

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020620\
 Data File : VN060006.D
 Acq On : 6 Feb 2020 9:51
 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
 2/7/2020 1:44:29 PM

Quant Time: Feb 06 17:05:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	194653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	303803	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	281482	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	143204	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	109559	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
35) Dibromofluoromethane	7.57	113	90205	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
50) Toluene-d8	10.08	98	336926	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
62) 4-Bromofluorobenzene	12.40	95	131286	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	91812	39.900	ug/l	98
3) Chloromethane	2.04	50	91979	41.273	ug/l	100
4) Vinyl Chloride	2.17	62	121298	47.571	ug/l	98
5) Bromomethane	2.53	94	68962	44.318	ug/l	100
6) Chloroethane	2.68	64	56622	46.937	ug/l	97
7) Trichlorofluoromethane	3.00	101	145496	47.514	ug/l	99
8) Diethyl Ether	3.38	74	53321	49.617	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.74	101	86243	50.603	ug/l	95
10) Methyl Iodide	3.93	142	111029	40.304	ug/l	96
11) Tert butyl alcohol	4.73	59	84185	231.337	ug/l	99
12) 1,1-Dichloroethene	3.72	96	79496	44.639	ug/l	92
13) Acrolein	3.58	56	51300	199.145	ug/l	98
14) Allyl chloride	4.29	41	118255	49.265	ug/l #	86
15) Acrylonitrile	4.94	53	216462	260.767	ug/l	99
16) Acetone	3.78	43	257752	353.751	ug/l	99
17) Carbon Disulfide	4.03	76	190018	37.456	ug/l	99
18) Methyl Acetate	4.28	43	133208	52.756	ug/l	93
19) Methyl tert-butyl Ether	5.00	73	300548	51.761	ug/l	94
20) Methylene Chloride	4.52	84	94167	48.100	ug/l	90
21) trans-1,2-Dichloroethene	5.01	96	86508	45.698	ug/l	90
22) Diisopropyl ether	5.91	45	286550	52.677	ug/l	95
23) Vinyl Acetate	5.86	43	1097252	260.525	ug/l	96
24) 1,1-Dichloroethane	5.82	63	167803	50.485	ug/l	98
25) 2-Butanone	6.80	43	333076	272.090	ug/l	94
26) 2,2-Dichloropropane	6.80	77	162439	50.834	ug/l	97
27) cis-1,2-Dichloroethene	6.80	96	108592	49.874	ug/l	90
28) Bromochloromethane	7.17	49	66108	49.762	ug/l #	80
29) Tetrahydrofuran	7.18	42	186167	245.797	ug/l	89
30) Chloroform	7.35	83	180582	52.435	ug/l	99
31) Cyclohexane	7.63	56	136758	42.759	ug/l	89
32) 1,1,1-Trichloroethane	7.54	97	161391	50.684	ug/l	97
36) 1,1-Dichloropropene	7.77	75	126819	47.935	ug/l	97
37) Ethyl Acetate	6.90	43	121132	48.817	ug/l	97
38) Carbon Tetrachloride	7.75	117	141956	49.326	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	149788	45.917	ug/l	93
40) Benzene	8.02	78	378058	47.915	ug/l	99
41) Methacrylonitrile	7.15	41	57136m	46.748	ug/l	
42) 1,2-Dichloroethane	8.10	62	141600	52.931	ug/l	98
43) Isopropyl Acetate	8.14	43	213534	50.031	ug/l	96
44) Trichloroethene	8.82	130	108577	50.408	ug/l	94
45) 1,2-Dichloropropane	9.10	63	99468	50.945	ug/l	99
46) Dibromomethane	9.19	93	70370	51.094	ug/l	93
47) Bromodichloromethane	9.39	83	146602	52.822	ug/l	99
48) Methyl methacrylate	9.18	41	94856	49.687	ug/l	91
49) 1,4-Dioxane	9.18	88	34219	979.125	ug/l	93
51) 4-Methyl-2-Pentanone	9.97	43	631928	256.128	ug/l	96
52) Toluene	10.14	92	248404	49.842	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	167452	54.034	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	171895	52.717	ug/l	95
55) 1,1,2-Trichloroethane	10.55	97	101474	51.408	ug/l	98
56) Ethyl methacrylate	10.42	69	152127	50.438	ug/l	94
57) 1,3-Dichloropropane	10.70	76	167991	53.606	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	243875	268.449	ug/l	93
59) 2-Hexanone	10.74	43	504502	277.562	ug/l	96
60) Dibromochloromethane	10.89	129	121009	53.835	ug/l	100
61) 1,2-Dibromoethane	11.00	107	106600	51.526	ug/l	99
64) Tetrachloroethene	10.62	164	105736	46.090	ug/l	96
65) Chlorobenzene	11.43	112	275721	49.835	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	110110	51.506	ug/l	98
67) Ethyl Benzene	11.50	91	499461	49.730	ug/l	98
68) m/p-Xylenes	11.62	106	377301	99.451	ug/l	95
69) o-Xylene	11.94	106	183265	49.342	ug/l	97
70) Styrene	11.96	104	312006	50.201	ug/l	97
71) Bromoform	12.12	173	91860	53.644	ug/l #	98
73) Isopropylbenzene	12.25	105	503024	47.896	ug/l	100
74) N-amyl acetate	12.07	43	193957	47.593	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	148258	48.694	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	136865m	56.791	ug/l	
77) Bromobenzene	12.52	156	127823	48.060	ug/l	85
78) n-propylbenzene	12.59	91	577929	49.027	ug/l	98
79) 2-Chlorotoluene	12.67	91	341064	48.635	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	425909	48.220	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	56347	50.210	ug/l	96
82) 4-Chlorotoluene	12.77	91	352340	50.092	ug/l	97
83) tert-Butylbenzene	12.99	119	372460	48.757	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	425217	48.662	ug/l	99
85) sec-Butylbenzene	13.17	105	492938	49.114	ug/l	99
86) p-Isopropyltoluene	13.29	119	454592	48.950	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	233086	50.452	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	231276	50.181	ug/l	97
89) n-Butylbenzene	13.61	91	406404	51.324	ug/l	99
90) Hexachloroethane	13.87	117	84184	48.450	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	225428	49.357	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	32019	48.952	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	140986	51.372	ug/l	99
94) Hexachlorobutadiene	15.01	225	74871	49.506	ug/l	100
95) Naphthalene	15.13	128	370680	47.486	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	132236	49.502	ug/l	99

(#) = 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: VN060006.D

Acq: 6 Feb 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 194653

Ion Ratio Lower Upper

168 100

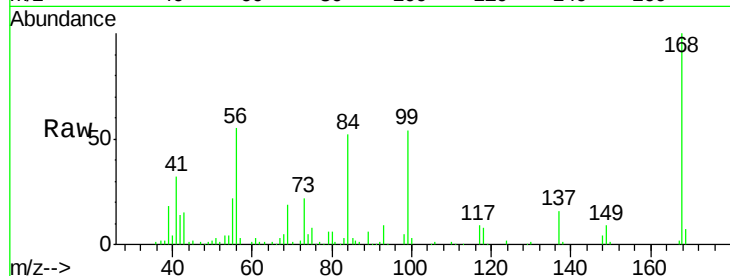
99 53.8 48.2 72.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

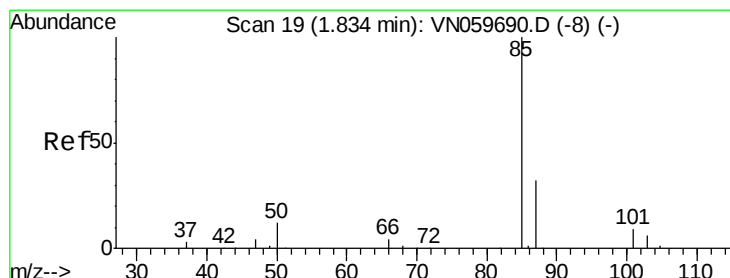
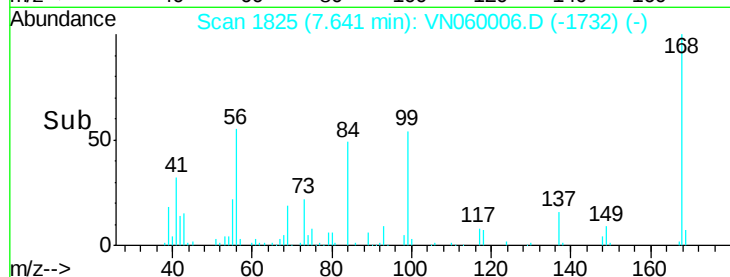
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 39.900 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060006.D

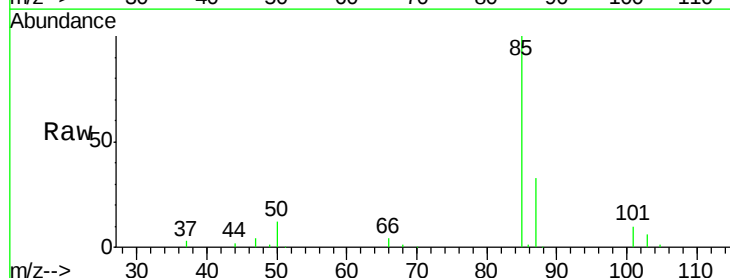
Acq: 6 Feb 2020 9:51

Tgt Ion: 85 Resp: 91812

Ion Ratio Lower Upper

85 100

87 32.9 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

60000

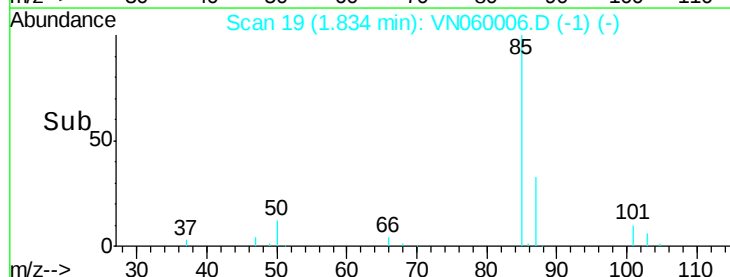
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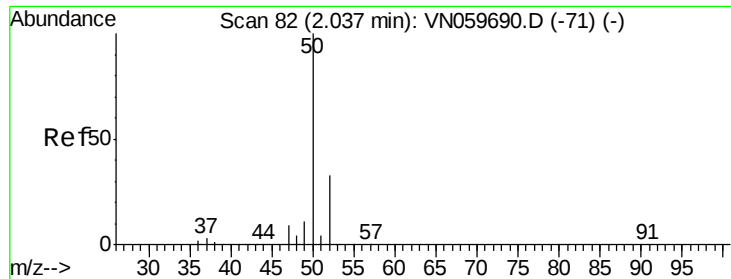
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0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 41.273 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 91979

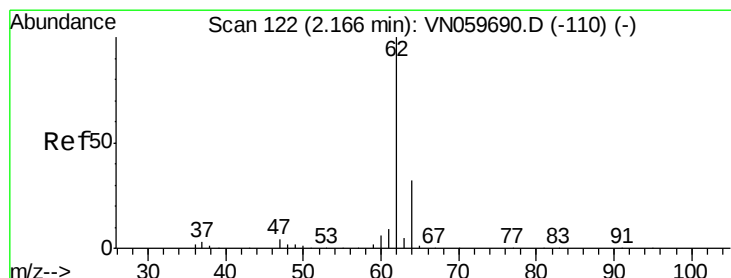
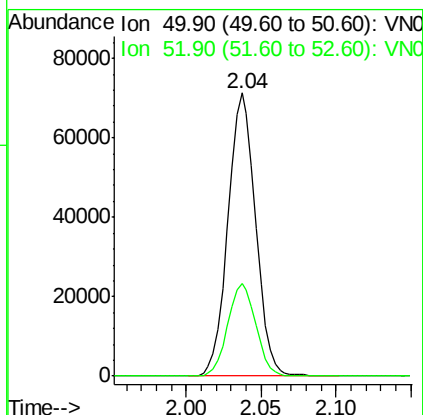
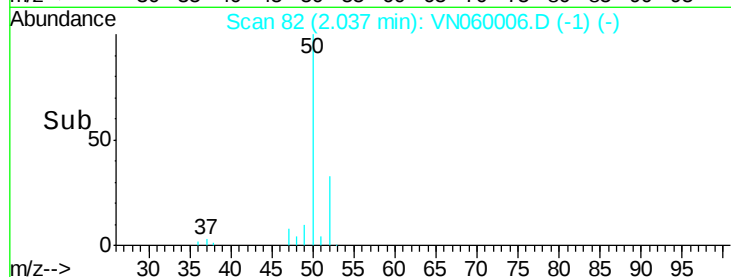
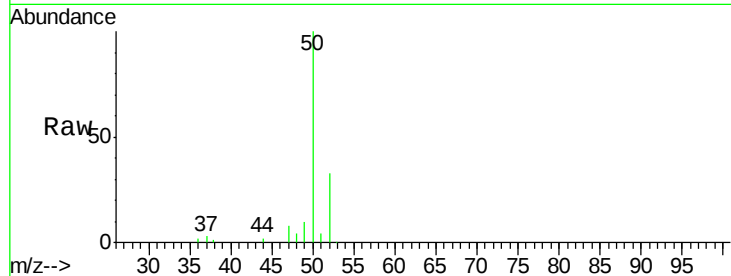
Ion Ratio Lower Upper

50 100

52 32.6 25.9 38.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 47.571 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN060006.D

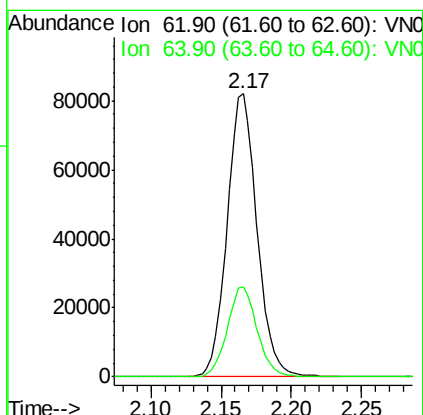
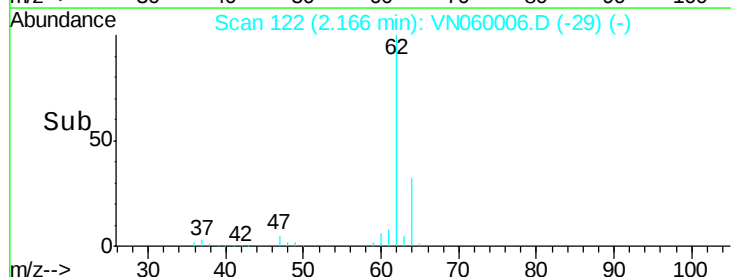
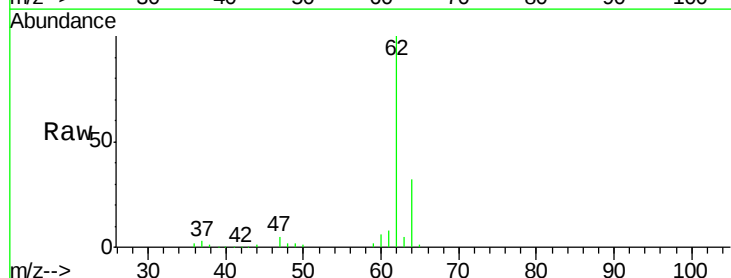
Acq: 6 Feb 2020 9:51

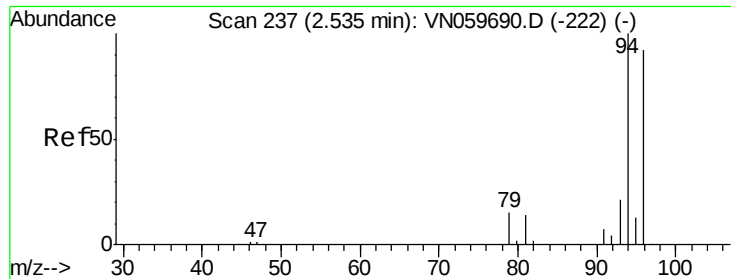
Tgt Ion: 62 Resp: 121298

Ion Ratio Lower Upper

62 100

64 32.0 24.6 37.0





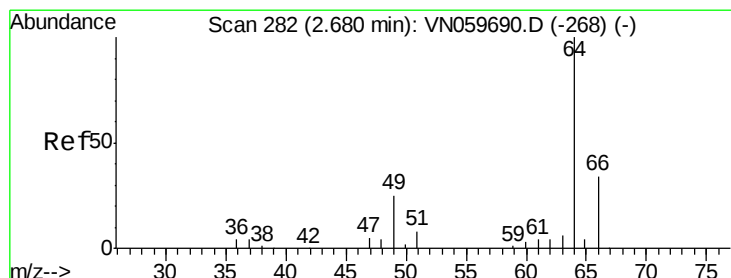
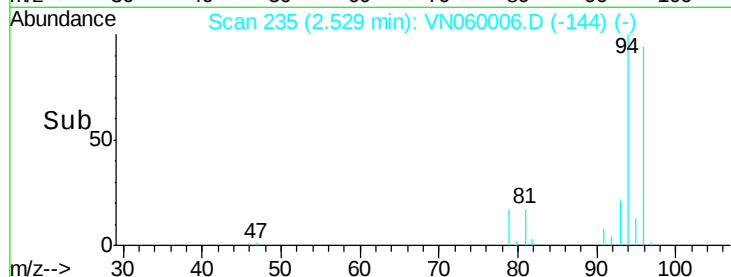
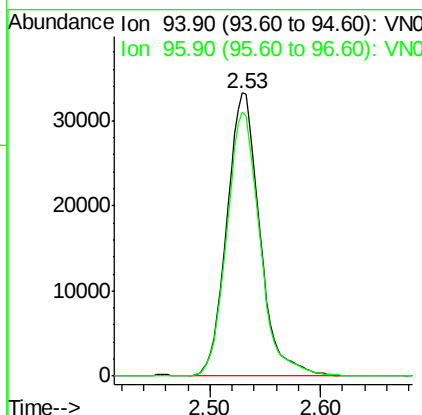
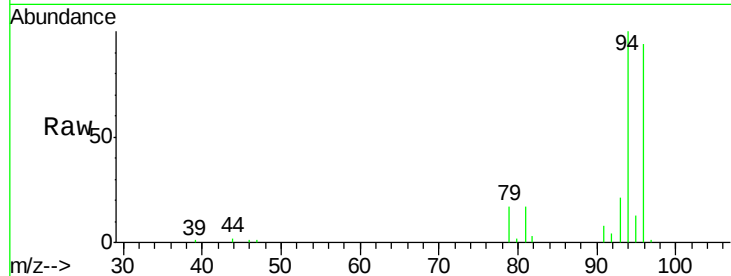
#5
Bromomethane
Concen: 44.318 ug/l
RT: 2.53 min Scan# 235
Delta R.T. -0.01 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Instrument :
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ClientSampleId :
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Tot Ion: 94 Resp: 68962
Ion Ratio Lower Upper
94 100
96 93.5 74.7 112.1

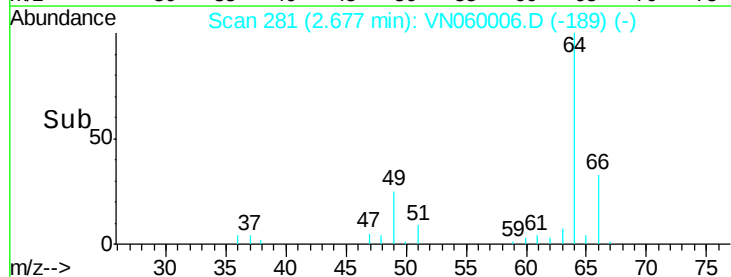
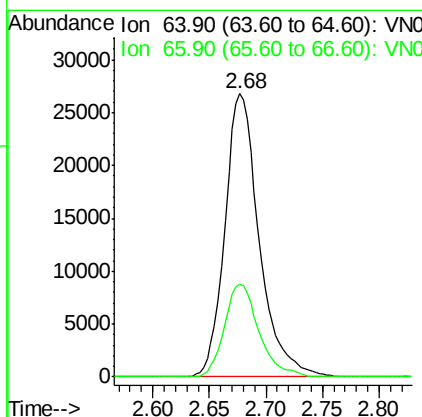
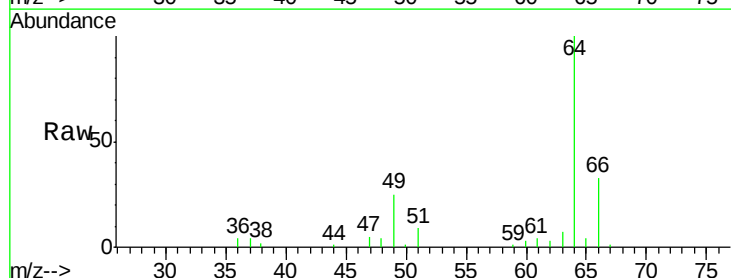
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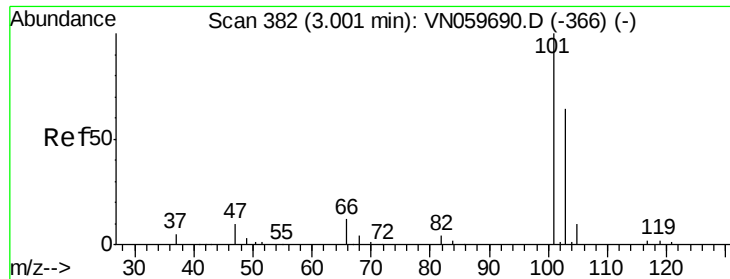
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2/7/2020 1:44:29 PM



#6
Chloroethane
Concen: 46.937 ug/l
RT: 2.68 min Scan# 281
Delta R.T. -0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Tgt Ion: 64 Resp: 56622
Ion Ratio Lower Upper
64 100
66 32.9 25.1 37.7





#7

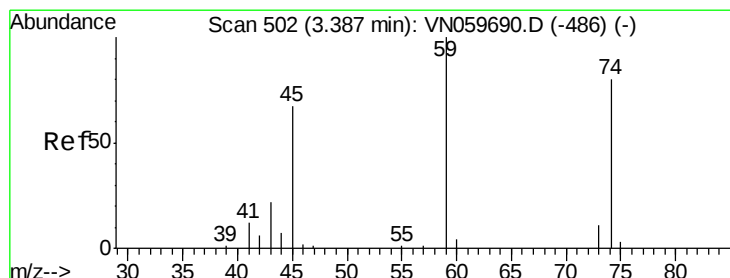
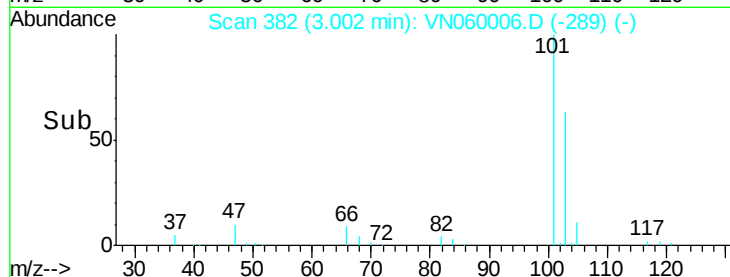
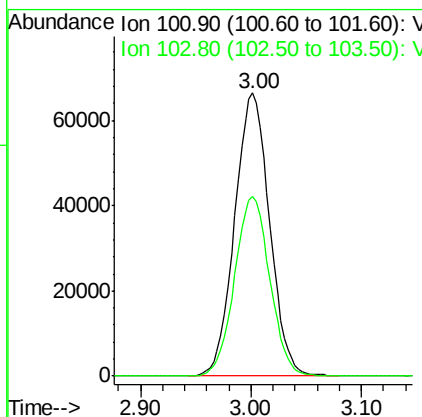
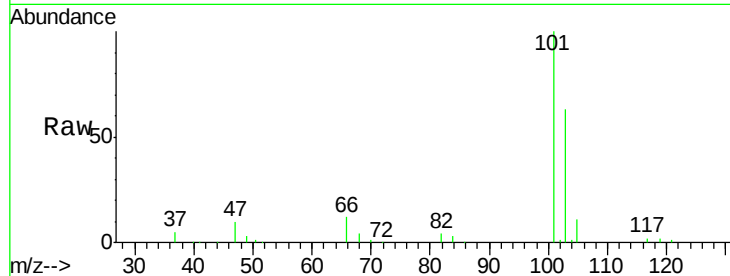
Trichlorofluoromethane
Concen: 47.514 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

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ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	145496		
103	63.4	51.0	76.6	

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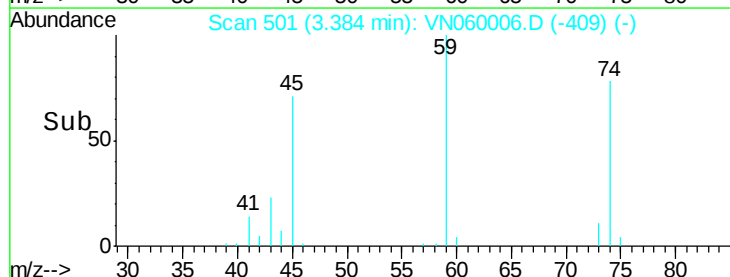
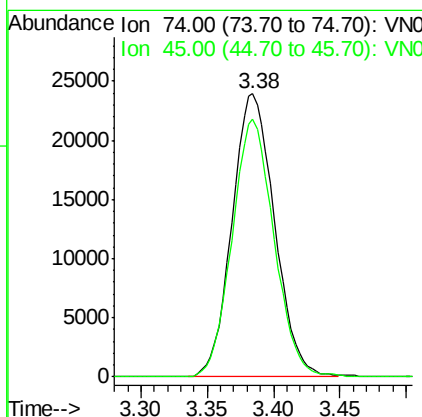
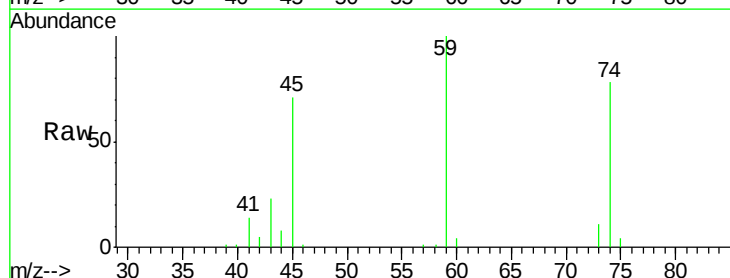
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2/7/2020 1:44:29 PM



#8

Diethyl Ether
Concen: 49.617 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	53321		
45	89.7	51.9	155.8	





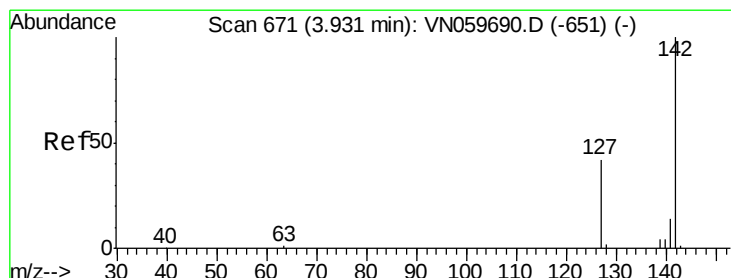
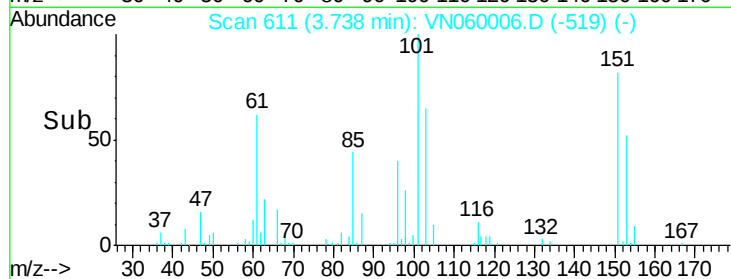
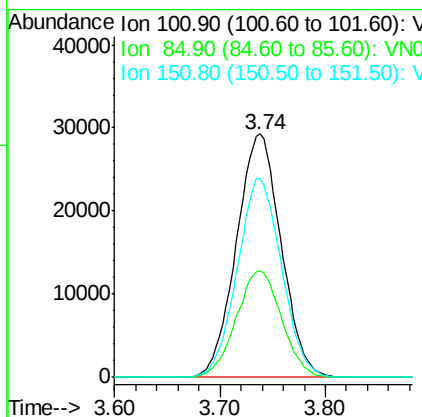
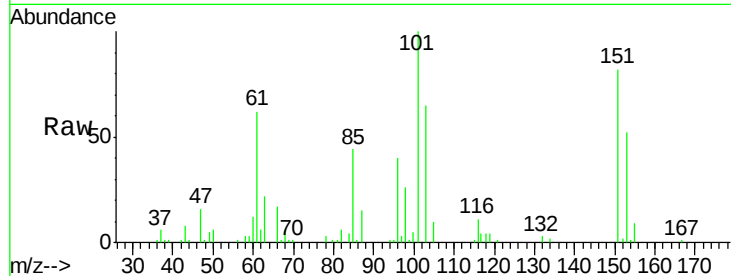
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.603 ug/l
RT: 3.74 min Scan# 611
Delta R.T. -0.00 min
Lab File: VN060006.D
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Tot Ion	Ratio	Lower	Upper
101	100		
85	44.3	36.6	54.8
151	80.9	59.7	89.5

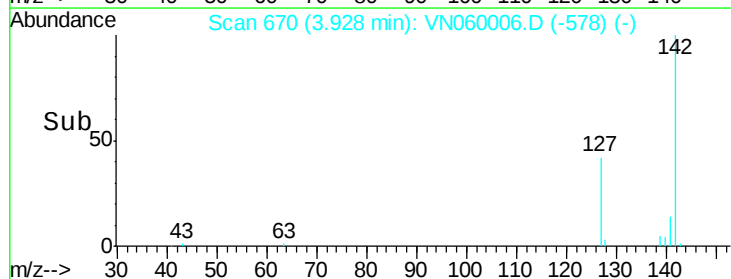
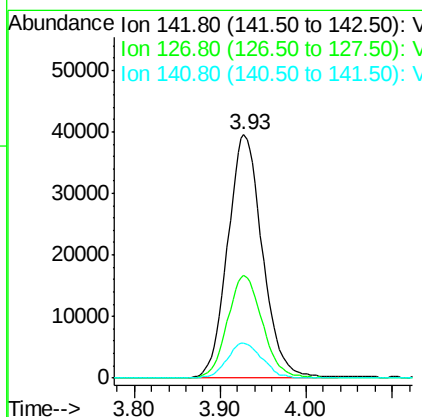
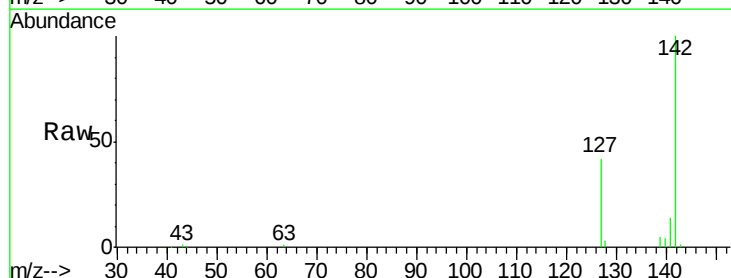
Manual Integrations
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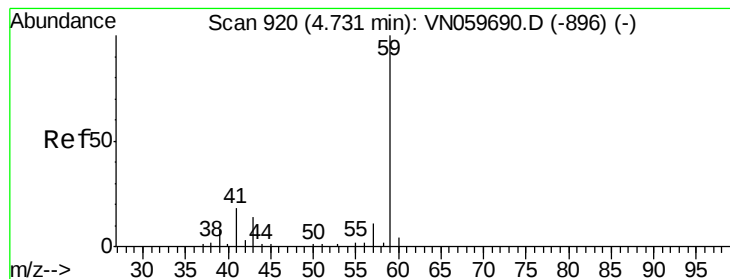
MMDadoda
2/7/2020 1:44:29 PM



