

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102720\
 Data File : VN064317.D
 Acq On : 27 Oct 2020 9:56
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 10/28/2020 12:35:16 PM

Quant Time: Oct 27 11:58:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 11:34:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	254807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	413377	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	366121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	161250	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	3270	1.181 ug/l	91
3) Chloromethane	2.03	50	3710	1.266 ug/l	93
4) Vinyl Chloride	2.16	62	3290	1.124 ug/l	97
6) Chloroethane	2.67	64	2097	1.182 ug/l #	73
7) Trichlorofluoromethane	2.97	101	5473	1.136 ug/l #	79
8) Diethyl Ether	3.37	74	1652	1.038 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	2690m	1.082 ug/l	
12) 1,1-Dichloroethene	3.70	96	2500m	1.045 ug/l	
14) Allyl chloride	4.28	41	5366	1.123 ug/l #	94
15) Acrylonitrile	4.92	53	5320m	4.853 ug/l	
16) Acetone	3.79	43	9874m	8.643 ug/l	
17) Carbon Disulfide	4.01	76	8069	1.184 ug/l #	93
18) Methyl Acetate	4.29	43	3691m	1.307 ug/l	
19) Methyl tert-butyl Ether	4.99	73	9453m	1.124 ug/l	
20) Methylene Chloride	4.50	84	3136	1.081 ug/l	92
21) trans-1,2-Dichloroethene	5.00	96	2774m	1.053 ug/l	
22) Diisopropyl ether	5.90	45	9711	1.074 ug/l #	93
23) Vinyl Acetate	5.84	43	33096	4.126 ug/l #	94
24) 1,1-Dichloroethane	5.80	63	5904m	1.139 ug/l	
25) 2-Butanone	6.79	43	10525	5.897 ug/l #	80
26) 2,2-Dichloropropane	6.77	77	5821	1.129 ug/l #	70
27) cis-1,2-Dichloroethene	6.78	96	2943m	0.954 ug/l	
28) Bromochloromethane	7.14	49	2433m	0.986 ug/l	
29) Tetrahydrofuran	7.17	42	6944	6.412 ug/l #	82
30) Chloroform	7.33	83	6290	1.136 ug/l	98
32) 1,1,1-Trichloroethane	7.52	97	6246	1.206 ug/l #	50
36) 1,1-Dichloropropene	7.75	75	4326	1.048 ug/l #	84
37) Ethyl Acetate	6.89	43	4221m	1.102 ug/l	
38) Carbon Tetrachloride	7.72	117	4967m	1.052 ug/l	
39) Methylcyclohexane	9.04	83	4167	1.099 ug/l	93
40) Benzene	8.00	78	12391	1.087 ug/l #	87
41) Methacrylonitrile	7.12	41	2051	1.024 ug/l #	30
42) 1,2-Dichloroethane	8.08	62	5098	1.037 ug/l	94
43) Isopropyl Acetate	8.13	43	6892	0.977 ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.79	130	2834	0.911	ug/l	94
45) 1,2-Dichloropropane	9.08	63	3347	1.102	ug/l #	82
46) Dibromomethane	9.17	93	2200	1.070	ug/l #	85
47) Bromodichloromethane	9.36	83	5603	1.237	ug/l #	96
48) Methyl methacrylate	9.16	41	3986	1.088	ug/l	94
49) 1,4-Dioxane	9.17	88	878	19.508	ug/l #	48
51) 4-Methyl-2-Pentanone	9.95	43	20488	5.373	ug/l	95
52) Toluene	10.12	92	7659	1.052	ug/l	87
53) t-1,3-Dichloropropene	10.36	75	4952	0.989	ug/l	91
54) cis-1,3-Dichloropropene	9.80	75	5174	0.978	ug/l #	86
55) 1,1,2-Trichloroethane	10.53	97	3024	1.095	ug/l #	91
56) Ethyl methacrylate	10.40	69	3954	0.925	ug/l #	77
57) 1,3-Dichloropropane	10.68	76	4716	0.982	ug/l #	69
58) 2-Chloroethyl Vinyl ether	9.66	63	13824	6.302	ug/l	95
59) 2-Hexanone	10.72	43	14015	5.016	ug/l	93
60) Dibromochloromethane	10.87	129	3175	0.889	ug/l	92
61) 1,2-Dibromoethane	10.97	107	2411	0.825	ug/l #	79
64) Tetrachloroethene	10.60	164	3311	1.120	ug/l	90
65) Chlorobenzene	11.40	112	7298	0.967	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.48	131	3400	1.135	ug/l #	52
67) Ethyl Benzene	11.48	91	13822	0.994	ug/l #	85
68) m/p-Xylenes	11.60	106	10162	1.972	ug/l	97
69) o-Xylene	11.92	106	4914	0.992	ug/l	99
70) Styrene	11.94	104	6907	0.829	ug/l #	86
71) Bromoform	12.10	173	2107	0.908	ug/l #	87
73) Isopropylbenzene	12.22	105	12888	1.054	ug/l	99
74) N-amyl acetate	12.05	43	4626	0.869	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	3869	1.176	ug/l #	25
76) 1,2,3-Trichloropropane	12.53	75	4796m	1.369	ug/l	
77) Bromobenzene	12.49	156	3075	1.057	ug/l	97
78) n-propylbenzene	12.57	91	13782	0.996	ug/l	99
79) 2-Chlorotoluene	12.65	91	9826	1.156	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	10467	1.011	ug/l	92
82) 4-Chlorotoluene	12.75	91	9401	1.061	ug/l	100
83) tert-Butylbenzene	12.96	119	8812	1.039	ug/l	95
84) 1,2,4-Trimethylbenzene	13.01	105	9981	0.967	ug/l	100
85) sec-Butylbenzene	13.14	105	11789	1.103	ug/l	93
86) p-Isopropyltoluene	13.26	119	9635	0.989	ug/l	98
87) 1,3-Dichlorobenzene	13.25	146	5067	0.983	ug/l	94
88) 1,4-Dichlorobenzene	13.33	146	5593m	1.063	ug/l	
89) n-Butylbenzene	13.59	91	8781	1.012	ug/l	95
90) Hexachloroethane	13.85	117	1682	0.936	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	5898	1.169	ug/l	84
92) 1,2-Dibromo-3-Chloropropan	14.24	75	837m	1.013	ug/l	
93) 1,2,4-Trichlorobenzene	14.88	180	1730	0.616	ug/l	81
94) Hexachlorobutadiene	14.98	225	1972	1.296	ug/l	90
95) Naphthalene	15.11	128	6267	0.743	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.28	180	1930	0.694	ug/l	79

