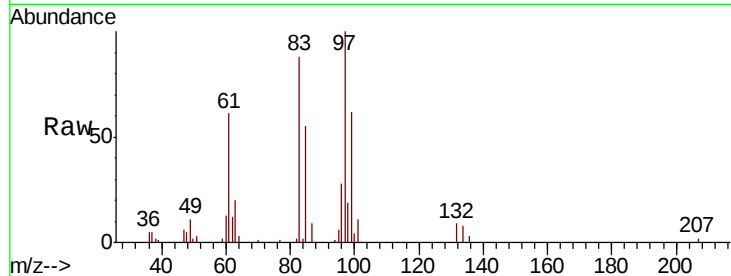
#55
 1,1,2-Trichloroethane
 Concen: 22.239 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN060055.D
 Acq: 11 Feb 2020 11:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0211WBS01

Tot Ion:	97	Resp:	40311
Ion	Ratio	Lower	Upper
97	100		
83	88.0	71.3	106.9
85	55.0	45.8	68.8
99	61.7	50.0	75.0

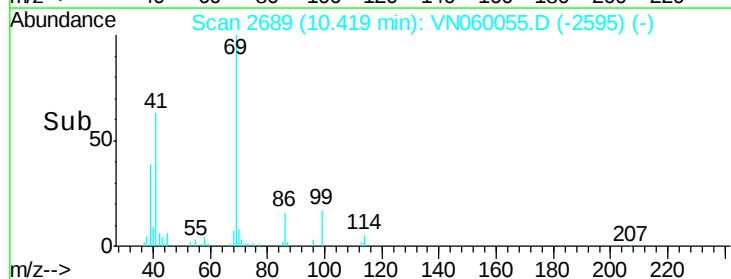
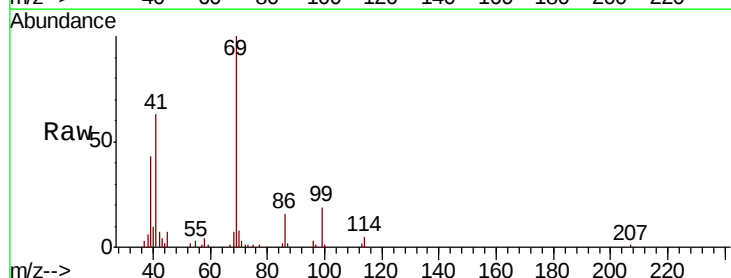
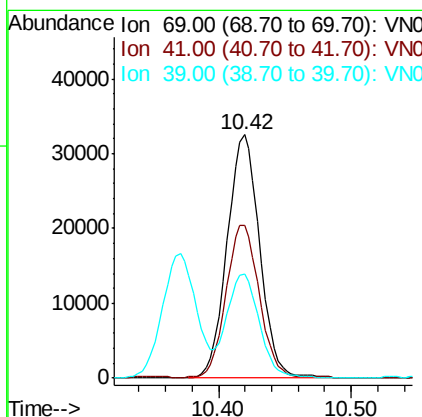
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#56
 Ethyl methacrylate
 Concen: 20.089 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. 0.00 min
 Lab File: VN060055.D
 Acq: 11 Feb 2020 11:05

Tgt Ion:	69	Resp:	55641
Ion	Ratio	Lower	Upper
69	100		
41	64.6	57.1	85.7
39	42.5	34.7	52.1





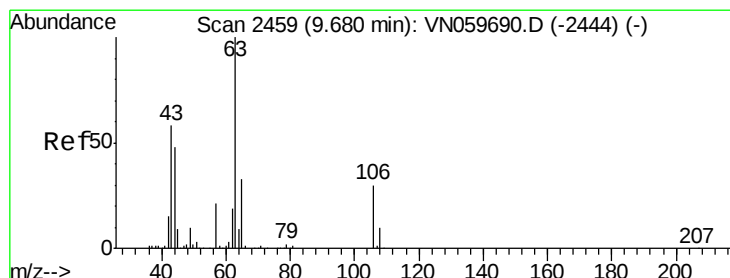
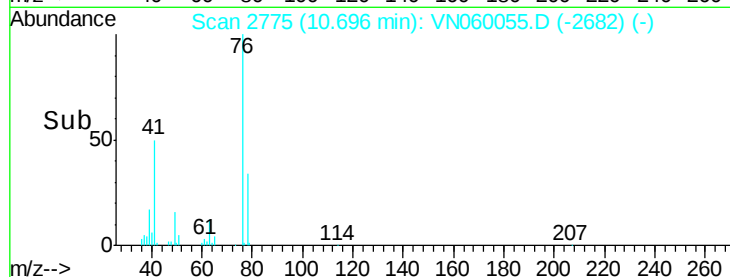
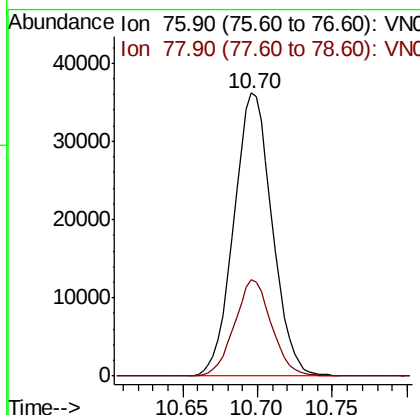
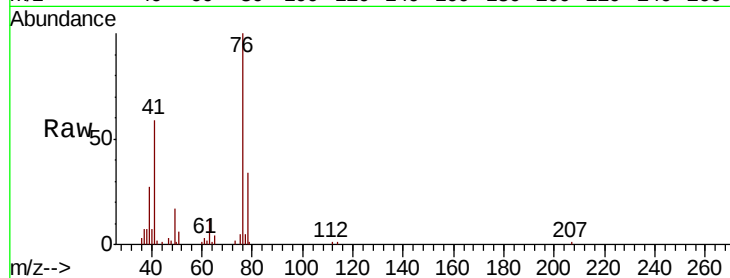
#57
 1,3-Dichloropropane
 Concen: 22.436 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. 0.00 min
 Lab File: VN060055.D
 Acq: 11 Feb 2020 11:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0211WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	25.8	38.8

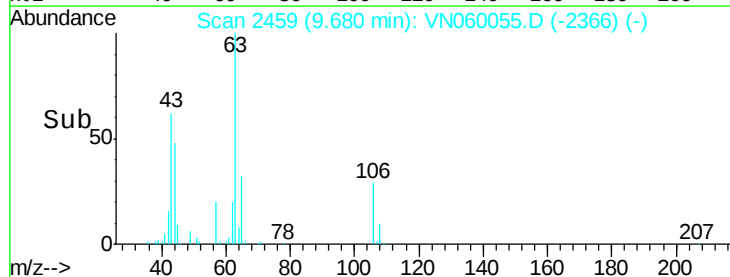
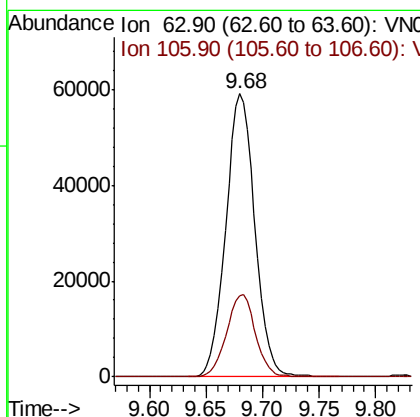
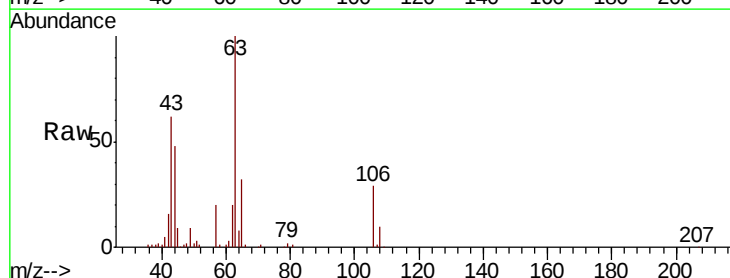
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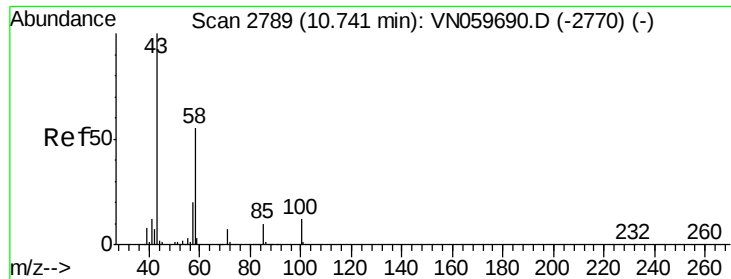
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#58
 2-Chloroethyl Vinyl ether
 Concen: 126.373 ug/l
 RT: 9.68 min Scan# 2459
 Delta R.T. 0.00 min
 Lab File: VN060055.D
 Acq: 11 Feb 2020 11:05

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.9	20.2	30.2





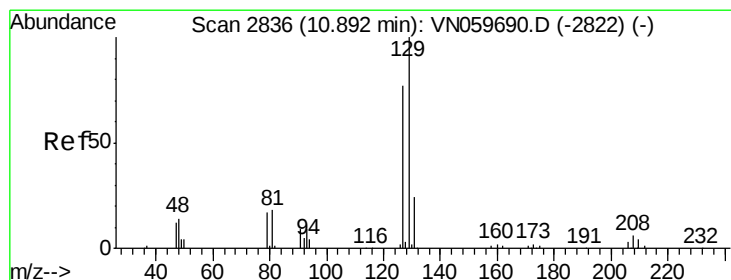
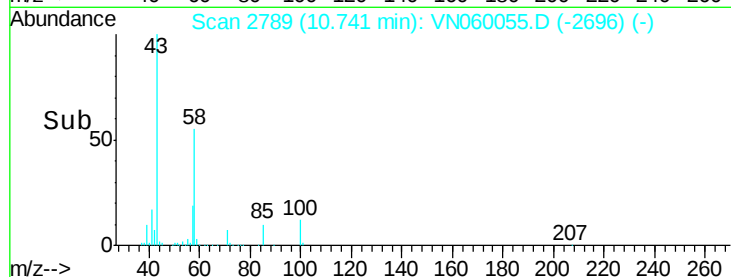
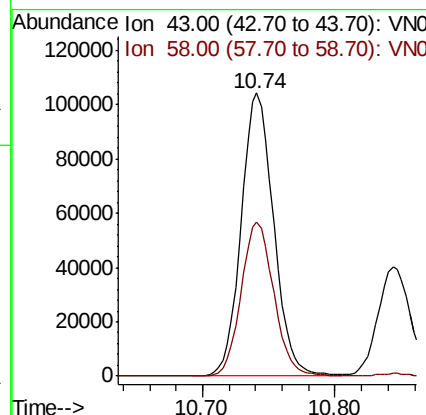
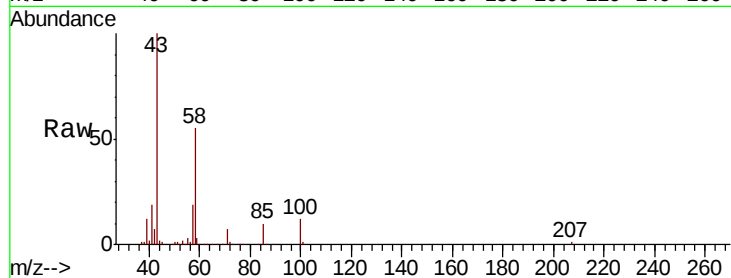
#59
2-Hexanone
Concen: 106.433 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0211WBS01

