

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021120\
 Data File : VN060064.D
 Acq On : 11 Feb 2020 16:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/12/2020 3:03:26 PM

Quant Time: Feb 12 05:06:53 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	174221	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	275151	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	258648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	133609	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	106097	54.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.68%	
35) Dibromofluoromethane	7.56	113	87424	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	
50) Toluene-d8	10.08	98	324921	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
62) 4-Bromofluorobenzene	12.40	95	127295	55.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	79033	38.355	ug/l	99
3) Chloromethane	2.04	50	81058	40.639	ug/l	100
4) Vinyl Chloride	2.17	62	106720	46.763	ug/l	98
5) Bromomethane	2.54	94	70522	50.635	ug/l	100
6) Chloroethane	2.68	64	52010	48.171	ug/l	98
7) Trichlorofluoromethane	3.00	101	131374	47.934	ug/l	99
8) Diethyl Ether	3.38	74	48920	50.860	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.73	101	78639	51.553	ug/l	94
10) Methyl Iodide	3.93	142	102128	41.420	ug/l	95
11) Tert butyl alcohol	4.73	59	74998	230.261	ug/l	98
12) 1,1-Dichloroethene	3.72	96	73462	46.088	ug/l	90
13) Acrolein	3.57	56	71267	309.102	ug/l	98
14) Allyl chloride	4.29	41	107224	49.908	ug/l #	87
15) Acrylonitrile	4.94	53	197860	266.311	ug/l	100
16) Acetone	3.78	43	168361	255.347	ug/l	97
17) Carbon Disulfide	4.03	76	164315	36.188	ug/l	99
18) Methyl Acetate	4.28	43	122651	54.272	ug/l	92
19) Methyl tert-butyl Ether	5.00	73	278351	53.561	ug/l	94
20) Methylene Chloride	4.52	84	87695	50.101	ug/l	90
21) trans-1,2-Dichloroethene	5.00	96	79397	46.860	ug/l	91
22) Diisopropyl ether	5.91	45	270911	55.643	ug/l	96
23) Vinyl Acetate	5.86	43	966410	256.369	ug/l	95
24) 1,1-Dichloroethane	5.82	63	156617	52.646	ug/l	97
25) 2-Butanone	6.80	43	257054	234.614	ug/l	94
26) 2,2-Dichloropropane	6.79	77	145138	50.747	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	102304	52.496	ug/l	89
28) Bromochloromethane	7.17	49	64773	54.475	ug/l #	82
29) Tetrahydrofuran	7.18	42	171077	252.364	ug/l	90
30) Chloroform	7.34	83	171822	55.743	ug/l	100
31) Cyclohexane	7.63	56	123144	43.018	ug/l	94
32) 1,1,1-Trichloroethane	7.54	97	151152	53.036	ug/l	96
36) 1,1-Dichloropropene	7.77	75	117103	48.872	ug/l	96
37) Ethyl Acetate	6.89	43	108837	48.429	ug/l	97
38) Carbon Tetrachloride	7.75	117	131879	50.597	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	135514	45.867	ug/l	93
40) Benzene	8.02	78	354119	49.554	ug/l	98
41) Methacrylonitrile	7.15	41	55986m	50.577	ug/l	
42) 1,2-Dichloroethane	8.10	62	131812	54.403	ug/l	96
43) Isopropyl Acetate	8.14	43	195749	50.640	ug/l #	95
44) Trichloroethene	8.82	130	98457	50.470	ug/l	98
45) 1,2-Dichloropropane	9.10	63	97133	54.930	ug/l	99
46) Dibromomethane	9.19	93	66357	53.197	ug/l	93
47) Bromodichloromethane	9.38	83	141616	56.338	ug/l	99
48) Methyl methacrylate	9.18	41	86029	49.755	ug/l	91
49) 1,4-Dioxane	9.18	88	31456	993.791	ug/l	92
51) 4-Methyl-2-Pentanone	9.97	43	572246	256.091	ug/l	95
52) Toluene	10.14	92	233547	51.741	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	155544	55.419	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	162266	54.946	ug/l	95
55) 1,1,2-Trichloroethane	10.55	97	98277	54.973	ug/l	98
56) Ethyl methacrylate	10.42	69	141625	51.846	ug/l	93
57) 1,3-Dichloropropane	10.70	76	157191	55.383	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	248408	301.912	ug/l	92
59) 2-Hexanone	10.74	43	416209	252.831	ug/l	95
60) Dibromochloromethane	10.89	129	115595	56.781	ug/l	99
61) 1,2-Dibromoethane	10.99	107	100482	53.626	ug/l	99
64) Tetrachloroethene	10.62	164	103037	48.879	ug/l	97
65) Chlorobenzene	11.43	112	262802	51.694	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	106730	54.333	ug/l	99
67) Ethyl Benzene	11.50	91	471261	51.064	ug/l	98
68) m/p-Xylenes	11.62	106	349036	100.123	ug/l	96
69) o-Xylene	11.94	106	172150	50.441	ug/l	96
70) Styrene	11.96	104	290498	50.867	ug/l	97
71) Bromoform	12.12	173	87014	55.300	ug/l #	98
73) Isopropylbenzene	12.25	105	477315	48.712	ug/l	100
74) N-amyl acetate	12.07	43	179746	47.274	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	144951	51.027	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	126586m	56.298	ug/l	
77) Bromobenzene	12.52	156	120559	48.584	ug/l	85
78) n-propylbenzene	12.59	91	541811	49.264	ug/l	98
79) 2-Chlorotoluene	12.67	91	318522	48.683	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	403197	48.927	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	51523	49.209	ug/l	96
82) 4-Chlorotoluene	12.77	91	332670	50.692	ug/l	97
83) tert-Butylbenzene	12.99	119	354424	49.728	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	406949	49.916	ug/l	99
85) sec-Butylbenzene	13.17	105	475373	50.765	ug/l	100
86) p-Isopropyltoluene	13.29	119	434859	50.188	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	219207	50.856	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	216930	50.448	ug/l	98
89) n-Butylbenzene	13.61	91	390521	52.860	ug/l	99
90) Hexachloroethane	13.87	117	82029	50.600	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	214339	50.299	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	29206	47.809	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	132927	51.914	ug/l	97
94) Hexachlorobutadiene	15.01	225	70945	50.279	ug/l	98
95) Naphthalene	15.13	128	351726	48.293	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	127959	51.341	ug/l	99

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

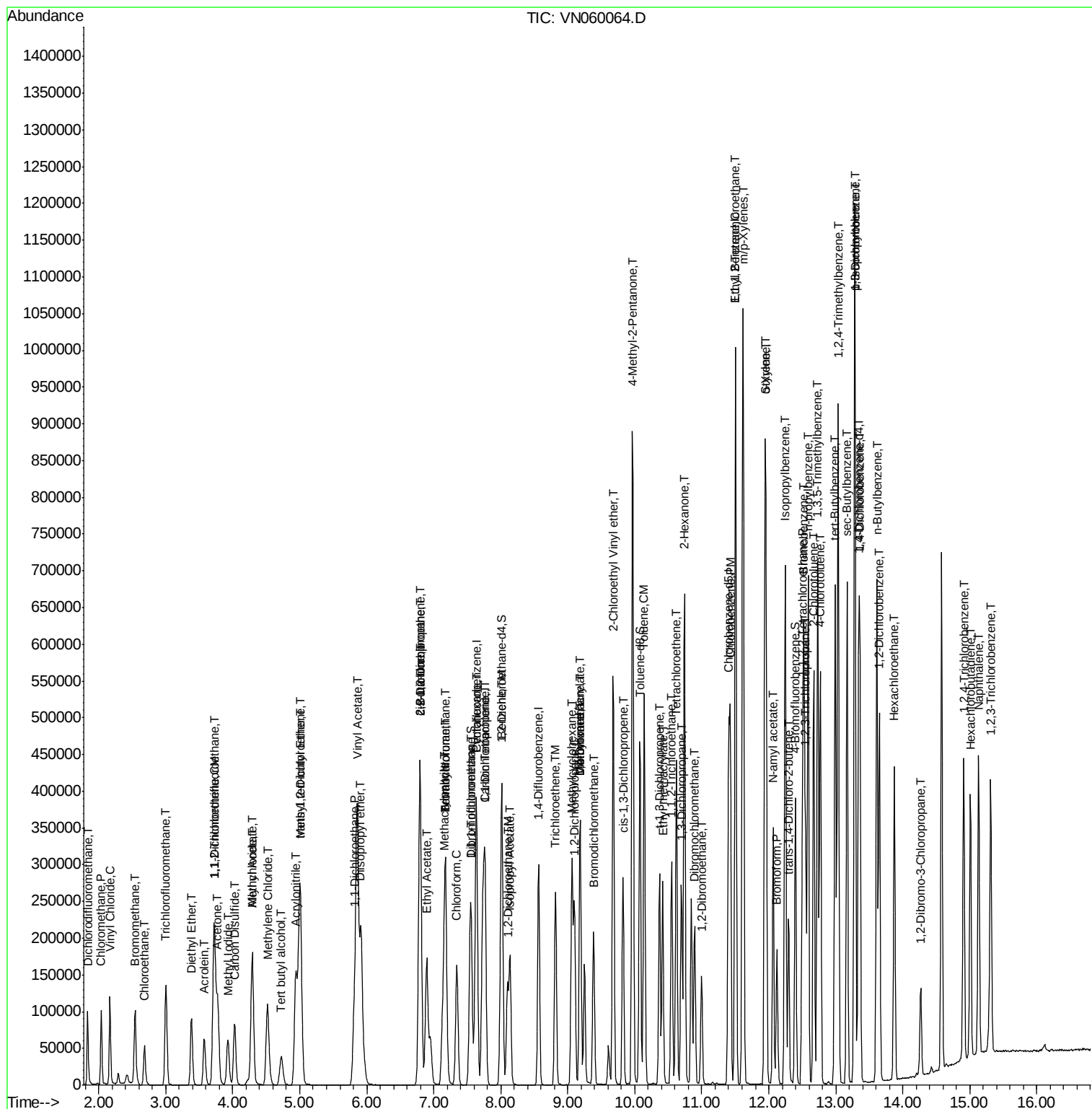
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN060064.D

Acq: 11 Feb 2020 16:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 174221

Ion Ratio Lower Upper

168 100

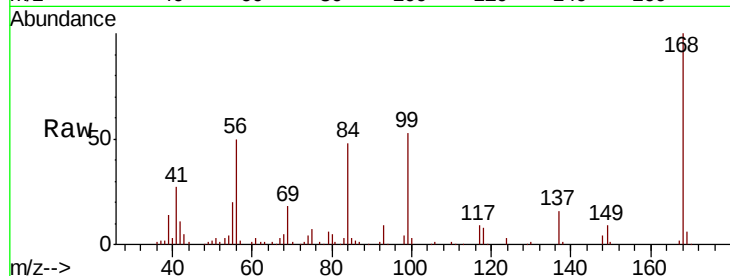
99 53.2 48.2 72.4

Manual Integrations

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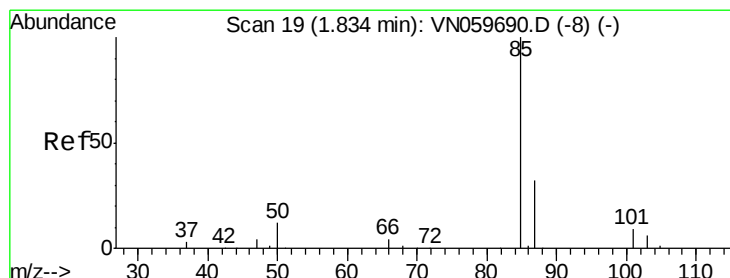
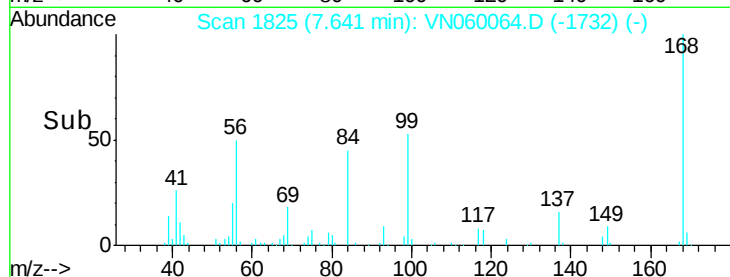
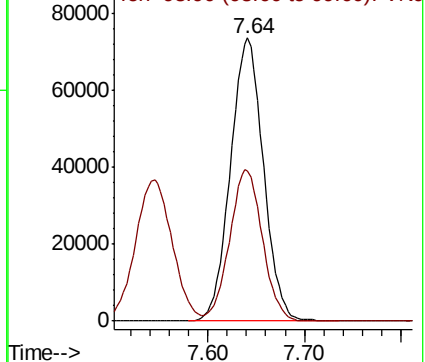
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 38.355 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060064.D

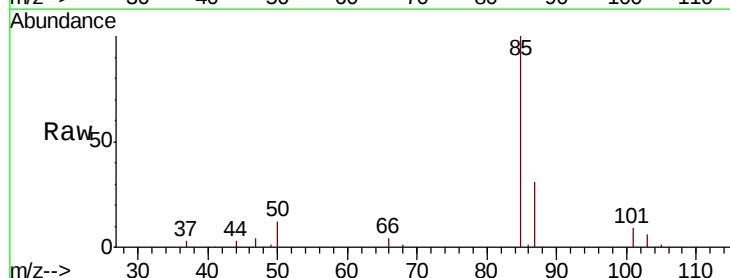
Acq: 11 Feb 2020 16:04

Tgt Ion: 85 Resp: 79033

Ion Ratio Lower Upper

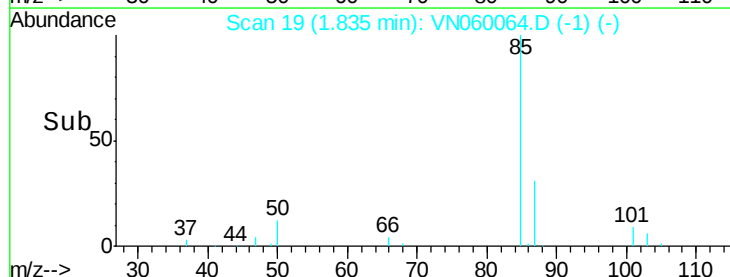
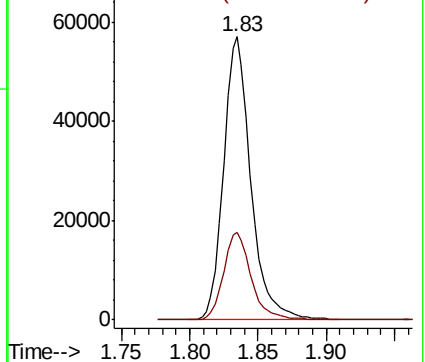
85 100

87 31.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 40.639 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060064.D

Acq: 11 Feb 2020 16:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 81058

Ion Ratio Lower Upper

50 100

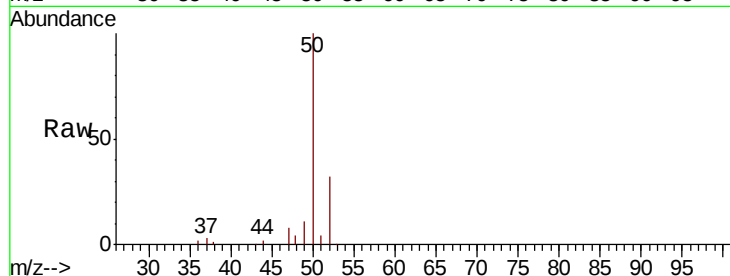
52 32.3 25.9 38.9

Manual Integrations

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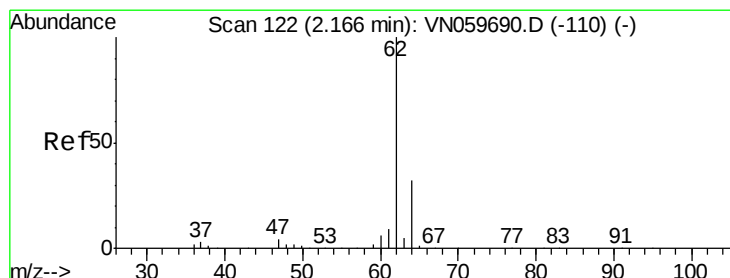
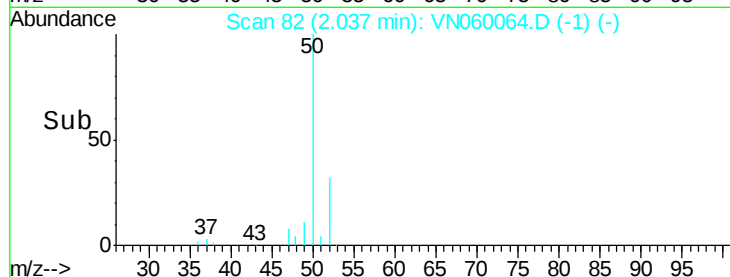
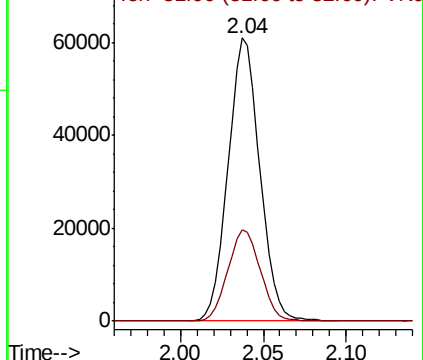
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Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 46.763 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN060064.D

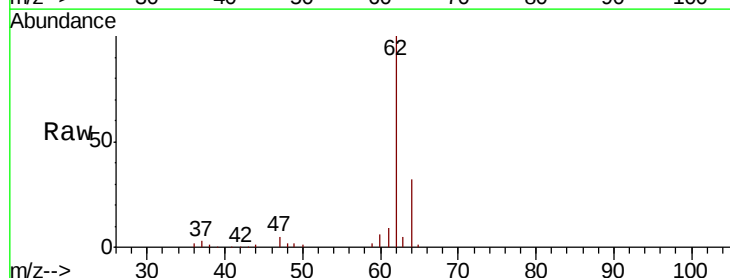
Acq: 11 Feb 2020 16:04

Tgt Ion: 62 Resp: 106720

Ion Ratio Lower Upper

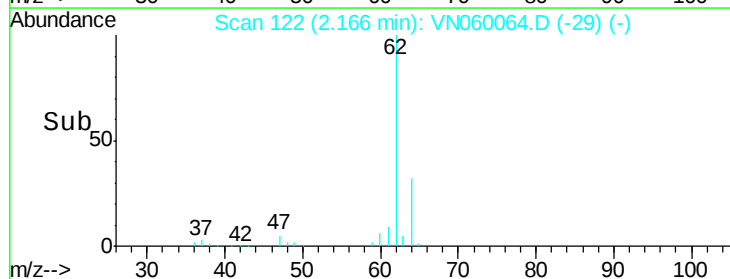
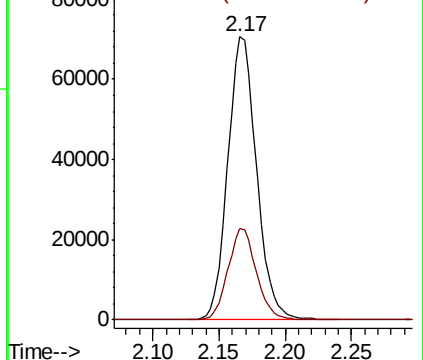
62 100

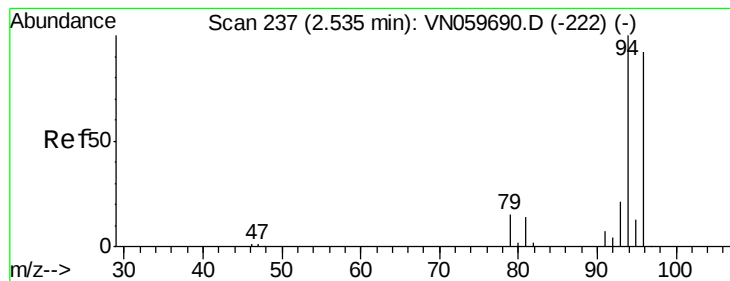
64 32.1 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 50.635 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.01 min

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Tot Ion: 94 Resp: 70522

Ion Ratio Lower Upper

94 100

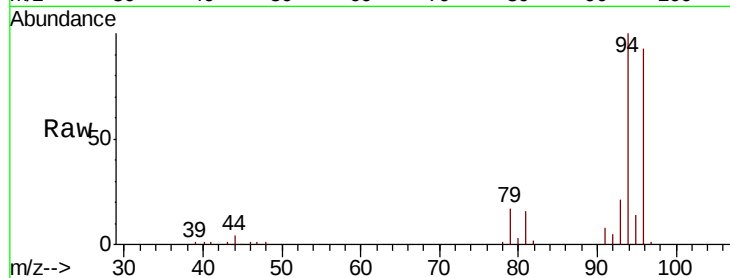
96 93.5 74.7 112.1

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.54

40000

30000

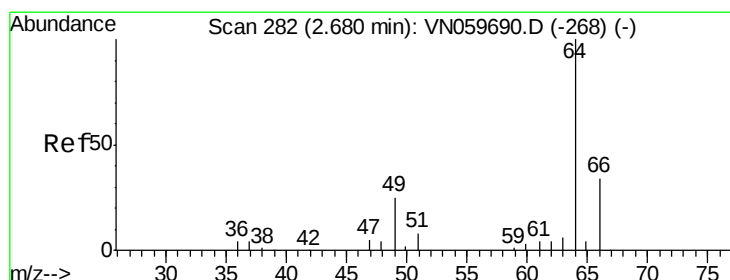
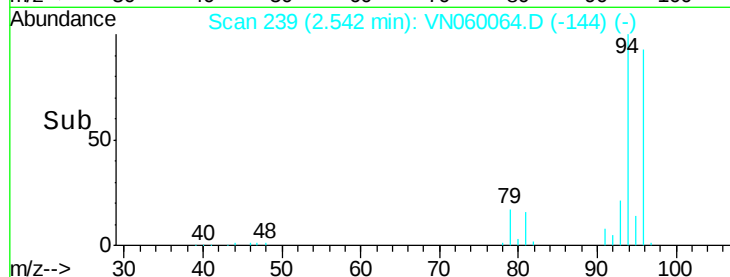
20000

10000

0

Time-->

2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 48.171 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN060064.D

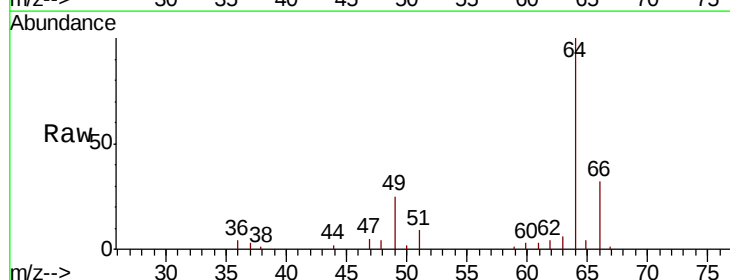
Acq: 11 Feb 2020 16:04

Tgt Ion: 64 Resp: 52010

Ion Ratio Lower Upper

64 100

66 32.4 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.68

30000

25000

20000

15000

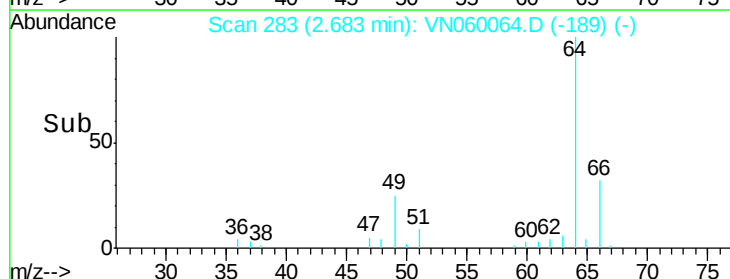
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5000

0

Time-->

2.60 2.65 2.70 2.75 2.80





#7

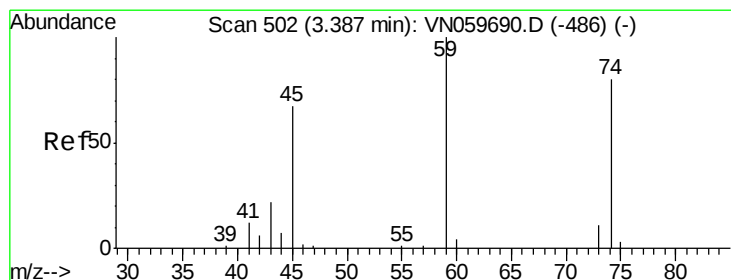
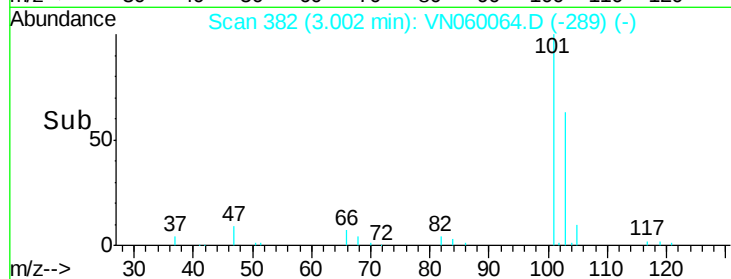
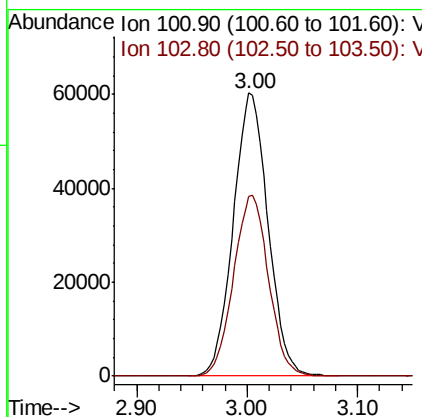
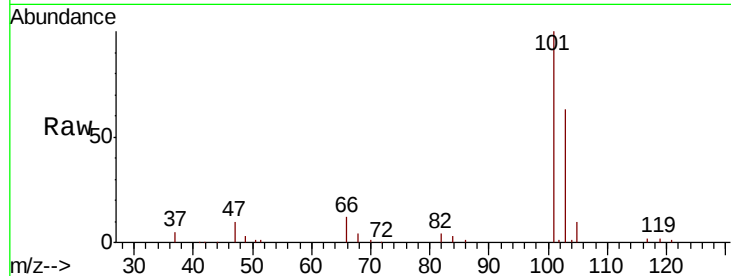
Trichlorofluoromethane
Concen: 47.934 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	51.0	76.6

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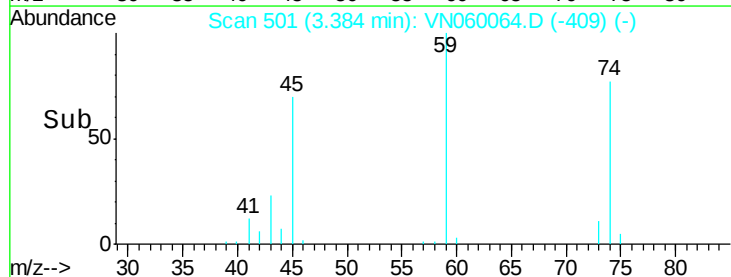
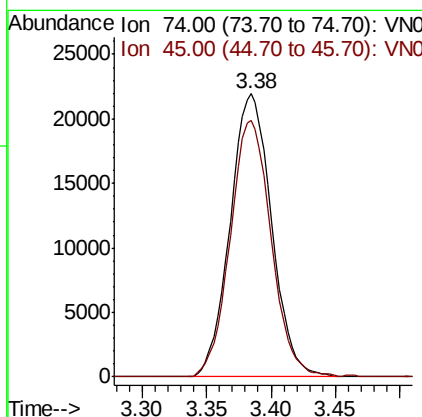
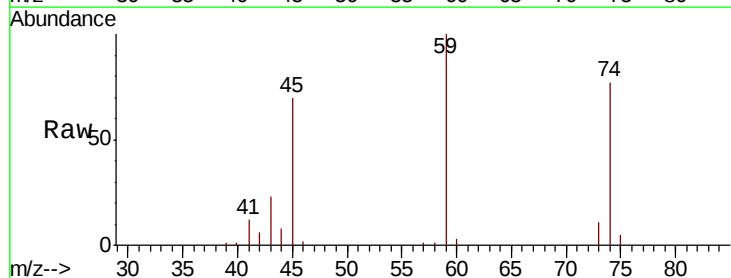
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2/12/2020 3:03:26 PM



#8

Diethyl Ether
Concen: 50.860 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN060064.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.6	51.9	155.8





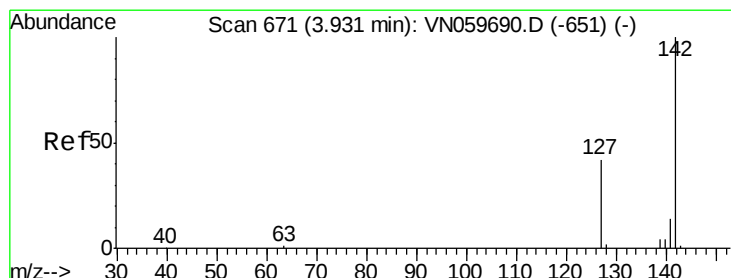
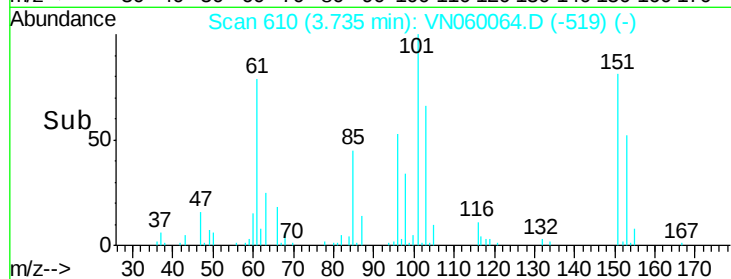
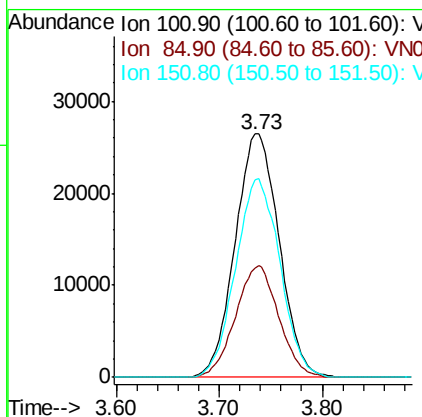
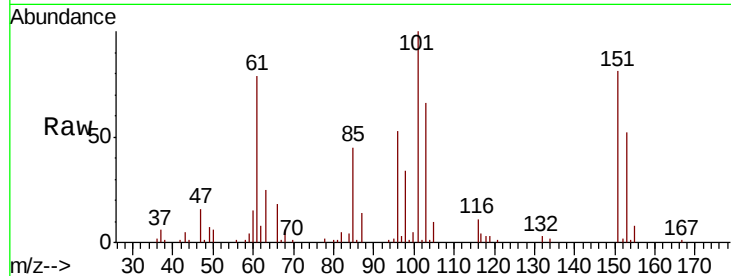
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.553 ug/l
RT: 3.73 min Scan# 610
Delta R.T. -0.01 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
85	44.9	36.6	54.8
151	82.1	59.7	89.5

