

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022420\
 Data File : VN060196.D
 Acq On : 24 Feb 2020 9:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/25/2020 9:43:11 AM

Quant Time: Feb 24 15:57:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	187861	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	292049	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	277005	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140972	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	108247	47.35	ug/l	0.00
Spiked Amount						
			Recovery	=	94.70%	
35) Dibromofluoromethane	7.56	113	86647	48.27	ug/l	0.00
Spiked Amount						
			Recovery	=	96.54%	
50) Toluene-d8	10.08	98	336445	47.59	ug/l	0.00
Spiked Amount						
			Recovery	=	95.18%	
62) 4-Bromofluorobenzene	12.40	95	127332	49.02	ug/l	0.00
Spiked Amount						
			Recovery	=	98.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	91146	48.539	ug/l	99
3) Chloromethane	2.04	50	102437	45.841	ug/l	99
4) Vinyl Chloride	2.17	62	118260	46.429	ug/l	98
5) Bromomethane	2.54	94	73106	46.808	ug/l	98
6) Chloroethane	2.69	64	62231	48.305	ug/l	99
7) Trichlorofluoromethane	3.00	101	158924	48.394	ug/l	99
8) Diethyl Ether	3.39	74	54585	49.933	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	91325	50.089	ug/l	99
10) Methyl Iodide	3.93	142	120290	49.137	ug/l	98
11) Tert butyl alcohol	4.72	59	74600	218.077	ug/l	98
12) 1,1-Dichloroethene	3.72	96	87220	49.106	ug/l	98
13) Acrolein	3.58	56	83028	245.553	ug/l	96
14) Allyl chloride	4.30	41	127654	48.831	ug/l	98
15) Acrylonitrile	4.94	53	209539	250.823	ug/l	100
16) Acetone	3.78	43	283188	284.006	ug/l	98
17) Carbon Disulfide	4.03	76	244435	45.658	ug/l	100
18) Methyl Acetate	4.29	43	98629	52.656	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	299152	50.083	ug/l	100
20) Methylene Chloride	4.52	84	98313	49.420	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	95433	49.290	ug/l	99
22) Diisopropyl ether	5.91	45	298040	52.020	ug/l	97
23) Vinyl Acetate	5.86	43	1230687	255.790	ug/l	100
24) 1,1-Dichloroethane	5.82	63	175512	50.569	ug/l	99
25) 2-Butanone	6.80	43	328470	261.927	ug/l	98
26) 2,2-Dichloropropane	6.80	77	166419	50.482	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	111687	49.291	ug/l	99
28) Bromochloromethane	7.17	49	68360	50.100	ug/l	99
29) Tetrahydrofuran	7.18	42	181962	236.518	ug/l	99
30) Chloroform	7.35	83	185092	50.910	ug/l	100
31) Cyclohexane	7.63	56	153588	47.505	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	168236	50.637	ug/l	99
36) 1,1-Dichloropropene	7.77	75	137065	50.670	ug/l	100
37) Ethyl Acetate	6.89	43	118655	48.534	ug/l	98
38) Carbon Tetrachloride	7.75	117	148339	50.493	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	167086	49.759	ug/l	97
40) Benzene	8.02	78	404466	50.405	ug/l	100
41) Methacrylonitrile	7.15	41	52541m	51.246	ug/l	
42) 1,2-Dichloroethane	8.10	62	145440	51.714	ug/l	99
43) Isopropyl Acetate	8.14	43	211555	50.622	ug/l	99
44) Trichloroethene	8.82	130	112791	50.764	ug/l	98
45) 1,2-Dichloropropane	9.10	63	103557	52.128	ug/l	100
46) Dibromomethane	9.19	93	71900	51.215	ug/l	99
47) Bromodichloromethane	9.39	83	150393	52.692	ug/l	99
48) Methyl methacrylate	9.18	41	94093	50.182	ug/l	98
49) 1,4-Dioxane	9.18	88	30174	941.854	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	609725	252.061	ug/l	100
52) Toluene	10.14	92	265005	51.501	ug/l	97
53) t-1,3-Dichloropropene	10.37	75	169711	52.677	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	178351	52.572	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	102434	51.027	ug/l	100
56) Ethyl methacrylate	10.42	69	148746	52.379	ug/l	98
57) 1,3-Dichloropropane	10.70	76	169749	51.246	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	272795	206.197	ug/l	100
59) 2-Hexanone	10.74	43	492244	263.432	ug/l	99
60) Dibromochloromethane	10.89	129	120840	52.456	ug/l	99
61) 1,2-Dibromoethane	10.99	107	107870	51.259	ug/l	100
64) Tetrachloroethene	10.62	164	106549	50.599	ug/l	99
65) Chlorobenzene	11.43	112	285070	50.513	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	111286	52.126	ug/l	99
67) Ethyl Benzene	11.50	91	524584	51.538	ug/l	100
68) m/p-Xylenes	11.62	106	396844	103.881	ug/l	99
69) o-Xylene	11.94	106	190485	51.787	ug/l	99
70) Styrene	11.96	104	314432	53.011	ug/l	100
71) Bromoform	12.12	173	90259	52.563	ug/l #	98
73) Isopropylbenzene	12.25	105	521766	49.564	ug/l	100
74) N-amyl acetate	12.06	43	190125	50.085	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	146273	48.274	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	133678m	49.564	ug/l	
77) Bromobenzene	12.52	156	130146	49.817	ug/l	99
78) n-propylbenzene	12.59	91	599458	49.981	ug/l	100
79) 2-Chlorotoluene	12.67	91	348653	49.457	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	443586	50.680	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	55853	50.705	ug/l	99
82) 4-Chlorotoluene	12.77	91	364649	50.417	ug/l	100
83) tert-Butylbenzene	12.99	119	378981	48.946	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	438039	50.698	ug/l	99
85) sec-Butylbenzene	13.17	105	515593	50.281	ug/l	100
86) p-Isopropyltoluene	13.28	119	477179	51.361	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	236597	51.162	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	236449	51.141	ug/l	99
89) n-Butylbenzene	13.61	91	423333	51.804	ug/l	100
90) Hexachloroethane	13.87	117	87379	50.343	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	227006	50.160	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	30097	46.663	ug/l	97

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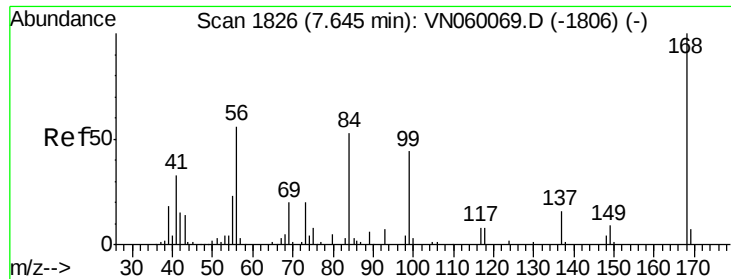
Manual Integrations
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2/25/2020 9:43:11 AM

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	139084	52.304	ug/l	99
94) Hexachlorobutadiene	15.01	225	78935	50.706	ug/l	100
95) Naphthalene	15.13	128	339150	47.215	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	131109	49.511	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060196.D

Acq: 24 Feb 2020 9:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 187861

Ion Ratio Lower Upper

168 100

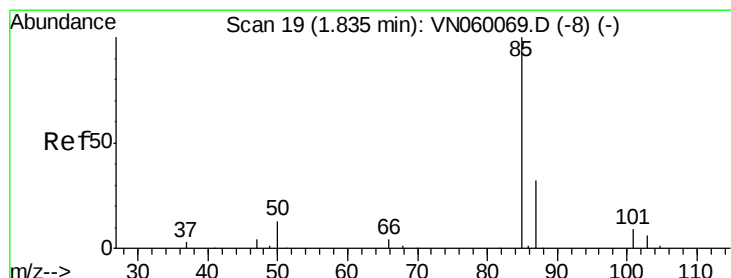
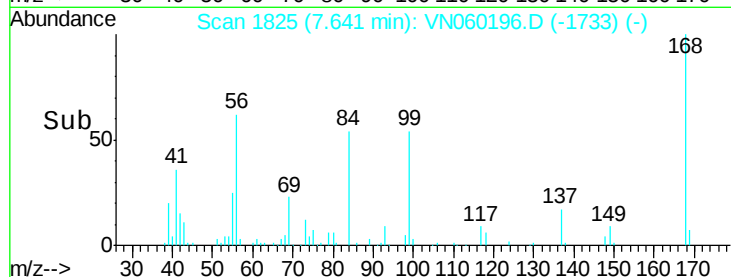
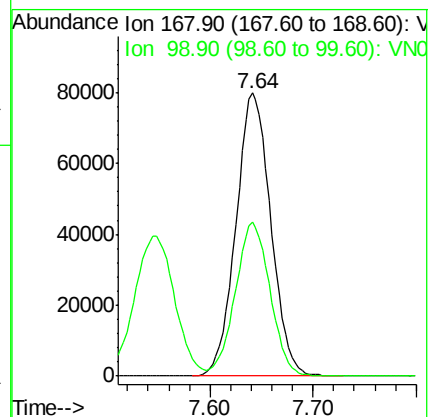
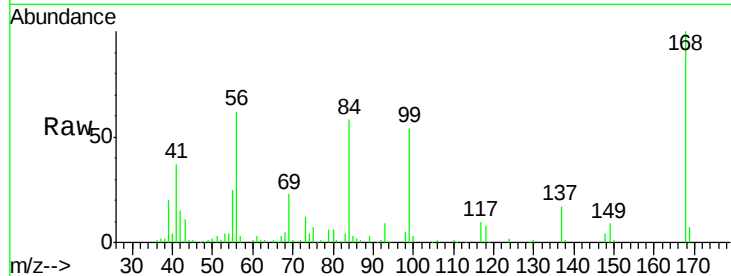
99 54.3 42.7 64.1

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 48.539 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN060196.D

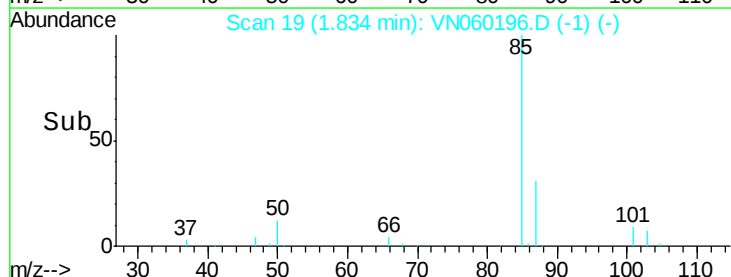
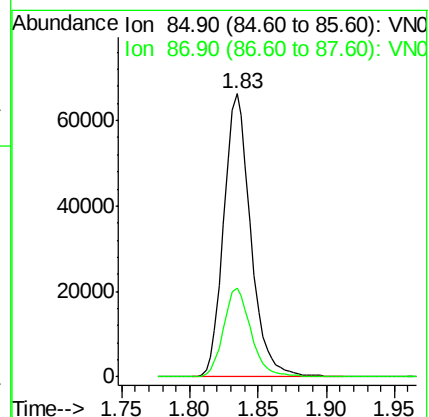
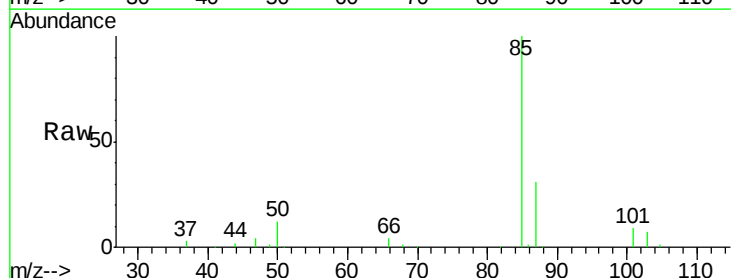
Acq: 24 Feb 2020 9:20

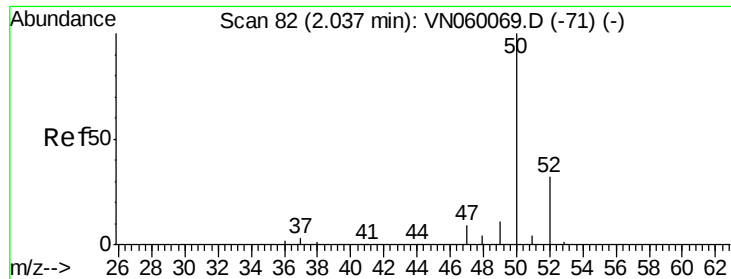
Tgt Ion: 85 Resp: 91146

Ion Ratio Lower Upper

85 100

87 31.3 16.1 48.2





#3

Chloromethane

Concen: 45.841 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN060196.D

Acq: 24 Feb 2020 9:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 102437

Ion Ratio Lower Upper

50 100

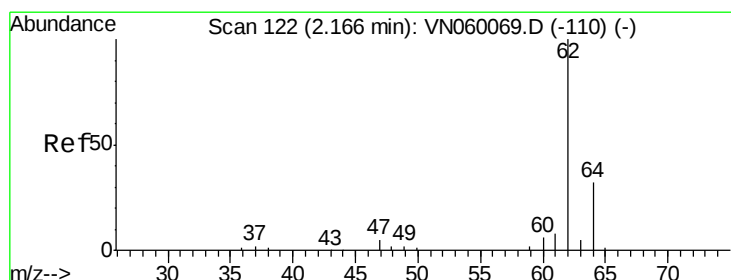
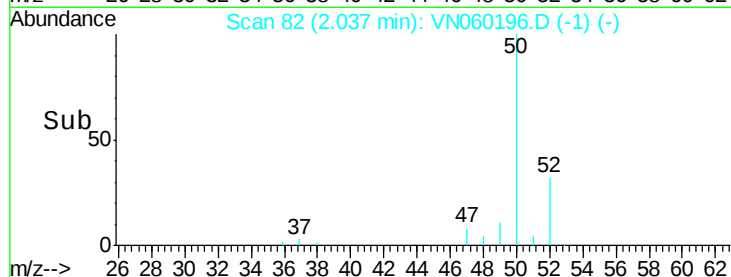
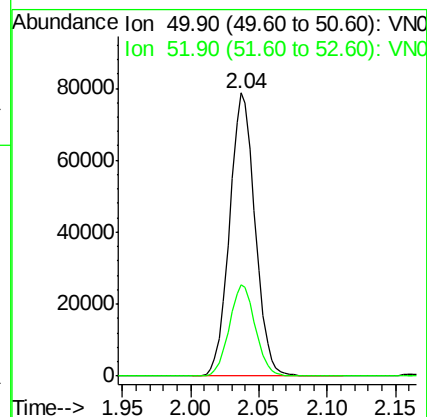
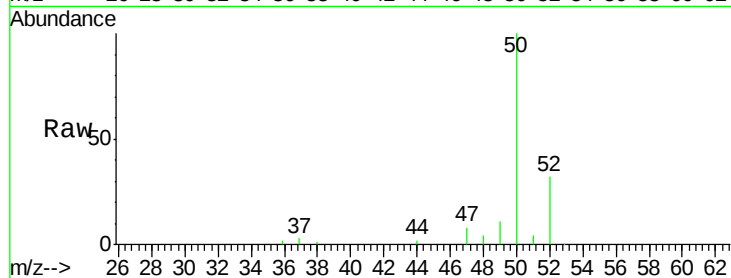
52 32.5 25.6 38.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.429 ug/l

RT: 2.17 min Scan# 122

Delta R.T. -0.00 min

Lab File: VN060196.D

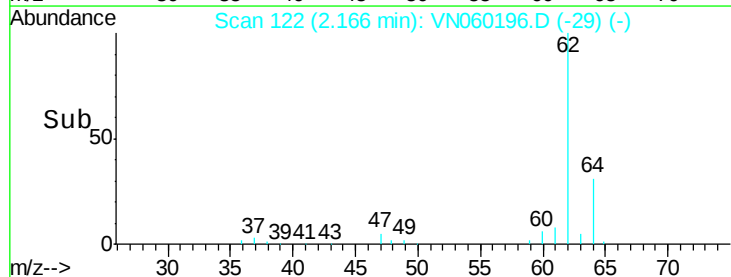
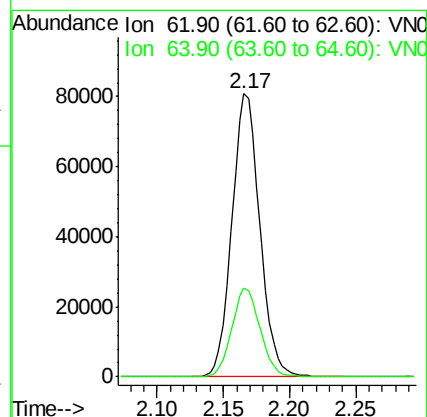
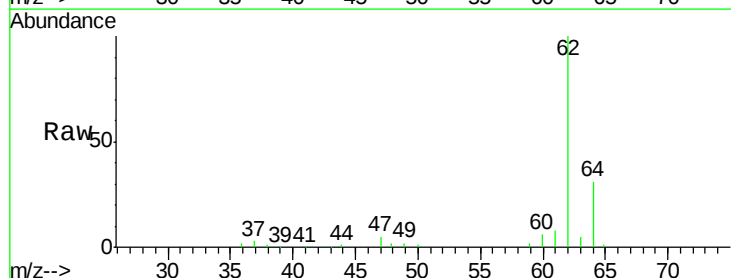
Acq: 24 Feb 2020 9:20

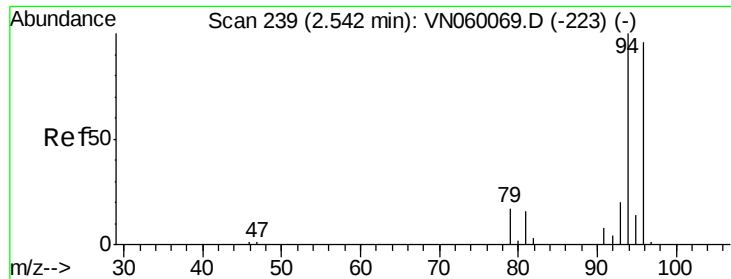
Tgt Ion: 62 Resp: 118260

Ion Ratio Lower Upper

62 100

64 31.4 25.9 38.9





#5

Bromomethane

Concen: 46.808 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.00 min

Lab File: VN060196.D

Acq: 24 Feb 2020 9:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 73106

Ion Ratio Lower Upper

94 100

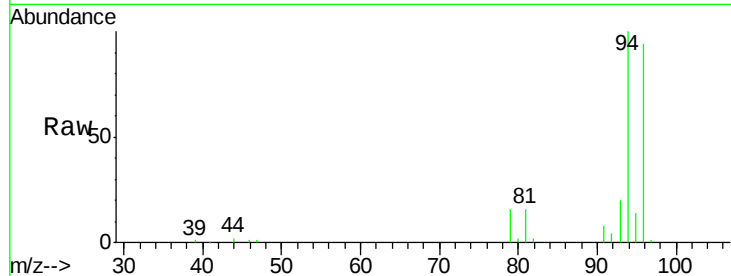
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Manual Integrations

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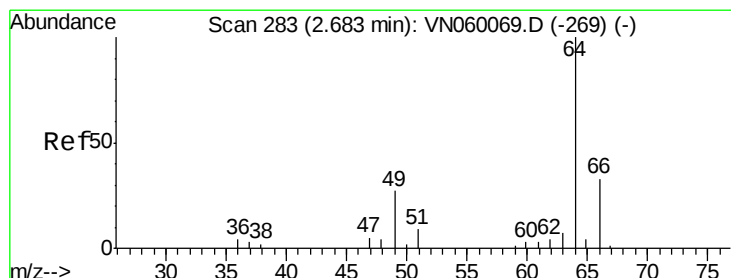
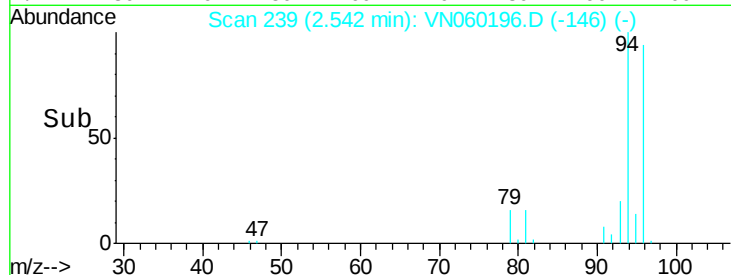
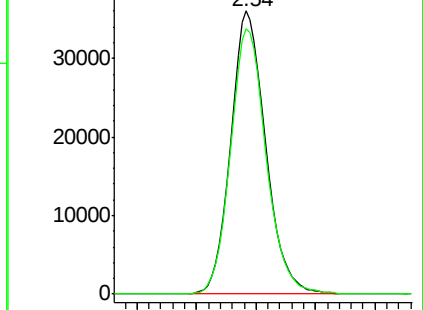
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Abundance Ion 93.90 (93.60 to 94.60): VN060196.D (-146) (-)

Ion 95.90 (95.60 to 96.60): VN060196.D (-146) (-)



#6

Chloroethane

Concen: 48.305 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN060196.D

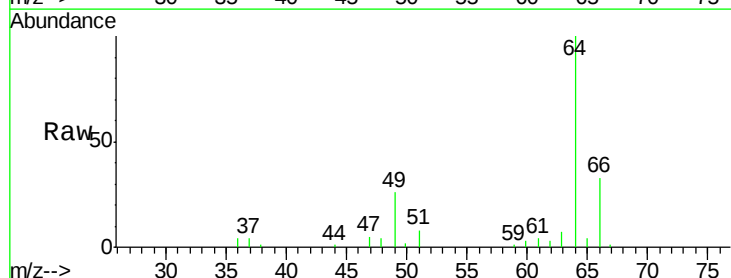
Acq: 24 Feb 2020 9:20

Tgt Ion: 64 Resp: 62231

Ion Ratio Lower Upper

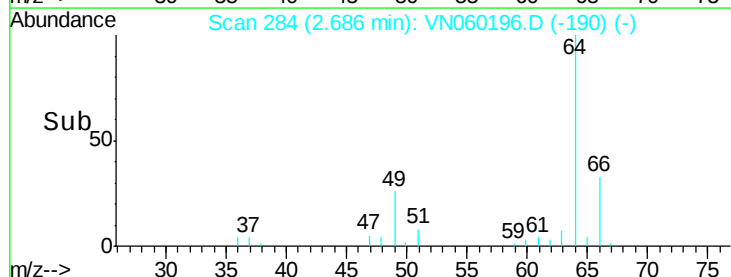
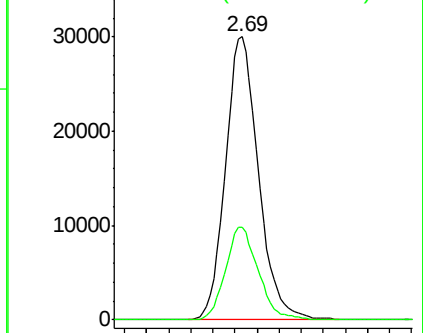
64 100

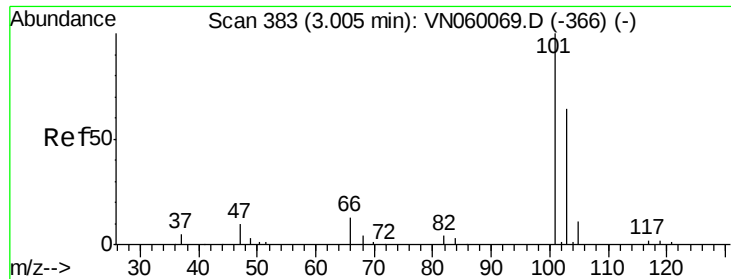
66 33.0 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VN060196.D (-190) (-)

Ion 65.90 (65.60 to 66.60): VN060196.D (-190) (-)





#7

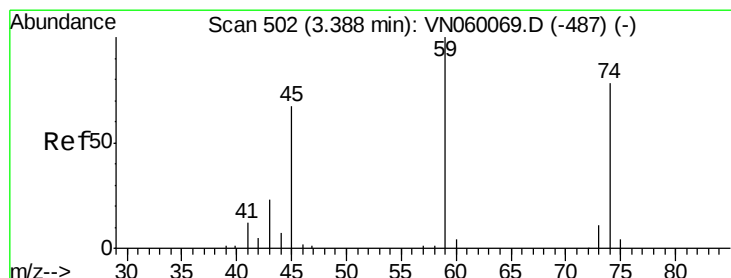
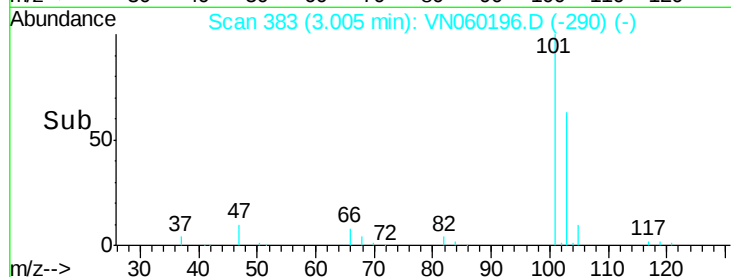
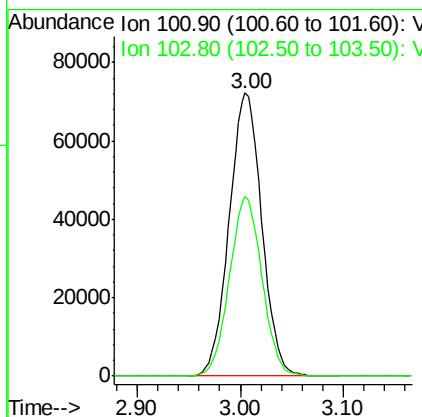
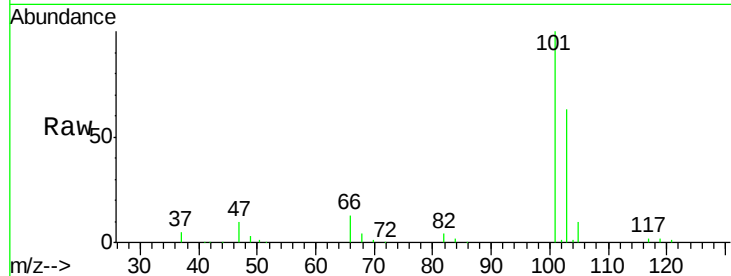
Trichlorofluoromethane
Concen: 48.394 ug/l
RT: 3.00 min Scan# 383
Delta R.T. -0.00 min
Lab File: VN060196.D
Acq: 24 Feb 2020 9:20

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		158924		
103	63.3	51.0	76.6		

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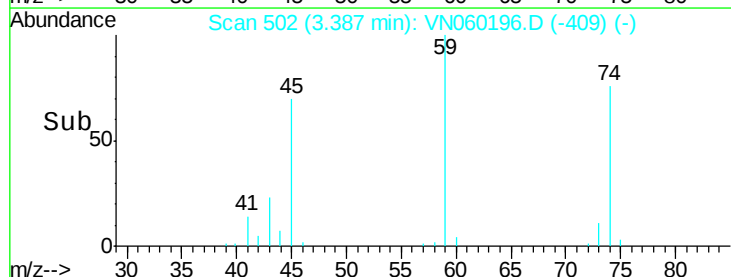
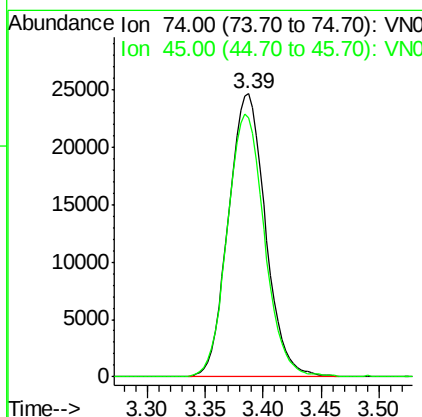
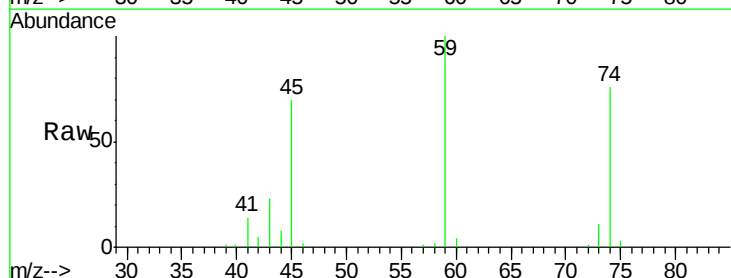
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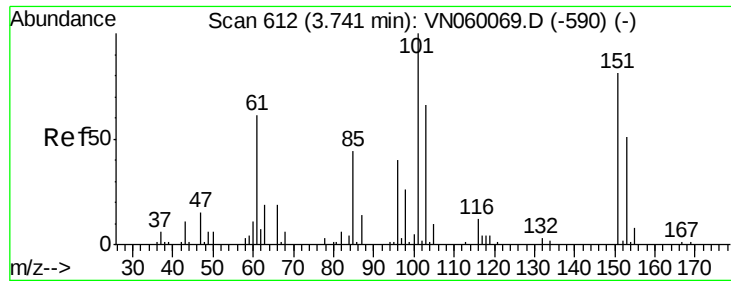


#8

Diethyl Ether
Concen: 49.933 ug/l
RT: 3.39 min Scan# 502
Delta R.T. -0.00 min
Lab File: VN060196.D
Acq: 24 Feb 2020 9:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		54585		
45	93.0	44.7	134.1		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.089 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN060196.D

Acq: 24 Feb 2020 9:20

Instrument :

MSVOA_N

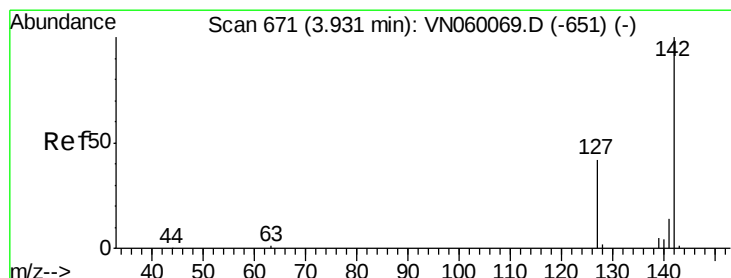
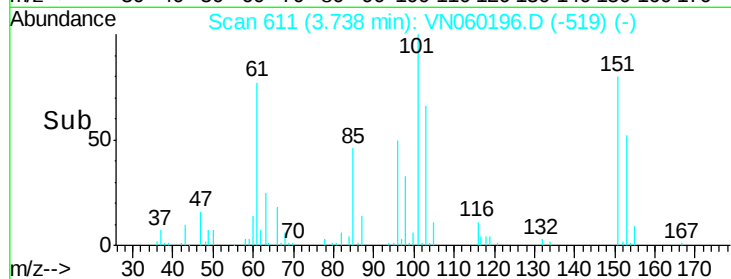
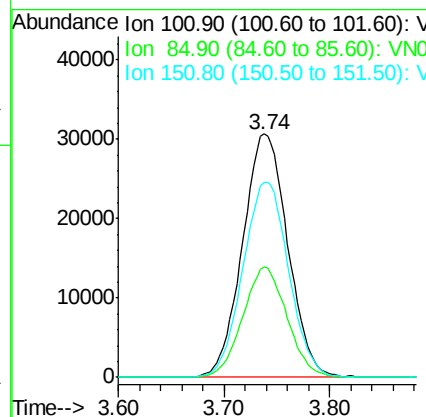
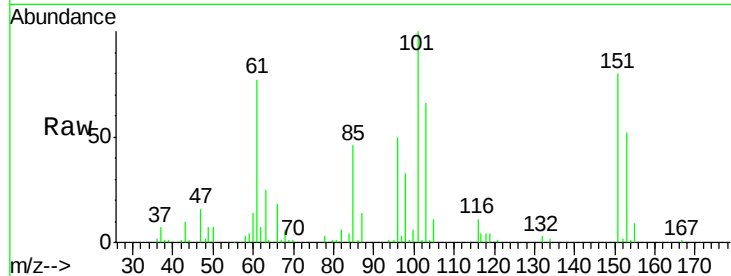
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	91325
Ion Ratio	Lower	Upper	
101	100		
85	44.3	35.1	52.7
151	81.3	65.8	98.6

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#10

Methyl Iodide

Concen: 49.137 ug/l

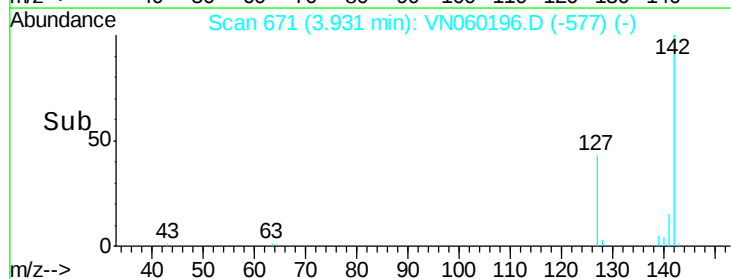
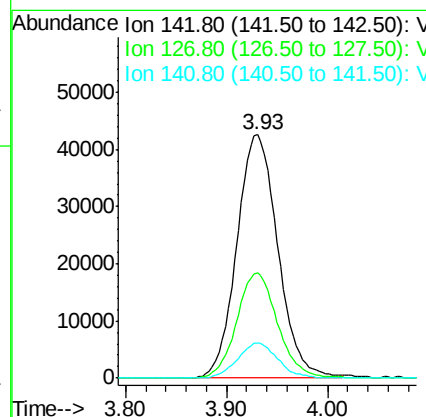
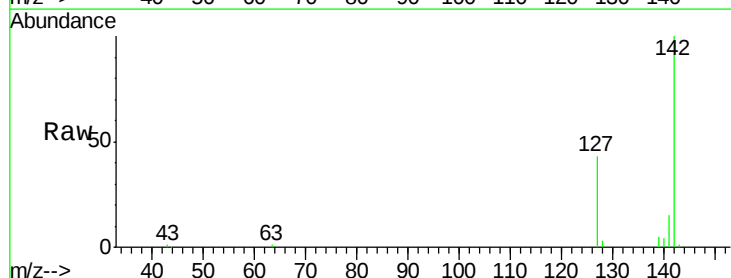
RT: 3.93 min Scan# 671