Tot Ion: 43 Resp: 177649
Ion Ratio Lower Upper
43 100
58 54.7 25.8 77.3

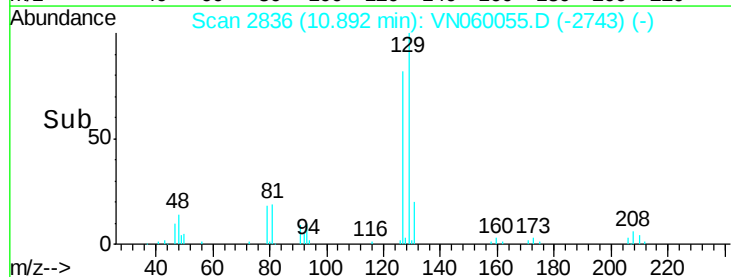
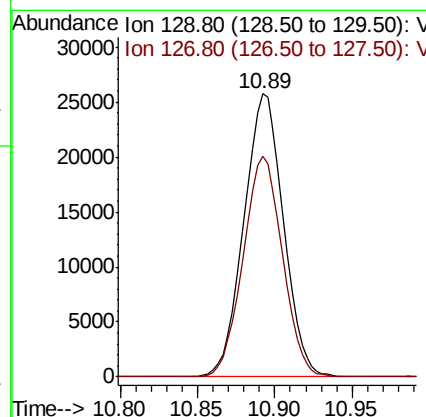
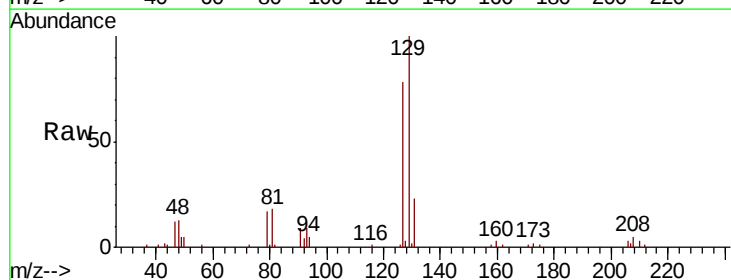
Manual Integrations
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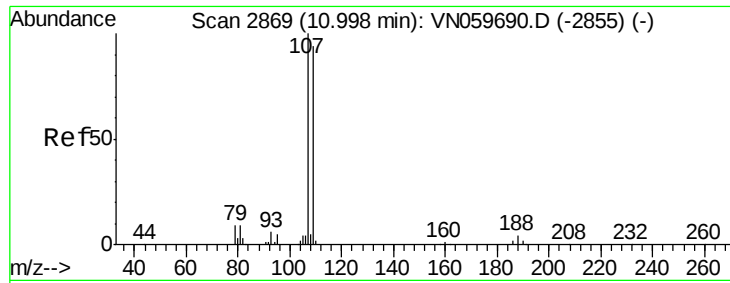
MMDadoda
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#60
Dibromochloromethane
Concen: 22.214 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Tgt Ion: 129 Resp: 45852
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5





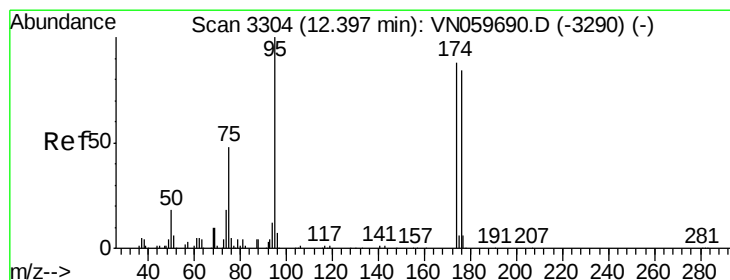
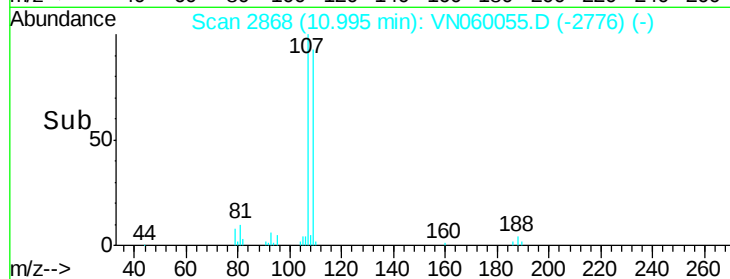
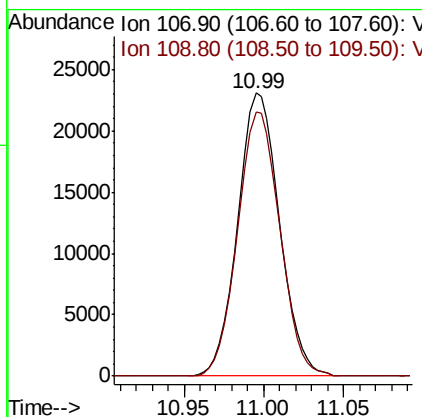
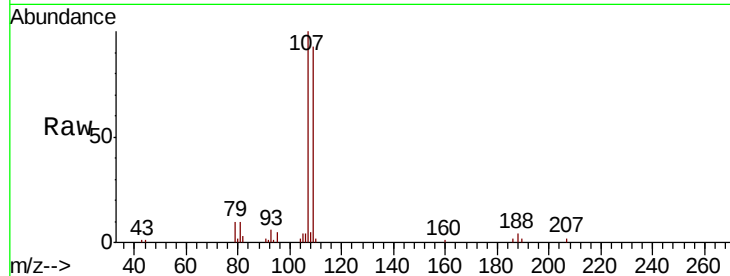
#61
 1,2-Dibromoethane
 Concen: 21.618 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060055.D
 Acq: 11 Feb 2020 11:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0211WBS01

Tot Ion: 107 Resp: 41070
 Ion Ratio Lower Upper
 107 100
 109 94.3 76.6 115.0

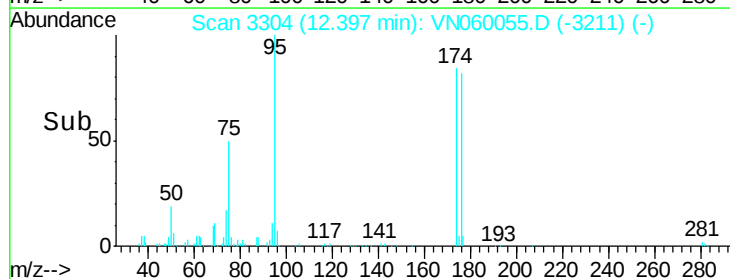
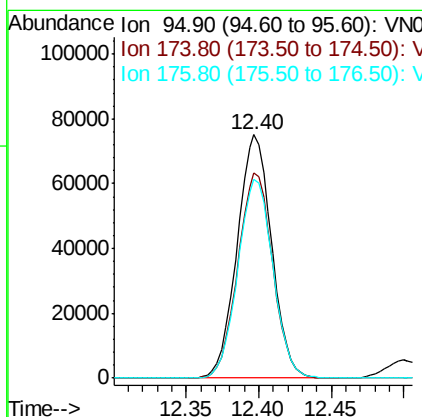
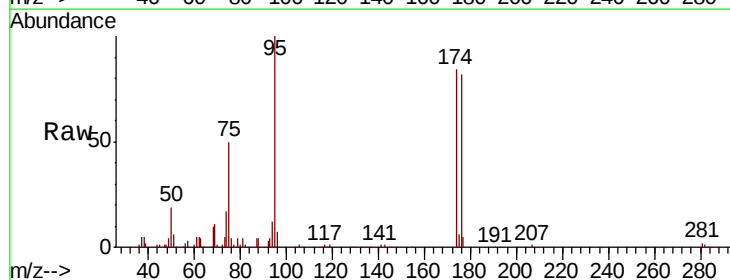
Manual Integrations
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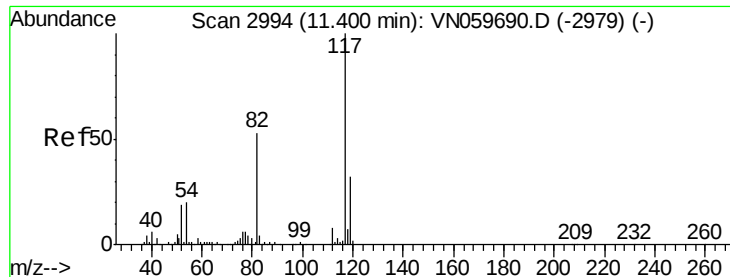
MMDadoda
 2/12/2020 3:03:04 PM



#62
 4-Bromofluorobenzene
 Concen: 53.327 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060055.D
 Acq: 11 Feb 2020 11:05

Tgt Ion: 95 Resp: 123920
 Ion Ratio Lower Upper
 95 100
 174 85.3 0.0 151.4
 176 83.2 0.0 146.0





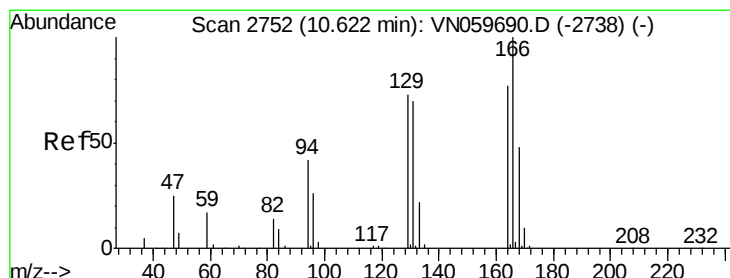
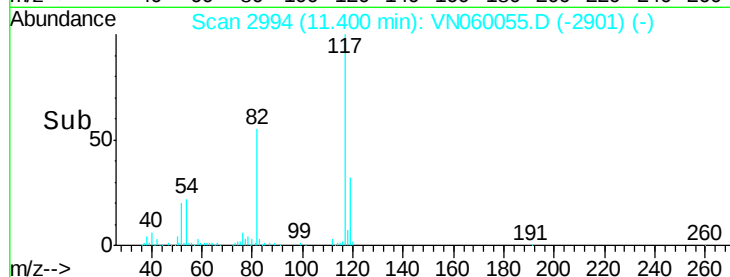
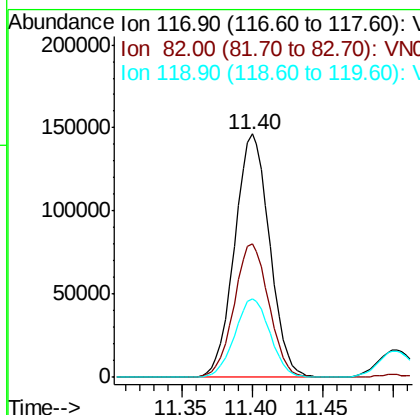
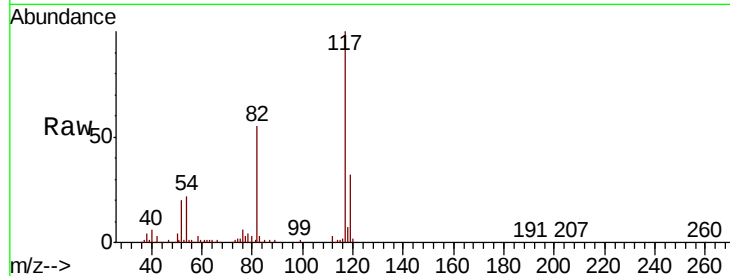
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0211WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	254527		
82	54.9		45.9	68.9
119	32.3		25.5	38.3

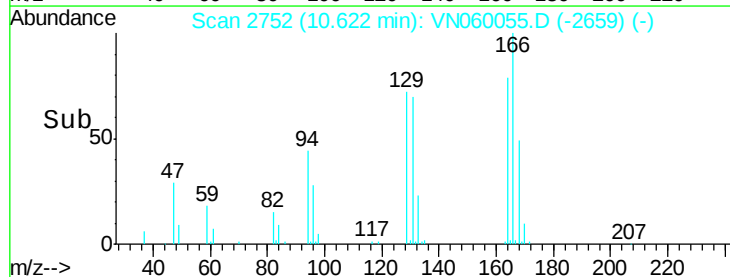
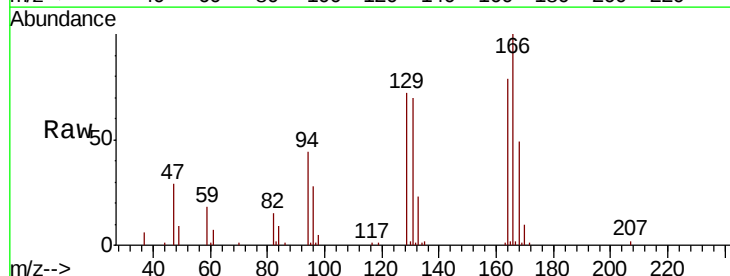
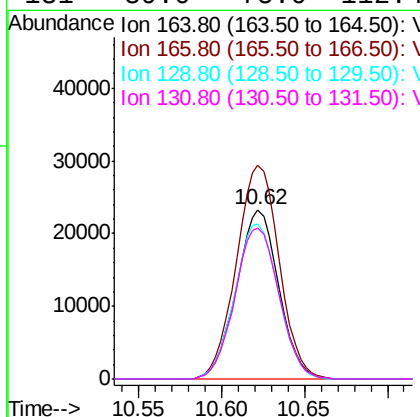
Manual Integrations
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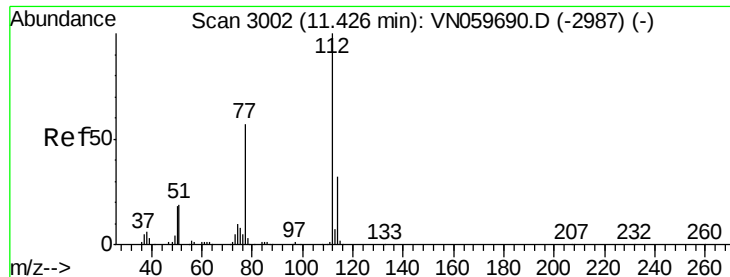
MMDadoda
2/12/2020 3:03:04 PM



#64
Tetrachloroethene
Concen: 19.864 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	41207		
166	126.2		101.4	152.0
129	91.5		80.2	120.4
131	89.0		75.0	112.4