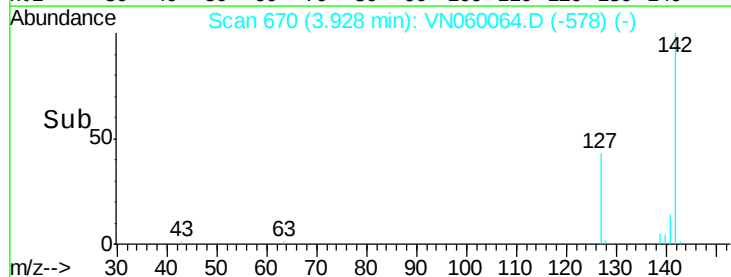
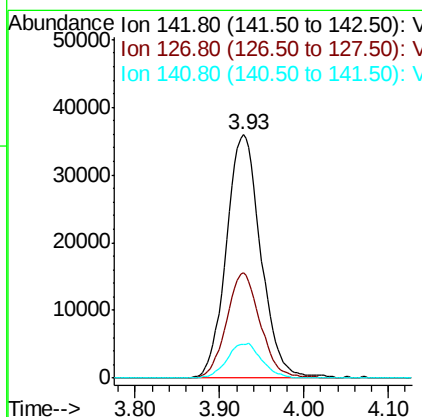
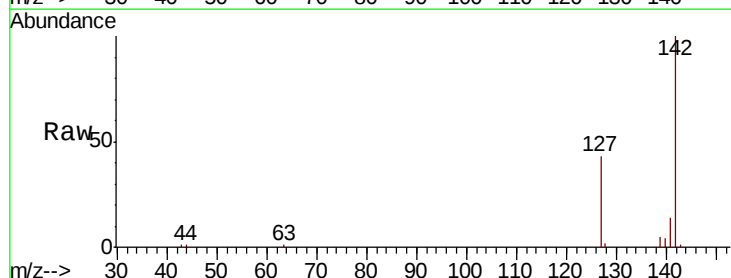
Manual Integrations
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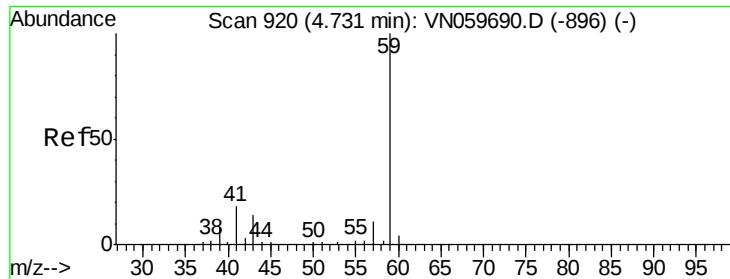
MMDadoda
2/12/2020 3:03:26 PM



#10
Methyl Iodide
Concen: 41.420 ug/l
RT: 3.93 min Scan# 670
Delta R.T. -0.00 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Tgt Ion	Ratio	Lower	Upper
142	100		
127	42.1	36.7	55.1
141	14.1	11.7	17.5





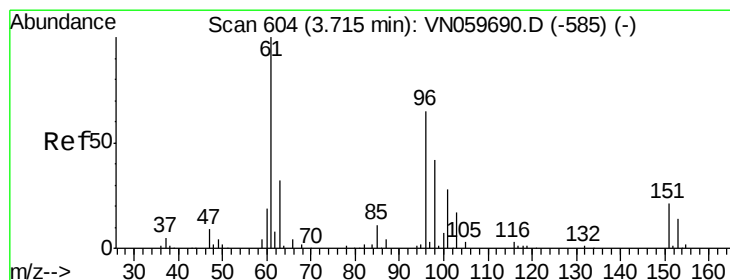
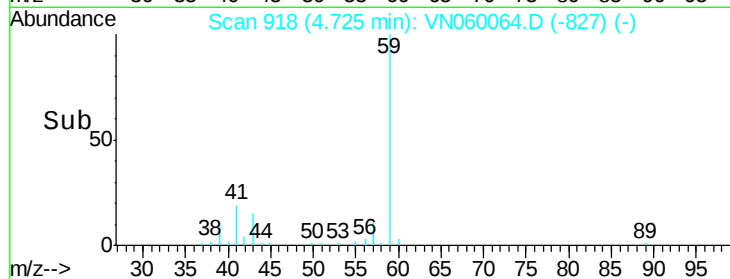
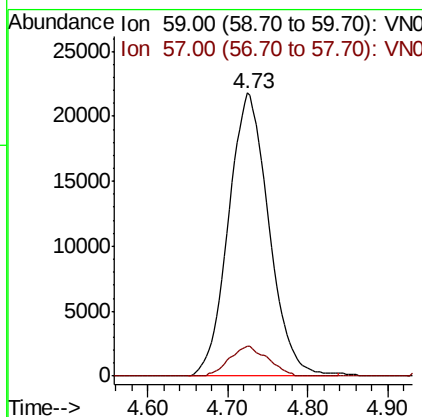
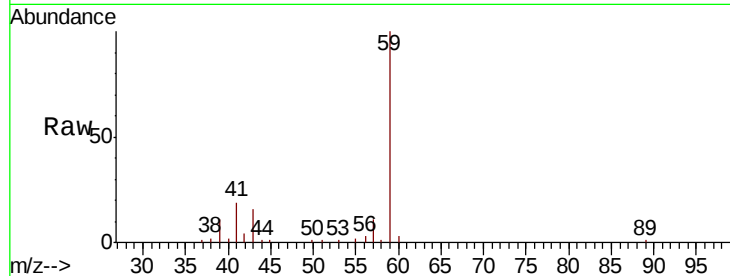
#11
Tert butyl alcohol
Concen: 230.261 ug/l
RT: 4.73 min Scan# 918
Delta R.T. -0.01 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.6	12.8

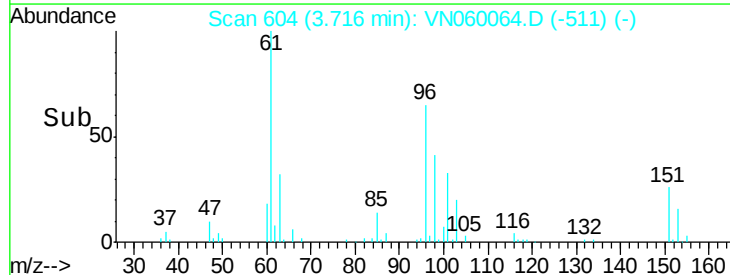
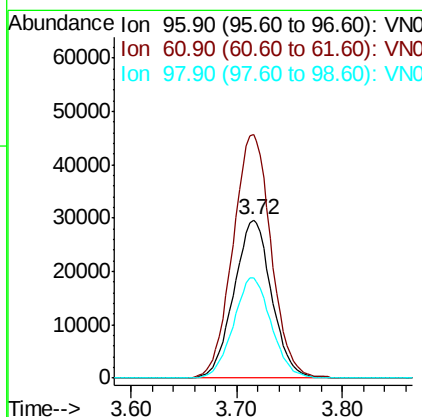
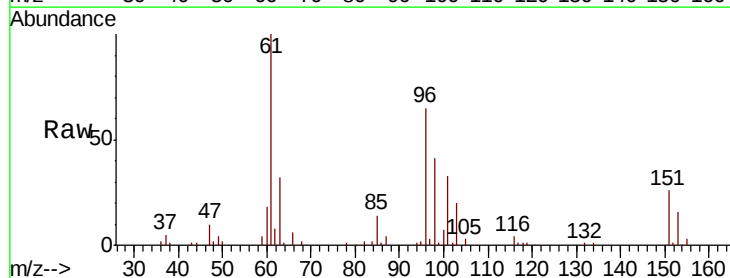
Manual Integrations
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#12
1,1-Dichloroethene
Concen: 46.088 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.9	137.5	206.3
98	63.6	50.2	75.4





#13

Acrolein

Concen: 309.102 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060064.D

Acq: 11 Feb 2020 16:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 71267

Ion Ratio Lower Upper

56 100

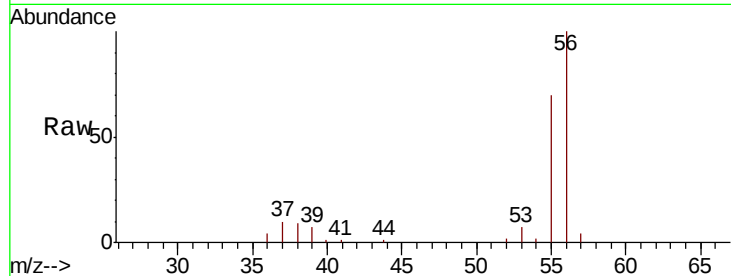
55 71.8 58.6 88.0

Manual Integrations

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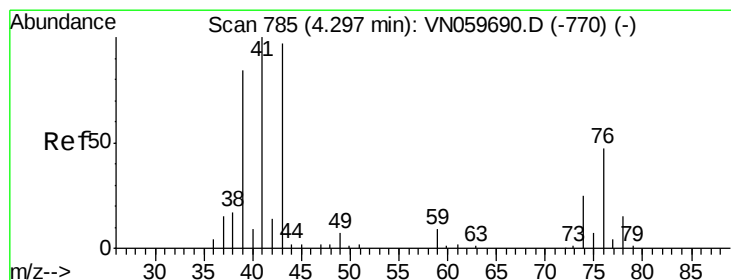
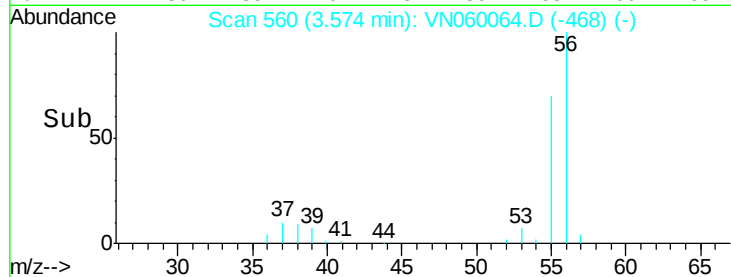
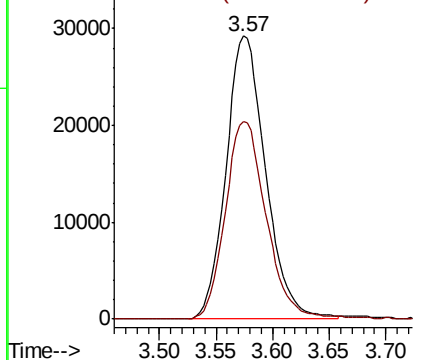
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 49.908 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN060064.D

Acq: 11 Feb 2020 16:04

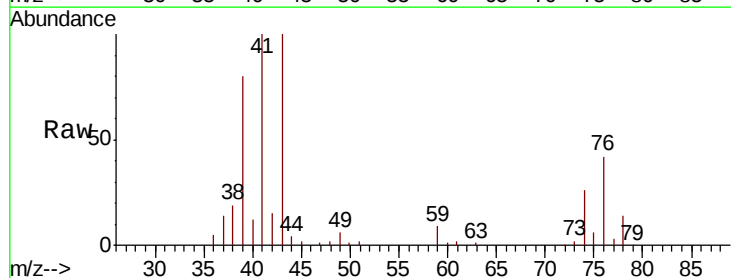
Tgt Ion: 41 Resp: 107224

Ion Ratio Lower Upper

41 100

39 81.0 57.8 86.8

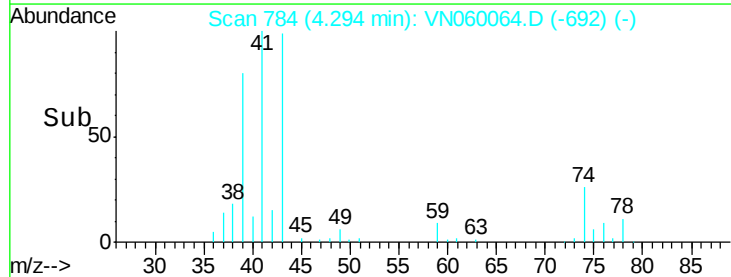
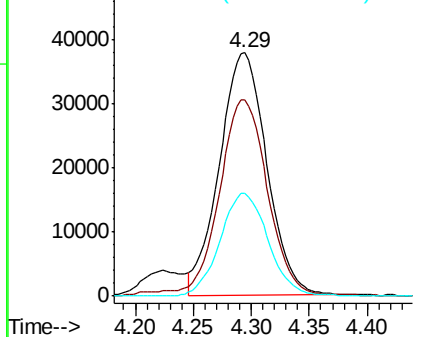
76 42.9 25.4 38.0#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 266.311 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060064.D

Acq: 11 Feb 2020 16:04

Instrument :

MSVOA_N

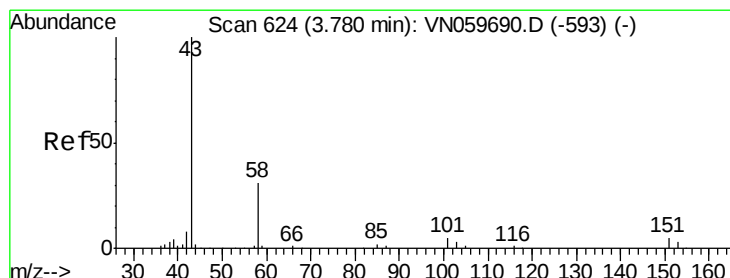
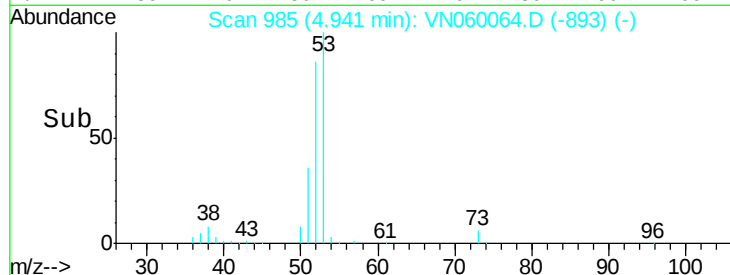
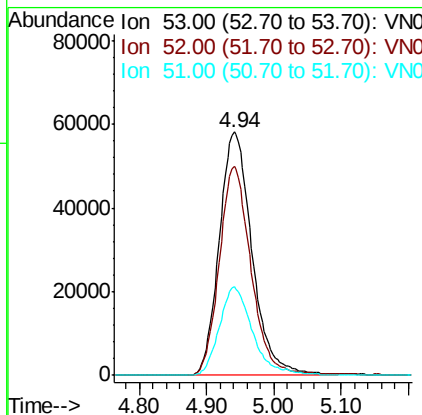
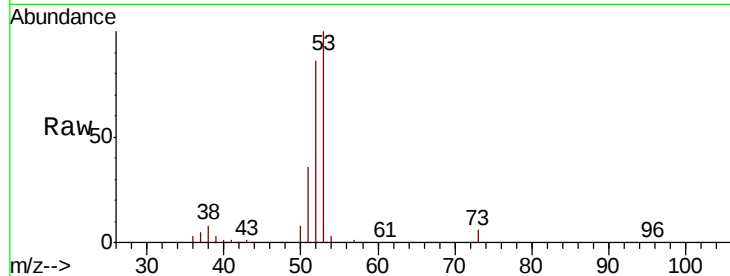
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	197860
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.3	99.5
51	36.8	29.7	44.5

Manual Integrations
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#16

Acetone

Concen: 255.347 ug/l

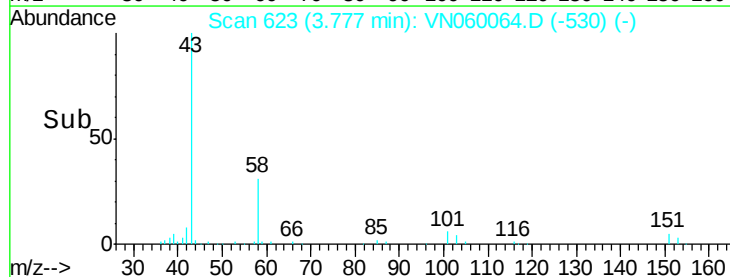
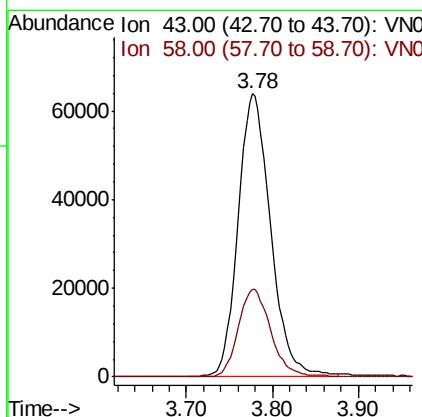
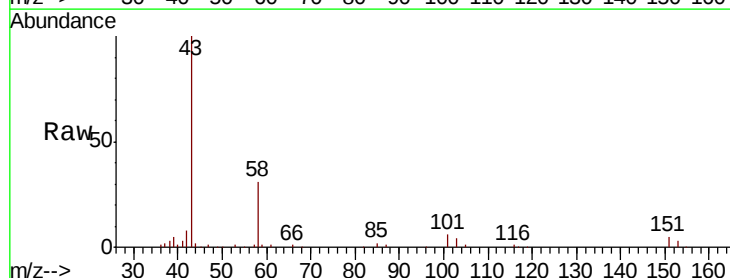
RT: 3.78 min Scan# 623

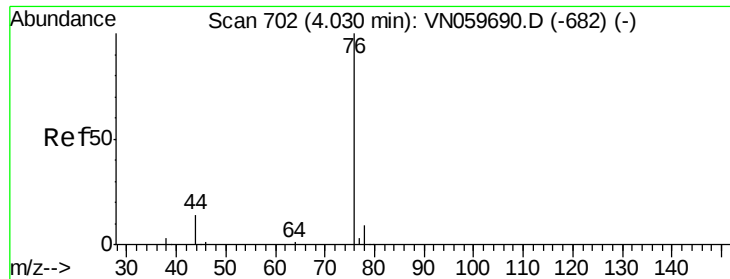
Delta R.T. -0.00 min

Lab File: VN060064.D

Acq: 11 Feb 2020 16:04

Tgt Ion:	43	Resp:	168361
Ion	Ratio	Lower	Upper
43	100		
58	31.1	23.6	35.4





#17

Carbon Disulfide

Concen: 36.188 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN060064.D

Acq: 11 Feb 2020 16:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 164315

Ion Ratio Lower Upper

76 100

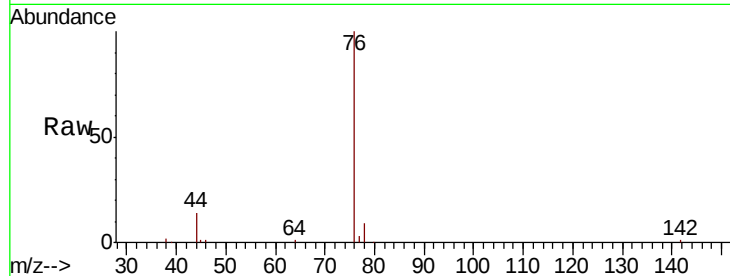
78 8.8 7.4 11.0

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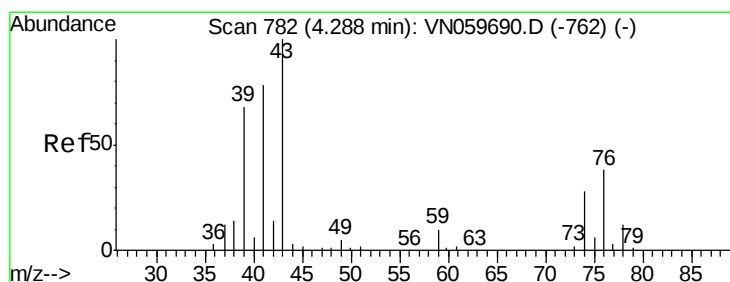
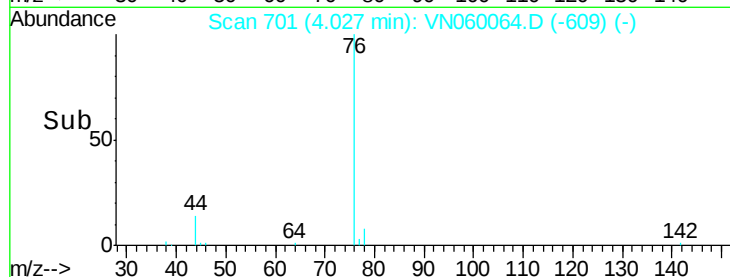
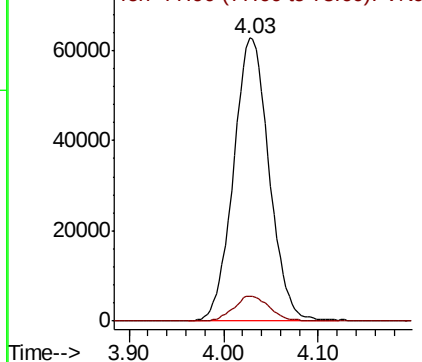
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Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 54.272 ug/l

RT: 4.28 min Scan# 781

Delta R.T. -0.00 min

Lab File: VN060064.D

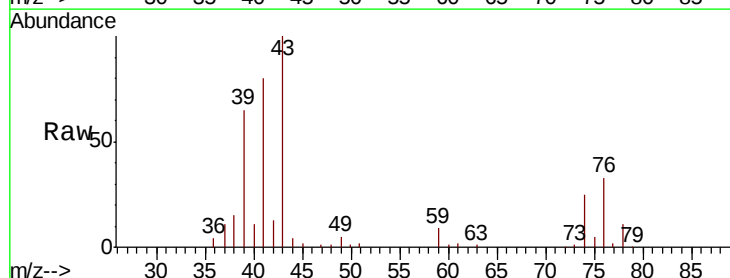
Acq: 11 Feb 2020 16:04

Tgt Ion: 43 Resp: 122651

Ion Ratio Lower Upper

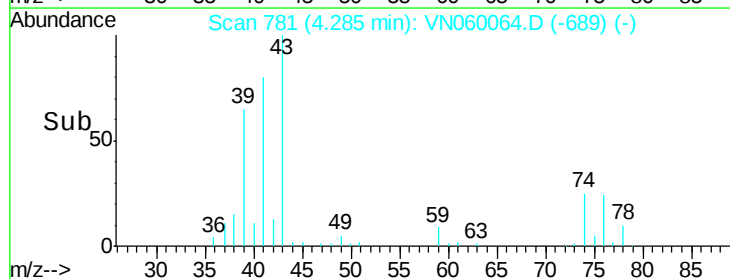
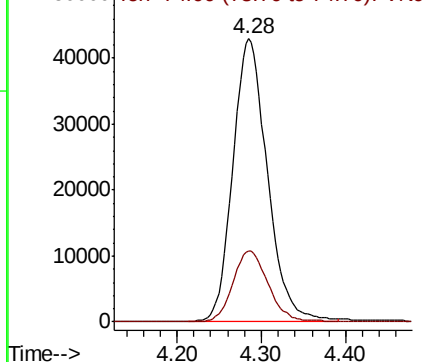
43 100

74 25.6 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO





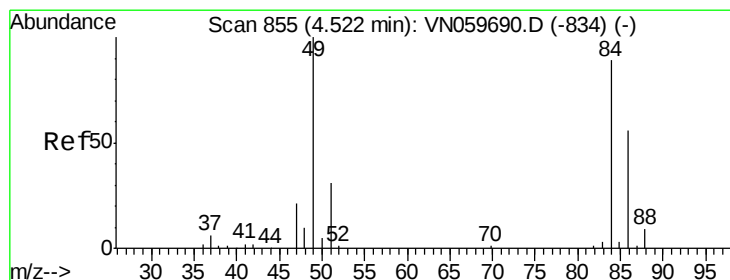
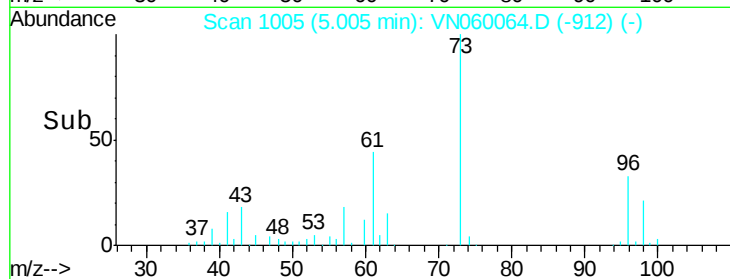
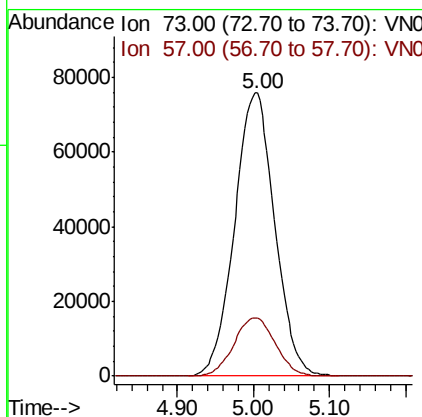
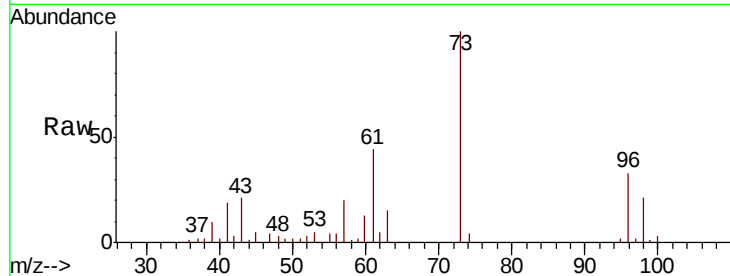
#19
Methvl tert-butvl Ether
Concen: 53.561 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 278351
Ion Ratio Lower Upper
73 100
57 20.3 18.6 27.8

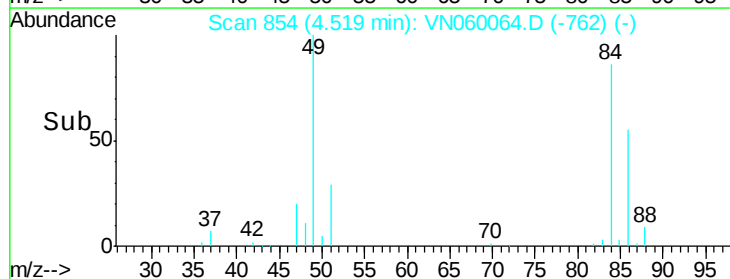
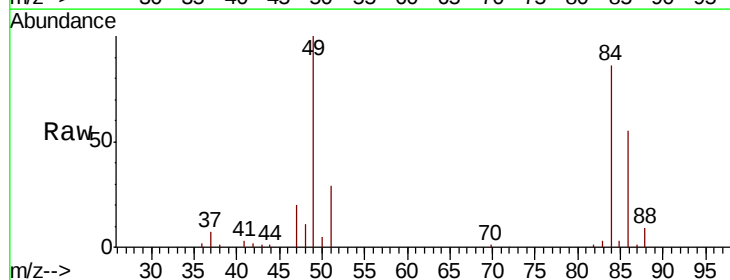
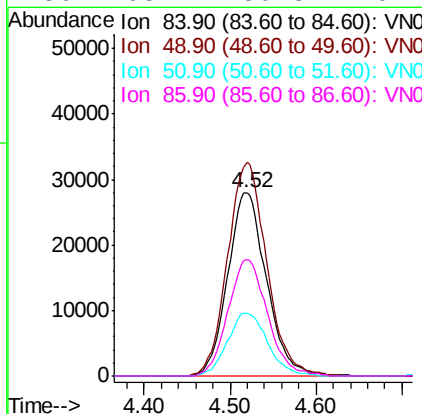
Manual Integrations
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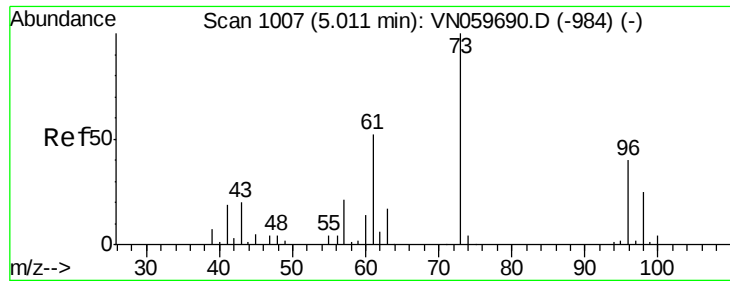
MMDadoda
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#20
Methylene Chloride
Concen: 50.101 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Tgt Ion: 84 Resp: 87695
Ion Ratio Lower Upper
84 100
49 116.4 106.6 160.0
51 34.1 31.9 47.9
86 63.4 50.8 76.2





#21

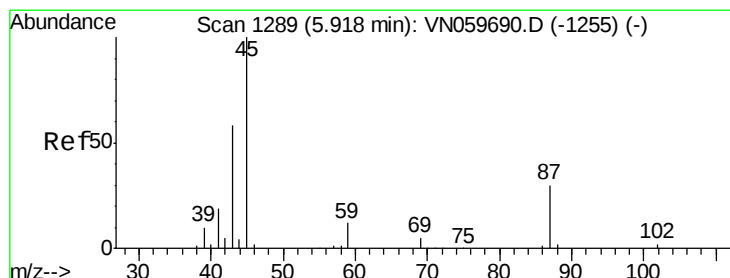
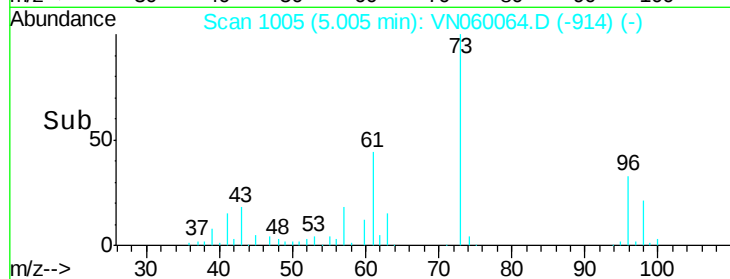
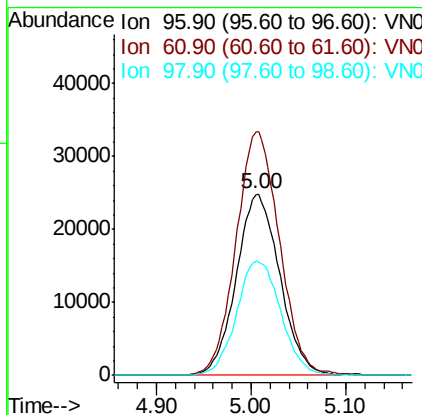
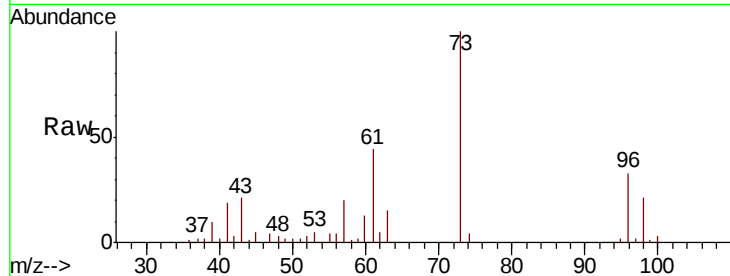
trans-1,2-Dichloroethene
Concen: 46.860 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.5	120.4	180.6
98	62.9	50.6	75.8