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VSTDICC001

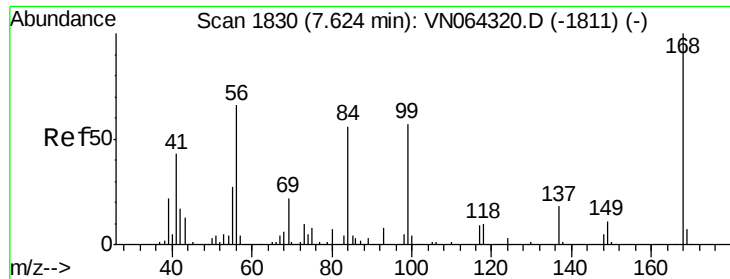
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 254807

Ion Ratio Lower Upper

168 100

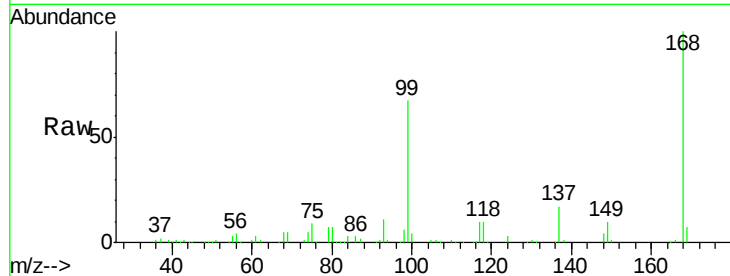
99 66.4 52.7 79.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