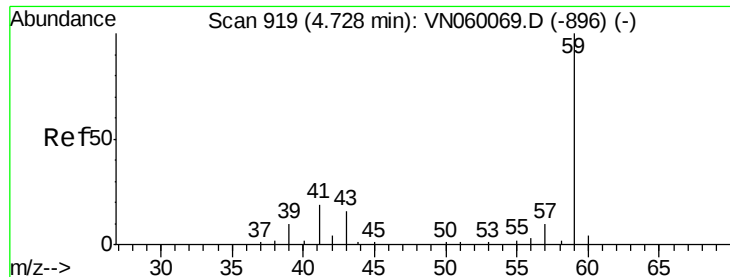
Delta R.T. 0.00 min

Lab File: VN060196.D

Acq: 24 Feb 2020 9:20

Tgt Ion:	142	Resp:	120290
Ion Ratio	Lower	Upper	
142	100		
127	43.2	33.6	50.4
141	14.1	11.4	17.2





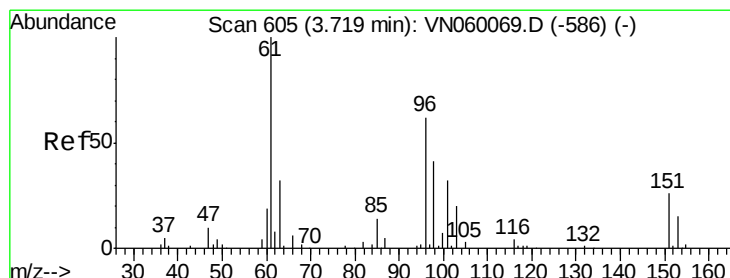
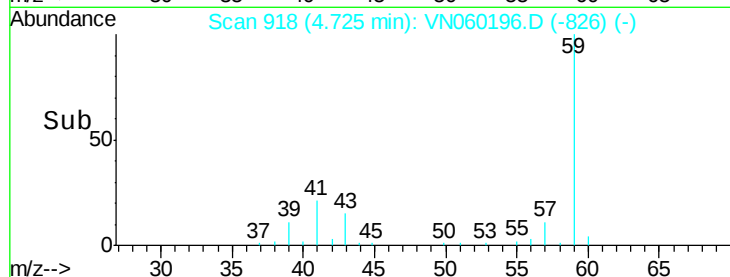
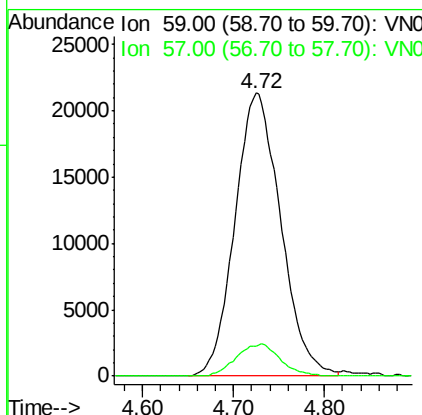
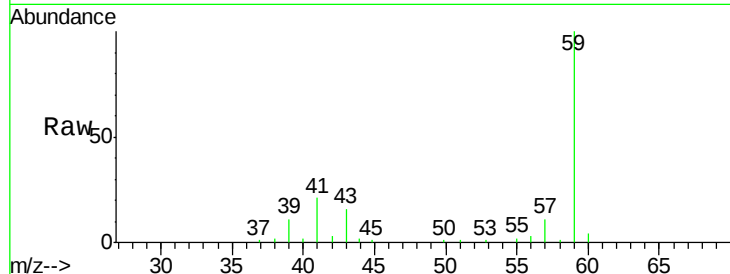
#11
Tert butyl alcohol
Concen: 218.077 ug/l
RT: 4.72 min Scan# 918
Delta R.T. -0.00 min
Lab File: VN060196.D
Acq: 24 Feb 2020 9:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 74600
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4

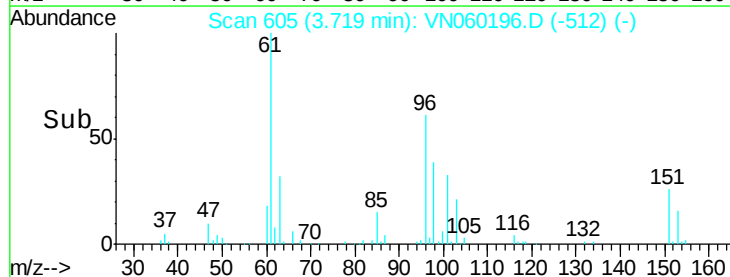
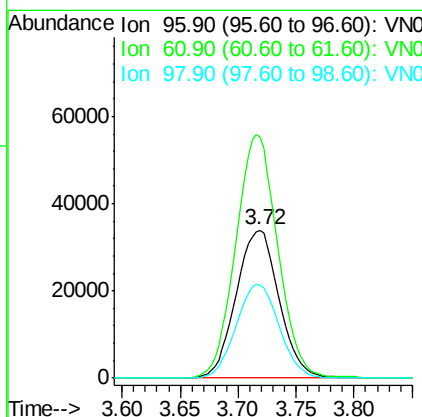
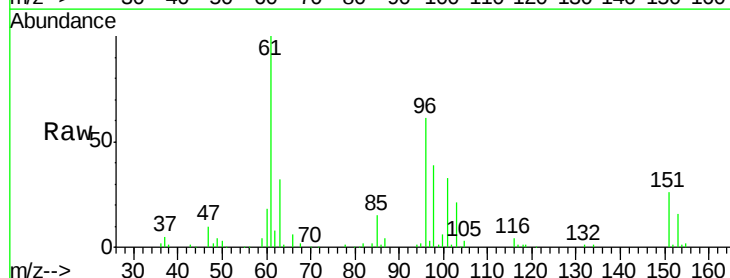
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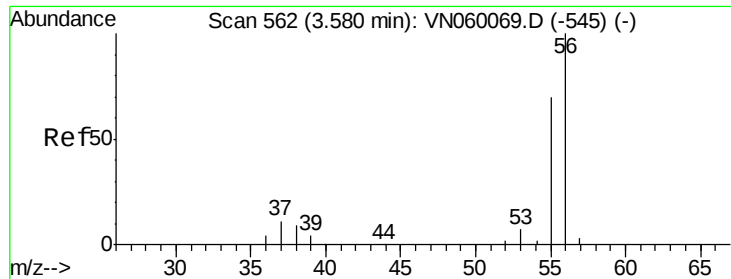
MMDadoda
2/25/2020 9:43:11 AM



#12
1,1-Dichloroethene
Concen: 49.106 ug/l
RT: 3.72 min Scan# 605
Delta R.T. -0.00 min
Lab File: VN060196.D
Acq: 24 Feb 2020 9:20

Tgt Ion: 96 Resp: 87220
Ion Ratio Lower Upper
96 100
61 163.0 128.3 192.5
98 62.8 52.2 78.4





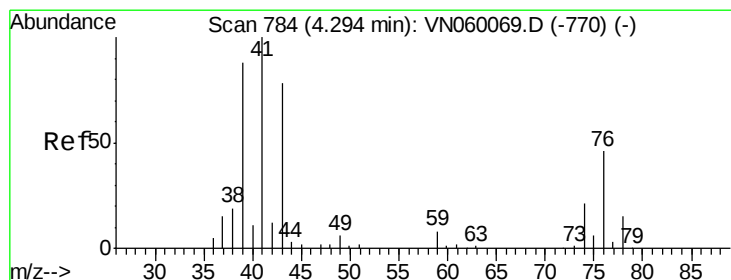
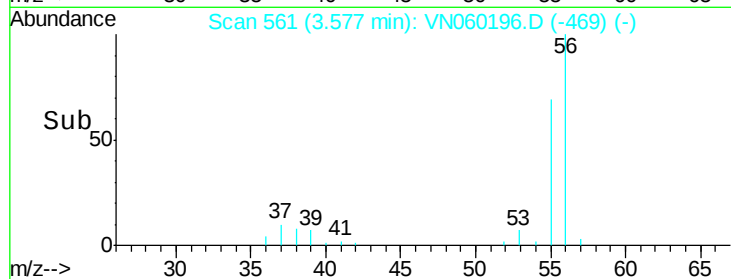
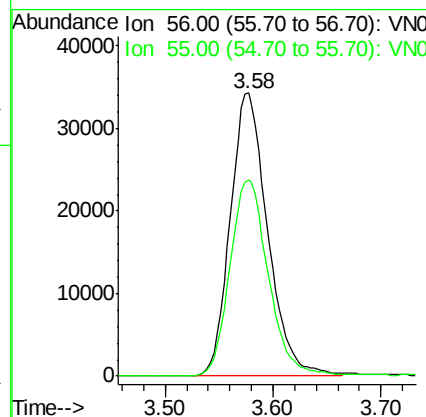
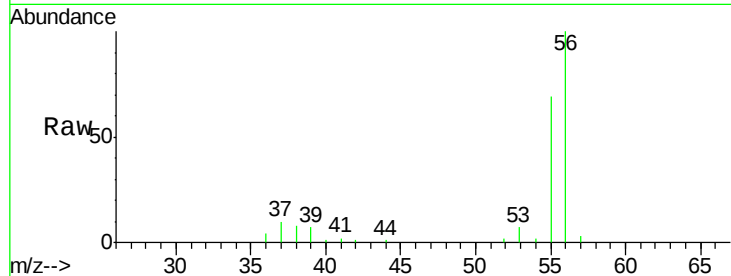
#13
Acrolein
Concen: 245.553 ug/l
RT: 3.58 min Scan# 561
Delta R.T. -0.00 min
Lab File: VN060196.D
Acq: 24 Feb 2020 9:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	83028
Ion Ratio	100	Lower	Upper
56	100		
55	71.3	54.8	82.2

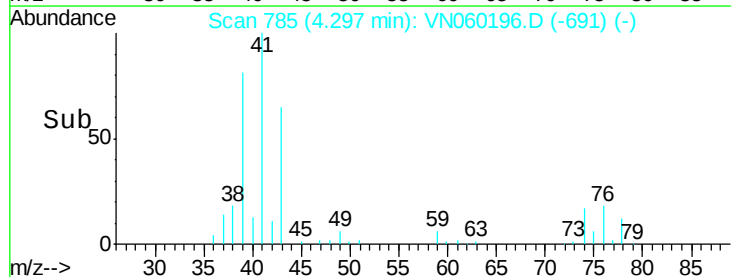
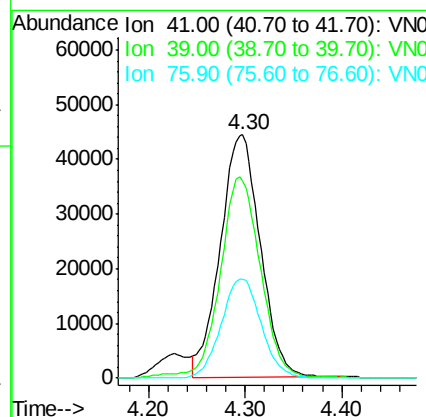
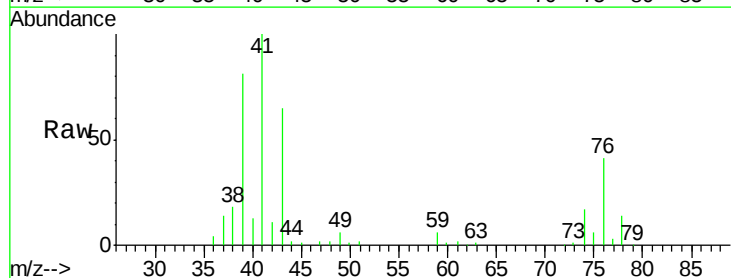
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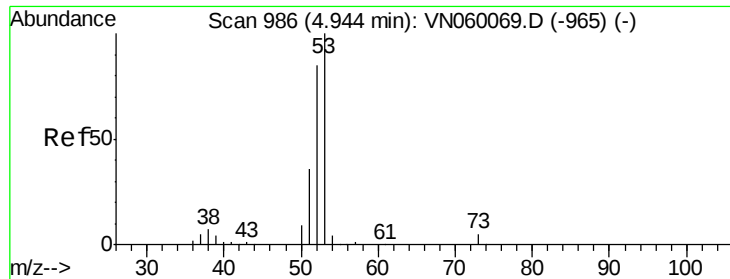
MMDadoda
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#14
Allyl chloride
Concen: 48.831 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.00 min
Lab File: VN060196.D
Acq: 24 Feb 2020 9:20

Tgt Ion	41	Resp	127654
Ion Ratio	100	Lower	Upper
41	100		
39	82.7	67.8	101.8
76	41.0	33.9	50.9





#15

Acrylonitrile

Concen: 250.823 ug/l

RT: 4.94 min Scan# 986

Delta R.T. -0.00 min

Lab File: VN060196.D

Acq: 24 Feb 2020 9:20

Instrument :

MSVOA_N

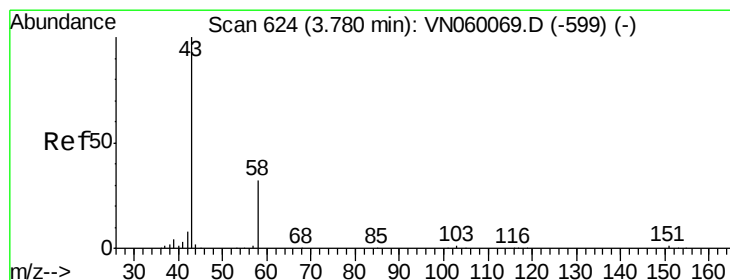
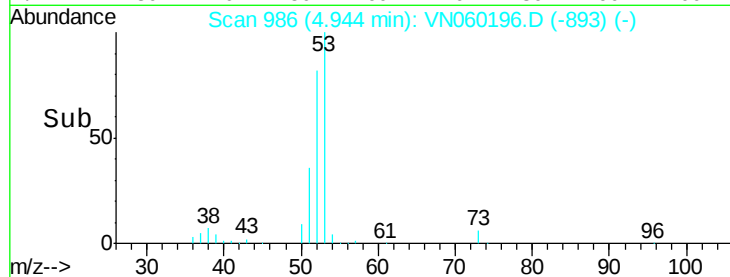
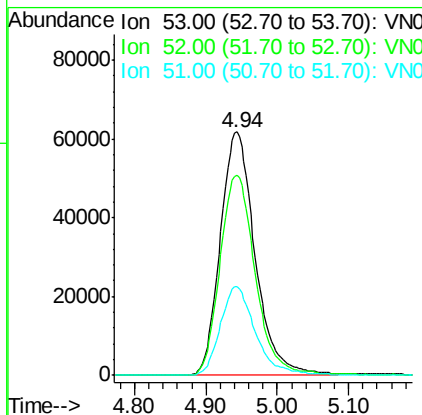
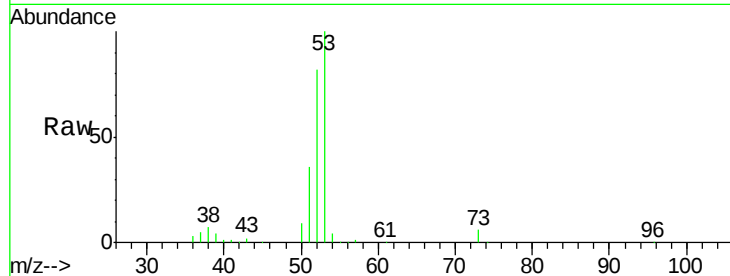
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	209539
Ion Ratio		Lower	Upper
53	100		
52	83.0	66.8	100.2
51	36.7	29.4	44.0

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#16

Acetone

Concen: 284.006 ug/l

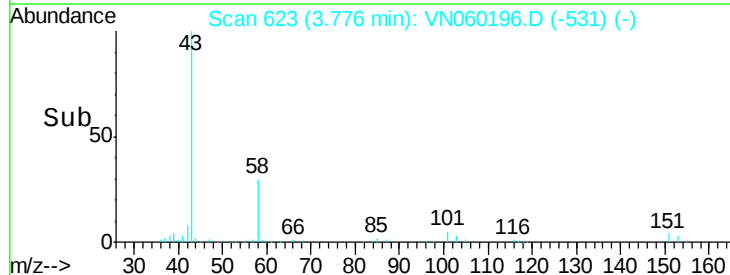
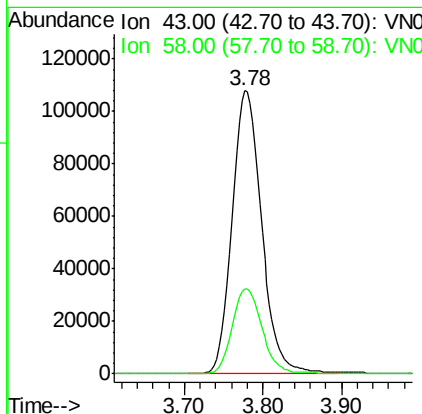
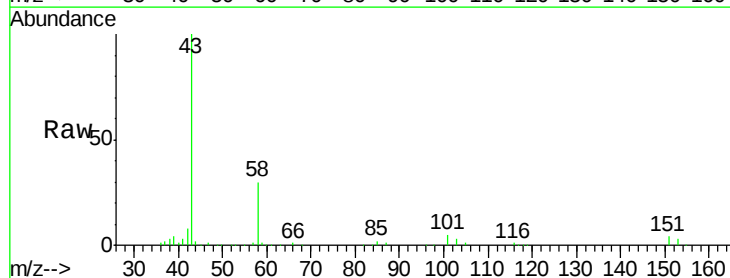
RT: 3.78 min Scan# 623

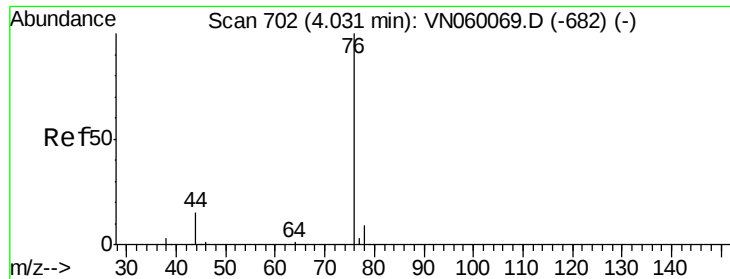
Delta R.T. -0.00 min

Lab File: VN060196.D

Acq: 24 Feb 2020 9:20

Tgt Ion:	43	Resp:	283188
Ion Ratio		Lower	Upper
43	100		
58	30.2	25.2	37.8





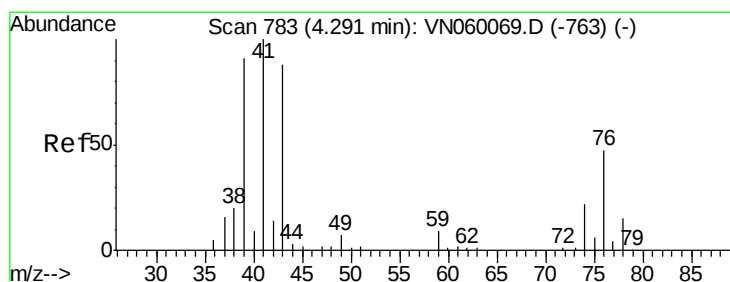
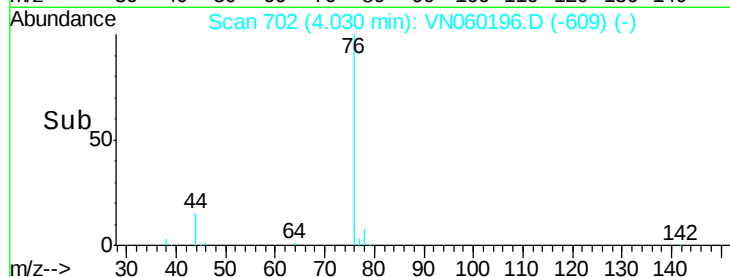
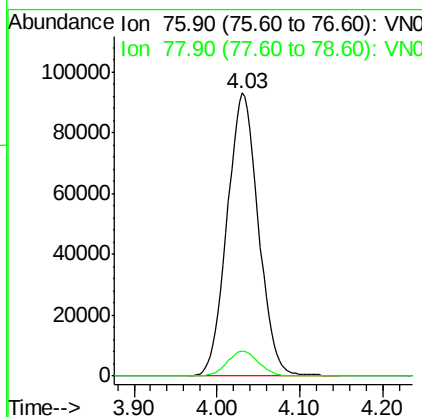
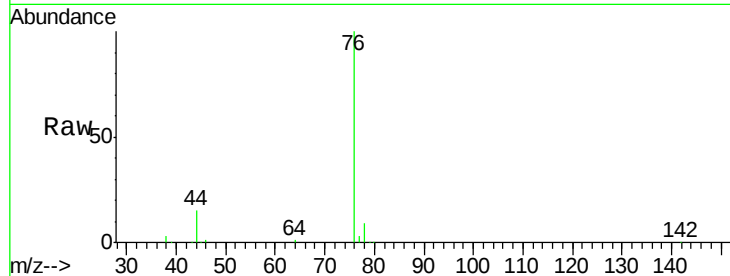
#17
Carbon Disulfide
Concen: 45.658 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN060196.D
Acq: 24 Feb 2020 9:20

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.0	10.6

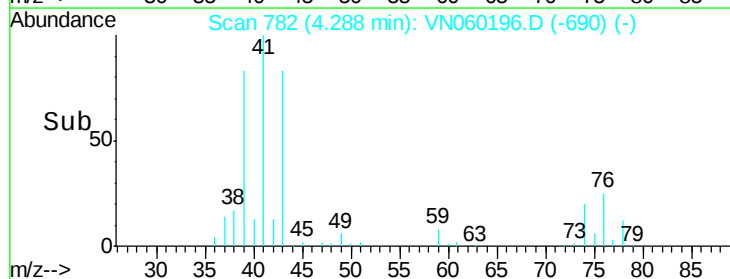
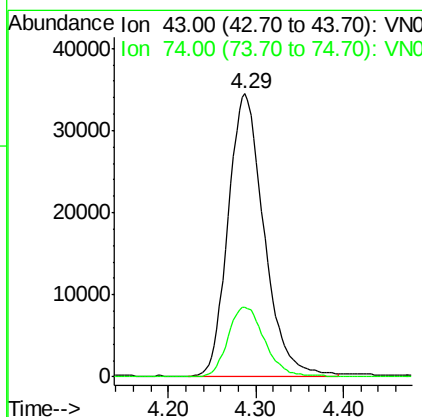
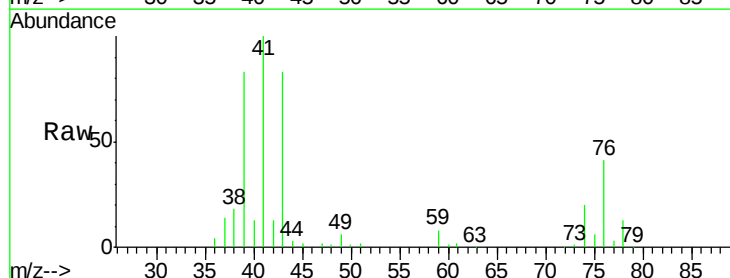
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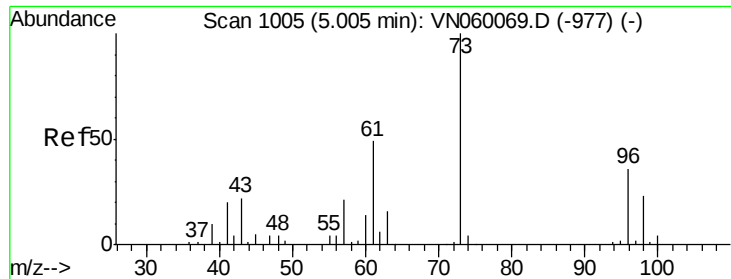
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#18
Methyl Acetate
Concen: 52.656 ug/l
RT: 4.29 min Scan# 782
Delta R.T. -0.00 min
Lab File: VN060196.D
Acq: 24 Feb 2020 9:20

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.9	20.3	30.5





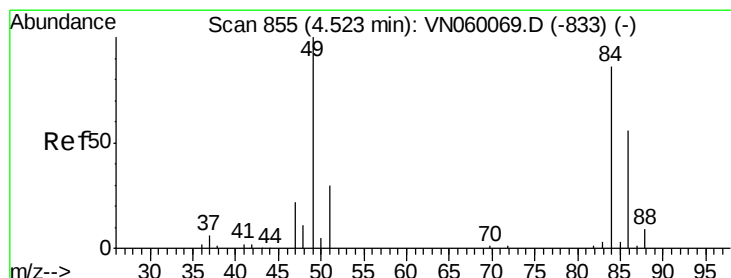
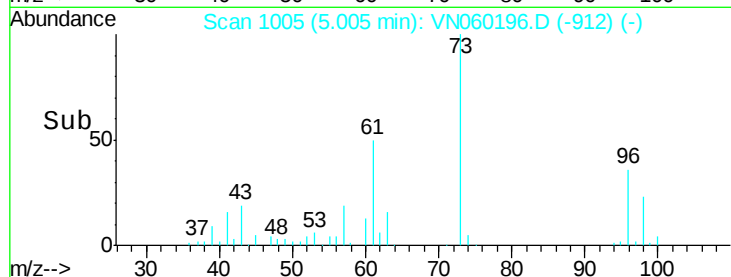
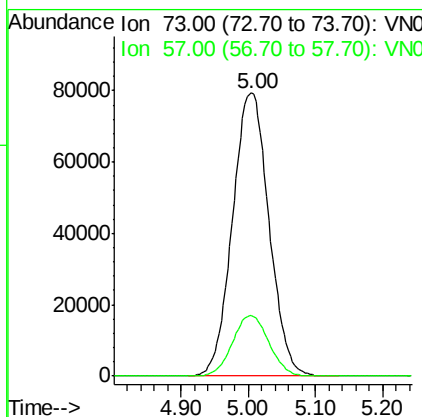
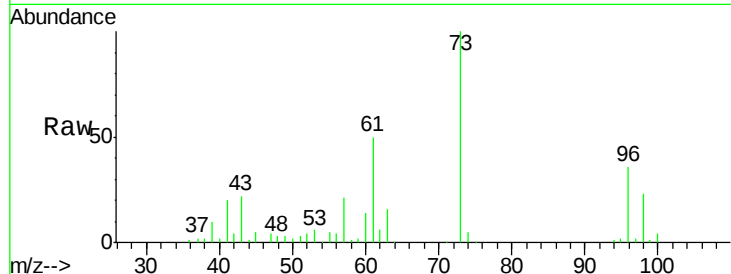
#19
Methvl tert-butvl Ether
Concen: 50.083 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: VN060196.D
Acq: 24 Feb 2020 9:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 299152
Ion Ratio Lower Upper
73 100
57 21.4 17.2 25.8

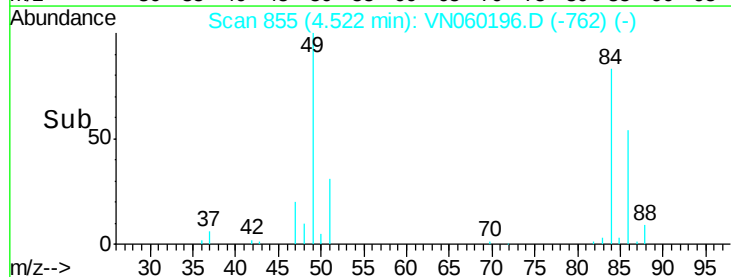
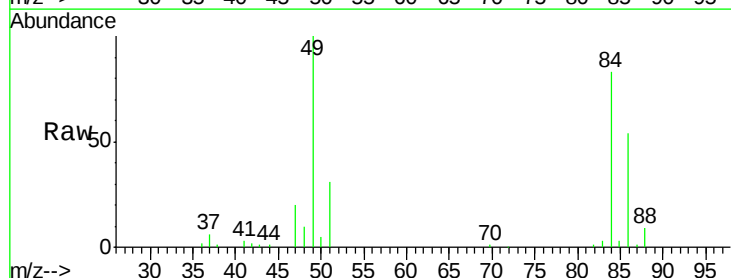
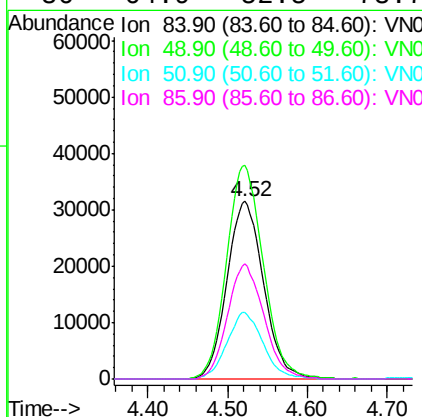
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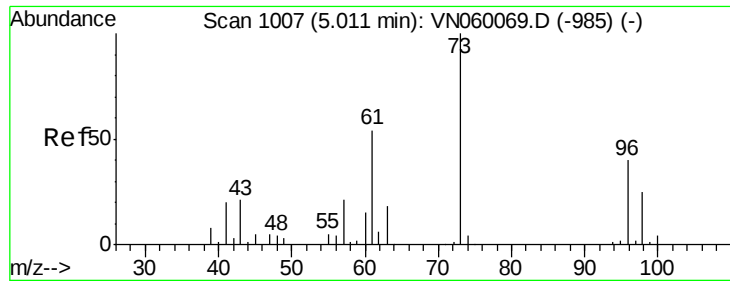
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#20
Methylene Chloride
Concen: 49.420 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060196.D
Acq: 24 Feb 2020 9:20

Tgt Ion: 84 Resp: 98313
Ion Ratio Lower Upper
84 100
49 120.2 93.4 140.0
51 37.6 28.4 42.6
86 64.9 52.5 78.7





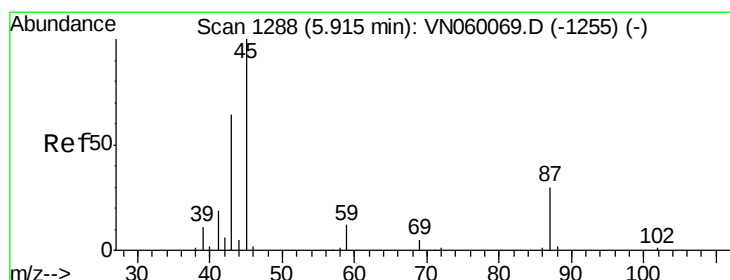
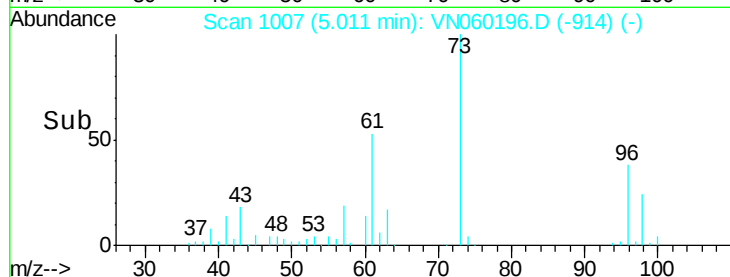
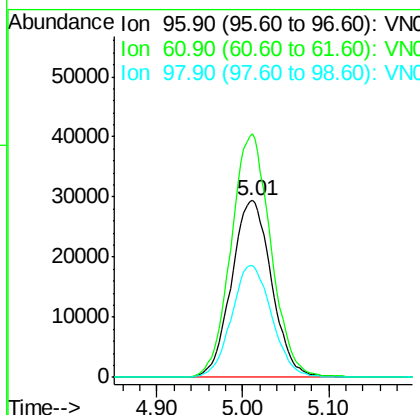
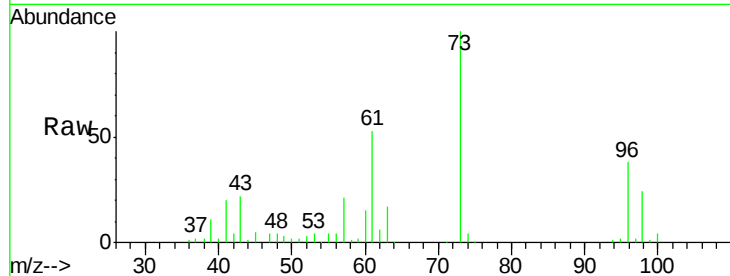
#21
trans-1,2-Dichloroethene
Concen: 49.290 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN060196.D
Acq: 24 Feb 2020 9:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.8	109.3	163.9
98	63.1	51.0	76.6

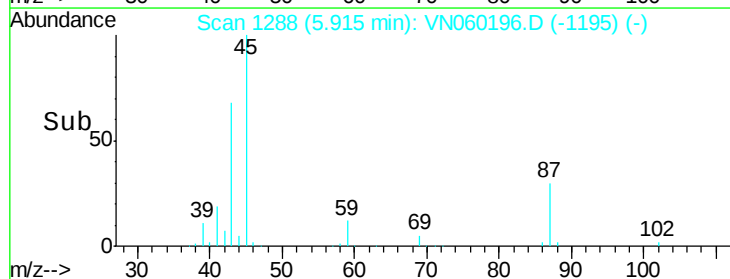
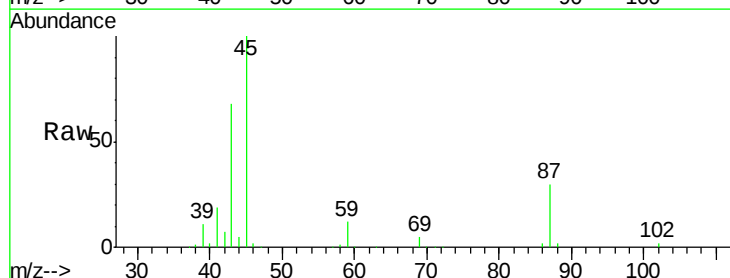
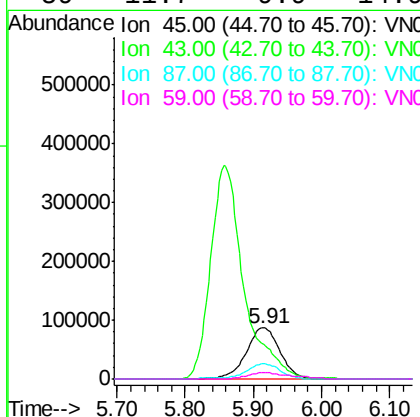
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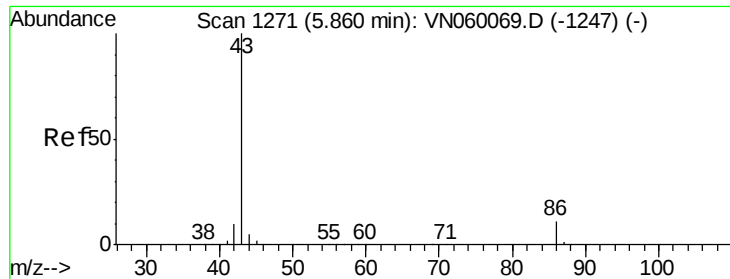
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#22
Diisopropyl ether
Concen: 52.020 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VN060196.D
Acq: 24 Feb 2020 9:20