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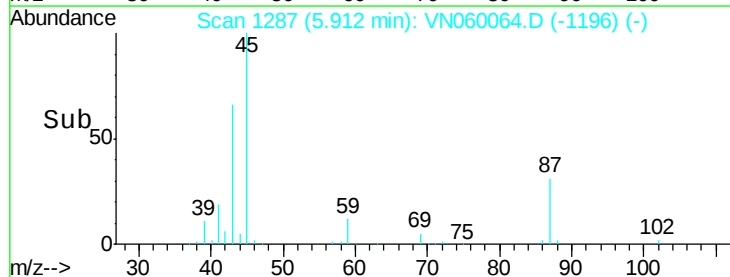
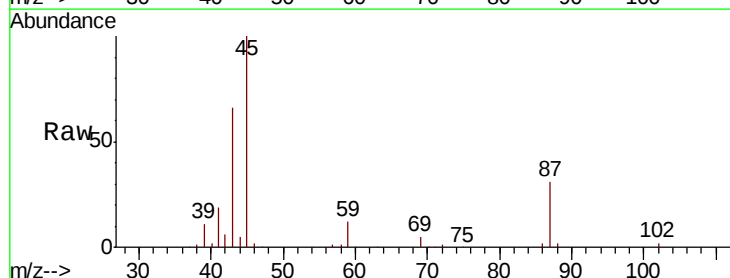
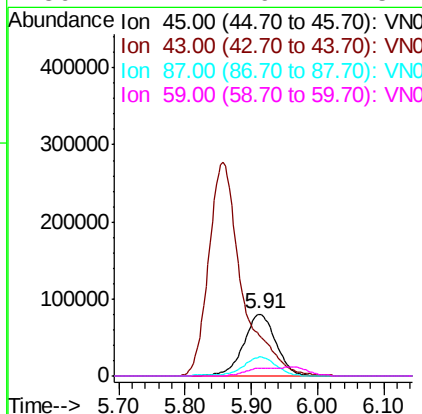
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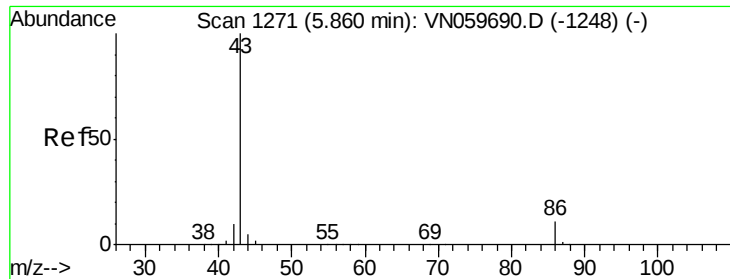


#22

Diisopropyl ether
Concen: 55.643 ug/l
RT: 5.91 min Scan# 1287
Delta R.T. -0.01 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Tgt Ion	Ratio	Lower	Upper
45	100		
43	65.0	50.8	76.2
87	30.5	21.0	31.6
59	12.1	9.1	13.7





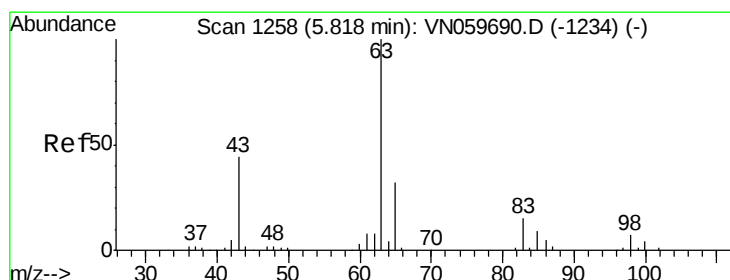
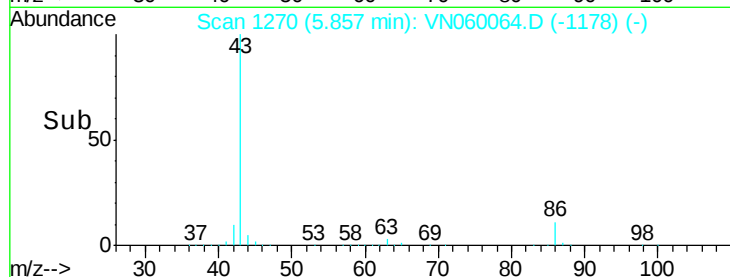
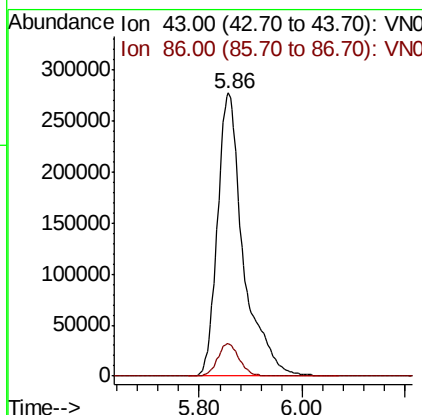
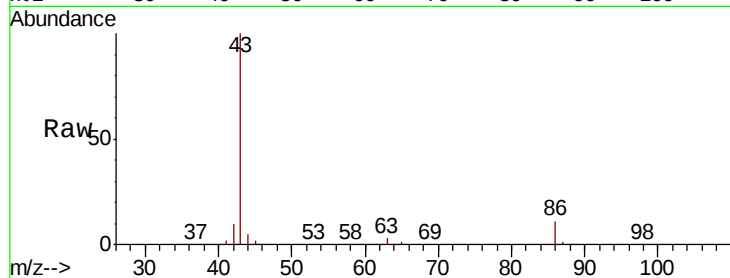
#23
 Vinyl Acetate
 Concen: 256.369 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VN060064.D
 Acq: 11 Feb 2020 16:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
86	11.3	7.6	11.4

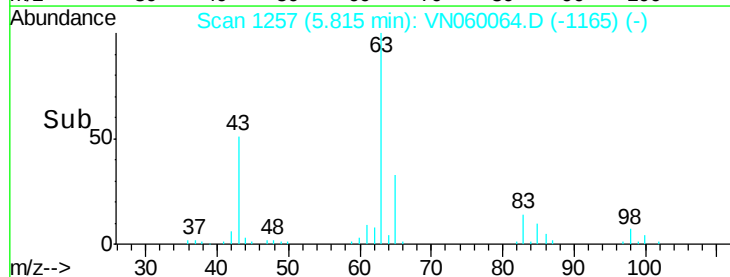
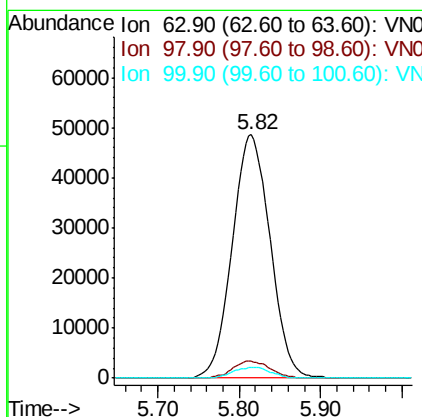
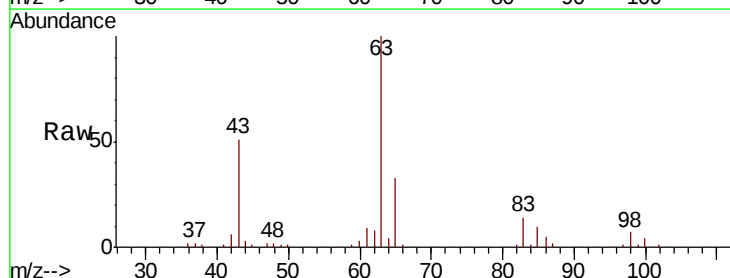
Manual Integrations
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#24
 1,1-Dichloroethane
 Concen: 52.646 ug/l
 RT: 5.82 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN060064.D
 Acq: 11 Feb 2020 16:04

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.9	2.9	8.7
100	4.5	2.0	6.0





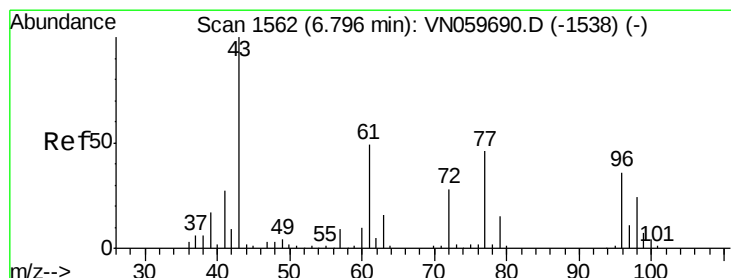
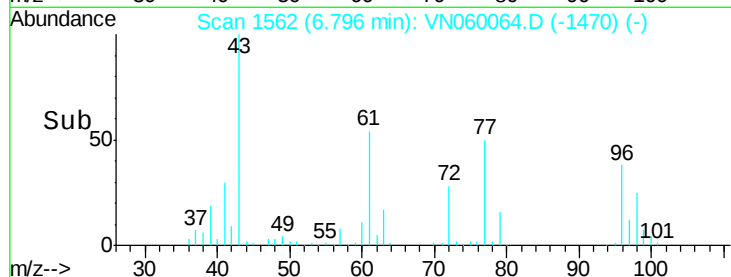
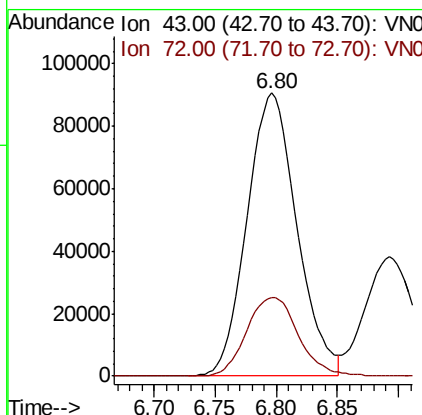
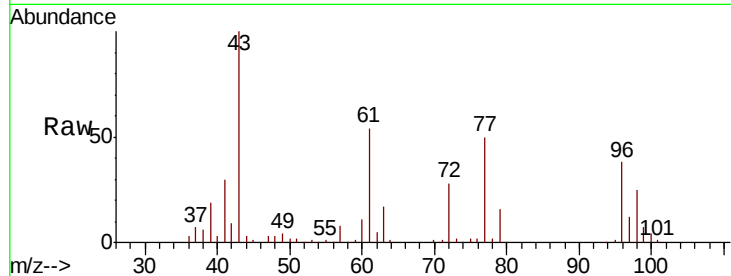
#25
2-Butanone
Concen: 234.614 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 257054
Ion Ratio Lower Upper
43 100
72 27.9 19.9 29.9

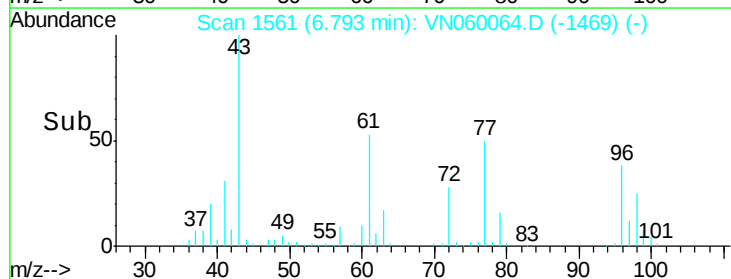
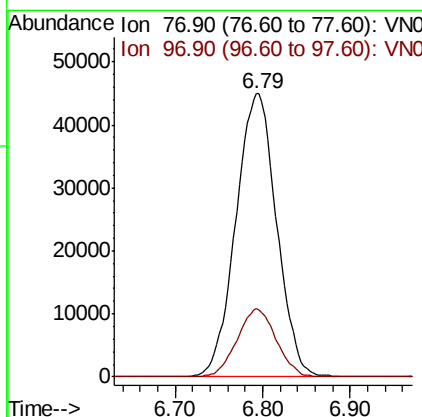
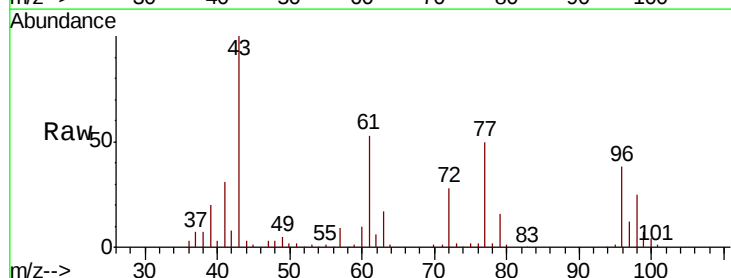
Manual Integrations
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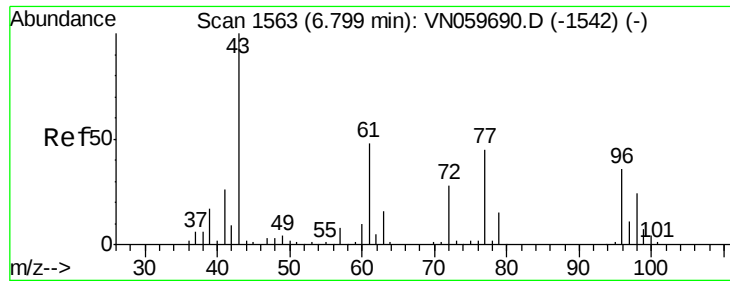
MMDadoda
2/12/2020 3:03:26 PM



#26
2,2-Dichloropropane
Concen: 50.747 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Tgt Ion: 77 Resp: 145138
Ion Ratio Lower Upper
77 100
97 23.0 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 52.496 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060064.D

Acq: 11 Feb 2020 16:04

Instrument :

MSVOA_N

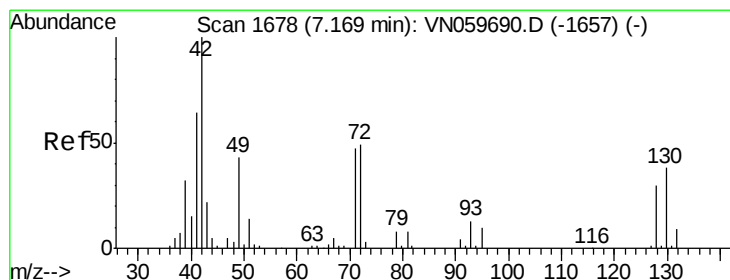
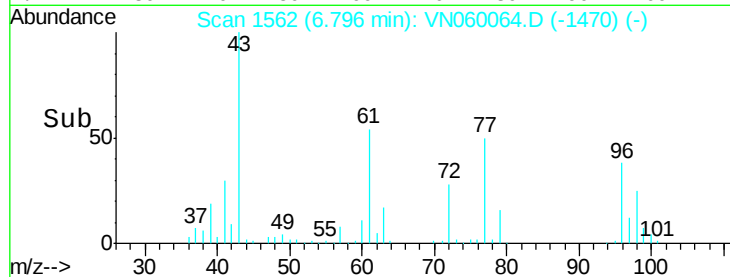
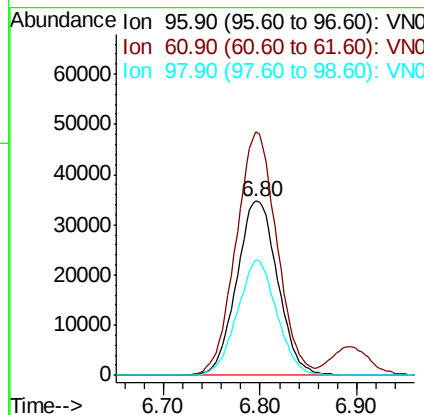
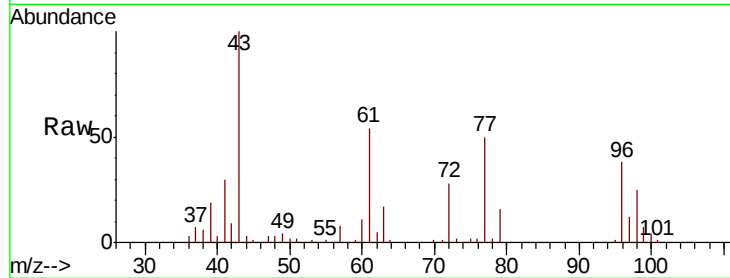
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	102304
Ion Ratio	Lower	Upper	
96	100		
61	139.2	0.0	317.6
98	63.8	0.0	127.0

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2/12/2020 3:03:26 PM



#28

Bromochloromethane

Concen: 54.475 ug/l

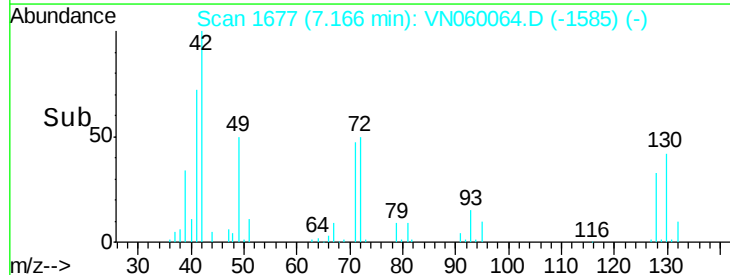
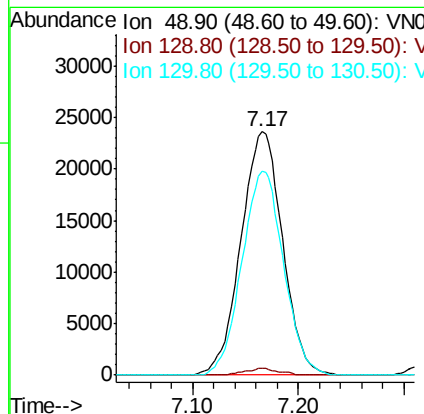
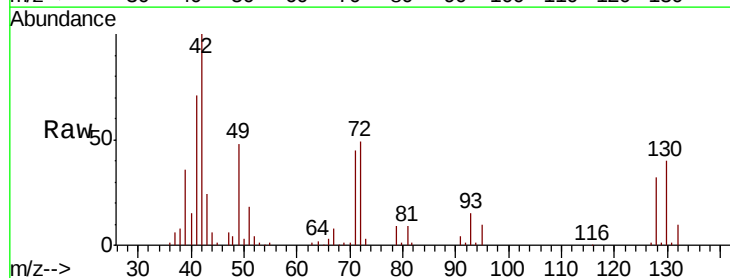
RT: 7.17 min Scan# 1677

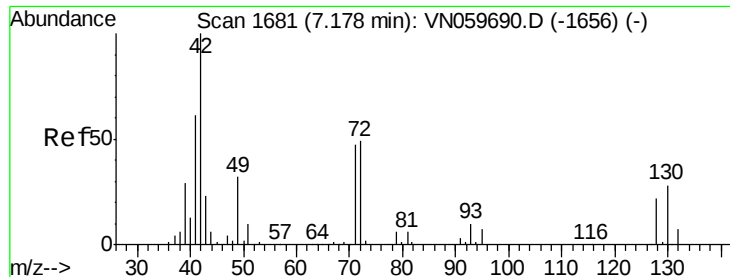
Delta R.T. -0.00 min

Lab File: VN060064.D

Acq: 11 Feb 2020 16:04

Tgt Ion:	49	Resp:	64773
Ion Ratio	Lower	Upper	
49	100		
129	2.2	0.0	3.4
130	83.7	54.7	82.1#





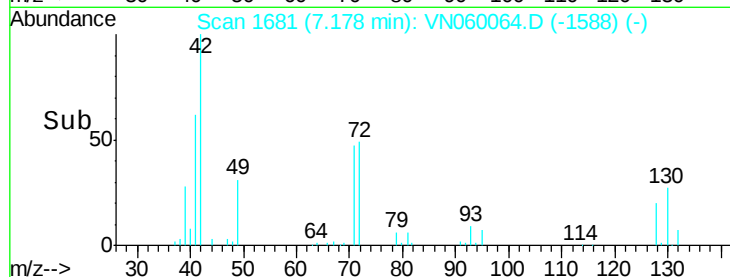
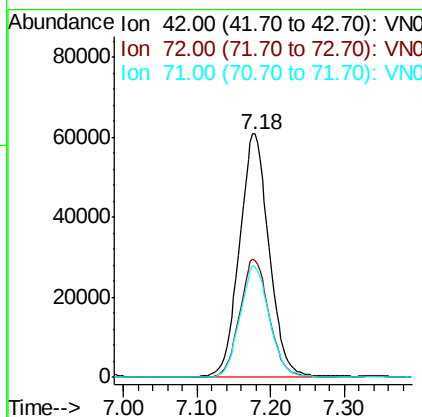
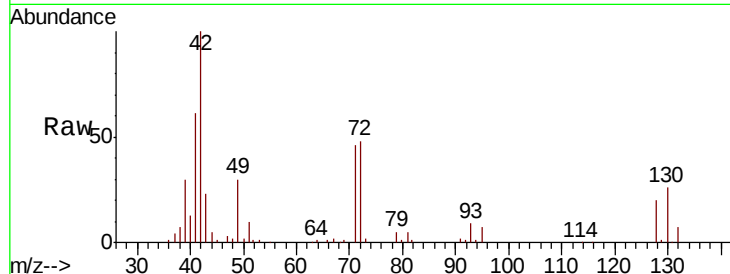
#29
Tetrahydrofuran
Concen: 252.364 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.8	33.1	49.7
71	45.2	31.4	47.0

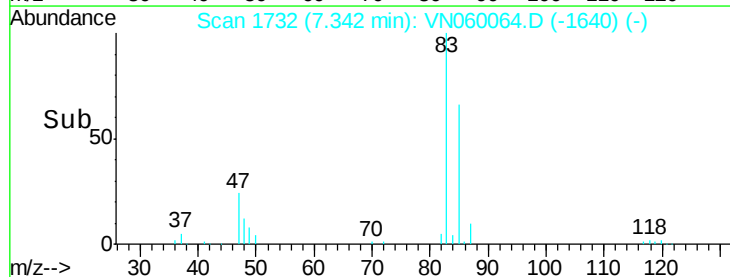
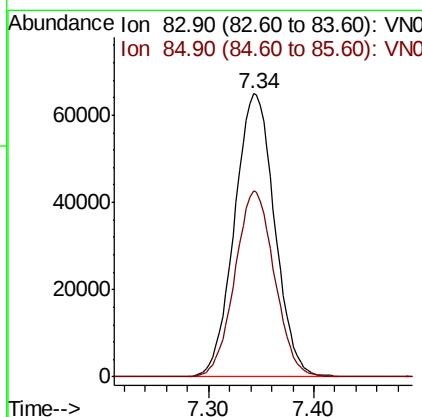
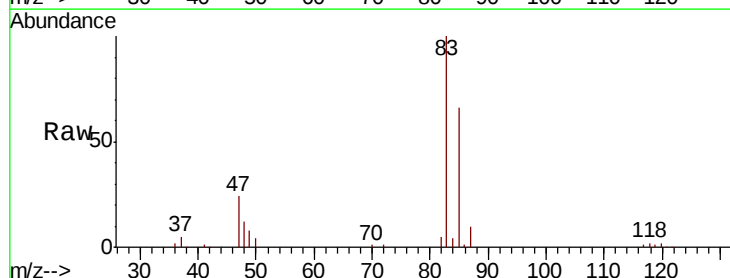
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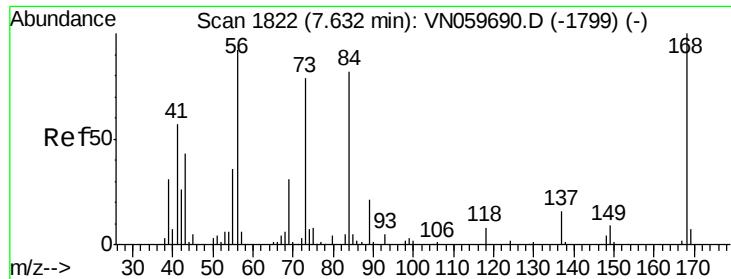
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#30
Chloroform
Concen: 55.743 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.4	78.6





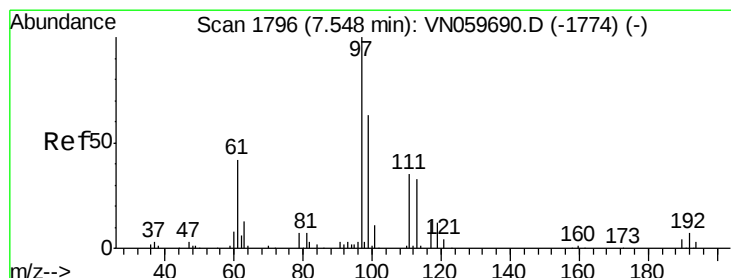
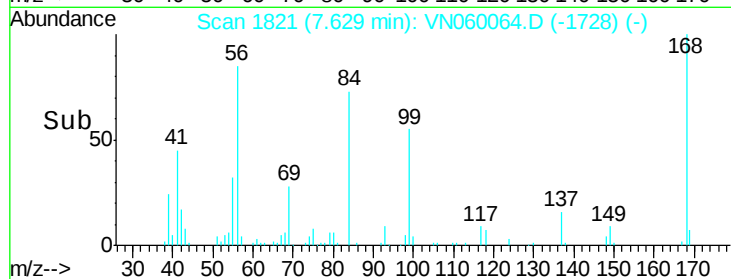
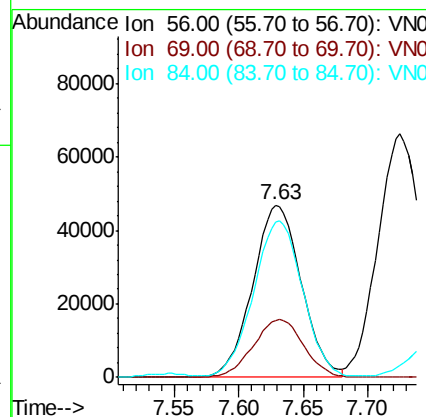
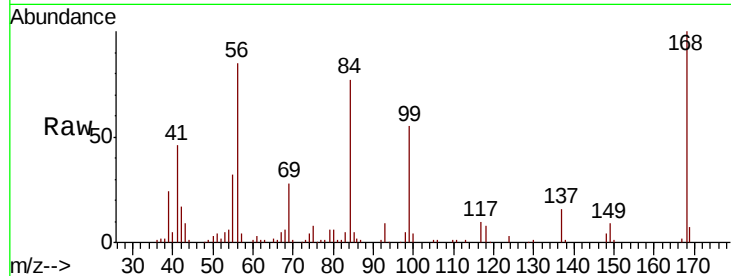
#31
Cyclohexane
Concen: 43.018 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.2	26.5	39.7
84	88.9	65.3	97.9

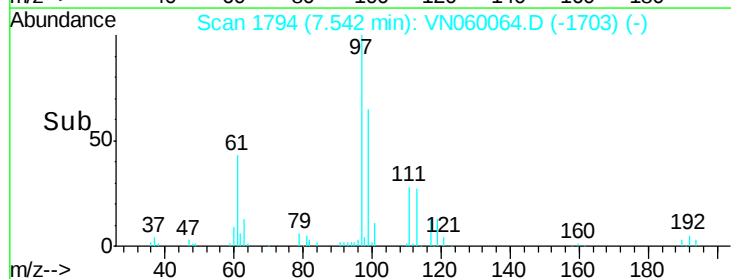
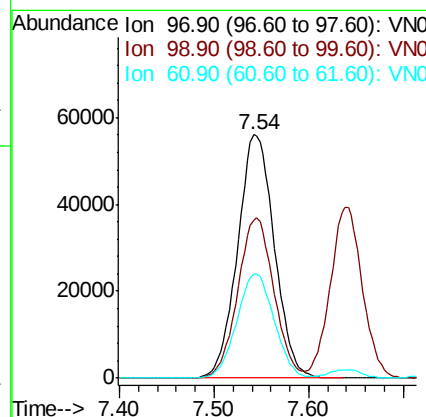
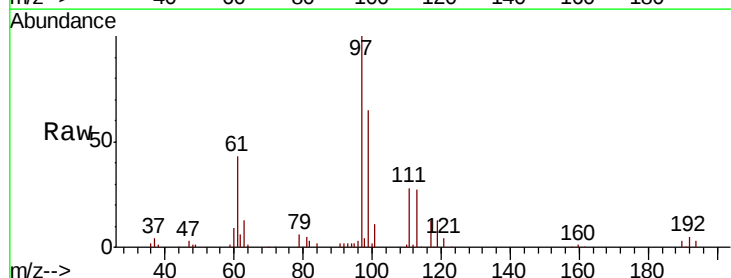
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2/12/2020 3:03:26 PM



#32
1,1,1-Trichloroethane
Concen: 53.036 ug/l
RT: 7.54 min Scan# 1794
Delta R.T. -0.01 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.0	76.4
61	43.6	38.5	57.7





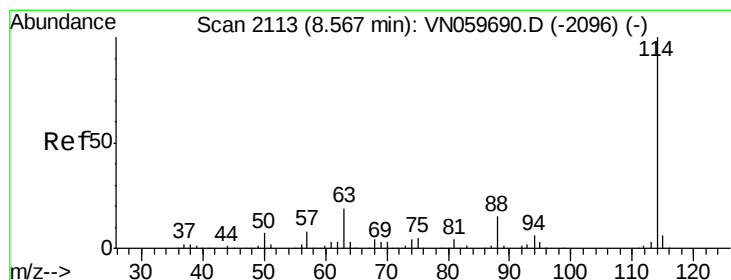
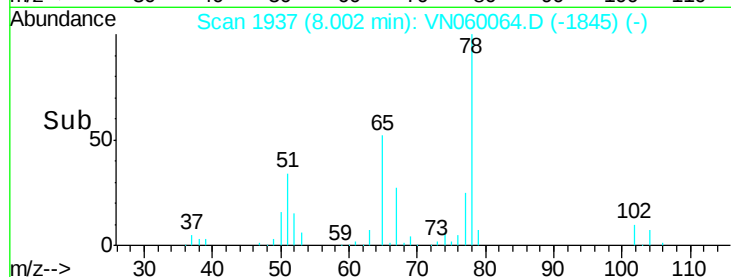
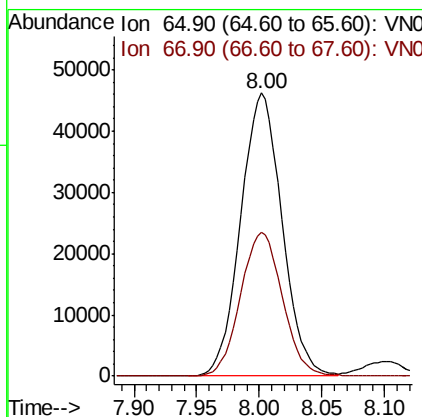
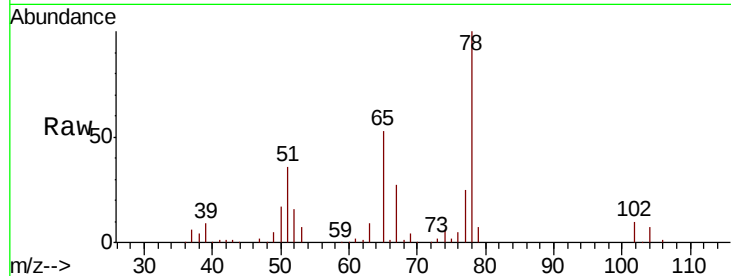
#33
 1,2-Dichloroethane-d4
 Concen: 54.837 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060064.D
 Acq: 11 Feb 2020 16:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.4	0.0	103.0	