120000

100000

80000

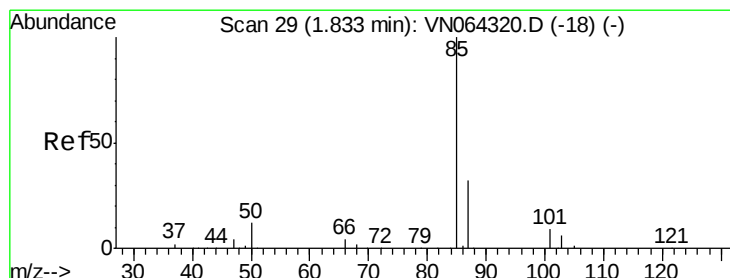
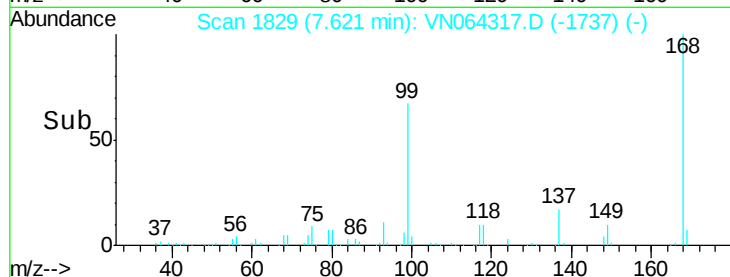
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 1.181 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN064317.D