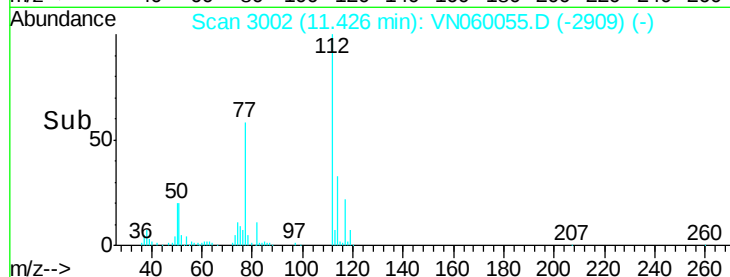
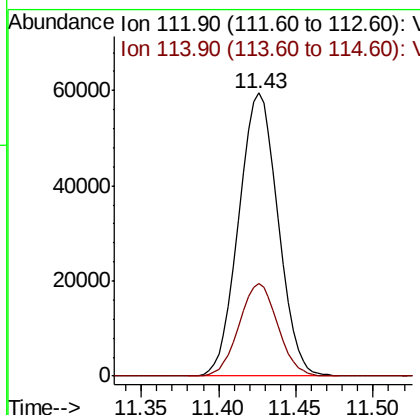
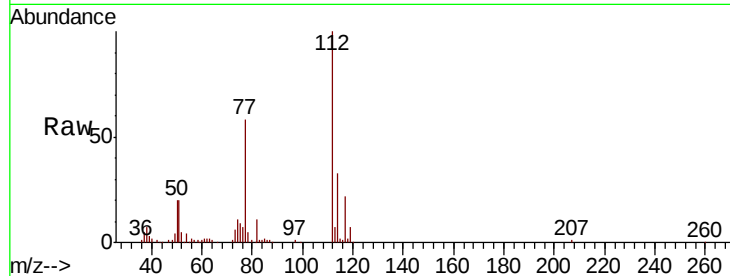
#65
Chlorobenzene
Concen: 21.070 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0211WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.8	38.8

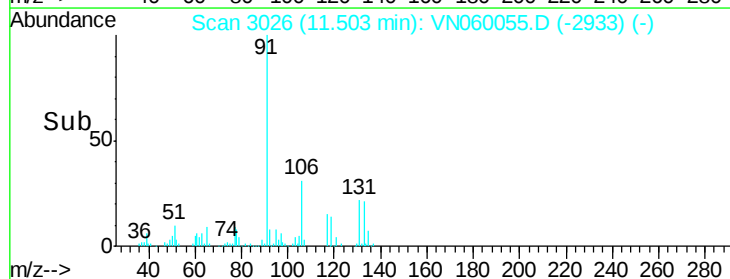
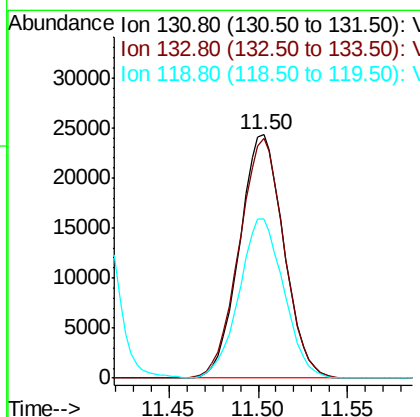
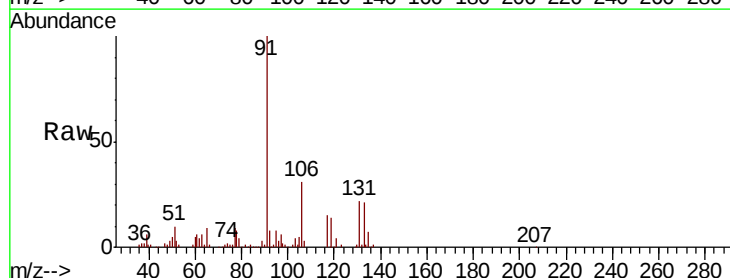
Manual Integrations
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.819 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Tgt Ion	Ratio	Lower	Upper
131	100		
133	99.9	47.4	142.2
119	66.0	33.1	99.3





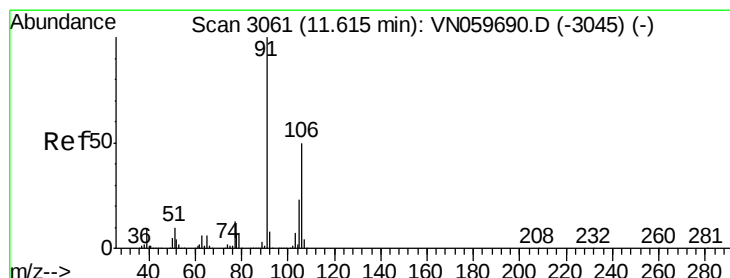
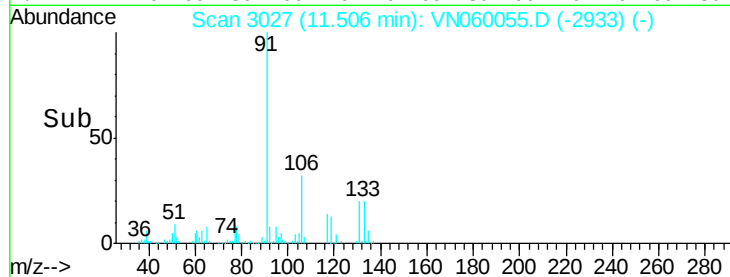
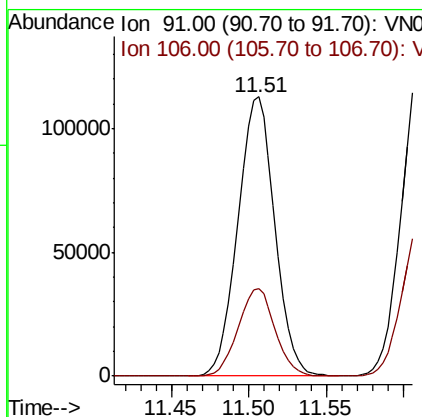
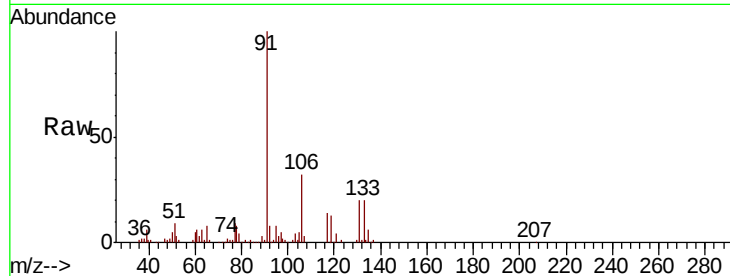
#67
Ethyl Benzene
Concen: 20.652 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Instrument :
MSVOA_N
ClientSampled :
VN0211WBS01

Tot Ion: 91 Resp: 187556
Ion Ratio Lower Upper
91 100
106 31.5 24.1 36.1

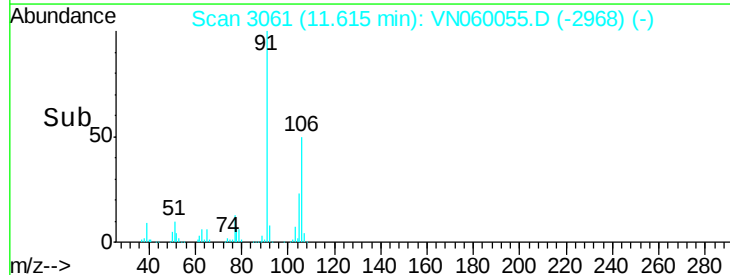
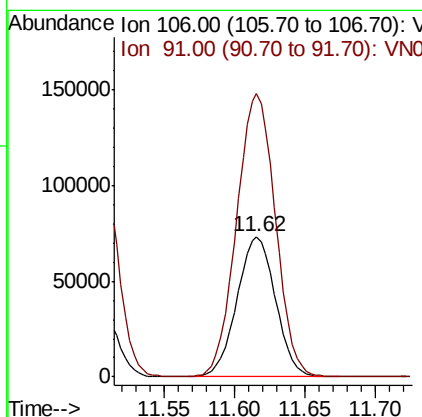
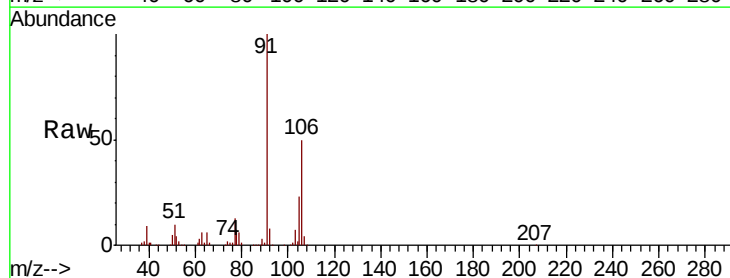
Manual Integrations
APPROVED

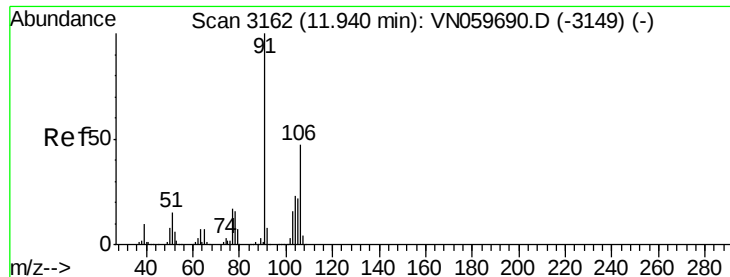
MMDadoda
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#68
m/p-Xylenes
Concen: 40.776 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Tgt Ion: 106 Resp: 139882
Ion Ratio Lower Upper
106 100
91 203.5 167.9 251.9





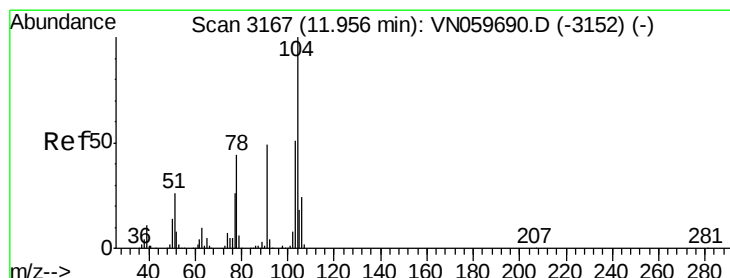
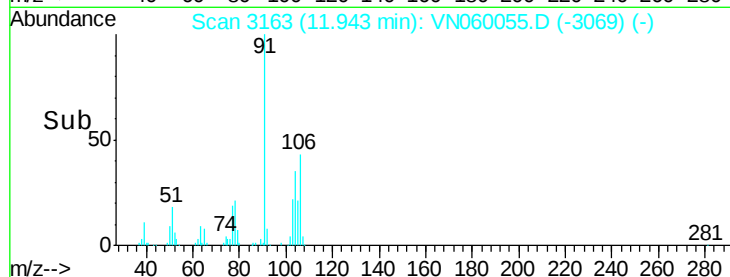
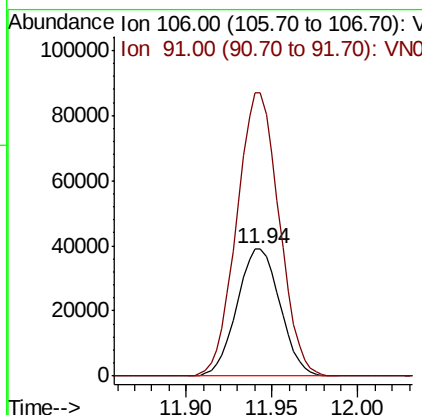
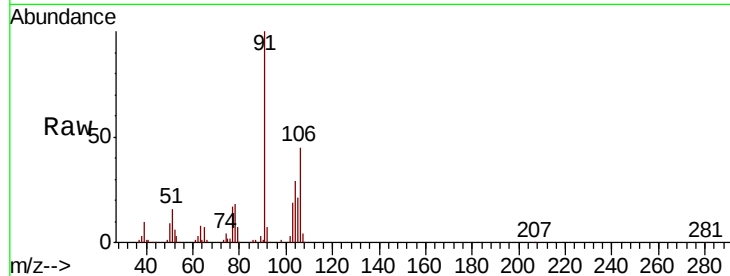
#69
o-Xylene
Concen: 20.165 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0211WBS01