Tgt Ion	Ratio	Lower	Upper
45	100		
43	66.2	55.9	83.9
87	30.0	24.5	36.7
59	11.7	9.9	14.9





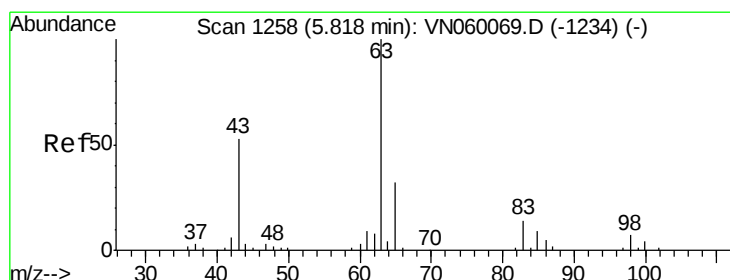
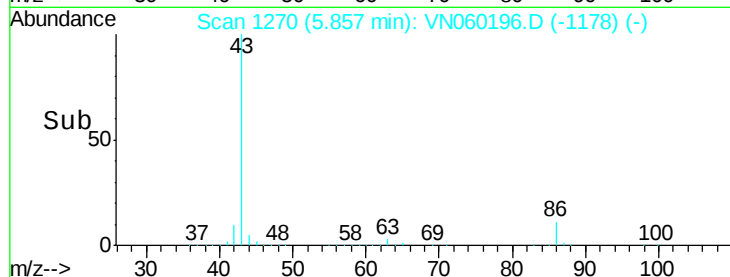
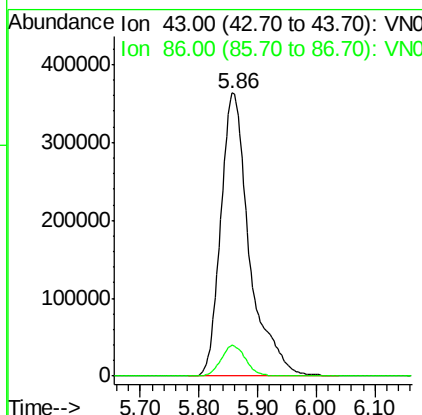
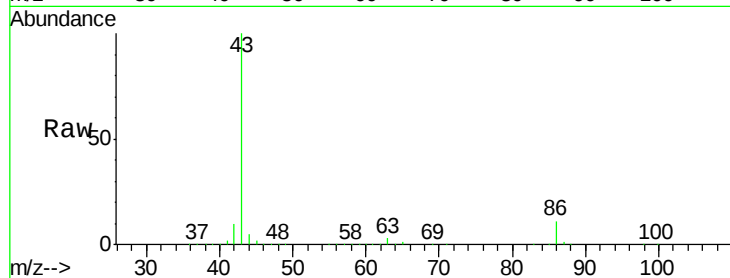
#23
 Vinyl Acetate
 Concen: 255.790 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VN060196.D
 Acq: 24 Feb 2020 9:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1230687
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.9 13.3

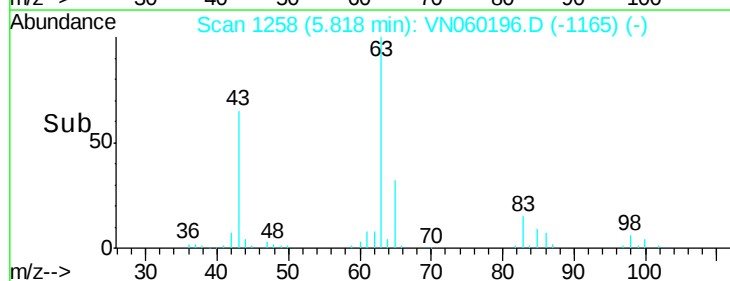
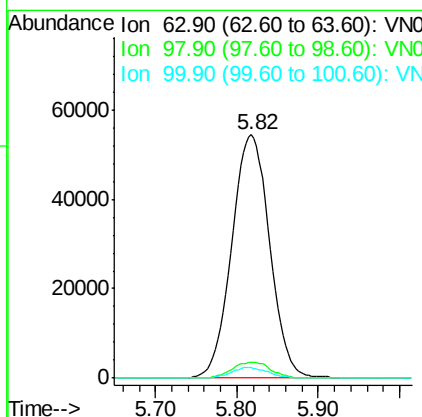
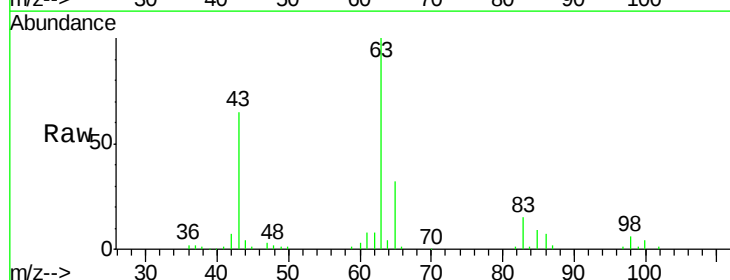
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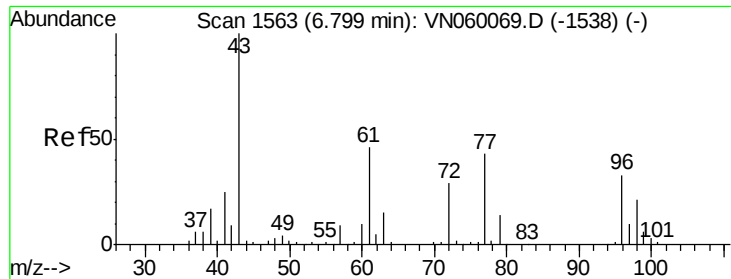
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 50.569 ug/l
 RT: 5.82 min Scan# 1258
 Delta R.T. -0.00 min
 Lab File: VN060196.D
 Acq: 24 Feb 2020 9:20

Tgt Ion: 63 Resp: 175512
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.5
 100 4.4 2.2 6.6





#25

2-Butanone

Concen: 261.927 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN060196.D

Acq: 24 Feb 2020 9:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 328470

Ion Ratio Lower Upper

43 100

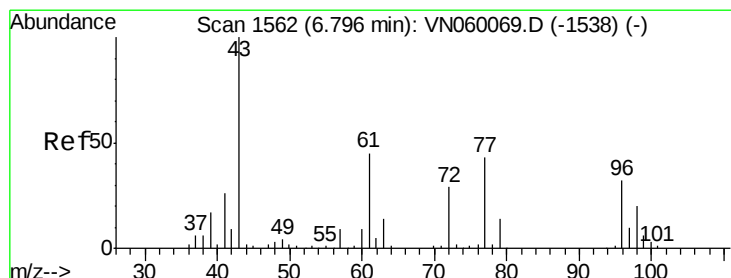
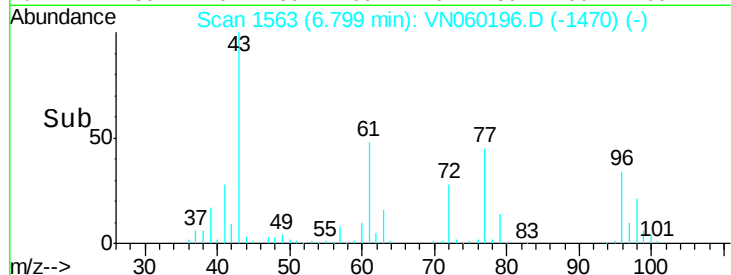
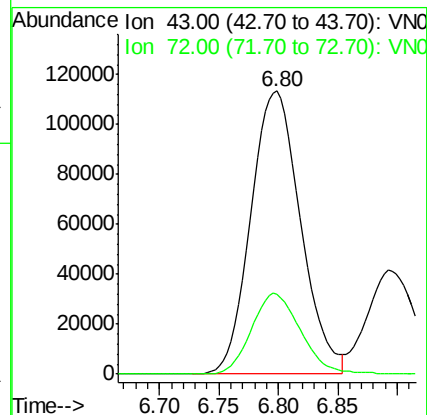
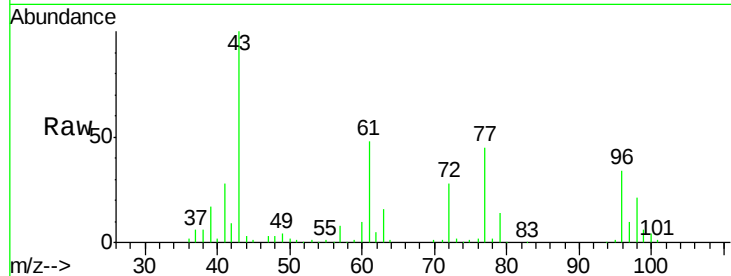
72 28.2 23.3 34.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 50.482 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060196.D

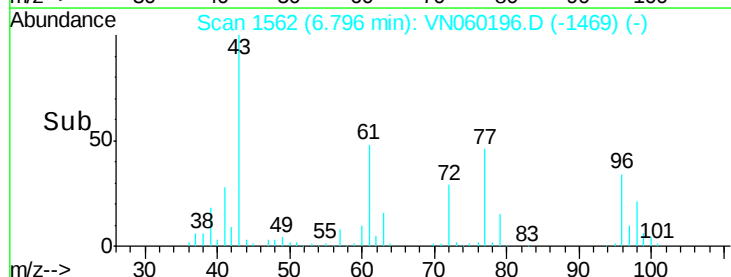
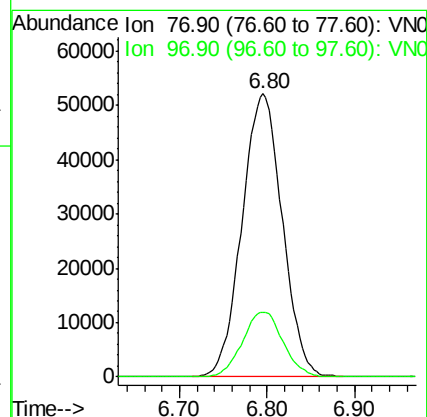
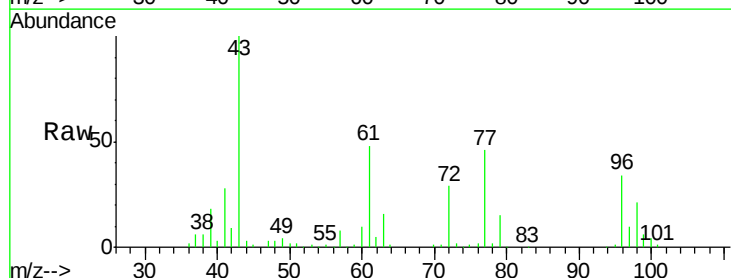
Acq: 24 Feb 2020 9:20

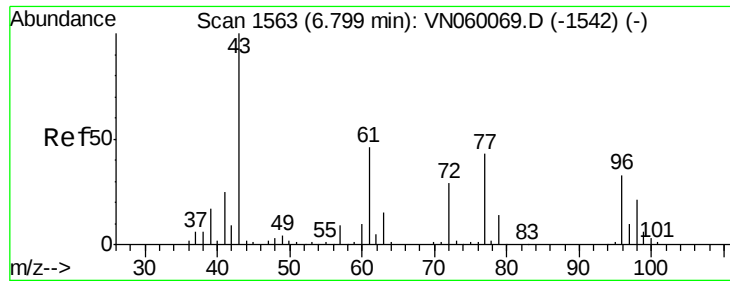
Tgt Ion: 77 Resp: 166419

Ion Ratio Lower Upper

77 100

97 23.0 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 49.291 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN060196.D

Acq: 24 Feb 2020 9:20

Instrument :

MSVOA_N

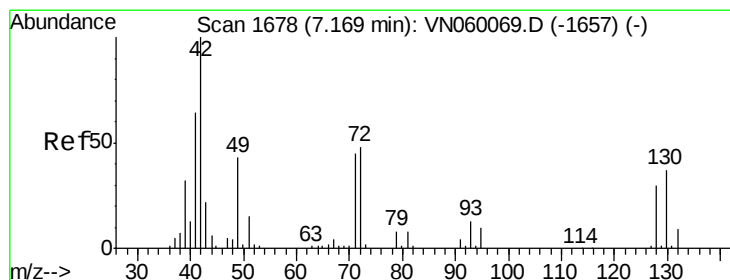
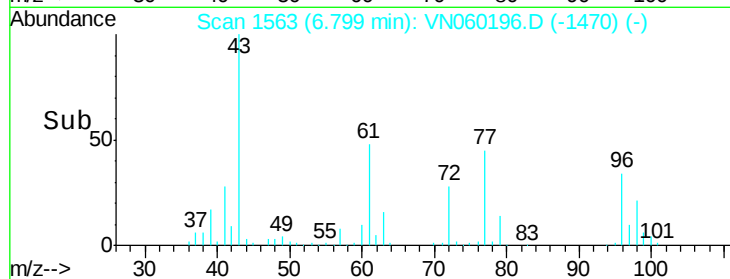
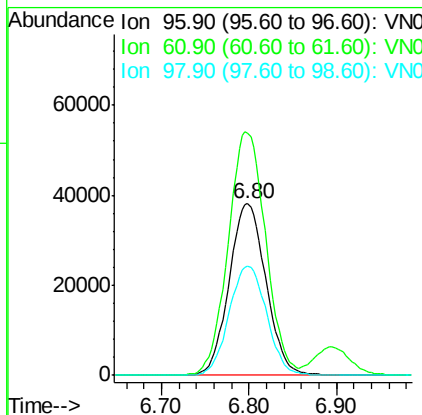
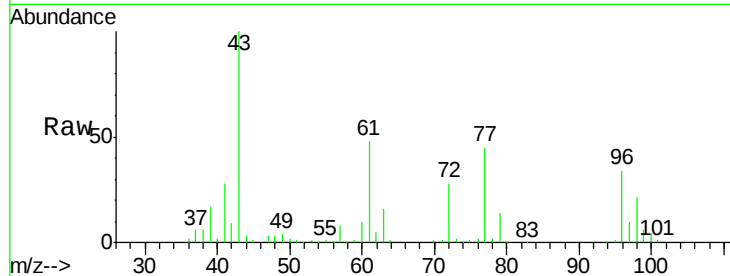
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	111687
Ion	Ratio	Lower	Upper
96	100		
61	144.1	0.0	285.8
98	64.6	0.0	129.6

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#28

Bromochloromethane

Concen: 50.100 ug/l

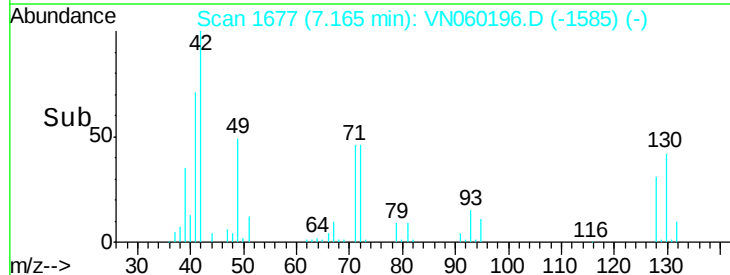
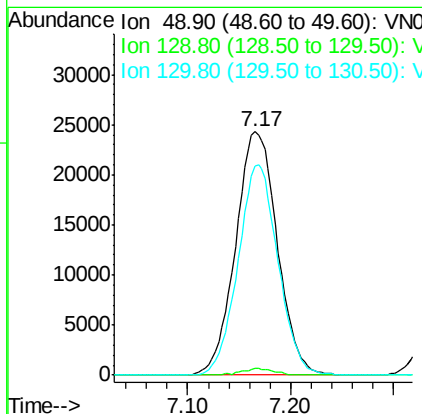
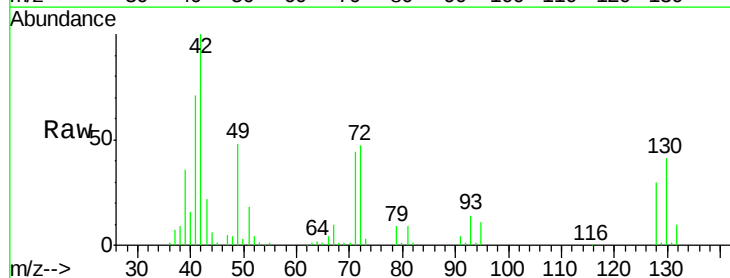
RT: 7.17 min Scan# 1677

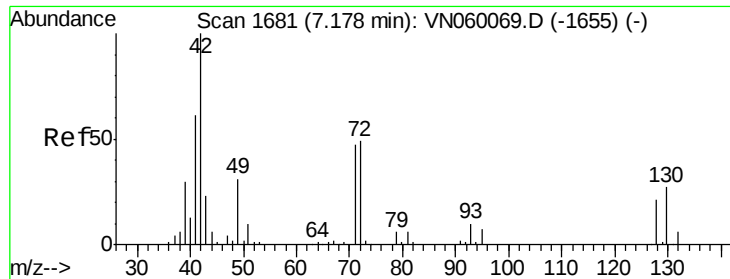
Delta R.T. -0.00 min

Lab File: VN060196.D

Acq: 24 Feb 2020 9:20

Tgt Ion:	49	Resp:	68360
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	2.2
130	82.6	66.8	100.2





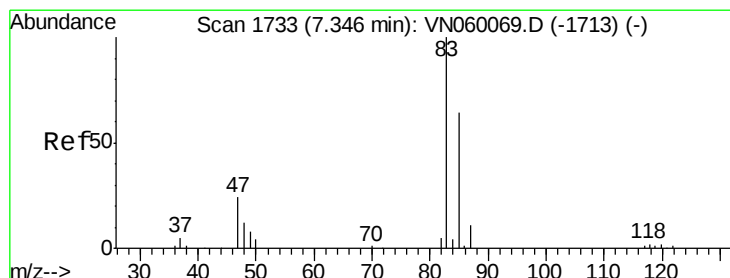
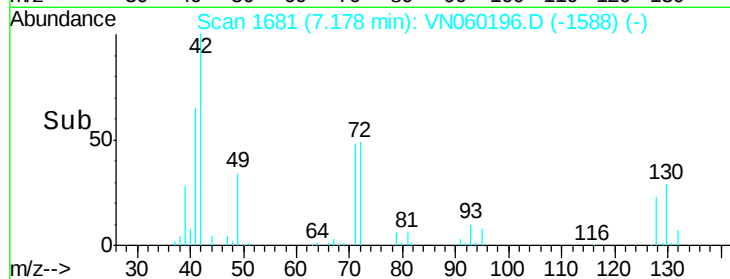
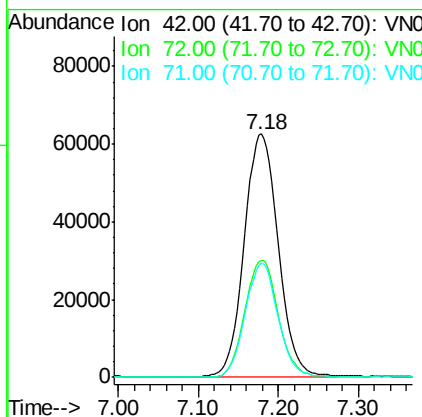
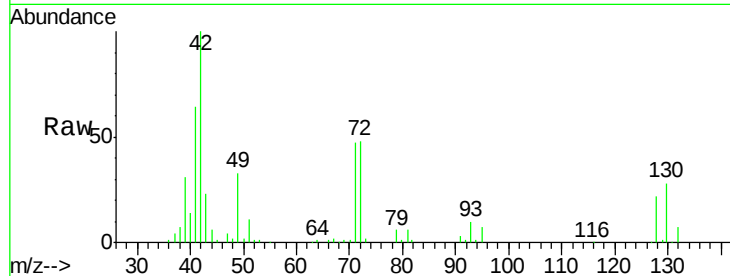
#29
Tetrahydrofuran
Concen: 236.518 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VN060196.D
Acq: 24 Feb 2020 9:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.2	38.2	57.4
71	45.1	36.6	54.8

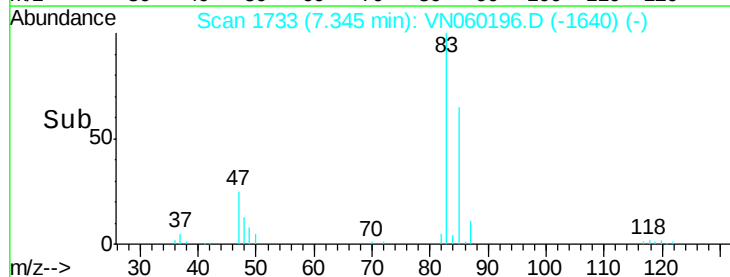
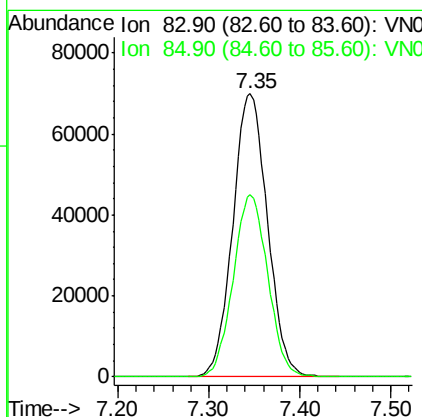
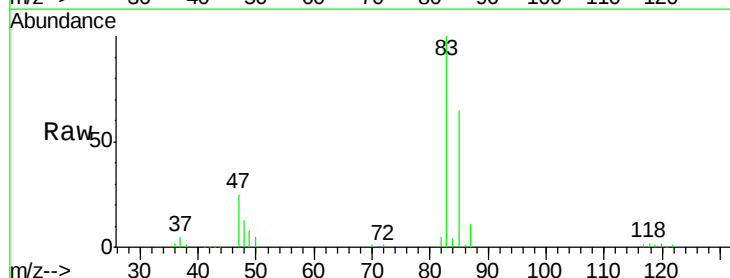
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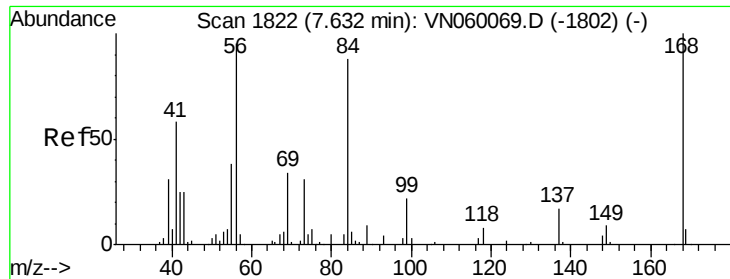
MMDadoda
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#30
Chloroform
Concen: 50.910 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN060196.D
Acq: 24 Feb 2020 9:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.4	77.0





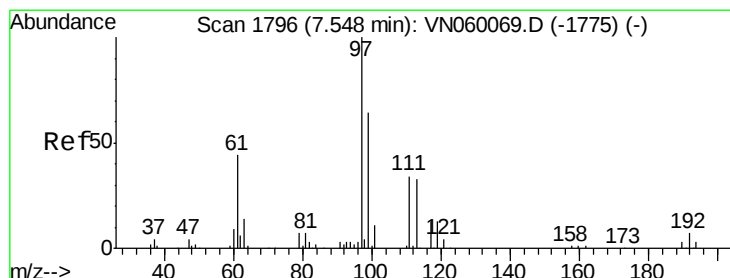
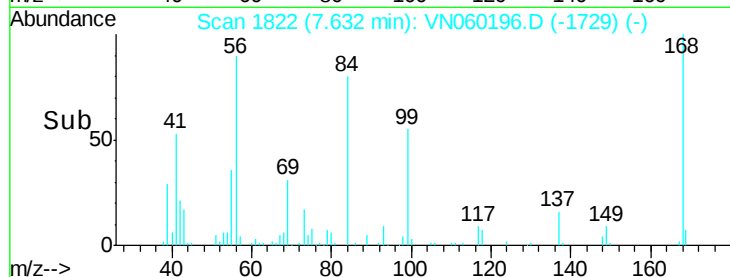
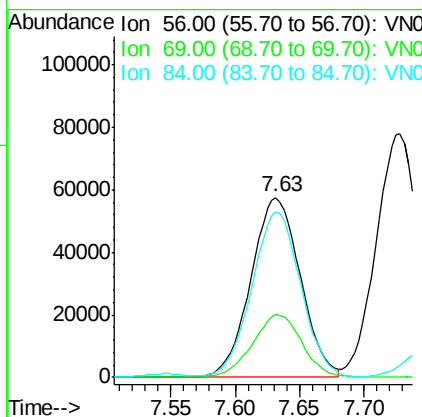
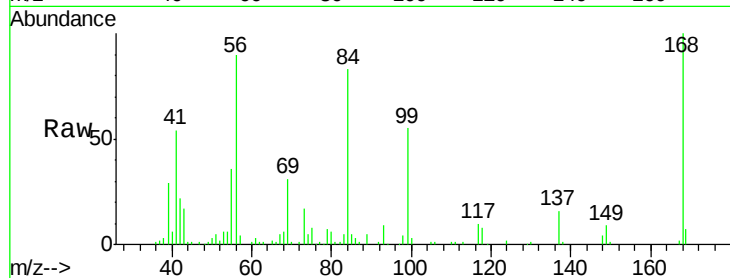
#31
Cyclohexane
Concen: 47.505 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN060196.D
Acq: 24 Feb 2020 9:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.8	28.3	42.5
84	91.0	72.6	108.8

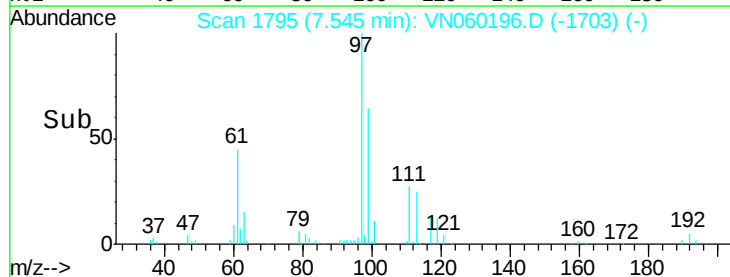
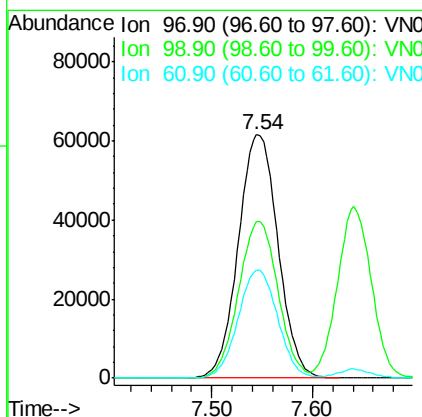
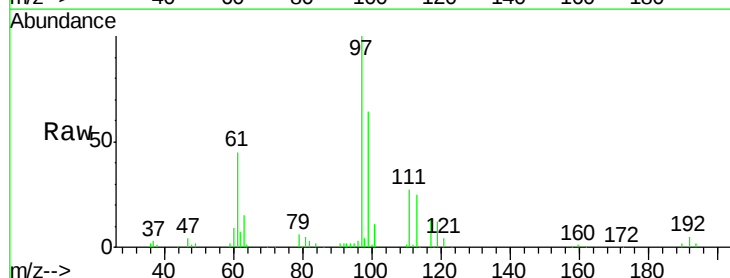
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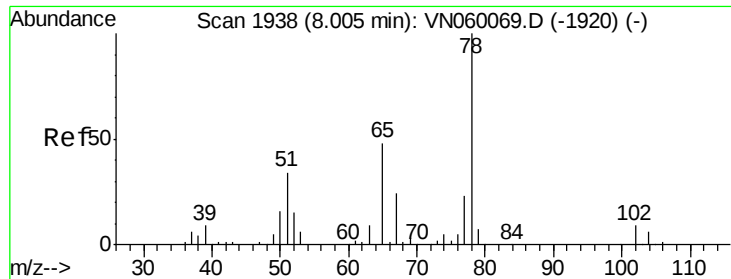
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 50.637 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN060196.D
Acq: 24 Feb 2020 9:20

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.4	77.0
61	44.1	34.9	52.3





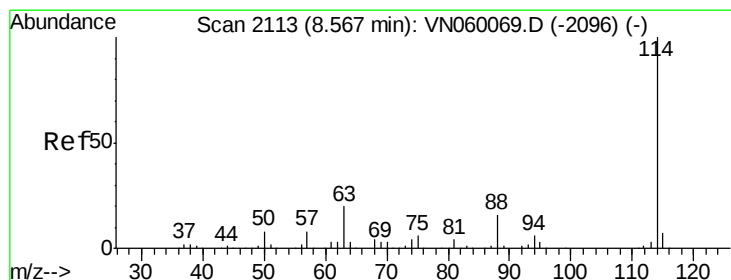
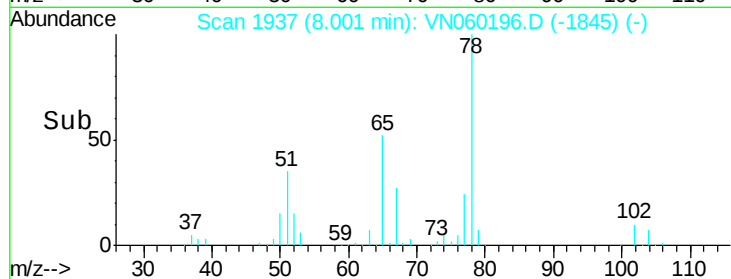
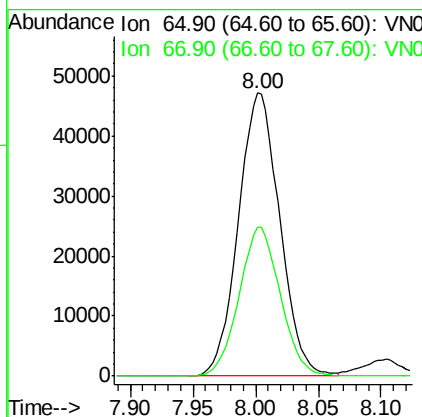
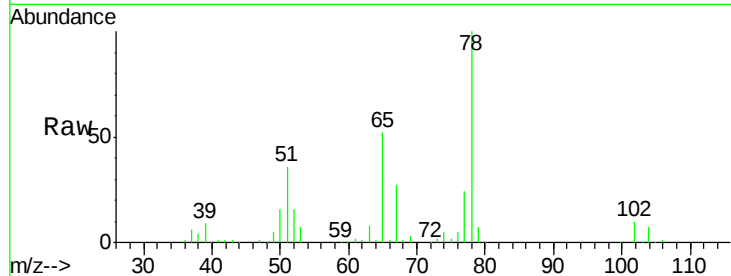
#33
 1,2-Dichloroethane-d4
 Concen: 47.353 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060196.D
 Acq: 24 Feb 2020 9:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.4	0.0	104.0	

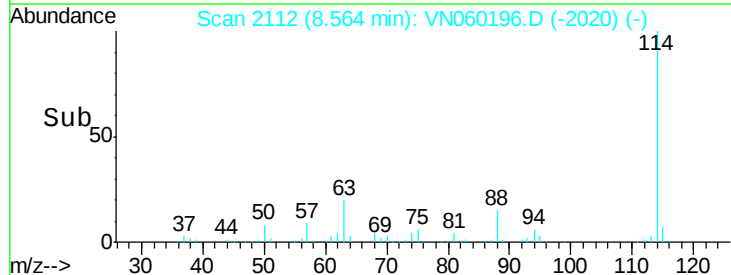
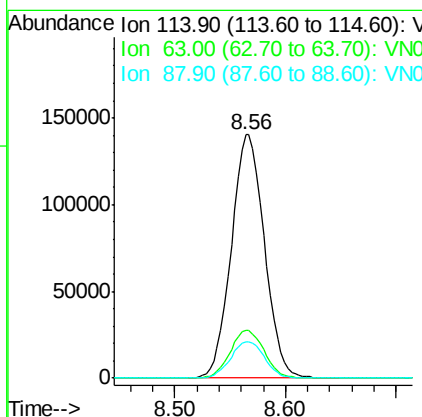
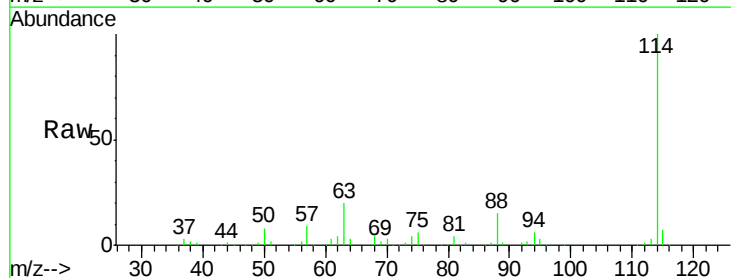
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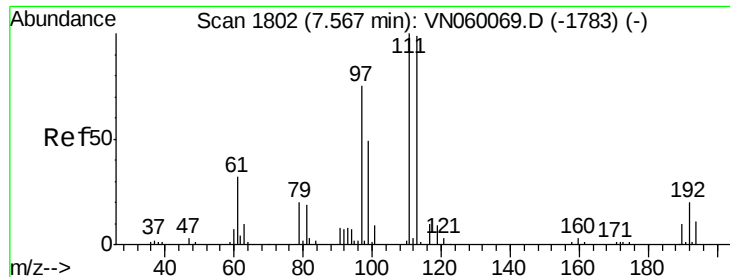
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060196.D
 Acq: 24 Feb 2020 9:20