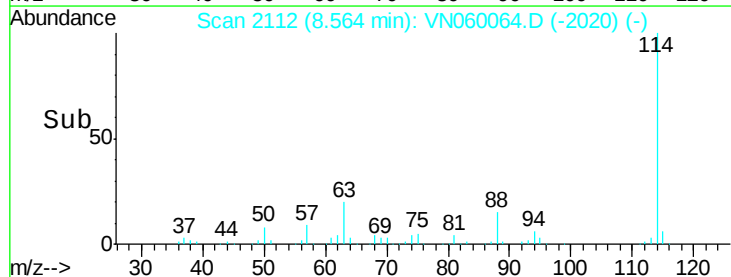
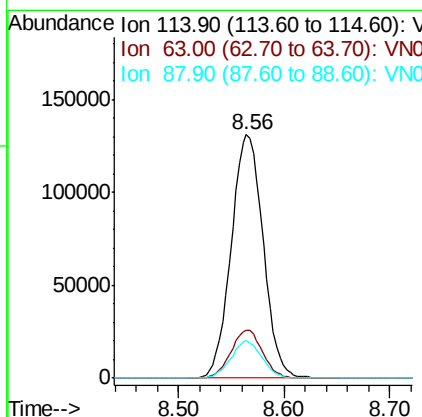
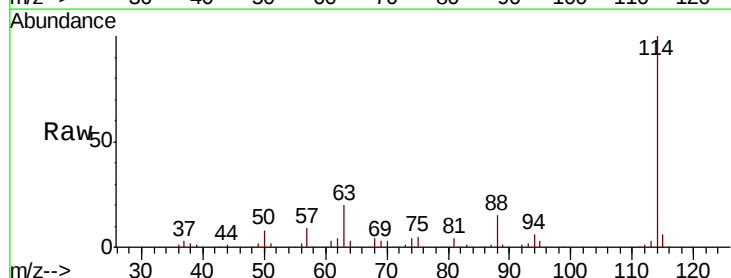
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 2/12/2020 3:03:26 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060064.D
 Acq: 11 Feb 2020 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.7	0.0	43.6	
88	15.2	0.0	31.4	





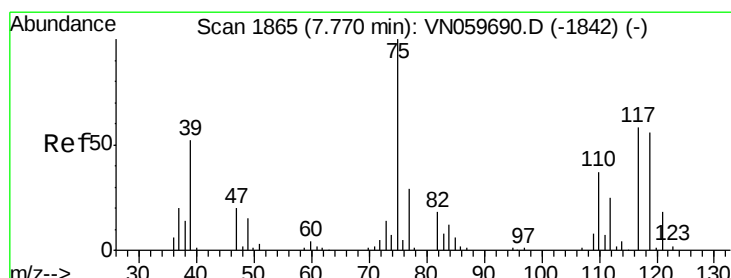
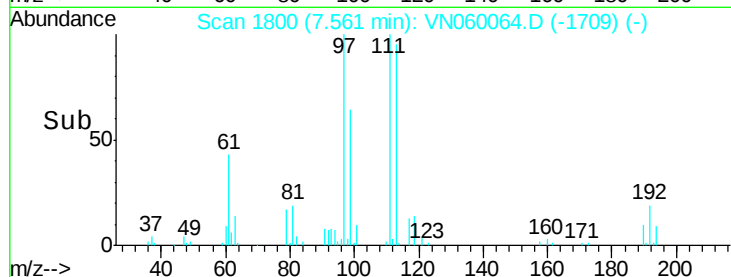
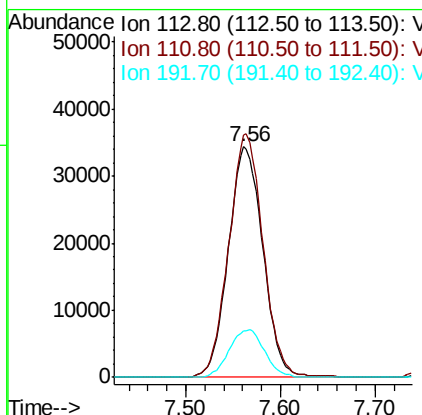
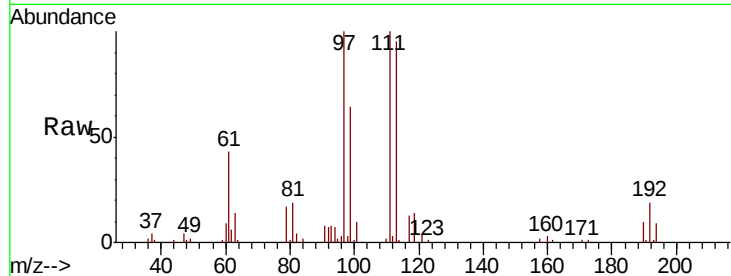
#35
 Dibromofluoromethane
 Concen: 53.280 ug/l
 RT: 7.56 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: VN060064.D
 Acq: 11 Feb 2020 16:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.4	83.5	125.3
192	21.0	15.4	23.2

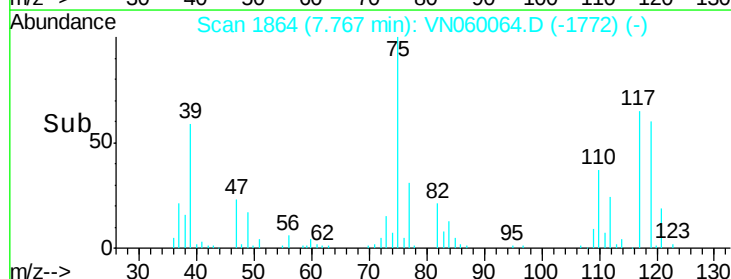
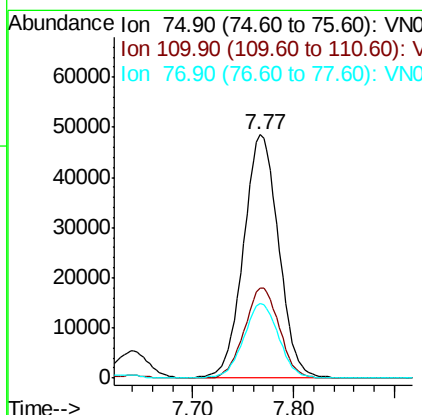
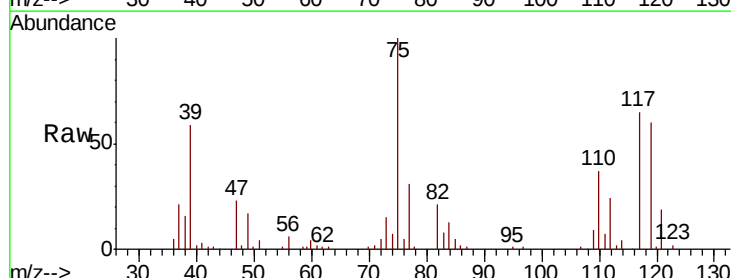
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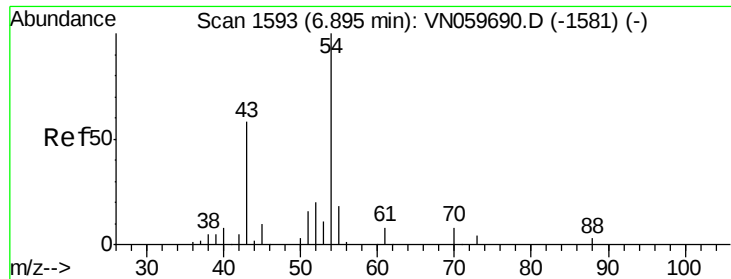
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 2/12/2020 3:03:26 PM



#36
 1,1-Dichloropropene
 Concen: 48.872 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN060064.D
 Acq: 11 Feb 2020 16:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	16.6	49.7
77	30.6	25.1	37.7





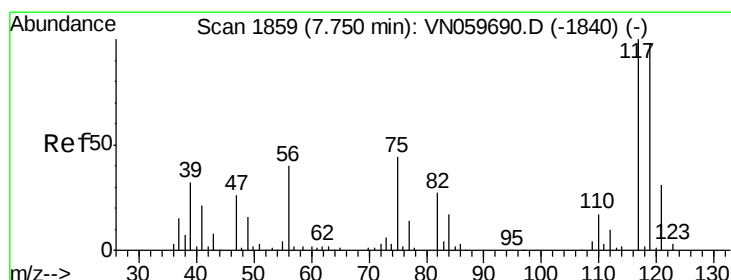
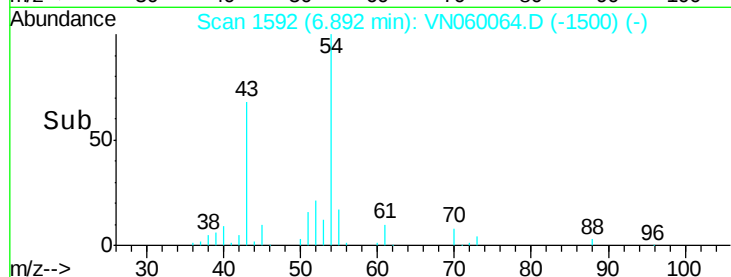
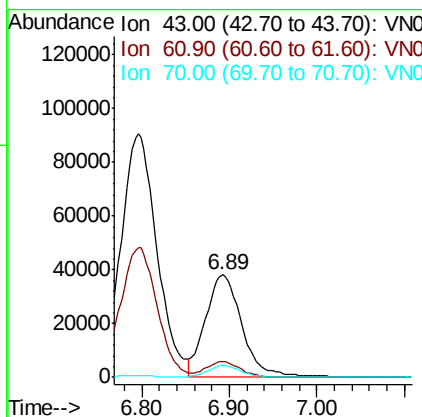
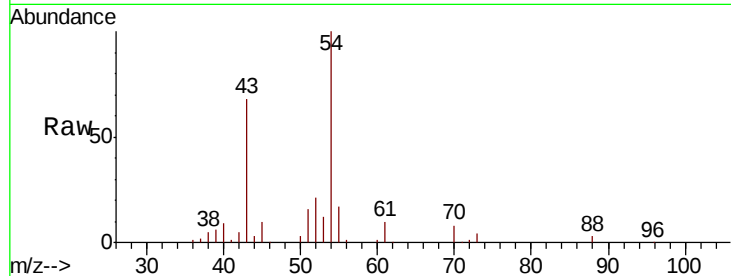
#37
Ethyl Acetate
Concen: 48.429 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	10.9	16.3
70	10.8	7.7	11.5

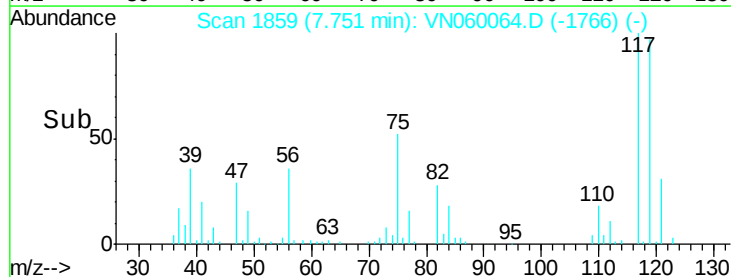
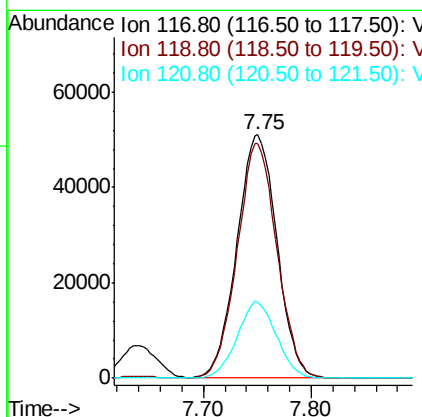
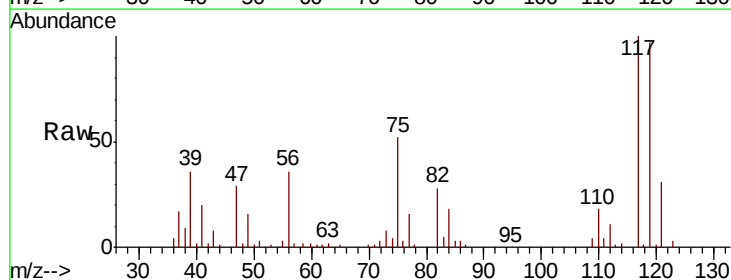
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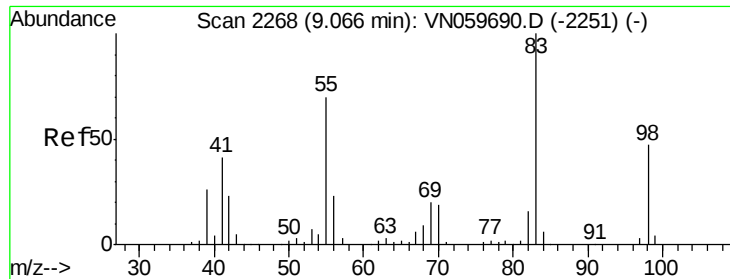
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2/12/2020 3:03:26 PM



#38
Carbon Tetrachloride
Concen: 50.597 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.5	114.7
121	31.4	25.1	37.7





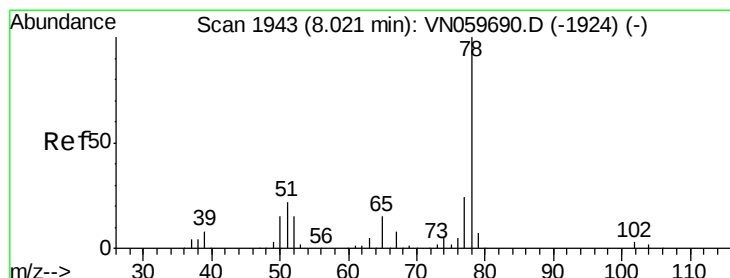
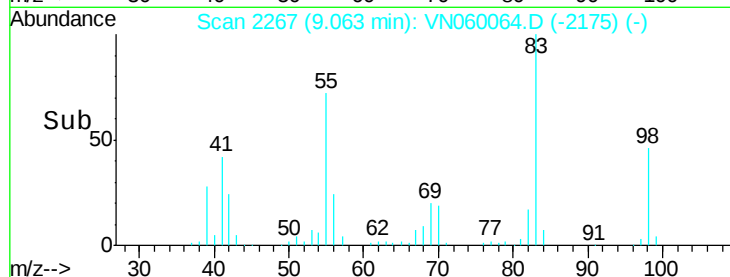
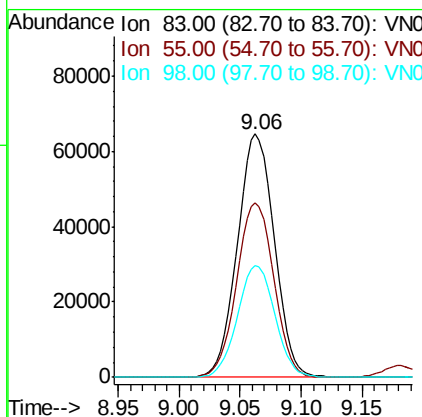
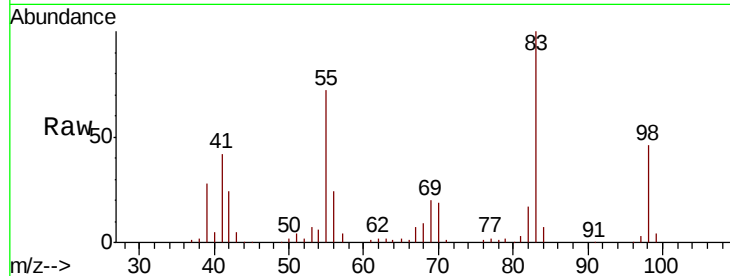
#39
Methvlcvclohexane
Concen: 45.867 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.5	64.2	96.2
98	45.9	35.9	53.9

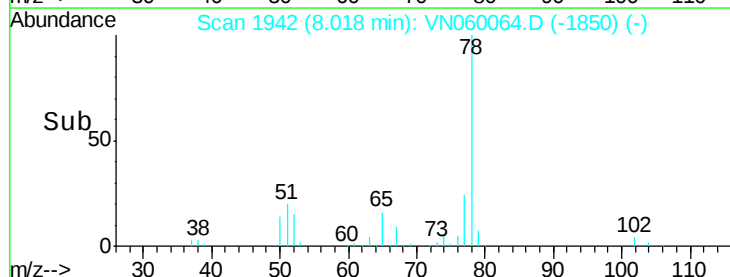
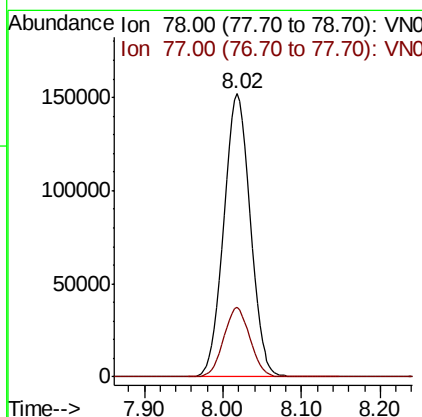
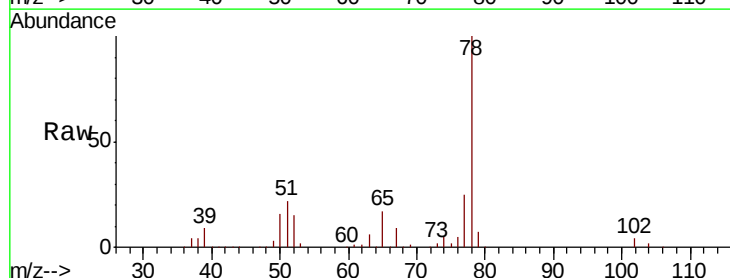
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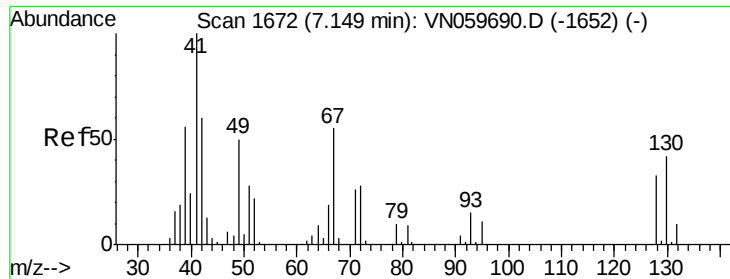
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#40
Benzene
Concen: 49.554 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.9	28.3





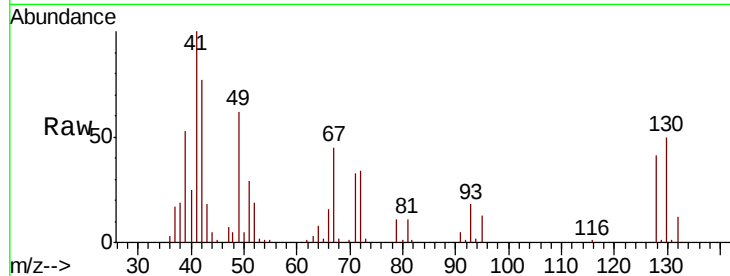
#41
Methacrylonitrile
Concen: 50.577 ug/l m
RT: 7.15 min Scan# 1672
Delta R.T. 0.00 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

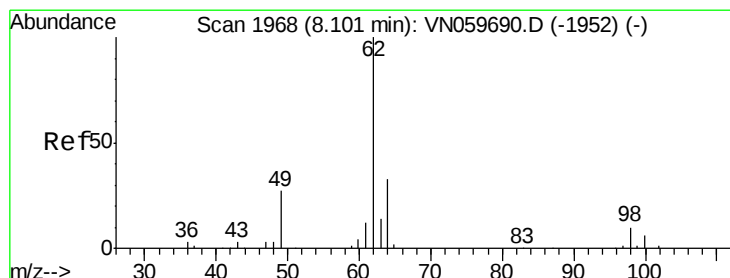
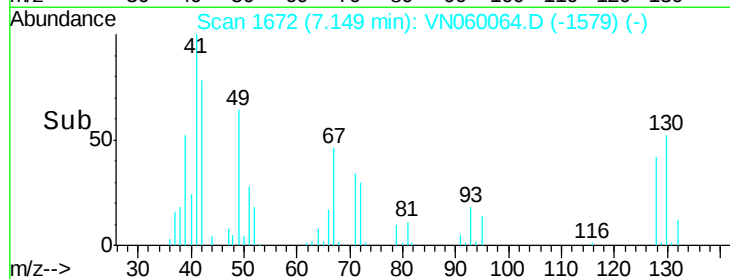
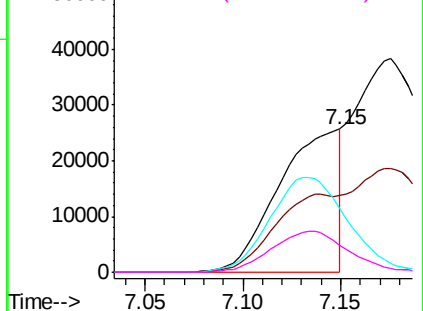
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

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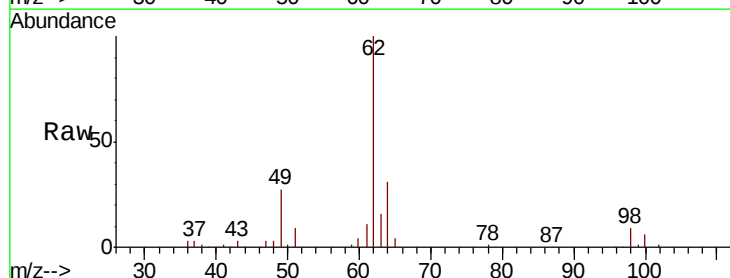


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

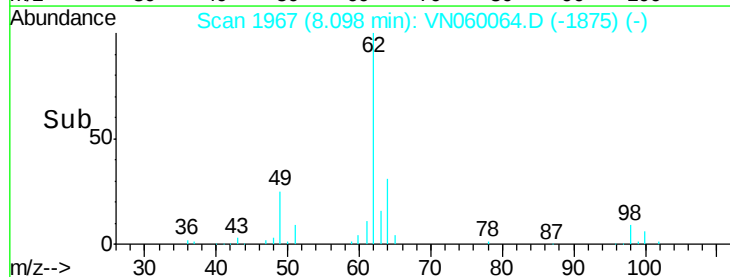
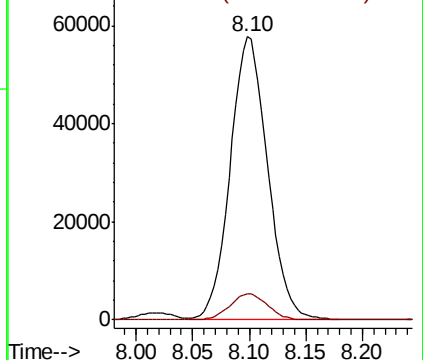


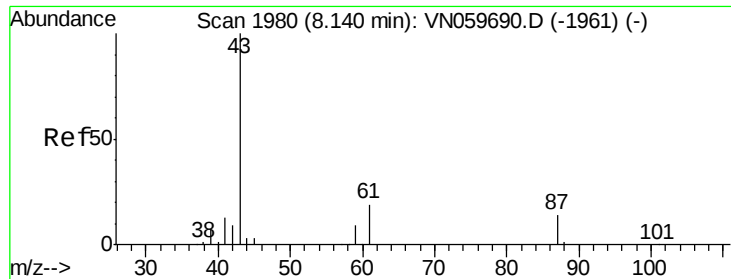
#42
1,2-Dichloroethane
Concen: 54.403 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. -0.00 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	15.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 50.640 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060064.D

Acq: 11 Feb 2020 16:04

Instrument :

MSVOA_N

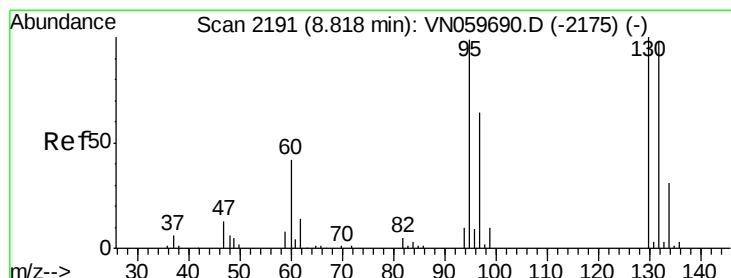
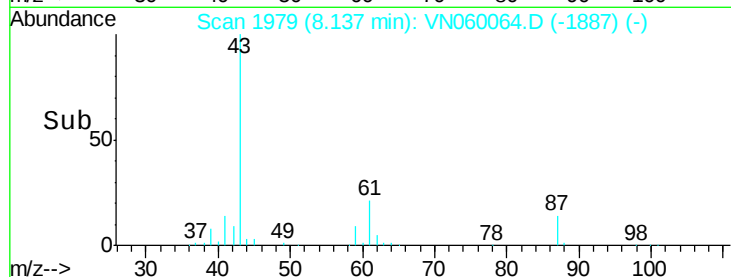
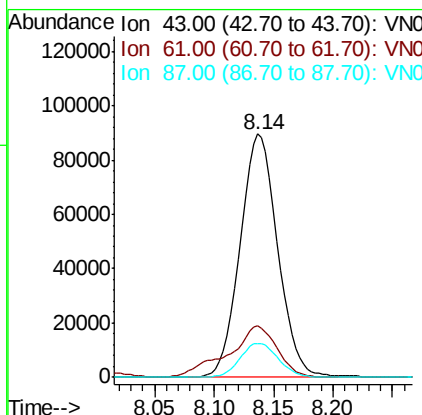
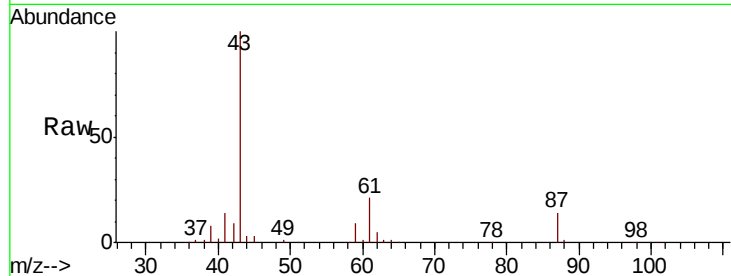
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	195749
Ion	Ratio	Lower	Upper
43	100		
61	27.7	20.2	30.2
87	14.3	9.5	14.3#

Manual Integrations
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2/12/2020 3:03:26 PM



#44

Trichloroethene

Concen: 50.470 ug/l

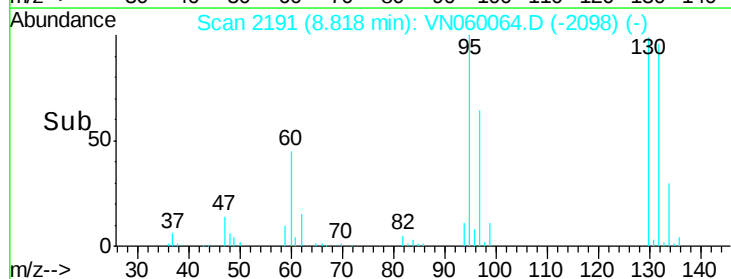
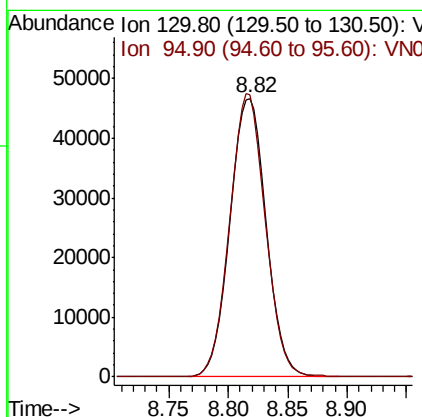
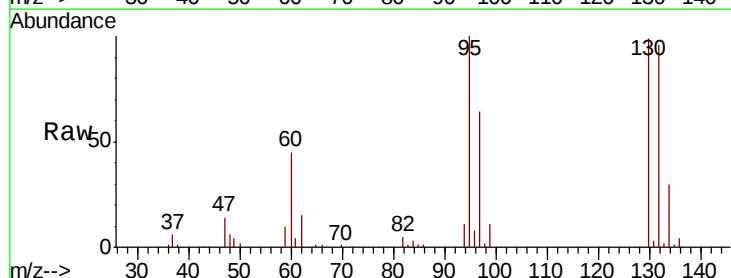
RT: 8.82 min Scan# 2191

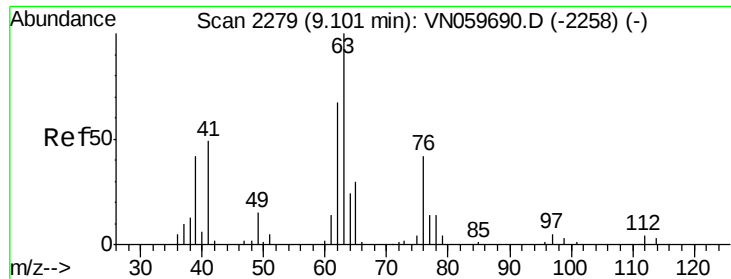
Delta R.T. 0.00 min

Lab File: VN060064.D

Acq: 11 Feb 2020 16:04

Tgt Ion:	130	Resp:	98457
Ion	Ratio	Lower	Upper
130	100		
95	101.0	0.0	207.0





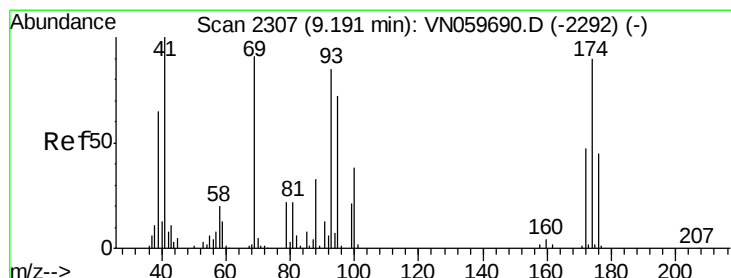
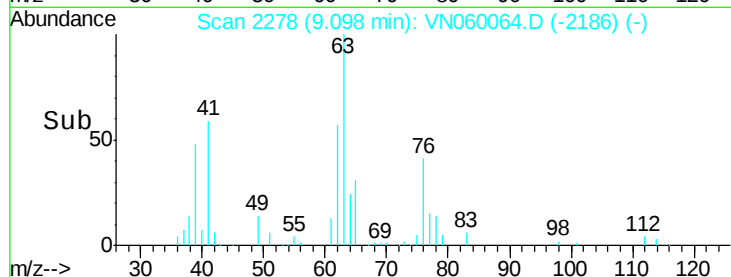
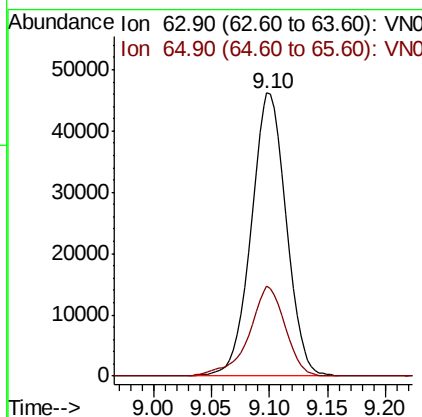
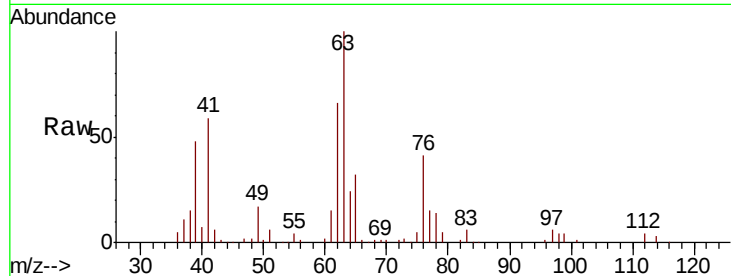
#45
 1,2-Dichloropropane
 Concen: 54.930 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: VN060064.D
 Acq: 11 Feb 2020 16:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 97133
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.9 37.3