Tot Ion:106 Resp: 67725
Ion Ratio Lower Upper
106 100
91 219.9 110.3 330.9

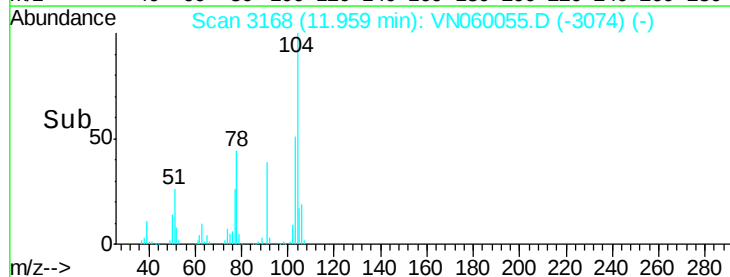
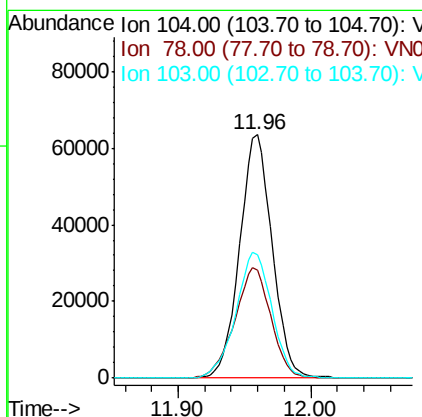
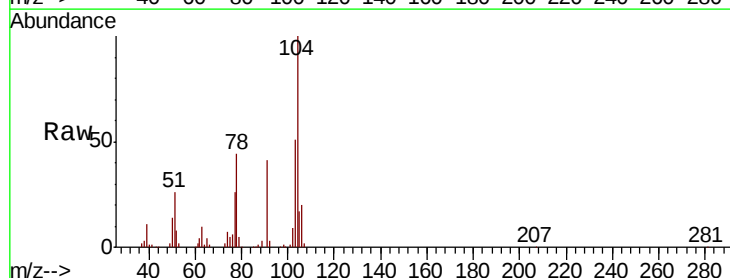
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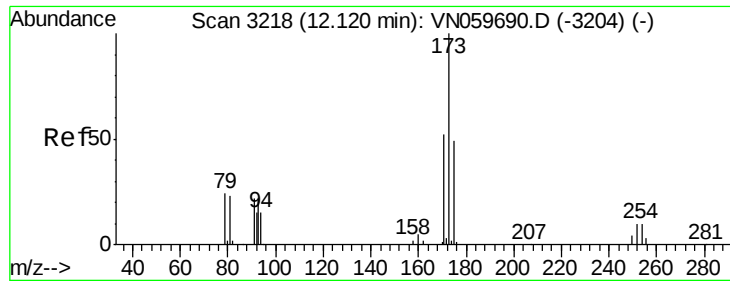
MMDadoda
2/12/2020 3:03:04 PM



#70
Styrene
Concen: 19.281 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Tgt Ion:104 Resp: 108356
Ion Ratio Lower Upper
104 100
78 50.4 42.4 63.6
103 56.9 43.9 65.9





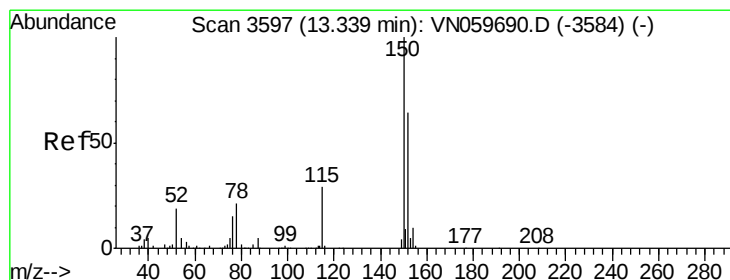
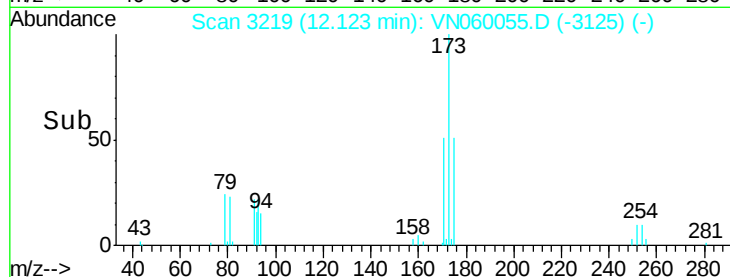
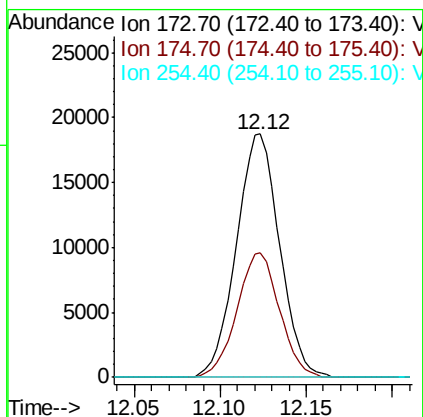
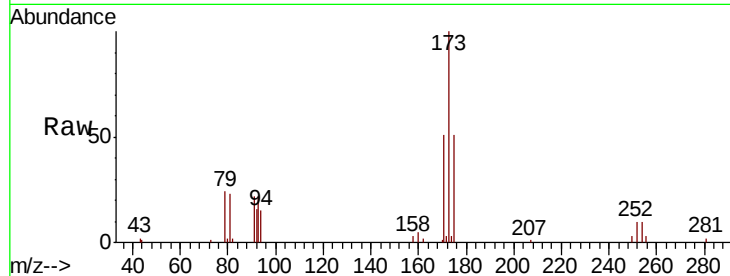
#71
Bromoform
Concen: 21.130 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. 0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Instrument :
MSVOA_N
ClientSampled :
VN0211WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.3	23.8	71.4
254	0.0	0.0	0.0

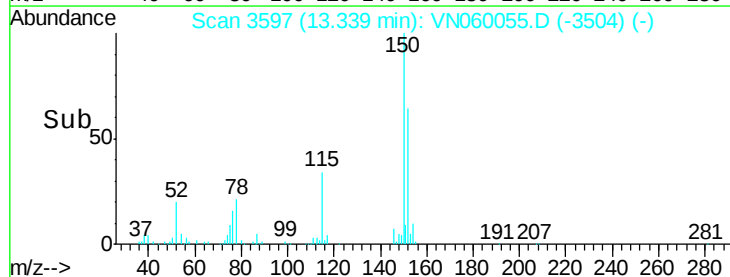
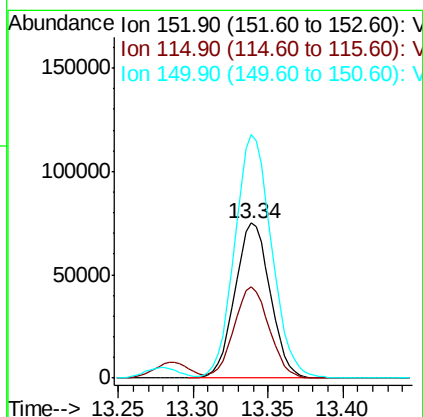
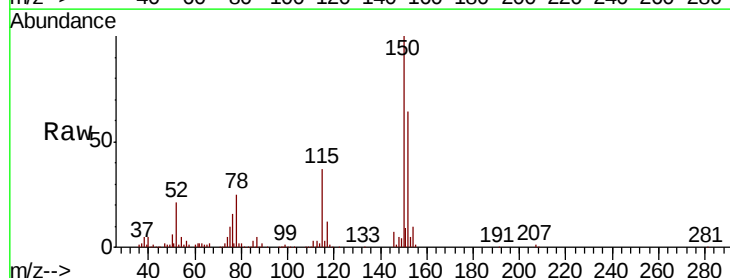
Manual Integrations
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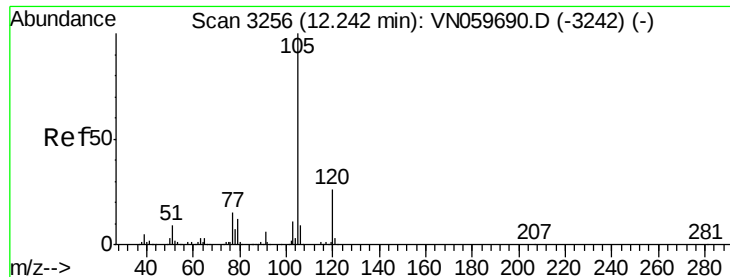
MMDadoda
2/12/2020 3:03:04 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.8	30.3	90.9
150	163.3	0.0	345.2





#73

Isopropylbenzene

Concen: 20.927 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN060055.D

Acq: 11 Feb 2020 11:05

Instrument :

MSVOA_N

ClientSampleId :

VN0211WBS01

Tot Ion: 105 Resp: 189382

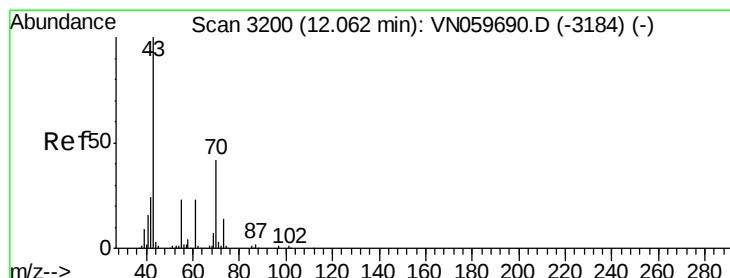
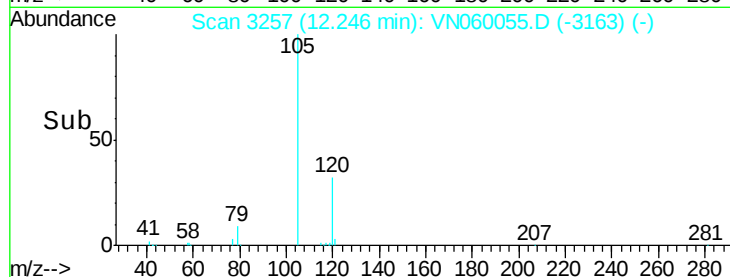
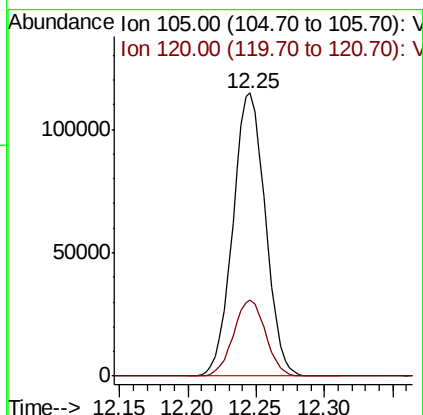
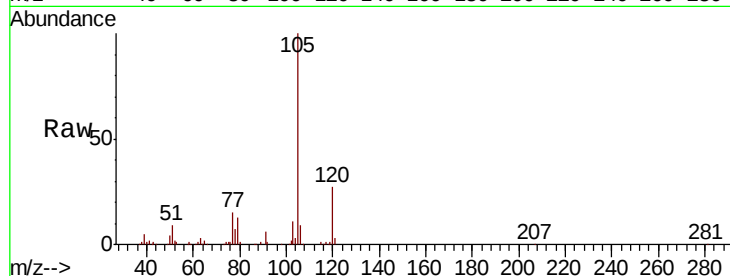
Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.5

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#74

N-ethyl acetate

Concen: 19.502 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN060055.D

Acq: 11 Feb 2020 11:05

Tgt Ion: 43 Resp: 68480

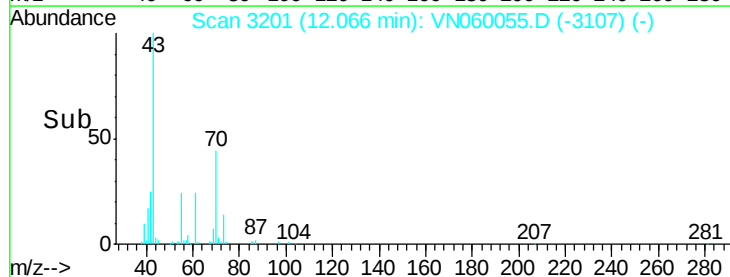
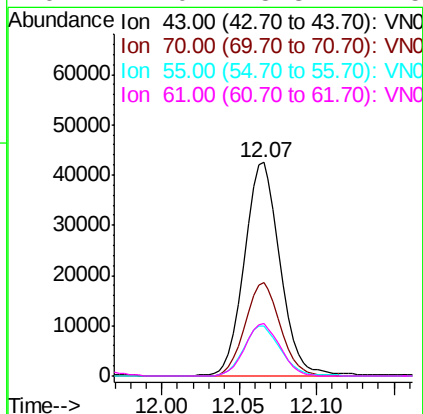
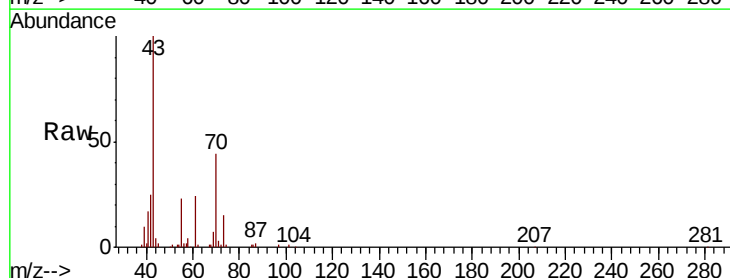
Ion Ratio Lower Upper