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.7	0.0	40.0	
88	15.0	0.0	31.6	





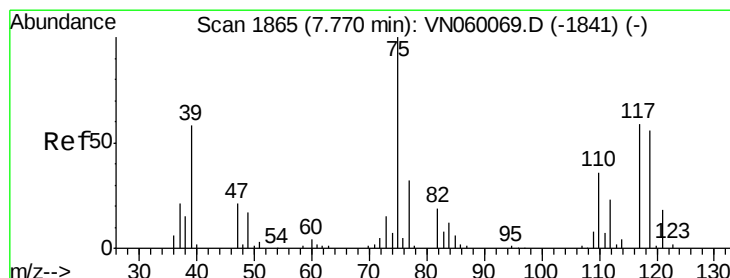
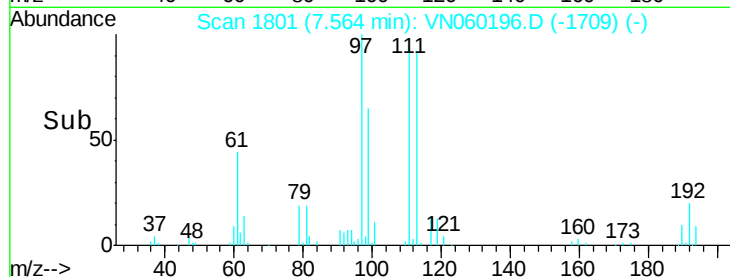
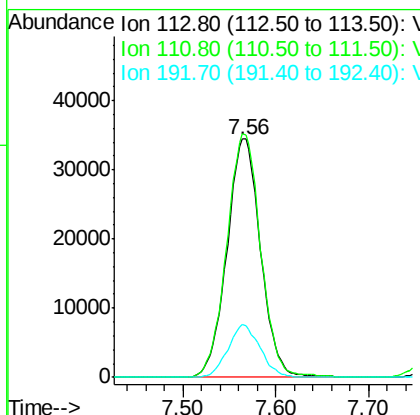
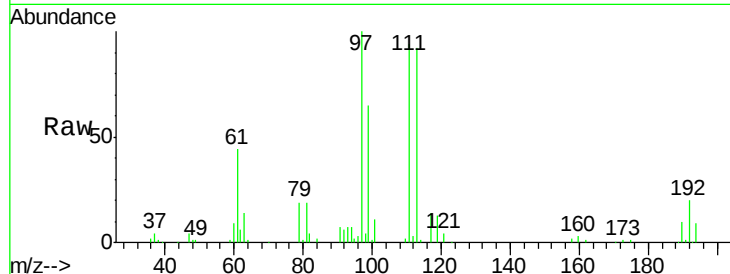
#35
Dibromofluoromethane
Concen: 48.265 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN060196.D
Acq: 24 Feb 2020 9:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.2
192	21.1	16.2	24.2

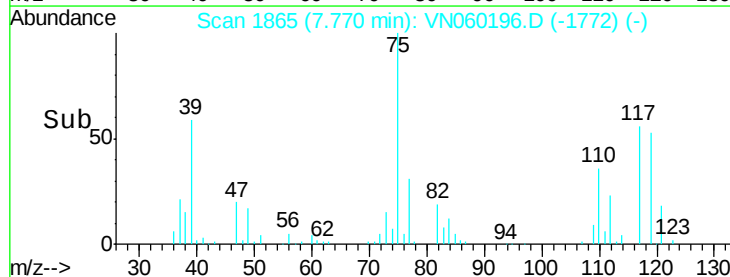
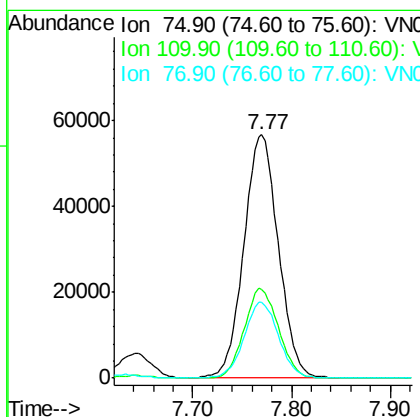
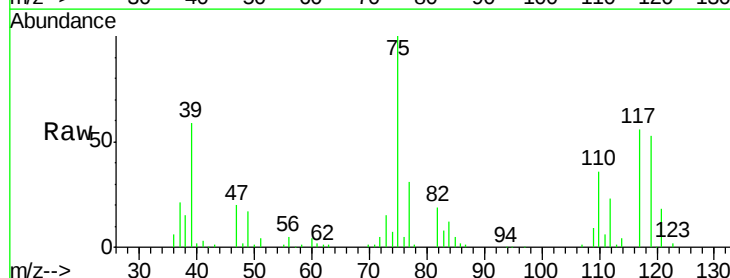
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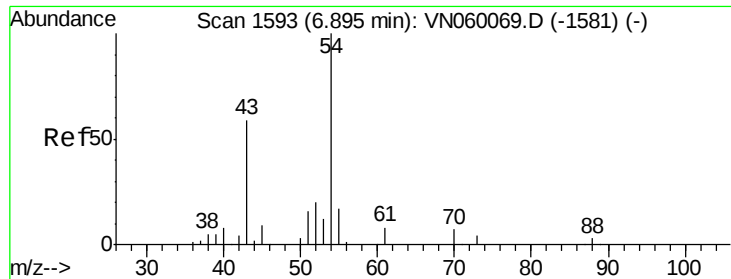
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#36
1,1-Dichloropropene
Concen: 50.670 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN060196.D
Acq: 24 Feb 2020 9:20

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	18.1	54.3
77	31.1	25.1	37.7





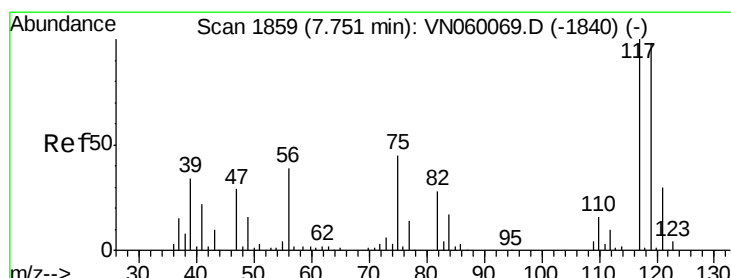
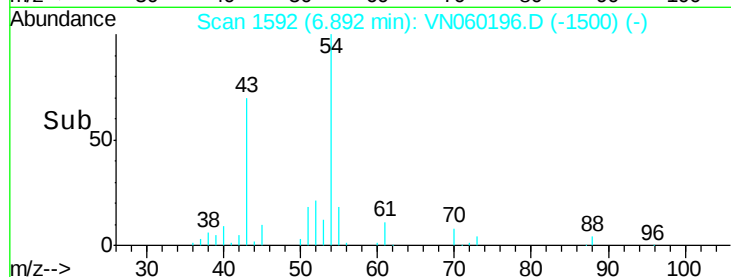
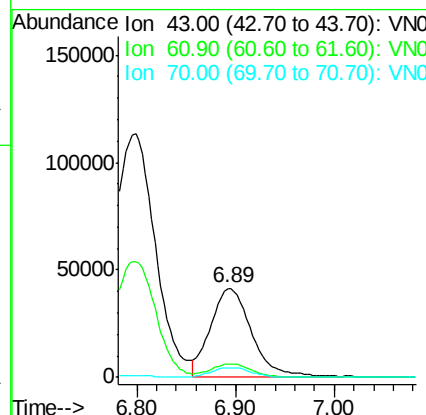
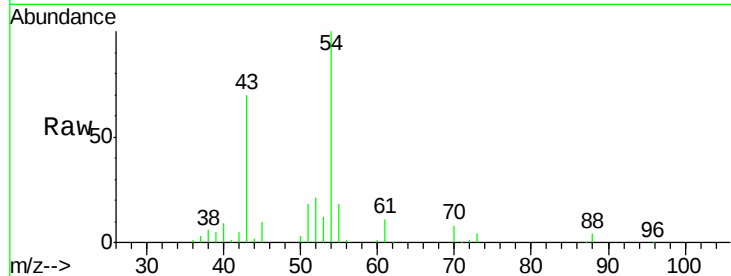
#37
Ethyl Acetate
Concen: 48.534 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060196.D
Acq: 24 Feb 2020 9:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.7	11.4	17.2
70	10.9	8.7	13.1

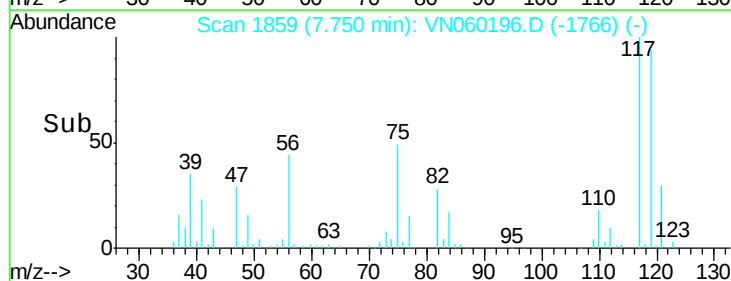
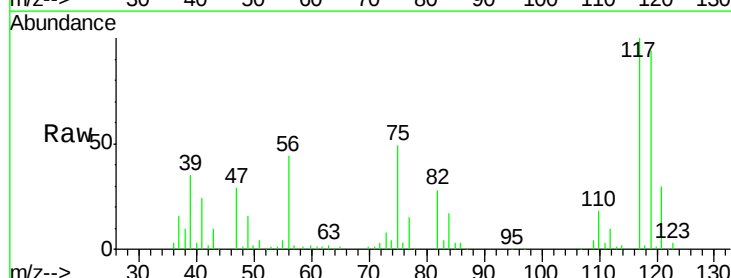
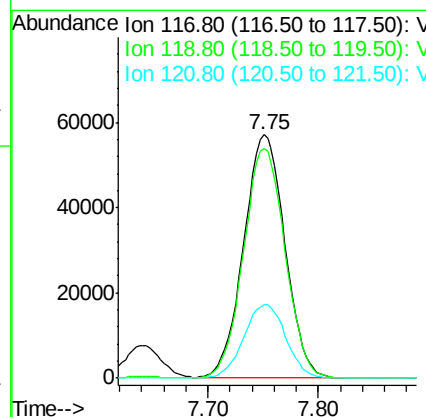
Manual Integrations
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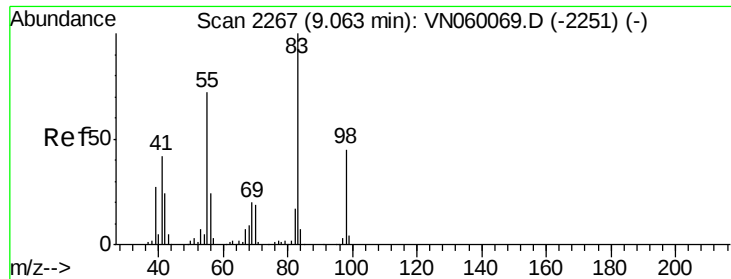
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#38
Carbon Tetrachloride
Concen: 50.493 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060196.D
Acq: 24 Feb 2020 9:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	78.2	117.4
121	29.9	24.2	36.2





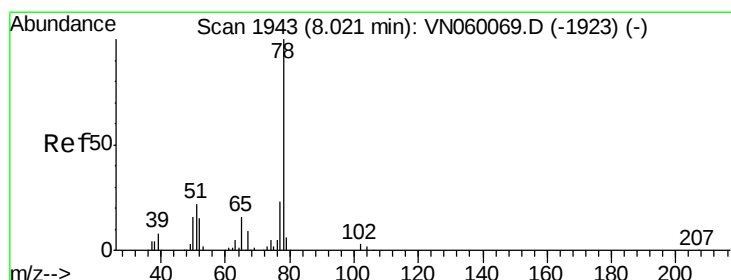
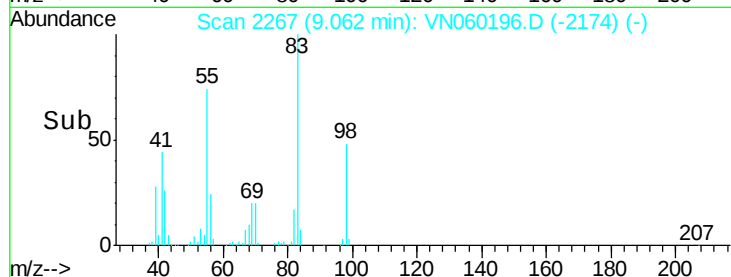
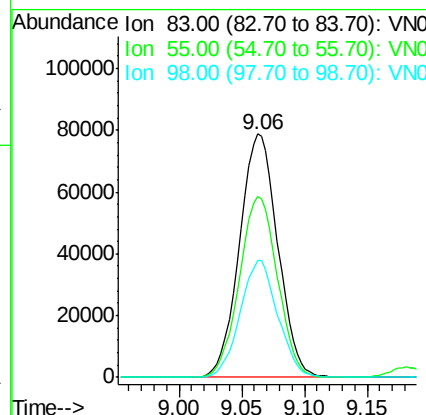
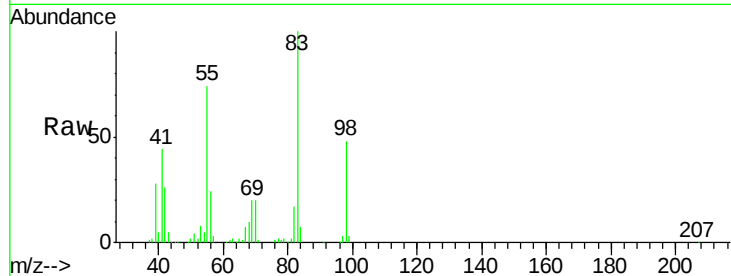
#39
Methvlcvclohexane
Concen: 49.759 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060196.D
Acq: 24 Feb 2020 9:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.2	57.8	86.8
98	47.9	36.4	54.6

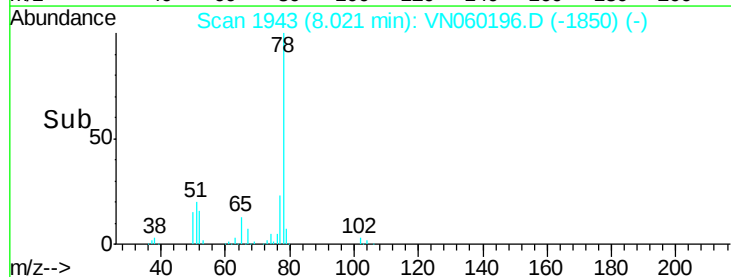
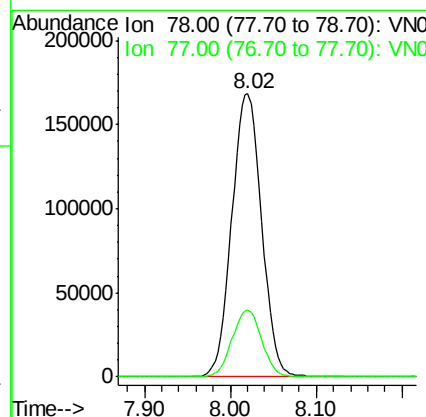
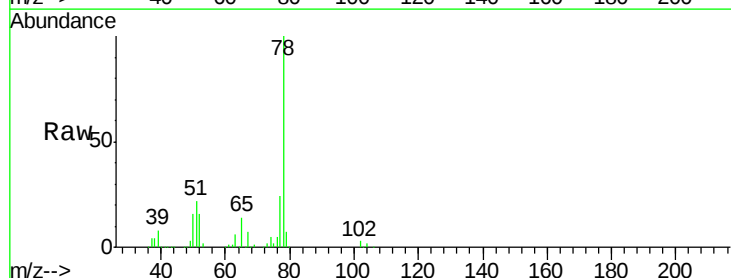
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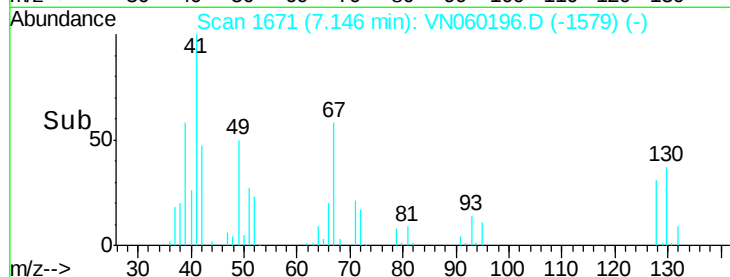
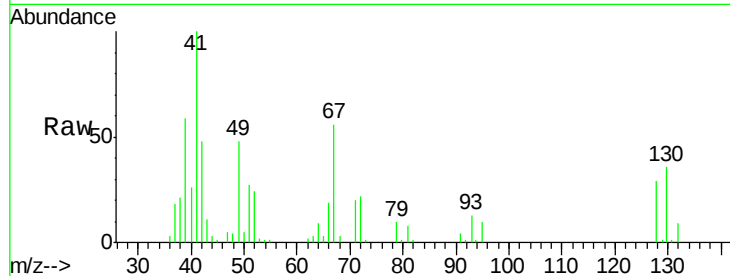
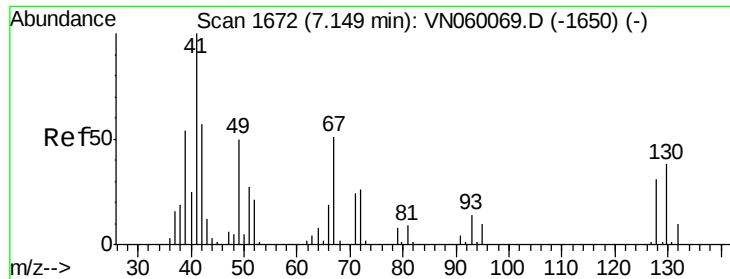
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#40
Benzene
Concen: 50.405 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN060196.D
Acq: 24 Feb 2020 9:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.8	28.2





#41

Methacrylonitrile

Concen: 51.246 ug/l m

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN060196.D

Acq: 24 Feb 2020 9:20

Tot Ion	41	Resp	52541
Ion Ratio	Lower	Upper	
41	100		
39	174.8	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Instrument :

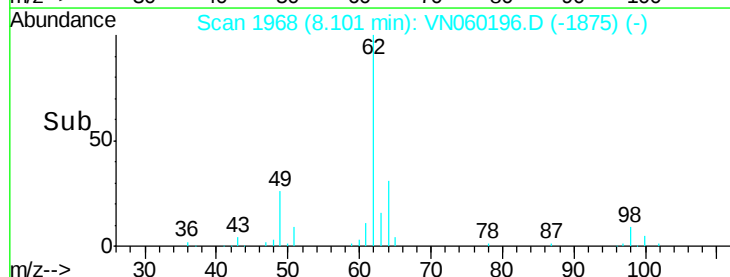
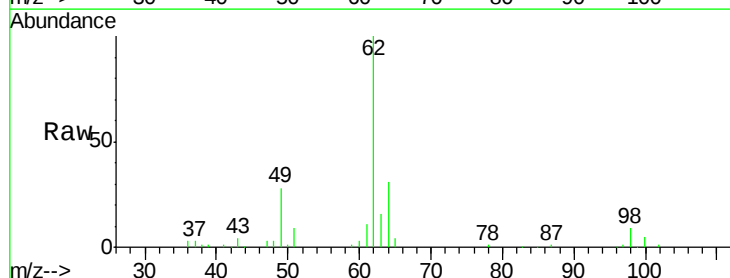
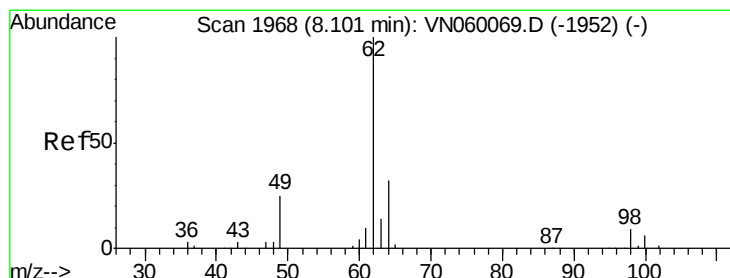
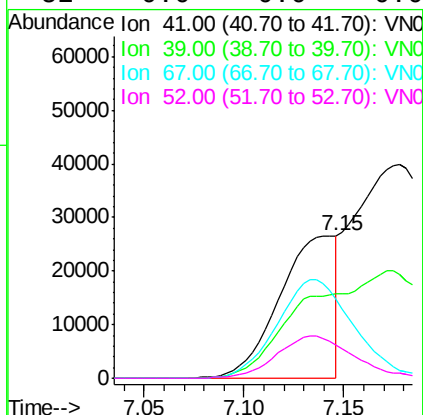
MSVOA_N

ClientSampleId :

VSTDCCC050

Manual Integrations
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MMDadoda
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#42

1,2-Dichloroethane

Concen: 51.714 ug/l

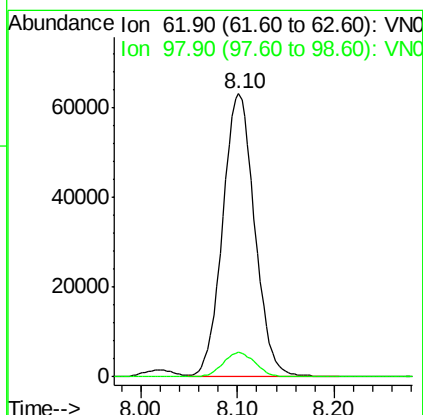
RT: 8.10 min Scan# 1968

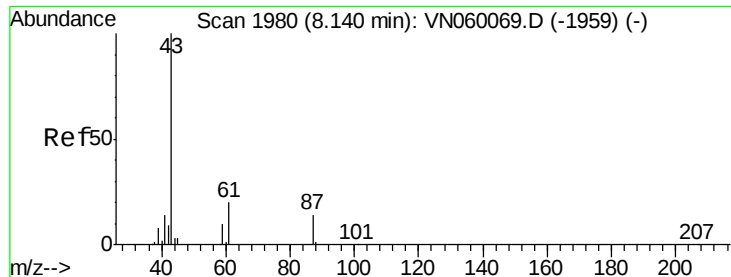
Delta R.T. -0.00 min

Lab File: VN060196.D

Acq: 24 Feb 2020 9:20

Tgt Ion	62	Resp	145440
Ion Ratio	Lower	Upper	
62	100		
98	8.7	0.0	18.2





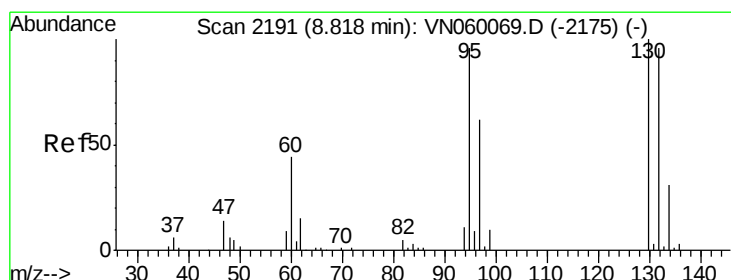
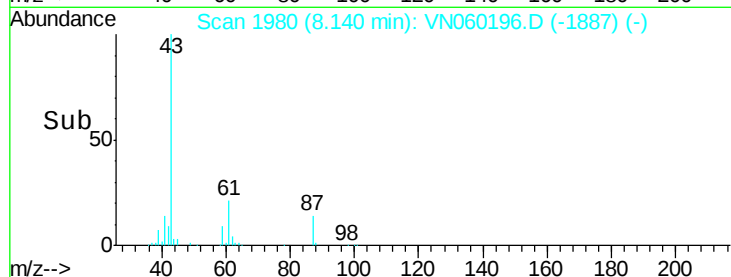
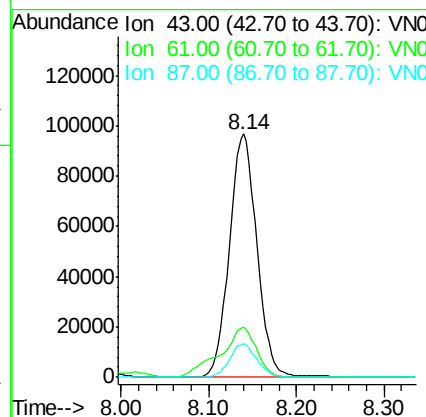
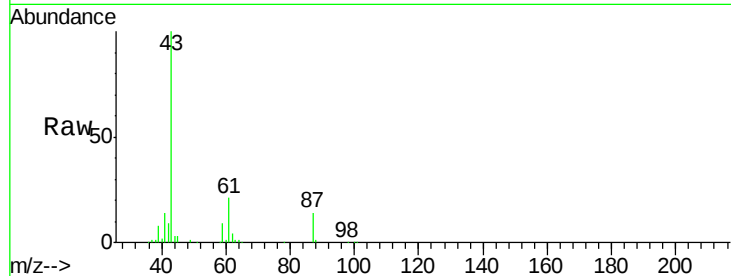
#43
Isopropyl Acetate
Concen: 50.622 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. -0.00 min
Lab File: VN060196.D
Acq: 24 Feb 2020 9:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	27.2	21.8	32.6
87	13.6	11.4	17.2

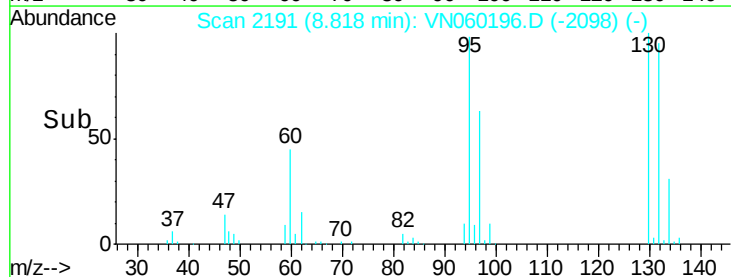
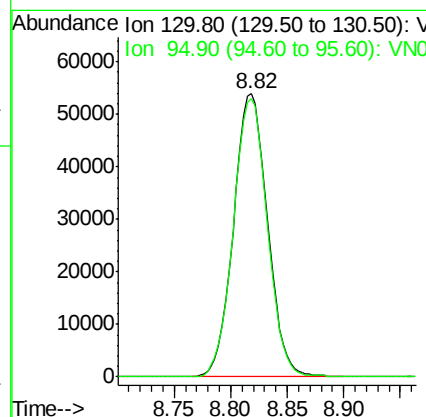
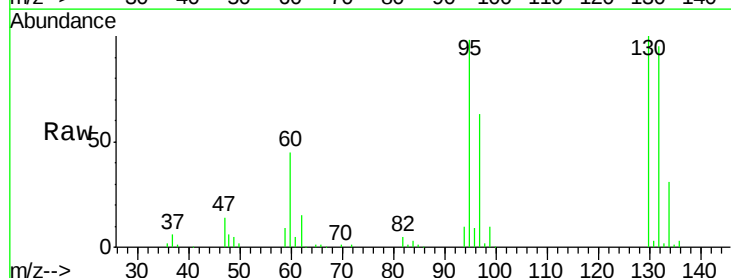
Manual Integrations
APPROVED

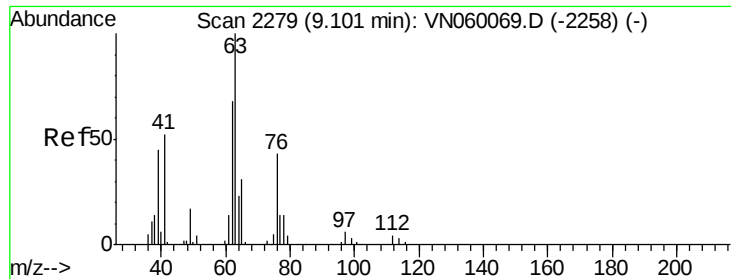
MMDadoda
2/25/2020 9:43:11 AM



#44
Trichloroethene
Concen: 50.764 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. -0.00 min
Lab File: VN060196.D
Acq: 24 Feb 2020 9:20

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.2	0.0	192.4





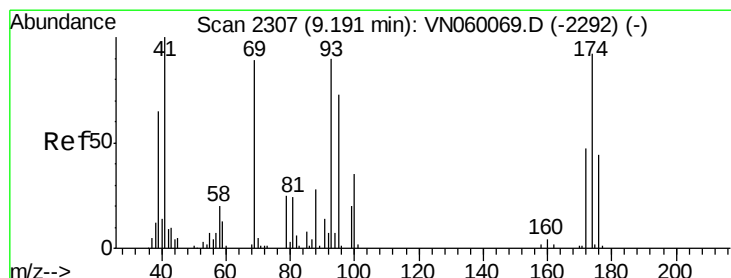
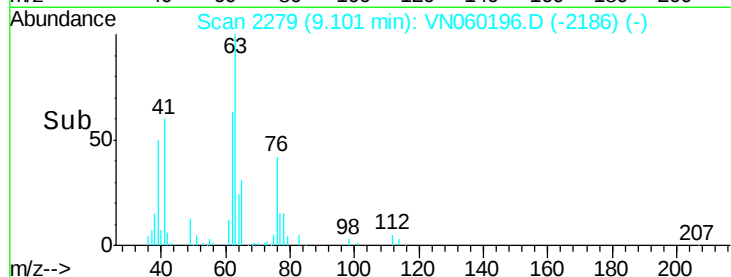
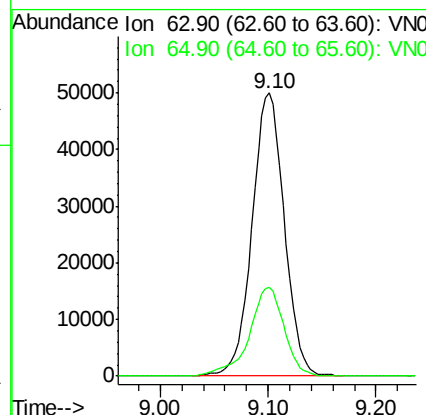
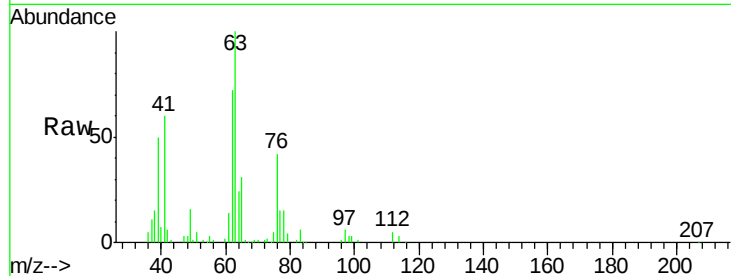
#45
 1,2-Dichloropropane
 Concen: 52.128 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN060196.D
 Acq: 24 Feb 2020 9:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 103557
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.0 37.4

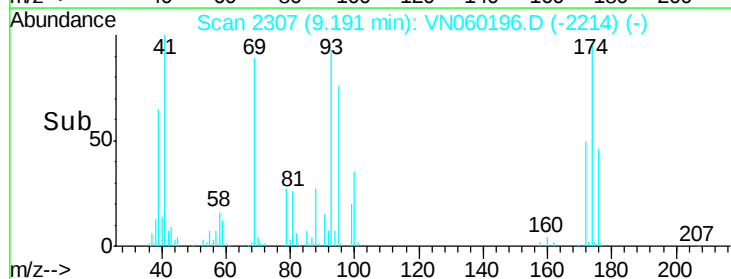
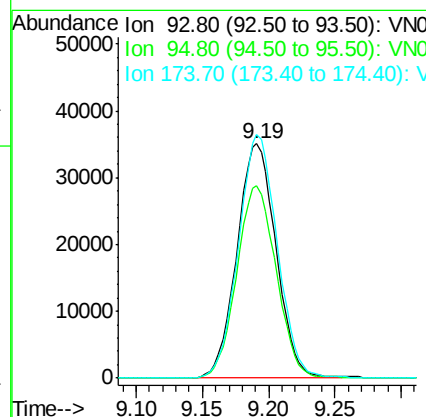
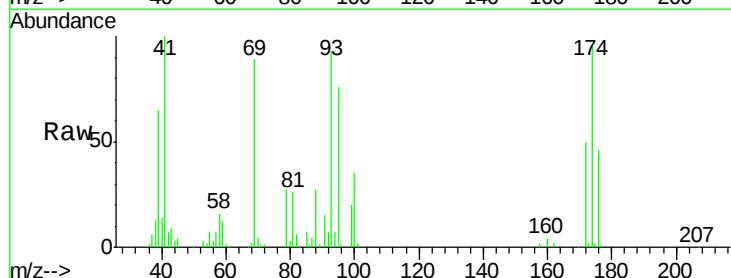
Manual Integrations
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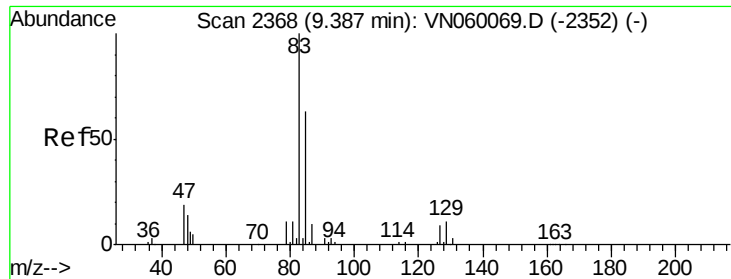
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 2/25/2020 9:43:11 AM



#46
 Dibromomethane
 Concen: 51.215 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN060196.D
 Acq: 24 Feb 2020 9:20