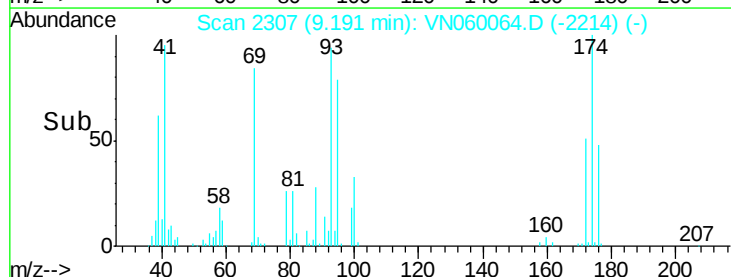
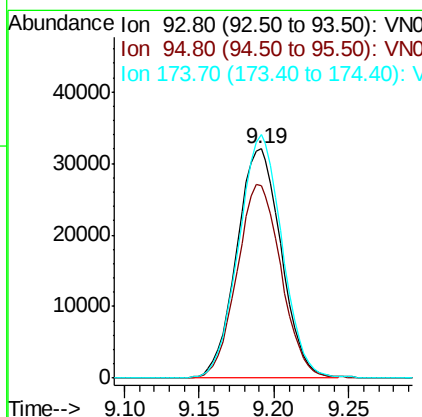
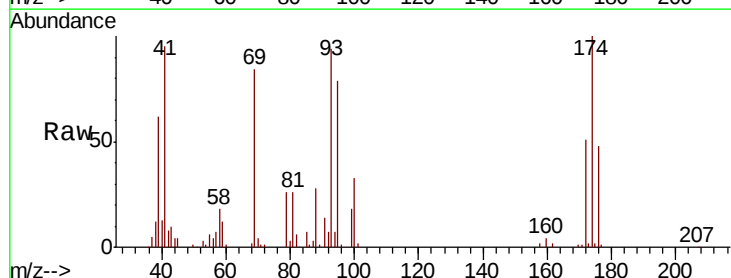
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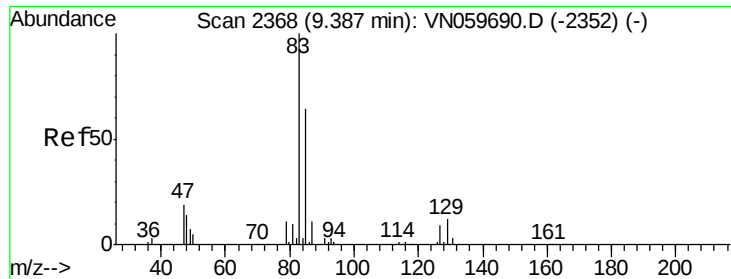
MMDadoda
 2/12/2020 3:03:26 PM



#46
 Dibromomethane
 Concen: 53.197 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN060064.D
 Acq: 11 Feb 2020 16:04

Tgt Ion: 93 Resp: 66357
 Ion Ratio Lower Upper
 93 100
 95 83.8 67.0 100.6
 174 103.8 73.4 110.2





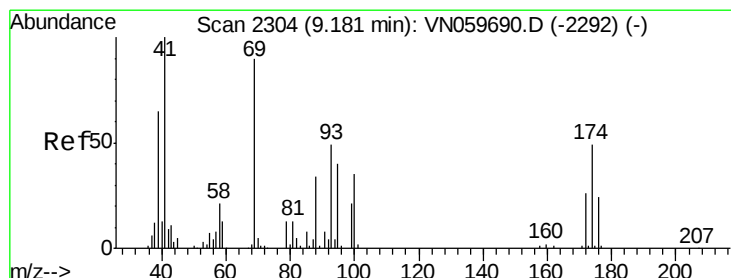
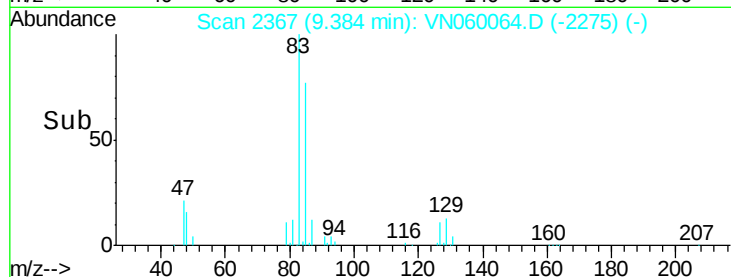
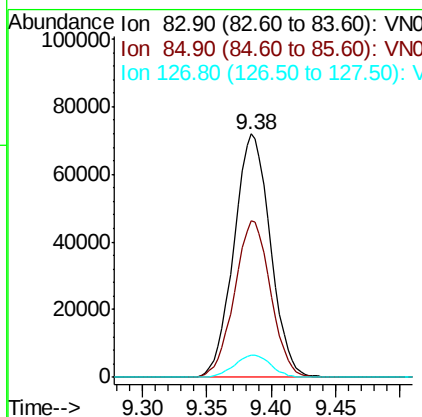
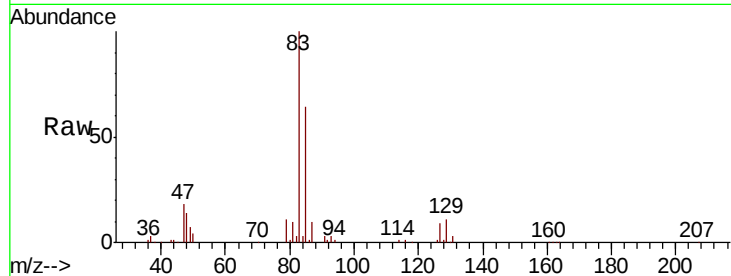
#47
 Bromodichloromethane
 Concen: 56.338 ug/l
 RT: 9.38 min Scan# 2367
 Delta R.T. -0.00 min
 Lab File: VN060064.D
 Acq: 11 Feb 2020 16:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.1	76.7
127	9.0	6.6	9.8

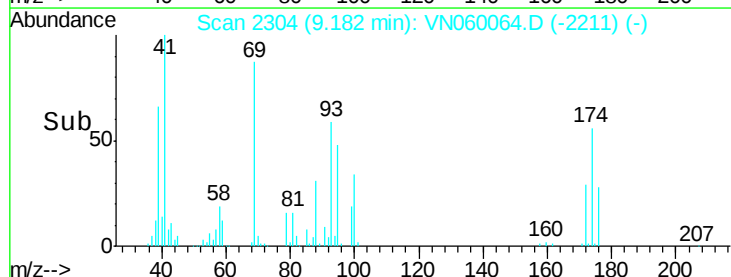
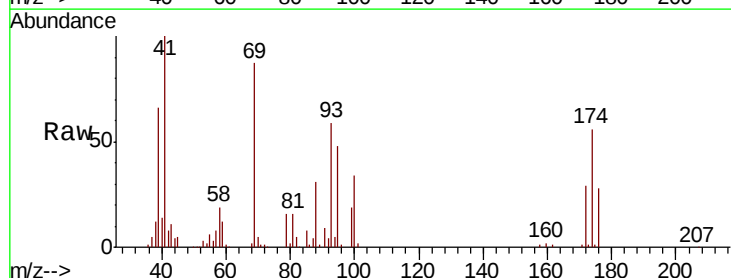
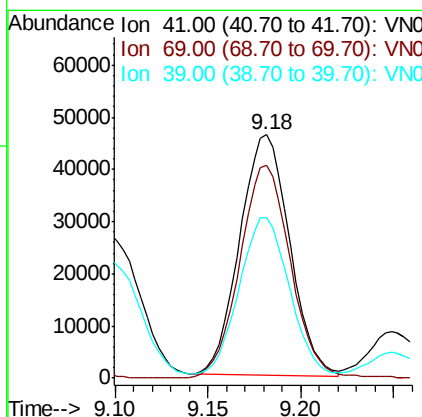
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#48
 Methyl methacrylate
 Concen: 49.755 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. 0.00 min
 Lab File: VN060064.D
 Acq: 11 Feb 2020 16:04

Tgt Ion	Ratio	Lower	Upper
41	100		
69	90.0	64.4	96.6
39	68.9	51.3	76.9





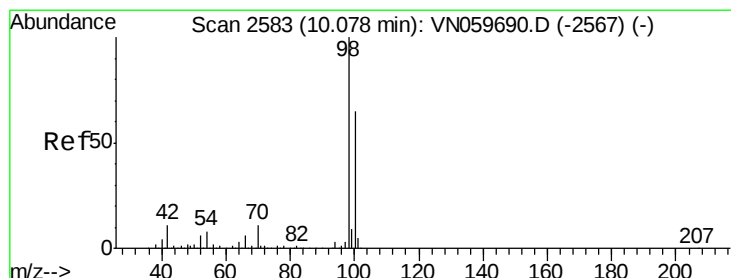
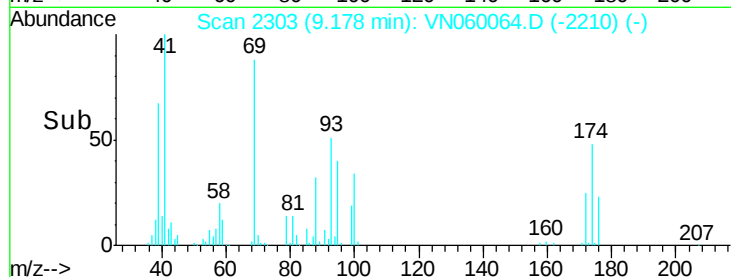
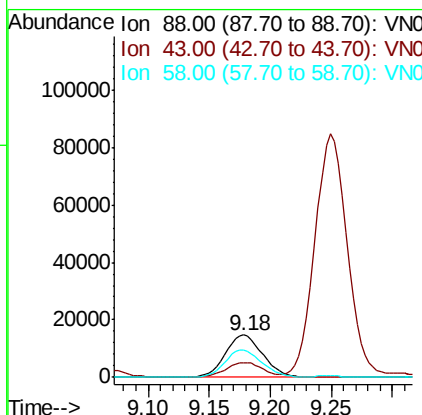
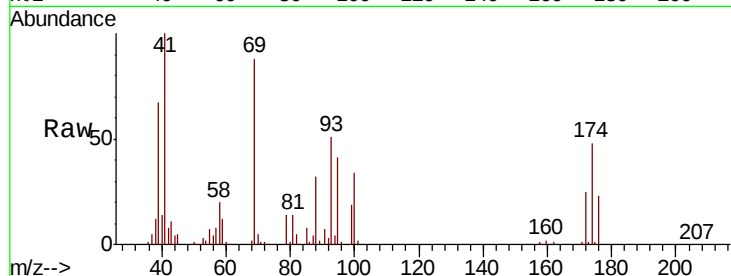
#49
1,4-Dioxane
Concen: 993.791 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	31456
Ion Ratio	Lower	Upper	
88	100		
43	31.8	29.7	44.5
58	64.0	56.6	85.0

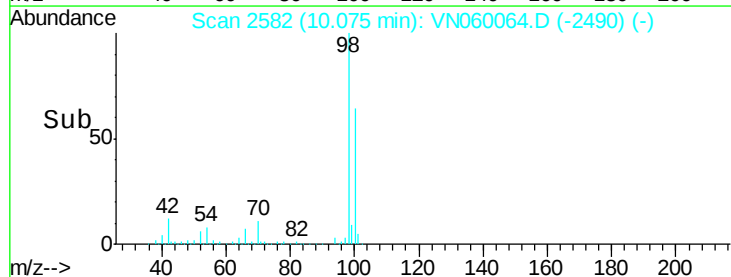
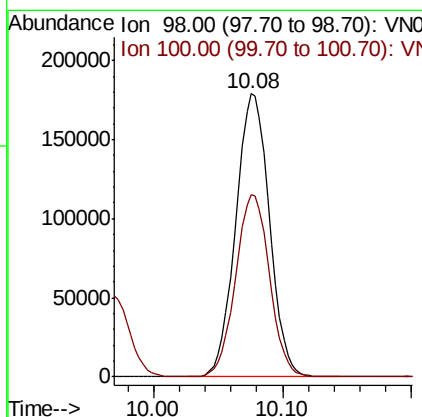
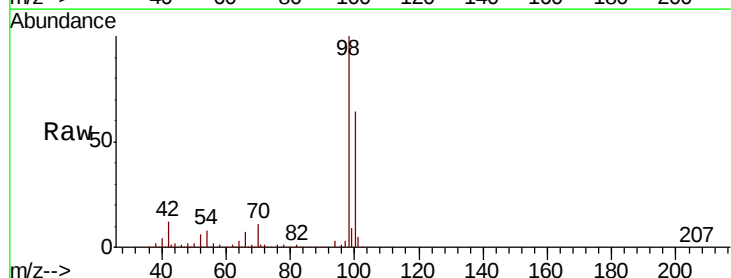
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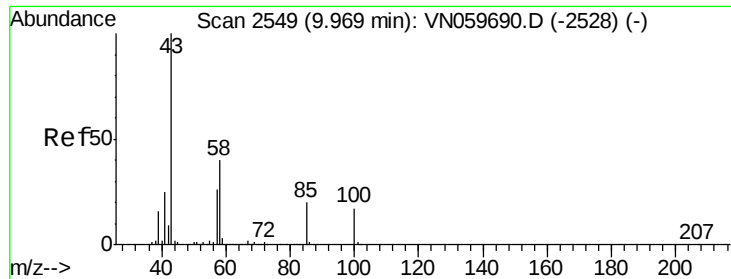
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#50
Toluene-d8
Concen: 51.109 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Tgt Ion	98	Resp	324921
Ion Ratio	Lower	Upper	
98	100		
100	64.8	51.2	76.8





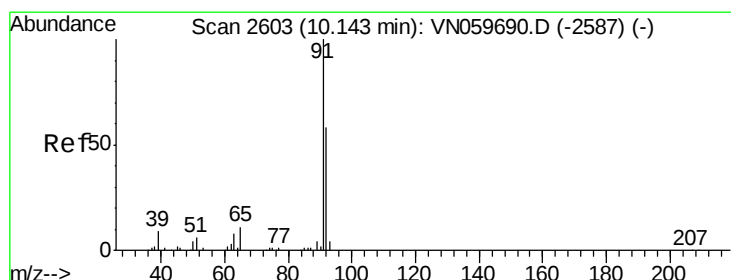
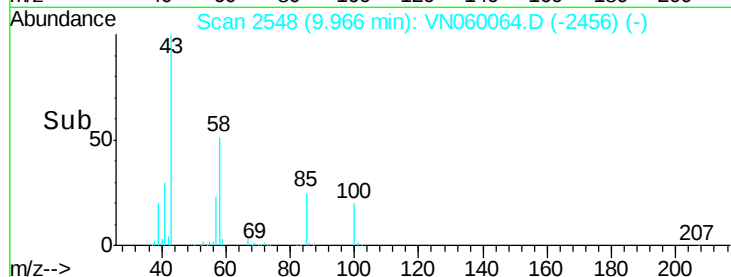
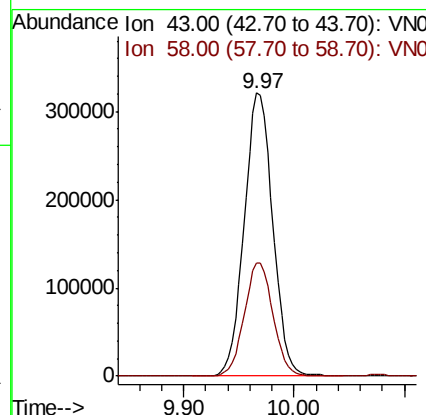
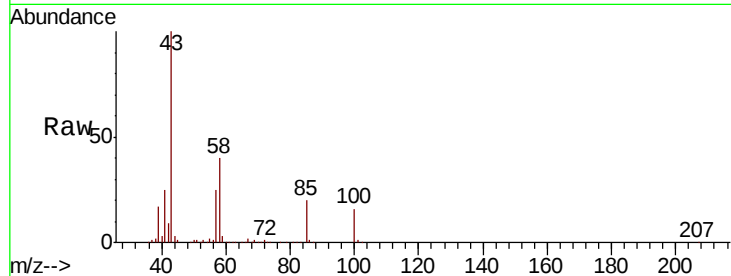
#51
4-Methyl-2-Pentanone
Concen: 256.091 ug/l
RT: 9.97 min Scan# 2548
Delta R.T. -0.00 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.4	29.8	44.8

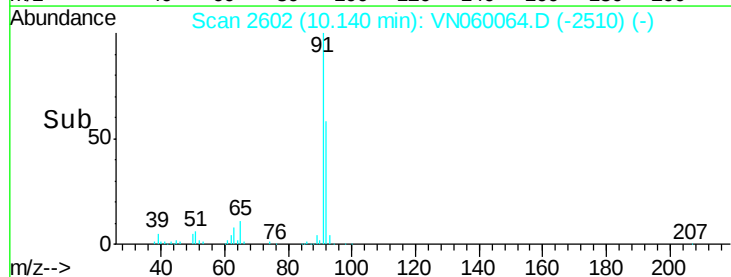
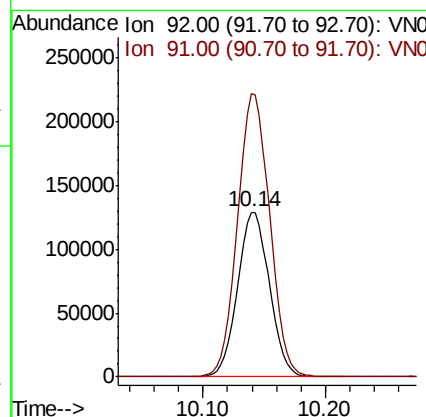
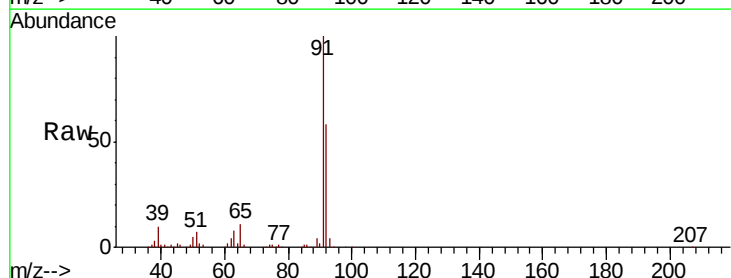
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#52
Toluene
Concen: 51.741 ug/l
RT: 10.14 min Scan# 2602
Delta R.T. -0.00 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.9	140.4	210.6





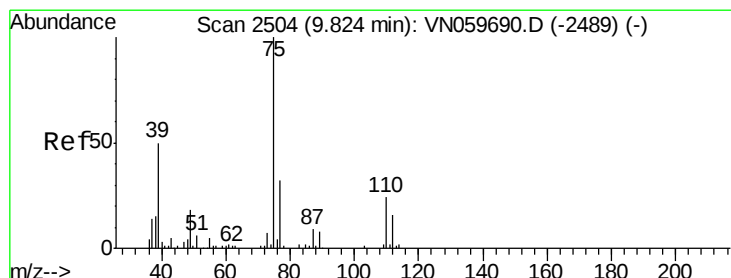
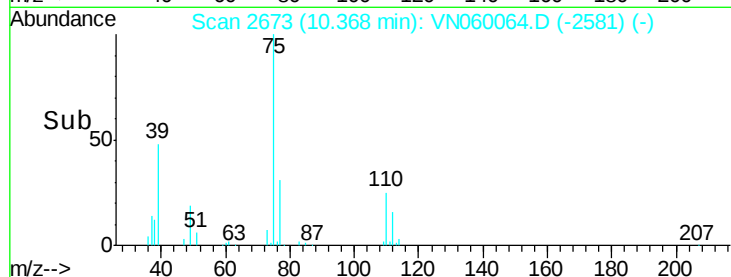
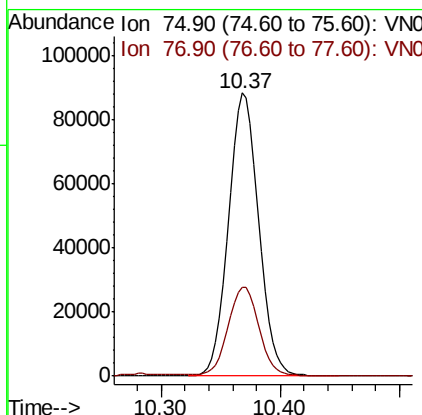
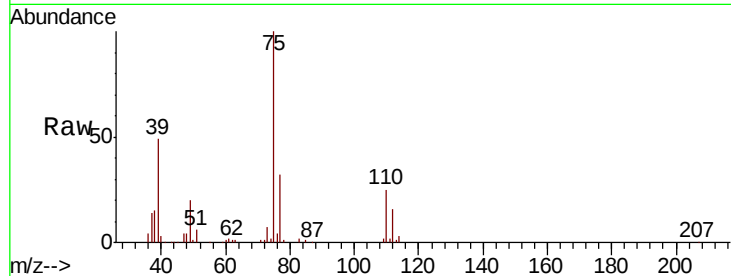
#53
t-1,3-Dichloropropene
Concen: 55.419 ug/l
RT: 10.37 min Scan# 2673
Delta R.T. -0.00 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 155544
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2

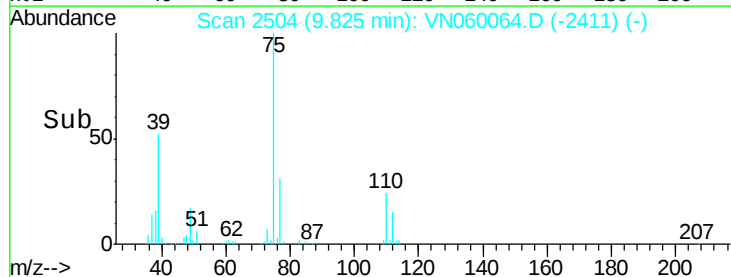
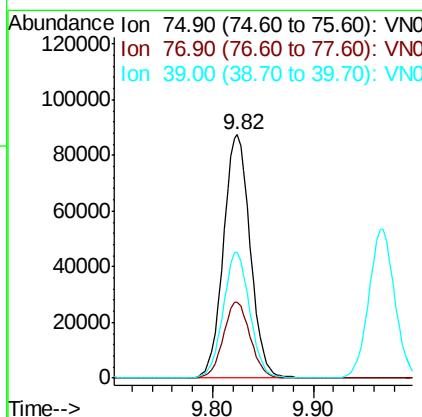
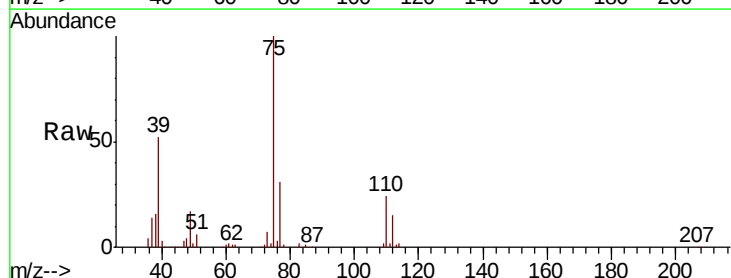
Manual Integrations
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#54
cis-1,3-Dichloropropene
Concen: 54.946 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. 0.00 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Tgt Ion: 75 Resp: 162266
Ion Ratio Lower Upper
75 100
77 31.2 25.1 37.7
39 51.8 46.1 69.1





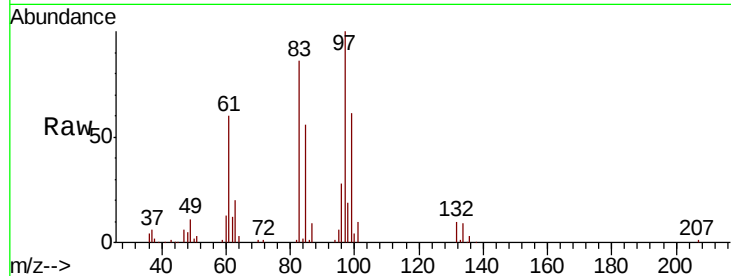
#55
 1,1,2-Trichloroethane
 Concen: 54.973 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN060064.D
 Acq: 11 Feb 2020 16:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.1	71.3	106.9
85	56.2	45.8	68.8
99	61.5	50.0	75.0

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 2/12/2020 3:03:26 PM



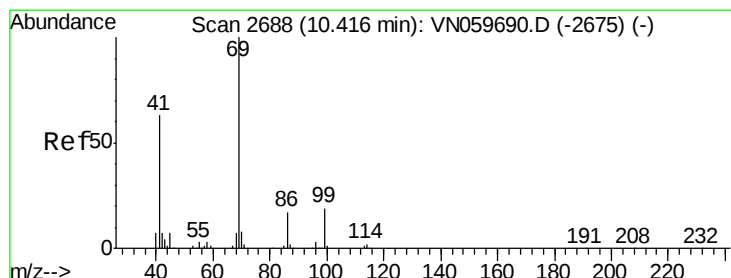
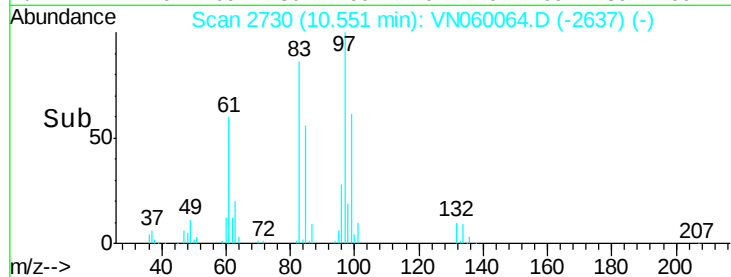
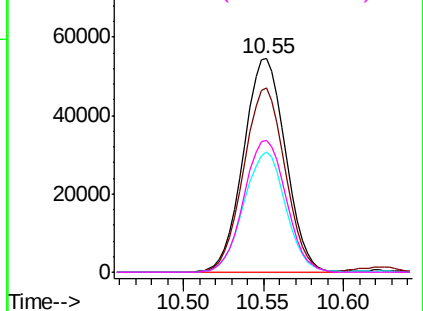
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

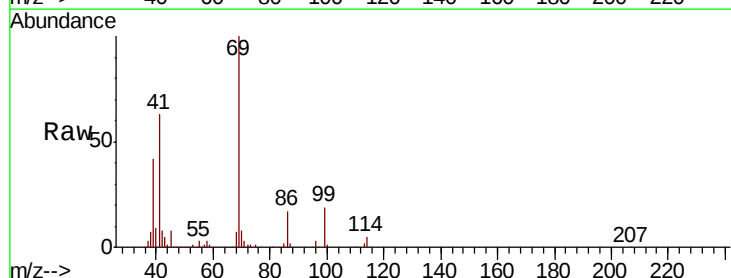
Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56
 Ethyl methacrylate
 Concen: 51.846 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN060064.D
 Acq: 11 Feb 2020 16:04

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.0	57.1	85.7
39	41.7	34.7	52.1

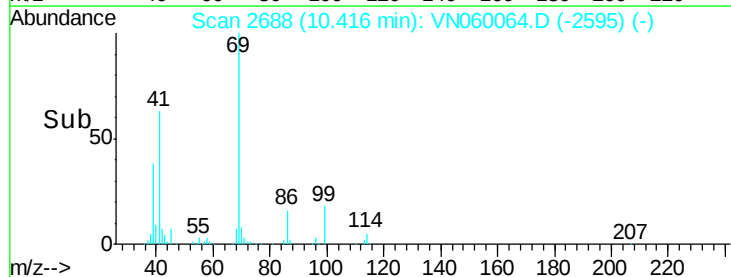
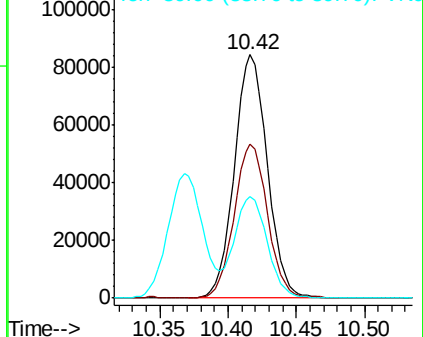


Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





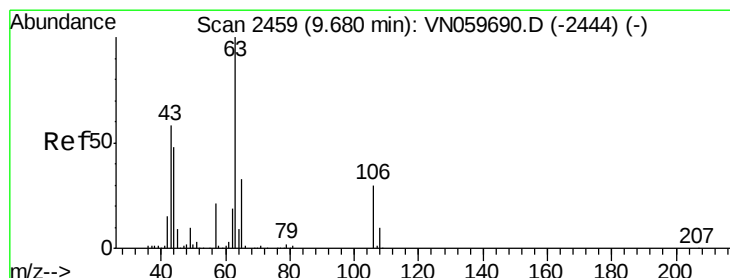
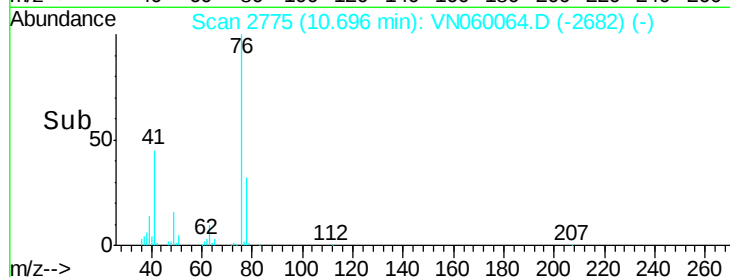
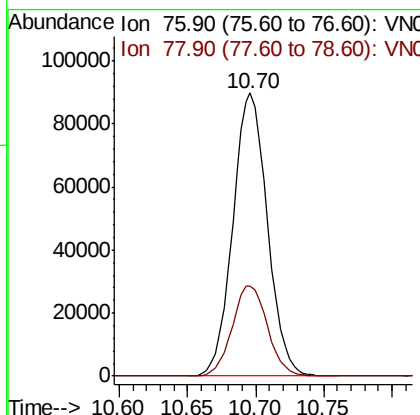
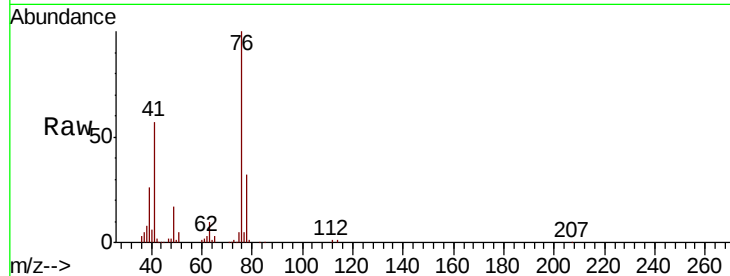
#57
 1,3-Dichloropropane
 Concen: 55.383 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. 0.00 min
 Lab File: VN060064.D
 Acq: 11 Feb 2020 16:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.8	38.8

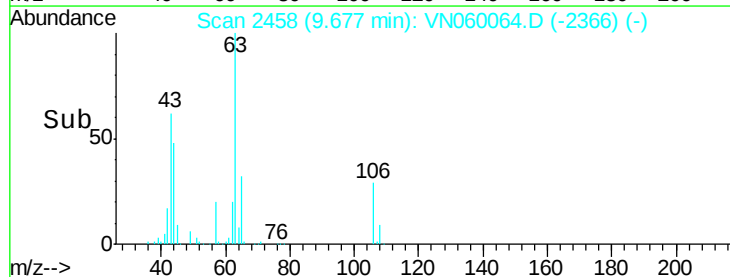
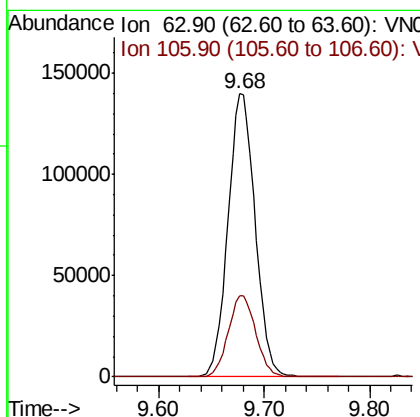
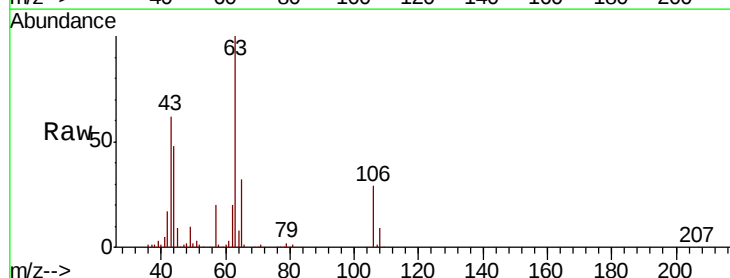
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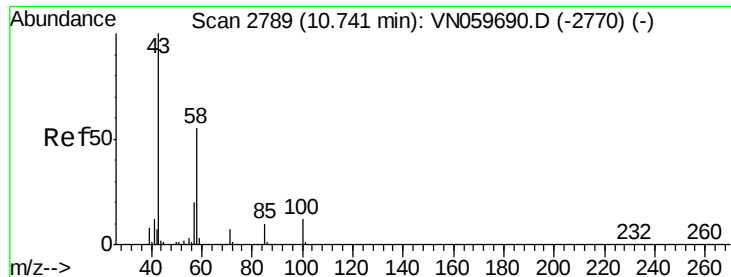
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#58
 2-Chloroethyl Vinyl ether
 Concen: 301.912 ug/l
 RT: 9.68 min Scan# 2458
 Delta R.T. -0.00 min
 Lab File: VN060064.D
 Acq: 11 Feb 2020 16:04