#10
Methyl Iodide
Concen: 40.304 ug/l
RT: 3.93 min Scan# 670
Delta R.T. -0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Tgt Ion	Ratio	Lower	Upper
142	100		
127	42.4	36.7	55.1
141	14.5	11.7	17.5





#11

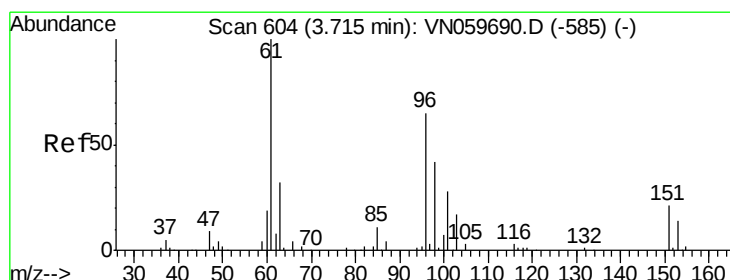
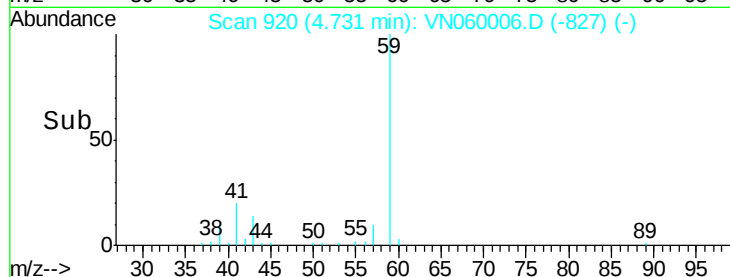
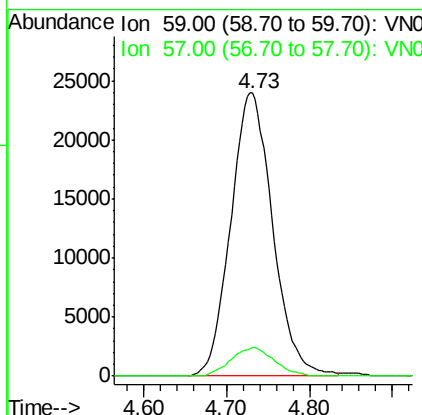
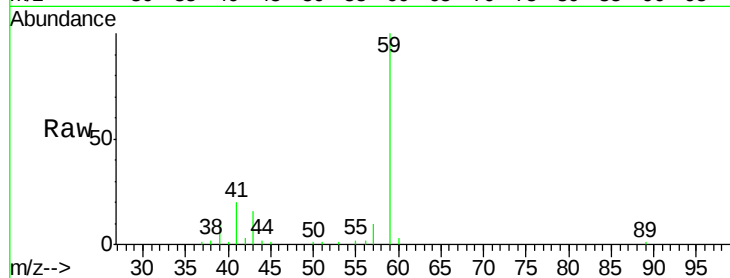
Tert butyl alcohol
Concen: 231.337 ug/l
RT: 4.73 min Scan# 920
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.6	12.8

Manual Integrations
APPROVED

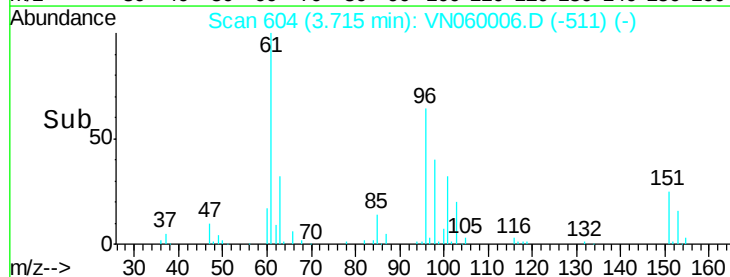
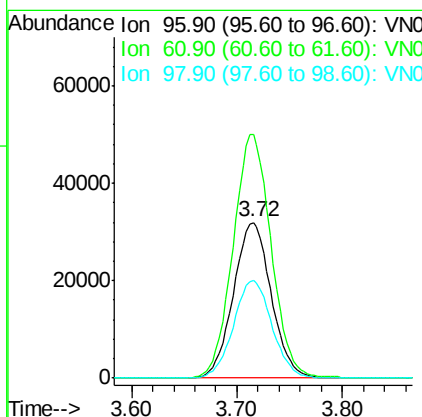
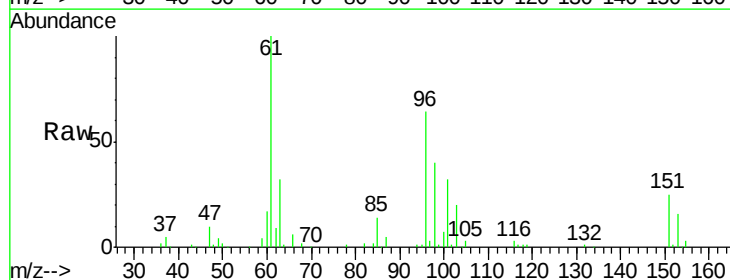
MMDadoda
2/7/2020 1:44:29 PM



#12

1,1-Dichloroethene
Concen: 44.639 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.4	137.5	206.3
98	62.6	50.2	75.4





#13

Acrolein

Concen: 199.145 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 51300

Ion Ratio Lower Upper

56 100

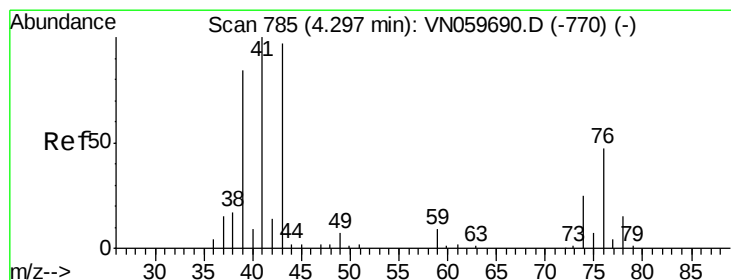
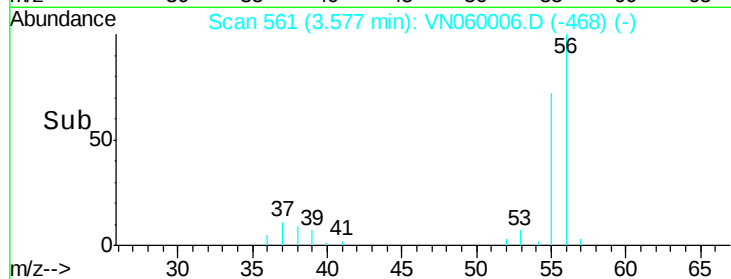
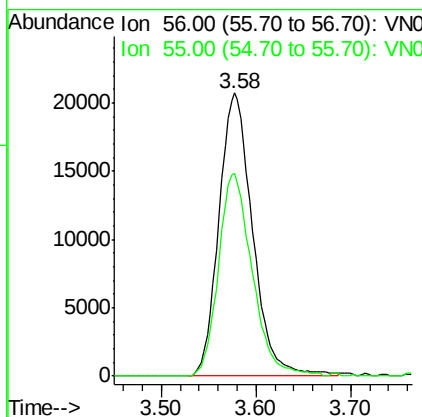
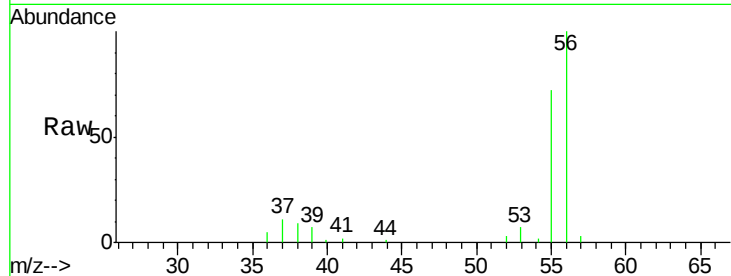
55 71.5 58.6 88.0

Manual Integrations

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2/7/2020 1:44:29 PM



#14

Allyl chloride

Concen: 49.265 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

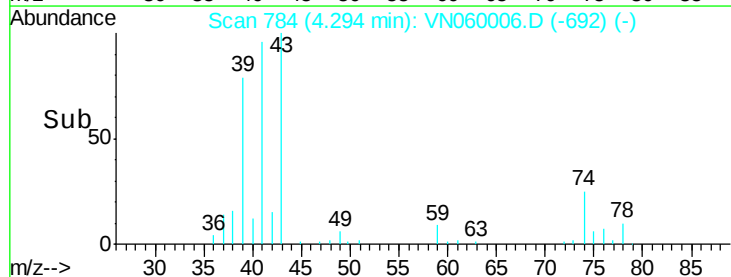
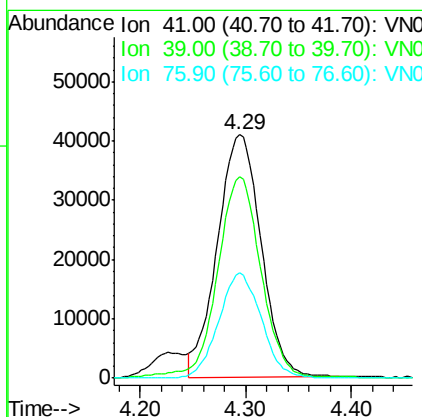
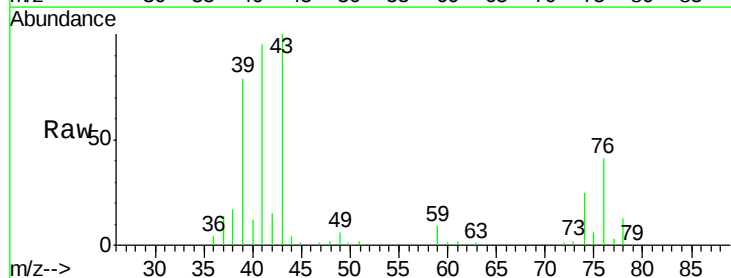
Tgt Ion: 41 Resp: 118255

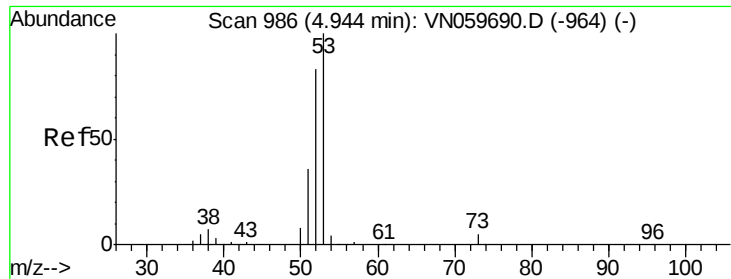
Ion Ratio Lower Upper

41 100

39 82.6 57.8 86.8

76 42.0 25.4 38.0#





#15

Acrylonitrile

Concen: 260.767 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Instrument :

MSVOA_N

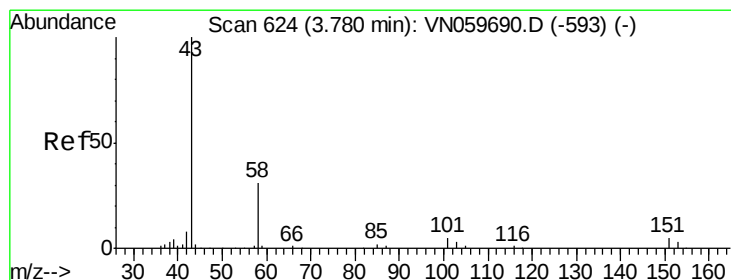
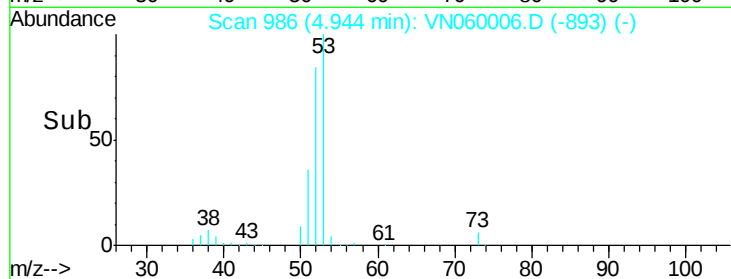
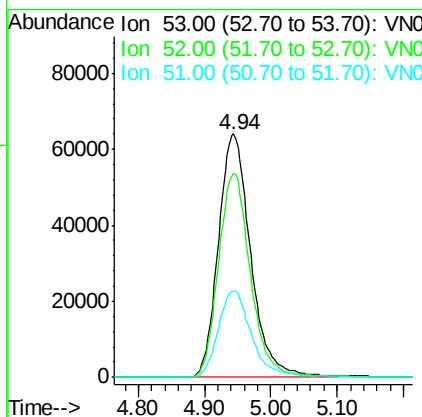
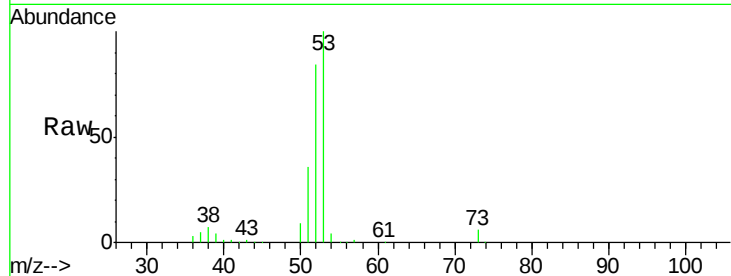
ClientSampled :

VSTDCCC050

Tot Ion:	53	Resp:	216462
Ion Ratio		Lower	Upper
53	100		
52	82.5	66.3	99.5
51	36.5	29.7	44.5

Manual Integrations
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2/7/2020 1:44:29 PM



#16

Acetone

Concen: 353.751 ug/l

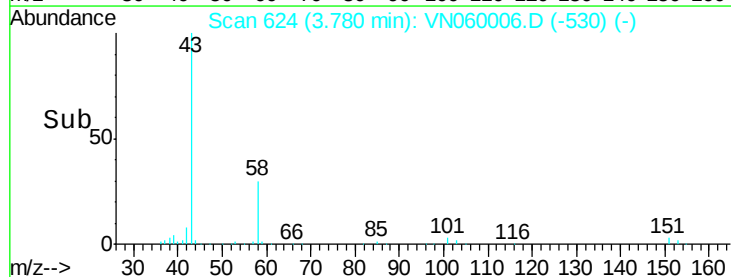
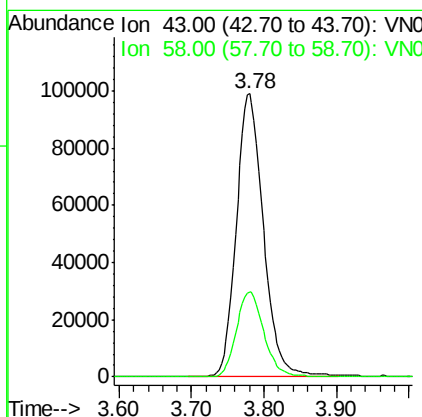
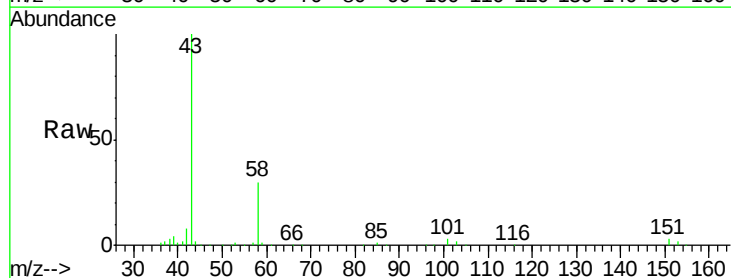
RT: 3.78 min Scan# 624

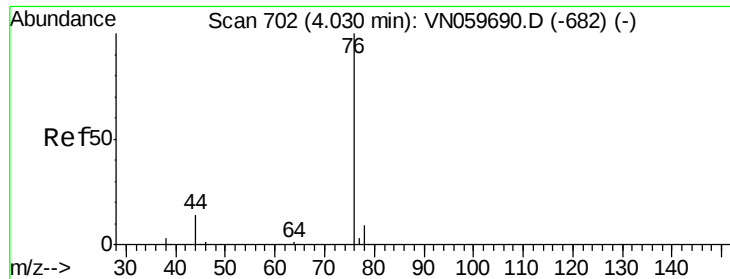
Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Tgt Ion:	43	Resp:	257752
Ion Ratio		Lower	Upper
43	100		
58	30.2	23.6	35.4





#17

Carbon Disulfide

Concen: 37.456 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 190018

Ion Ratio Lower Upper

76 100

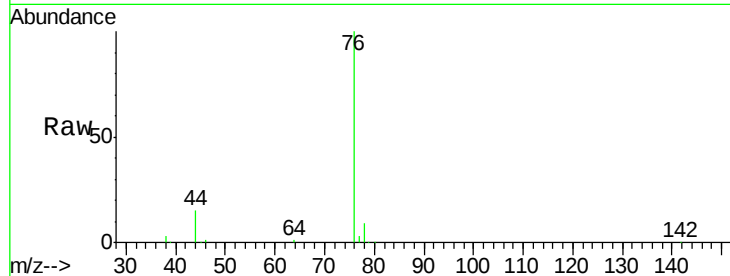
78 9.4 7.4 11.0

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO

4.03

80000

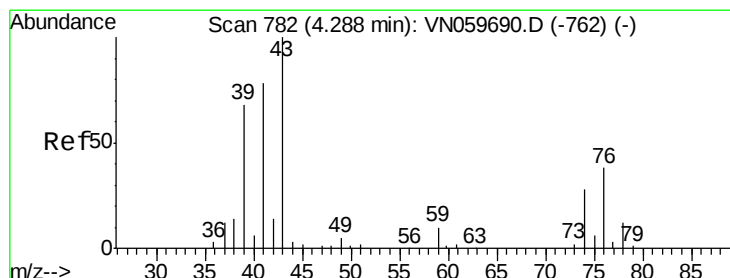
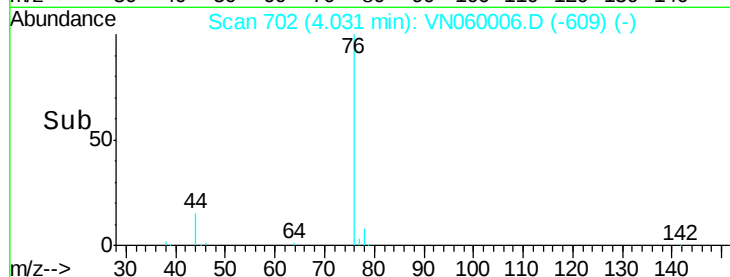
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 52.756 ug/l

RT: 4.28 min Scan# 781

Delta R.T. -0.00 min

Lab File: VN060006.D

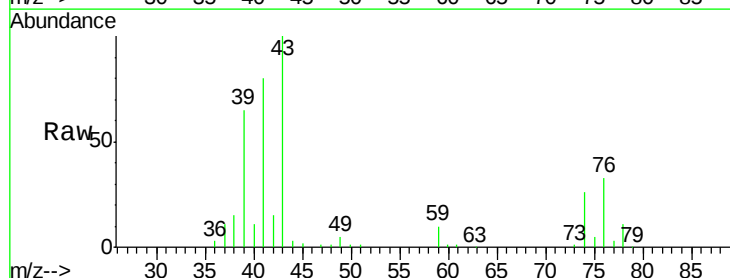
Acq: 6 Feb 2020 9:51

Tgt Ion: 43 Resp: 133208

Ion Ratio Lower Upper

43 100

74 25.2 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.28

50000

40000

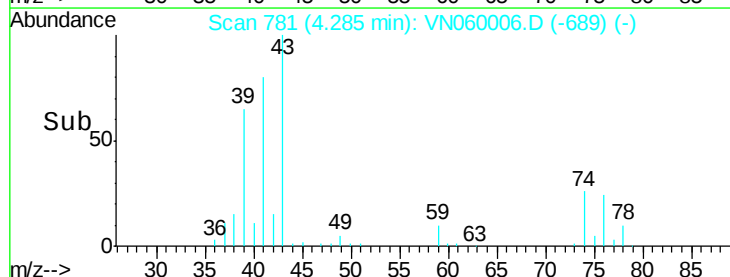
30000

20000

10000

0

Time-->





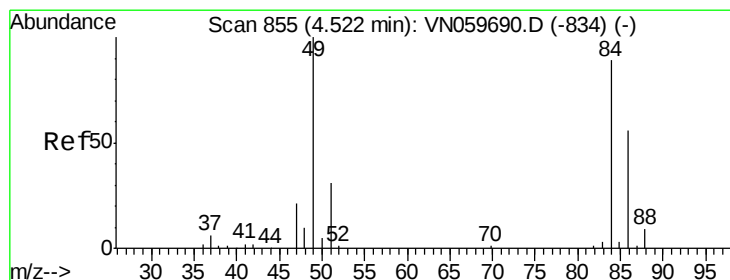
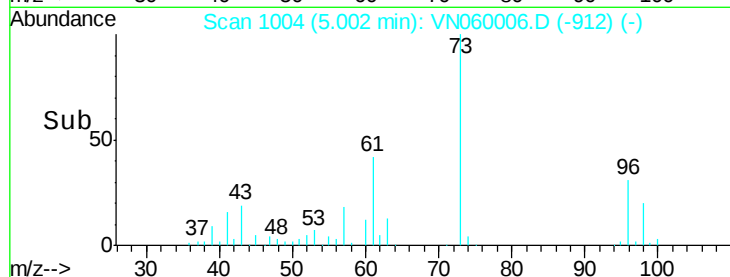
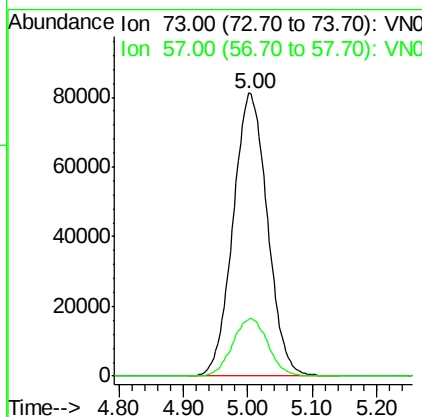
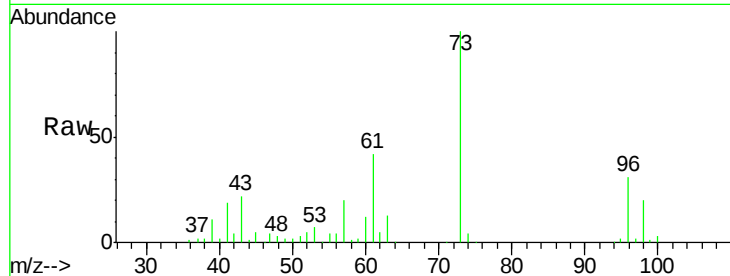
#19
Methvl tert-butvl Ether
Concen: 51.761 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 300548
Ion Ratio Lower Upper
73 100
57 20.3 18.6 27.8

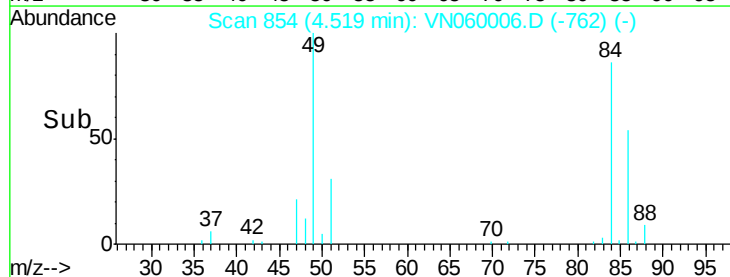
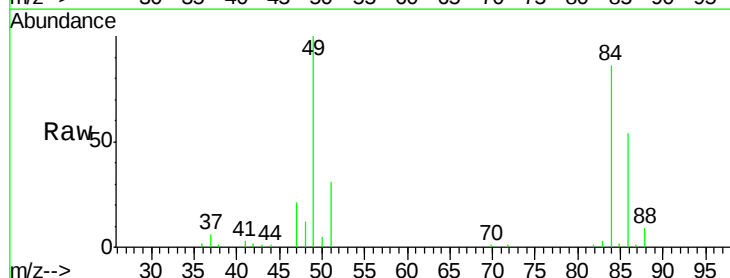
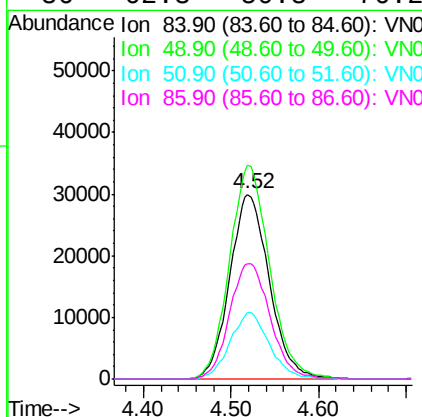
Manual Integrations
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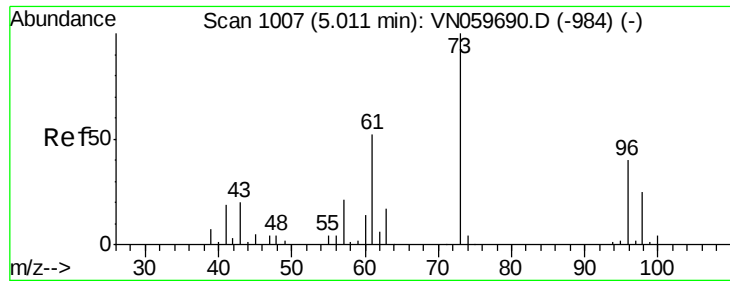
MMDadoda
2/7/2020 1:44:29 PM



#20
Methylene Chloride
Concen: 48.100 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Tgt Ion: 84 Resp: 94167
Ion Ratio Lower Upper
84 100
49 115.9 106.6 160.0
51 35.9 31.9 47.9
86 62.3 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 45.698 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN060006.D

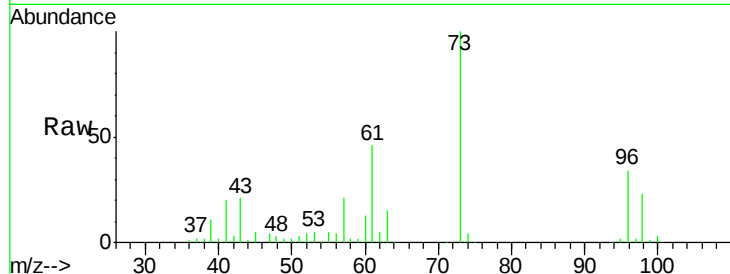
Acq: 6 Feb 2020 9:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.5	120.4	180.6
98	65.3	50.6	75.8

Manual Integrations
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2/7/2020 1:44:29 PM

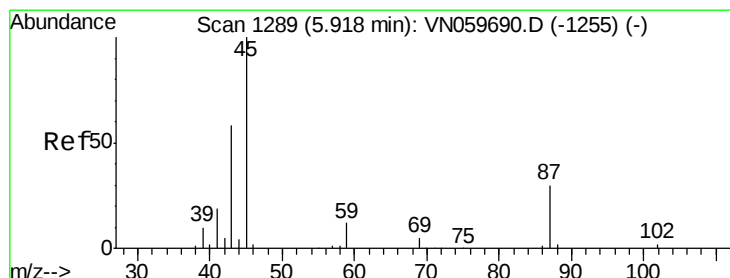
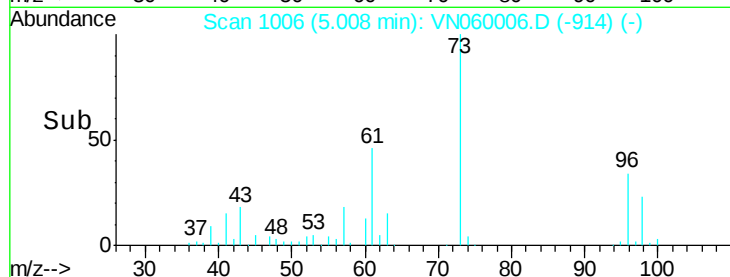
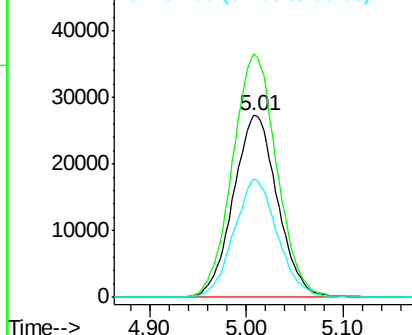


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 52.677 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Tgt Ion	Ratio	Lower	Upper
45	100		
43	65.9	50.8	76.2
87	30.9	21.0	31.6
59	12.3	9.1	13.7