Tgt Ion: 93 Resp: 71900
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.0 97.6
 174 103.3 82.3 123.5





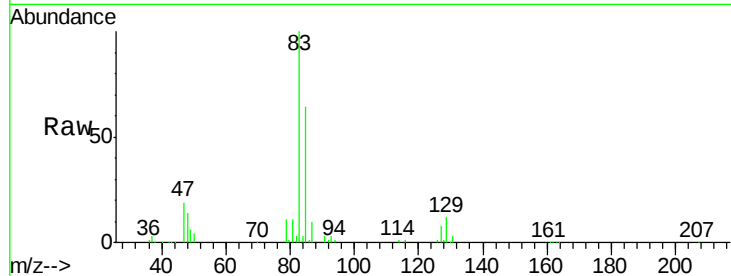
#47
Bromodichloromethane
Concen: 52.692 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. -0.00 min
Lab File: VN060196.D
Acq: 24 Feb 2020 9:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	64.4	50.6	75.8	
127	8.5	7.0	10.6	

Manual Integrations
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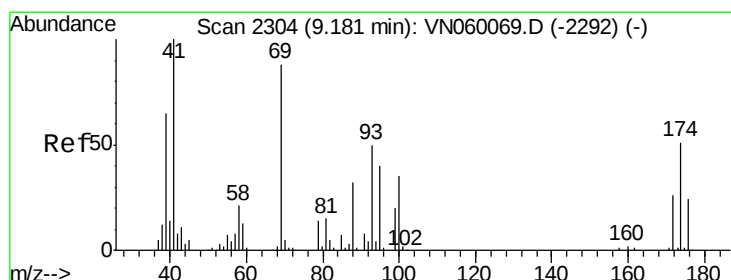
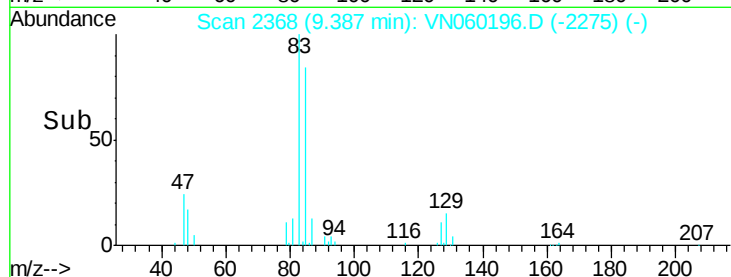
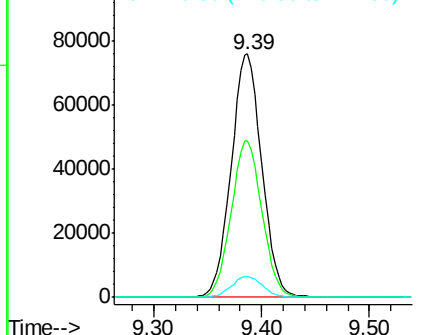
MMDadoda
2/25/2020 9:43:11 AM



Abundance Ion 82.90 (82.60 to 83.60): VN060196.D (-2275) (-)

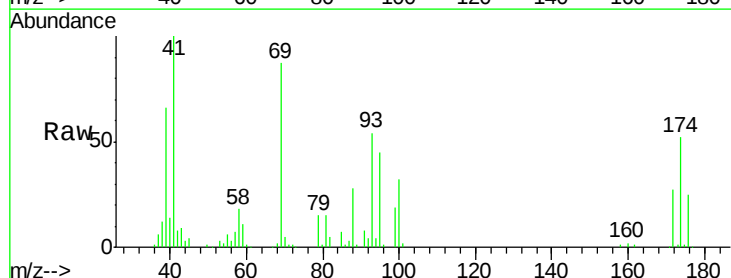
Ion 84.90 (84.60 to 85.60): VN060196.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060196.D (-2275) (-)



#48
Methyl methacrylate
Concen: 50.182 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.00 min
Lab File: VN060196.D
Acq: 24 Feb 2020 9:20

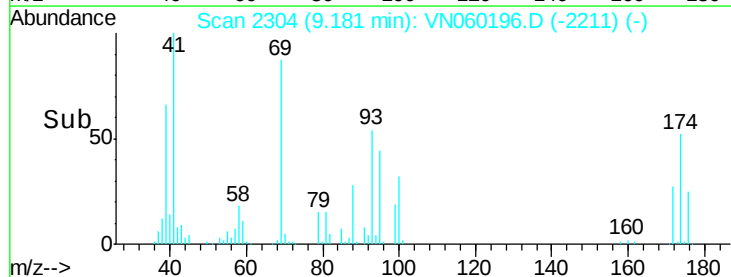
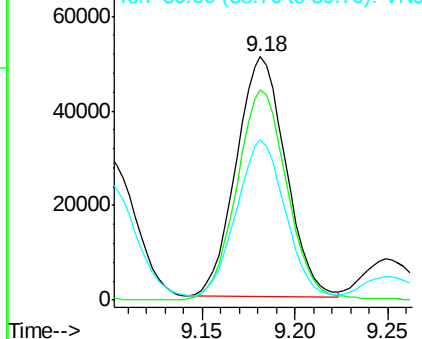
Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	89.5	72.0	108.0	
39	64.1	54.1	81.1	

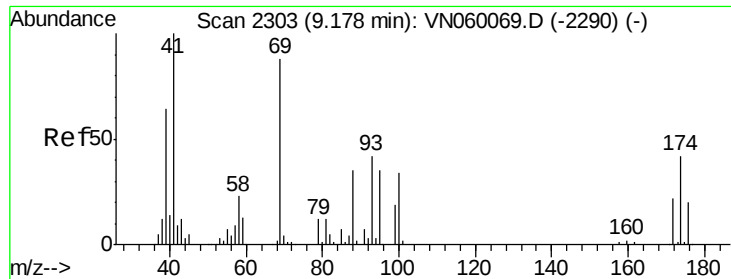


Abundance Ion 41.00 (40.70 to 41.70): VN060196.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060196.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060196.D (-2211) (-)





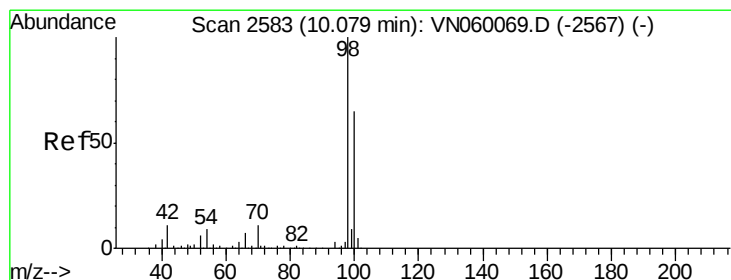
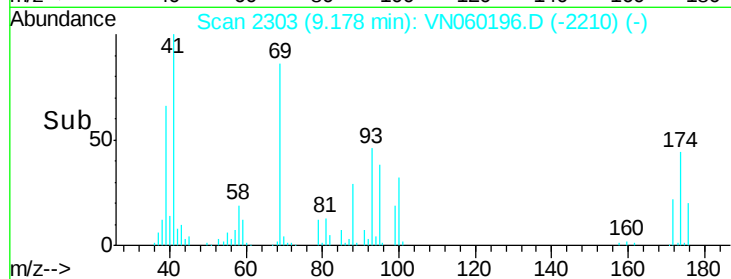
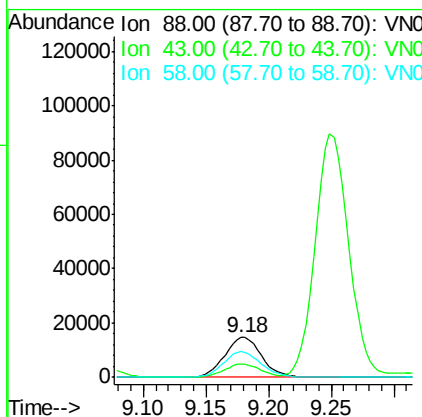
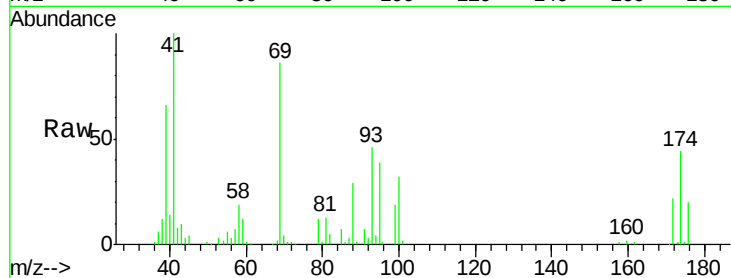
#49
 1,4-Dioxane
 Concen: 941.854 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: VN060196.D
 Acq: 24 Feb 2020 9:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.4	26.2	39.2
58	65.2	53.2	79.8

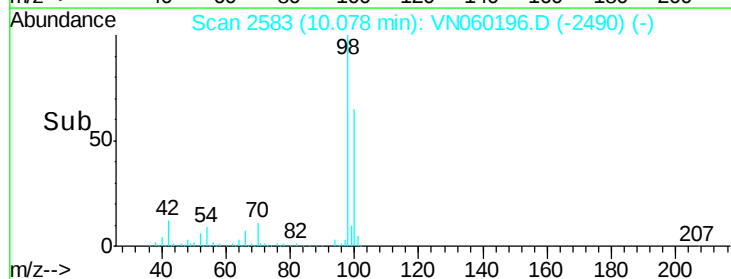
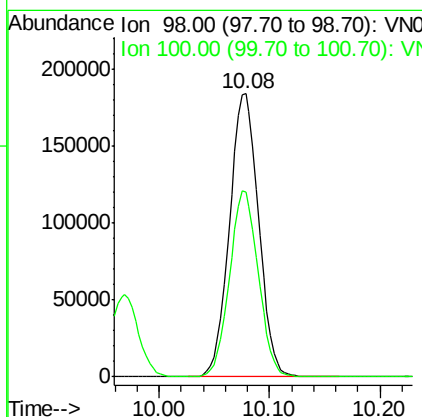
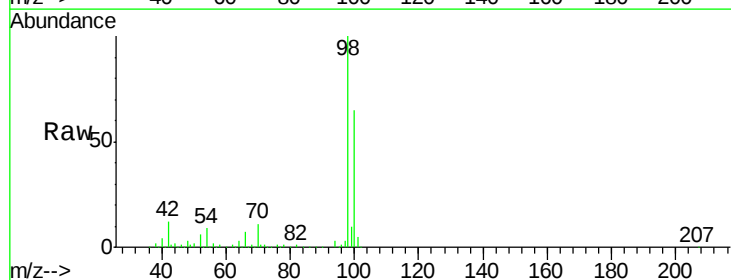
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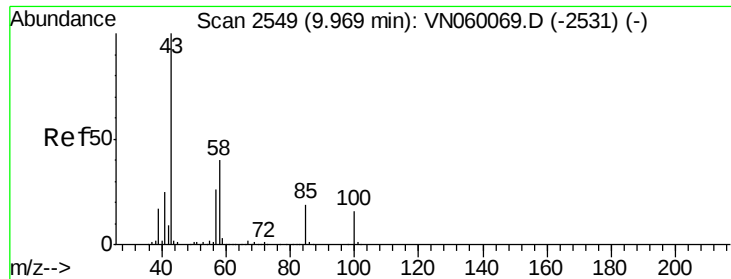
MMDadoda
 2/25/2020 9:43:11 AM



#50
 Toluene-d8
 Concen: 47.591 ug/l
 RT: 10.08 min Scan# 2583
 Delta R.T. -0.00 min
 Lab File: VN060196.D
 Acq: 24 Feb 2020 9:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 252.061 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VN060196.D

Acq: 24 Feb 2020 9:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 609725

Ion Ratio Lower Upper

43 100

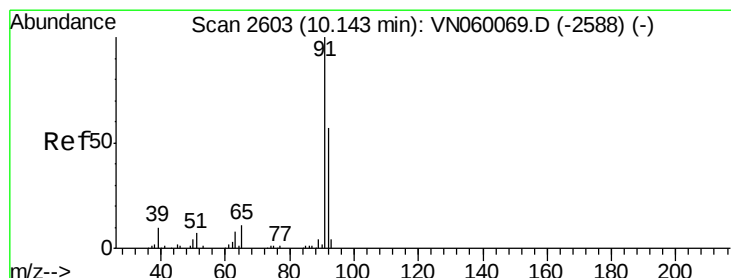
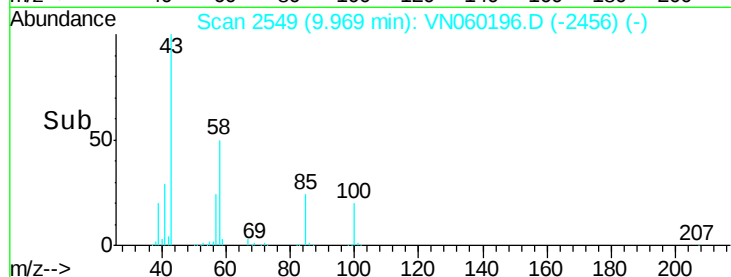
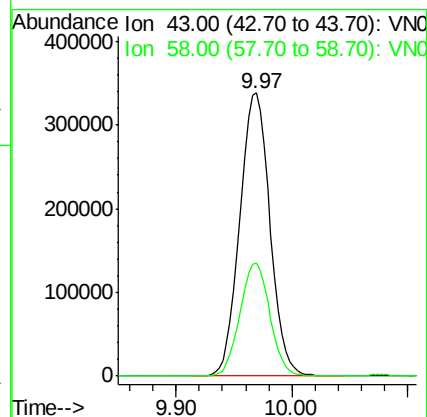
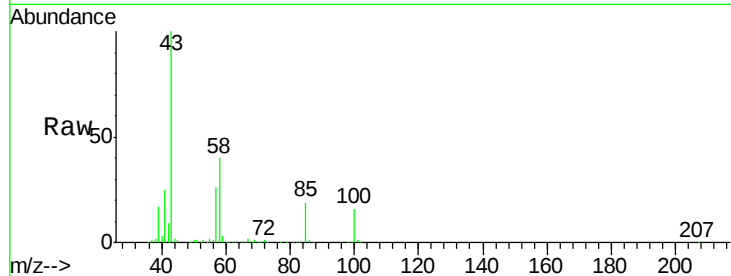
58 39.6 31.8 47.8

Manual Integrations

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2/25/2020 9:43:11 AM



#52

Toluene

Concen: 51.501 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN060196.D

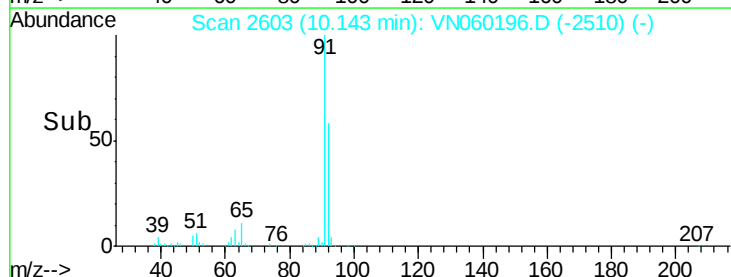
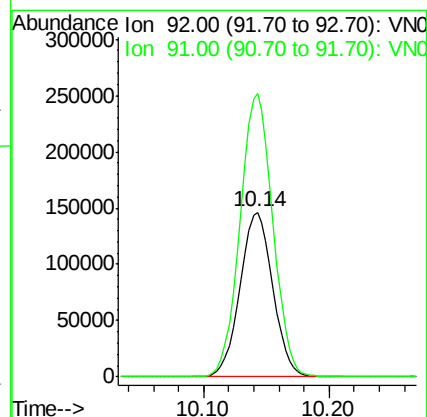
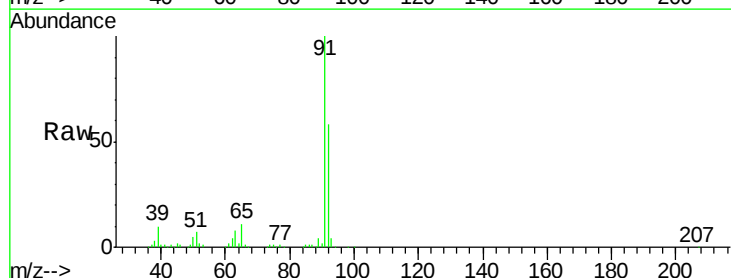
Acq: 24 Feb 2020 9:20

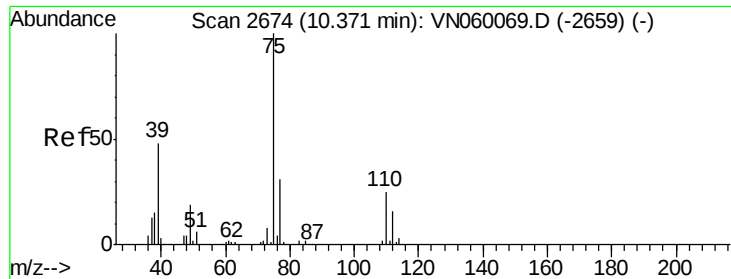
Tgt Ion: 92 Resp: 265005

Ion Ratio Lower Upper

92 100

91 172.4 140.9 211.3





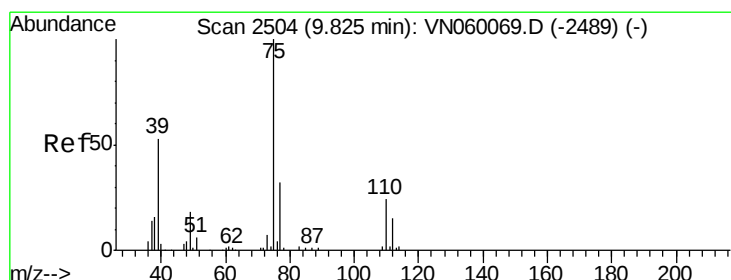
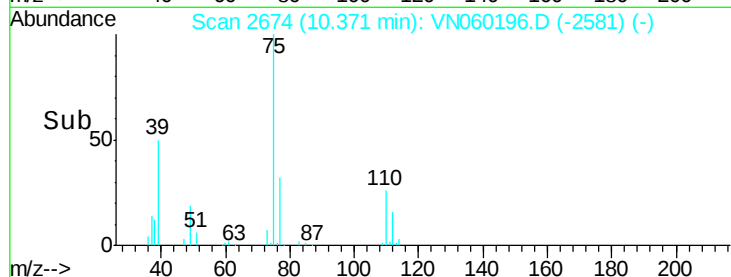
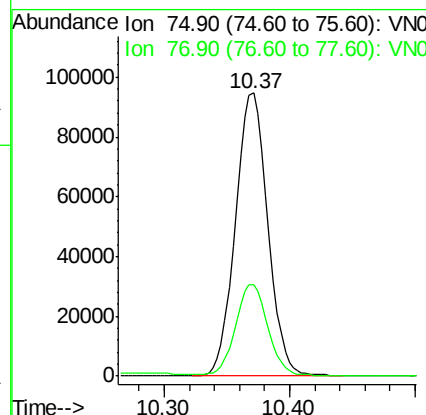
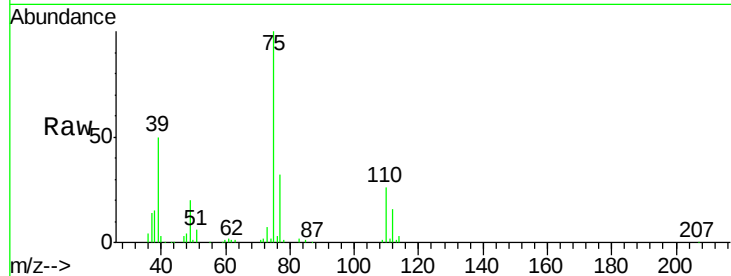
#53
t-1,3-Dichloropropene
Concen: 52.677 ug/l
RT: 10.37 min Scan# 2674
Delta R.T. -0.00 min
Lab File: VN060196.D
Acq: 24 Feb 2020 9:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 169711
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0

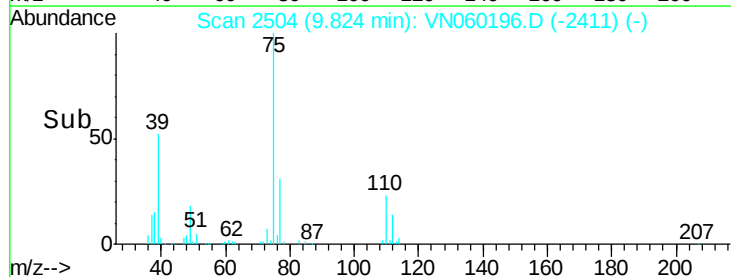
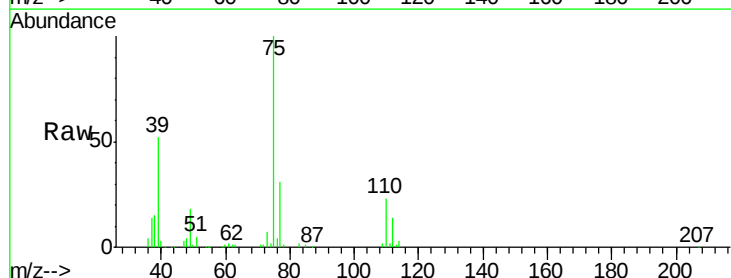
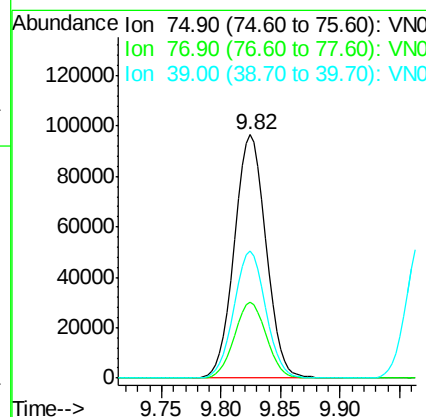
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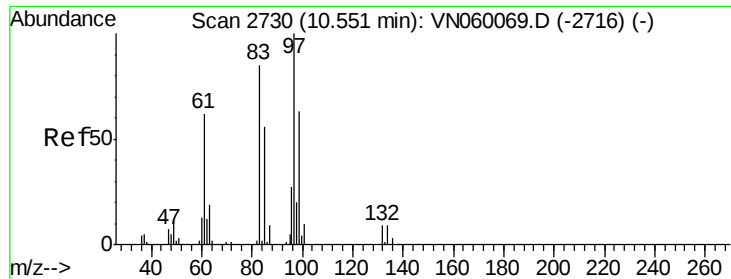
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 52.572 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. -0.00 min
Lab File: VN060196.D
Acq: 24 Feb 2020 9:20

Tgt Ion: 75 Resp: 178351
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4
39 52.1 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 51.027 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. -0.00 min

Lab File: VN060196.D

Acq: 24 Feb 2020 9:20

Instrument :

MSVOA_N

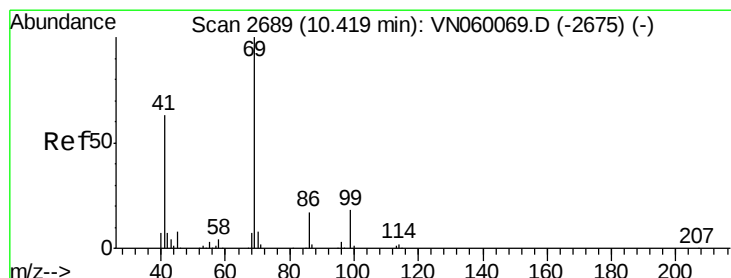
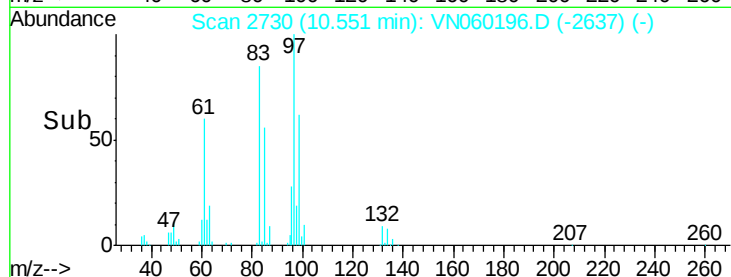
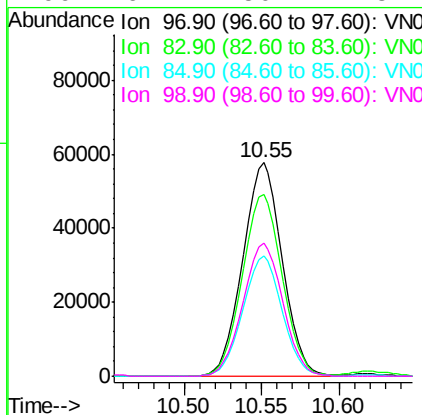
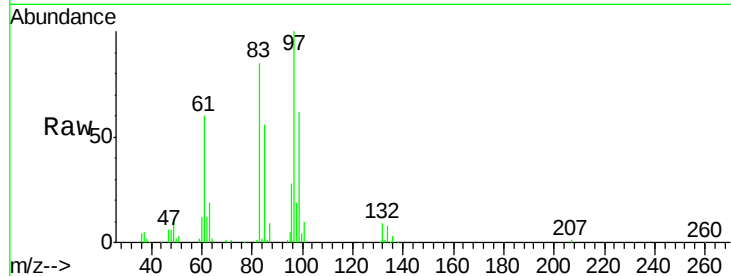
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	102434
Ion	Ratio	Lower	Upper
97	100		
83	85.3	67.9	101.9
85	56.1	44.6	67.0
99	62.2	50.1	75.1

Manual Integrations
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#56

Ethyl methacrylate

Concen: 52.379 ug/l

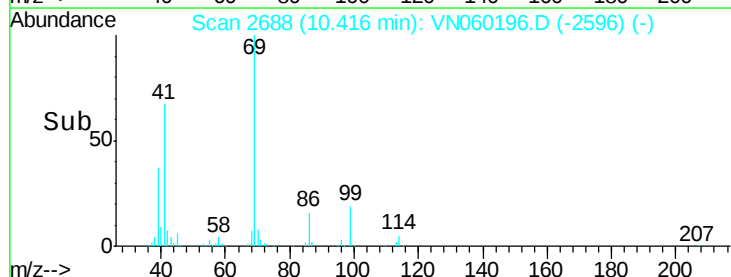
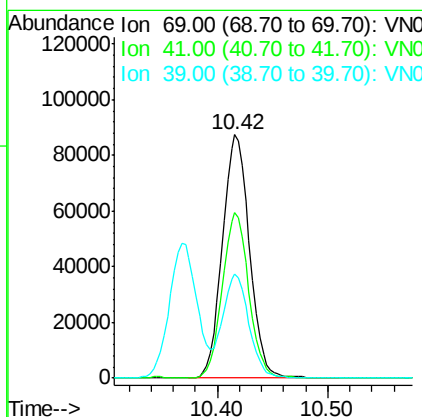
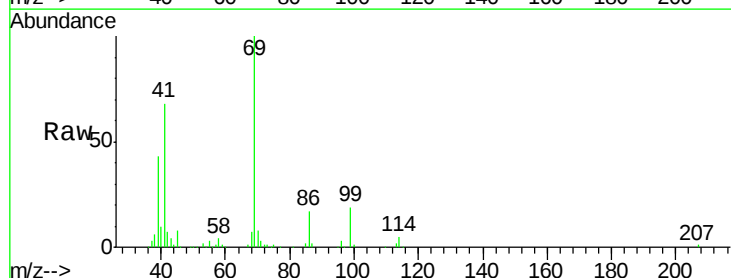
RT: 10.42 min Scan# 2688

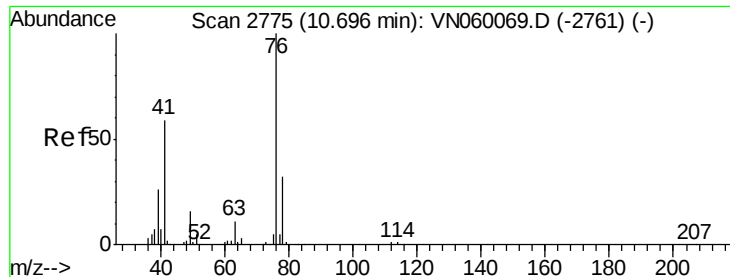
Delta R.T. -0.00 min

Lab File: VN060196.D

Acq: 24 Feb 2020 9:20

Tgt Ion:	69	Resp:	148746
Ion	Ratio	Lower	Upper
69	100		
41	65.7	51.1	76.7
39	41.6	33.8	50.8





#57

1,3-Dichloropropane

Concen: 51.246 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060196.D

Acq: 24 Feb 2020 9:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 169749

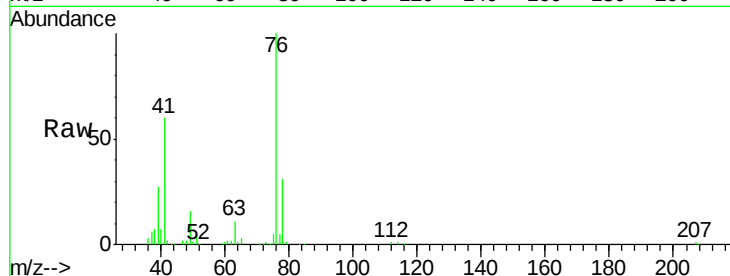
Ion Ratio Lower Upper

76 100

78 32.0 25.7 38.5

Manual Integrations
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Abundance Ion 75.90 (75.60 to 76.60): VN060069.D (-2761) (-)

Ion 77.90 (77.60 to 78.60): VN060069.D (-2761) (-)

10.70

80000

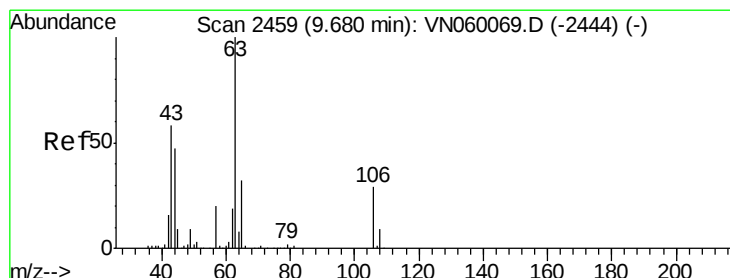
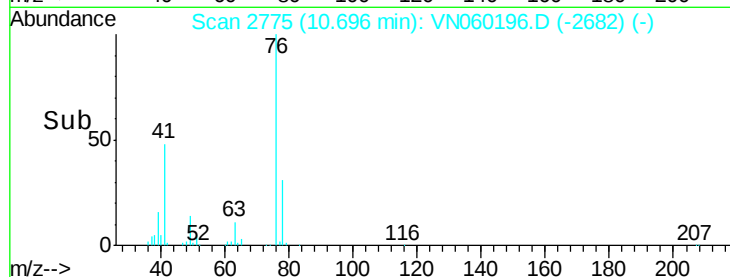
60000

40000

20000

0

Time--> 10.60 10.65 10.70 10.75



#58

2-Chloroethyl Vinyl ether

Concen: 206.197 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. -0.00 min

Lab File: VN060196.D

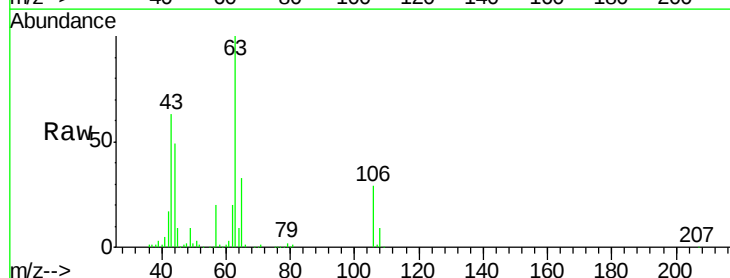
Acq: 24 Feb 2020 9:20

Tgt Ion: 63 Resp: 272795

Ion Ratio Lower Upper

63 100

106 28.4 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VN060069.D (-2444) (-)

Ion 105.90 (105.60 to 106.60): VN060069.D (-2444) (-)