43 100

70 43.0 31.3 46.9

55 24.2 19.8 29.6

61 24.0 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 21.537 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060055.D

Acq: 11 Feb 2020 11:05

Instrument :

MSVOA_N

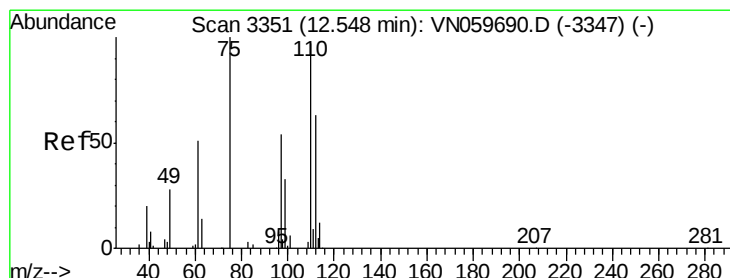
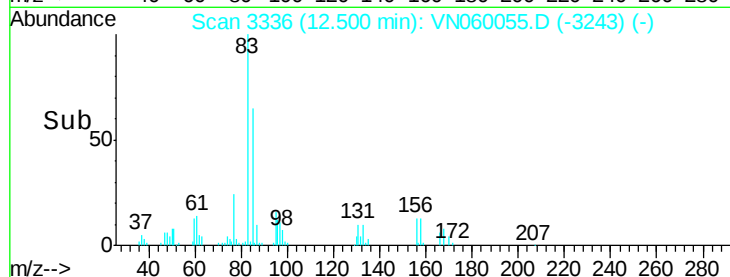
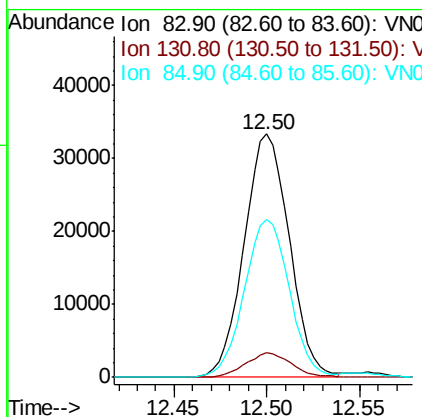
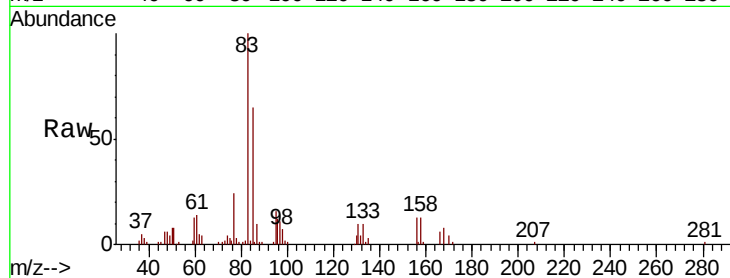
ClientSampleId :

VN0211WBS01

Tot Ion:	83	Resp:	56502
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.0	14.9
85	64.6	31.9	95.5

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#76

1,2,3-Trichloropropane

Concen: 23.407 ug/l m

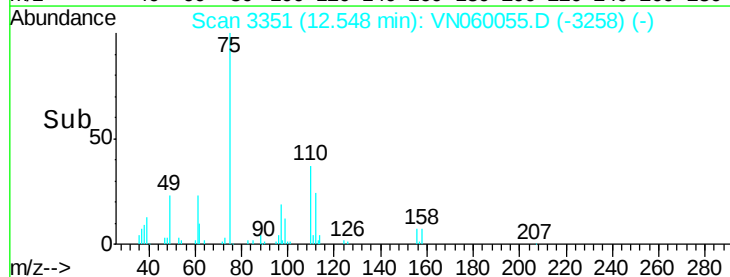
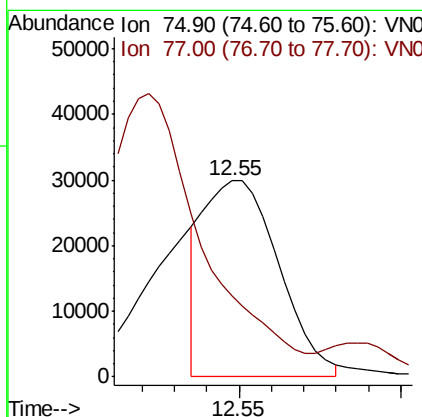
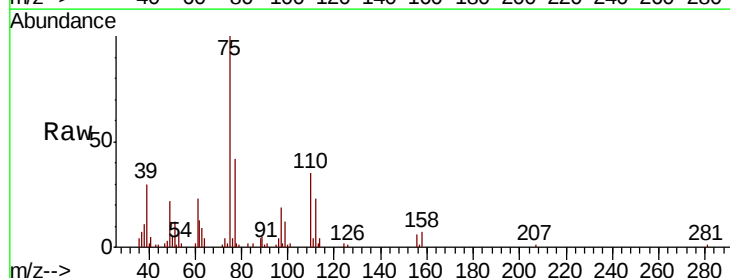
RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060055.D

Acq: 11 Feb 2020 11:05

Tgt Ion:	75	Resp:	48607
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.366 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN060055.D

Acq: 11 Feb 2020 11:05

Instrument :

MSVOA_N

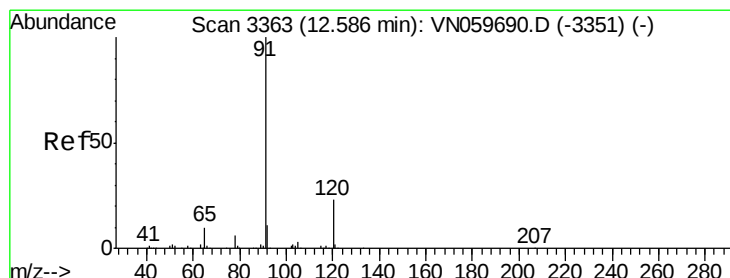
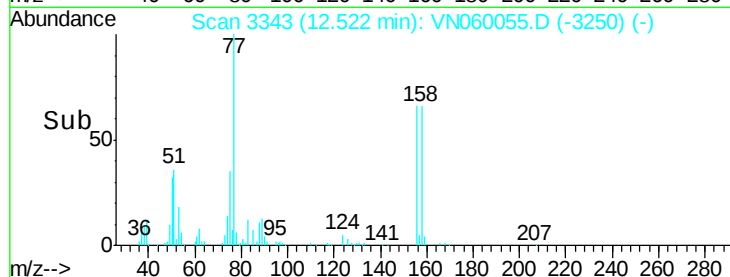
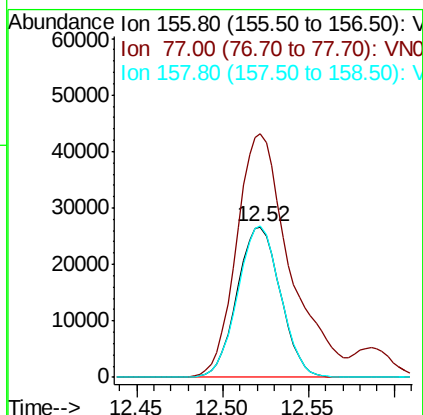
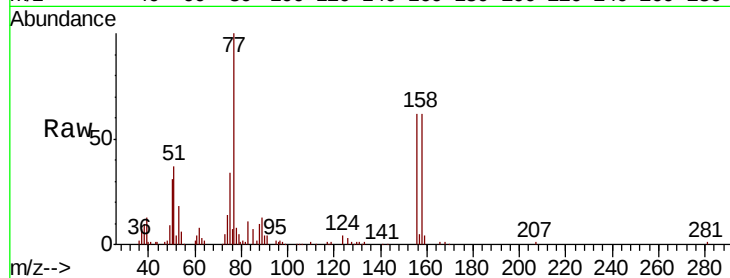
ClientSampleId :

VN0211WBS01

Tot Ion:	156	Resp:	46672
Ion	Ratio	Lower	Upper
156	100		
77	198.8	115.8	347.4
158	99.5	49.2	147.6

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#78

n-propylbenzene

Concen: 20.732 ug/l

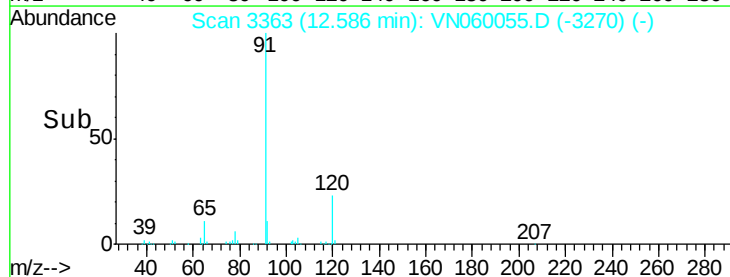
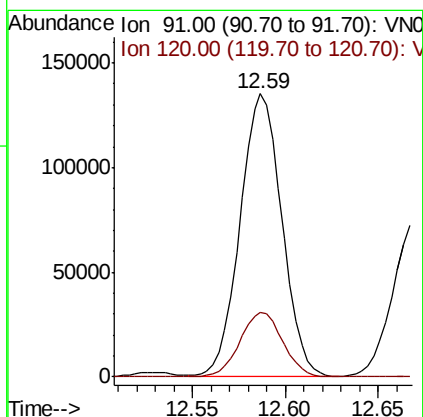
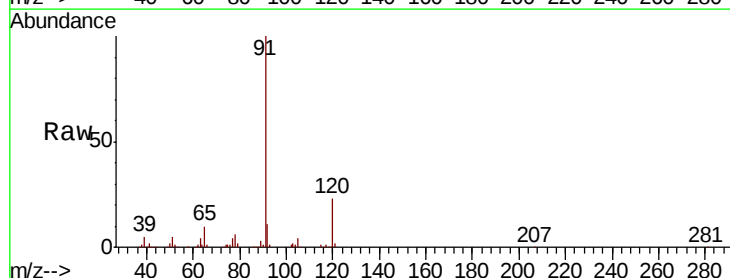
RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060055.D

Acq: 11 Feb 2020 11:05

Tgt Ion:	91	Resp:	210577
Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.1	33.3





#79

2-Chlorotoluene

Concen: 20.752 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN060055.D

Acq: 11 Feb 2020 11:05

Instrument :

MSVOA_N

ClientSampleId :

VN0211WBS01

Tot Ion: 91 Resp: 125394

Ion Ratio Lower Upper

91 100

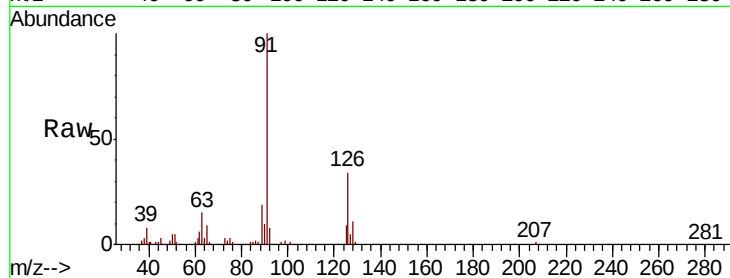
126 34.6 16.3 48.9

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN060055.D (-3296) (-)

Ion 125.90 (125.60 to 126.60): VN060055.D (-3296) (-)

150000

100000

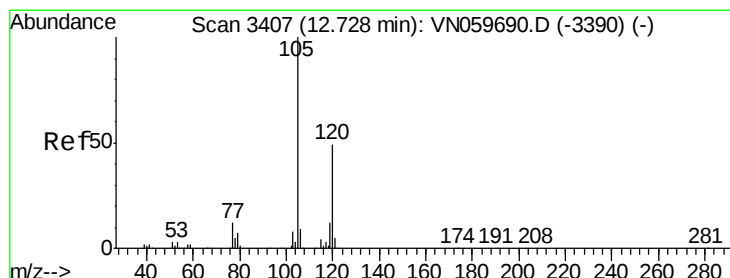
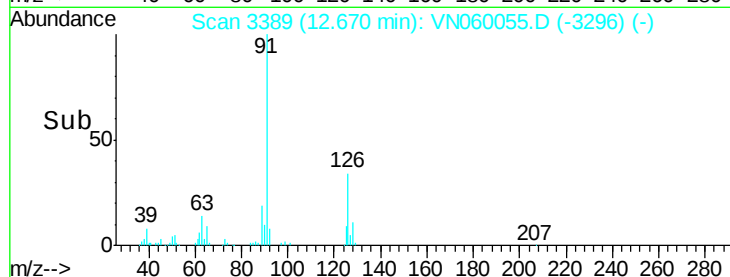
50000

0

12.60 12.65 12.70

12.67

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.744 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN060055.D