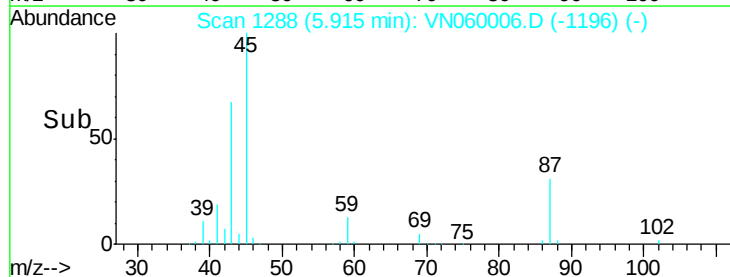
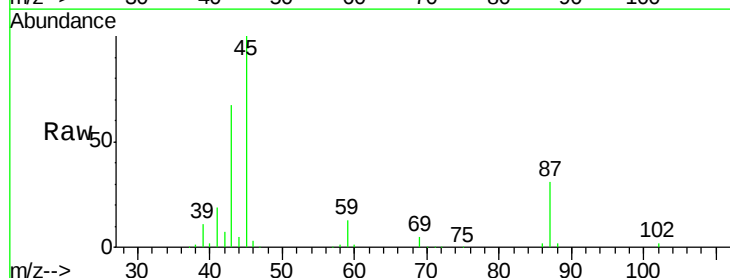
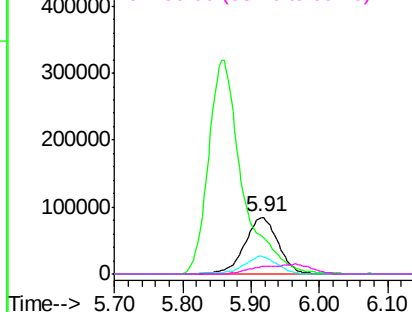
Abundance

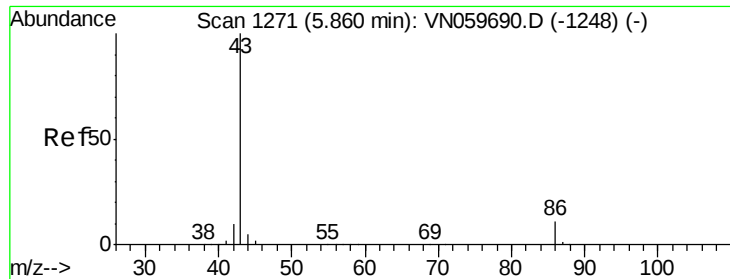
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





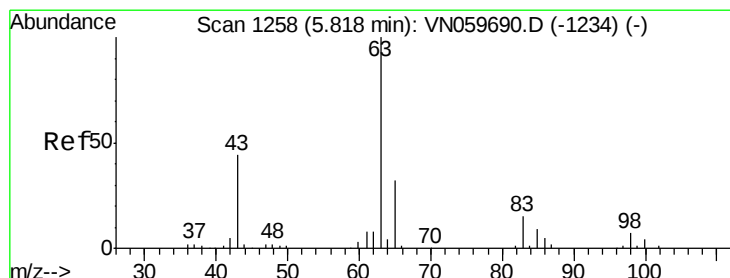
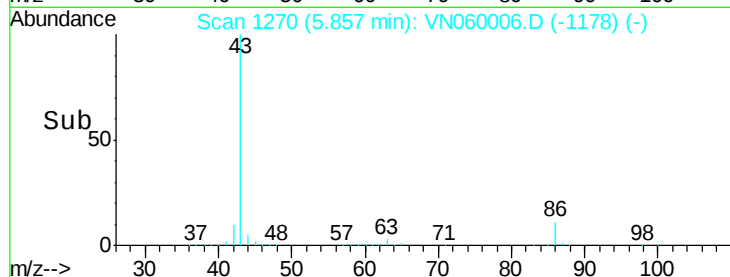
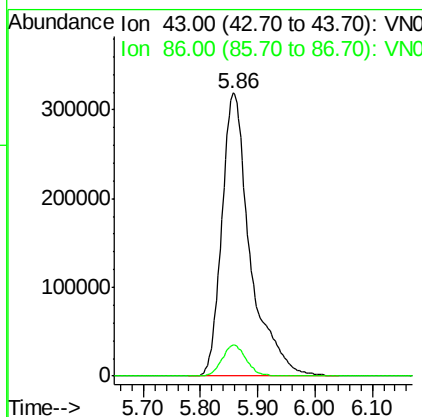
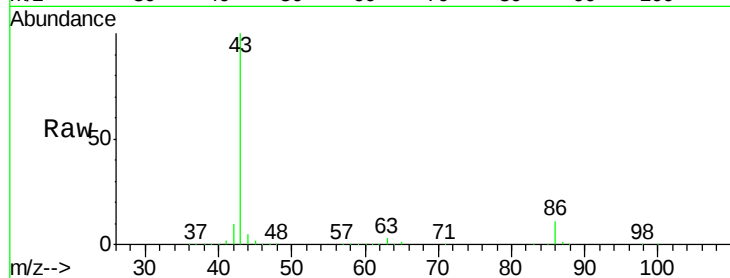
#23
 Vinyl Acetate
 Concen: 260.525 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VN060006.D
 Acq: 6 Feb 2020 9:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1097252
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.6 11.4

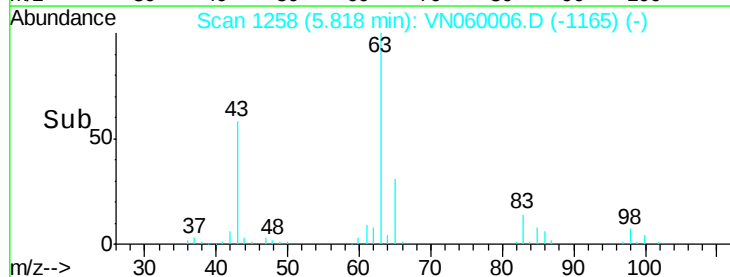
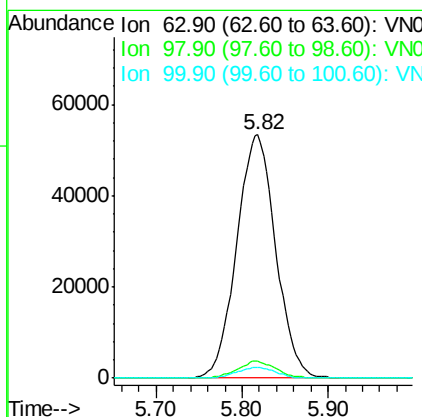
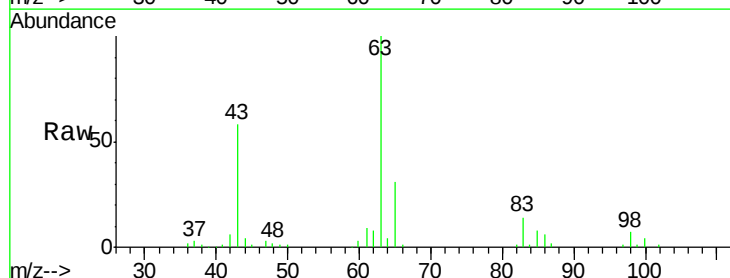
Manual Integrations
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 2/7/2020 1:44:29 PM



#24
 1,1-Dichloroethane
 Concen: 50.485 ug/l
 RT: 5.82 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: VN060006.D
 Acq: 6 Feb 2020 9:51

Tgt Ion: 63 Resp: 167803
 Ion Ratio Lower Upper
 63 100
 98 6.9 2.9 8.7
 100 4.4 2.0 6.0





#25

2-Butanone

Concen: 272.090 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Tot Ion: 43 Resp: 333076

Ion Ratio Lower Upper

43 100

72 28.0 19.9 29.9

Instrument :

MSVOA_N

ClientSampleId :

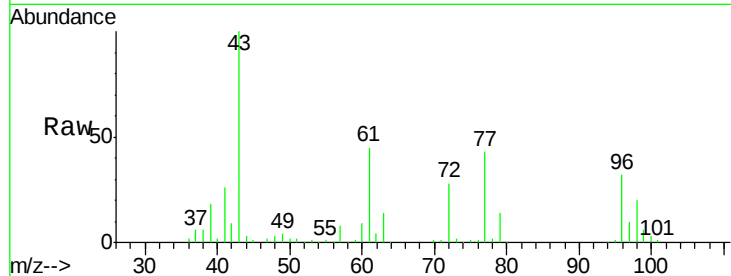
VSTDCCC050

Manual Integrations

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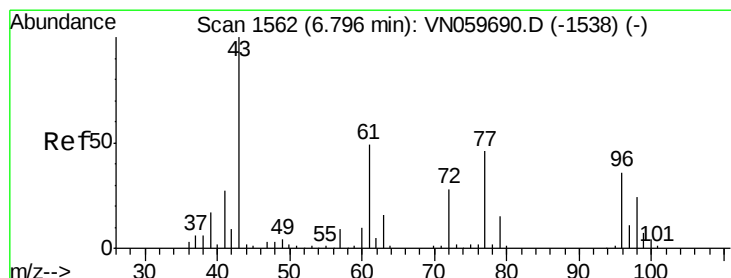
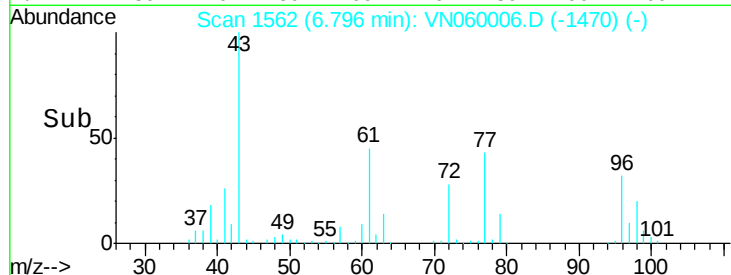
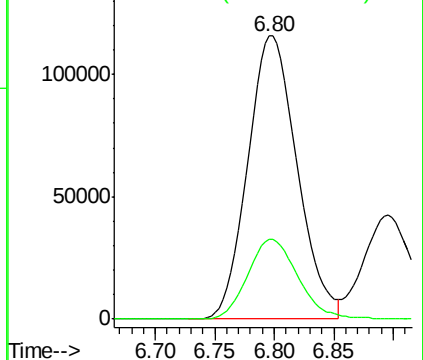
MMDadoda

2/7/2020 1:44:29 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 50.834 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN060006.D

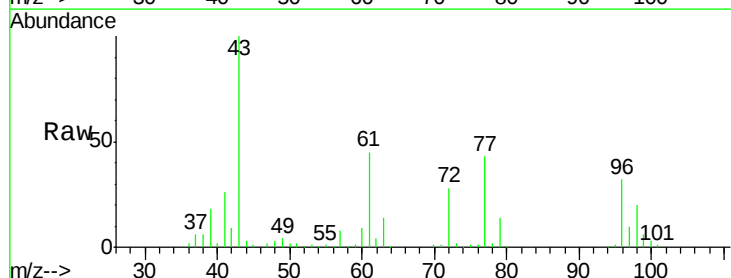
Acq: 6 Feb 2020 9:51

Tgt Ion: 77 Resp: 162439

Ion Ratio Lower Upper

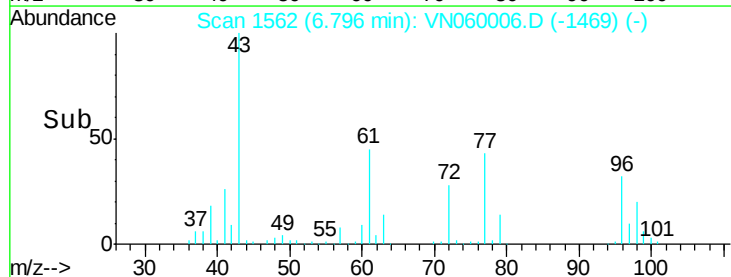
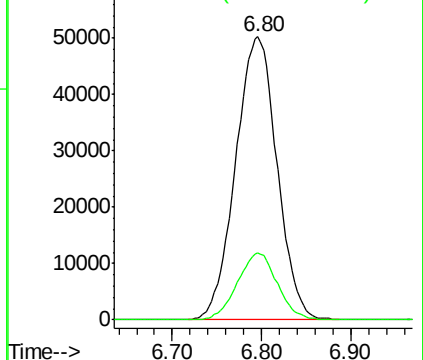
77 100

97 22.8 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 49.874 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Instrument :

MSVOA_N

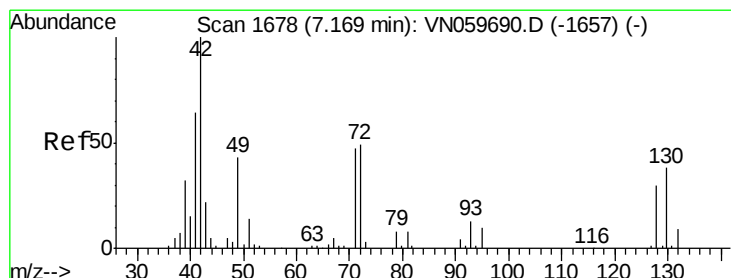
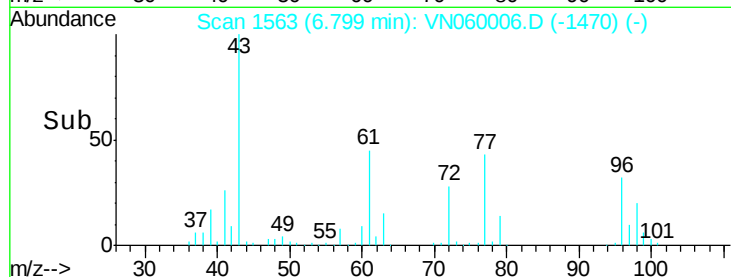
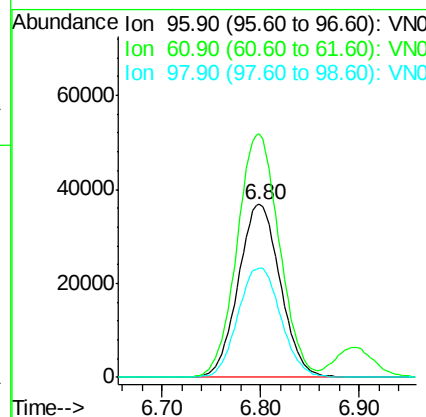
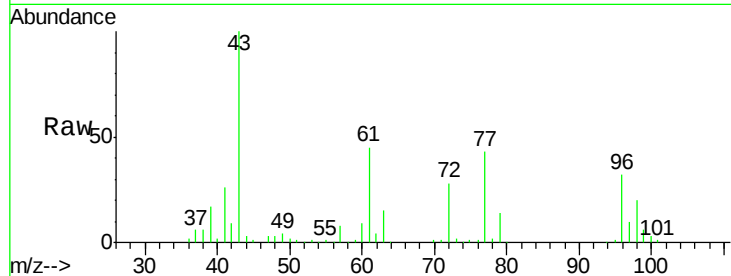
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	108592
Ion Ratio	Lower	Upper	
96	100		
61	142.0	0.0	317.6
98	64.7	0.0	127.0

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#28

Bromochloromethane

Concen: 49.762 ug/l

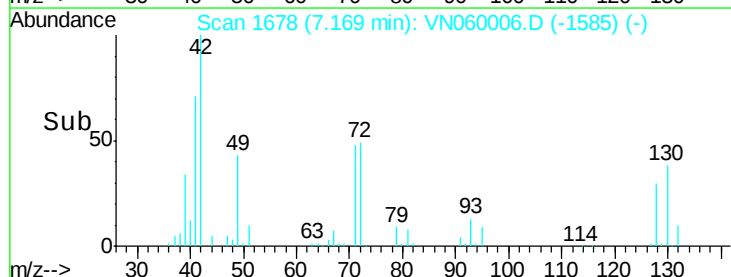
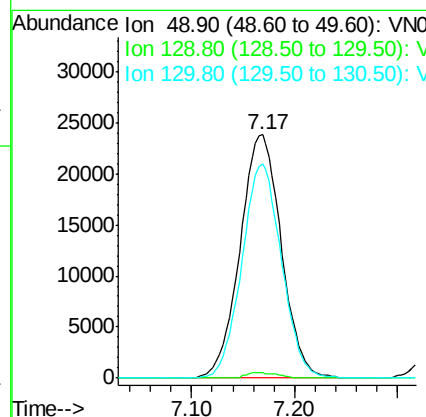
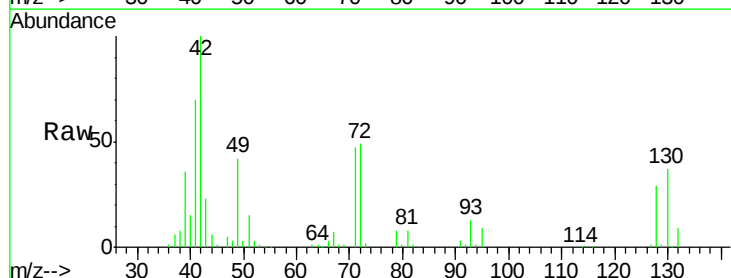
RT: 7.17 min Scan# 1678

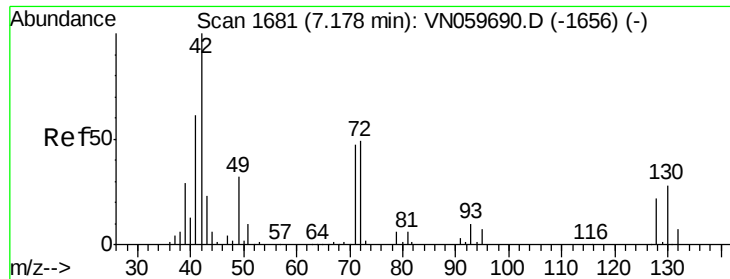
Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Tgt Ion:	49	Resp:	66108
Ion Ratio	Lower	Upper	
49	100		
129	1.7	0.0	3.4
130	84.8	54.7	82.1#





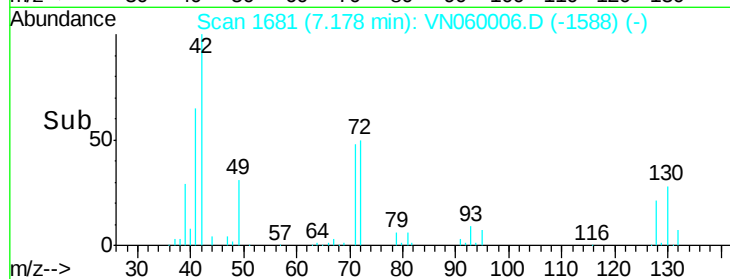
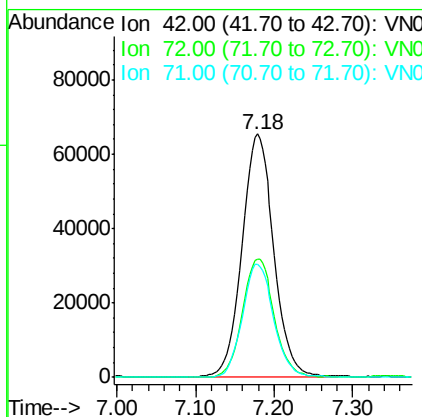
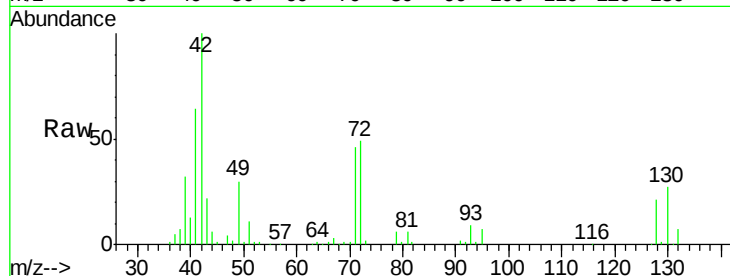
#29
Tetrahydrofuran
Concen: 245.797 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.3	33.1	49.7
71	45.8	31.4	47.0

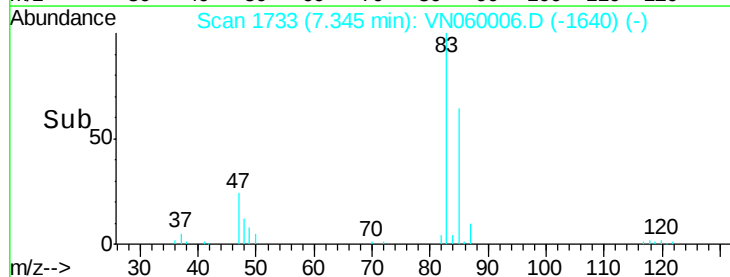
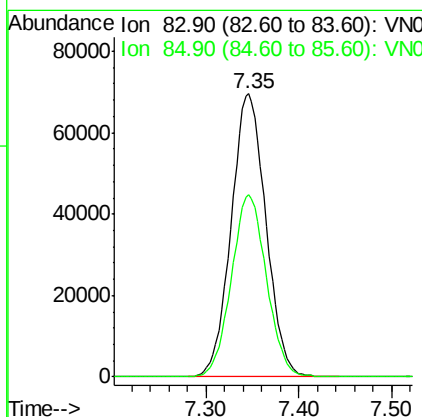
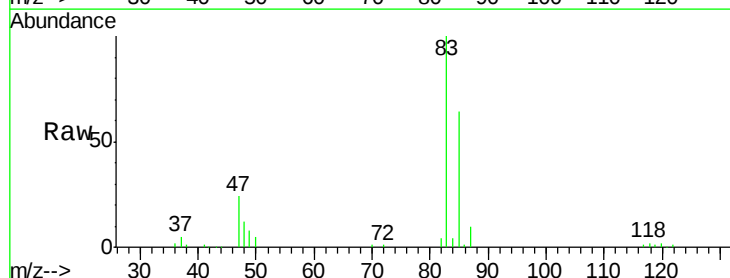
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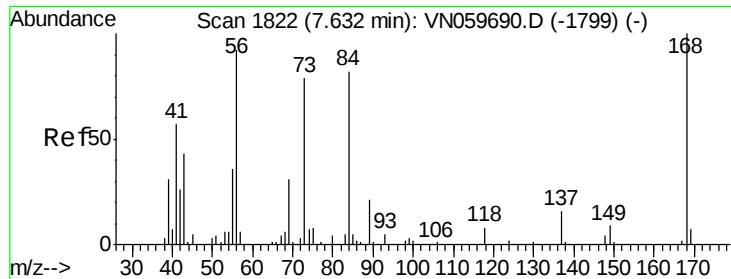
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#30
Chloroform
Concen: 52.435 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.4	78.6





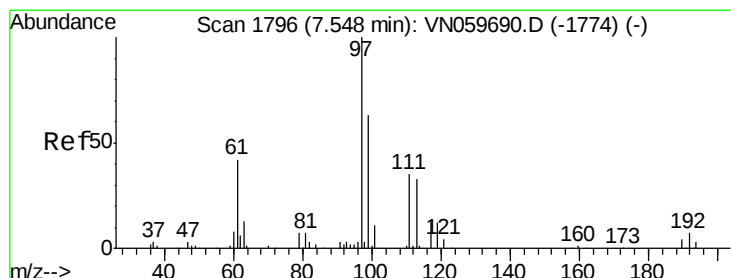
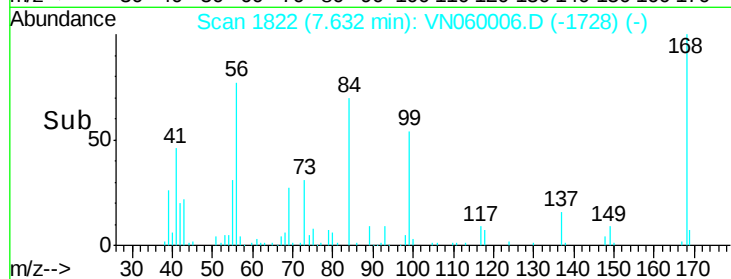
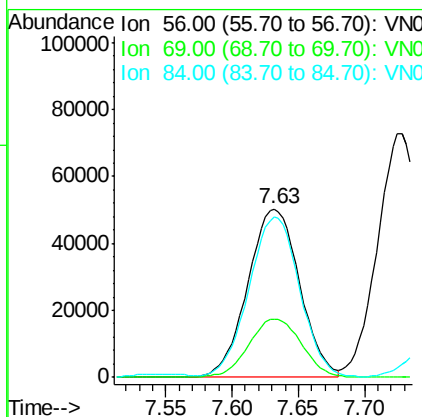
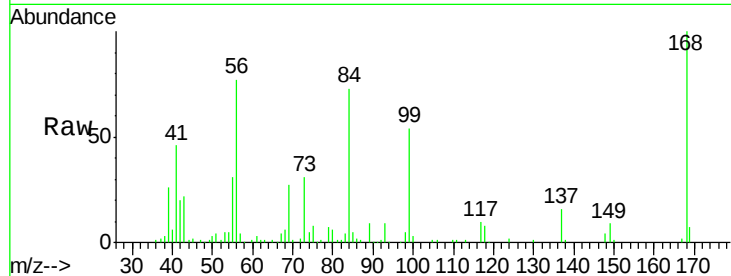
#31
Cyclohexane
Concen: 42.759 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.8	26.5	39.7
84	93.8	65.3	97.9

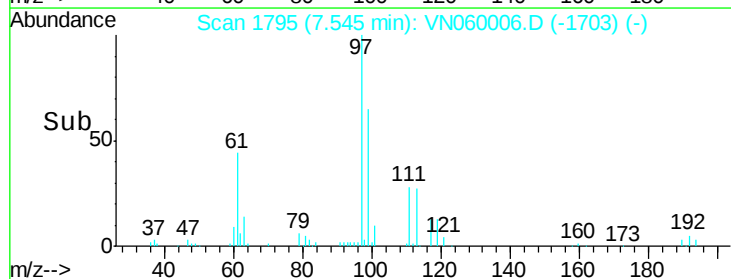
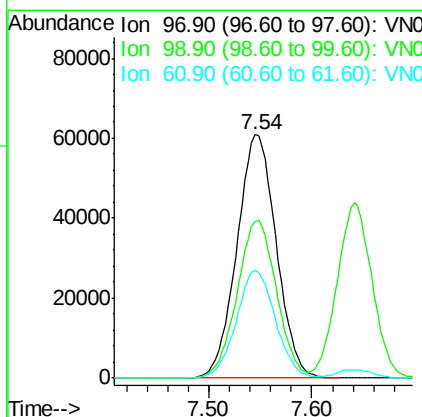
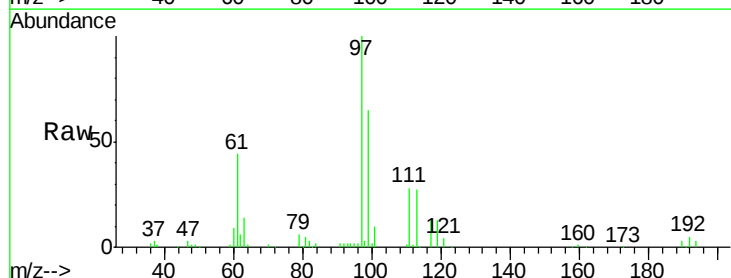
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#32
1,1,1-Trichloroethane
Concen: 50.684 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.0	76.4
61	43.9	38.5	57.7





#33

1,2-Dichloroethane-d4

Concen: 50.683 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 109559

Ion Ratio Lower Upper

65 100

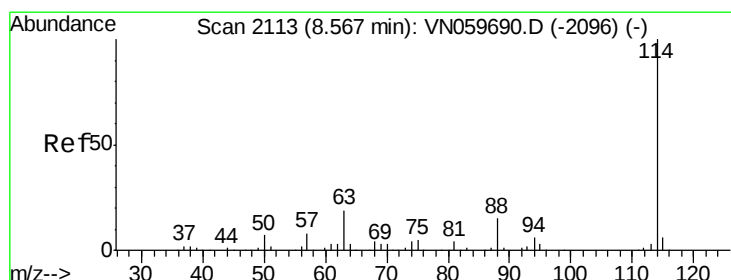
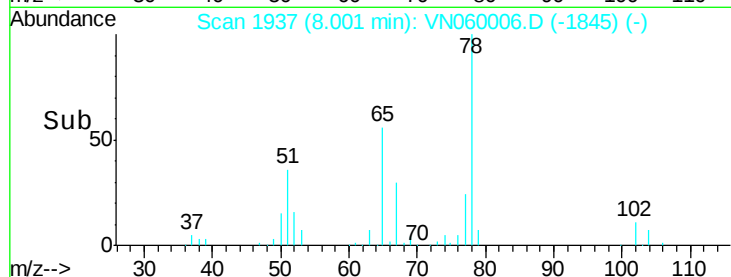
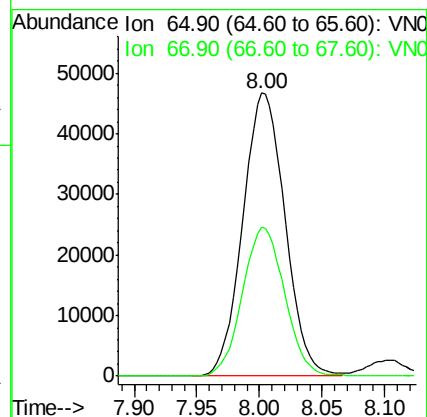
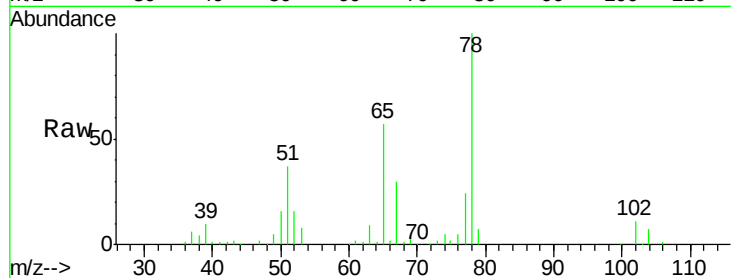
67 52.5 0.0 103.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

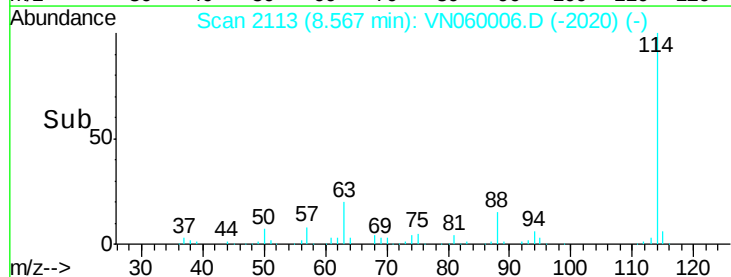
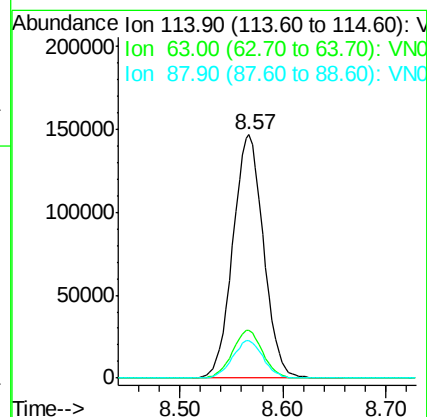
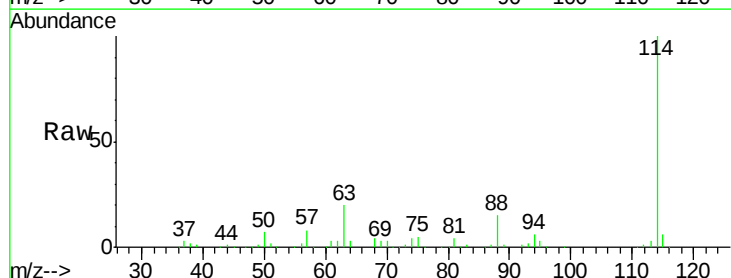
Tgt Ion: 114 Resp: 303803

Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.6

88 15.3 0.0 31.4





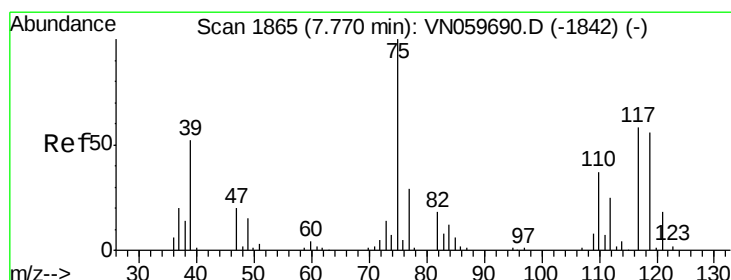
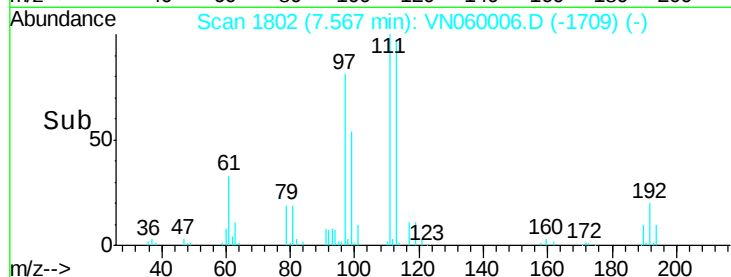
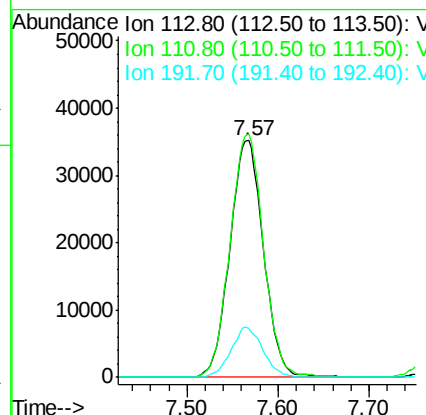
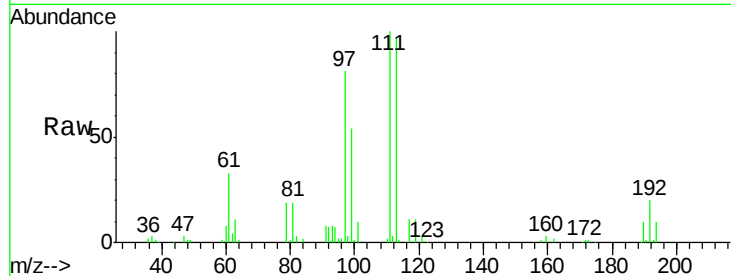
#35
 Dibromofluoromethane
 Concen: 49.790 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060006.D
 Acq: 6 Feb 2020 9:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	90205		
111	102.3		83.5	125.3
192	20.1		15.4	23.2

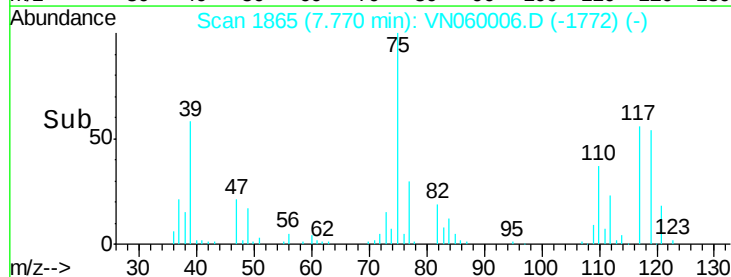
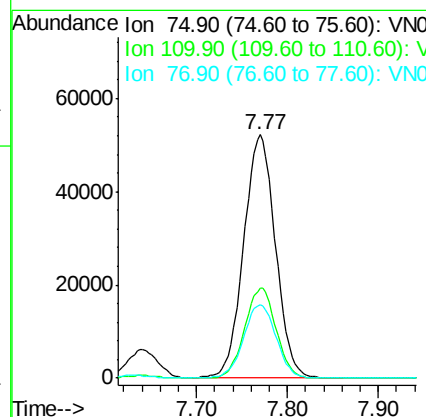
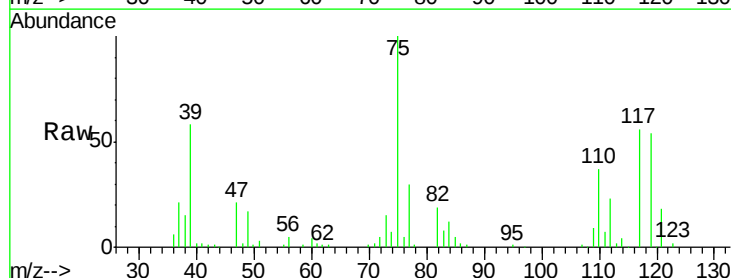
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#36
 1,1-Dichloropropene
 Concen: 47.935 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN060006.D
 Acq: 6 Feb 2020 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	126819		
110	36.4		16.6	49.7
77	30.9		25.1	37.7





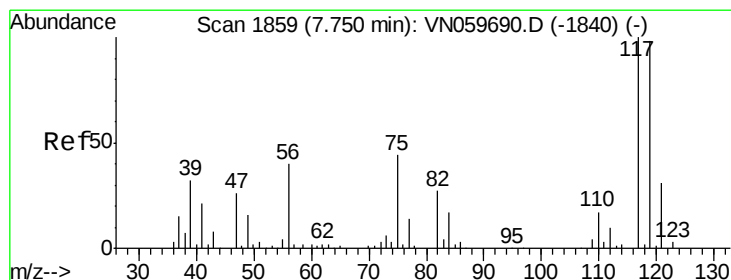
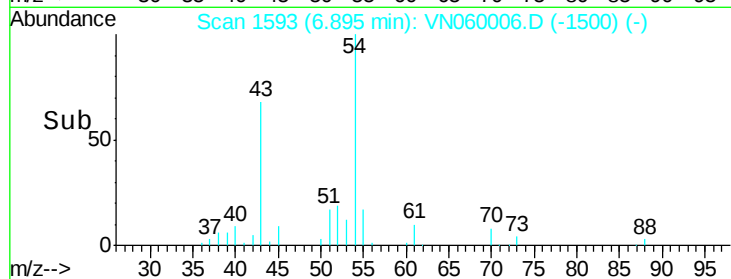
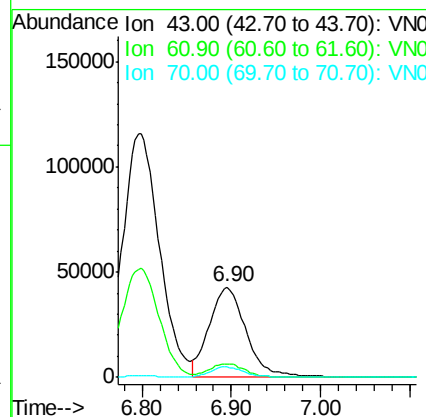
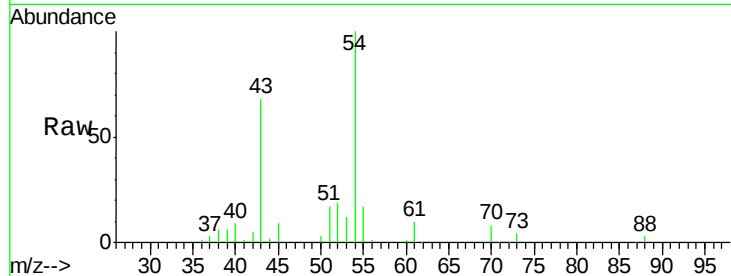
#37
Ethyl Acetate
Concen: 48.817 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	10.9	16.3
70	11.1	7.7	11.5

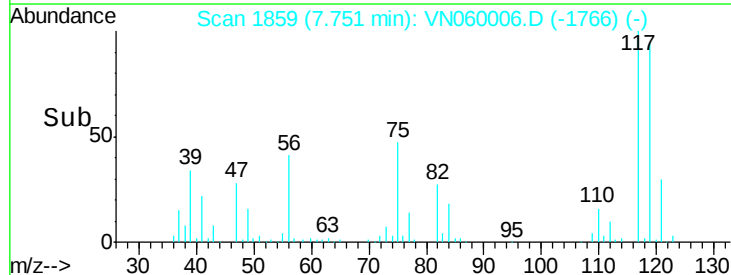
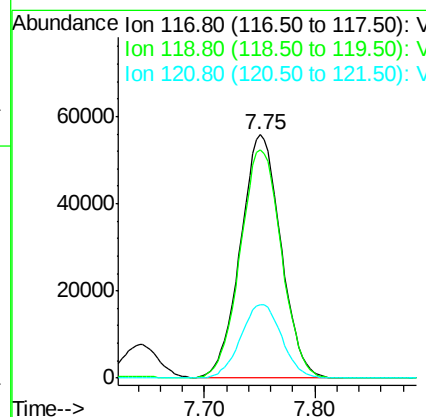
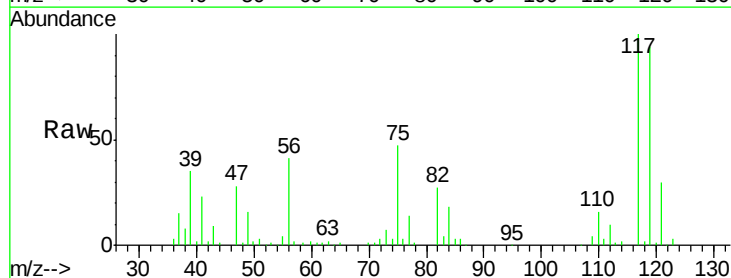
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#38
Carbon Tetrachloride
Concen: 49.326 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	76.5	114.7
121	30.4	25.1	37.7





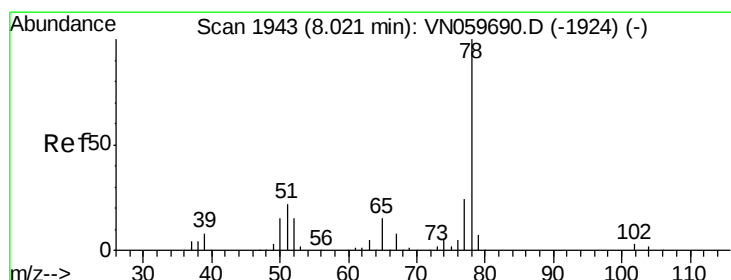
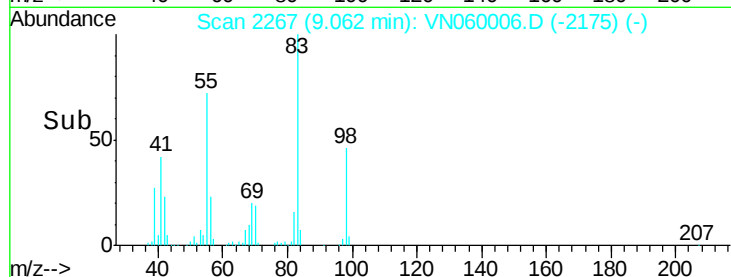
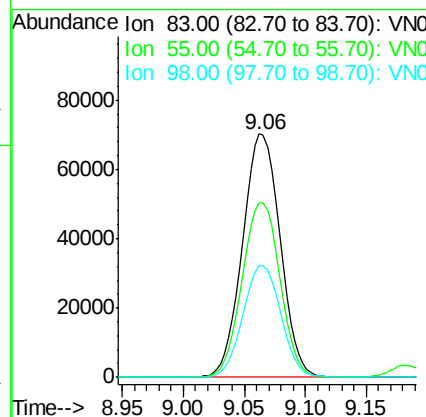
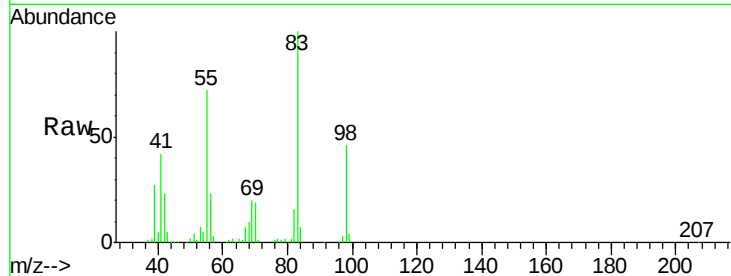
#39
Methvlcvclohexane
Concen: 45.917 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	149788		
55	71.7	64.2	96.2	
98	45.7	35.9	53.9	

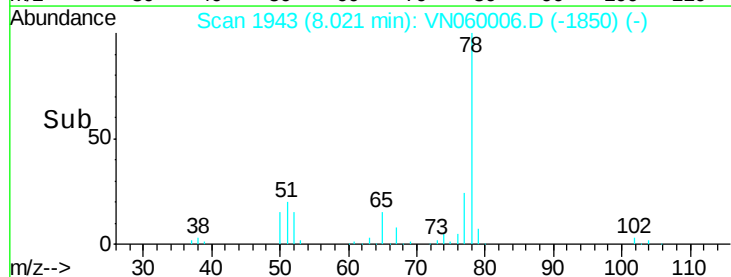
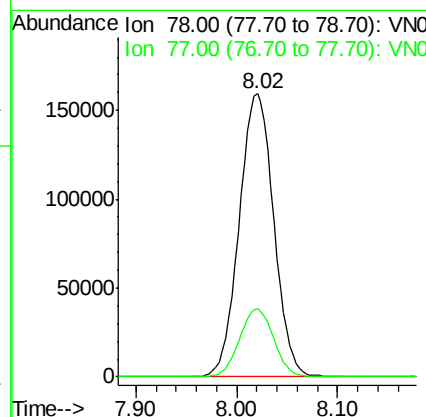
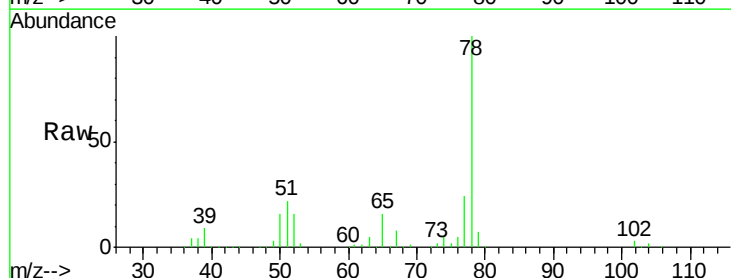
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#40
Benzene
Concen: 47.915 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	378058		
77	24.0	18.9	28.3	





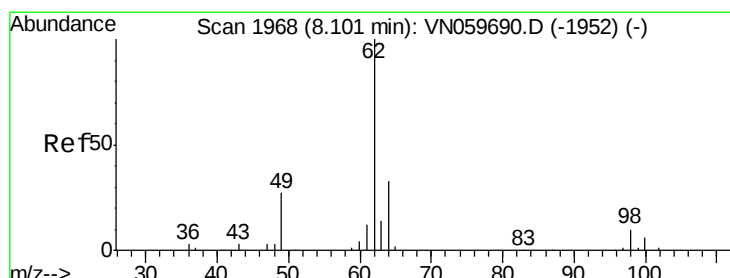
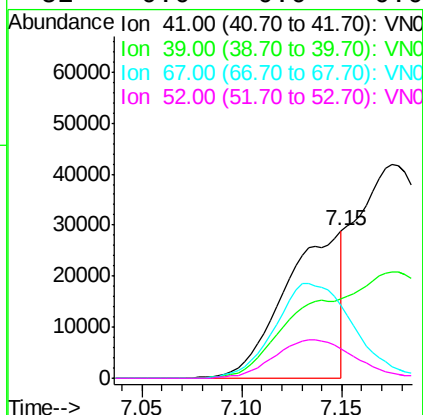
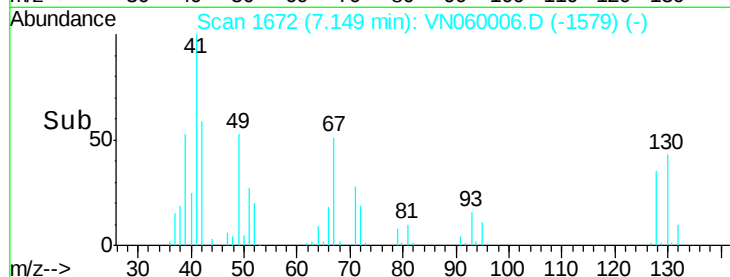
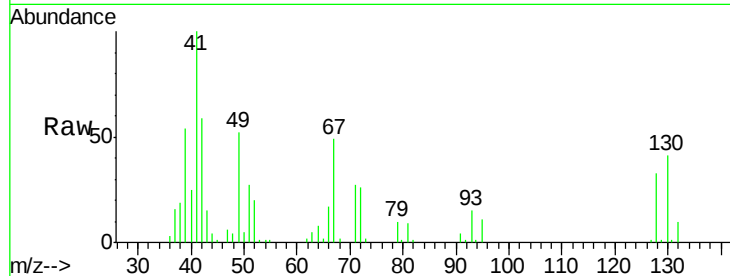
#41
Methacrylonitrile
Concen: 46.748 ug/l m
RT: 7.15 min Scan# 1672
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	165.4	0.0	0.0		
67	0.0	0.0	0.0		
52	0.0	0.0	0.0		

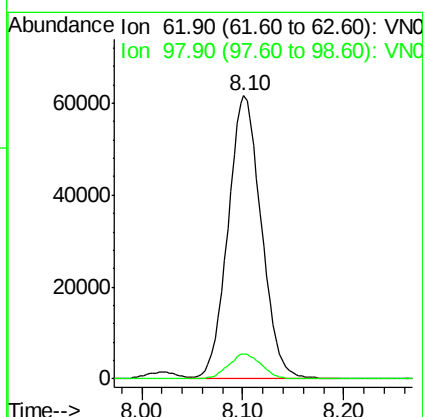
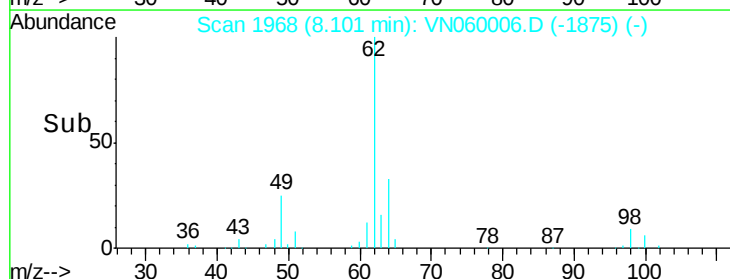
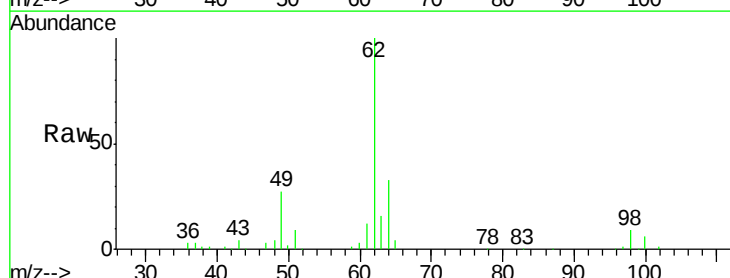
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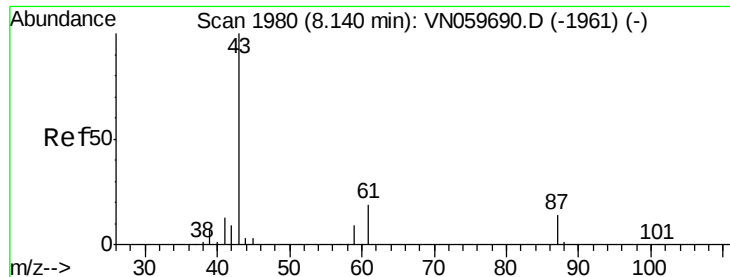
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#42
1,2-Dichloroethane
Concen: 52.931 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	8.7	0.0	15.8		





#43

Isopropyl Acetate

Concen: 50.031 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Instrument :

MSVOA_N

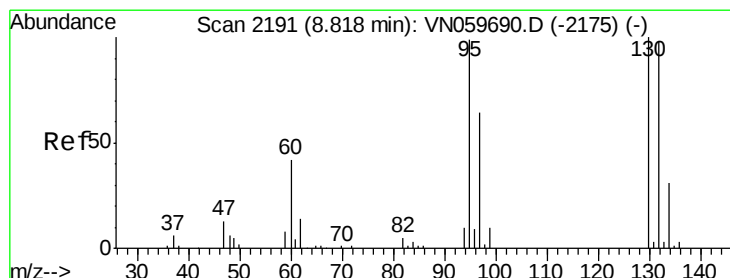
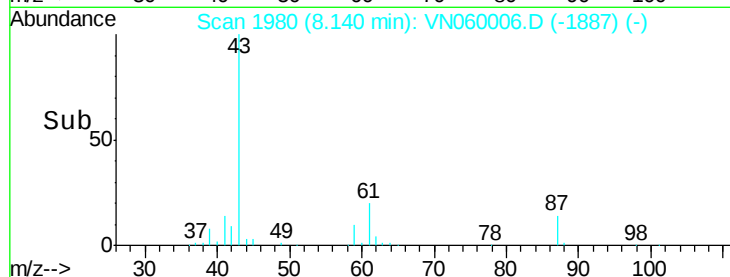
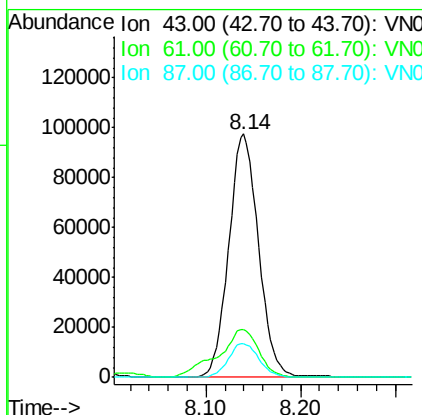
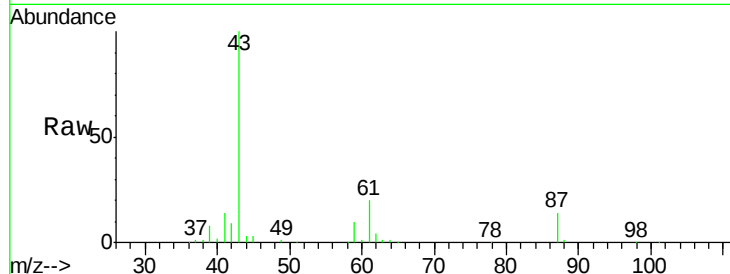
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	213534
Ion	Ratio	Lower	Upper
43	100		
61	27.0	20.2	30.2
87	14.1	9.5	14.3

Manual Integrations
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#44

Trichloroethene

Concen: 50.408 ug/l

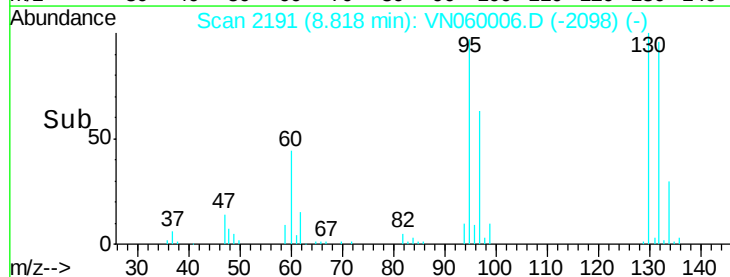
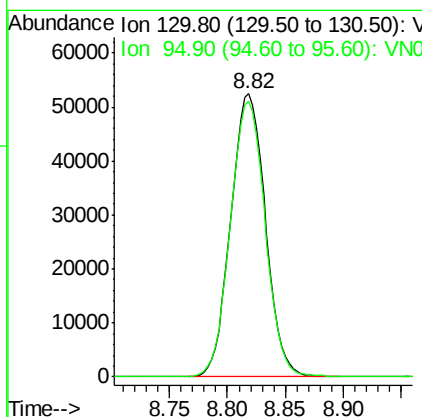
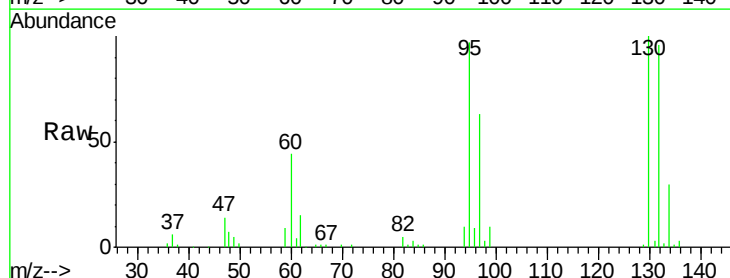
RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Tgt Ion:	130	Resp:	108577
Ion	Ratio	Lower	Upper
130	100		
95	97.5	0.0	207.0





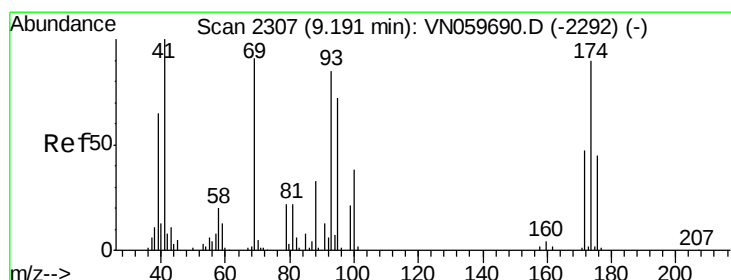
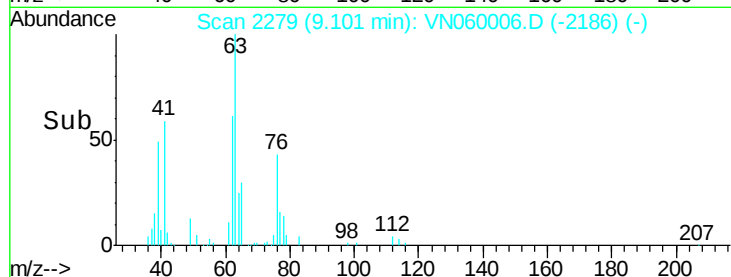
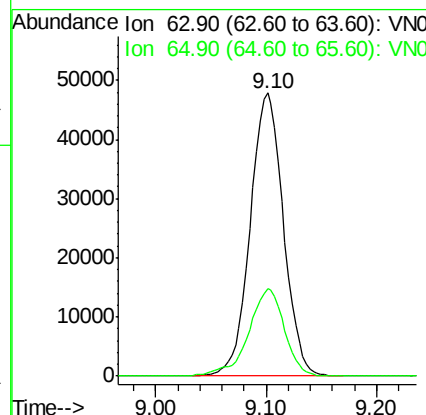
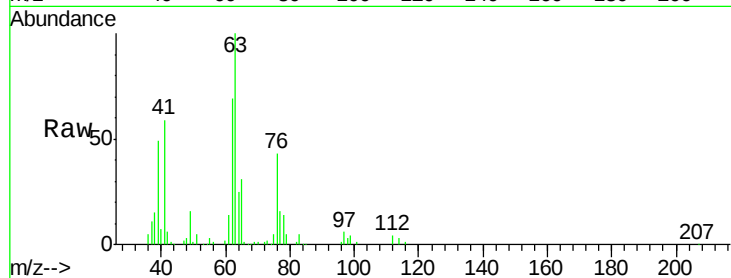
#45
 1,2-Dichloropropane
 Concen: 50.945 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN060006.D
 Acq: 6 Feb 2020 9:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.9	37.3

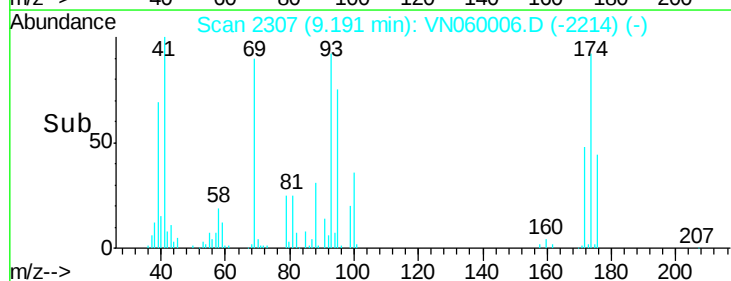
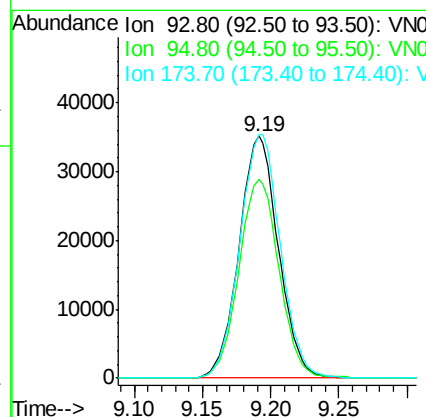
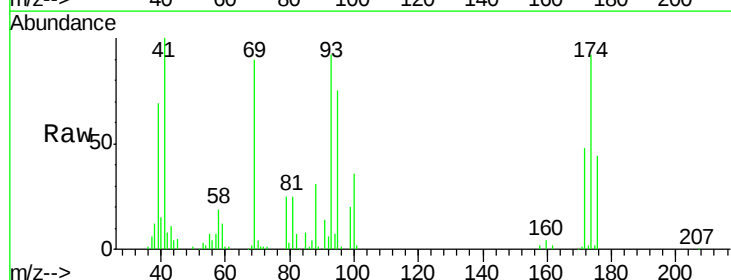
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#46
 Dibromomethane
 Concen: 51.094 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN060006.D
 Acq: 6 Feb 2020 9:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	67.0	100.6
174	103.7	73.4	110.2





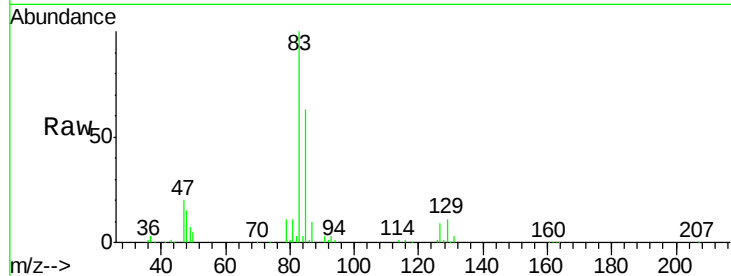
#47
Bromodichloromethane
Concen: 52.822 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