9.68

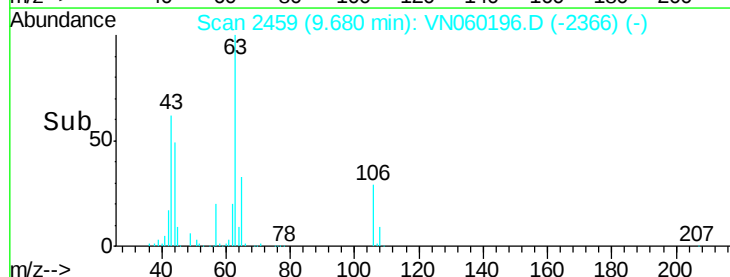
150000

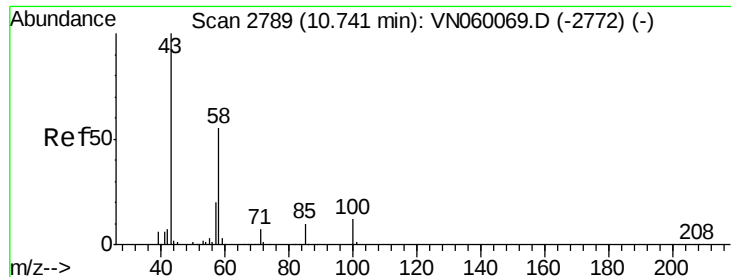
100000

50000

0

Time--> 9.60 9.65 9.70 9.75 9.80





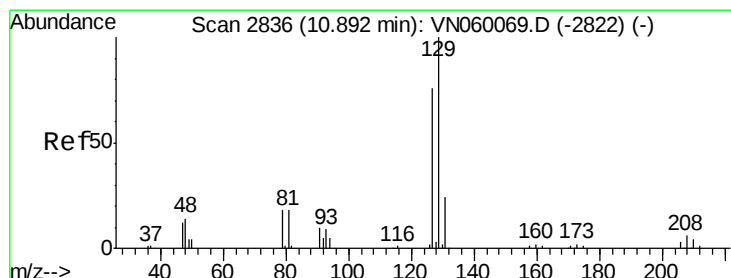
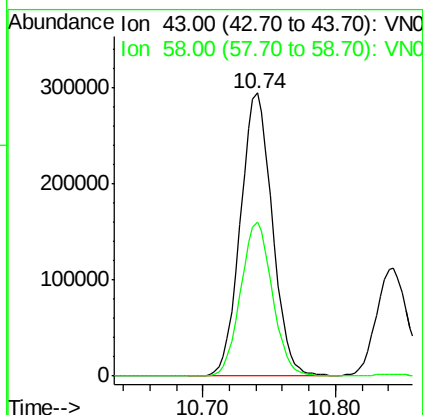
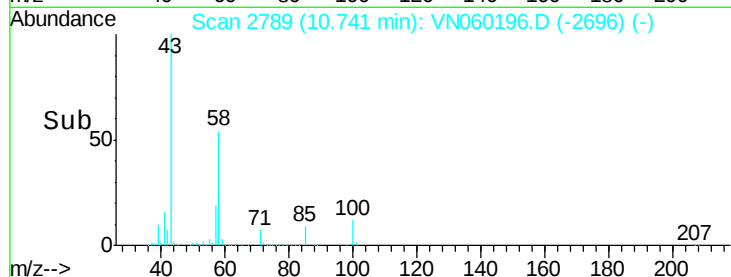
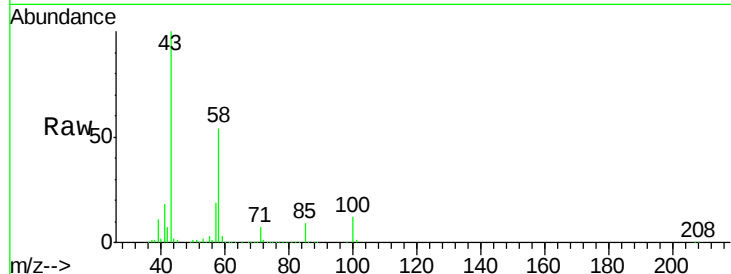
#59
2-Hexanone
Concen: 263.432 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060196.D
Acq: 24 Feb 2020 9:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 492244
Ion Ratio Lower Upper
43 100
58 54.2 27.5 82.4

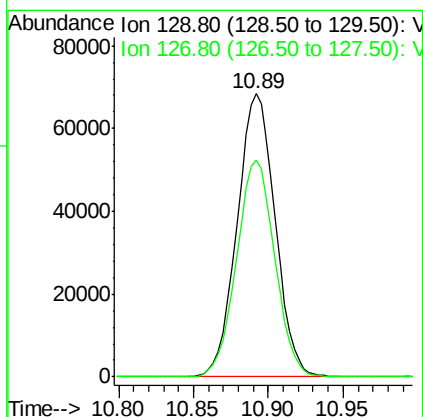
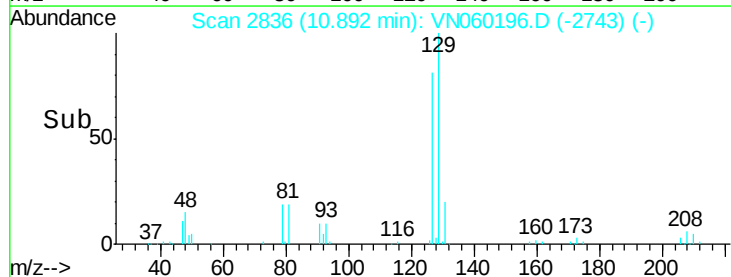
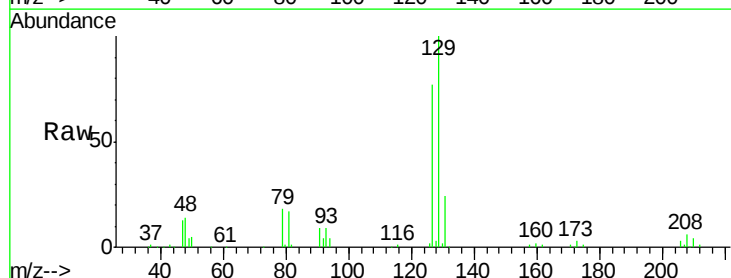
Manual Integrations
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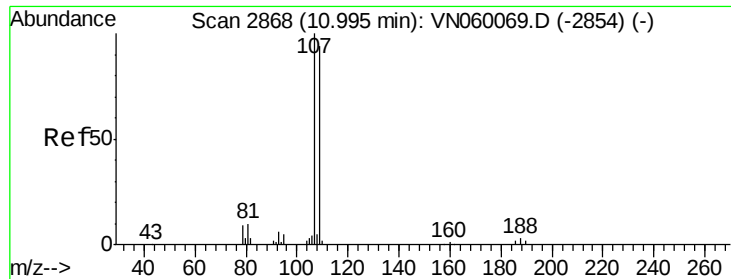
MMDadoda
2/25/2020 9:43:11 AM



#60
Dibromochloromethane
Concen: 52.456 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060196.D
Acq: 24 Feb 2020 9:20

Tgt Ion: 129 Resp: 120840
Ion Ratio Lower Upper
129 100
127 77.0 38.0 114.1





#61

1,2-Dibromoethane

Concen: 51.259 ug/l

RT: 10.99 min Scan# 2868

Delta R.T. -0.00 min

Lab File: VN060196.D

Acq: 24 Feb 2020 9:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 107870

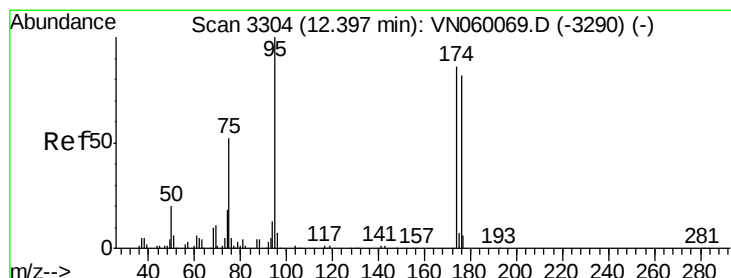
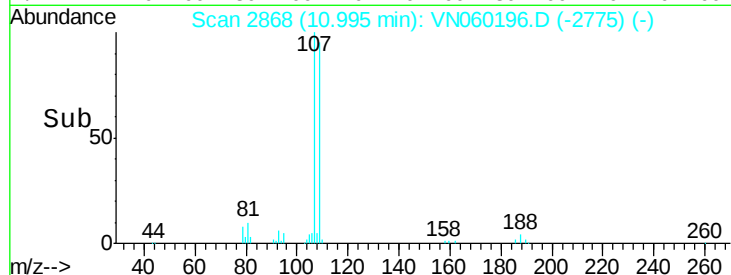
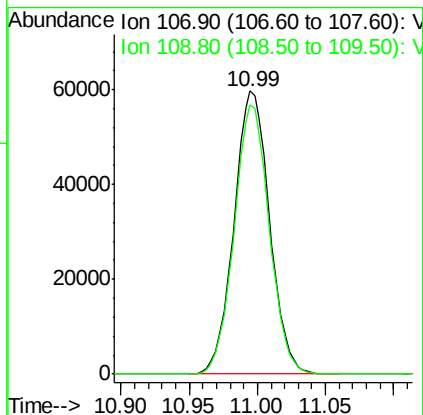
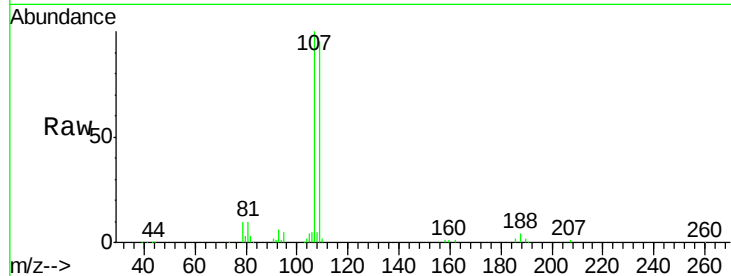
Ion Ratio Lower Upper

107 100

109 94.0 75.4 113.0

Manual Integrations
APPROVED

MMDadoda
2/25/2020 9:43:11 AM



#62

4-Bromofluorobenzene

Concen: 49.017 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060196.D

Acq: 24 Feb 2020 9:20

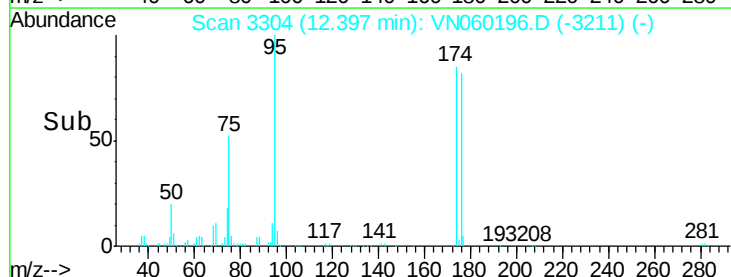
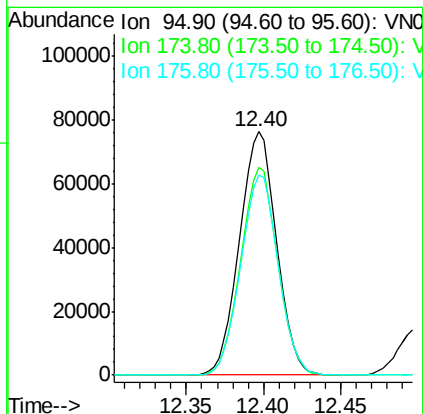
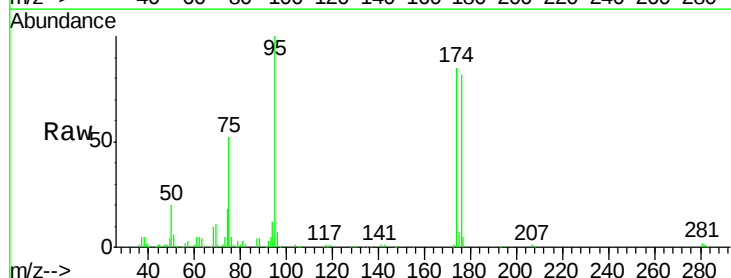
Tgt Ion: 95 Resp: 127332

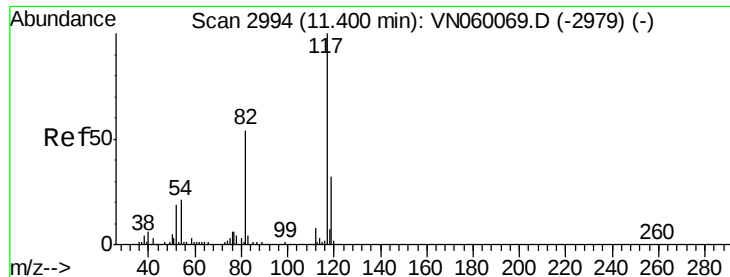
Ion Ratio Lower Upper

95 100

174 85.3 0.0 169.8

176 83.1 0.0 164.8





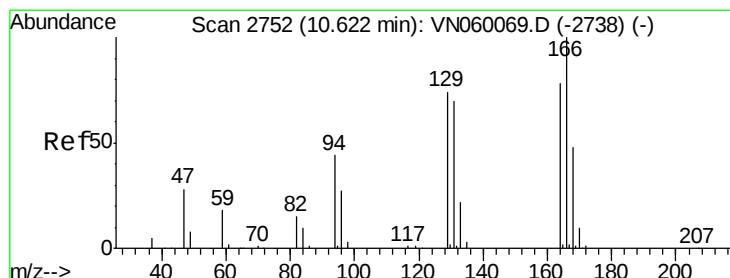
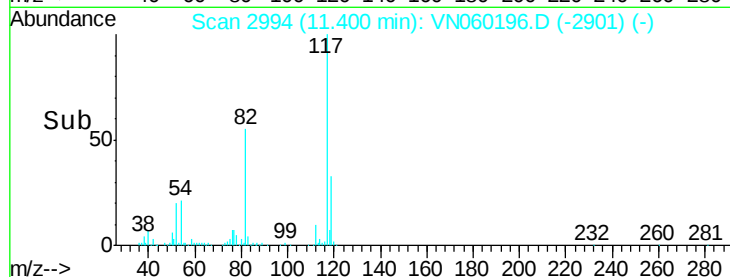
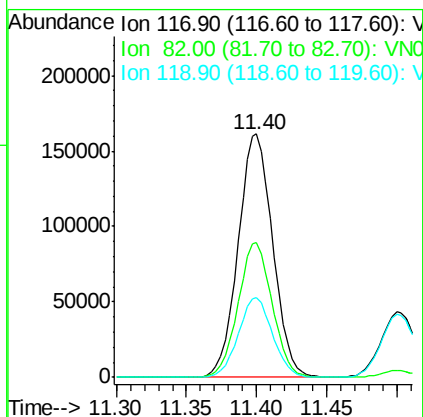
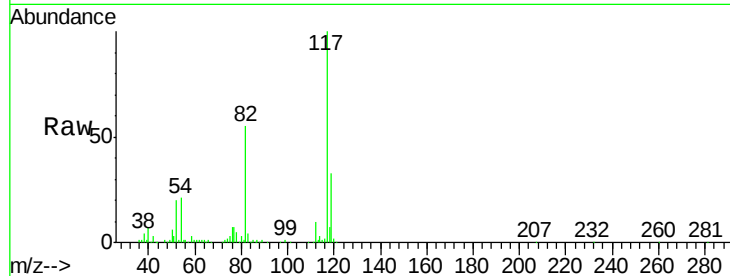
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060196.D
Acq: 24 Feb 2020 9:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	43.4	65.0
119	33.0	25.8	38.6

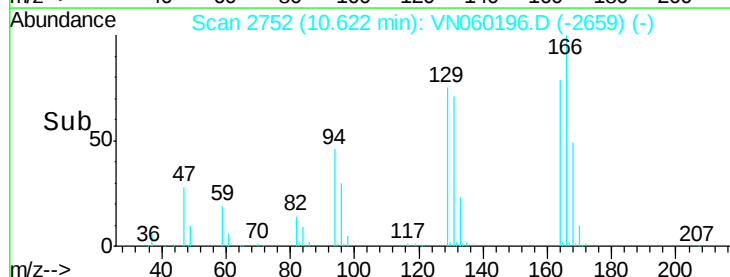
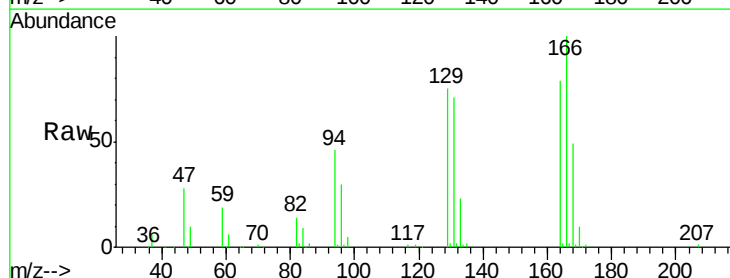
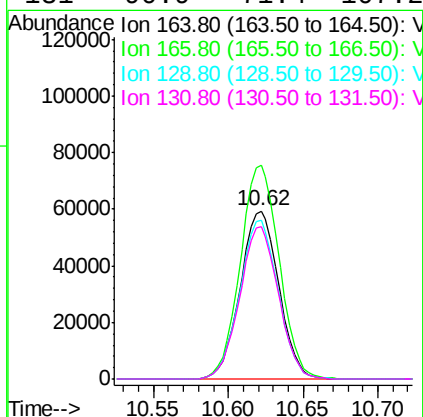
Manual Integrations
APPROVED

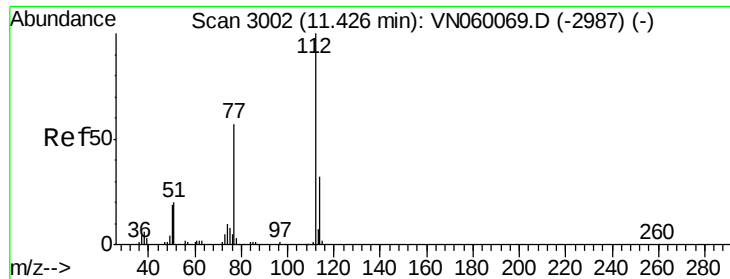
MMDadoda
2/25/2020 9:43:11 AM



#64
Tetrachloroethene
Concen: 50.599 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN060196.D
Acq: 24 Feb 2020 9:20

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.2	101.9	152.9
129	94.9	75.4	113.0
131	90.9	71.4	107.2





#65

Chlorobenzene

Concen: 50.513 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. -0.00 min

Lab File: VN060196.D

Acq: 24 Feb 2020 9:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 285070

Ion Ratio Lower Upper

112 100

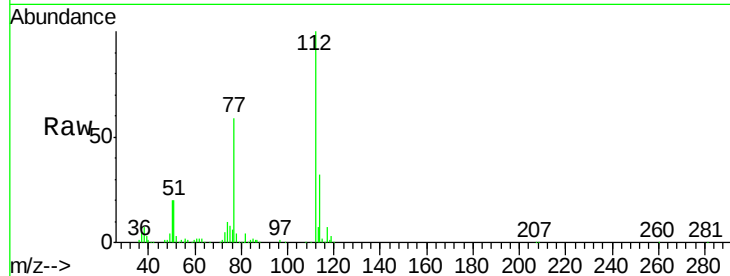
114 31.7 25.4 38.0

Manual Integrations

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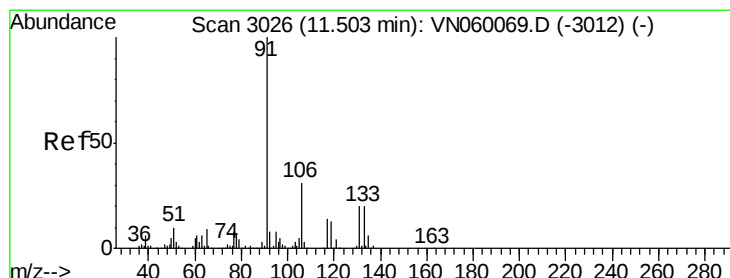
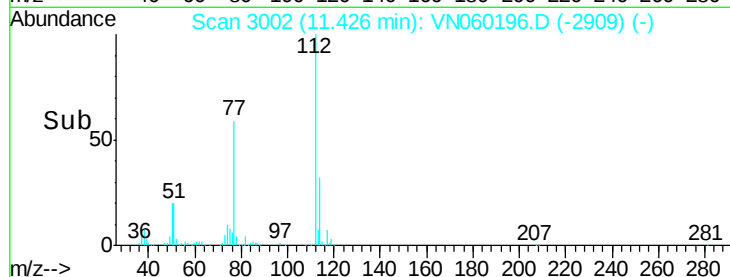
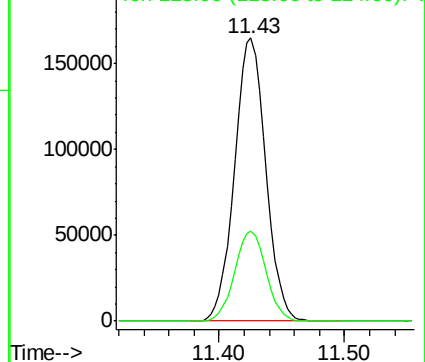
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.126 ug/l

RT: 11.50 min Scan# 3025

Delta R.T. -0.00 min

Lab File: VN060196.D

Acq: 24 Feb 2020 9:20

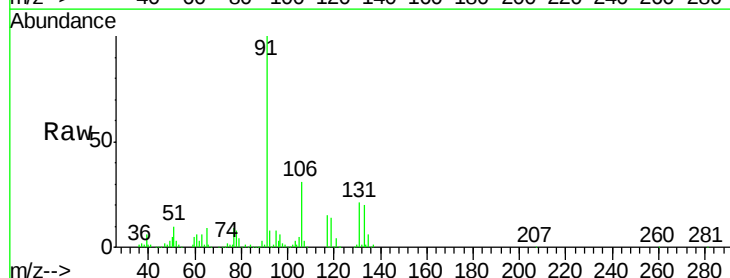
Tgt Ion:131 Resp: 111286

Ion Ratio Lower Upper

131 100

133 94.3 47.9 143.7

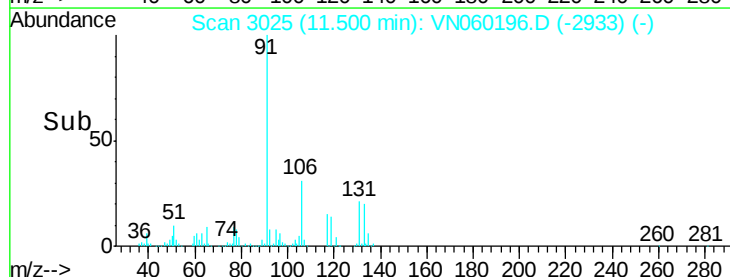
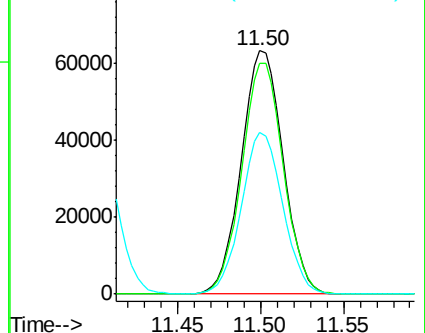
119 65.6 32.6 97.7

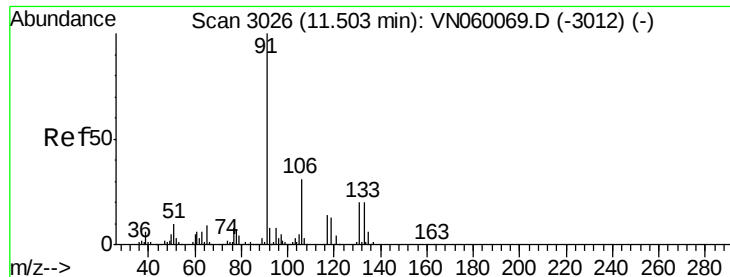


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





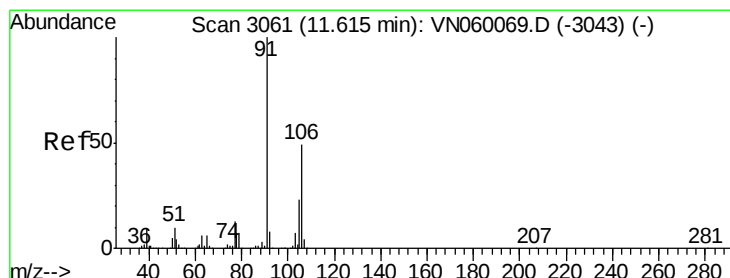
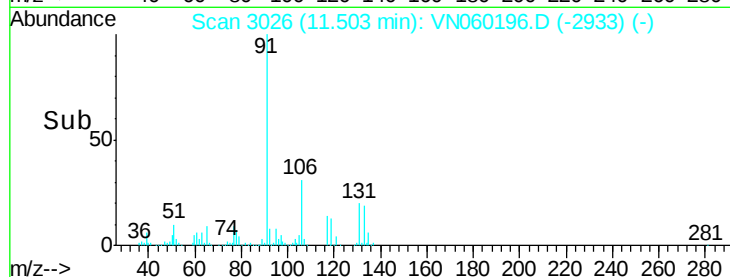
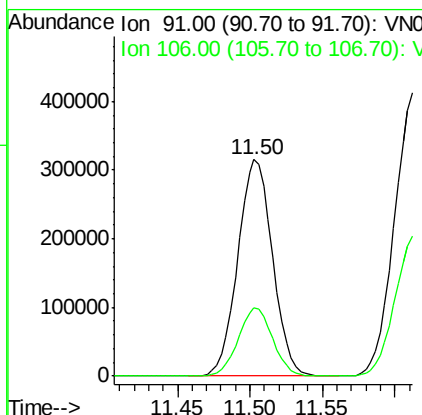
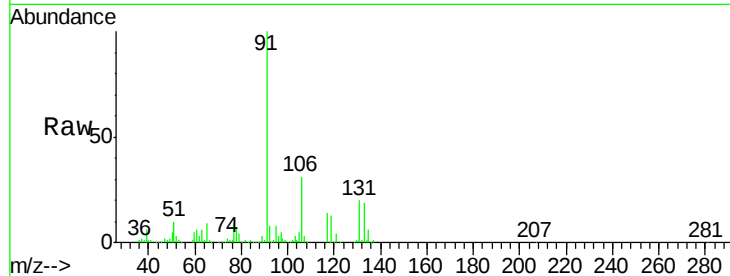
#67
Ethyl Benzene
Concen: 51.538 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN060196.D
Acq: 24 Feb 2020 9:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.3	25.1	37.7

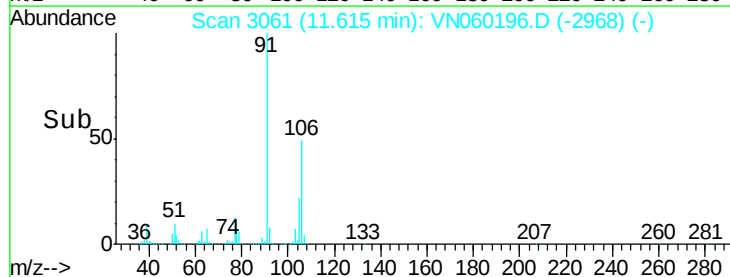
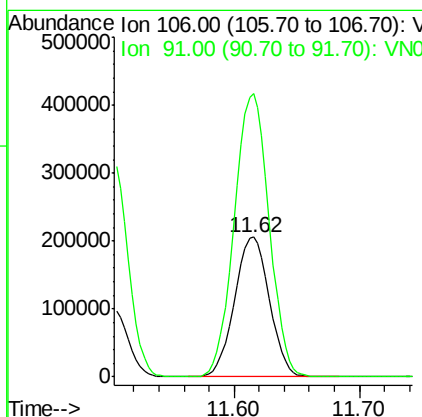
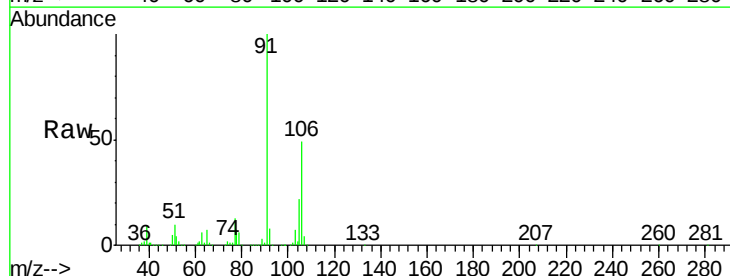
Manual Integrations
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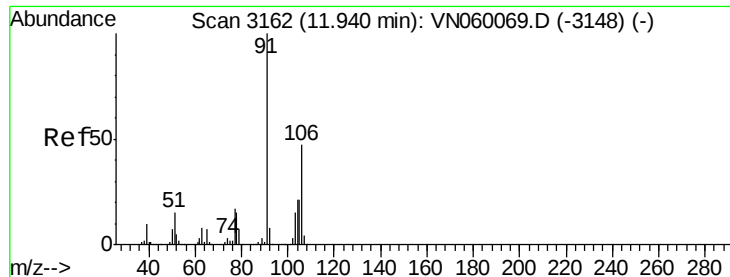
MMDadoda
2/25/2020 9:43:11 AM



#68
m/p-Xylenes
Concen: 103.881 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN060196.D
Acq: 24 Feb 2020 9:20

Tgt Ion	Ratio	Lower	Upper
106	100		
91	202.6	162.7	244.1





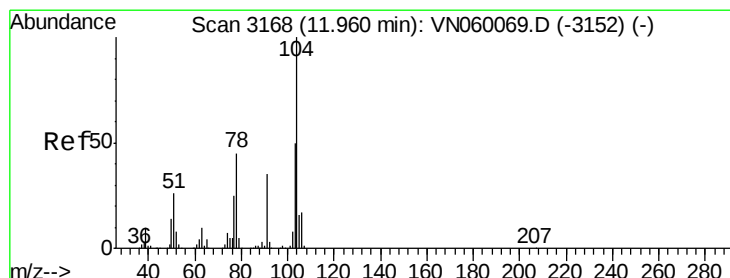
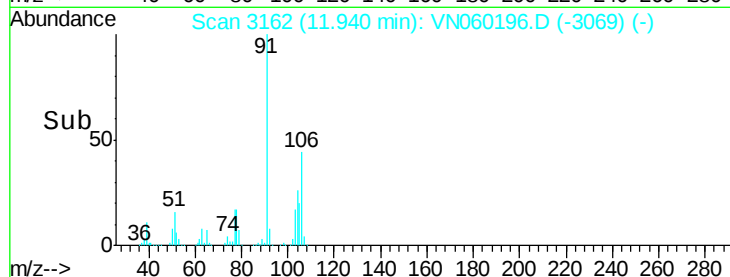
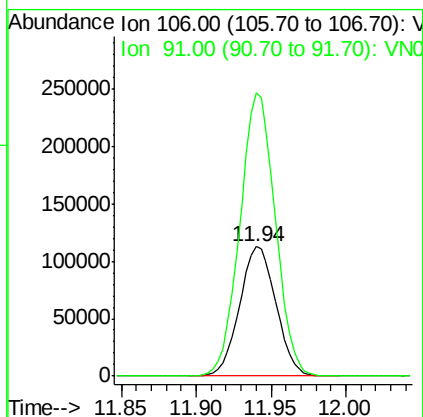
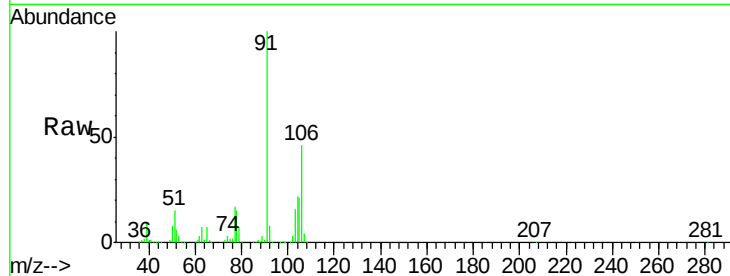
#69
o-Xylene
Concen: 51.787 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060196.D
Acq: 24 Feb 2020 9:20

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	213.0	107.2	321.6

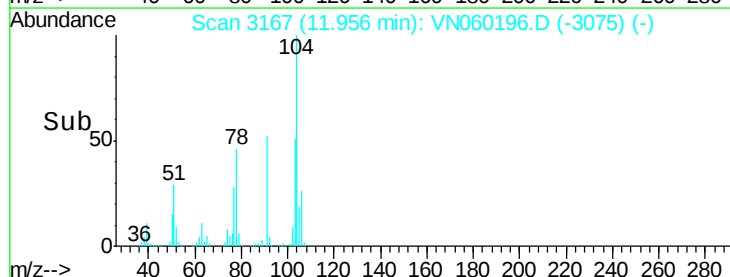
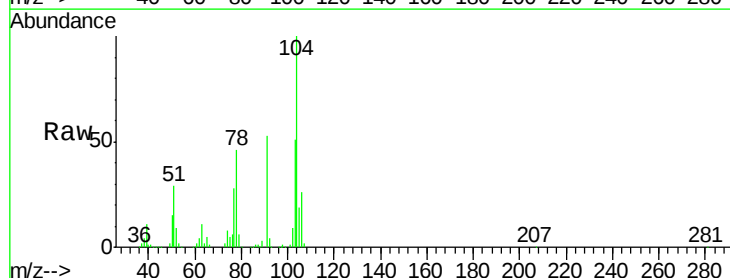
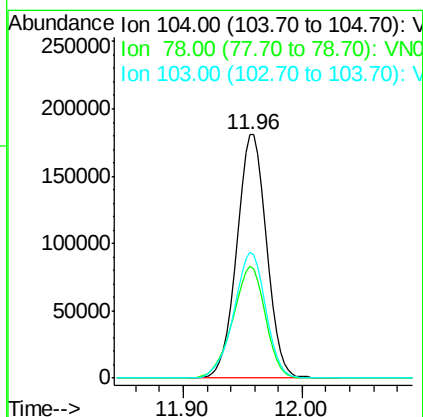
Manual Integrations
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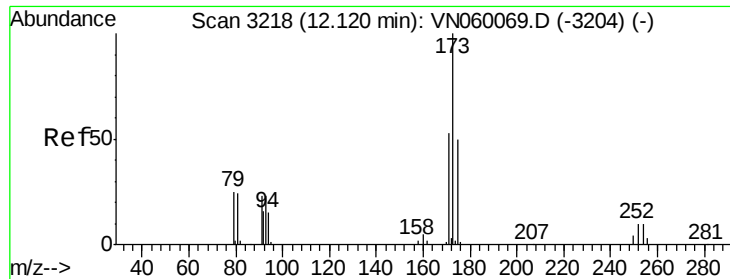
MMDadoda
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#70
Styrene
Concen: 53.011 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060196.D
Acq: 24 Feb 2020 9:20

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	50.0	40.2	60.2
103	103	55.0	44.3	66.5





#71

Bromoform

Concen: 52.563 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. -0.00 min

Lab File: VN060196.D

Acq: 24 Feb 2020 9:20

Instrument :

MSVOA_N

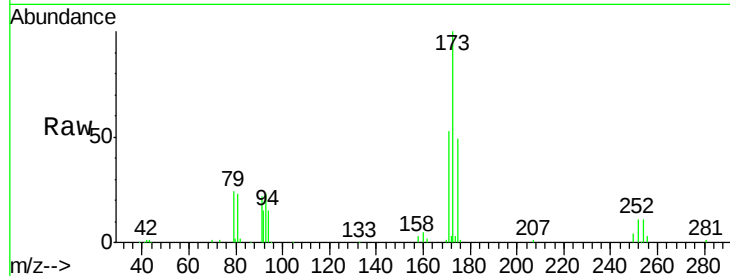
ClientSampleId :