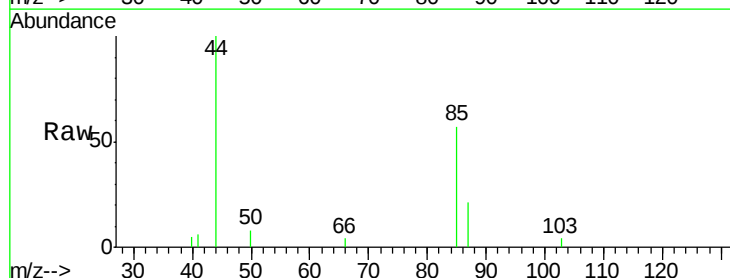
Acq: 27 Oct 2020 9:56

Tgt Ion: 85 Resp: 3270

Ion Ratio Lower Upper

85 100

87 36.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

2500

2000

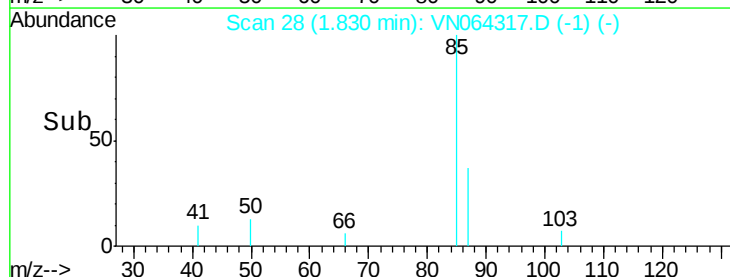
1500

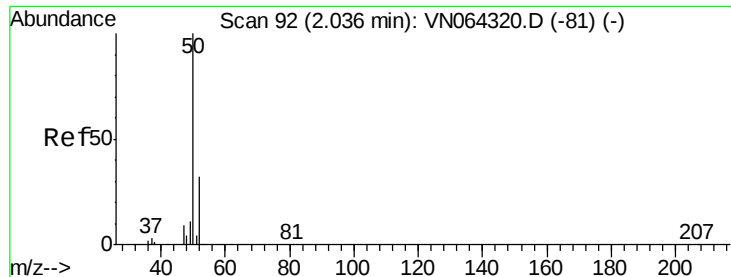
1000

500

0

Time--> 1.80 1.85





#3

Chloromethane

Concen: 1.266 ug/l

RT: 2.03 min Scan# 90

Delta R.T. -0.01 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 3710

Ion Ratio Lower Upper

50 100

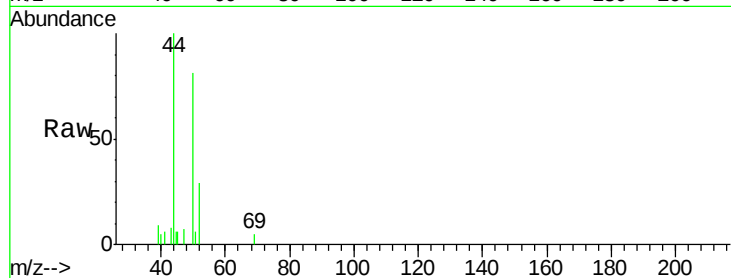
52 35.8 25.6 38.4

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.03

3000

2500

2000

1500

1000

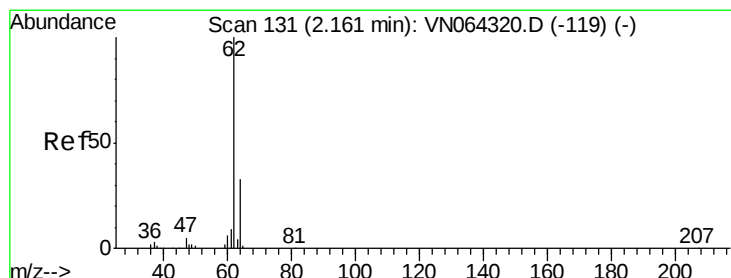
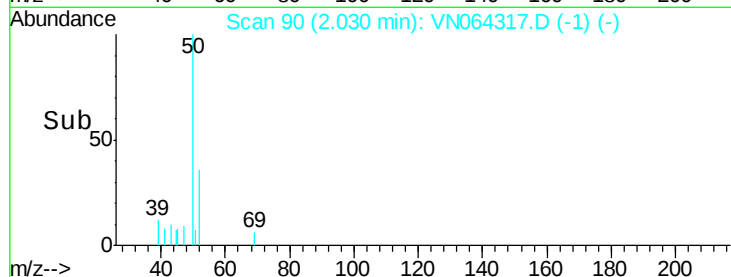
500

0

Time-->

2.00

2.05



#4

Vinyl Chloride

Concen: 1.124 ug/l

RT: 2.16 min Scan# 131

Delta R.T. 0.00 min

Lab File: VN064317.D

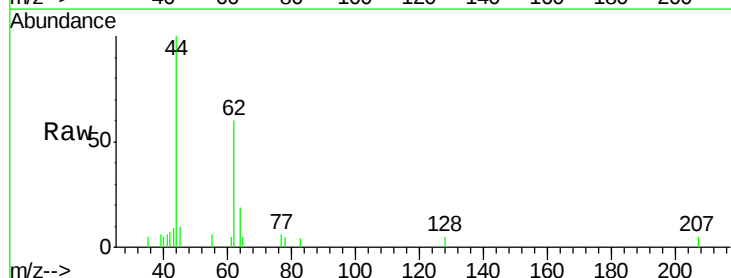
Acq: 27 Oct 2020 9:56

Tgt Ion: 62 Resp: 3290

Ion Ratio Lower Upper

62 100

64 30.8 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.16

2500

2000

1500

1000

500

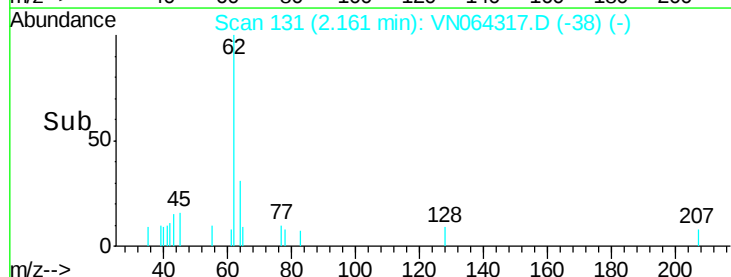
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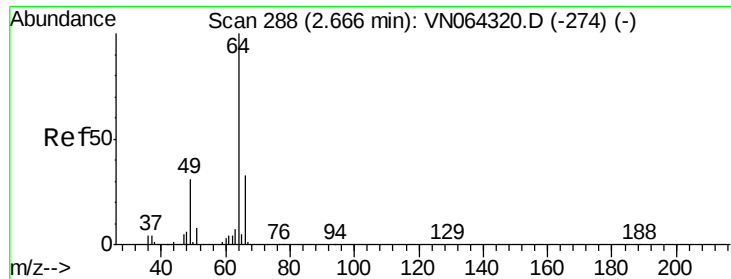
Time-->