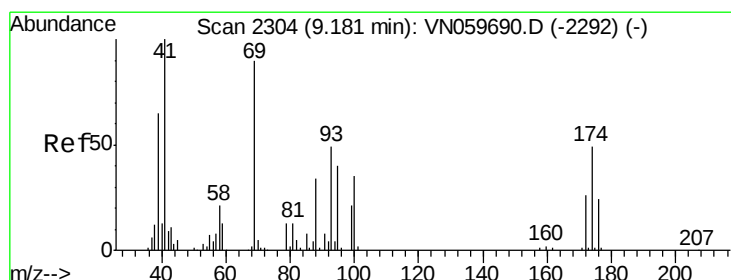
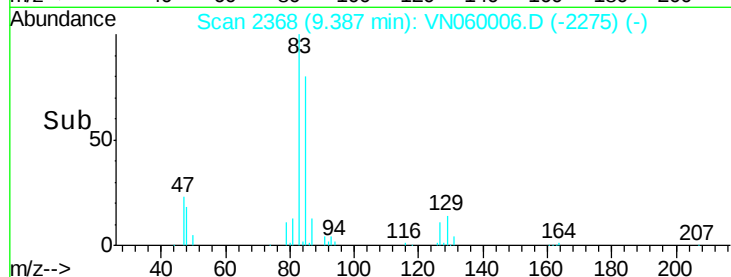
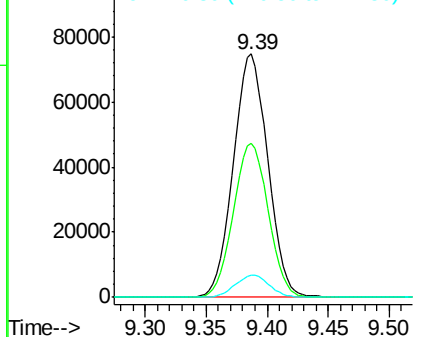
Tot Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.1	76.7
127	8.9	6.6	9.8

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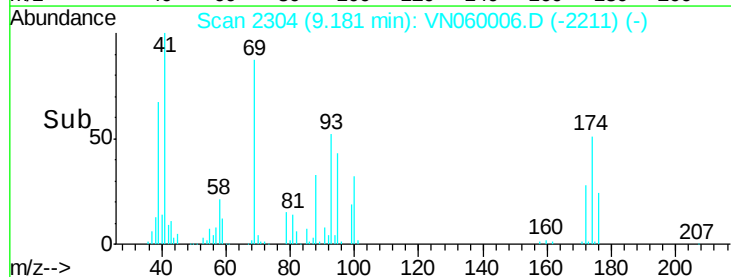
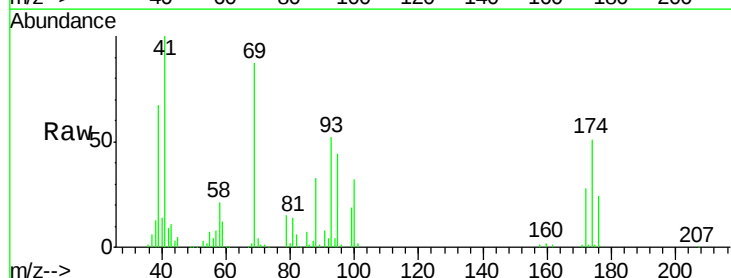
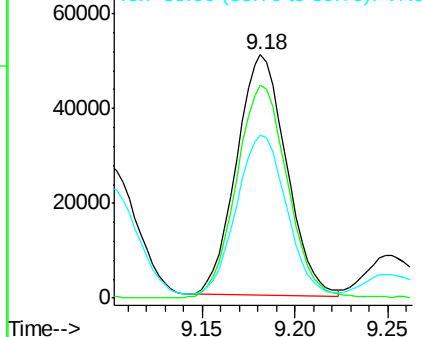
Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0



#48
Methyl methacrylate
Concen: 49.687 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Tgt Ion	Ratio	Lower	Upper
41	100		
69	90.7	64.4	96.6
39	69.5	51.3	76.9

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





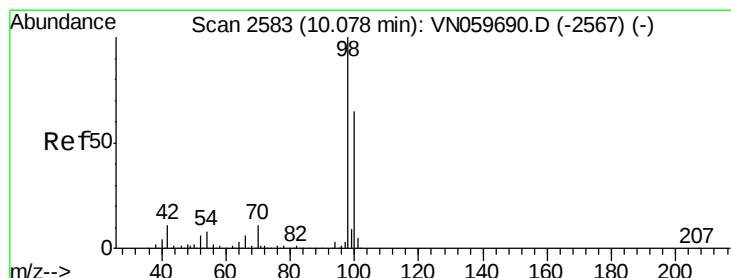
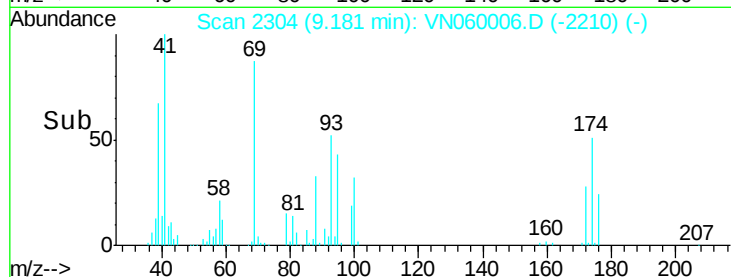
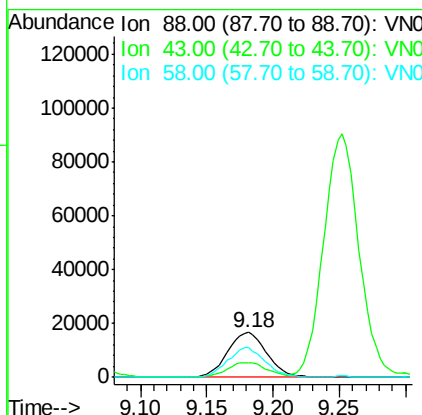
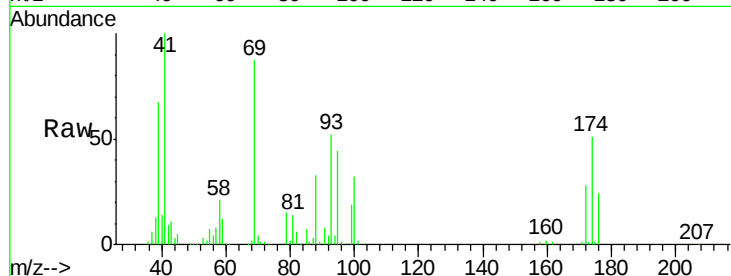
#49
1,4-Dioxane
Concen: 979.125 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.7	29.7	44.5
58	64.0	56.6	85.0

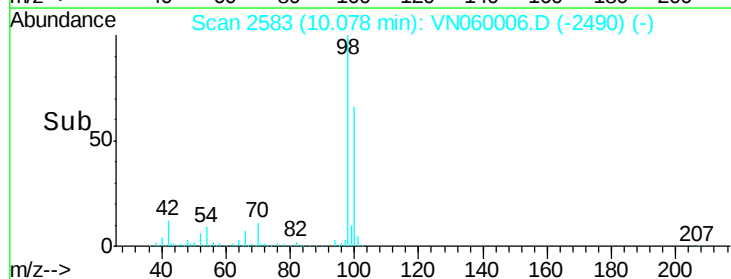
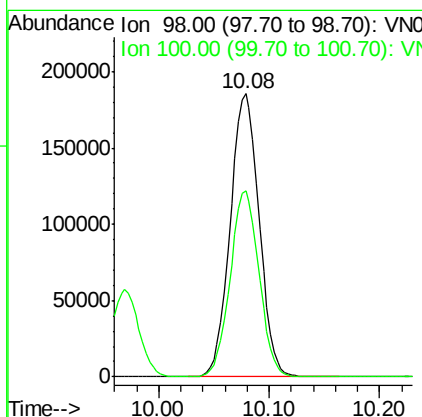
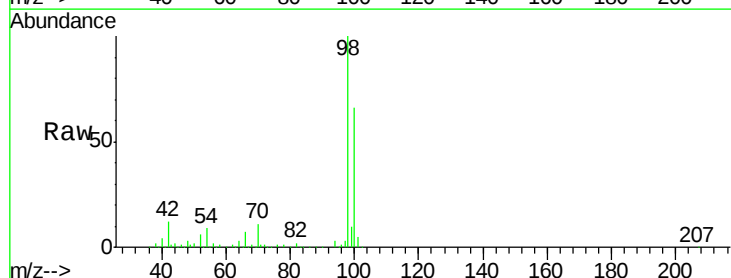
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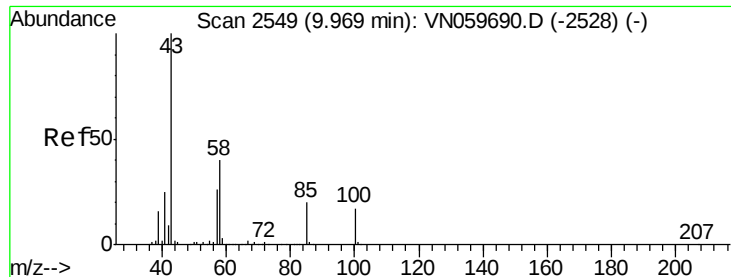
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#50
Toluene-d8
Concen: 47.999 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 256.128 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 631928

Ion Ratio Lower Upper

43 100

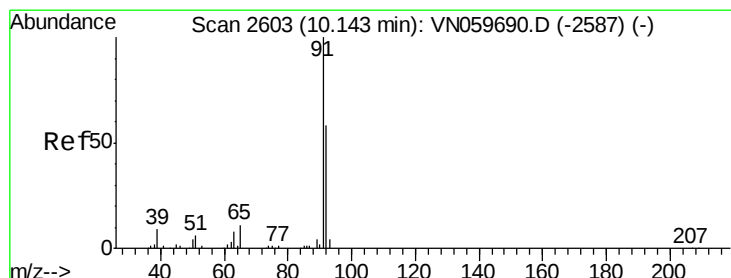
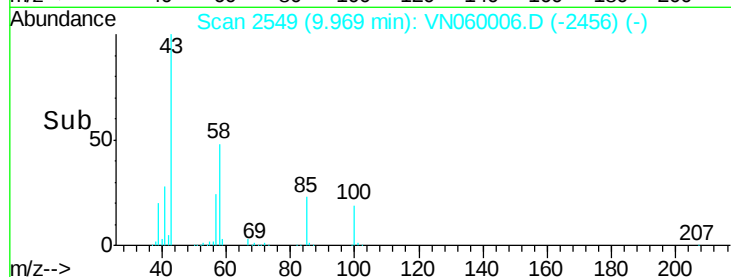
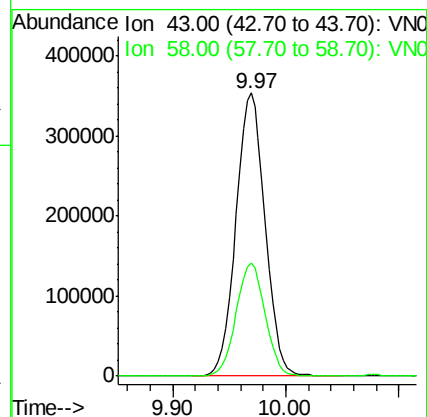
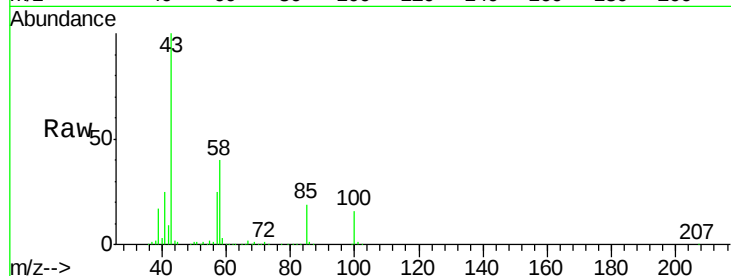
58 39.9 29.8 44.8

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#52

Toluene

Concen: 49.842 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN060006.D

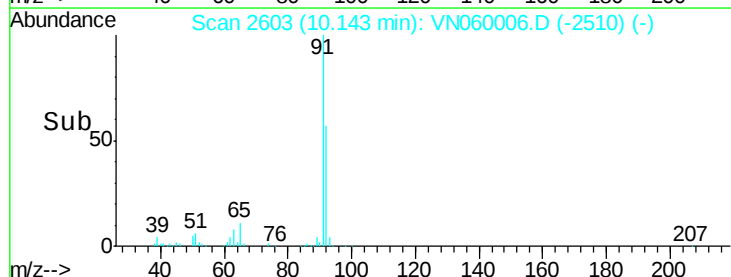
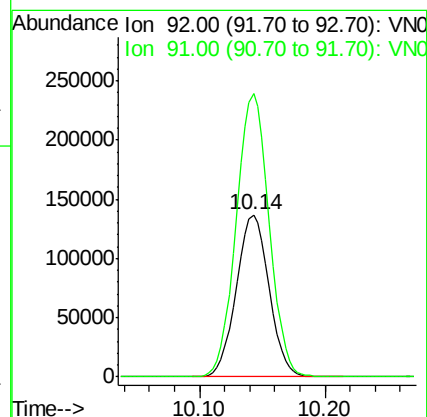
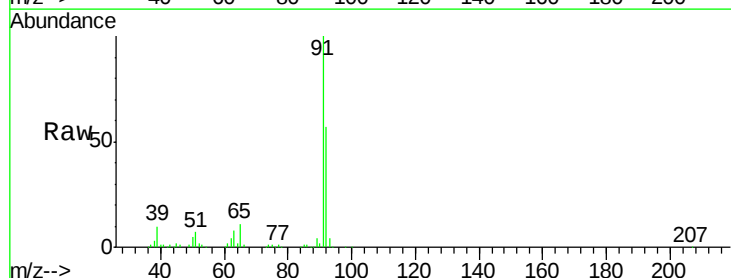
Acq: 6 Feb 2020 9:51

Tgt Ion: 92 Resp: 248404

Ion Ratio Lower Upper

92 100

91 175.3 140.4 210.6





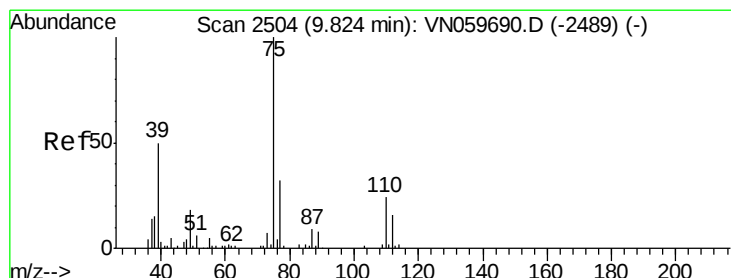
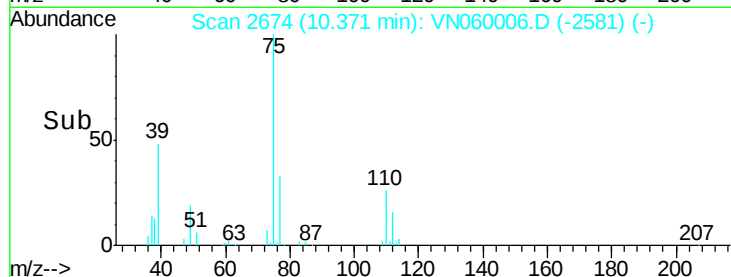
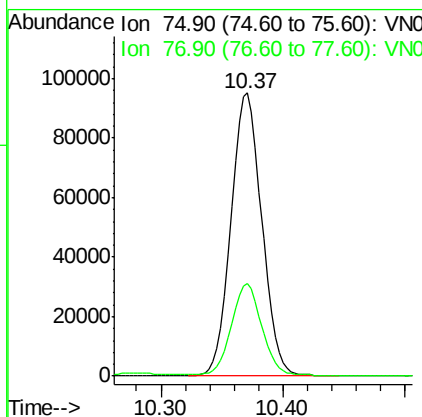
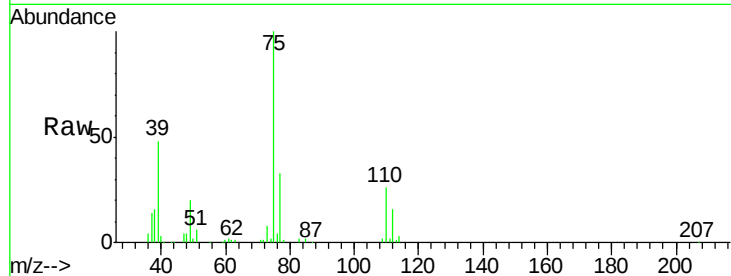
#53
t-1,3-Dichloropropene
Concen: 54.034 ug/l
RT: 10.37 min Scan# 2674
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.4	38.2

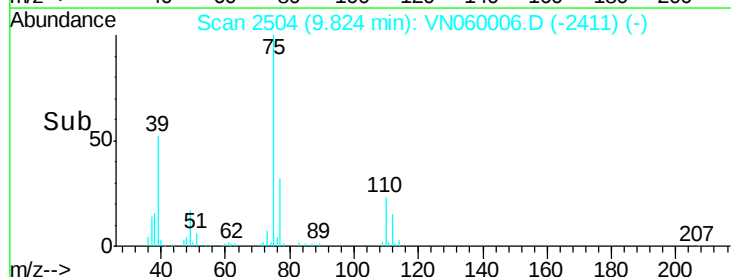
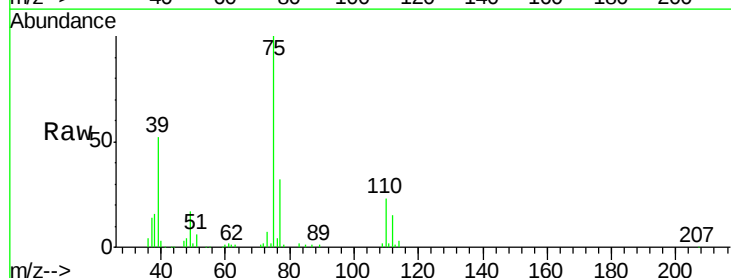
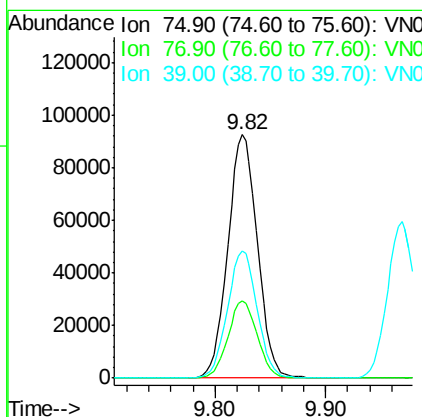
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#54
cis-1,3-Dichloropropene
Concen: 52.717 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.1	37.7
39	52.2	46.1	69.1





#55

1,1,2-Trichloroethane

Concen: 51.408 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Instrument :

MSVOA_N

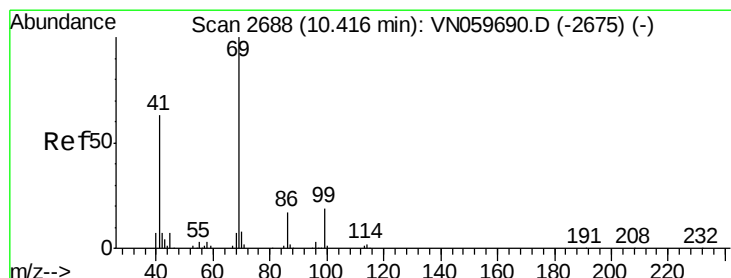
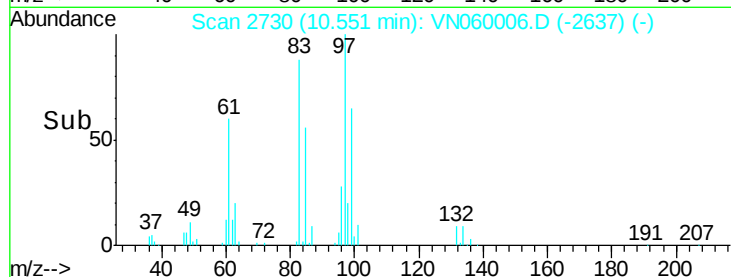
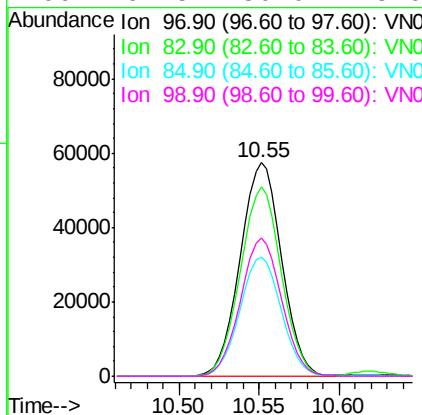
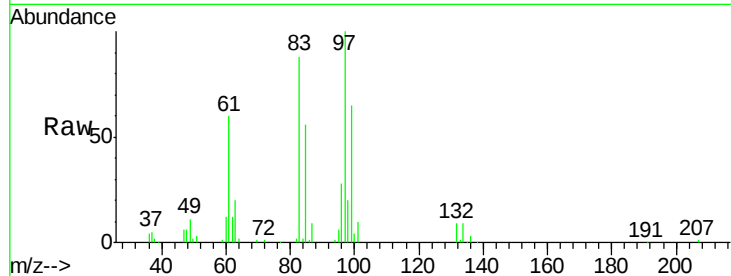
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	101474
Ion	Ratio	Lower	Upper
97	100		
83	88.4	71.3	106.9
85	55.9	45.8	68.8
99	64.5	50.0	75.0

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#56

Ethyl methacrylate

Concen: 50.438 ug/l

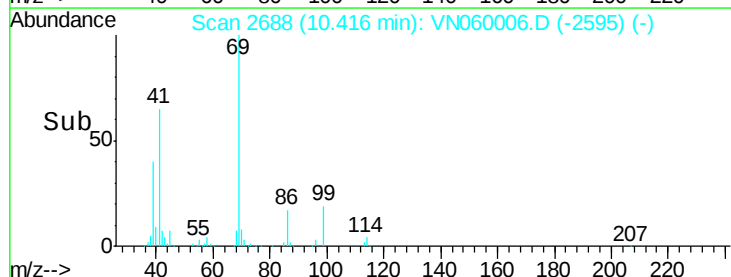
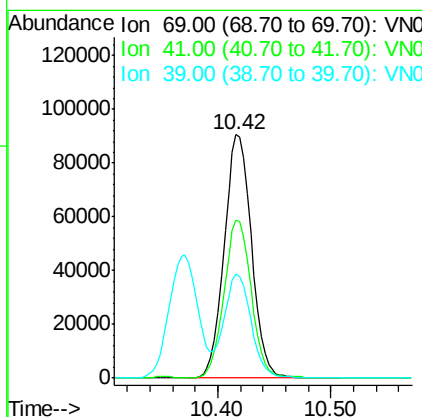
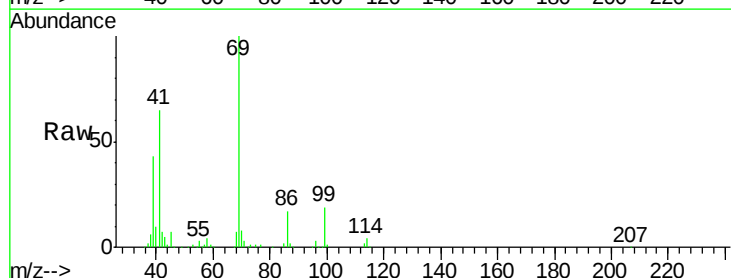
RT: 10.42 min Scan# 2688

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Tgt Ion:	69	Resp:	152127
Ion	Ratio	Lower	Upper
69	100		
41	63.9	57.1	85.7
39	42.4	34.7	52.1





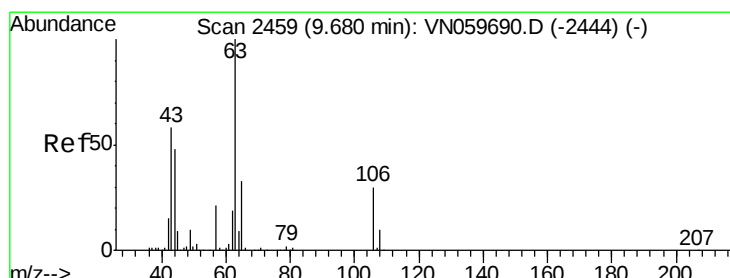
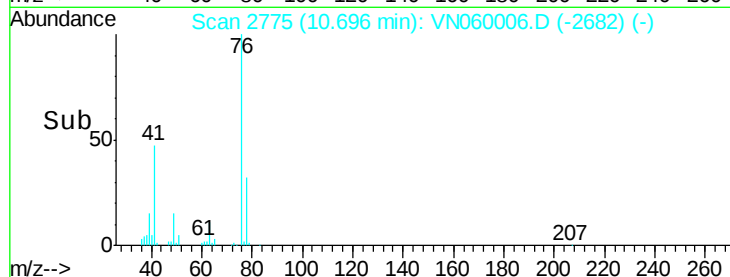
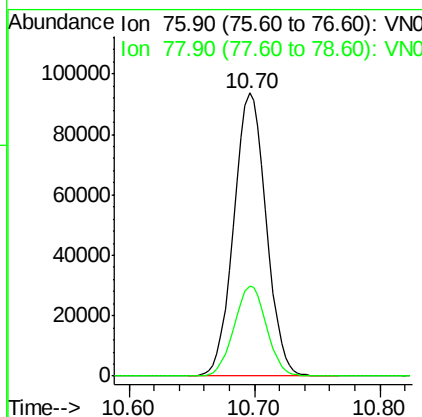
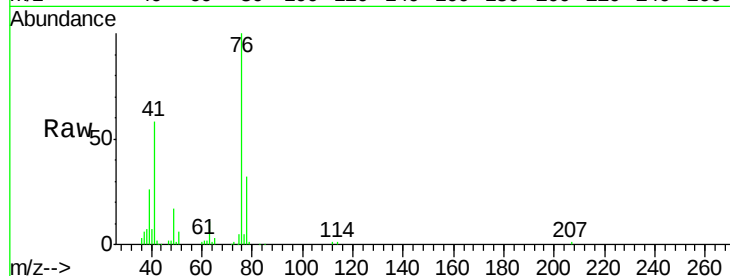
#57
 1,3-Dichloropropane
 Concen: 53.606 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. 0.00 min
 Lab File: VN060006.D
 Acq: 6 Feb 2020 9:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.8	38.8

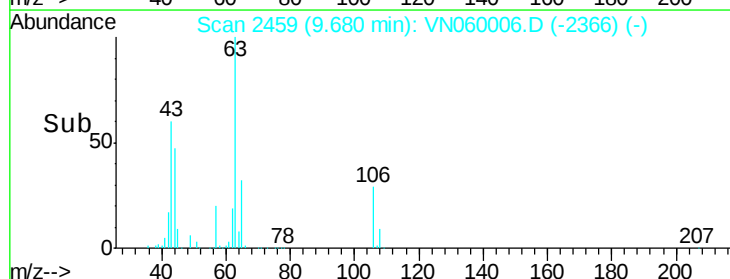
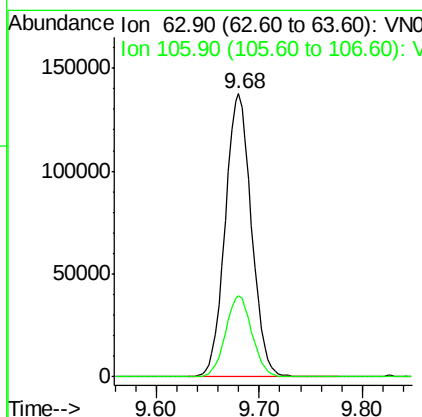
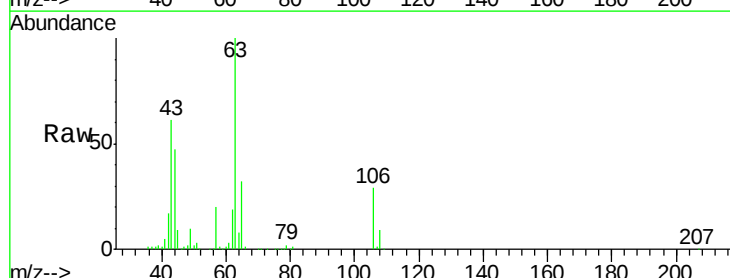
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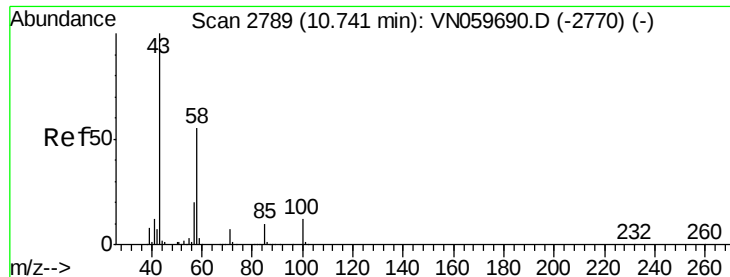
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#58
 2-Chloroethyl Vinyl ether
 Concen: 268.449 ug/l
 RT: 9.68 min Scan# 2459
 Delta R.T. 0.00 min
 Lab File: VN060006.D
 Acq: 6 Feb 2020 9:51

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.8	20.2	30.2





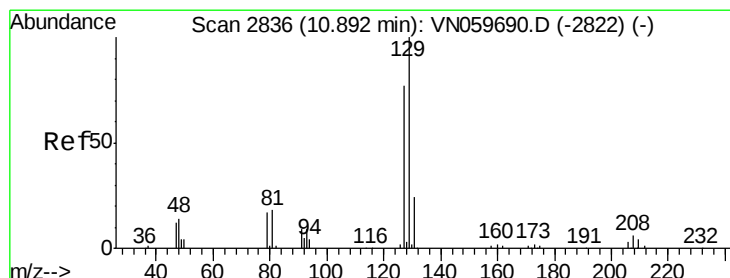
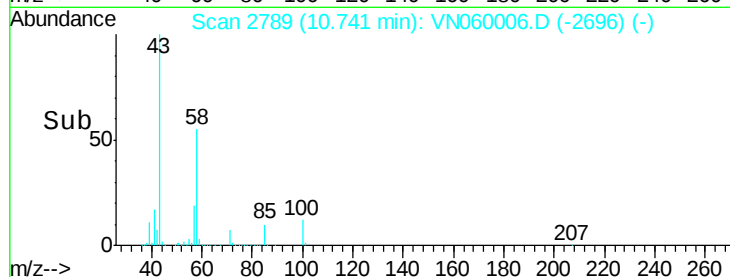
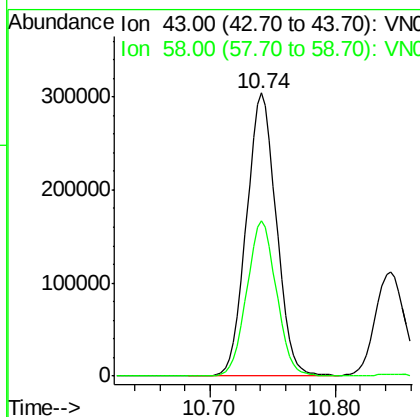
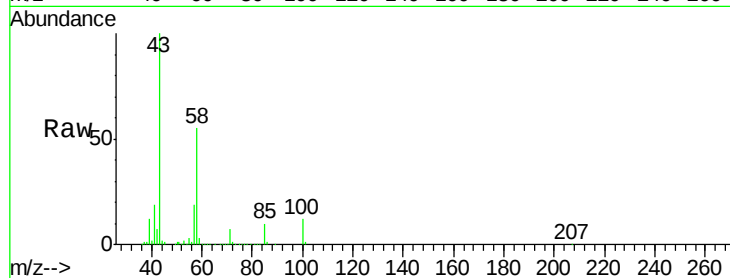
#59
2-Hexanone
Concen: 277.562 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 504502
Ion Ratio Lower Upper
43 100
58 54.5 25.8 77.3