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.1	20.2	30.2





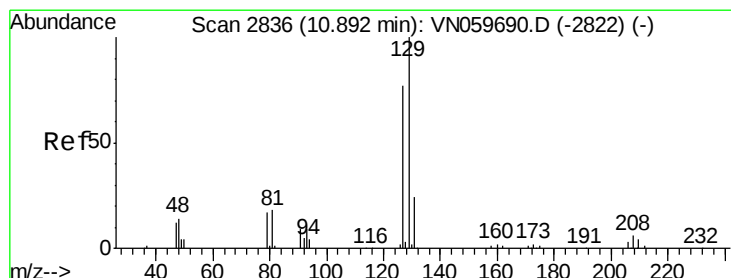
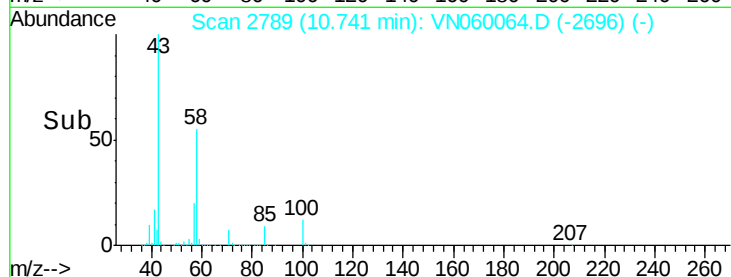
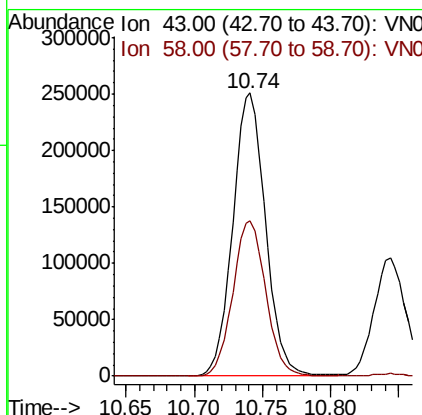
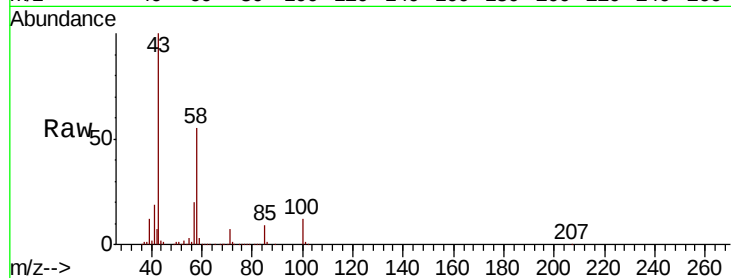
#59
2-Hexanone
Concen: 252.831 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 416209
Ion Ratio Lower Upper
43 100
58 55.3 25.8 77.3

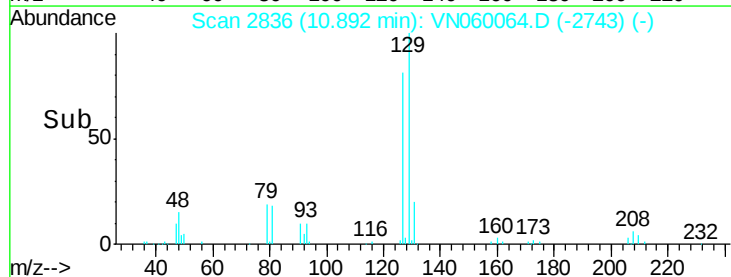
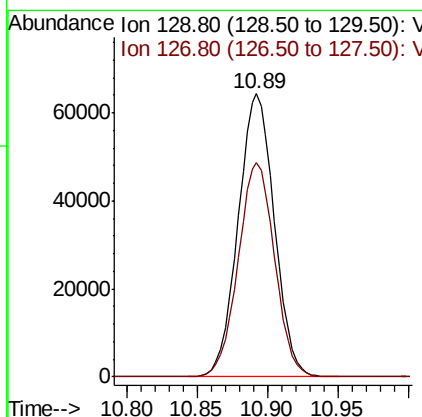
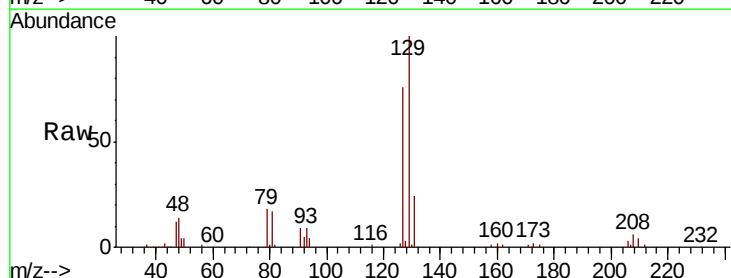
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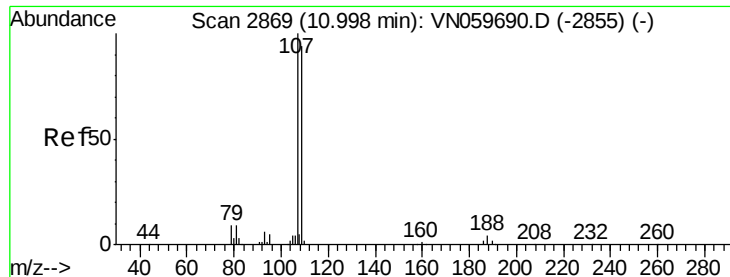
MMDadoda
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#60
Dibromochloromethane
Concen: 56.781 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Tgt Ion: 129 Resp: 115595
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 53.626 ug/l

RT: 10.99 min Scan# 2868

Delta R.T. -0.00 min

Lab File: VN060064.D

Acq: 11 Feb 2020 16:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 100482

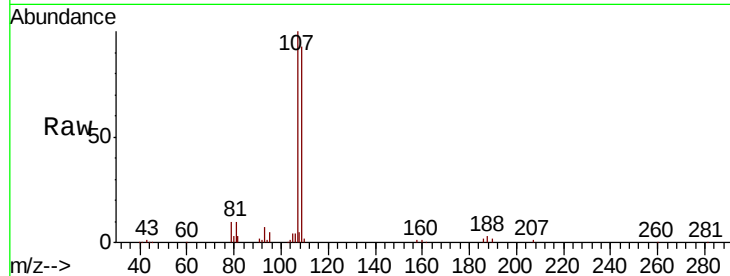
Ion Ratio Lower Upper

107 100

109 94.8 76.6 115.0

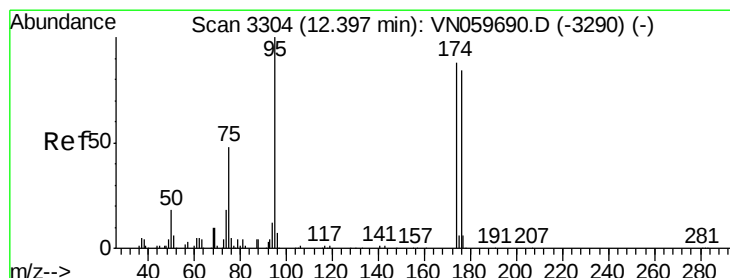
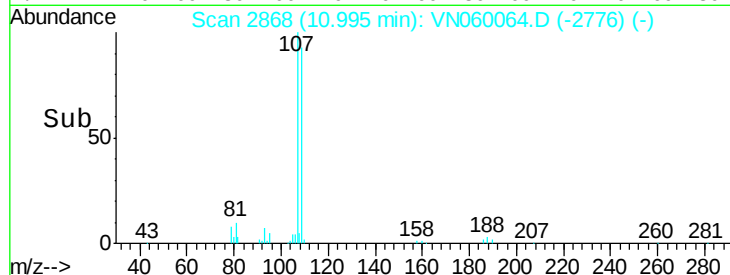
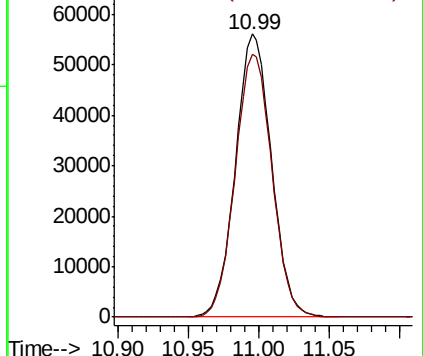
Manual Integrations
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 55.542 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060064.D

Acq: 11 Feb 2020 16:04

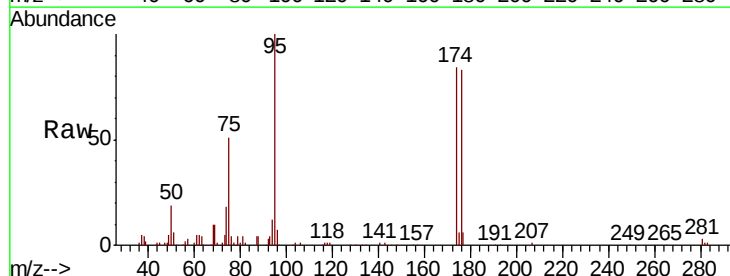
Tgt Ion: 95 Resp: 127295

Ion Ratio Lower Upper

95 100

174 84.7 0.0 151.4

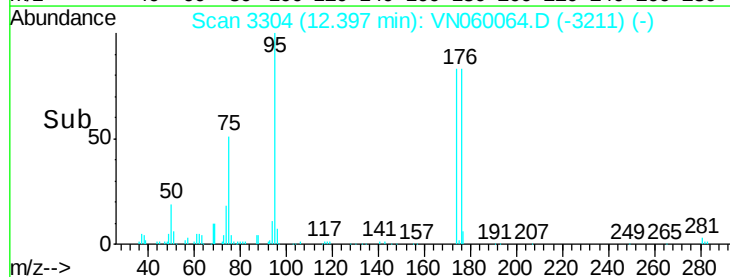
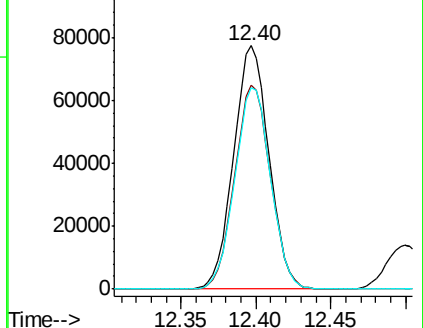
176 83.8 0.0 146.0

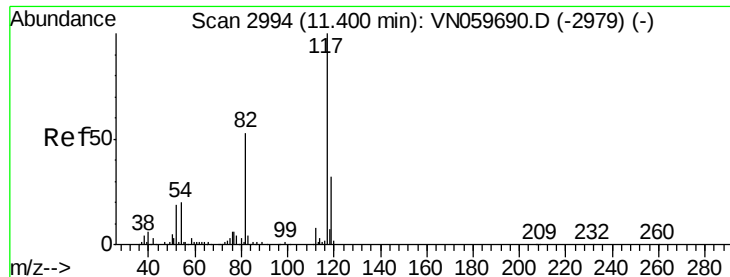


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





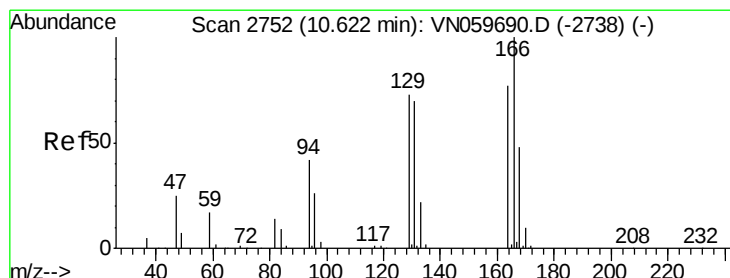
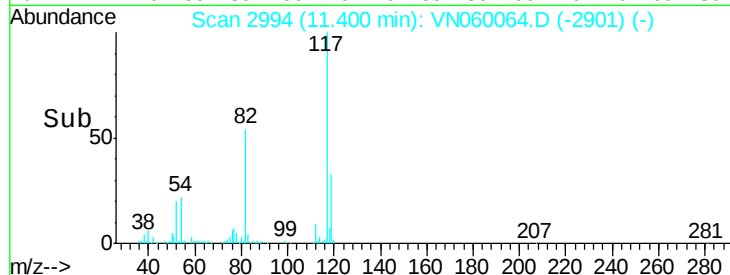
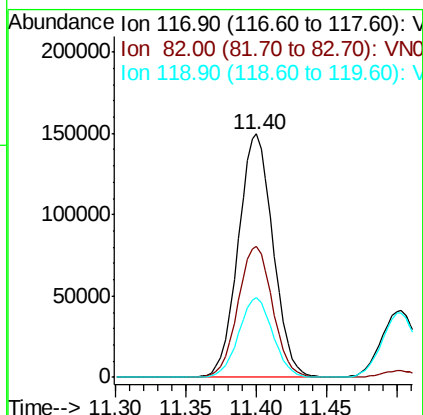
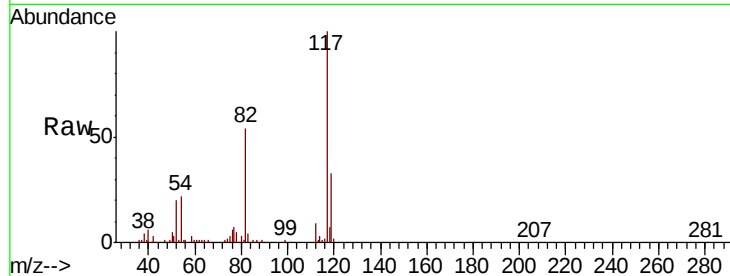
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	45.9	68.9
119	32.5	25.5	38.3

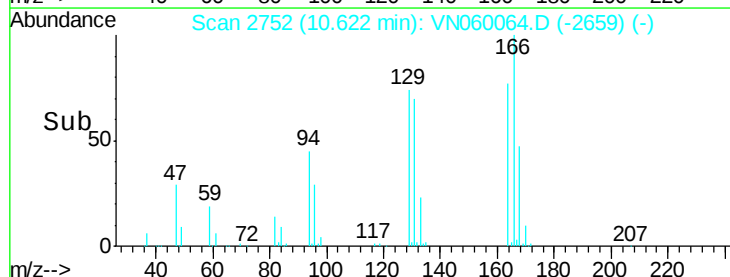
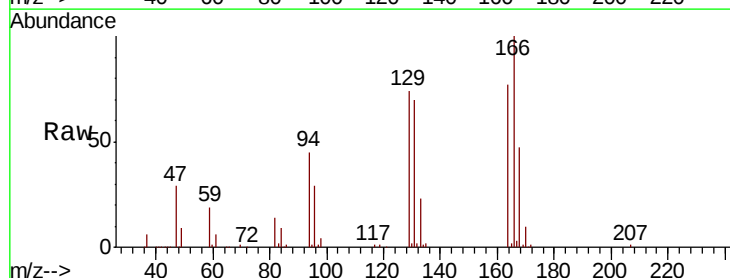
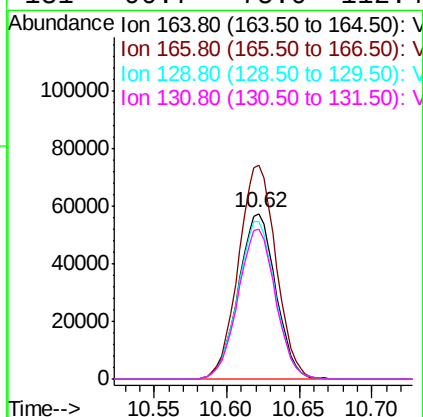
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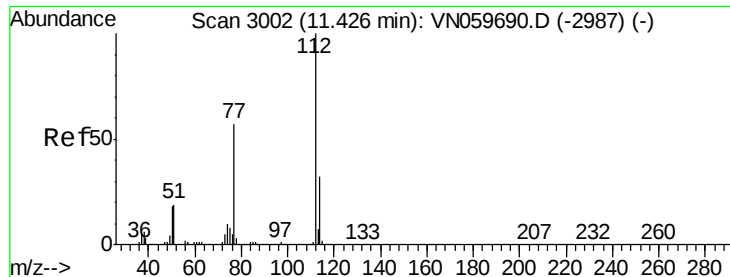
MMDadoda
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#64
Tetrachloroethene
Concen: 48.879 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.3	101.4	152.0
129	95.1	80.2	120.4
131	90.7	75.0	112.4





#65

Chlorobenzene

Concen: 51.694 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. 0.00 min

Lab File: VN060064.D

Acq: 11 Feb 2020 16:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 262802

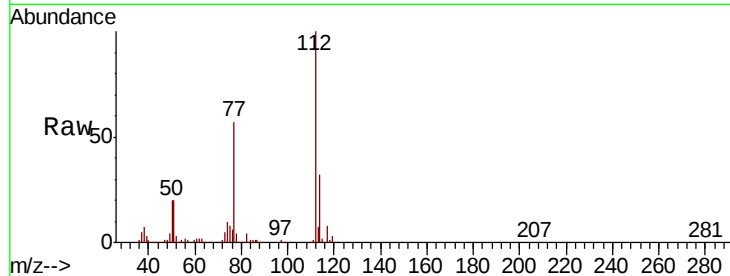
Ion Ratio Lower Upper

112 100

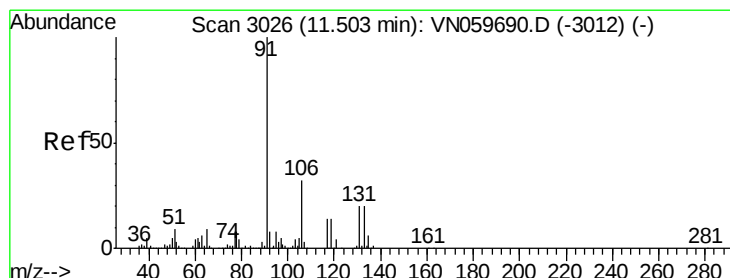
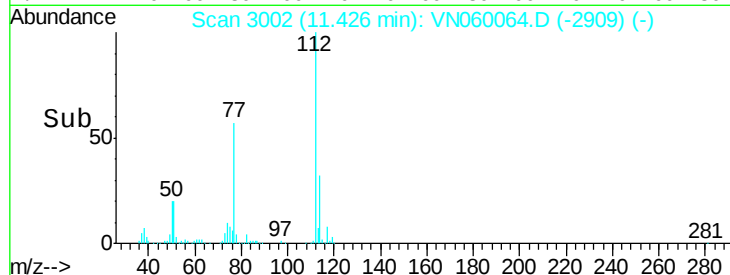
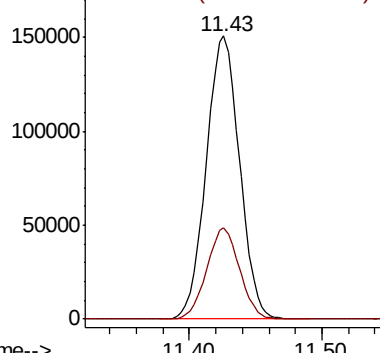
114 32.1 25.8 38.8

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Abundance Ion 111.90 (111.60 to 112.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 54.333 ug/l

RT: 11.50 min Scan# 3025

Delta R.T. -0.00 min

Lab File: VN060064.D

Acq: 11 Feb 2020 16:04

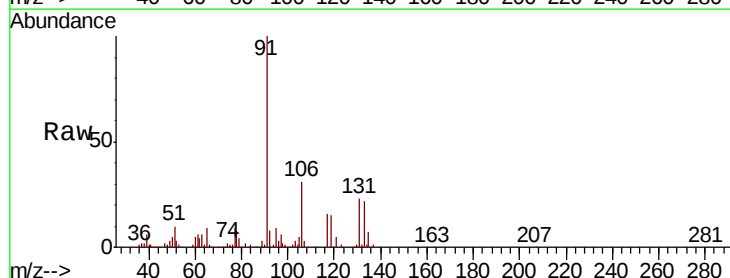
Tgt Ion:131 Resp: 106730

Ion Ratio Lower Upper

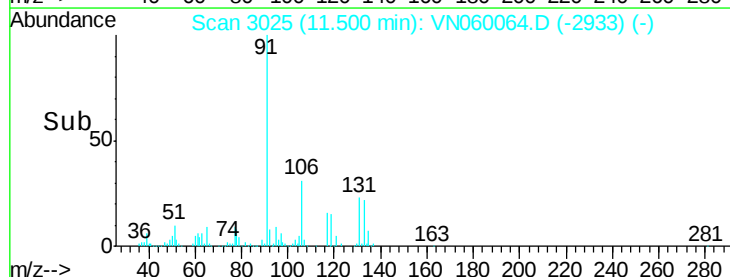
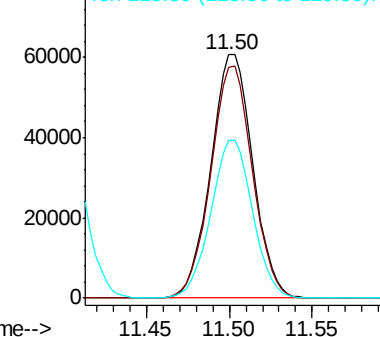
131 100

133 94.6 47.4 142.2

119 64.4 33.1 99.3



Abundance Ion 130.80 (130.50 to 131.50): V





#67

Ethyl Benzene

Concen: 51.064 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN060064.D

Acq: 11 Feb 2020 16:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 471261

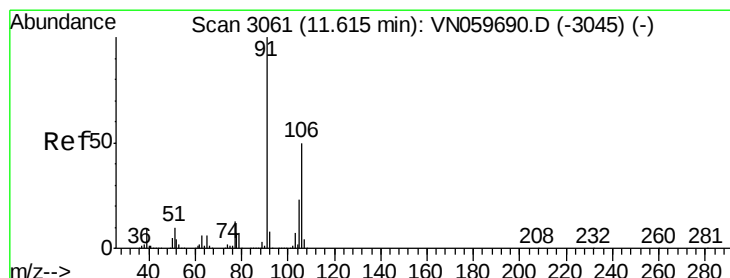
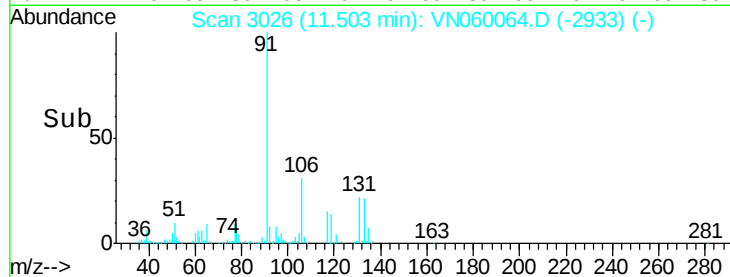
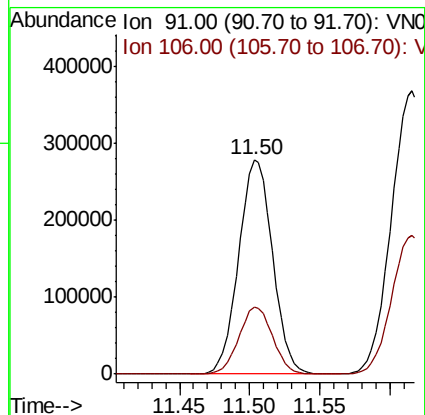
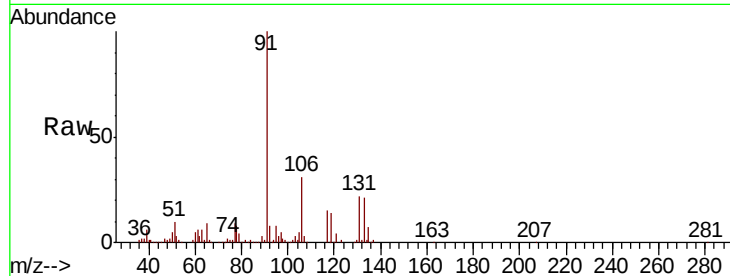
Ion Ratio Lower Upper

91 100

106 31.4 24.1 36.1

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2/12/2020 3:03:26 PM



#68

m/p-Xylenes

Concen: 100.123 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN060064.D

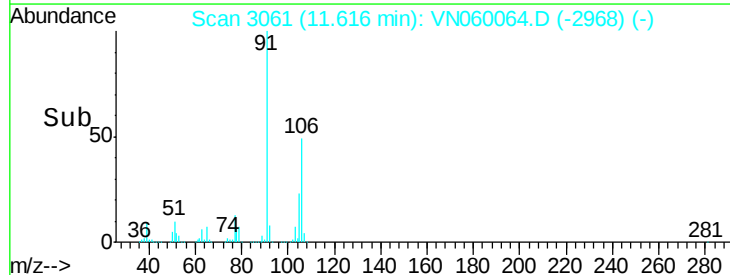
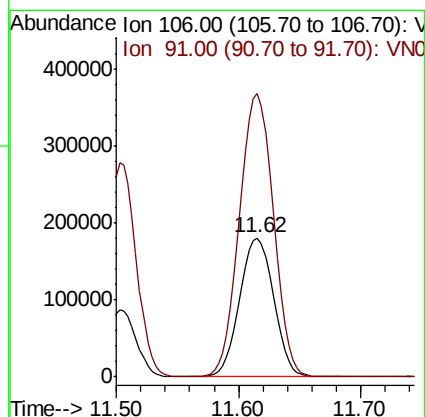
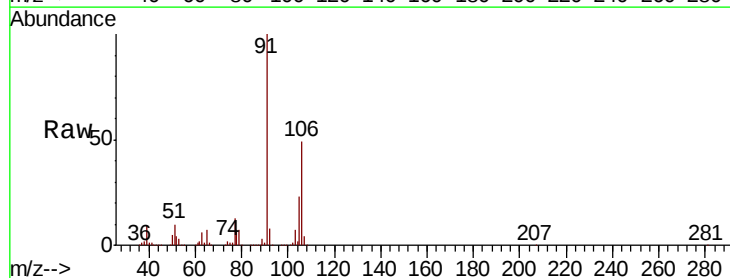
Acq: 11 Feb 2020 16:04

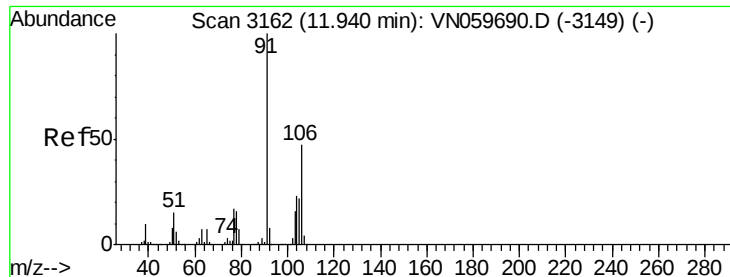
Tgt Ion: 106 Resp: 349036

Ion Ratio Lower Upper

106 100

91 204.2 167.9 251.9





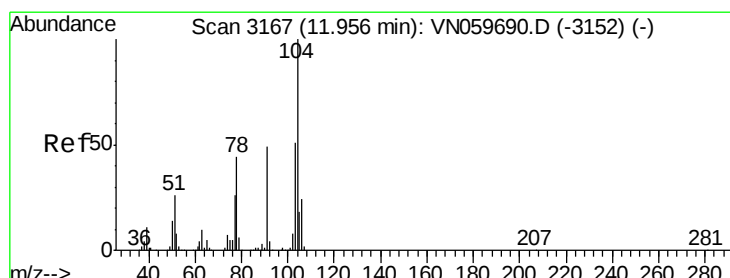
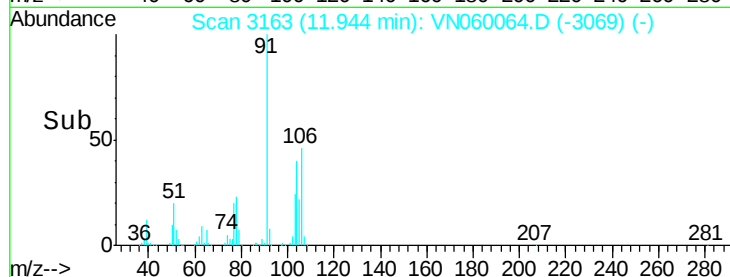
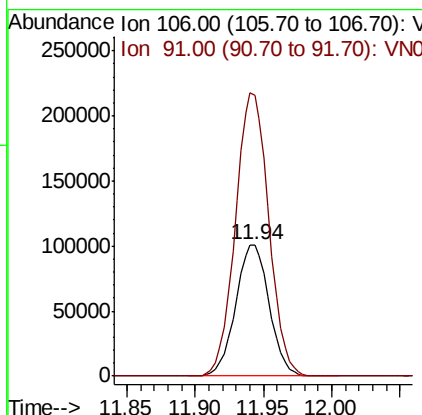
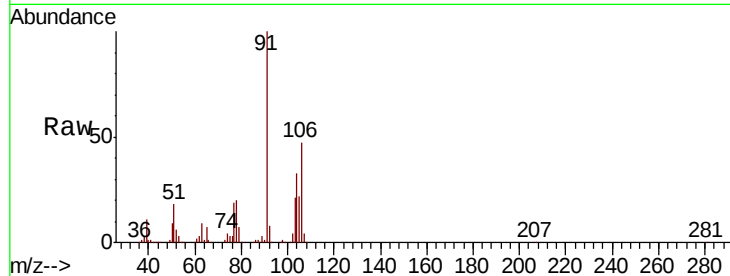
#69
o-Xylene
Concen: 50.441 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	214.1	110.3	330.9	