VSTDCCC050

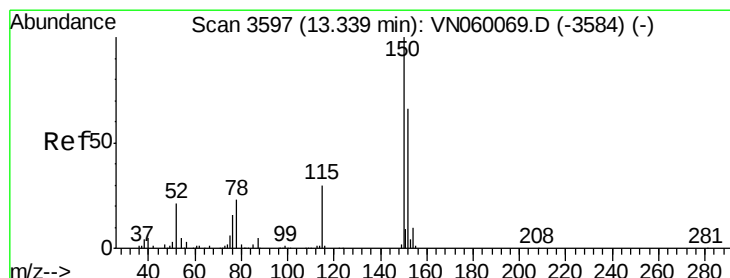
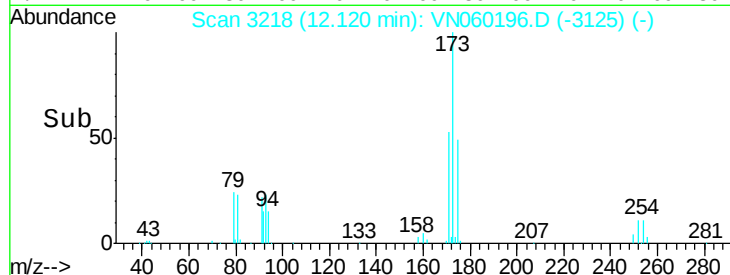
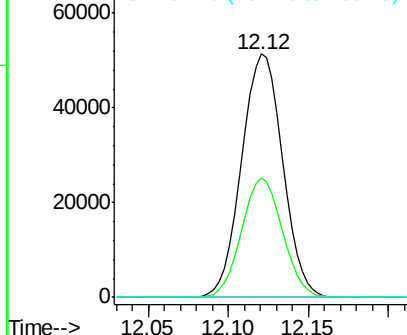
Tot Ion:	173	Resp:	90259
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.9	74.6
254	0.0	0.0	0.0

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

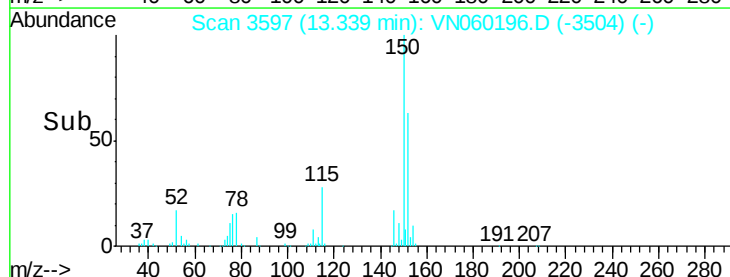
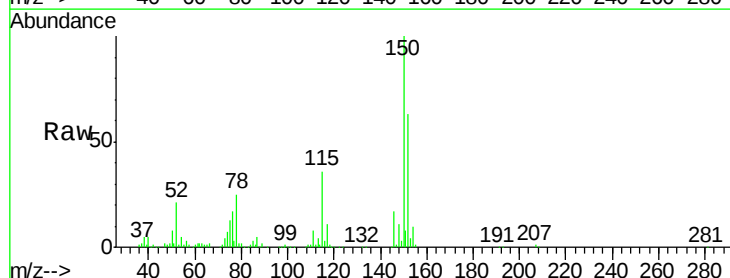
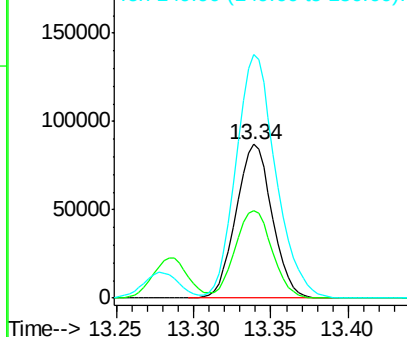
Delta R.T. -0.00 min

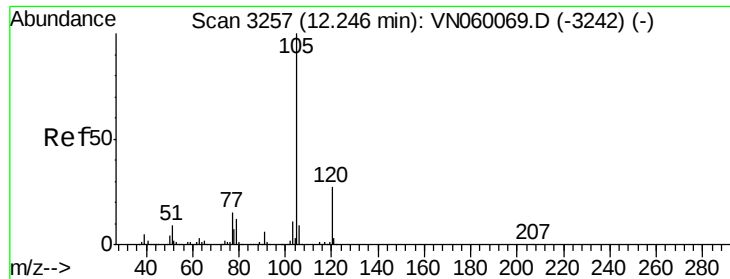
Lab File: VN060196.D

Acq: 24 Feb 2020 9:20

Tgt Ion:	152	Resp:	140972
Ion Ratio	Lower	Upper	
152	100		
115	58.4	28.9	86.8
150	174.7	0.0	342.4

Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.564 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN060196.D

Acq: 24 Feb 2020 9:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 521766

Ion Ratio Lower Upper

105 100

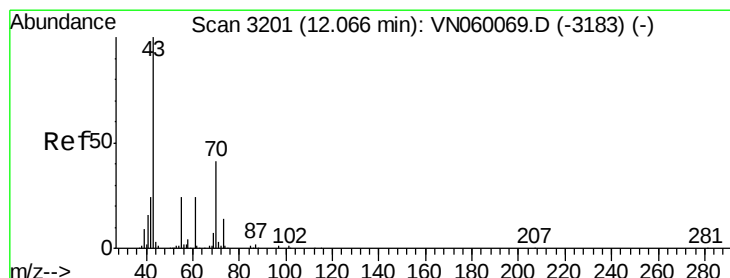
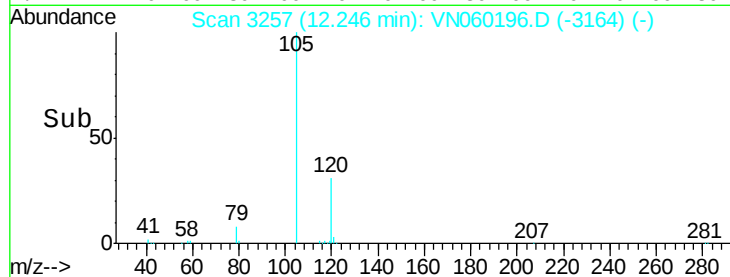
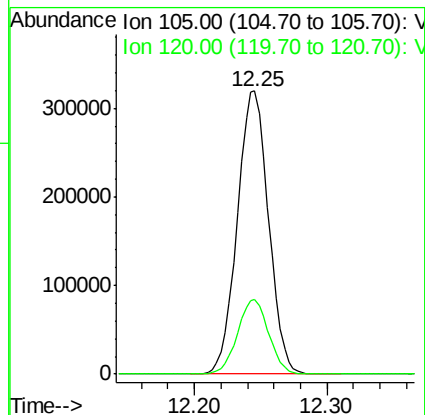
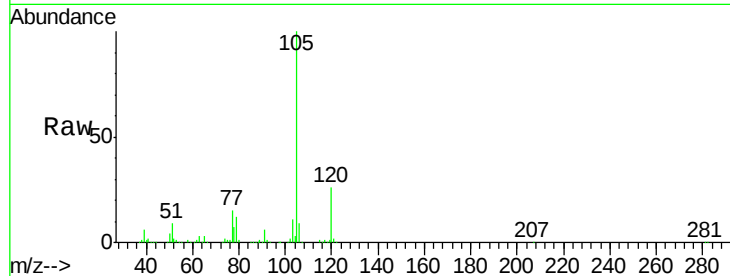
120 26.4 13.3 39.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 50.085 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060196.D

Acq: 24 Feb 2020 9:20

Tgt Ion: 43 Resp: 190125

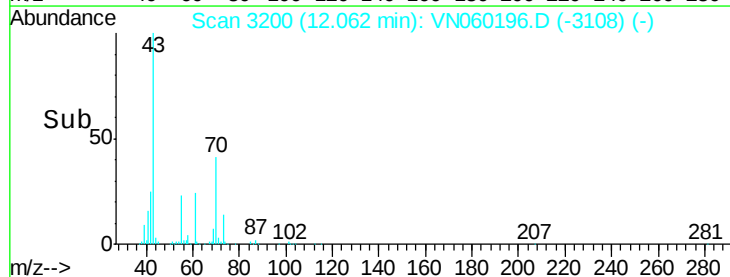
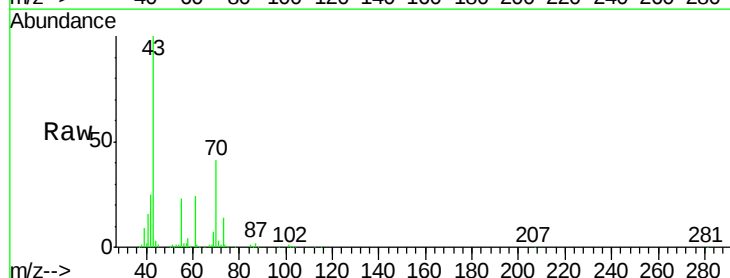
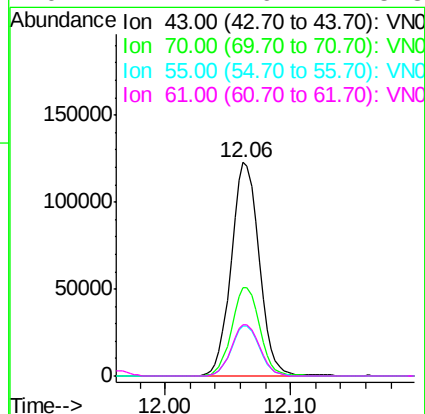
Ion Ratio Lower Upper

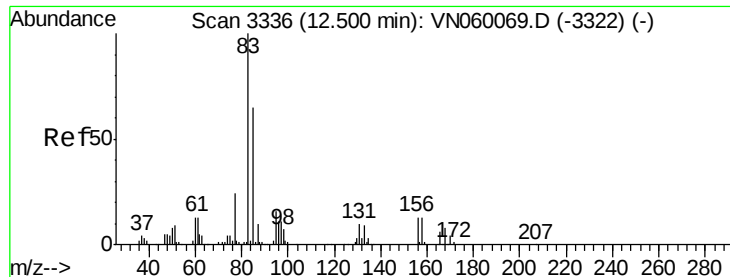
43 100

70 41.7 33.4 50.0

55 23.8 18.8 28.2

61 24.4 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.274 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060196.D

Acq: 24 Feb 2020 9:20

Instrument :

MSVOA_N

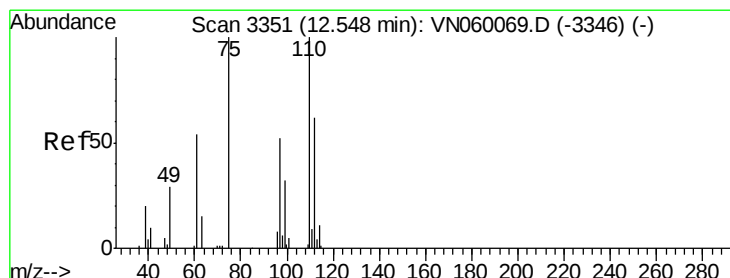
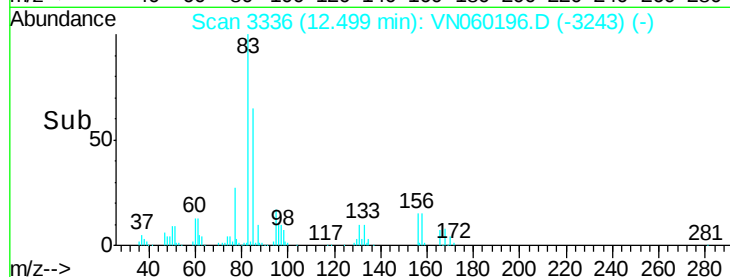
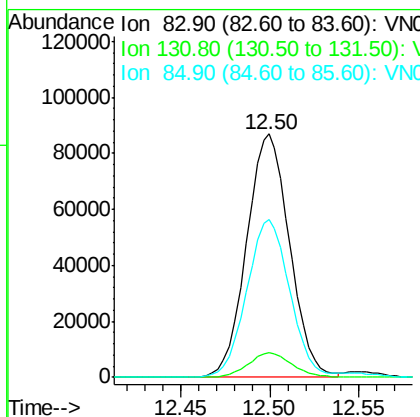
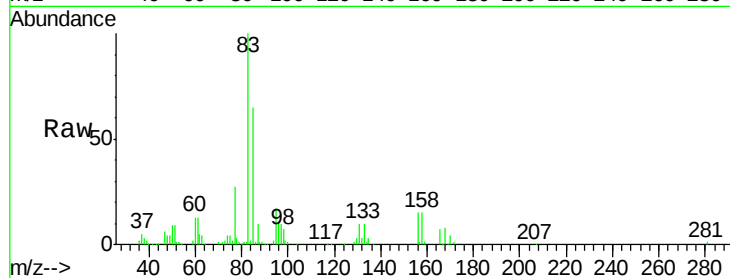
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	146273
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.2	15.6
85	65.1	32.3	96.9

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#76

1,2,3-Trichloropropane

Concen: 49.564 ug/l m

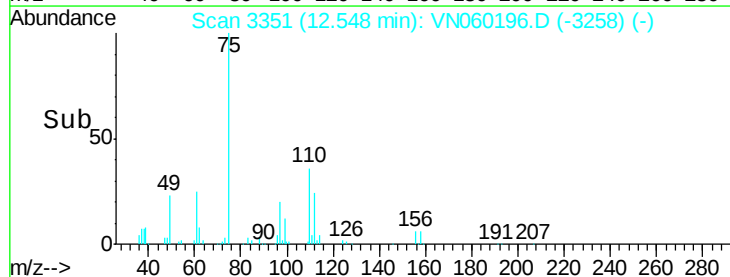
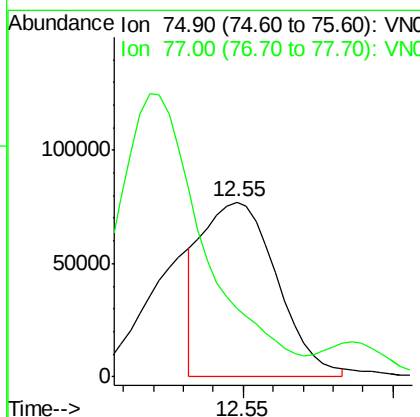
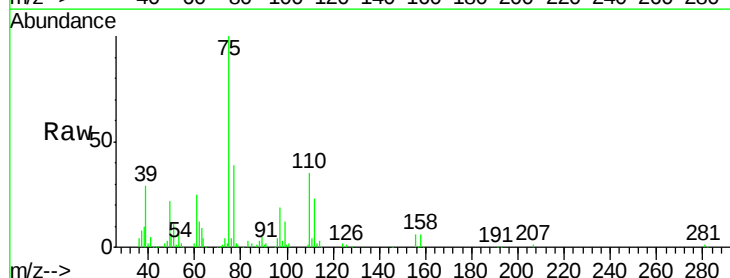
RT: 12.55 min Scan# 3351

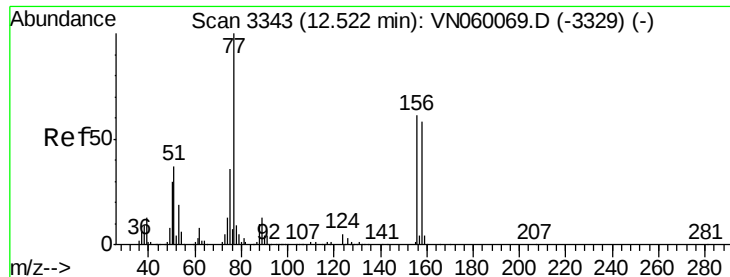
Delta R.T. -0.00 min

Lab File: VN060196.D

Acq: 24 Feb 2020 9:20

Tgt Ion:	75	Resp:	133678
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.817 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN060196.D

Acq: 24 Feb 2020 9:20

Instrument :

MSVOA_N

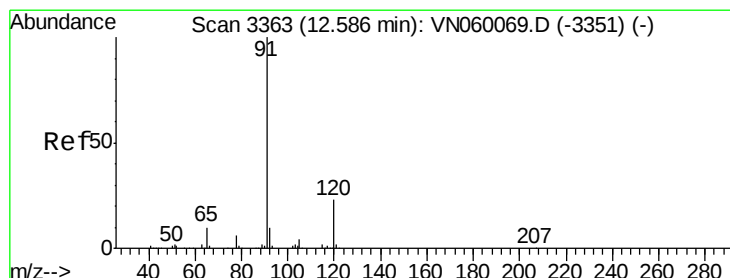
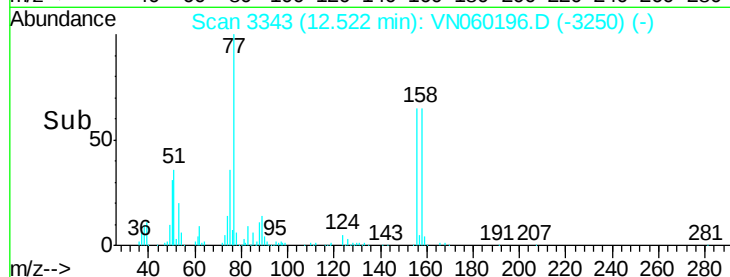
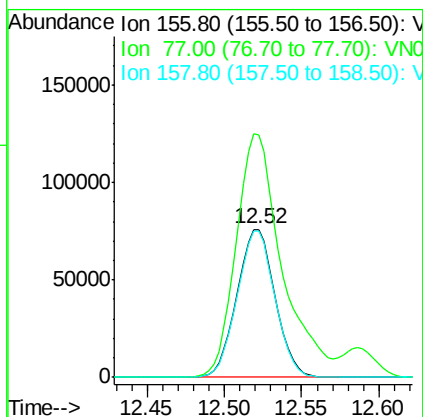
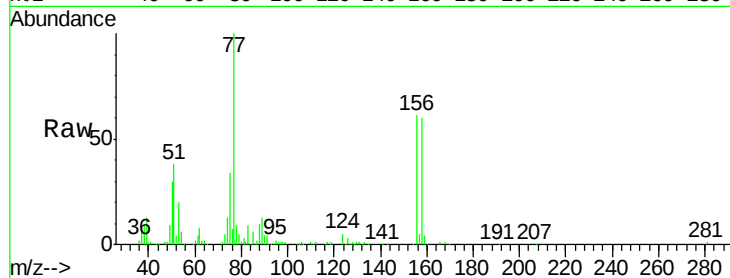
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	130146
Ion Ratio	Lower	Upper	
156	100		
77	197.2	98.7	296.1
158	98.1	48.1	144.4

Manual Integrations
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#78

n-propylbenzene

Concen: 49.981 ug/l

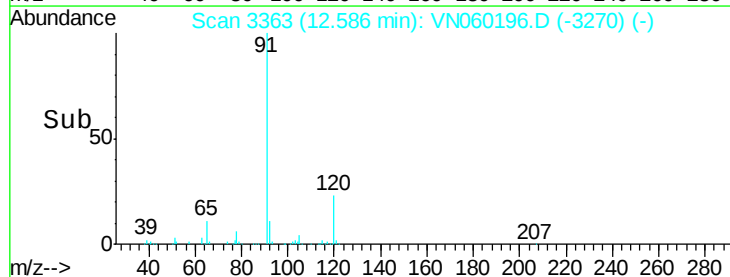
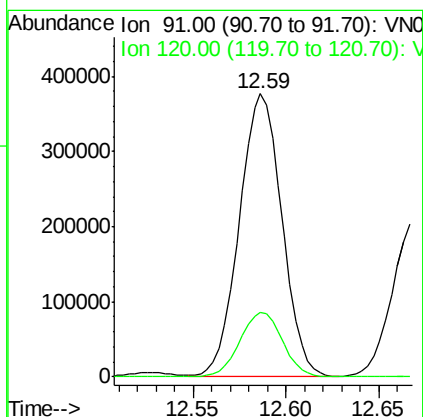
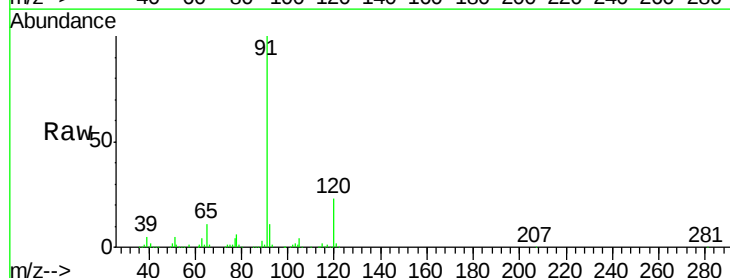
RT: 12.59 min Scan# 3363

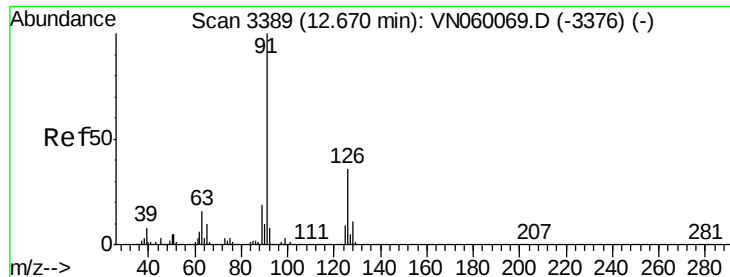
Delta R.T. -0.00 min

Lab File: VN060196.D

Acq: 24 Feb 2020 9:20

Tgt Ion:	91	Resp:	599458
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.5	34.5





#79

2-Chlorotoluene

Concen: 49.457 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060196.D

Acq: 24 Feb 2020 9:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 348653

Ion Ratio Lower Upper

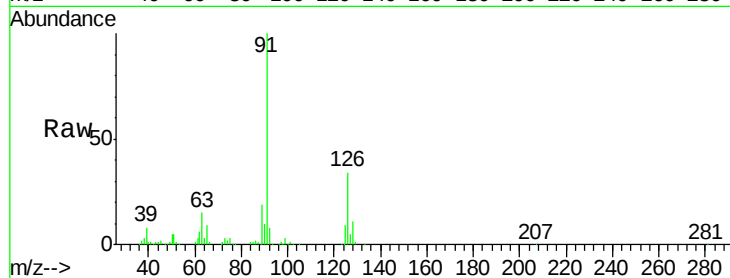
91 100

126 34.8 17.4 52.2

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

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

400000

300000

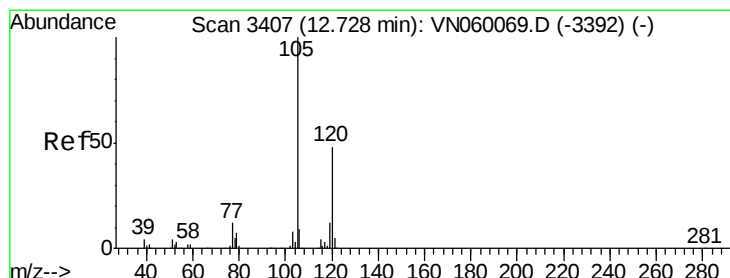
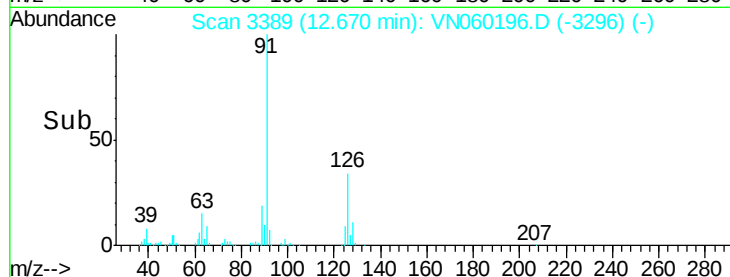
200000

100000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.680 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060196.D

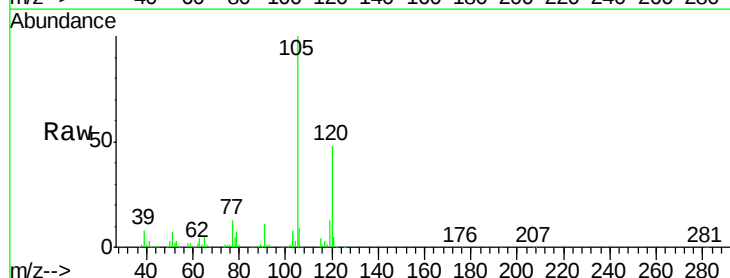
Acq: 24 Feb 2020 9:20

Tgt Ion: 105 Resp: 443586

Ion Ratio Lower Upper

105 100

120 48.3 24.3 72.9



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

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

300000

250000

200000

150000

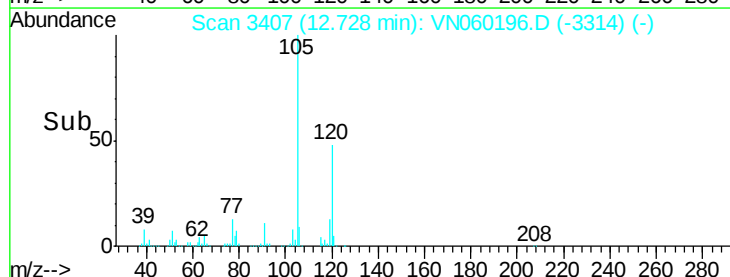
100000

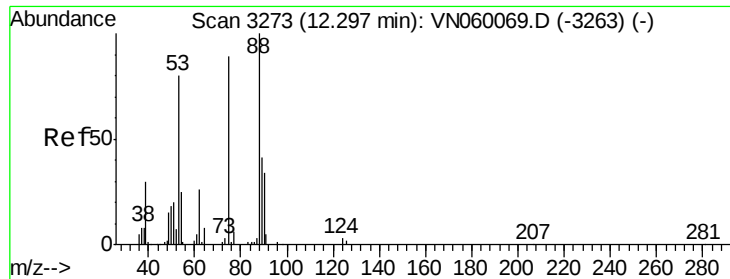
50000

0

12.70 12.80

Time-->





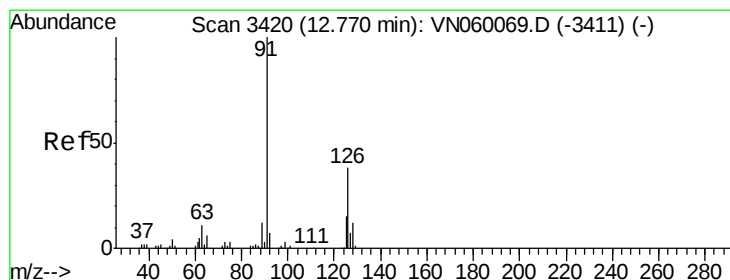
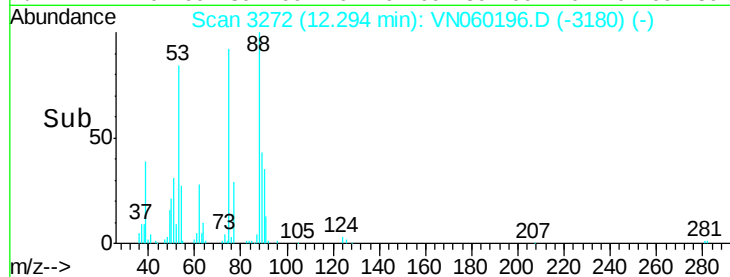
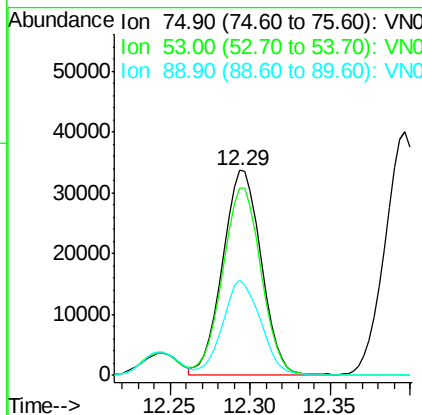
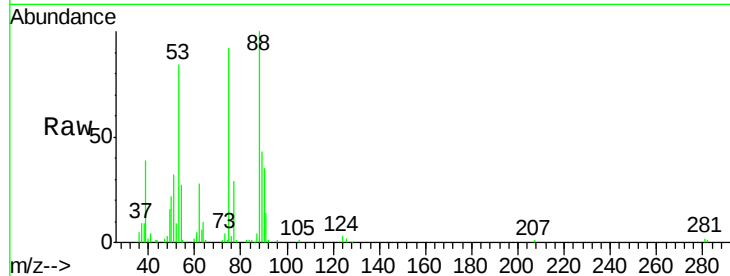
#81
trans-1,4-Dichloro-2-butene
Concen: 50.705 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. -0.00 min
Lab File: VN060196.D
Acq: 24 Feb 2020 9:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.5	73.9	110.9
89	45.3	37.0	55.4

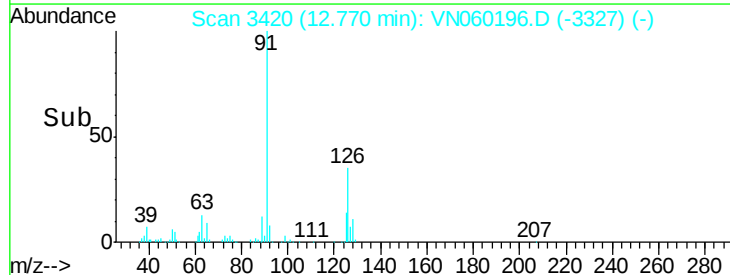
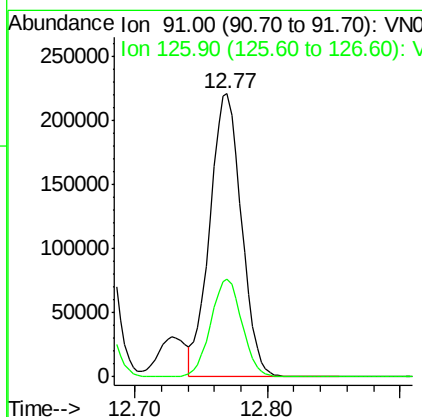
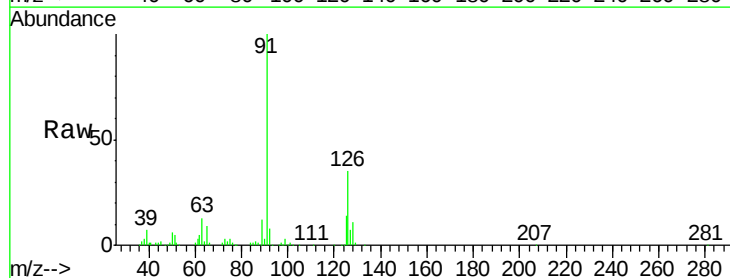
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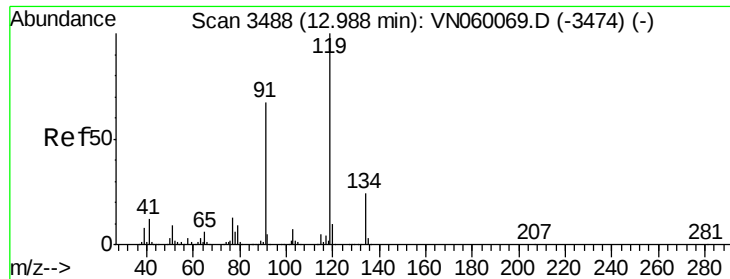
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#82
4-Chlorotoluene
Concen: 50.417 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. -0.00 min
Lab File: VN060196.D
Acq: 24 Feb 2020 9:20

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.1	51.3





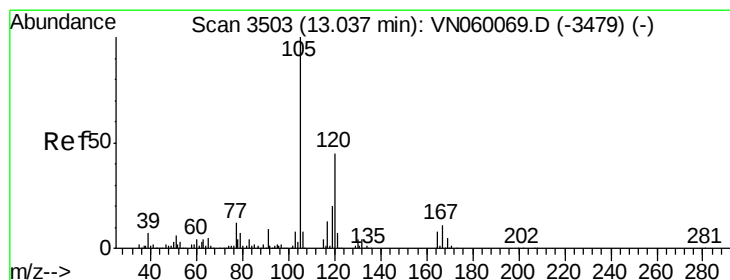
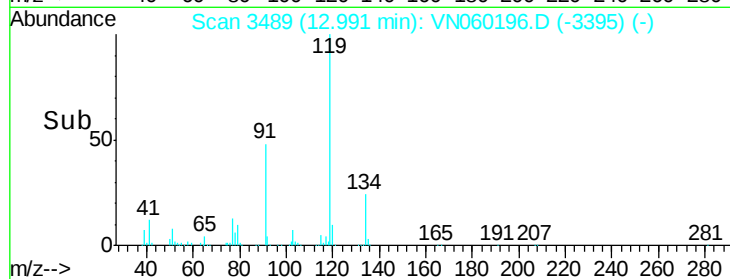
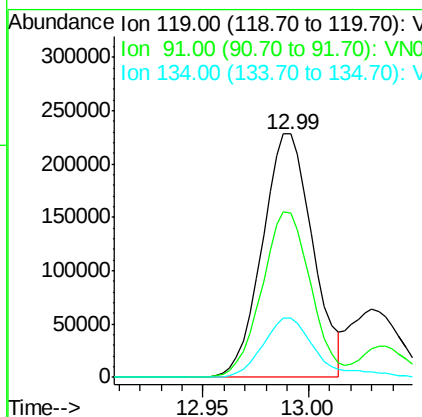
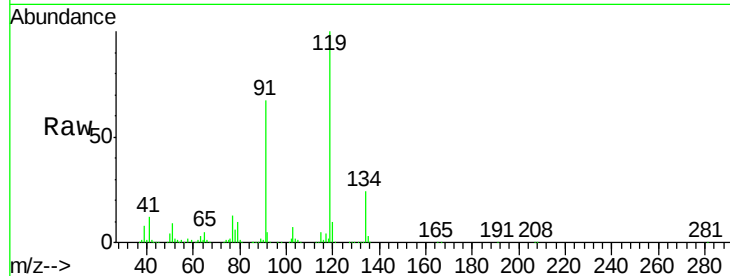
#83
 tert-Butylbenzene
 Concen: 48.946 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN060196.D
 Acq: 24 Feb 2020 9:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.9	32.7	98.1
134	25.8	12.9	38.7