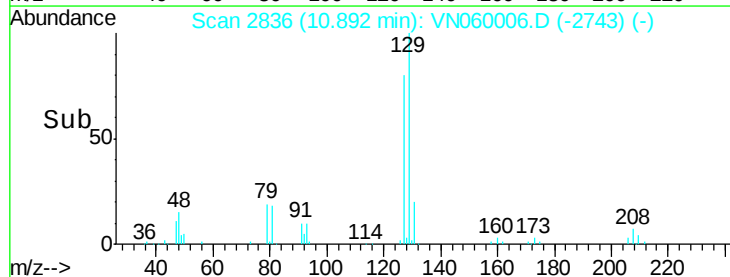
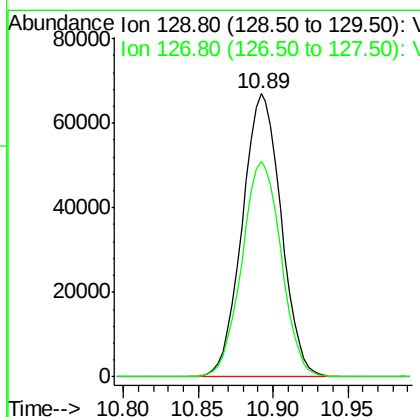
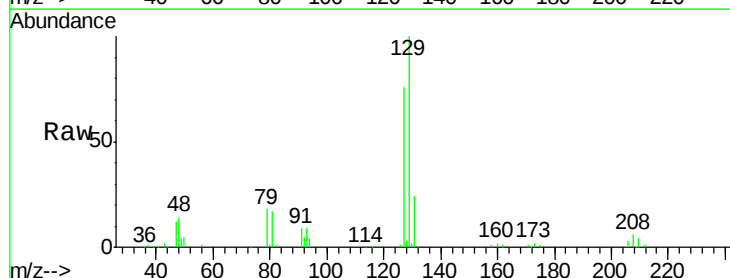
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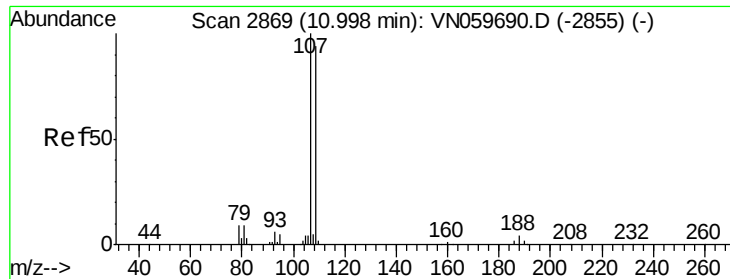
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#60
Dibromochloromethane
Concen: 53.835 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Tgt Ion: 129 Resp: 121009
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5





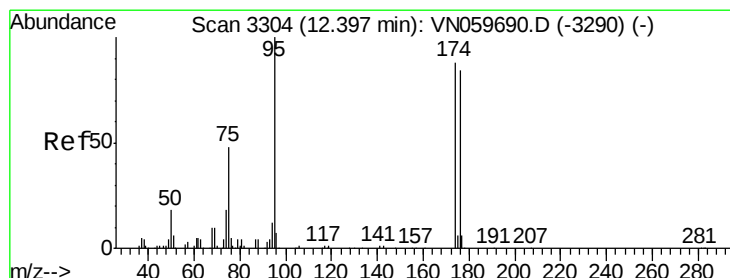
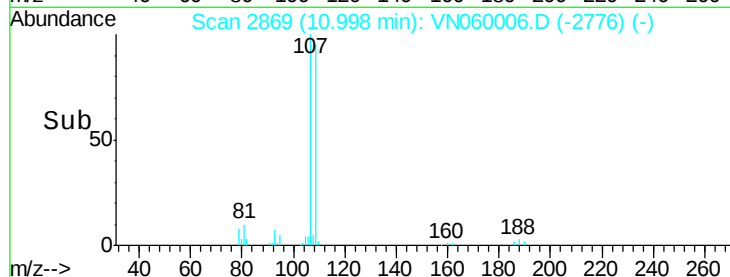
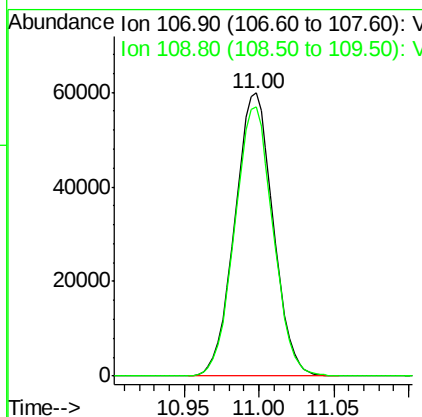
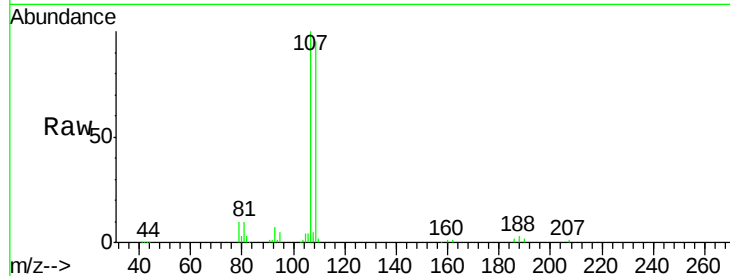
#61
 1,2-Dibromoethane
 Concen: 51.526 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN060006.D
 Acq: 6 Feb 2020 9:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	106600		
109	95.3	76.6	115.0	

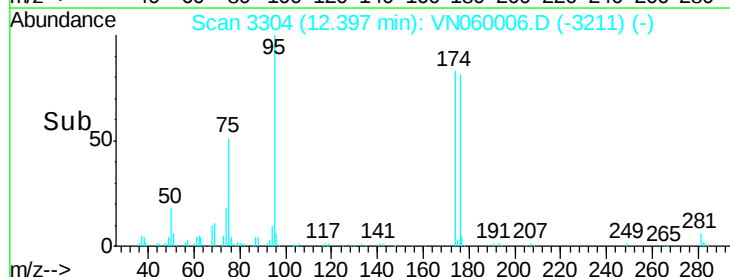
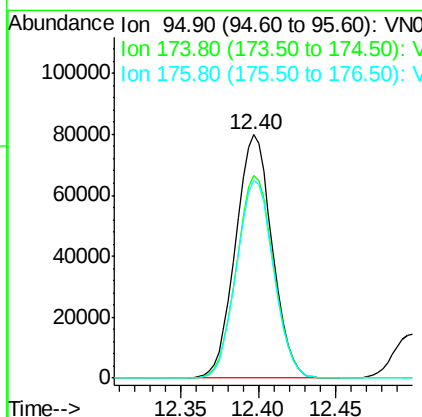
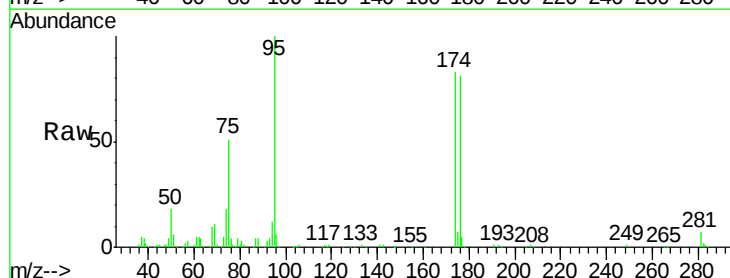
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#62
 4-Bromofluorobenzene
 Concen: 51.881 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060006.D
 Acq: 6 Feb 2020 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	131286		
174	84.3	0.0	151.4	
176	82.1	0.0	146.0	





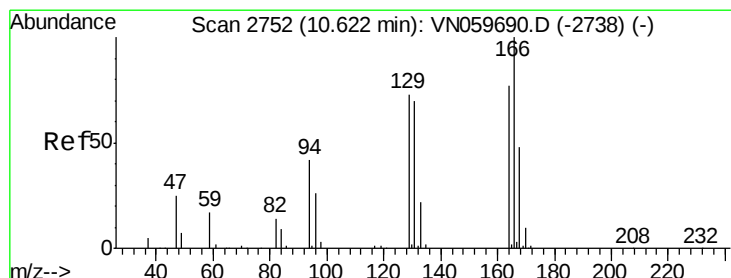
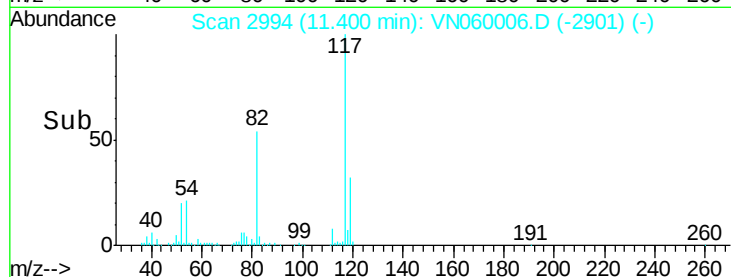
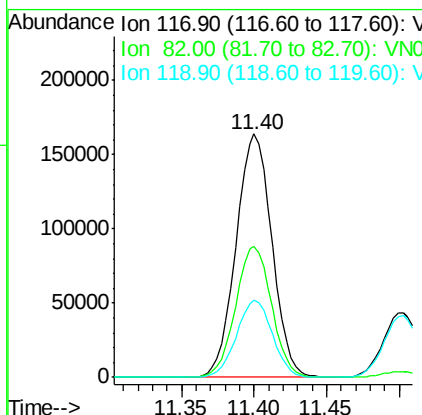
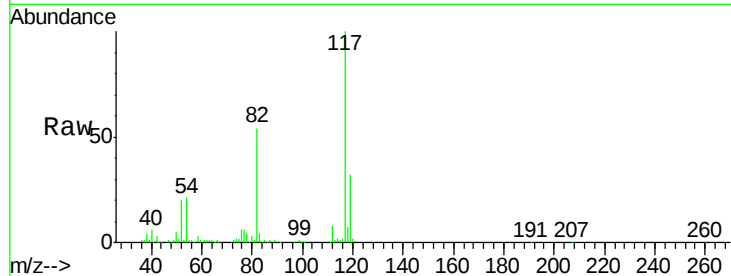
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	45.9	68.9
119	31.6	25.5	38.3

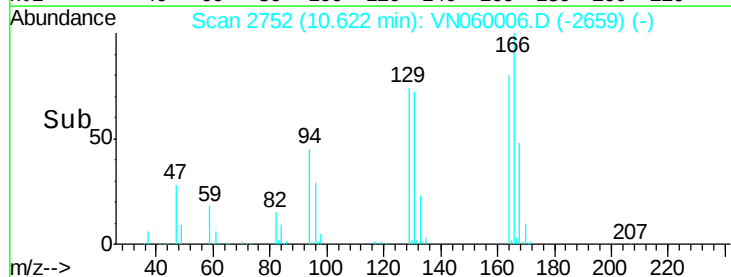
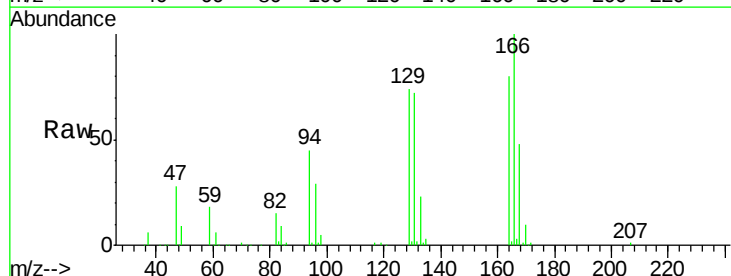
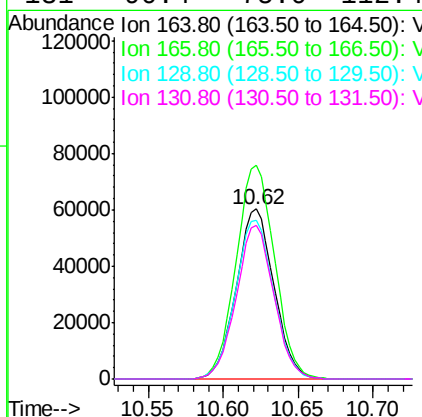
Manual Integrations
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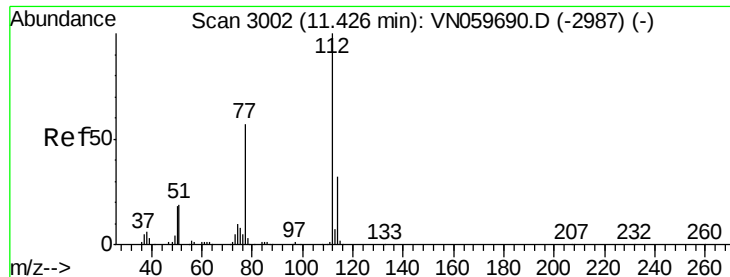
MMDadoda
2/7/2020 1:44:29 PM



#64
Tetrachloroethene
Concen: 46.090 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.6	101.4	152.0
129	93.0	80.2	120.4
131	90.4	75.0	112.4





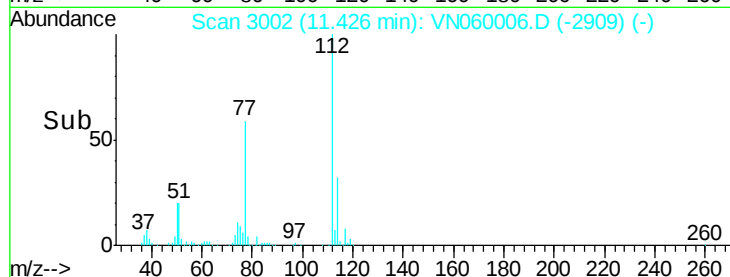
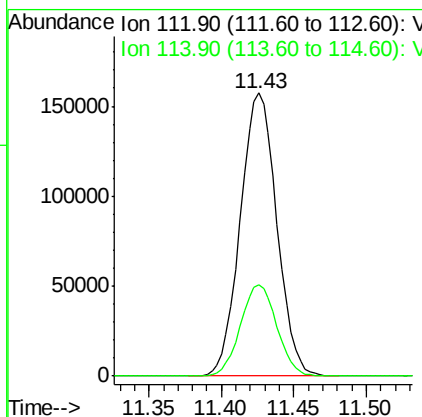
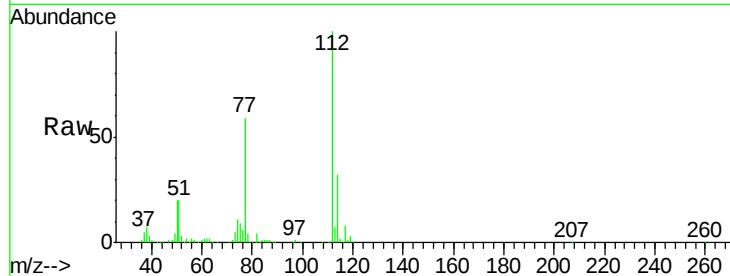
#65
Chlorobenzene
Concen: 49.835 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.8	38.8

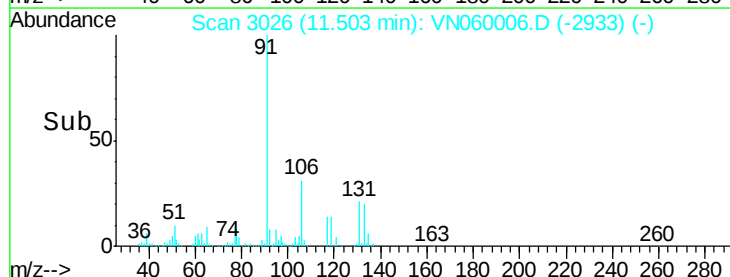
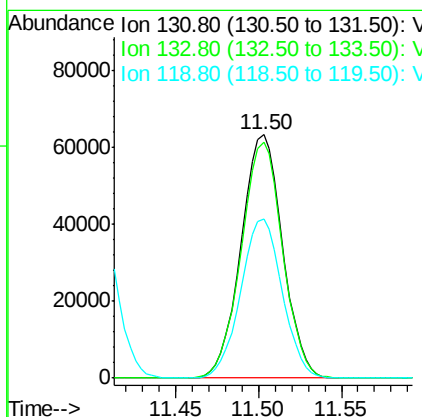
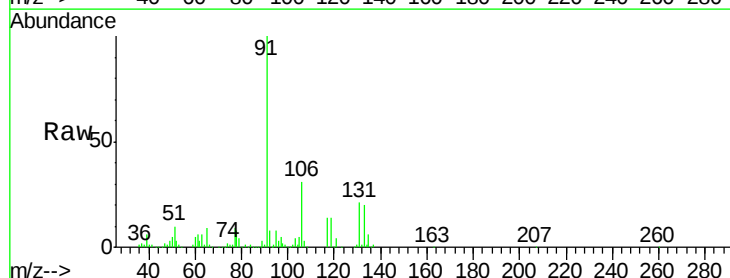
Manual Integrations
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2/7/2020 1:44:29 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.506 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.9	47.4	142.2
119	65.3	33.1	99.3





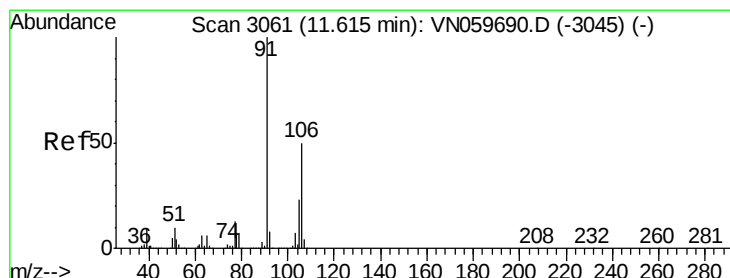
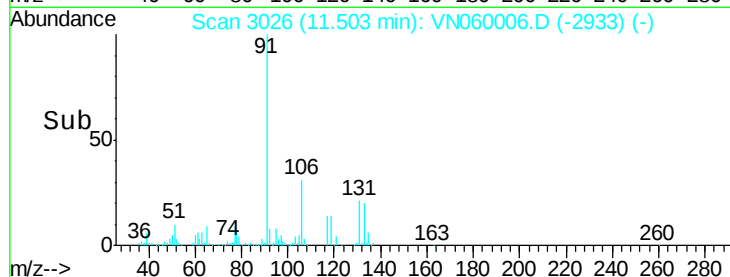
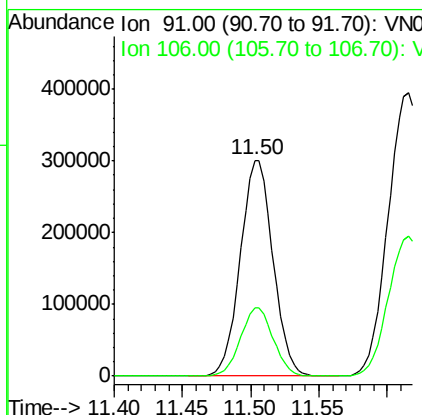
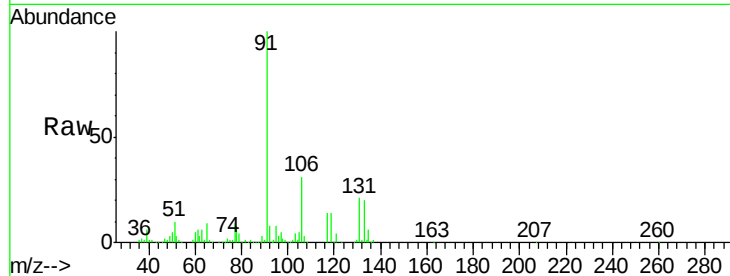
#67
Ethyl Benzene
Concen: 49.730 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	91	Resp	499461
Ion	Ratio	Lower	Upper
91	100		
106	31.4	24.1	36.1

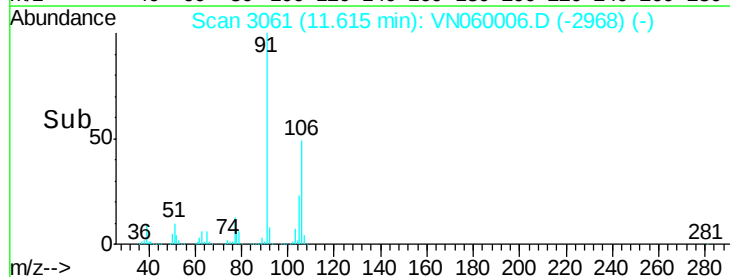
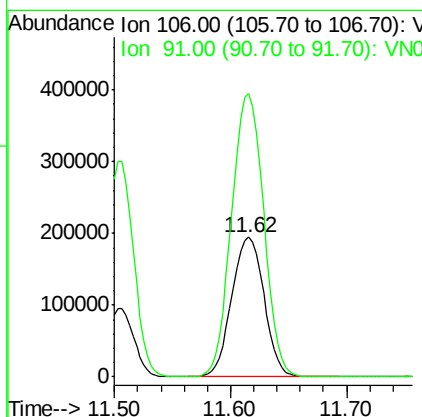
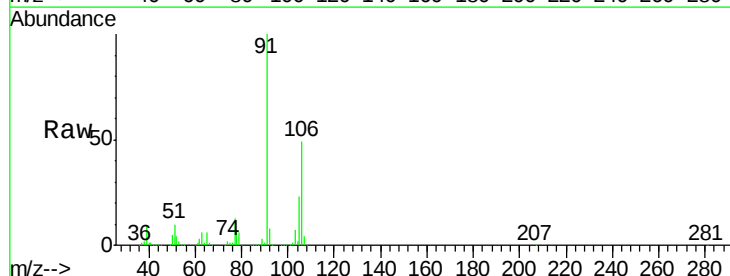
Manual Integrations
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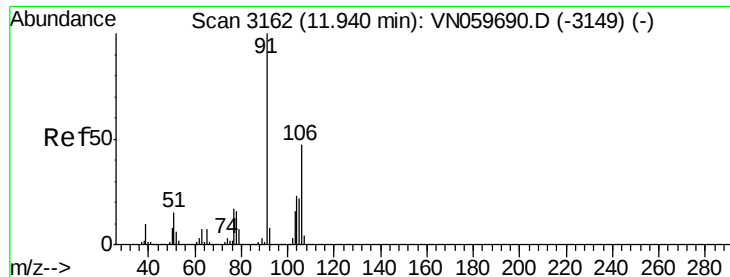
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#68
m/p-Xylenes
Concen: 99.451 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Tgt Ion	106	Resp	377301
Ion	Ratio	Lower	Upper
106	100		
91	201.8	167.9	251.9





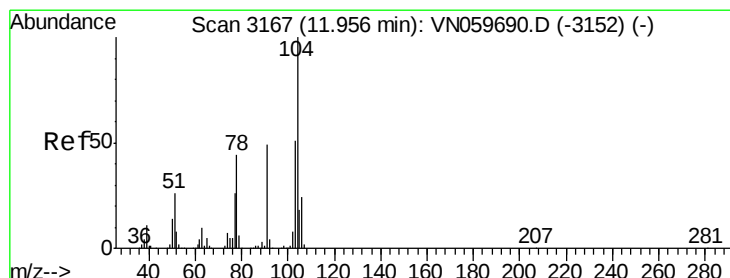
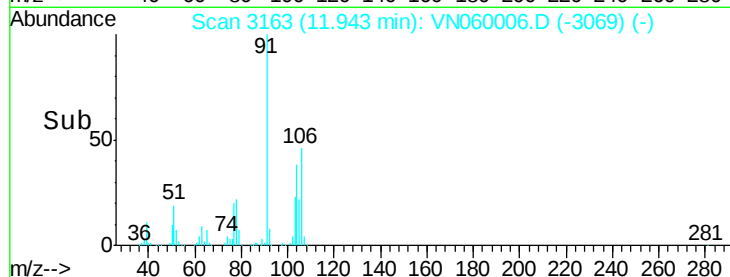
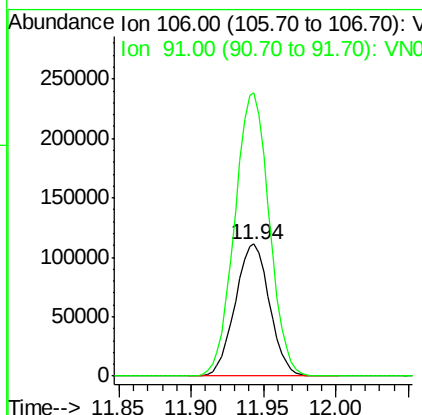
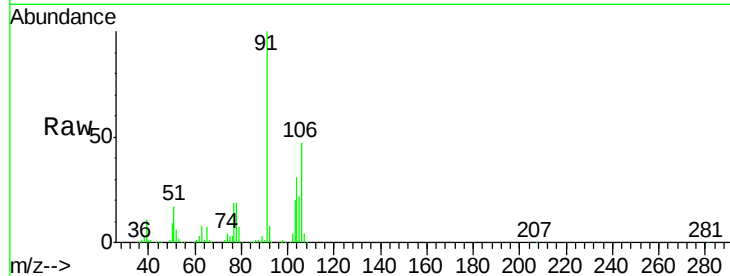
#69
o-Xylene
Concen: 49.342 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	215.8	110.3	330.9	

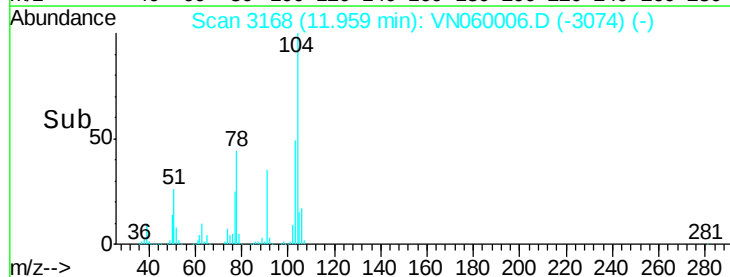
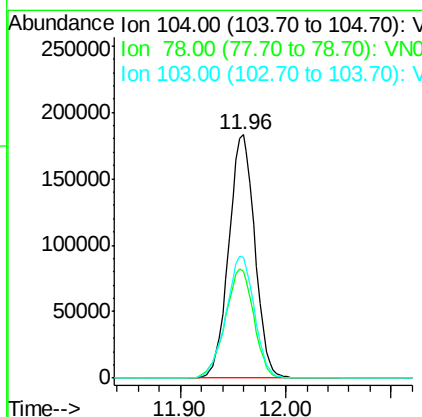
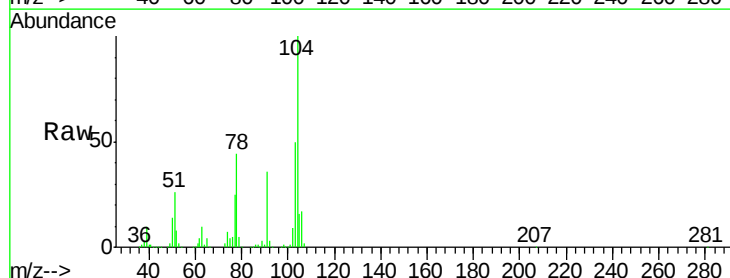
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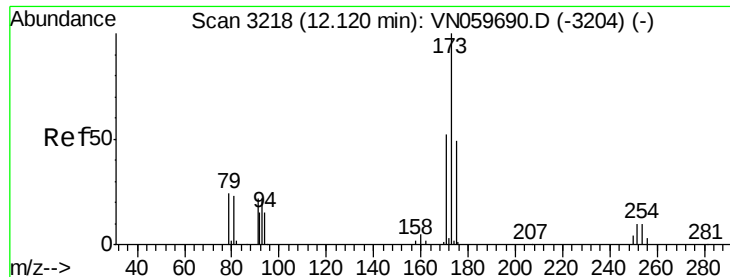
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#70
Styrene
Concen: 50.201 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	49.2	42.4	63.6	
103	54.4	43.9	65.9	





#71

Bromoform

Concen: 53.644 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 91860

Ion Ratio Lower Upper

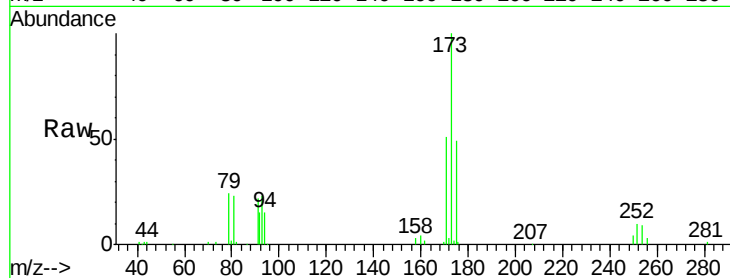
173 100

175 49.2 23.8 71.4

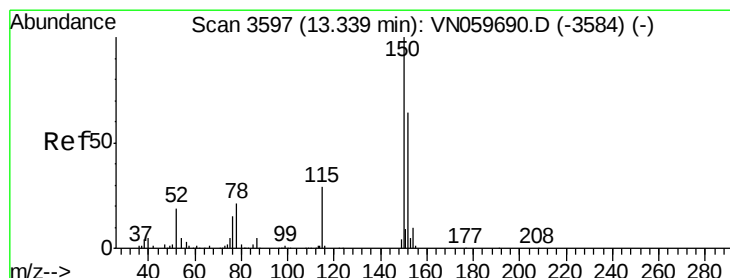
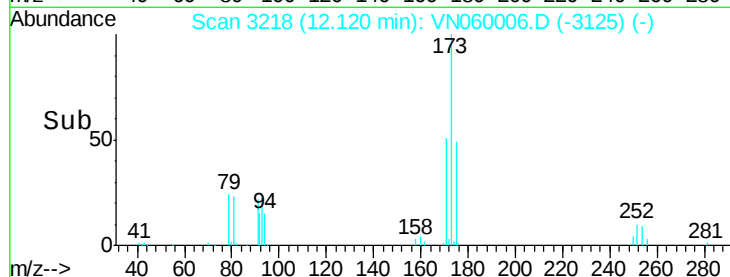
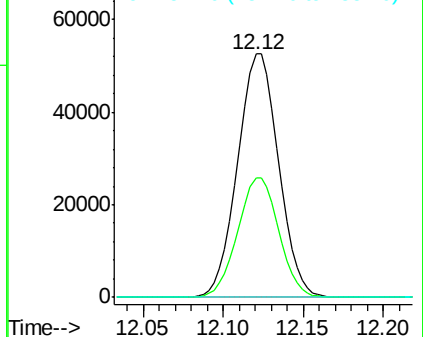
254 0.0 0.0 0.0