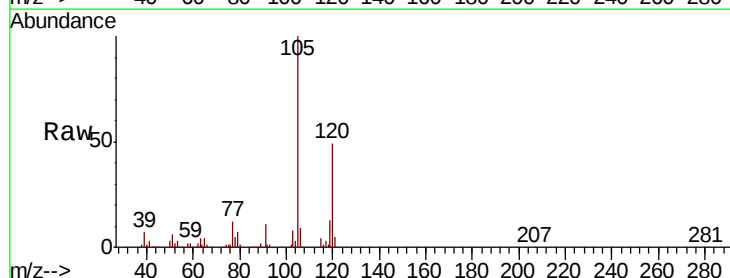
Acq: 11 Feb 2020 11:05

Tgt Ion: 105 Resp: 157874

Ion Ratio Lower Upper

105 100

120 47.7 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN060055.D (-3314) (-)

Ion 120.00 (119.70 to 120.70): VN060055.D (-3314) (-)

100000

80000

60000

40000

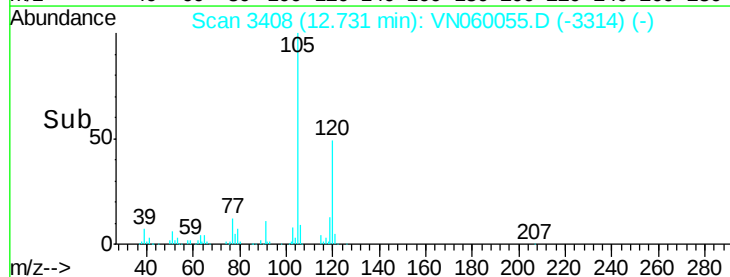
20000

0

12.65 12.70 12.75 12.80

12.73

Time-->





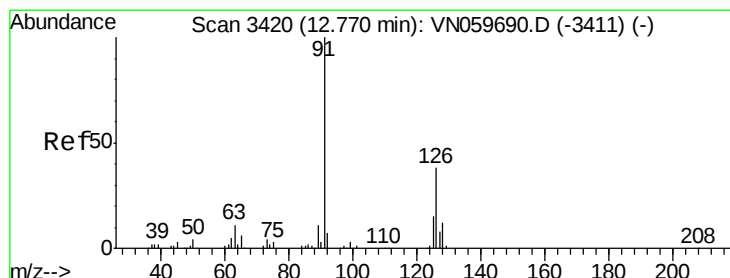
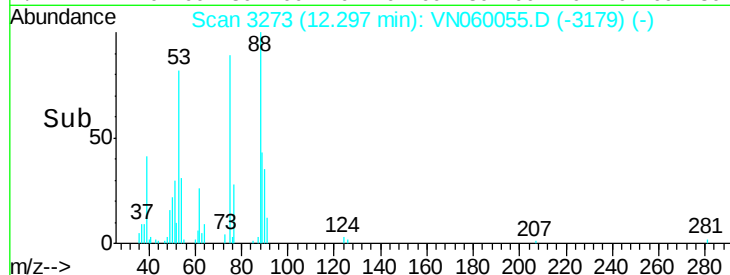
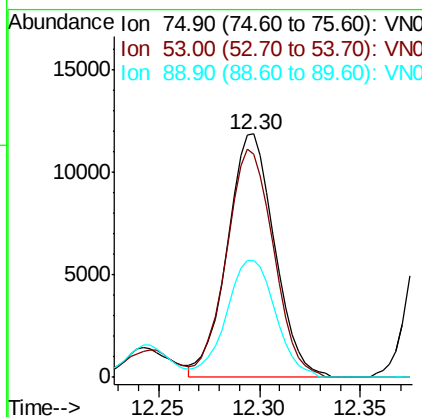
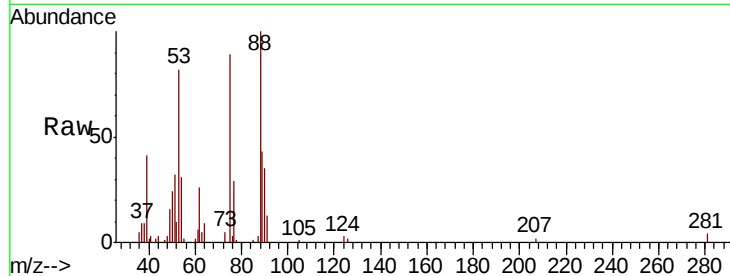
#81
trans-1,4-Dichloro-2-butene
Concen: 20.144 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. 0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0211WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.3	78.1	117.1
89	49.8	35.4	53.2

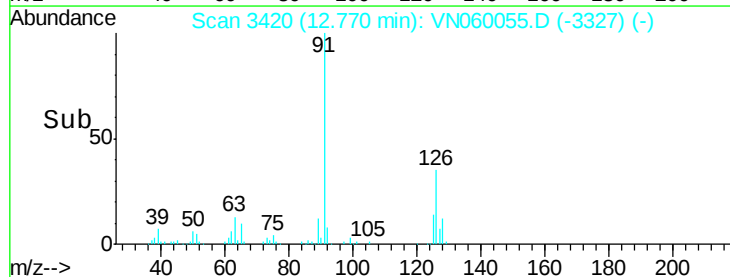
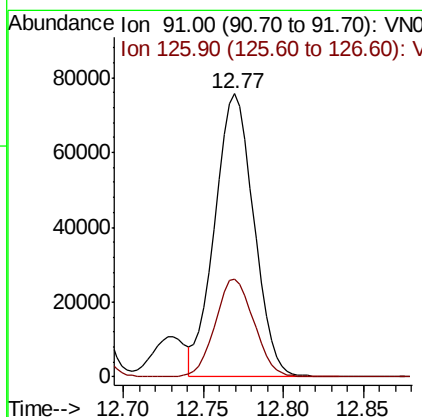
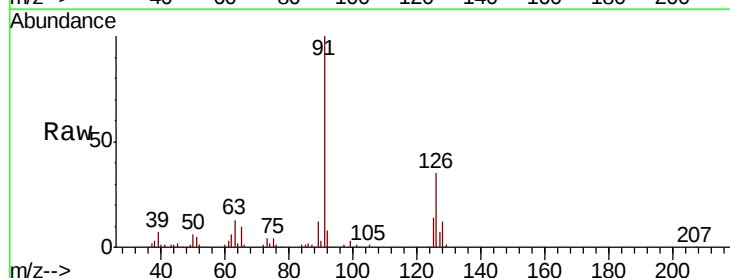
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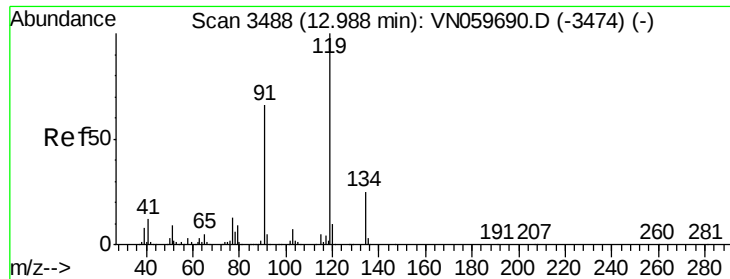
MMDadoda
2/12/2020 3:03:04 PM



#82
4-Chlorotoluene
Concen: 21.009 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.1	16.3	48.8





#83

tert-Butylbenzene

Concen: 21.222 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN060055.D

Acq: 11 Feb 2020 11:05

Instrument :

MSVOA_N

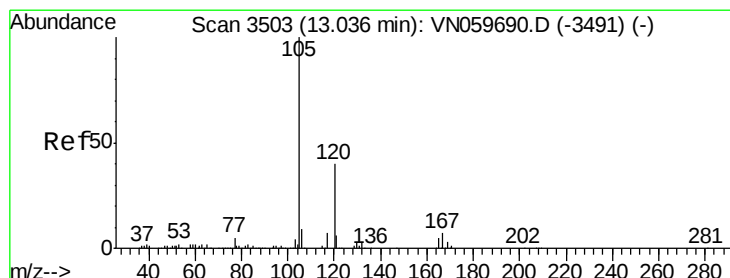
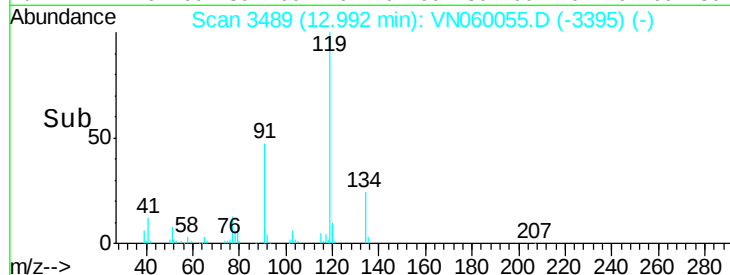
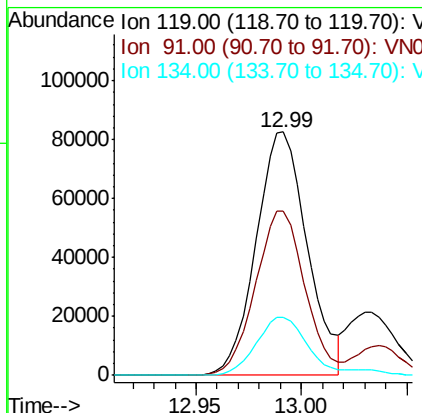
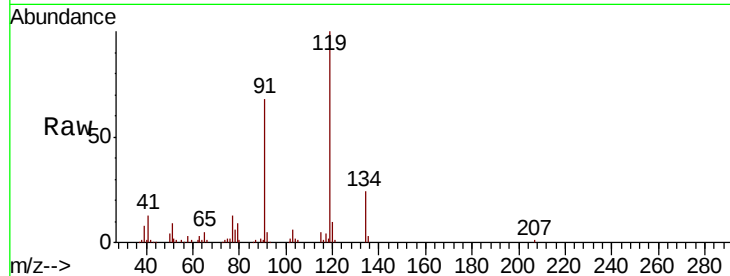
ClientSampleId :

VN0211WBS01

Tot Ion:	119	Resp:	139687
Ion Ratio	Lower	Upper	
119	100		
91	65.1	34.8	104.4
134	25.3	12.3	36.9

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#84

1,2,4-Trimethylbenzene

Concen: 20.586 ug/l

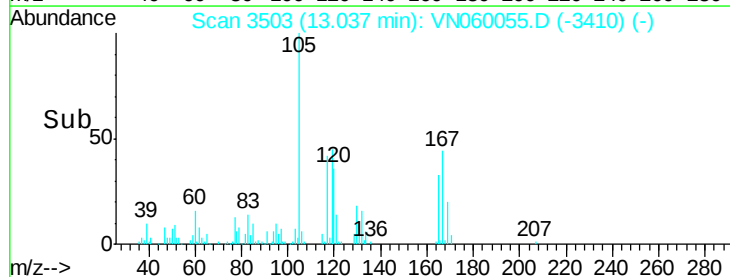
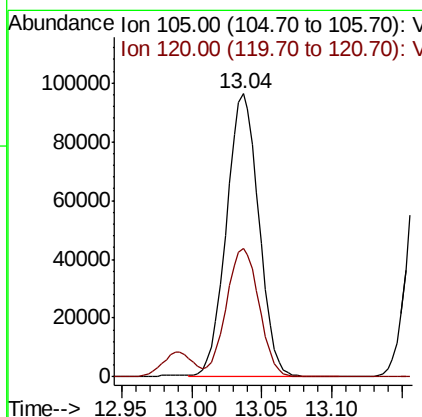
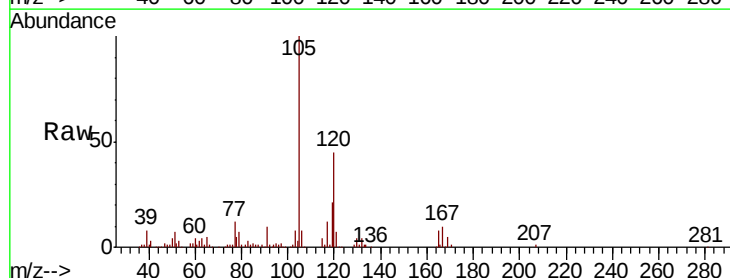
RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN060055.D