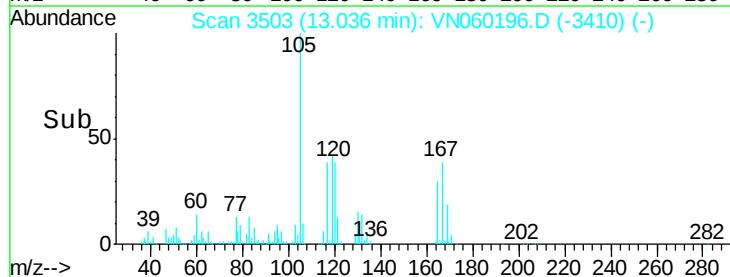
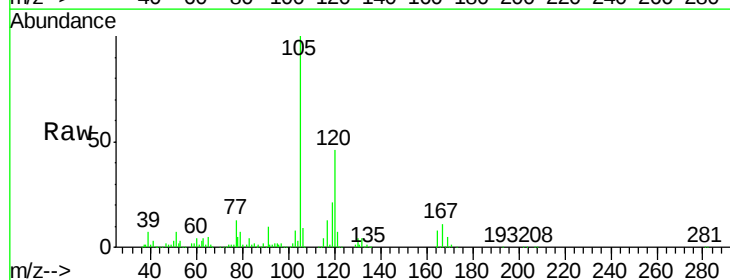
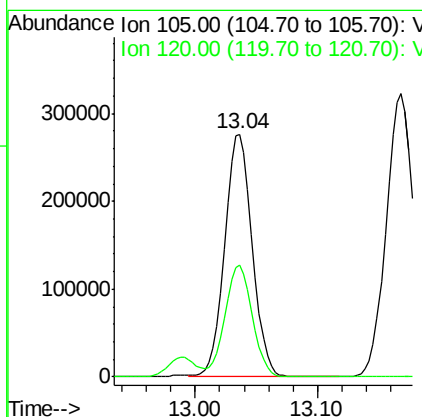
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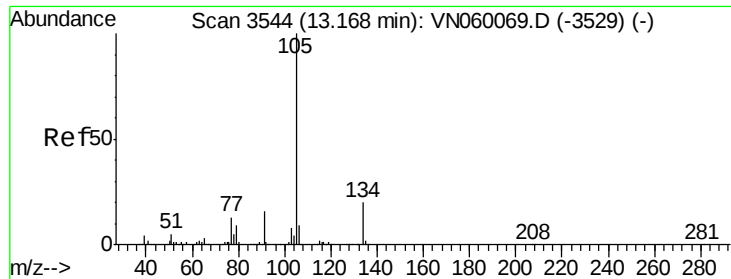
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.698 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN060196.D
 Acq: 24 Feb 2020 9:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.4	67.3





#85

sec-Butylbenzene

Concen: 50.281 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060196.D

Acq: 24 Feb 2020 9:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 515593

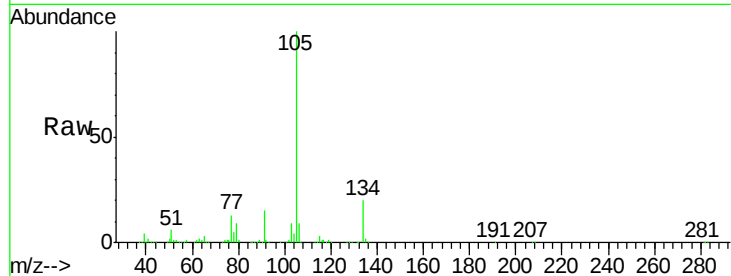
Ion Ratio Lower Upper

105 100

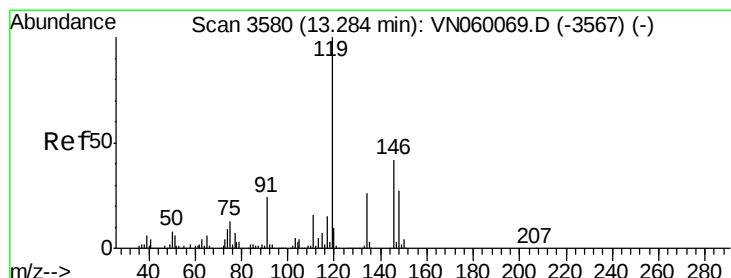
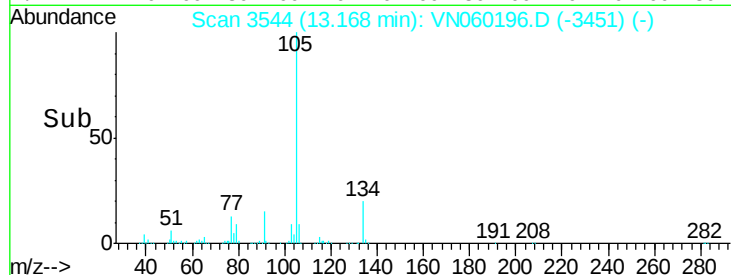
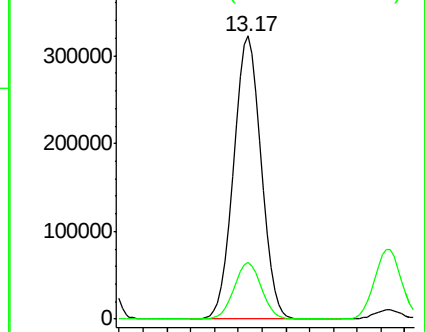
134 19.9 9.9 29.7

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.361 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN060196.D

Acq: 24 Feb 2020 9:20

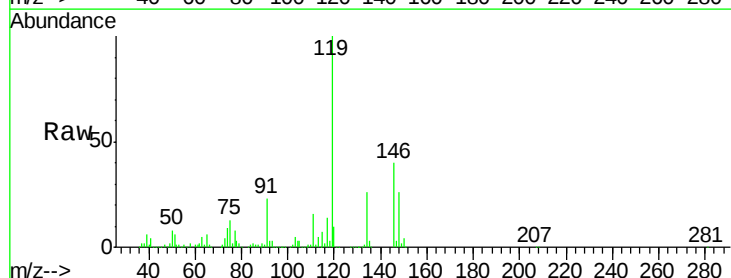
Tgt Ion:119 Resp: 477179

Ion Ratio Lower Upper

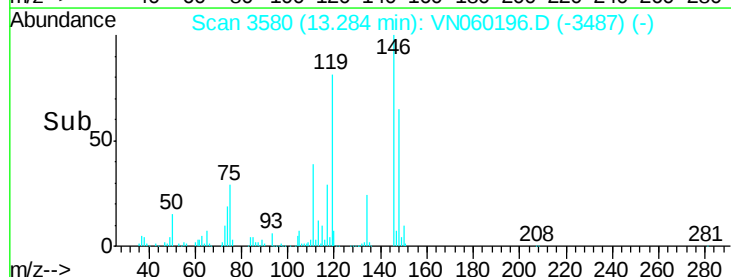
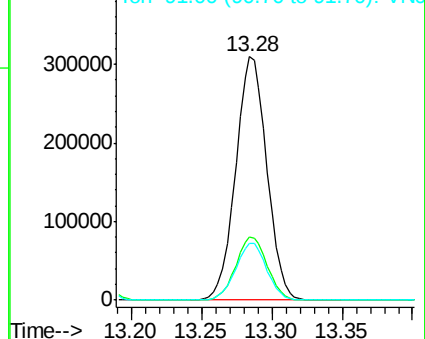
119 100

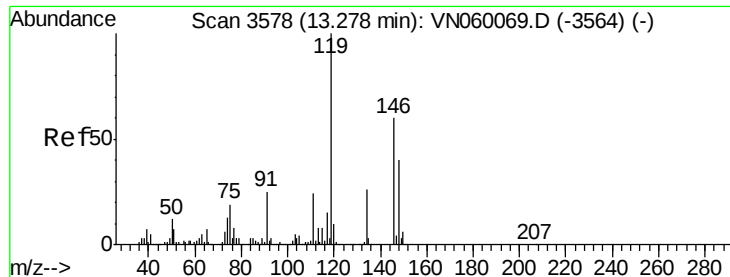
134 26.3 13.3 39.8

91 23.3 11.9 35.9



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V





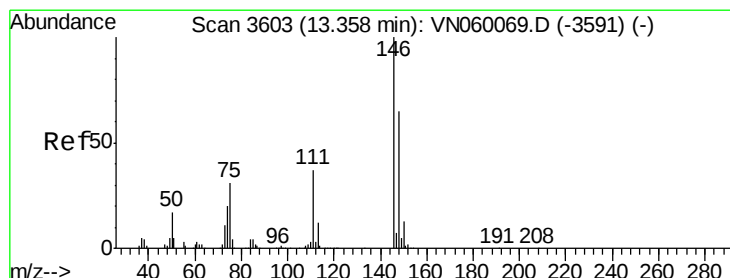
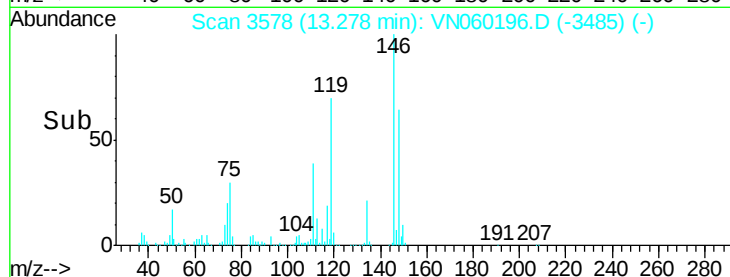
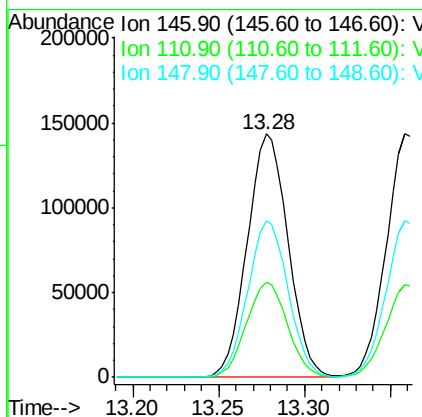
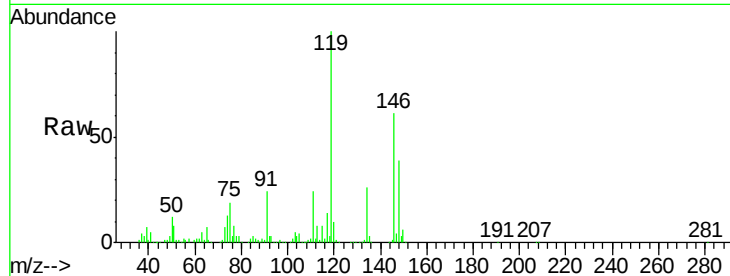
#87
 1,3-Dichlorobenzene
 Concen: 51.162 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN060196.D
 Acq: 24 Feb 2020 9:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	146	Resp:	236597
Ion Ratio	Lower	Upper	
146	100		
111	39.2	19.8	59.3
148	63.7	32.0	96.2

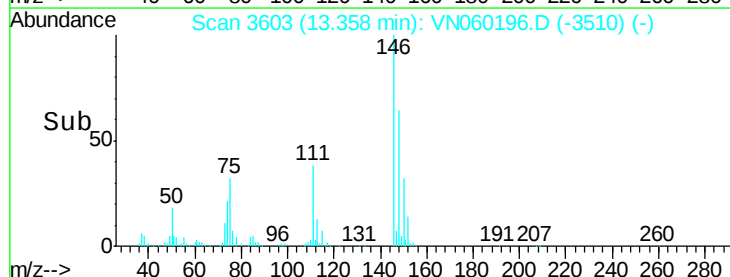
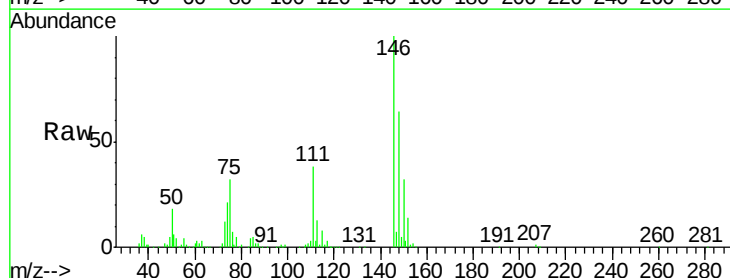
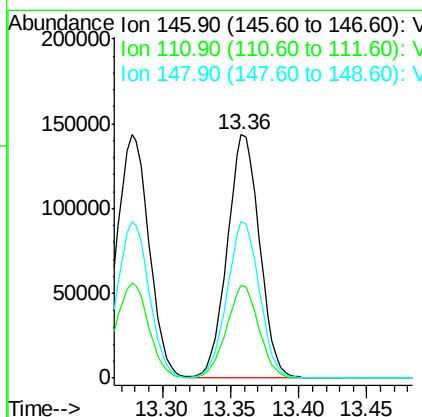
Manual Integrations
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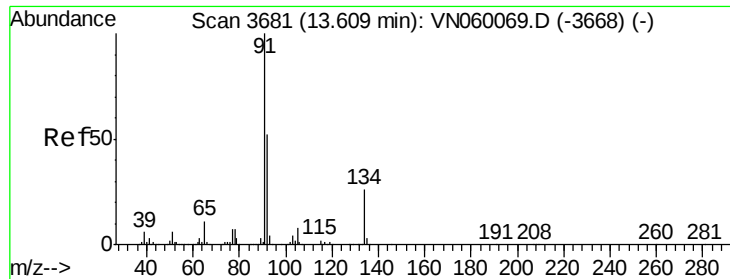
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#88
 1,4-Dichlorobenzene
 Concen: 51.141 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN060196.D
 Acq: 24 Feb 2020 9:20

Tgt Ion:	146	Resp:	236449
Ion Ratio	Lower	Upper	
146	100		
111	38.2	18.9	56.5
148	64.4	32.0	96.0





#89

n-Butylbenzene

Concen: 51.804 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN060196.D

Acq: 24 Feb 2020 9:20

Instrument :

MSVOA_N

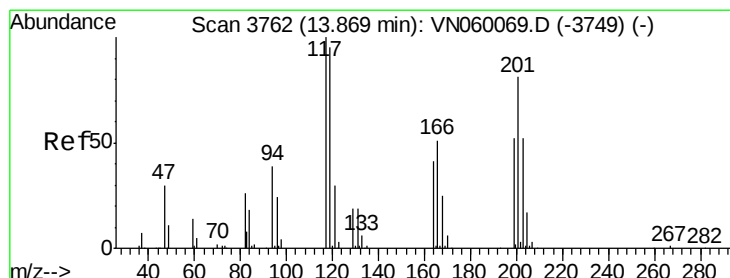
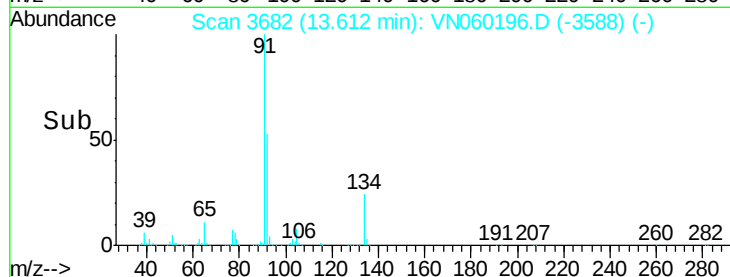
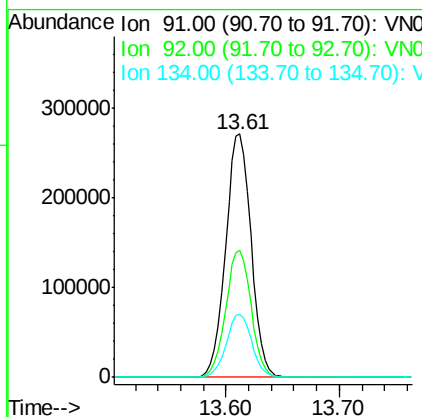
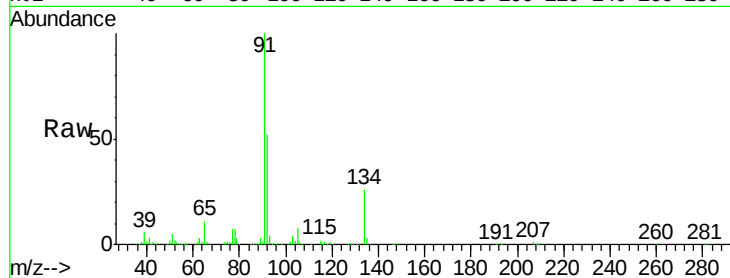
ClientSampleId :

VSTDCCC050

Tot Ion:	91	Resp:	423333
Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.1	78.2
134	25.8	13.1	39.3

Manual Integrations
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#90

Hexachloroethane

Concen: 50.343 ug/l

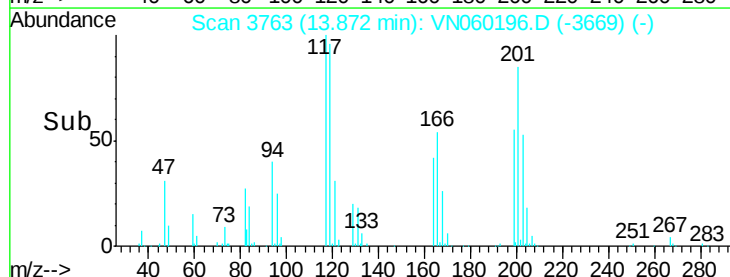
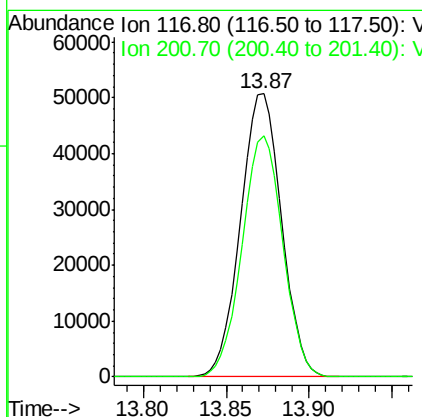
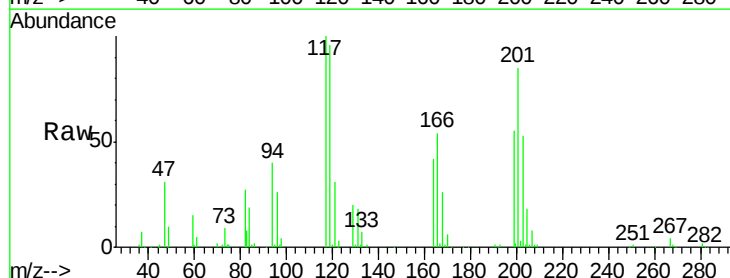
RT: 13.87 min Scan# 3763

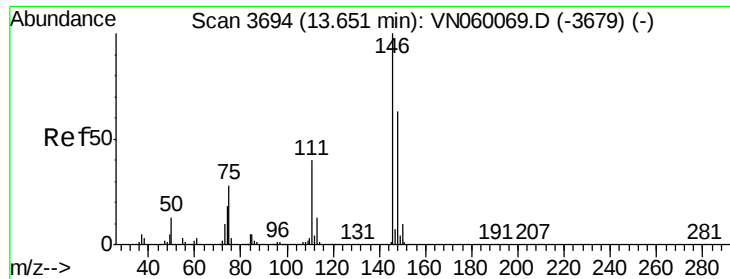
Delta R.T. 0.00 min

Lab File: VN060196.D

Acq: 24 Feb 2020 9:20

Tgt Ion:	117	Resp:	87379
Ion	Ratio	Lower	Upper
117	100		
201	84.5	41.7	125.1





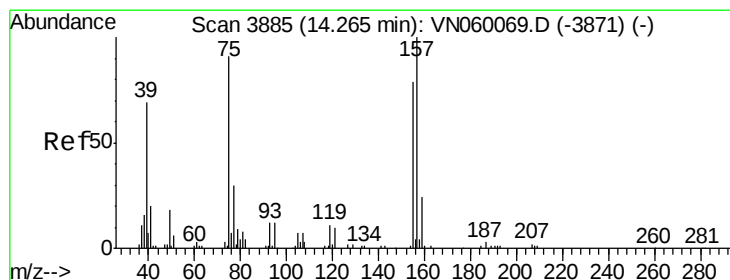
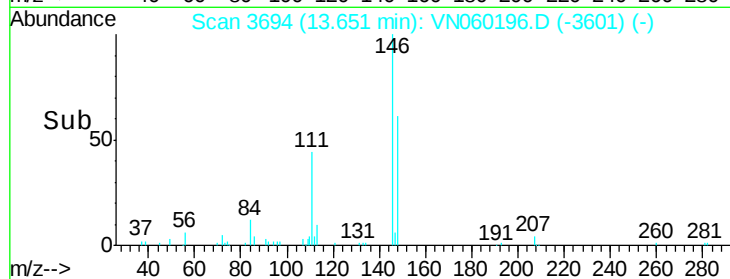
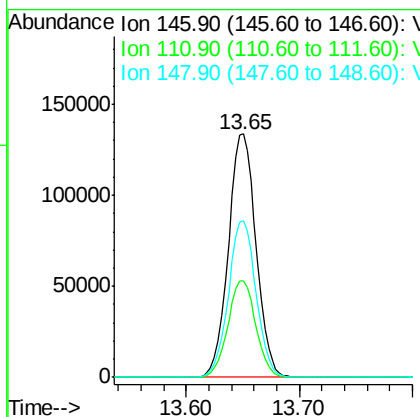
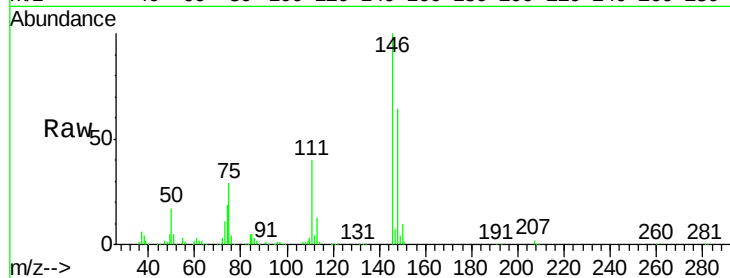
#91
 1,2-Dichlorobenzene
 Concen: 50.160 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN060196.D
 Acq: 24 Feb 2020 9:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	227006		
111	40.1		20.1	60.2
148	64.2		31.9	95.5

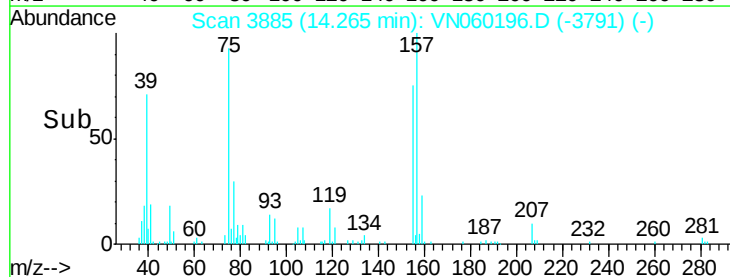
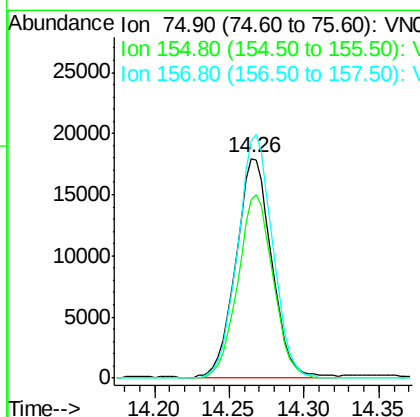
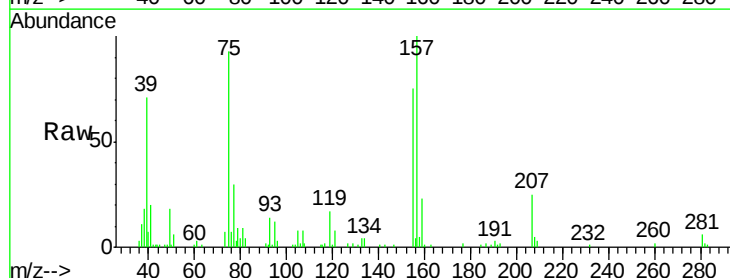
Manual Integrations
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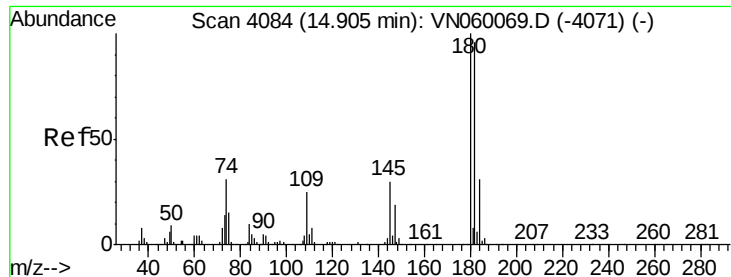
MMDadoda
 2/25/2020 9:43:11 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.663 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060196.D
 Acq: 24 Feb 2020 9:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	30097		
155	81.2		43.0	129.0
157	107.6		54.9	164.5





#93

1,2,4-Trichlorobenzene

Concen: 52.304 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN060196.D

Acq: 24 Feb 2020 9:20

Instrument :

MSVOA_N

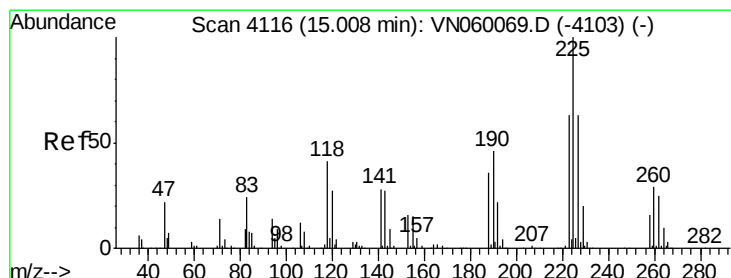
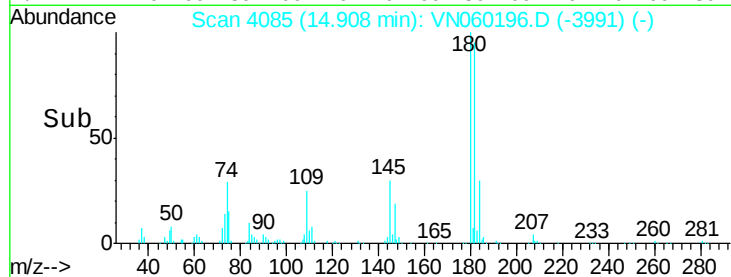
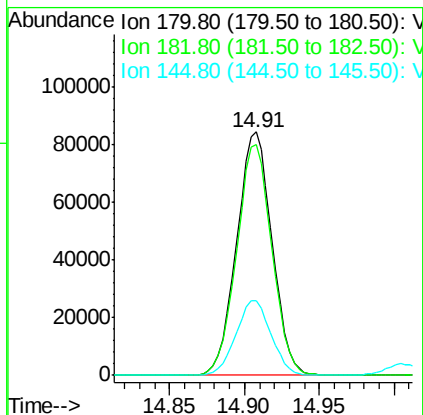
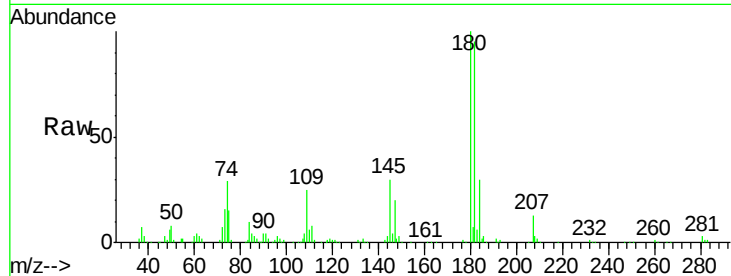
ClientSampleId :

VSTDCCC050

Tot Ion:	180	Resp:	139084
Ion Ratio	Lower	Upper	
180	100		
182	94.4	47.9	143.8
145	30.5	15.2	45.5

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 50.706 ug/l

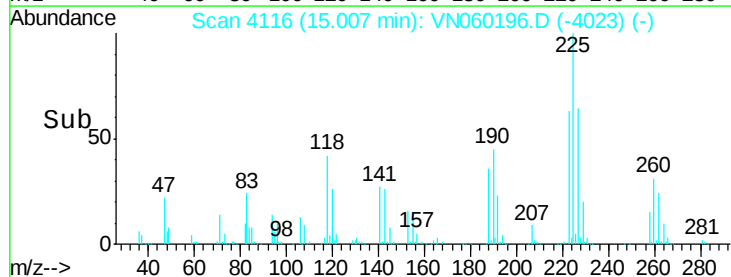
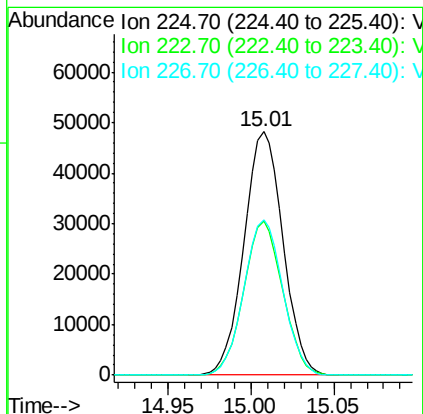
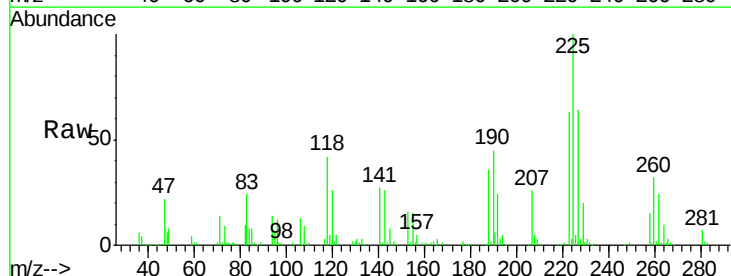
RT: 15.01 min Scan# 4116

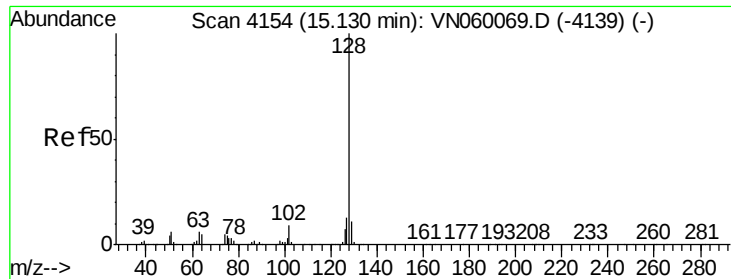
Delta R.T. -0.00 min

Lab File: VN060196.D

Acq: 24 Feb 2020 9:20

Tgt Ion:	225	Resp:	78935
Ion Ratio	Lower	Upper	
225	100		
223	62.8	31.5	94.5
227	63.5	31.8	95.4





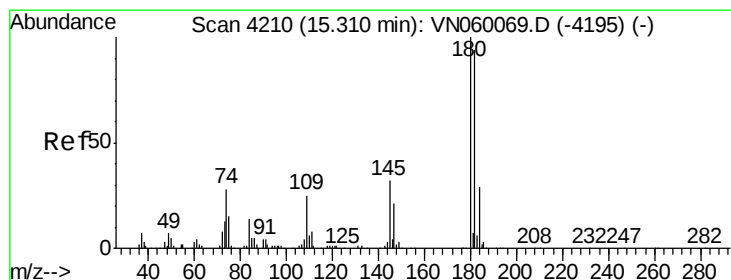
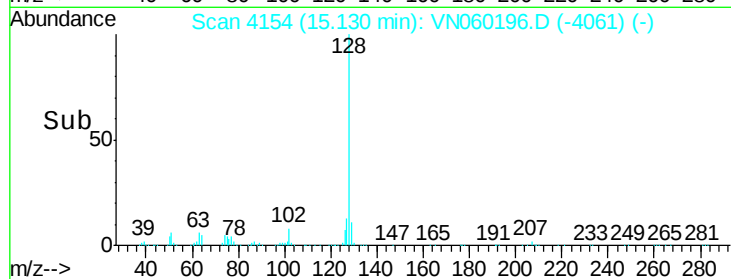
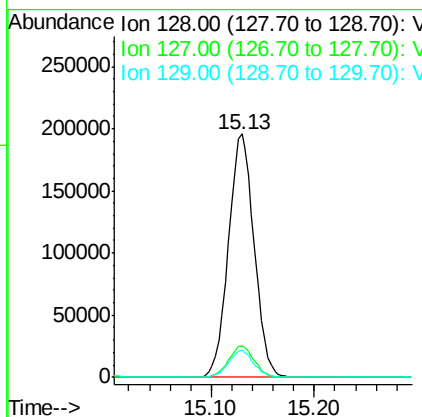
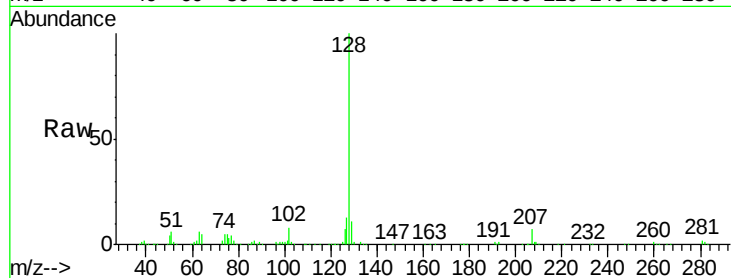
#95
Naphthalene
Concen: 47.215 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN060196.D
Acq: 24 Feb 2020 9:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	339150		
127	12.9	10.3	15.5	
129	10.9	8.6	13.0	

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#96
1,2,3-Trichlorobenzene
Concen: 49.511 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060196.D
Acq: 24 Feb 2020 9:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	131109		
182	95.3	47.5	142.5	
145	31.9	16.1	48.3	