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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: VN060006.D

Acq: 6 Feb 2020 9:51

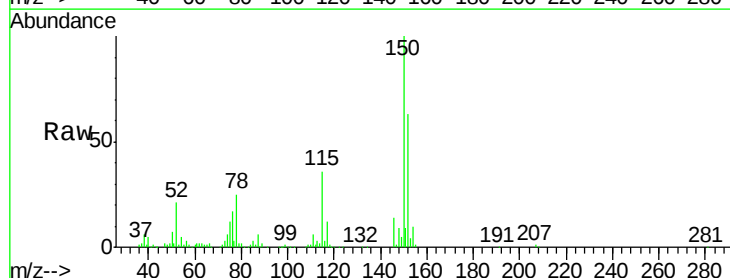
Tgt Ion:152 Resp: 143204

Ion Ratio Lower Upper

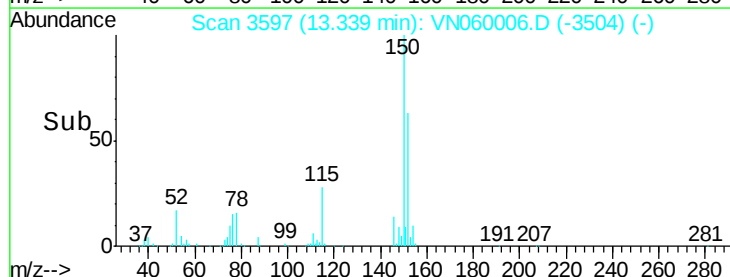
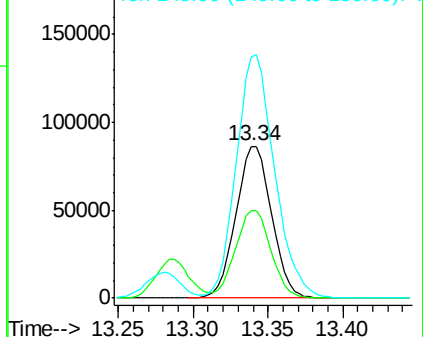
152 100

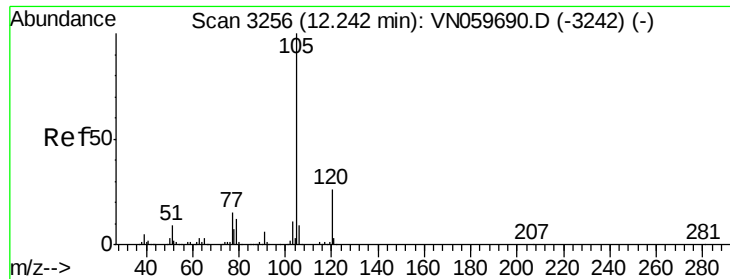
115 57.9 30.3 90.9

150 173.1 0.0 345.2



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





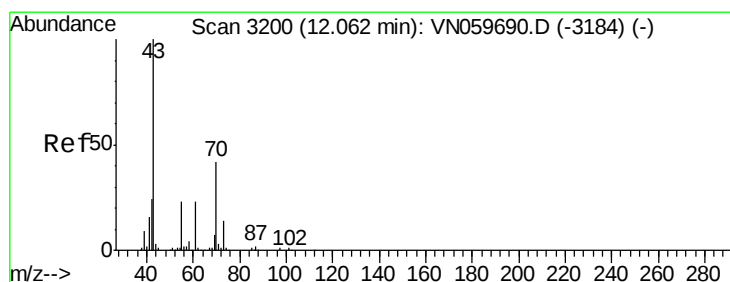
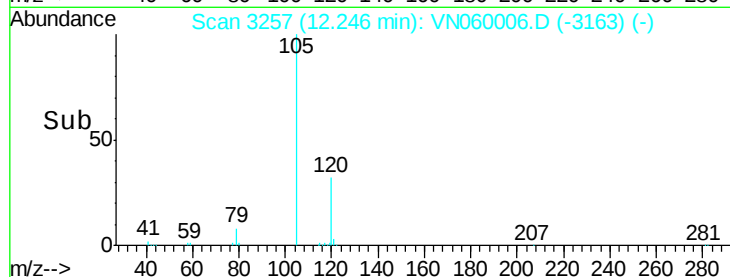
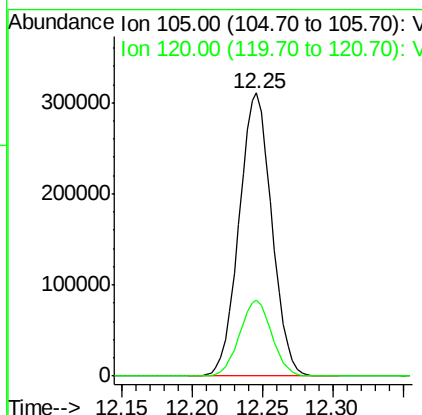
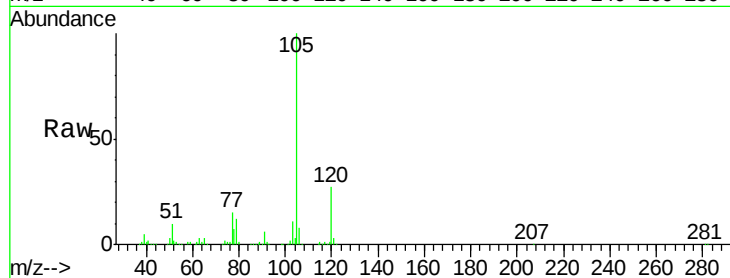
#73
Isopropylbenzene
Concen: 47.896 ug/l
RT: 12.25 min Scan# 3257
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.2	39.5

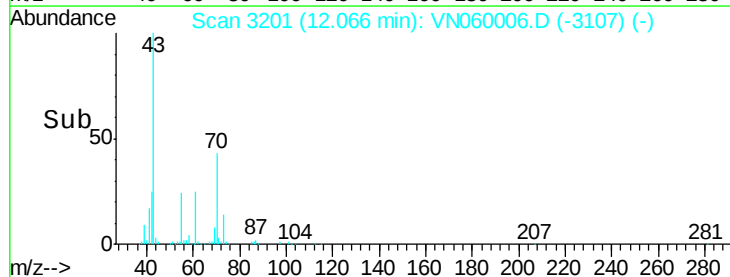
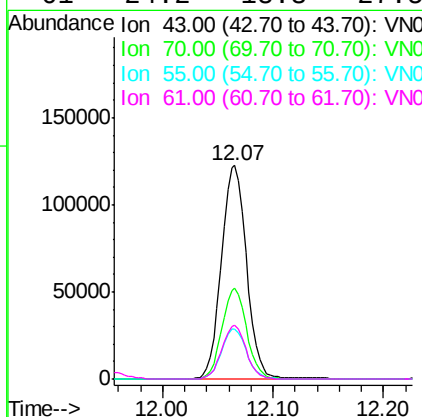
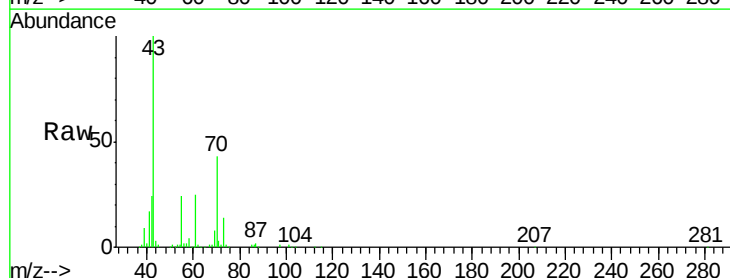
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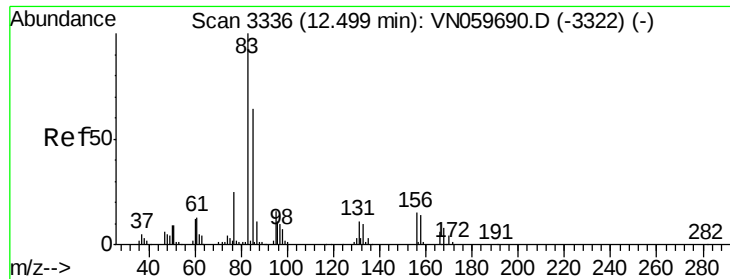
MMDadoda
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#74
N-ethyl acetate
Concen: 47.593 ug/l
RT: 12.07 min Scan# 3201
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Tgt Ion	Ratio	Lower	Upper
43	100		
70	41.8	31.3	46.9
55	23.5	19.8	29.6
61	24.2	18.3	27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 48.694 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 148258

Ion Ratio Lower Upper

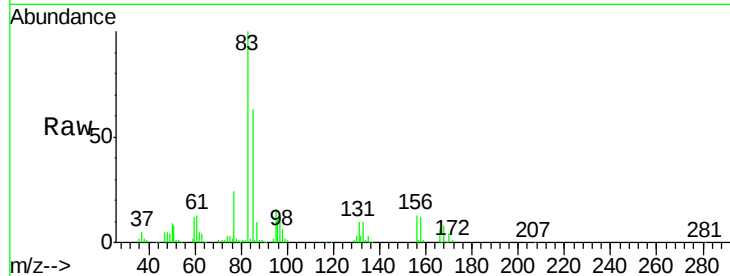
83 100

131 10.4 5.0 14.9

85 64.7 31.9 95.5

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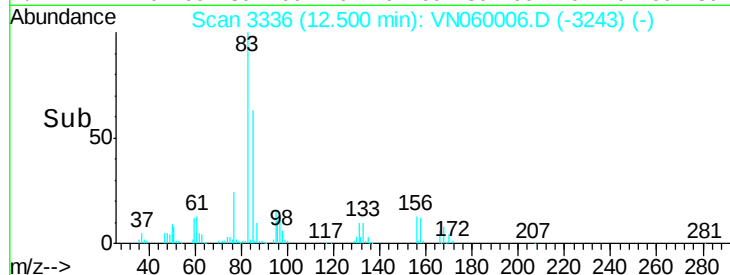


Abundance Ion 82.90 (82.60 to 83.60): VN060006.D (-3243) (-)

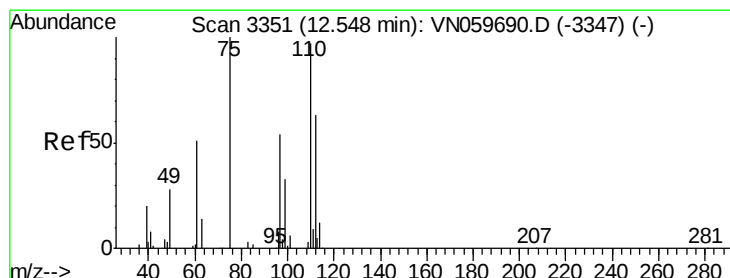
Ion 130.80 (130.50 to 131.50): VN060006.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060006.D (-3243) (-)

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 56.791 ug/l m

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060006.D

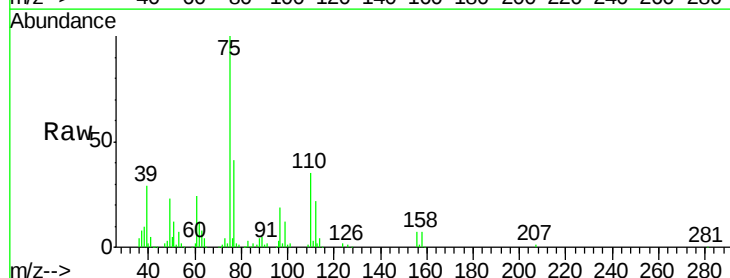
Acq: 6 Feb 2020 9:51

Tgt Ion: 75 Resp: 136865

Ion Ratio Lower Upper

75 100

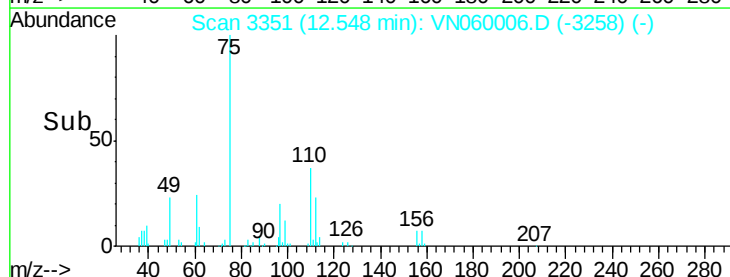
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060006.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060006.D (-3258) (-)

Time-->



Time-->



#77

Bromobenzene

Concen: 48.060 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Instrument :

MSVOA_N

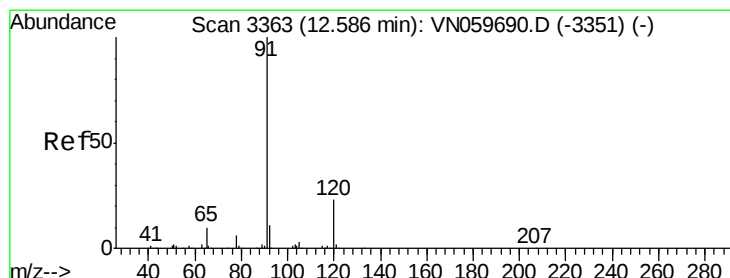
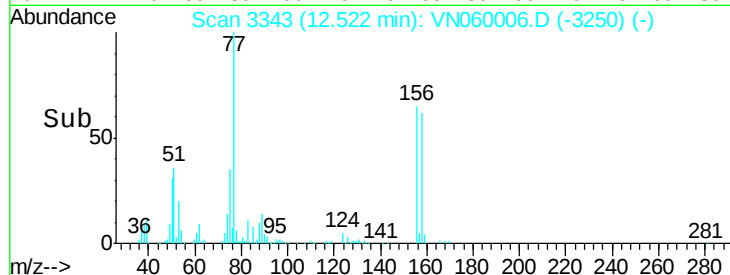
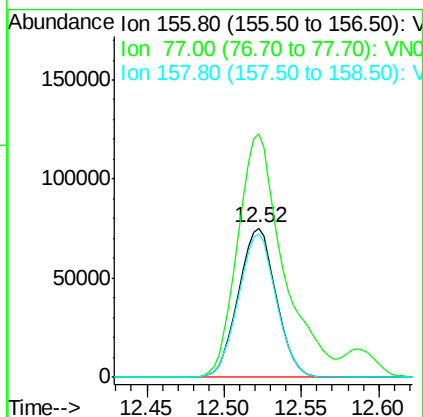
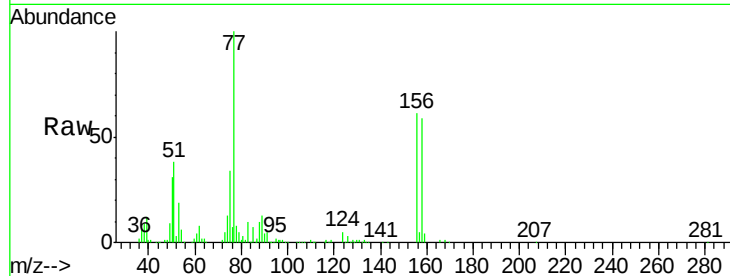
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	127823
Ion Ratio	Lower	Upper	
156	100		
77	198.7	115.8	347.4
158	96.1	49.2	147.6

Manual Integrations
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#78

n-propylbenzene

Concen: 49.027 ug/l

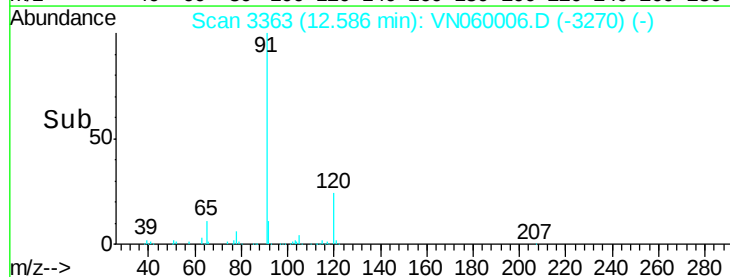
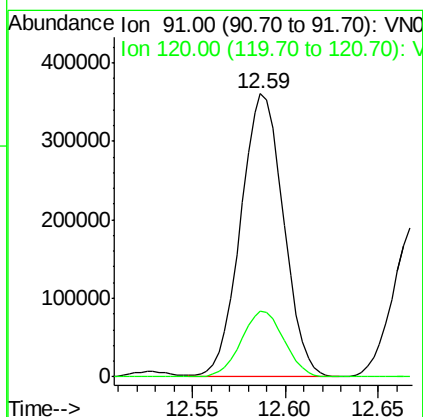
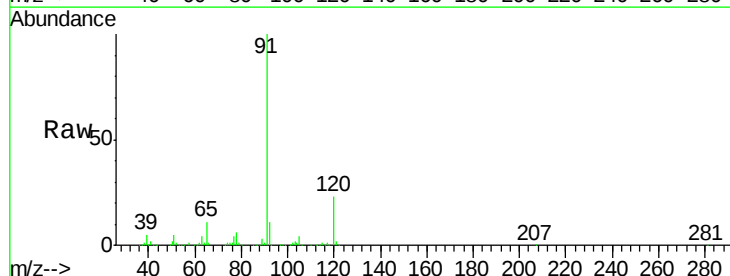
RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Tgt Ion:	91	Resp:	577929
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.1	33.3





#79

2-Chlorotoluene

Concen: 48.635 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 341064

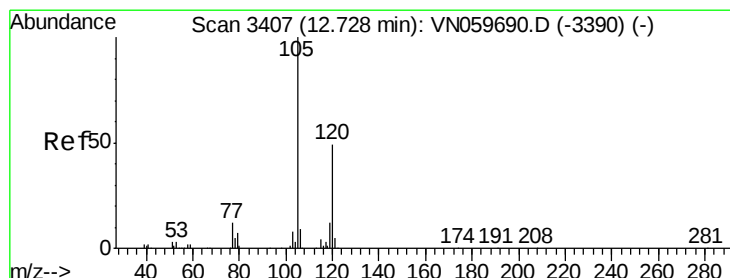
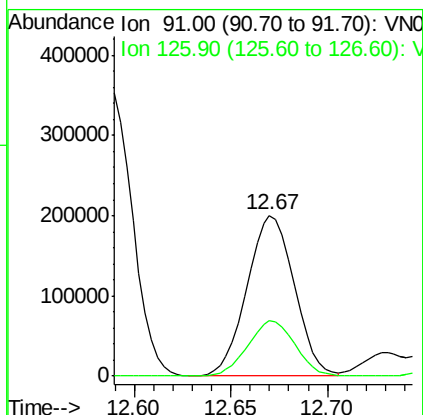
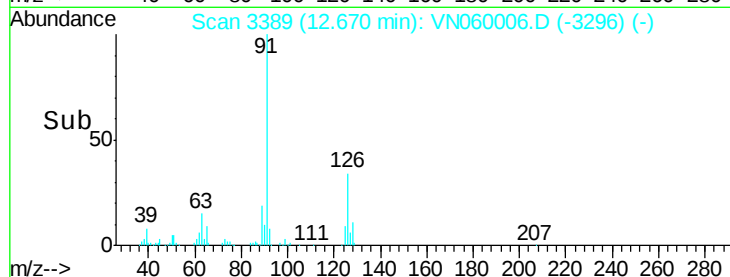
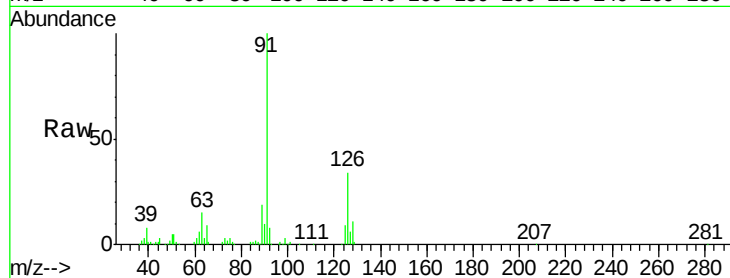
Ion Ratio Lower Upper

91 100

126 34.5 16.3 48.9

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 48.220 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN060006.D

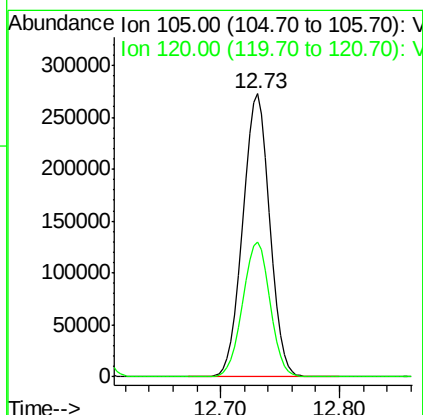
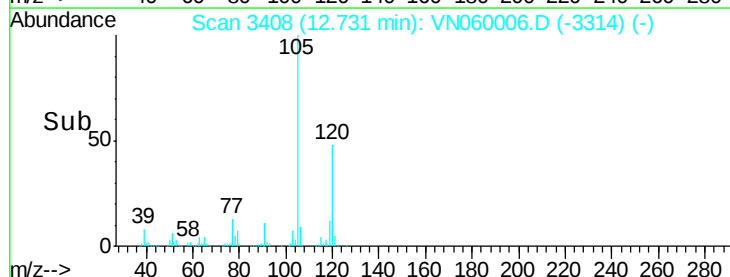
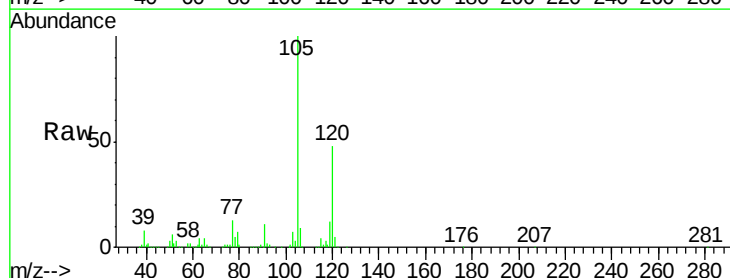
Acq: 6 Feb 2020 9:51

Tgt Ion: 105 Resp: 425909

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 50.210 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Instrument :

MSVOA_N

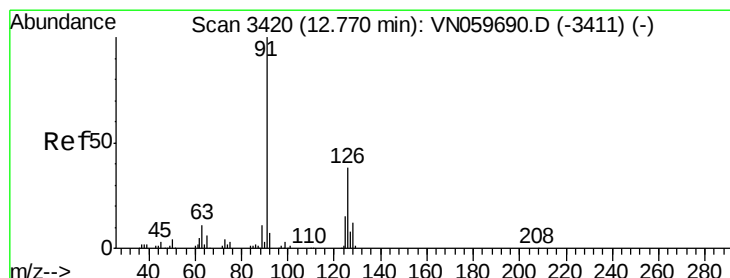
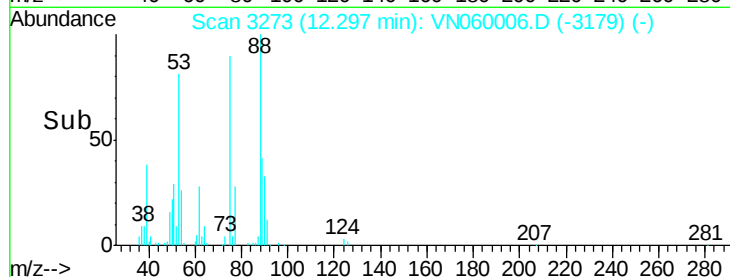
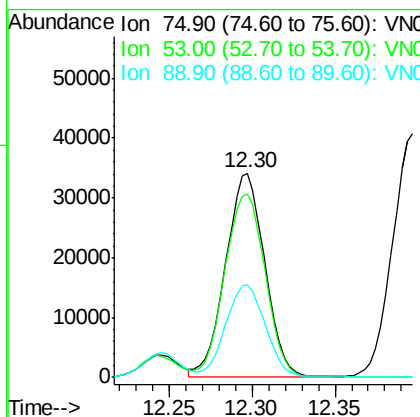
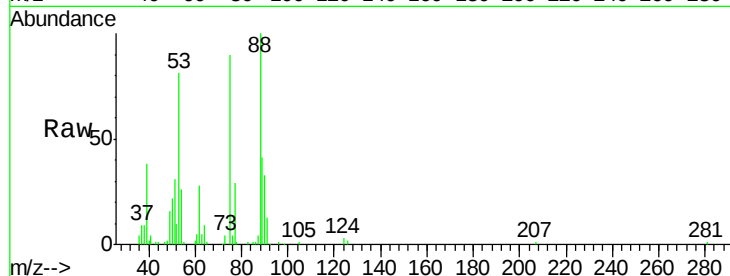
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	56347
Ion	Ratio	Lower	Upper
75	100		
53	93.0	78.1	117.1
89	45.4	35.4	53.2

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#82

4-Chlorotoluene

Concen: 50.092 ug/l

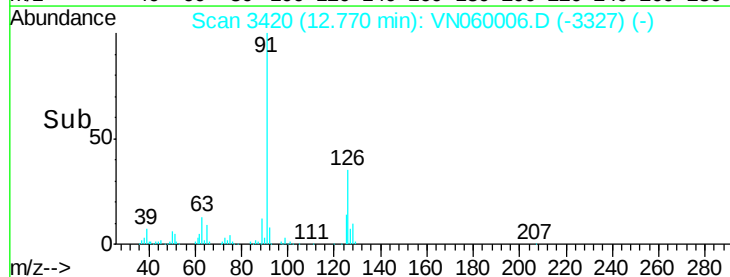
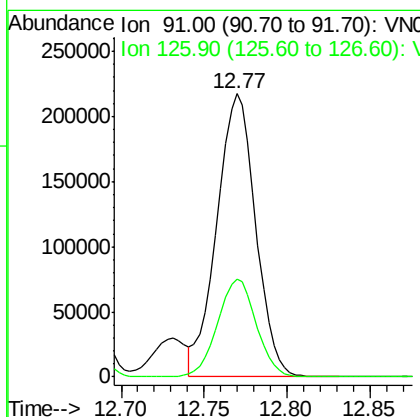
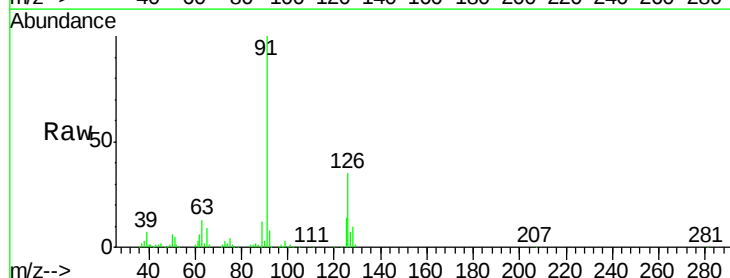
RT: 12.77 min Scan# 3420

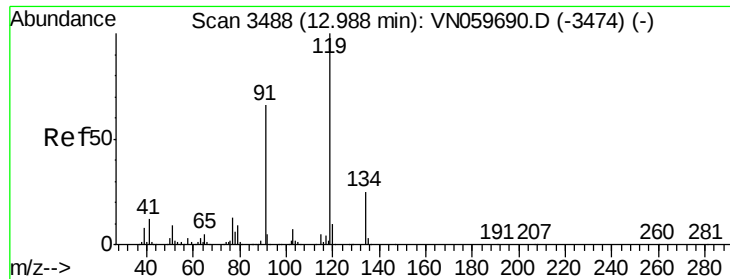
Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Tgt Ion:	91	Resp:	352340
Ion	Ratio	Lower	Upper
91	100		
126	34.5	16.3	48.8





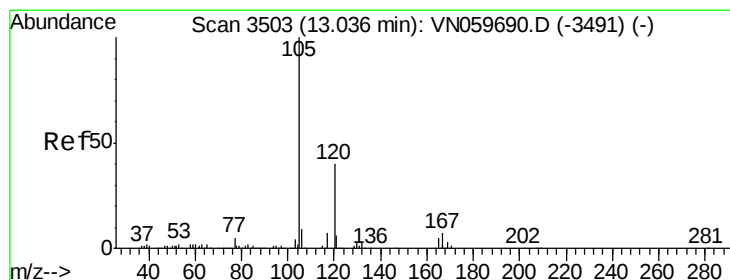
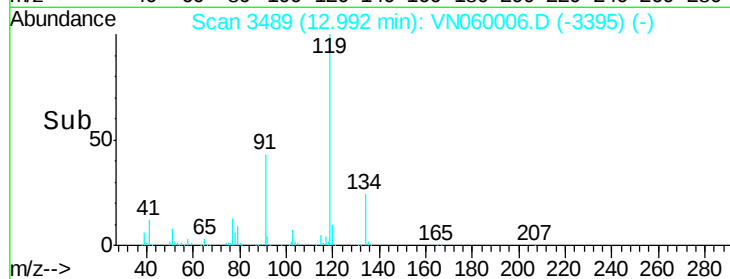
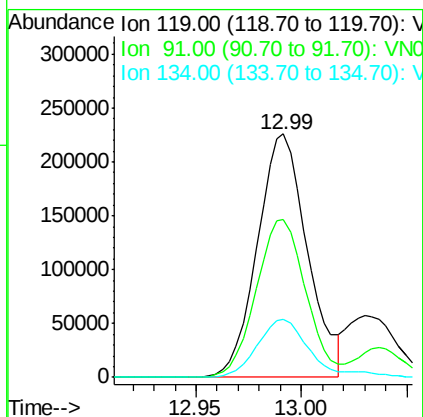
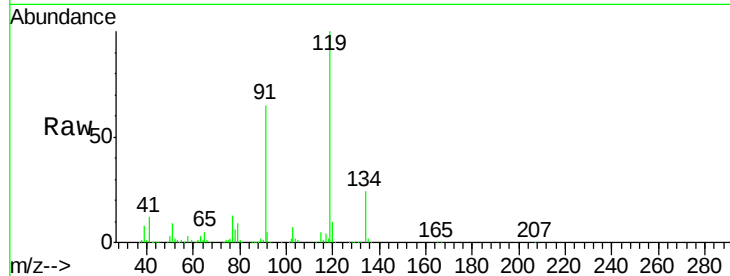
#83
tert-Butylbenzene
Concen: 48.757 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.8	34.8	104.4
134	25.2	12.3	36.9