Acq: 11 Feb 2020 11:05

Tgt Ion:	105	Resp:	154998
Ion Ratio	Lower	Upper	
105	100		
120	46.0	22.3	66.9





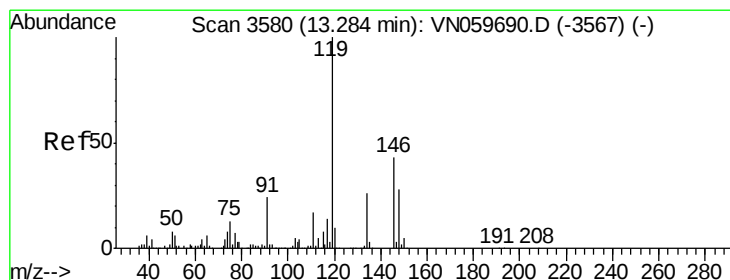
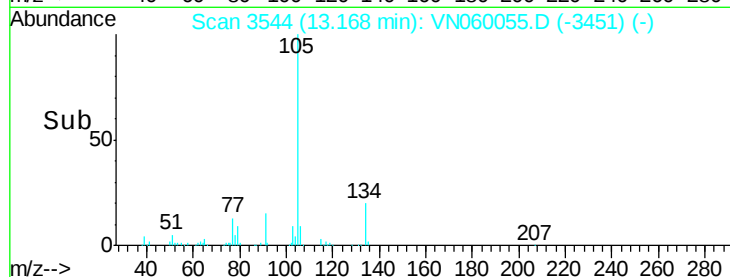
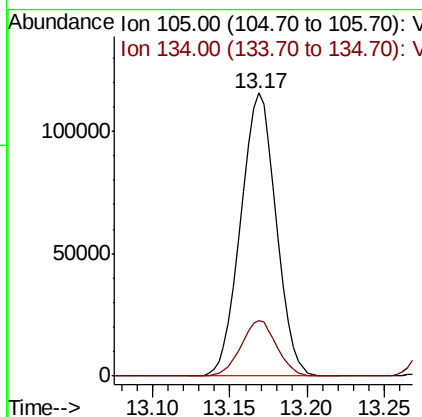
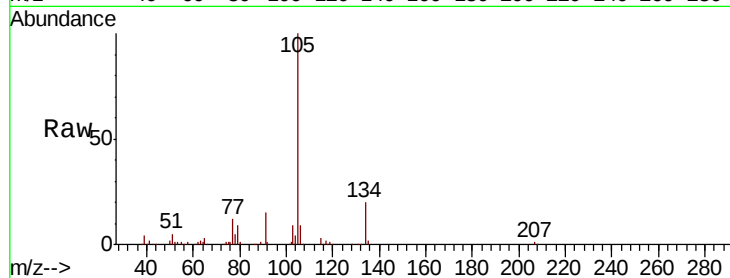
#85
 sec-Butylbenzene
 Concen: 21.300 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN060055.D
 Acq: 11 Feb 2020 11:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0211WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	184204		
134	19.6	9.8	29.5	

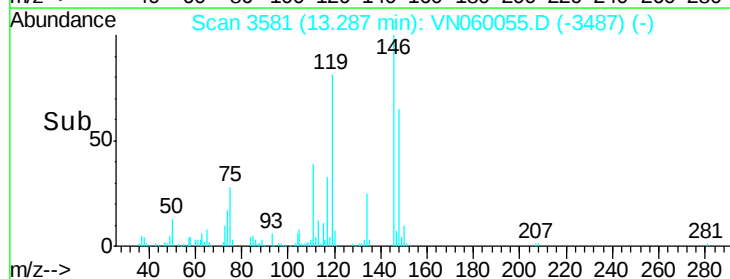
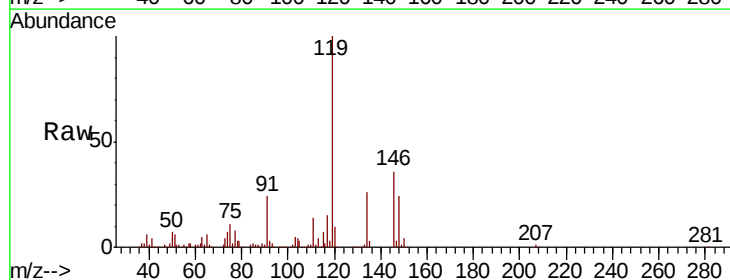
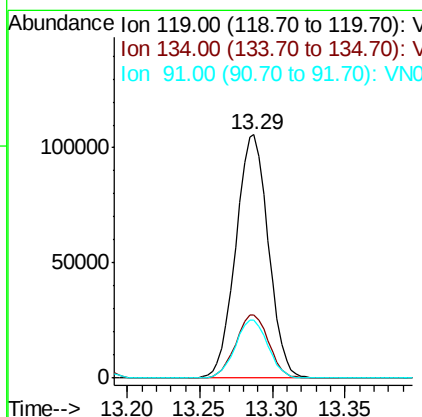
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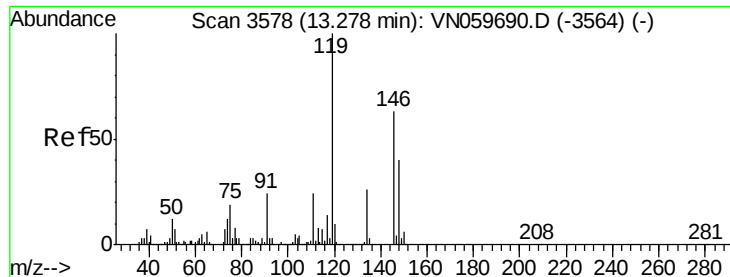
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#86
 p-Isopropyltoluene
 Concen: 20.647 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN060055.D
 Acq: 11 Feb 2020 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	165220		
134	26.2	12.9	38.7	
91	24.0	12.4	37.4	





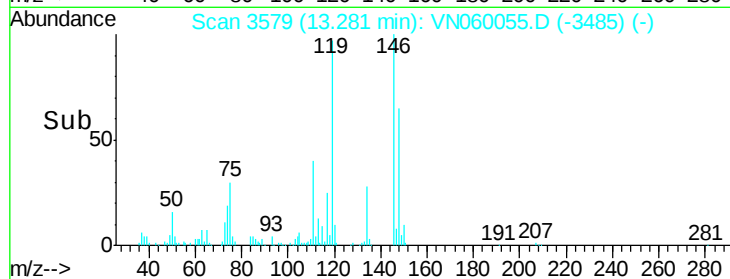
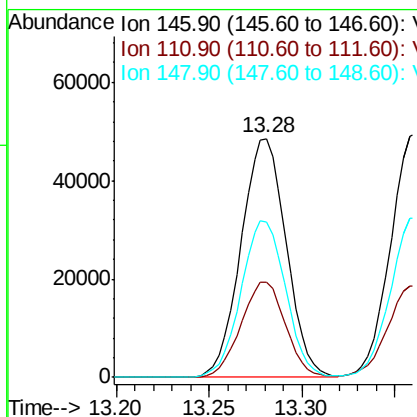
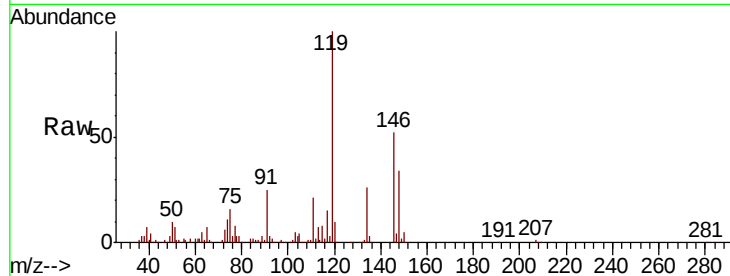
#87
 1,3-Dichlorobenzene
 Concen: 20.612 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN060055.D
 Acq: 11 Feb 2020 11:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0211WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.8	62.2
148	64.8	32.0	96.0

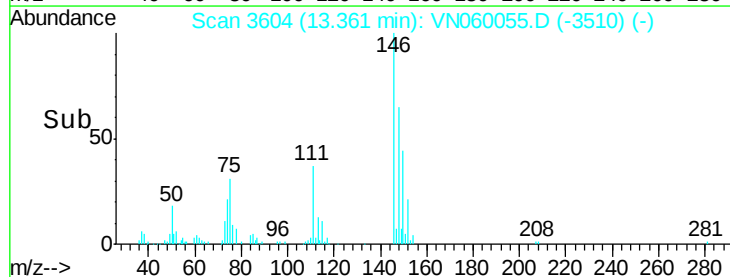
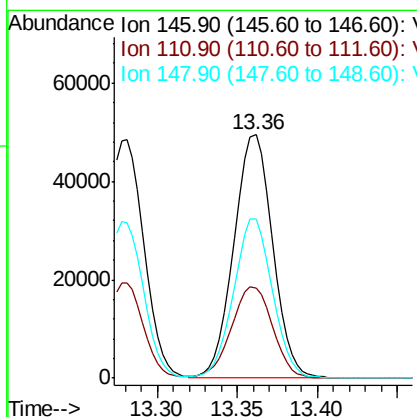
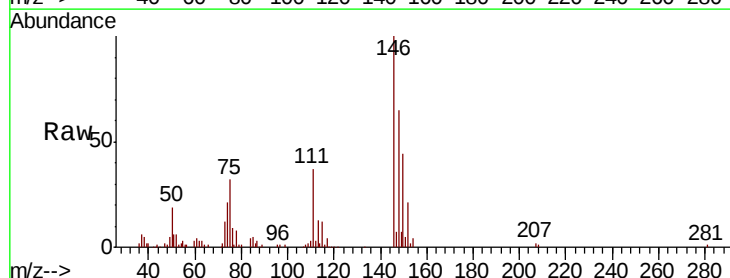
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#88
 1,4-Dichlorobenzene
 Concen: 20.648 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN060055.D
 Acq: 11 Feb 2020 11:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.8	62.2
148	65.2	31.8	95.4





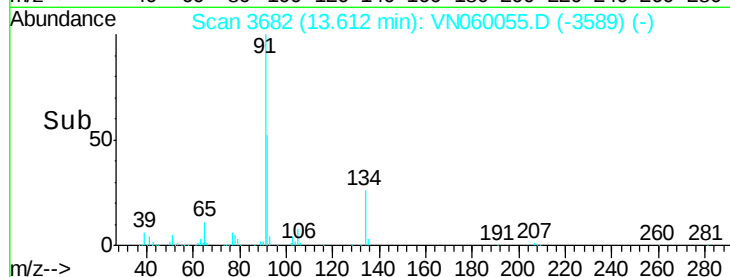
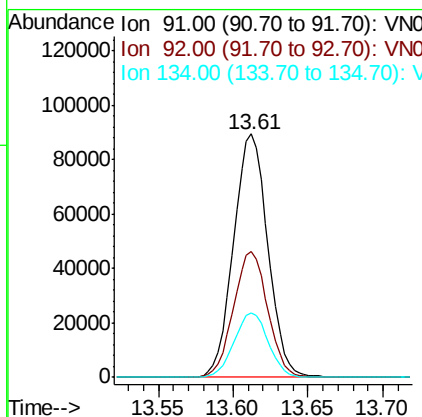
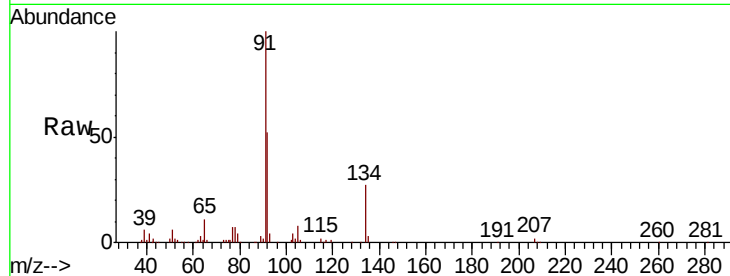
#89
n-Butylbenzene
Concen: 20.908 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0211WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	25.9	77.7
134	26.4	12.3	36.8

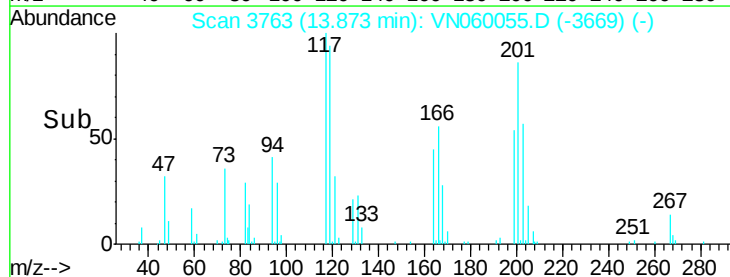
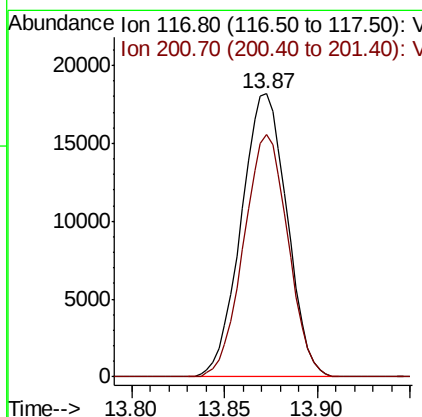
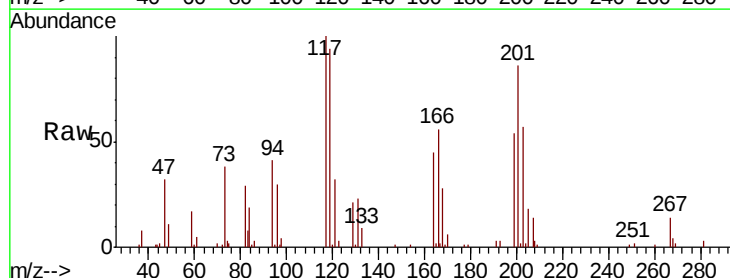
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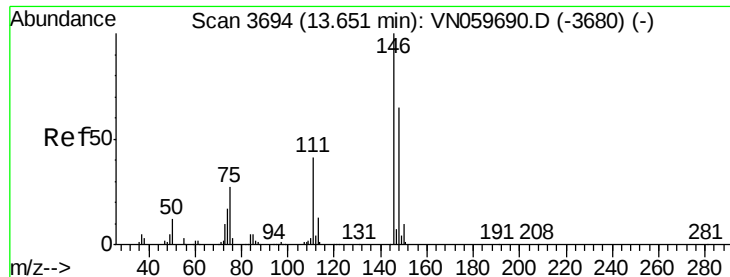
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#90
Hexachloroethane
Concen: 20.879 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.6	37.8	113.4