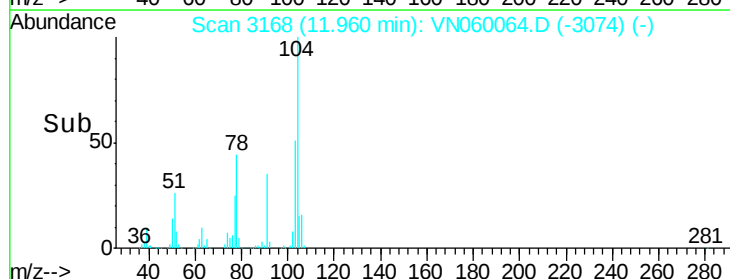
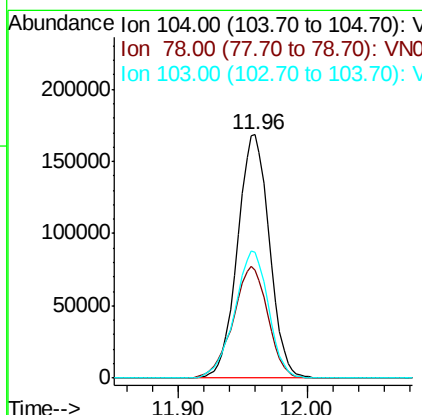
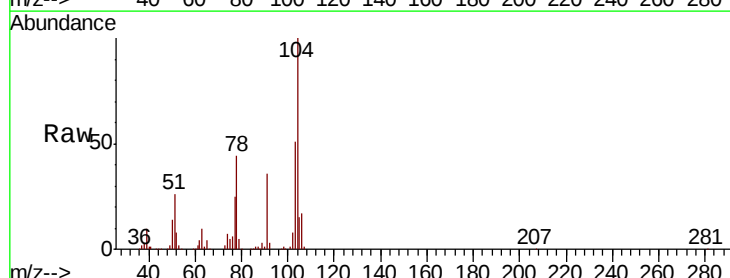
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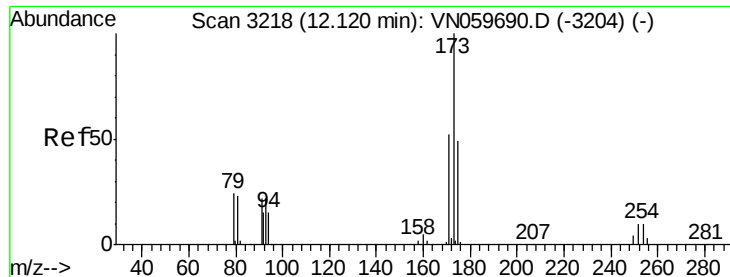
MMDadoda
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#70
Styrene
Concen: 50.867 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	49.8	42.4	63.6	
103	55.5	43.9	65.9	





#71

Bromoform

Concen: 55.300 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060064.D

Acq: 11 Feb 2020 16:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 87014

Ion Ratio Lower Upper

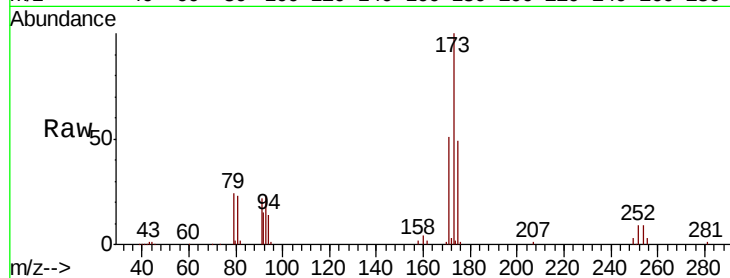
173 100

175 48.7 23.8 71.4

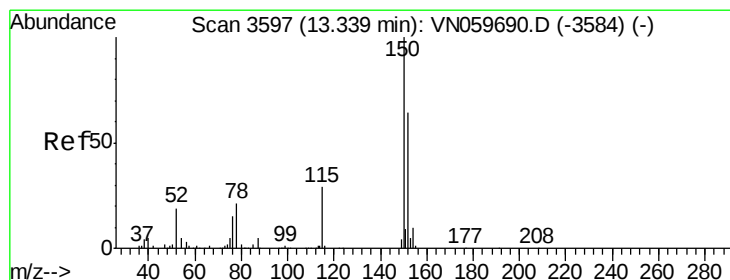
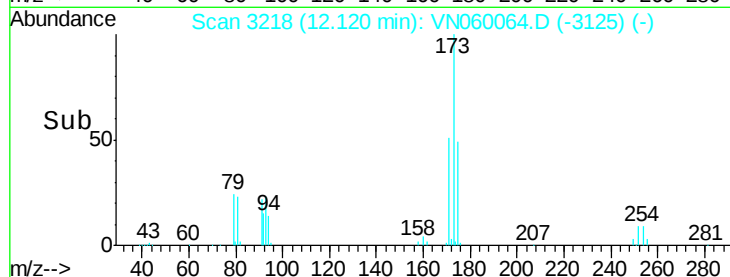
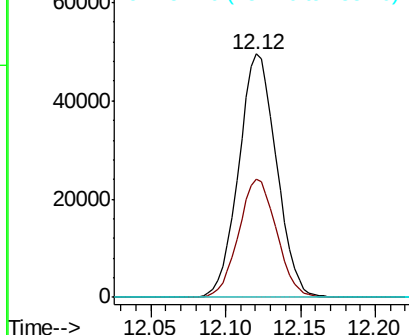
254 0.0 0.0 0.0

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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: VN060064.D

Acq: 11 Feb 2020 16:04

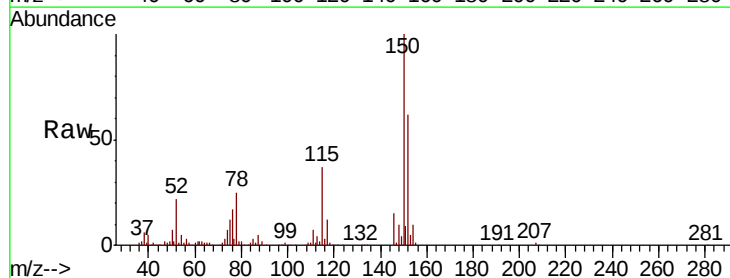
Tgt Ion:152 Resp: 133609

Ion Ratio Lower Upper

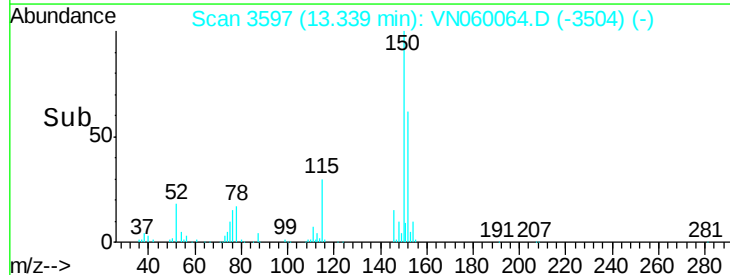
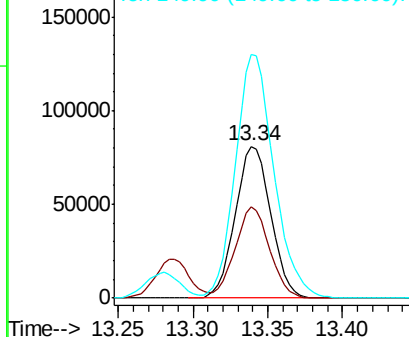
152 100

115 58.6 30.3 90.9

150 174.3 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





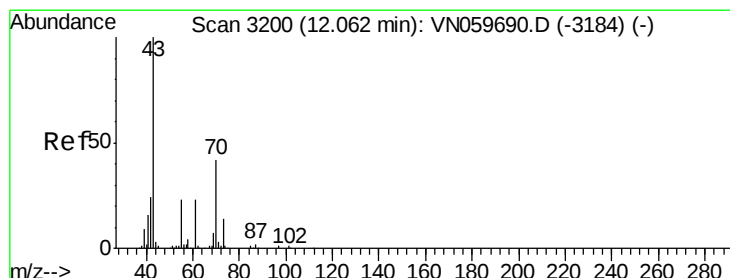
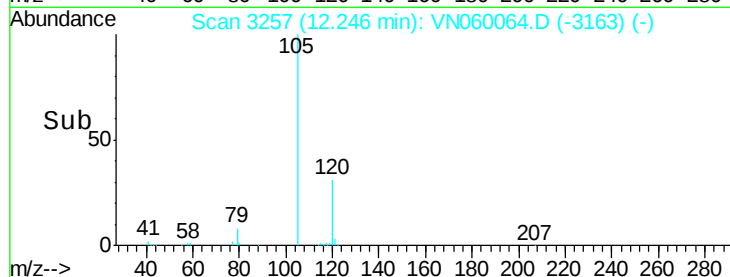
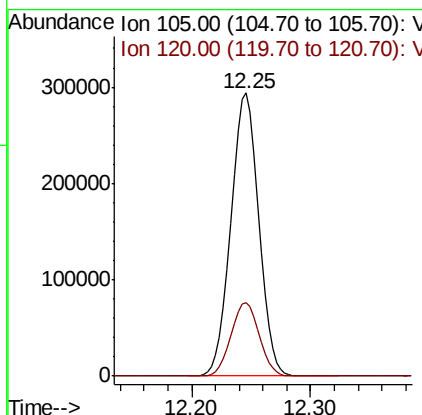
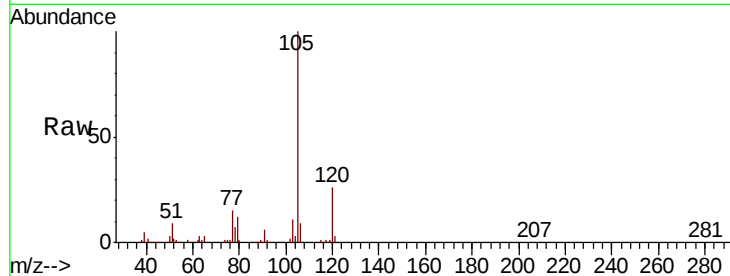
#73
Isopropylbenzene
Concen: 48.712 ug/l
RT: 12.25 min Scan# 3257
Delta R.T. 0.00 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.2	39.5

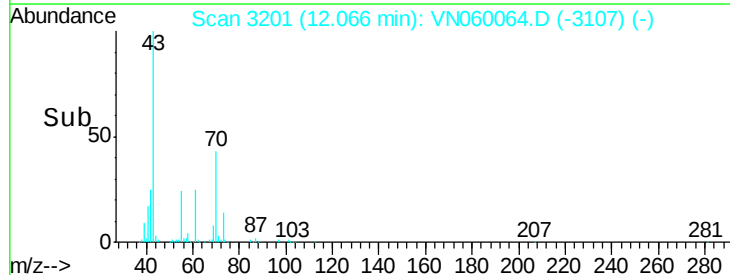
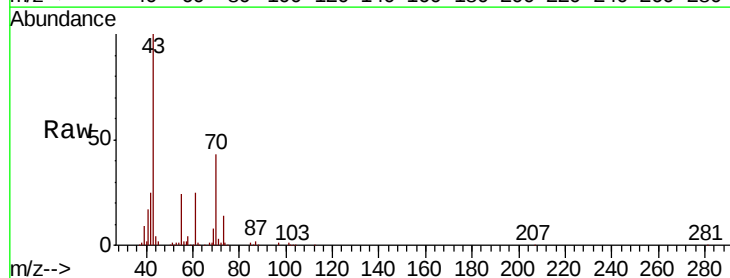
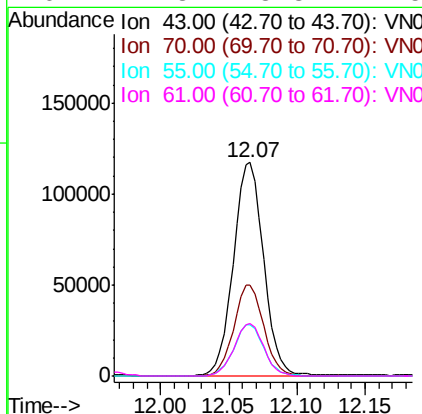
Manual Integrations
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#74
N-ethyl acetate
Concen: 47.274 ug/l
RT: 12.07 min Scan# 3201
Delta R.T. 0.00 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.6	31.3	46.9
55	24.2	19.8	29.6
61	24.3	18.3	27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 51.027 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060064.D

Acq: 11 Feb 2020 16:04

Instrument :

MSVOA_N

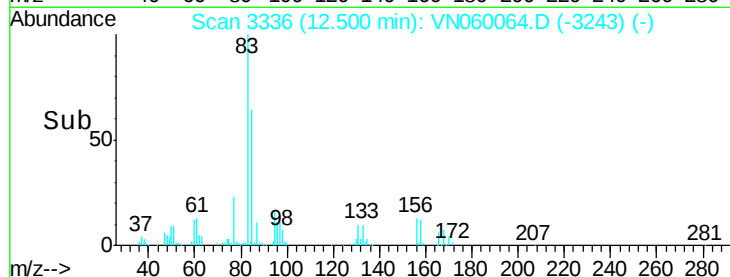
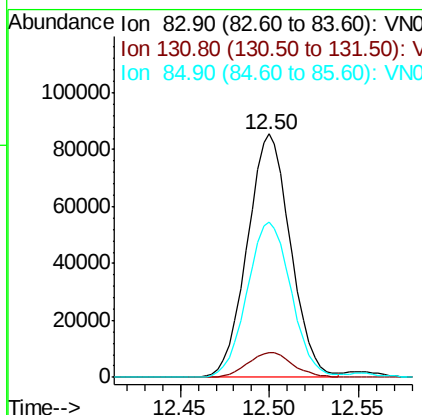
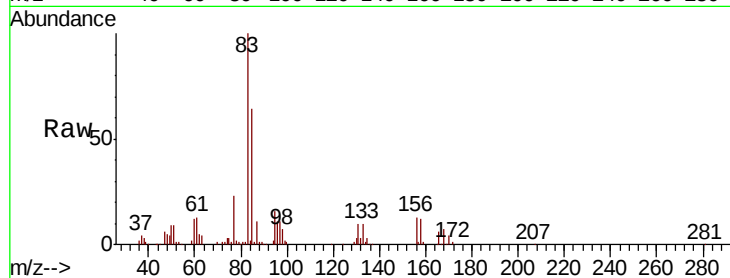
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	144951
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.0	14.9
85	65.0	31.9	95.5

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2/12/2020 3:03:26 PM



#76

1,2,3-Trichloropropane

Concen: 56.298 ug/l m

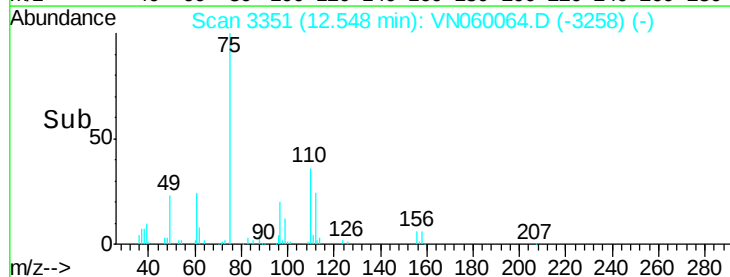
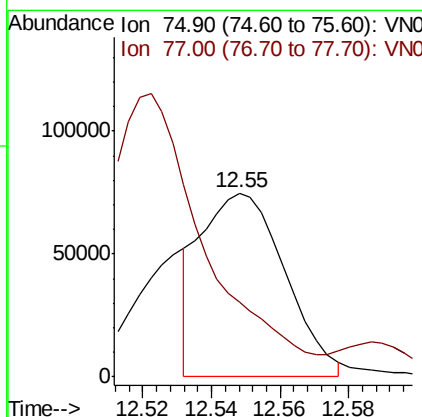
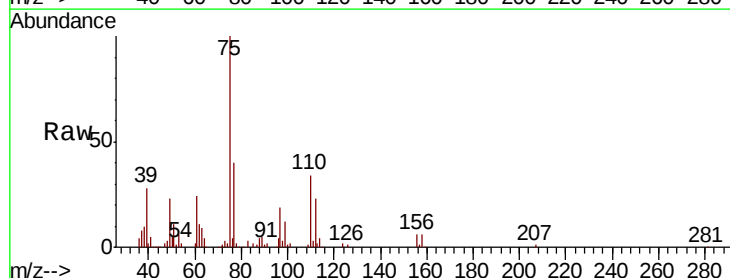
RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060064.D

Acq: 11 Feb 2020 16:04

Tgt Ion:	75	Resp:	126586
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 48.584 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN060064.D

Acq: 11 Feb 2020 16:04

Instrument :

MSVOA_N

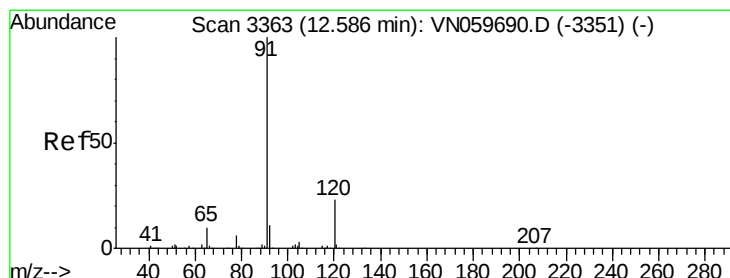
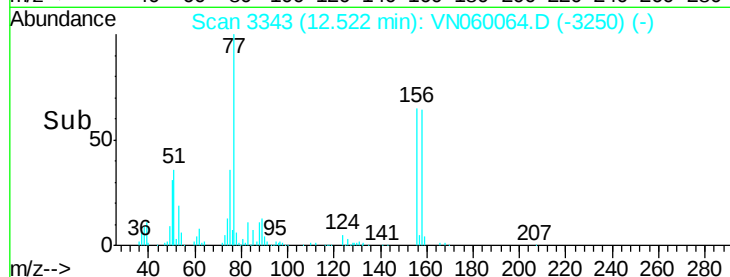
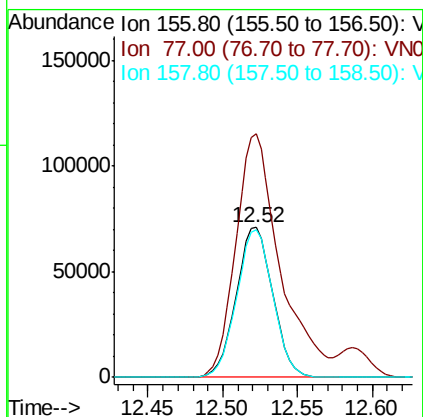
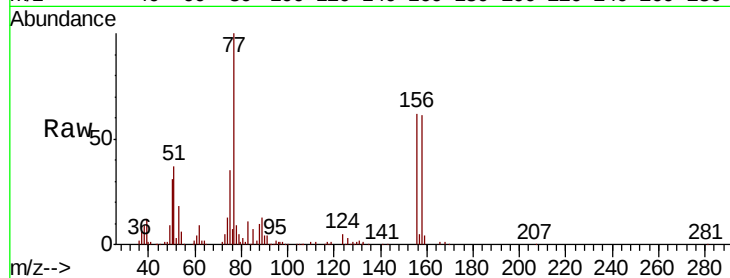
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	120559
Ion Ratio	Lower	Upper	
156	100		
77	196.2	115.8	347.4
158	97.9	49.2	147.6

Manual Integrations
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2/12/2020 3:03:26 PM



#78

n-propylbenzene

Concen: 49.264 ug/l

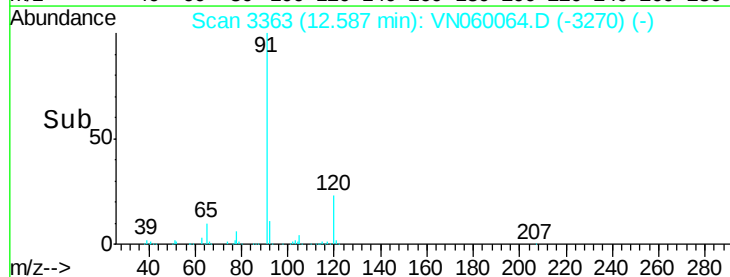
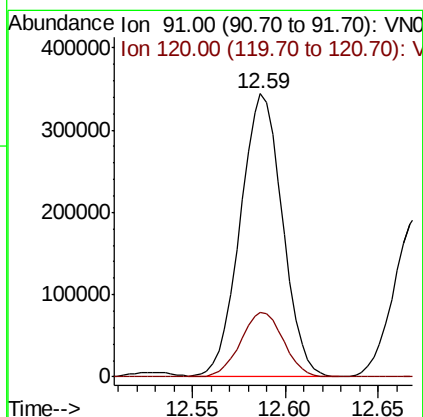
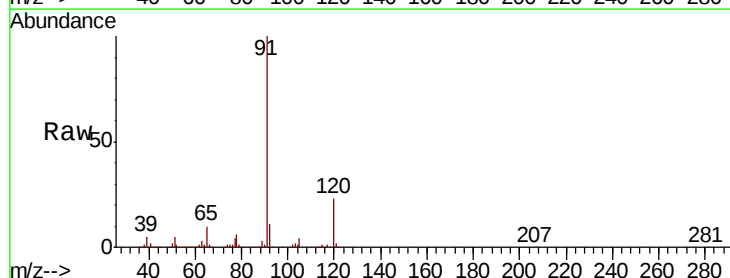
RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060064.D

Acq: 11 Feb 2020 16:04

Tgt Ion:	91	Resp:	541811
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.1	33.3





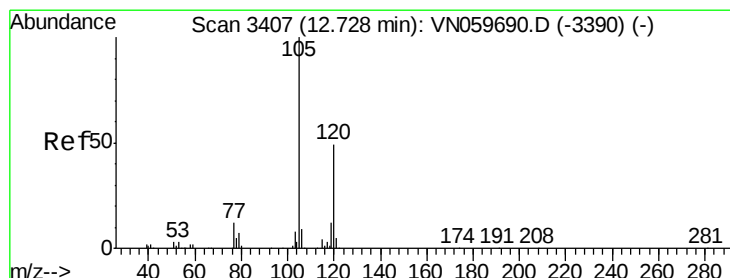
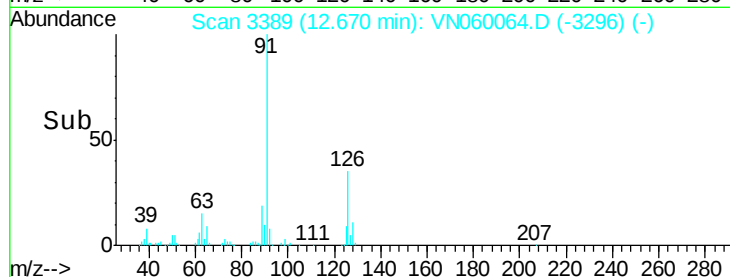
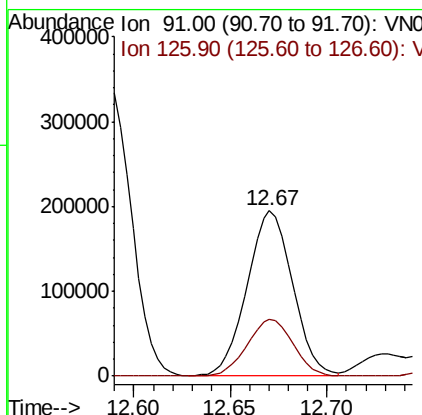
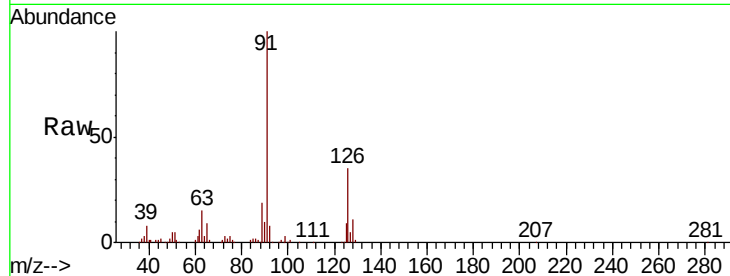
#79
 2-Chlorotoluene
 Concen: 48.683 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VN060064.D
 Acq: 11 Feb 2020 16:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
126	34.9	16.3	48.9	

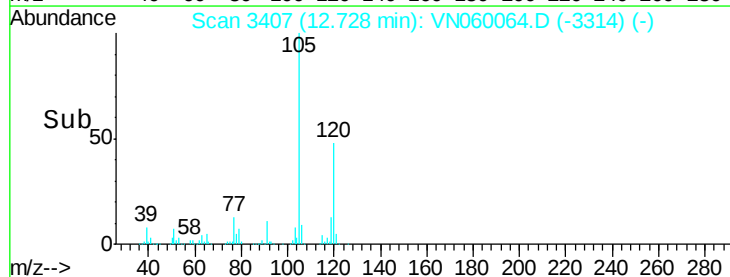
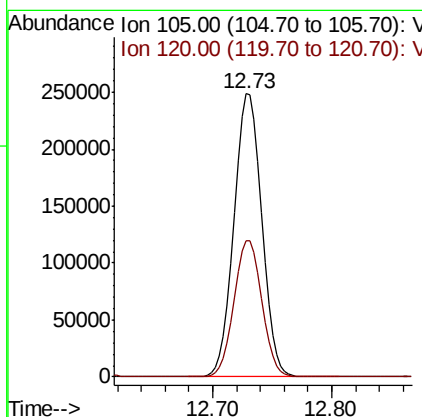
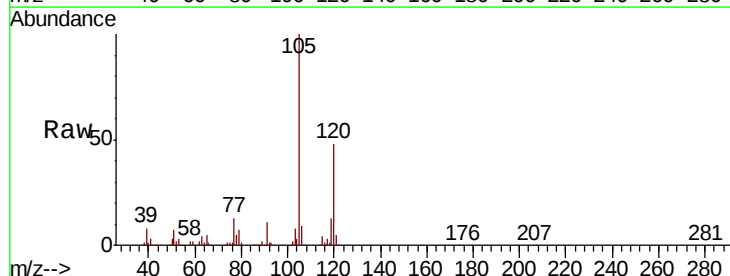
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#80
 1,3,5-Trimethylbenzene
 Concen: 48.927 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN060064.D
 Acq: 11 Feb 2020 16:04

Tgt Ion	Ion	Ratio	Lower	Upper
105	100			
120	48.2	24.1	72.4	





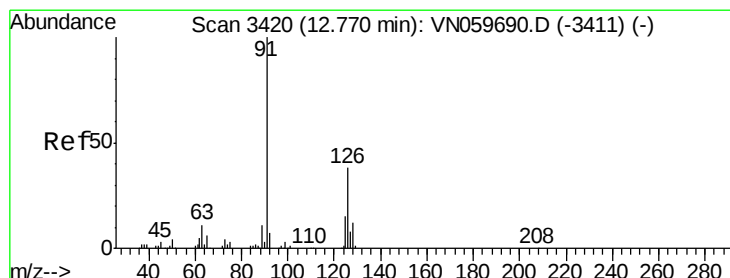
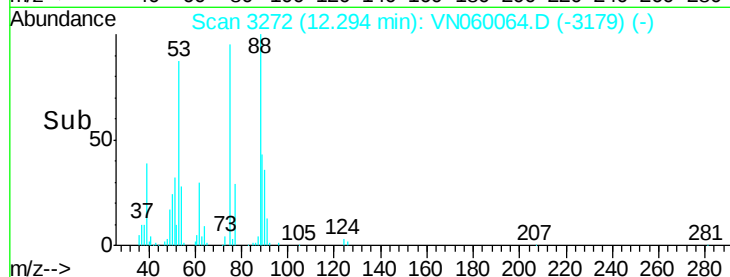
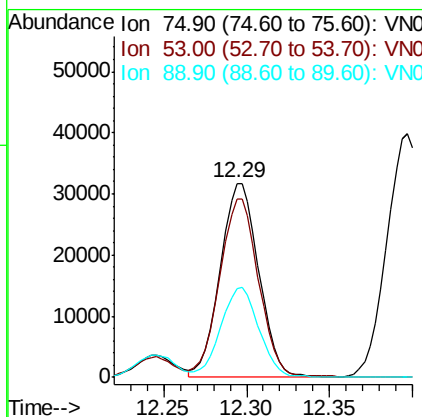
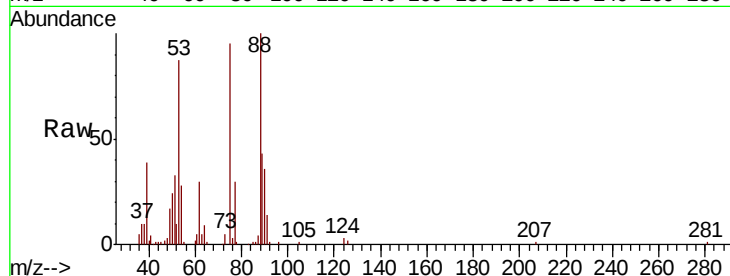
#81
trans-1,4-Dichloro-2-butene
Concen: 49.209 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. 0.00 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.7	78.1	117.1
89	45.9	35.4	53.2

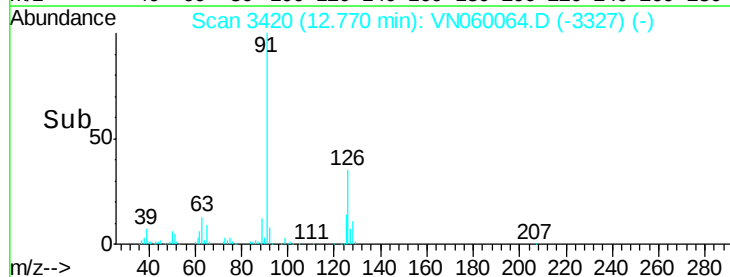
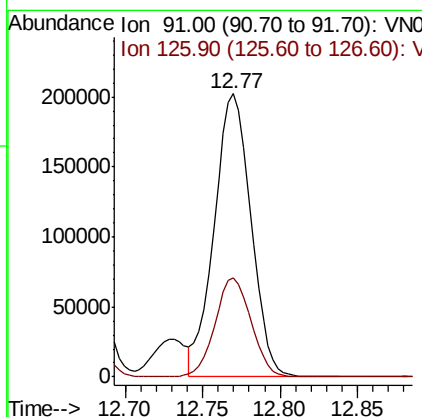
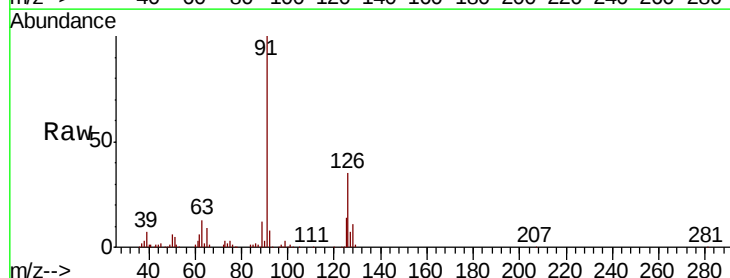
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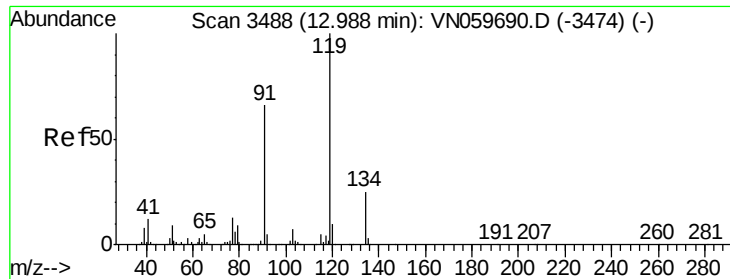
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#82
4-Chlorotoluene
Concen: 50.692 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.5	16.3	48.8