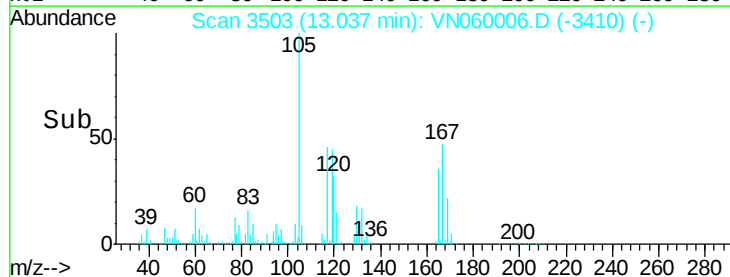
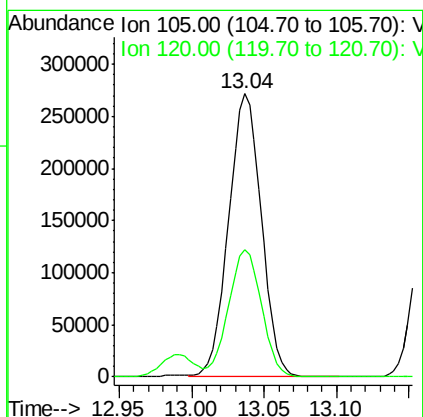
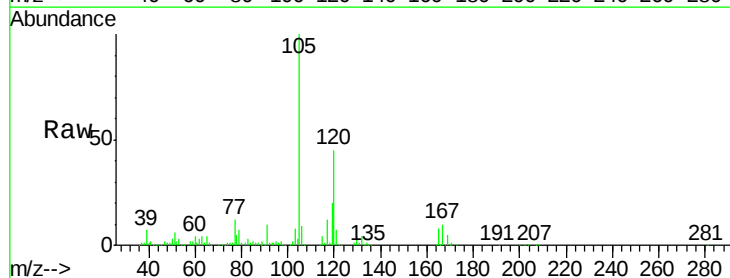
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#84
1,2,4-Trimethylbenzene
Concen: 48.662 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.3	66.9





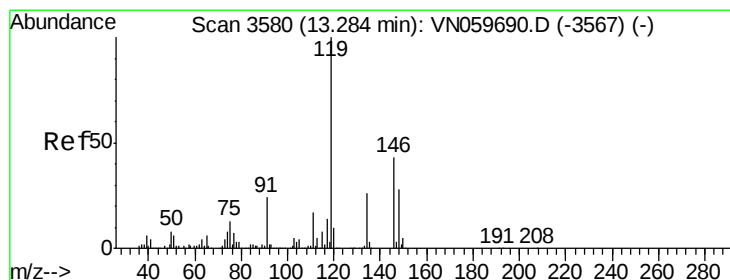
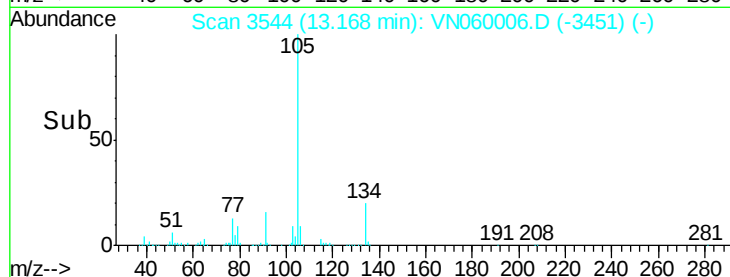
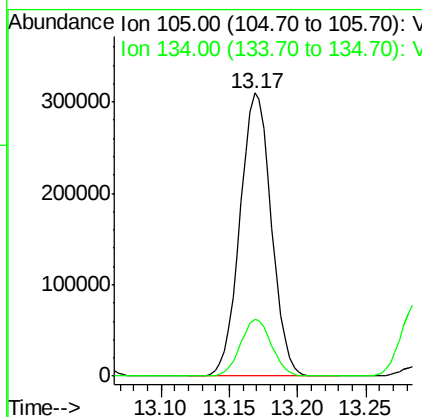
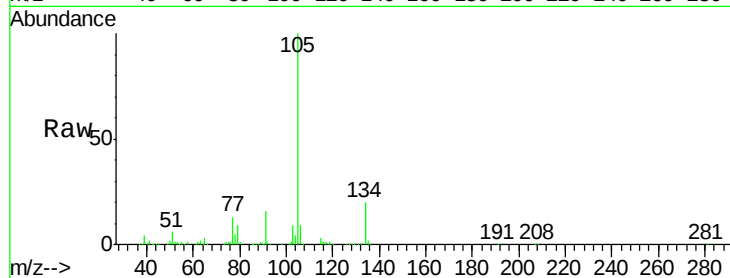
#85
 sec-Butylbenzene
 Concen: 49.114 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN060006.D
 Acq: 6 Feb 2020 9:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
105	100	492938		
134	20.0	9.8	29.5	

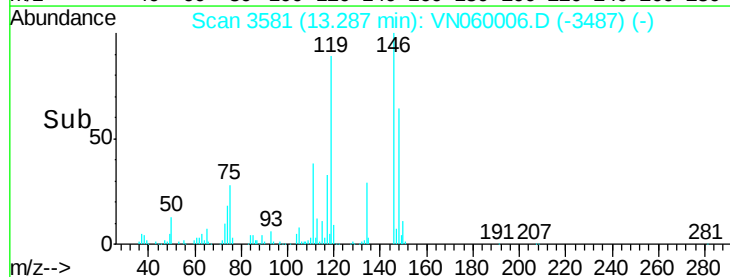
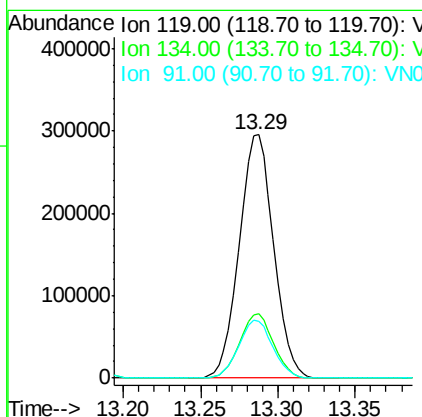
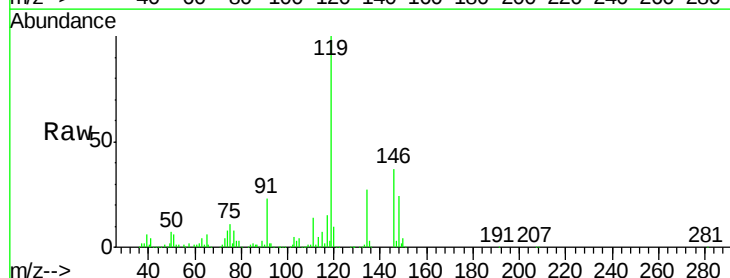
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#86
 p-Isopropyltoluene
 Concen: 48.950 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN060006.D
 Acq: 6 Feb 2020 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	454592		
134	26.2	12.9	38.7	
91	23.6	12.4	37.4	





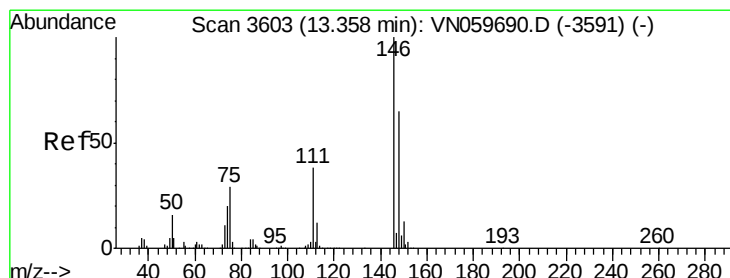
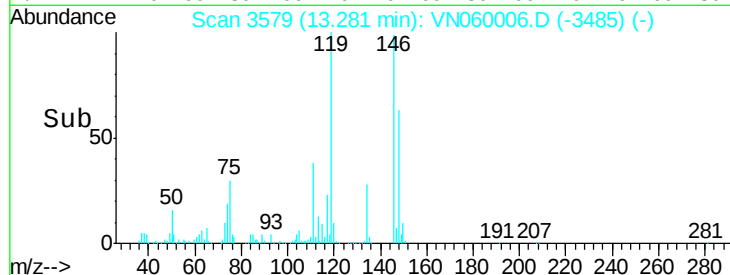
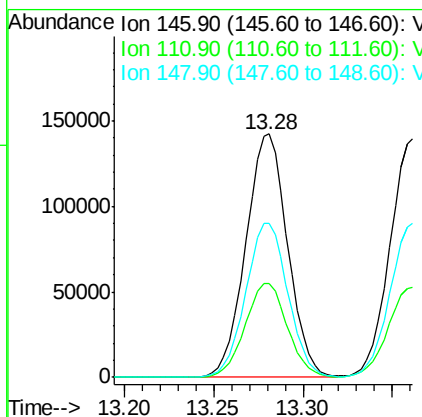
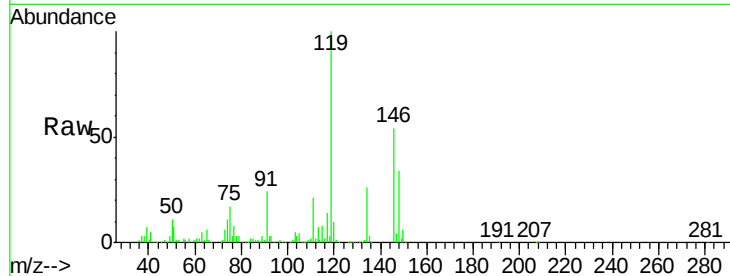
#87
 1,3-Dichlorobenzene
 Concen: 50.452 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN060006.D
 Acq: 6 Feb 2020 9:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	233086		
111	39.0	20.8	62.2	
148	63.9	32.0	96.0	

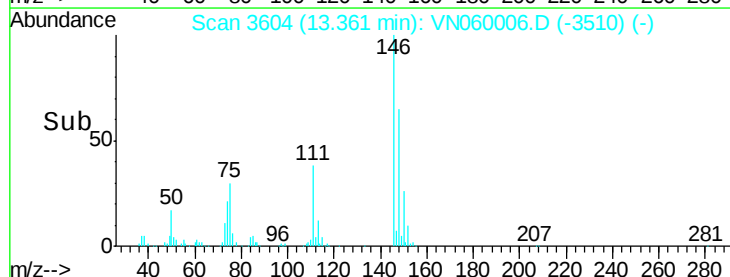
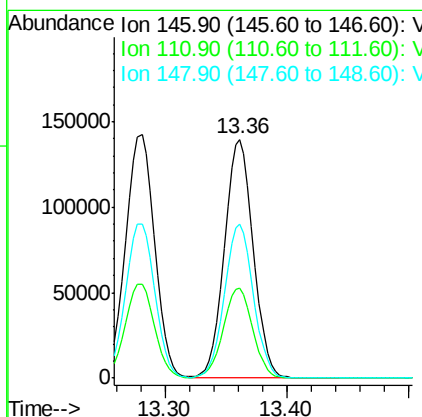
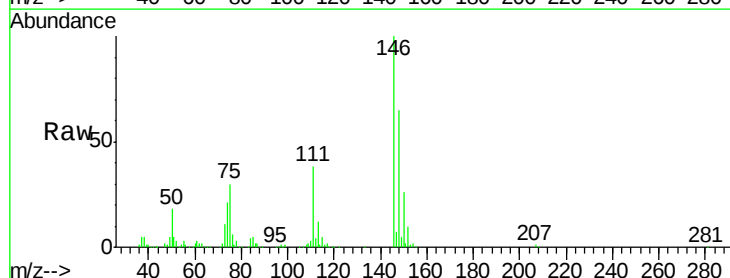
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#88
 1,4-Dichlorobenzene
 Concen: 50.181 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN060006.D
 Acq: 6 Feb 2020 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	231276		
111	38.7	20.8	62.2	
148	64.7	31.8	95.4	





#89

n-Butylbenzene

Concen: 51.324 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Instrument :

MSVOA_N

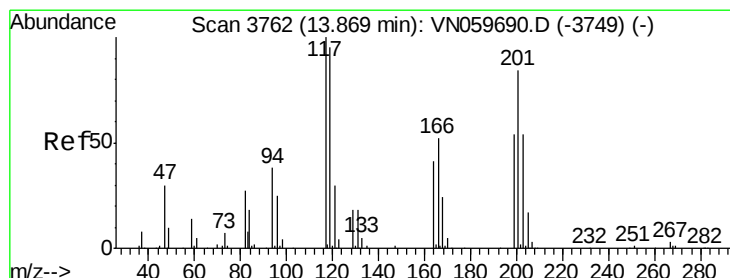
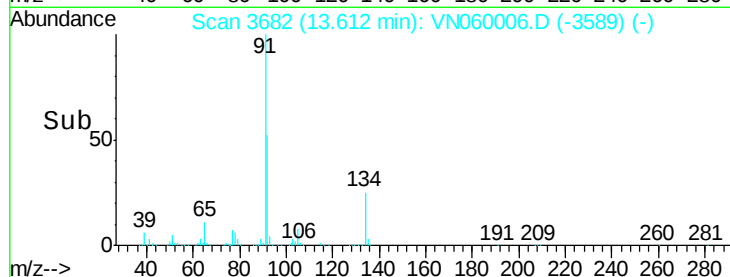
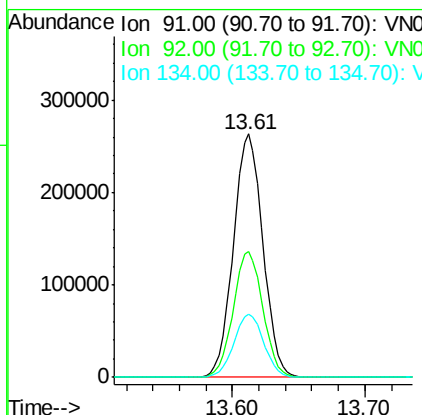
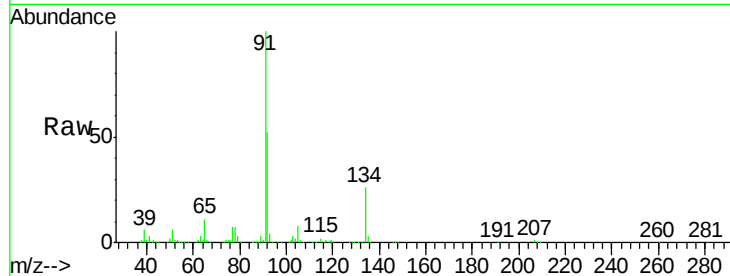
ClientSampleId :

VSTDCCC050

Tot Ion:	91	Resp:	406404
Ion Ratio	Lower	Upper	
91	100		
92	51.8	25.9	77.7
134	26.1	12.3	36.8

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#90

Hexachloroethane

Concen: 48.450 ug/l

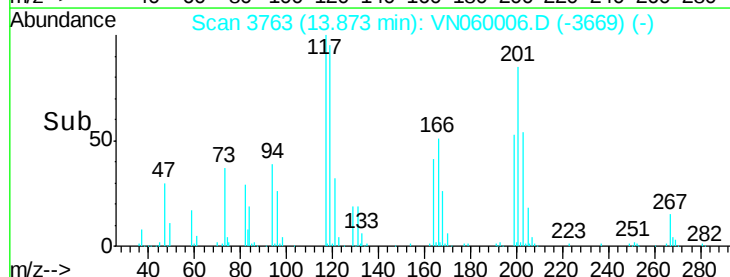
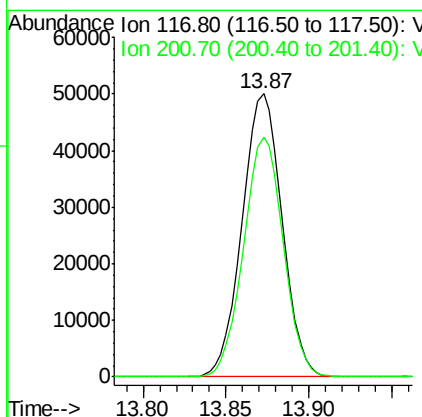
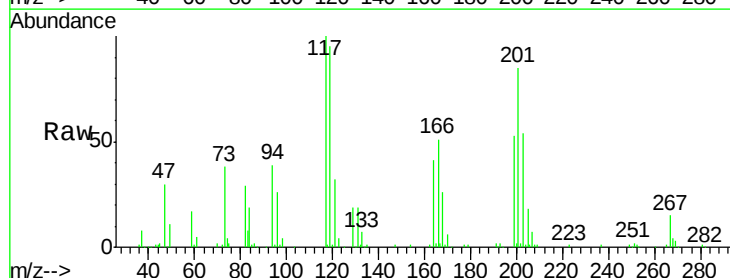
RT: 13.87 min Scan# 3763

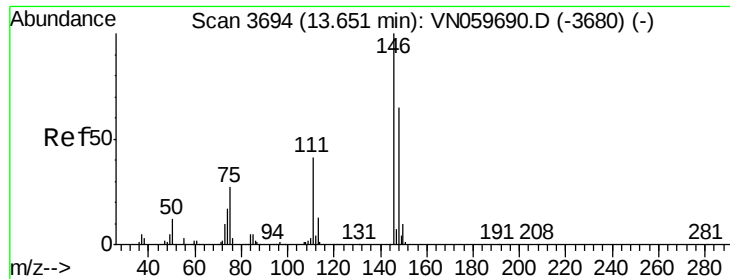
Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Tgt Ion:	117	Resp:	84184
Ion Ratio	Lower	Upper	
117	100		
201	84.1	37.8	113.4





#91

1,2-Dichlorobenzene

Concen: 49.357 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Instrument :

MSVOA_N

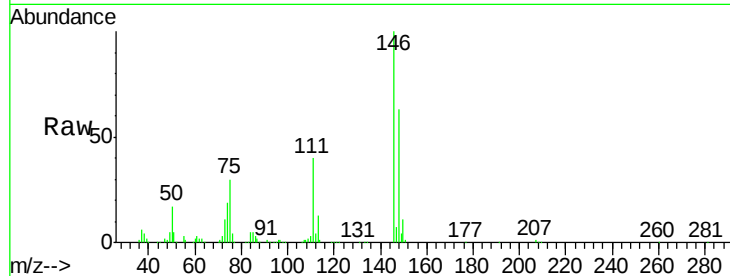
ClientSampleId :

VSTDCCC050

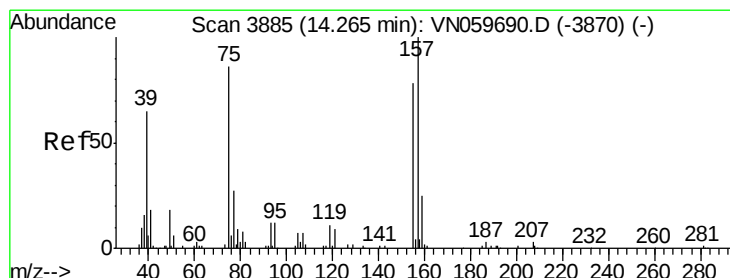
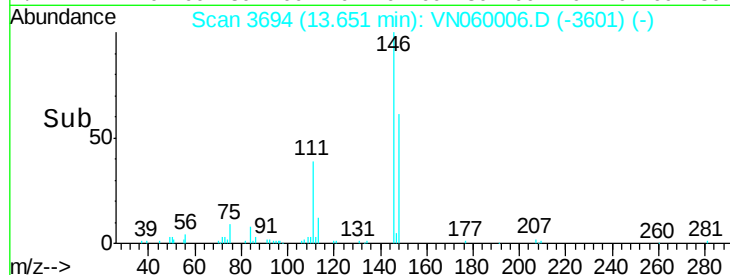
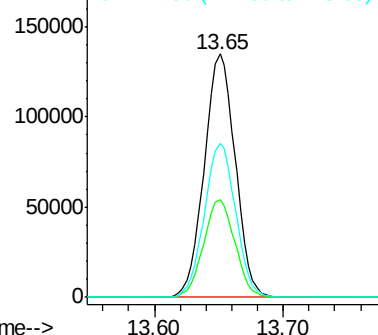
Tot Ion:	146	Resp:	225428
Ion Ratio	Lower	Upper	
146	100		
111	40.5	21.6	64.8
148	63.9	31.6	95.0

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Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.952 ug/l

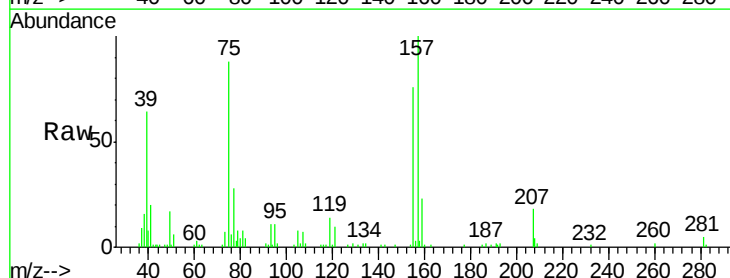
RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

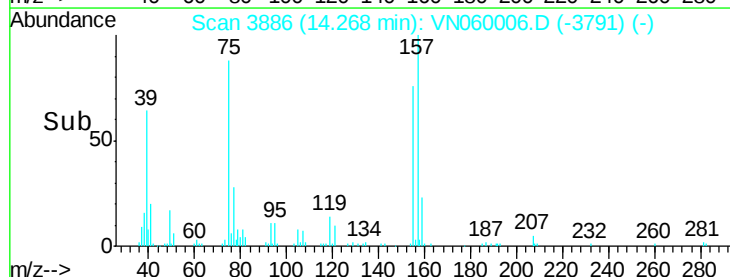
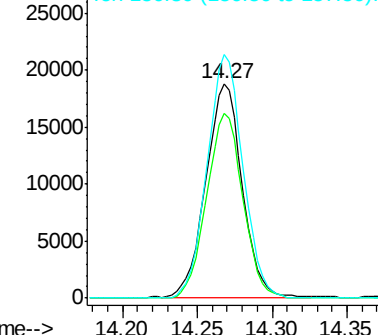
Lab File: VN060006.D

Acq: 6 Feb 2020 9:51

Tgt Ion:	75	Resp:	32019
Ion Ratio	Lower	Upper	
75	100		
155	85.2	37.0	110.9
157	110.8	48.4	145.2



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





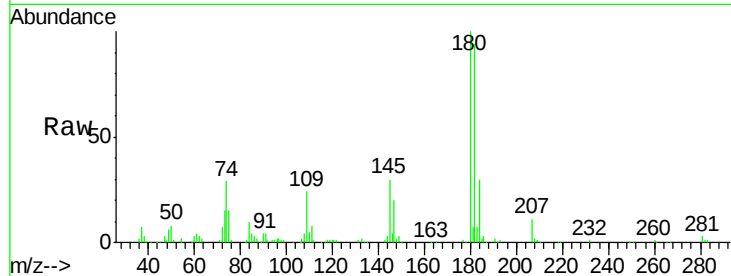
#93
 1,2,4-Trichlorobenzene
 Concen: 51.372 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060006.D
 Acq: 6 Feb 2020 9:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

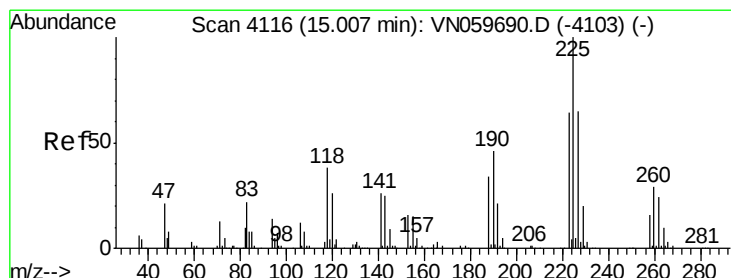
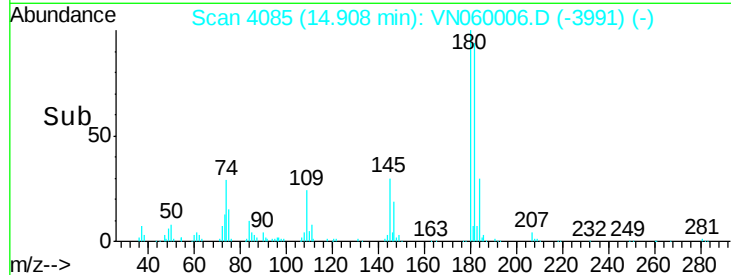
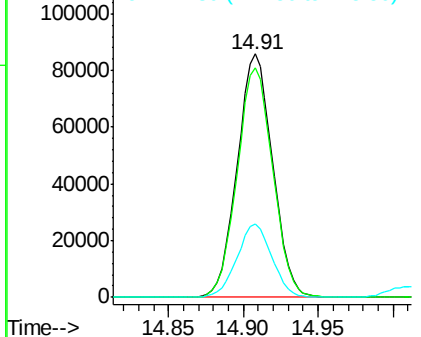
Tot Ion	Ratio	Resp	Lower	Upper
180	100	140986		
182	95.1	46.9	140.7	
145	29.8	15.0	45.1	

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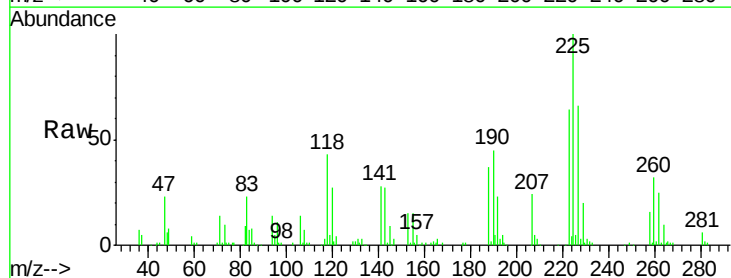


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

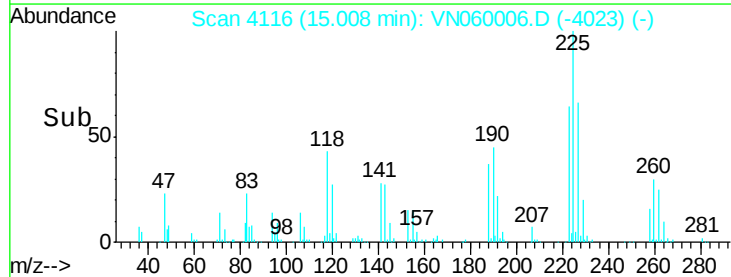
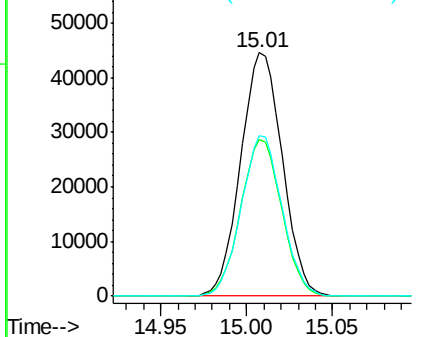


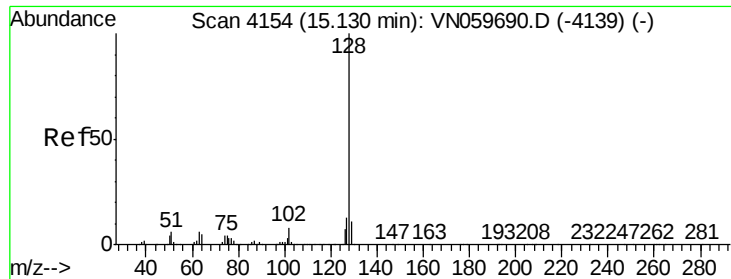
#94
 Hexachlorobutadiene
 Concen: 49.506 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060006.D
 Acq: 6 Feb 2020 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	74871		
223	63.1	31.8	95.3	
227	64.4	32.1	96.5	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





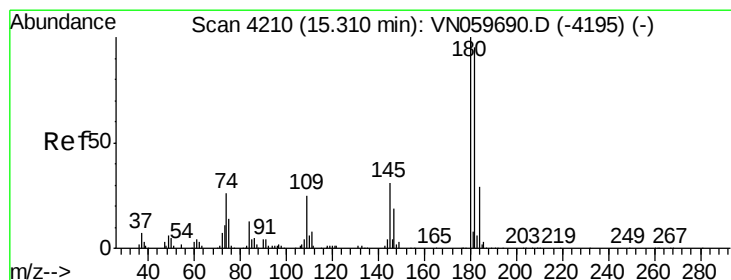
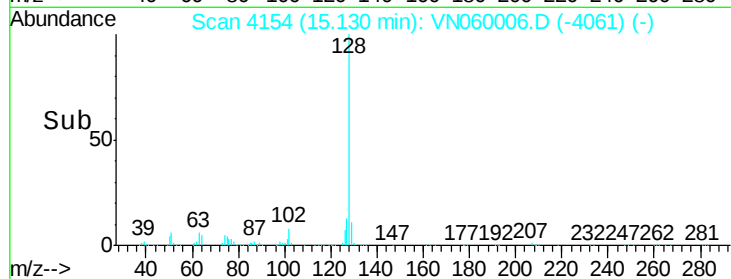
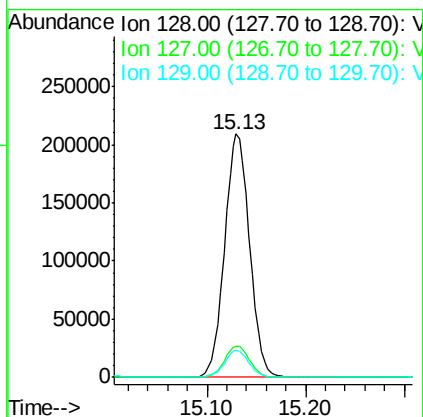
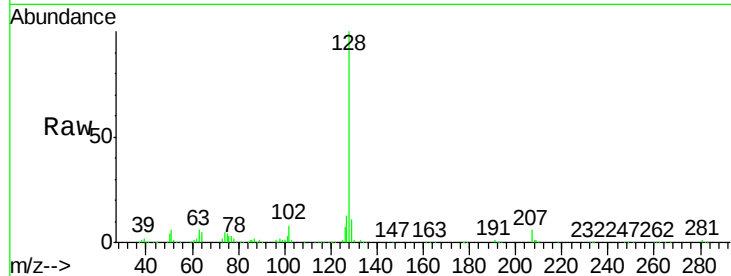
#95
Naphthalene
Concen: 47.486 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.9	8.6	12.8

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#96
1,2,3-Trichlorobenzene
Concen: 49.502 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN060006.D
Acq: 6 Feb 2020 9:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.4	142.3
145	32.2	16.3	48.9