#91

1,2-Dichlorobenzene

Concen: 20.767 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN060055.D

Acq: 11 Feb 2020 11:05

Instrument :

MSVOA_N

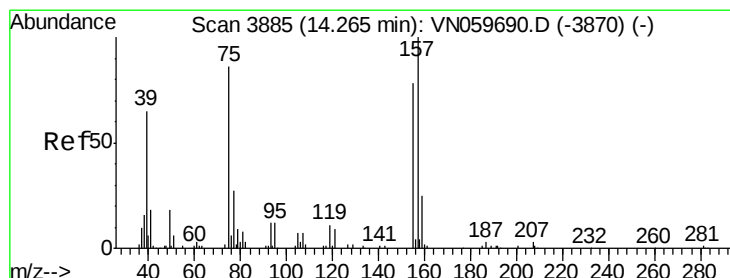
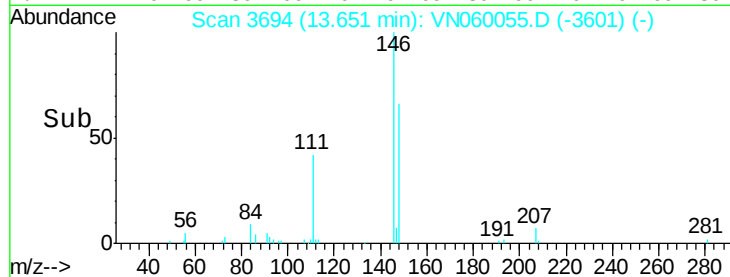
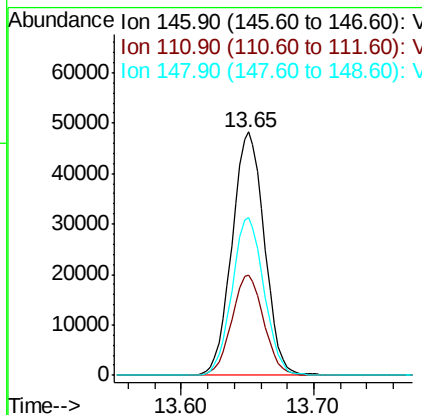
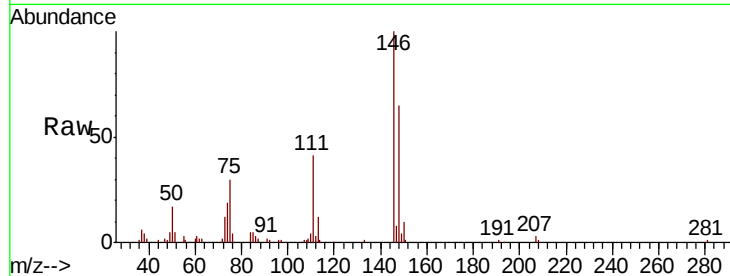
ClientSampleId :

VN0211WBS01

Tot Ion:	146	Resp:	81727
Ion	Ratio	Lower	Upper
146	100		
111	40.5	21.6	64.8
148	64.1	31.6	95.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.704 ug/l

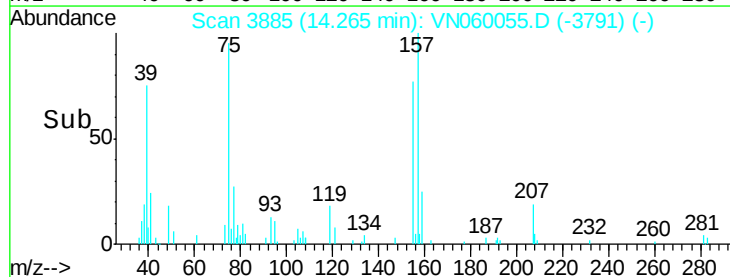
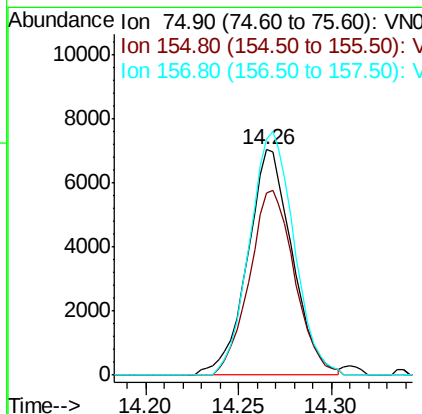
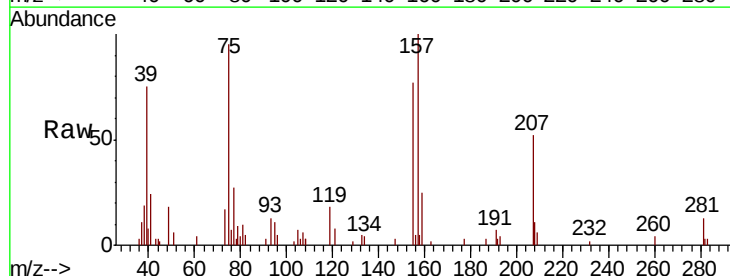
RT: 14.26 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VN060055.D

Acq: 11 Feb 2020 11:05

Tgt Ion:	75	Resp:	11808
Ion	Ratio	Lower	Upper
75	100		
155	82.6	37.0	110.9
157	107.0	48.4	145.2





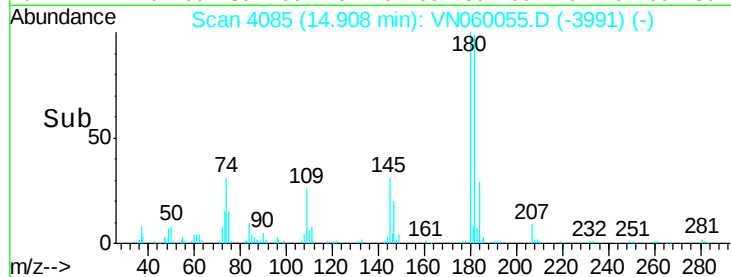
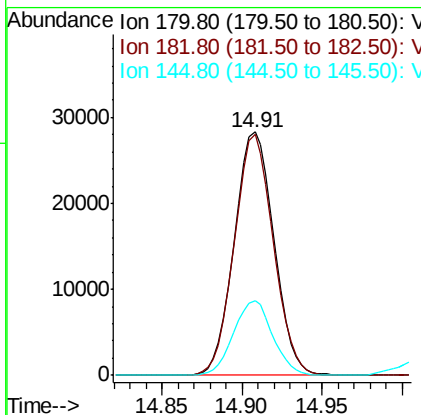
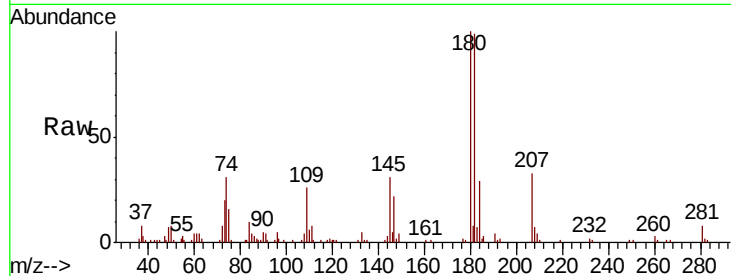
#93
 1,2,4-Trichlorobenzene
 Concen: 20.202 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060055.D
 Acq: 11 Feb 2020 11:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0211WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	46.9	140.7
145	30.3	15.0	45.1

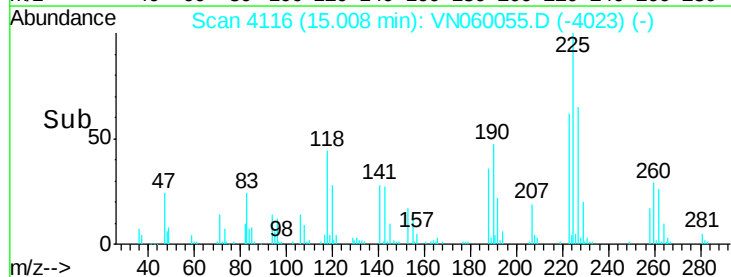
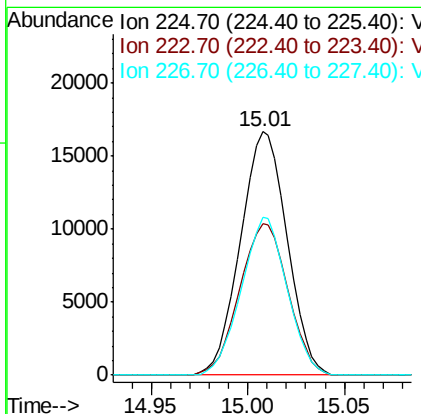
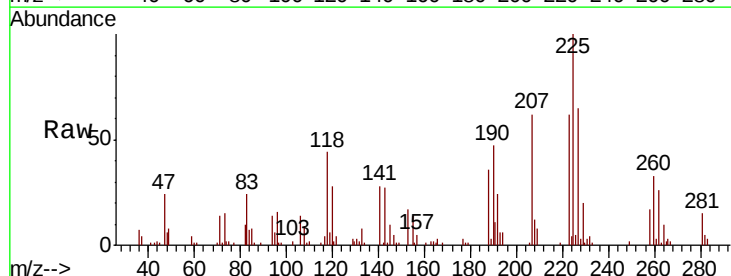
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#94
 Hexachlorobutadiene
 Concen: 21.465 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060055.D
 Acq: 11 Feb 2020 11:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	31.8	95.3
227	63.4	32.1	96.5





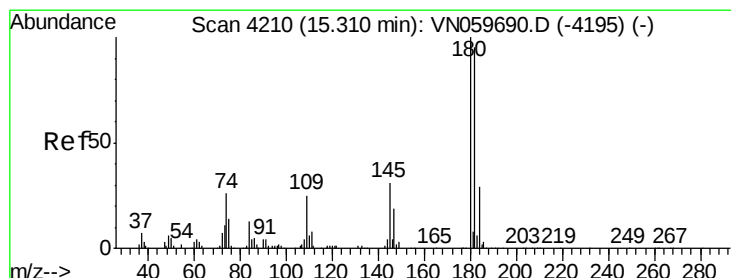
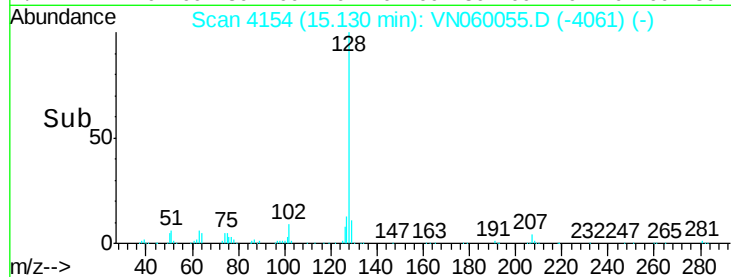
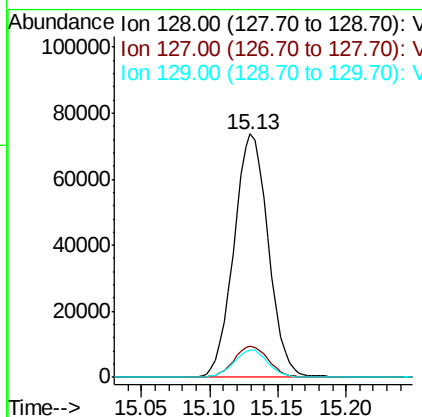
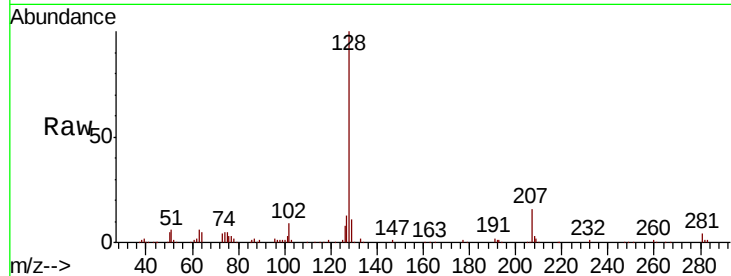
#95
Naphthalene
Concen: 19.190 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Instrument :
MSVOA_N
ClientSampled :
VN0211WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.1	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.805 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN060055.D
Acq: 11 Feb 2020 11:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.4	142.3
145	32.0	16.3	48.9