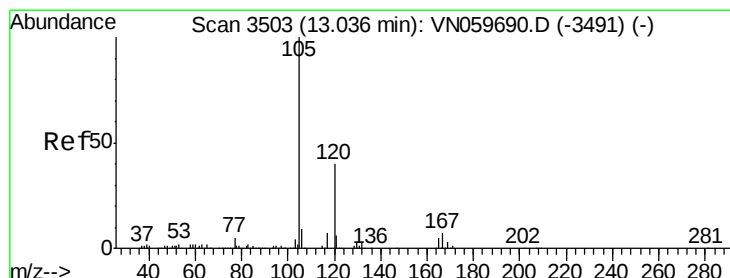
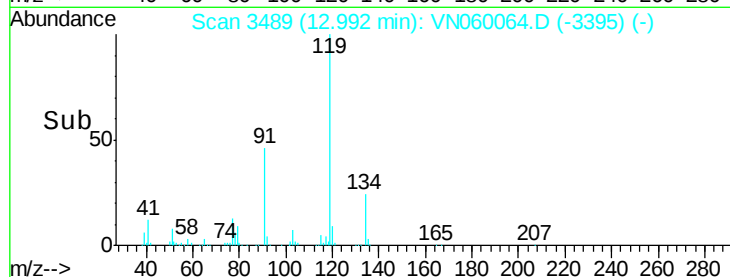
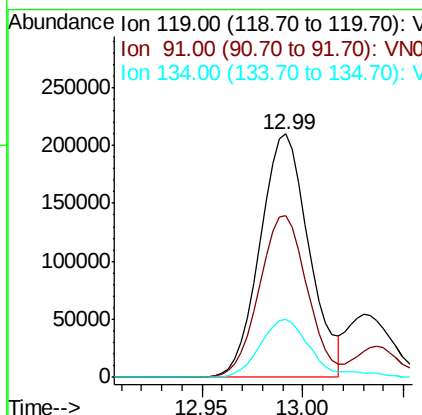
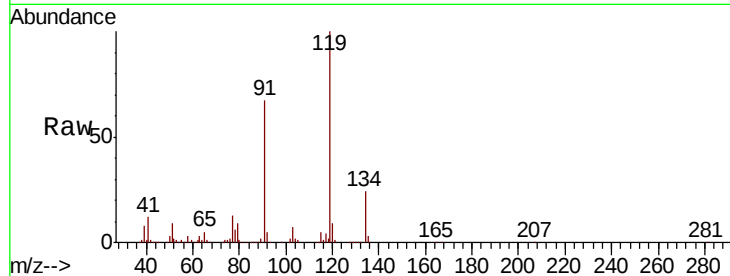
#83
tert-Butylbenzene
Concen: 49.728 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.0	34.8	104.4
134	25.0	12.3	36.9

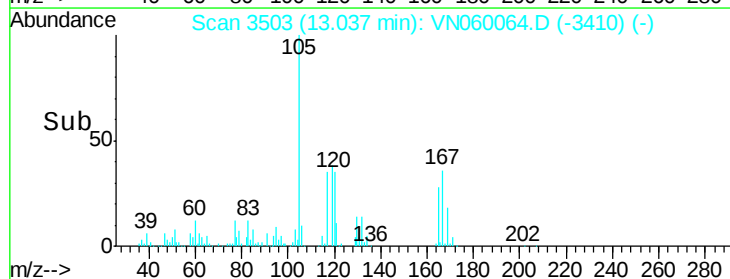
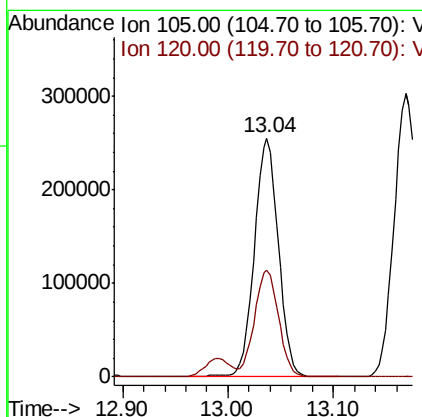
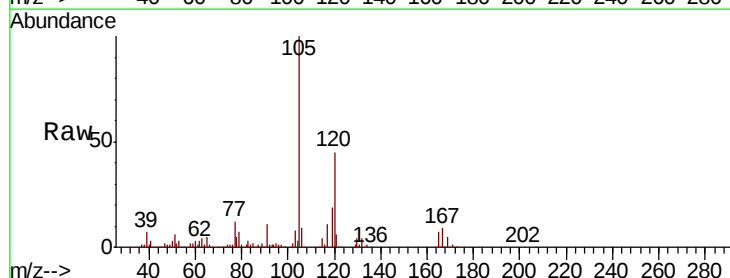
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#84
1,2,4-Trimethylbenzene
Concen: 49.916 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.3	66.9





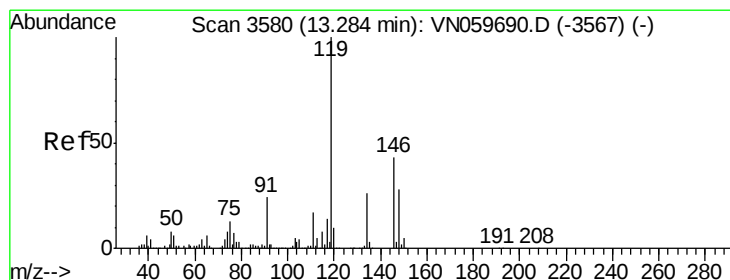
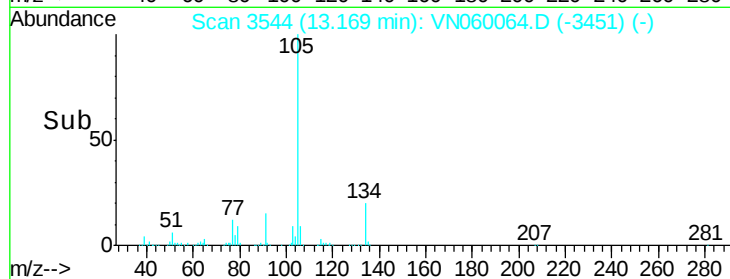
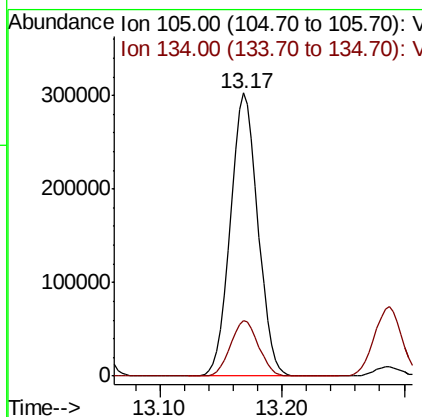
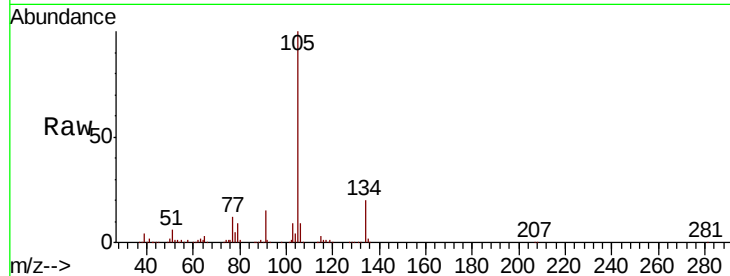
#85
 sec-Butylbenzene
 Concen: 50.765 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN060064.D
 Acq: 11 Feb 2020 16:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.9	9.8	29.5

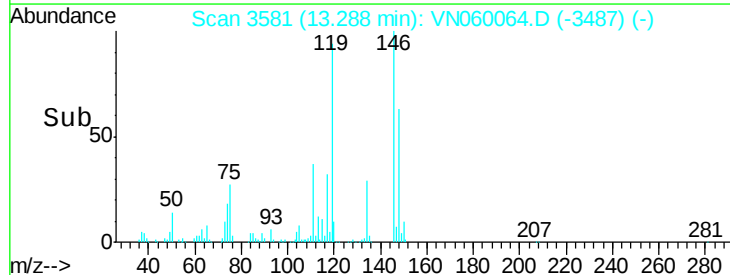
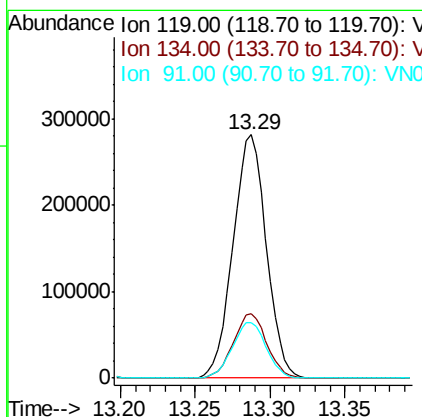
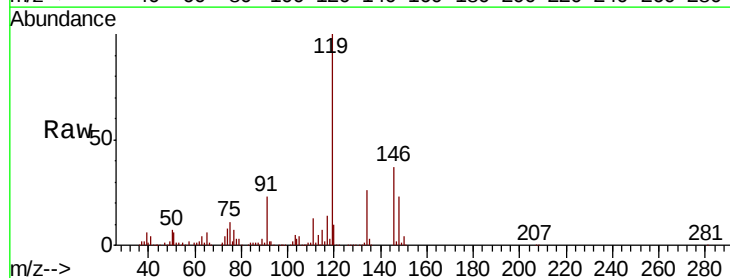
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#86
 p-Isopropyltoluene
 Concen: 50.188 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN060064.D
 Acq: 11 Feb 2020 16:04

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	12.9	38.7
91	23.6	12.4	37.4





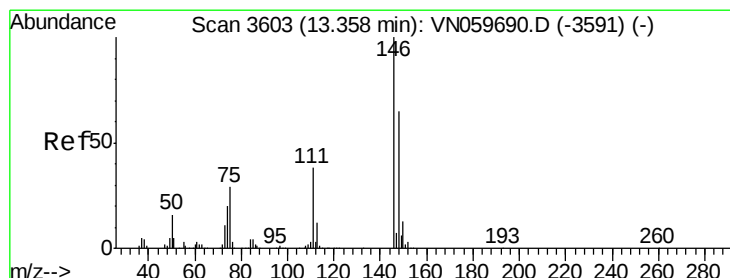
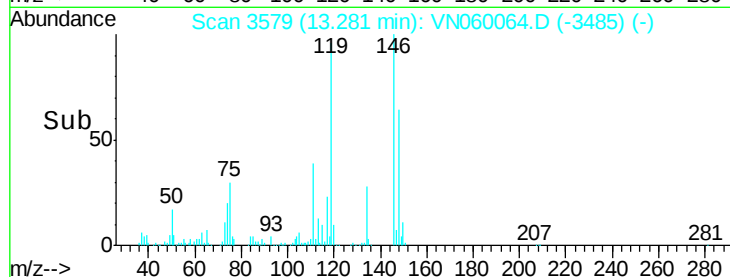
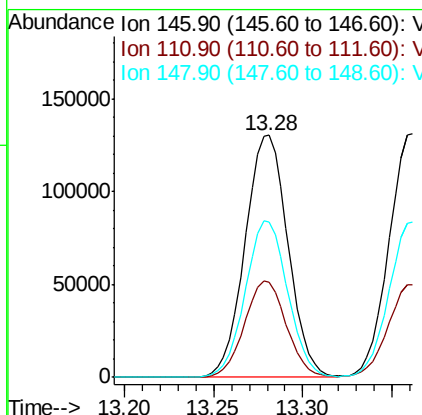
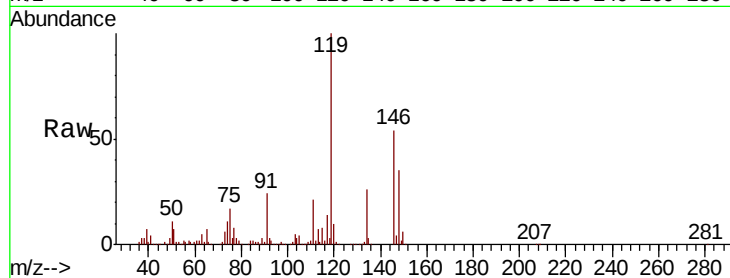
#87
 1,3-Dichlorobenzene
 Concen: 50.856 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN060064.D
 Acq: 11 Feb 2020 16:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.8	62.2
148	63.8	32.0	96.0

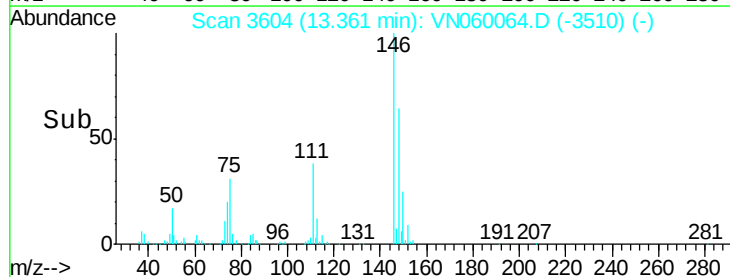
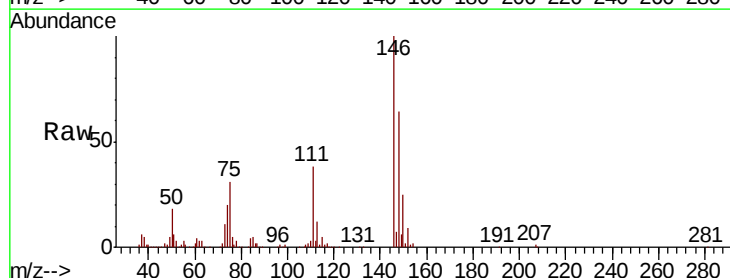
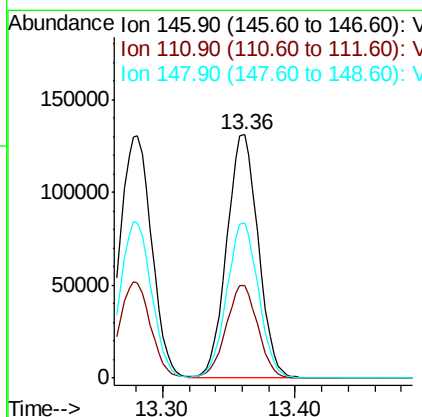
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 2/12/2020 3:03:26 PM



#88
 1,4-Dichlorobenzene
 Concen: 50.448 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN060064.D
 Acq: 11 Feb 2020 16:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	20.8	62.2
148	64.3	31.8	95.4





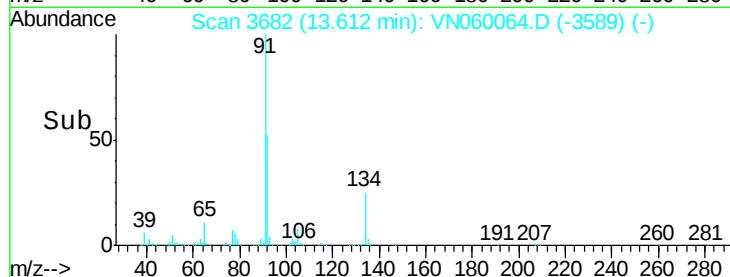
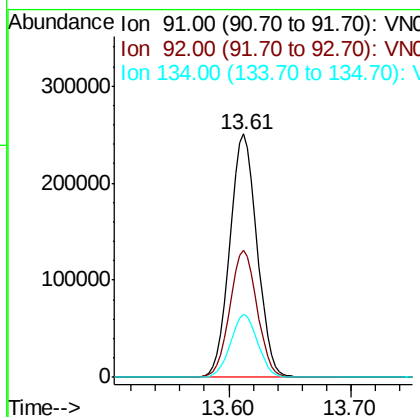
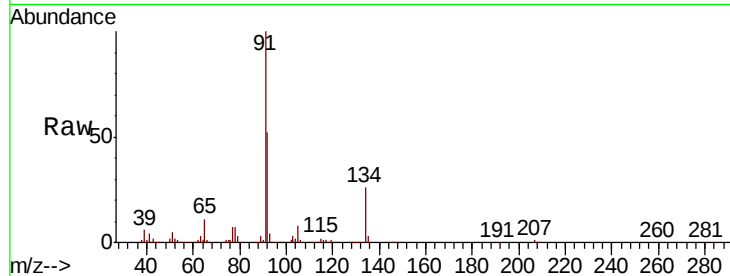
#89
n-Butylbenzene
Concen: 52.860 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	25.9	77.7
134	25.8	12.3	36.8

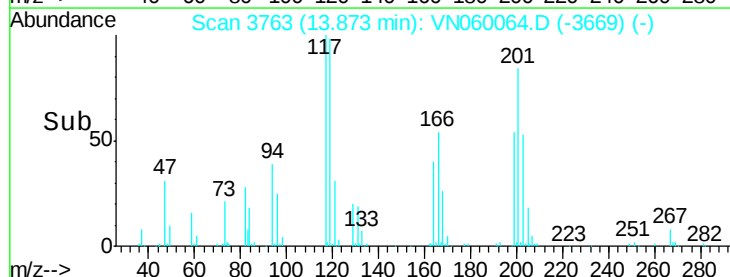
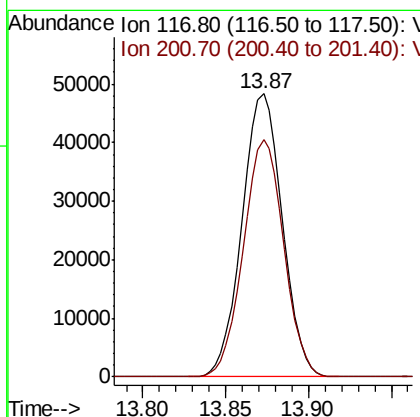
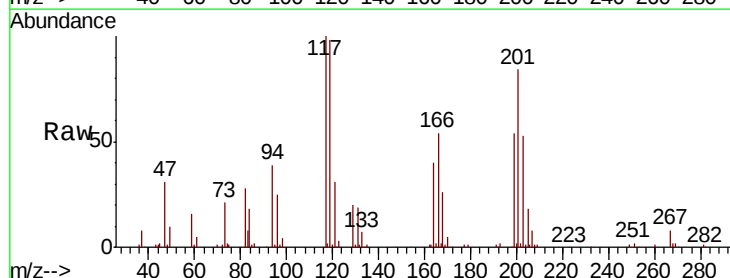
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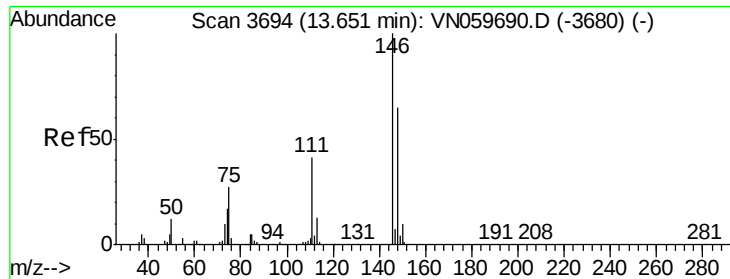
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#90
Hexachloroethane
Concen: 50.600 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.9	37.8	113.4





#91

1,2-Dichlorobenzene

Concen: 50.299 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN060064.D

Acq: 11 Feb 2020 16:04

Instrument :

MSVOA_N

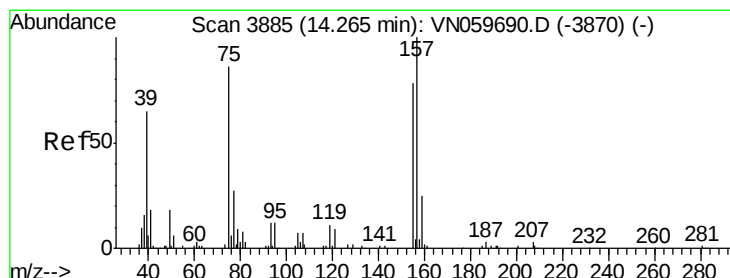
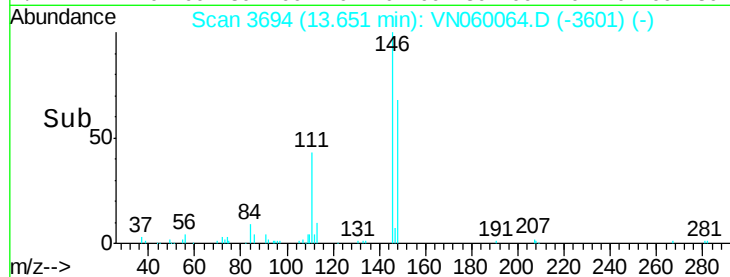
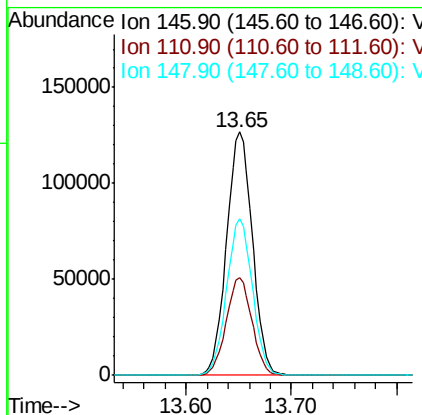
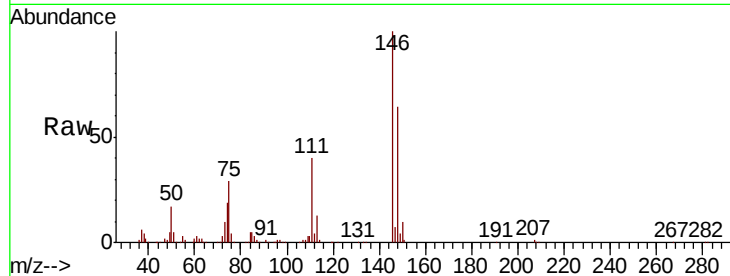
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	214339
Ion Ratio	Lower	Upper	
146	100		
111	40.0	21.6	64.8
148	64.1	31.6	95.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 47.809 ug/l

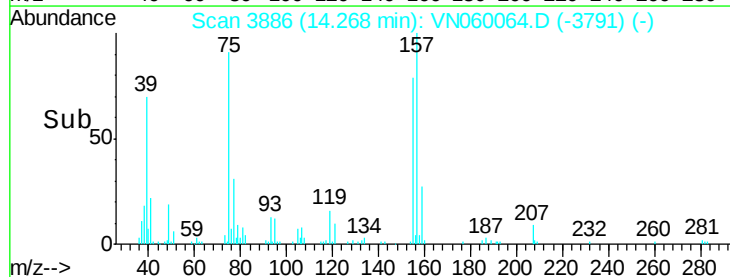
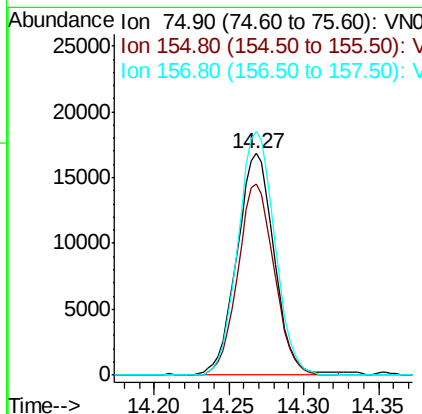
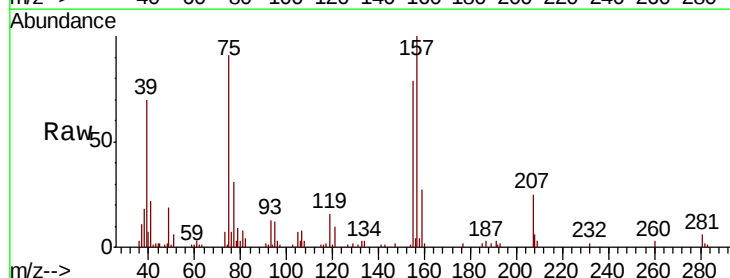
RT: 14.27 min Scan# 3886

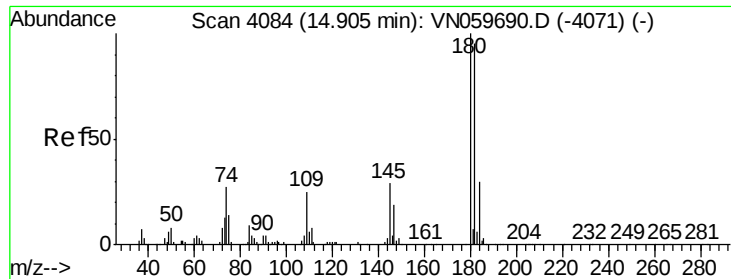
Delta R.T. 0.00 min

Lab File: VN060064.D

Acq: 11 Feb 2020 16:04

Tgt Ion:	75	Resp:	29206
Ion Ratio	Lower	Upper	
75	100		
155	84.1	37.0	110.9
157	108.1	48.4	145.2





#93

1,2,4-Trichlorobenzene

Concen: 51.914 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN060064.D

Acq: 11 Feb 2020 16:04

Instrument :

MSVOA_N

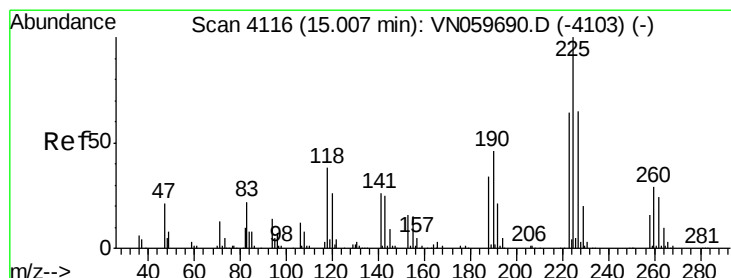
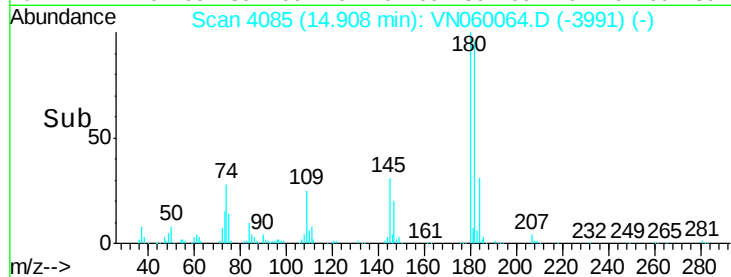
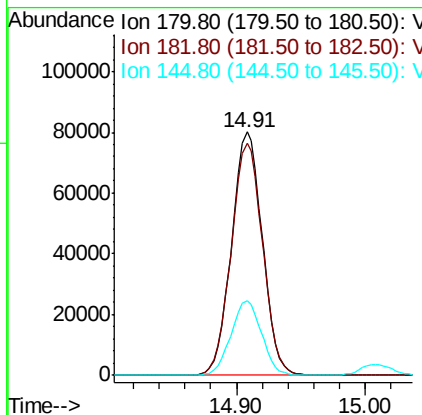
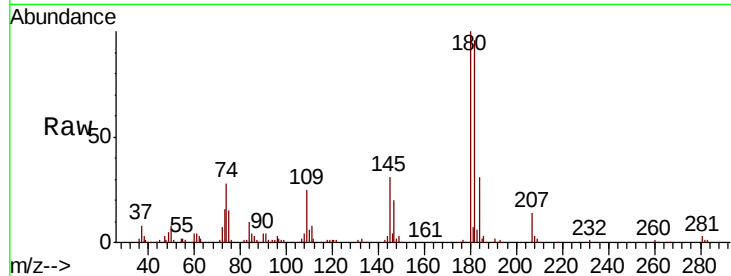
ClientSampleId :

VSTDCCC050EC

Tot Ion:	180	Resp:	132927
Ion Ratio	Lower	Upper	
180	100		
182	97.0	46.9	140.7
145	30.4	15.0	45.1

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#94

Hexachlorobutadiene

Concen: 50.279 ug/l

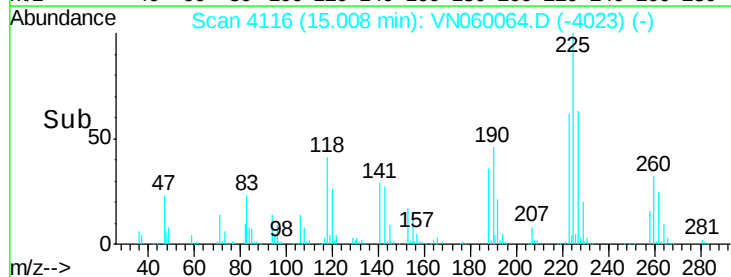
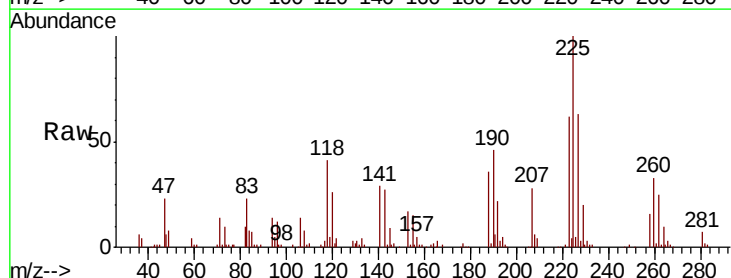
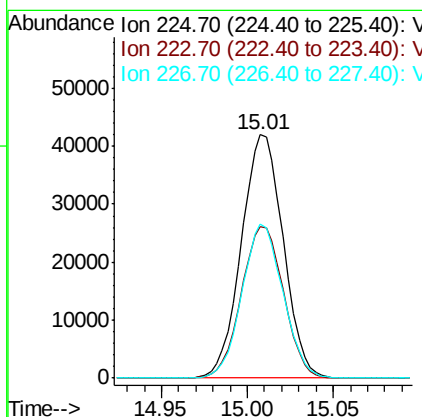
RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN060064.D

Acq: 11 Feb 2020 16:04

Tgt Ion:	225	Resp:	70945
Ion Ratio	Lower	Upper	
225	100		
223	62.7	31.8	95.3
227	62.1	32.1	96.5





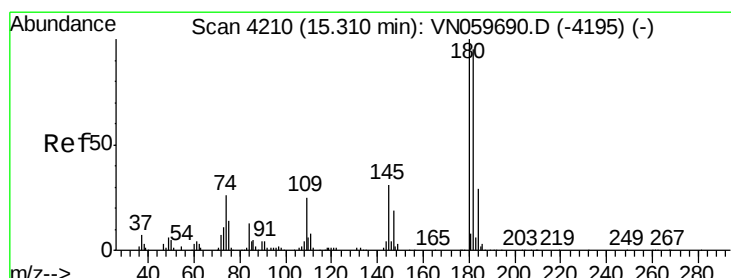
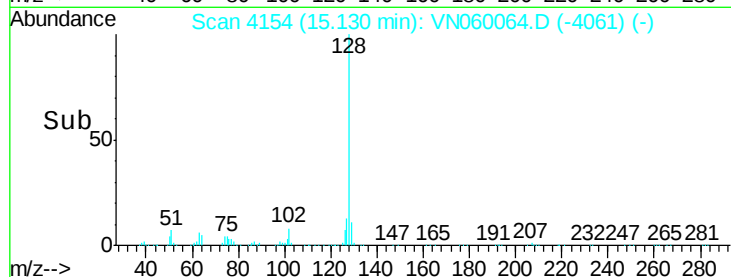
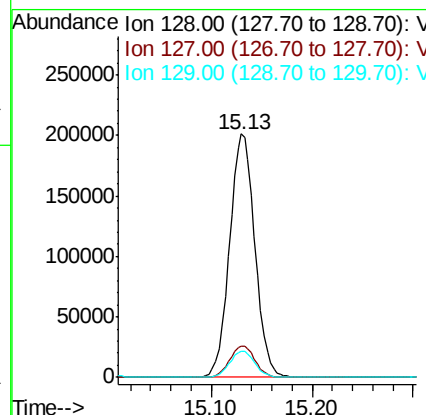
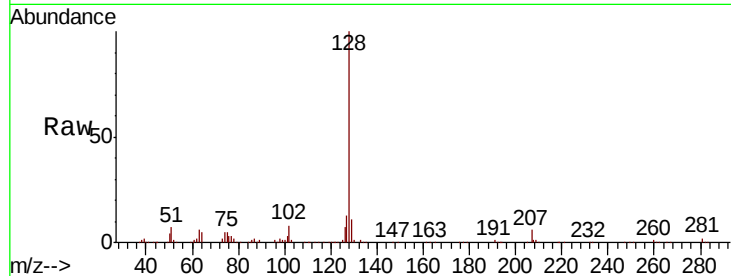
#95
Naphthalene
Concen: 48.293 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.8	8.6	12.8

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#96
1,2,3-Trichlorobenzene
Concen: 51.341 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN060064.D
Acq: 11 Feb 2020 16:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.4	142.3
145	32.1	16.3	48.9