2.10

2.15

2.20





#6

Chloroethane

Concen: 1.182 ug/l

RT: 2.67 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 2097

Ion Ratio Lower Upper

64 100

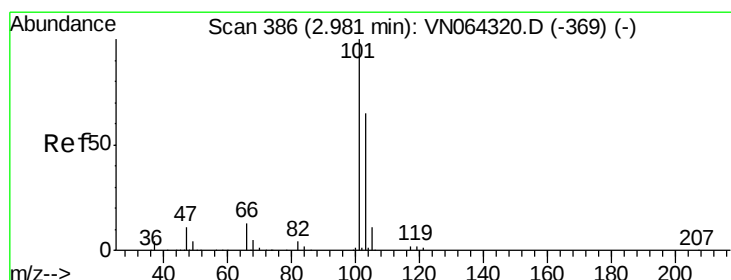
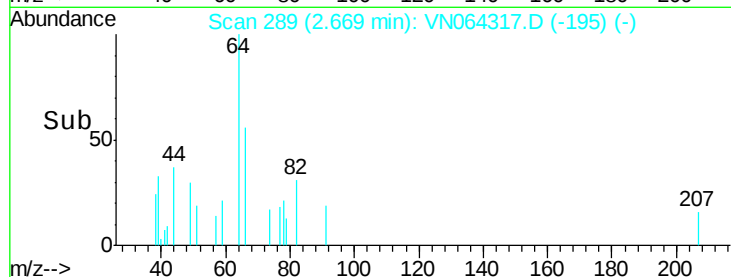
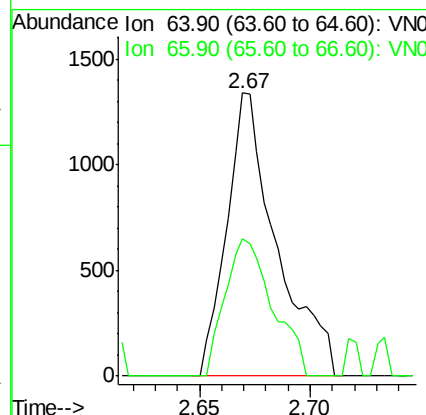
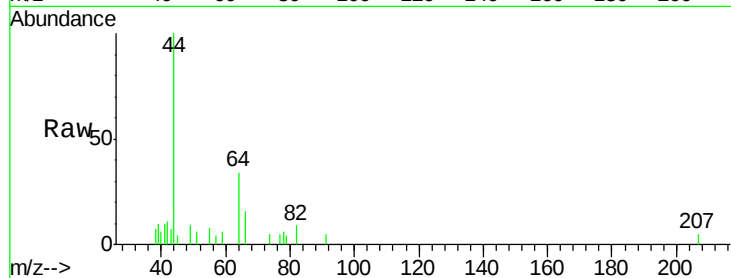
66 48.6 26.5 39.7#

Manual Integrations

APPROVED

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10/28/2020 12:35:16 PM



#7

Trichlorofluoromethane

Concen: 1.136 ug/l

RT: 2.97 min Scan# 384

Delta R.T. -0.01 min

Lab File: VN064317.D

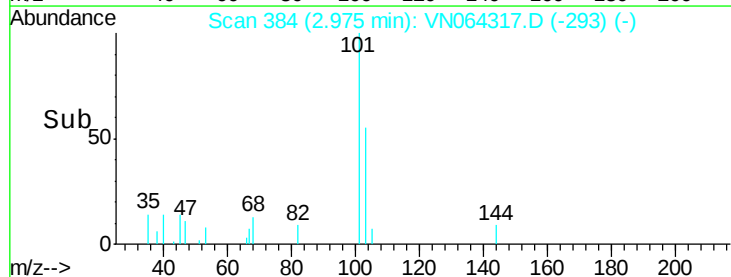
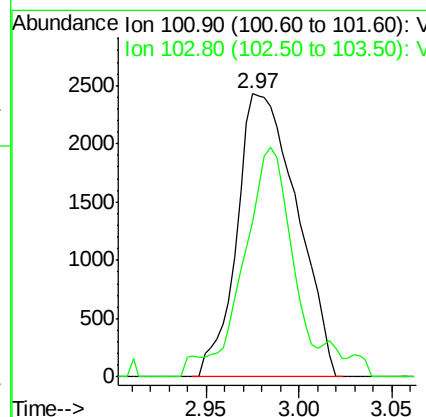
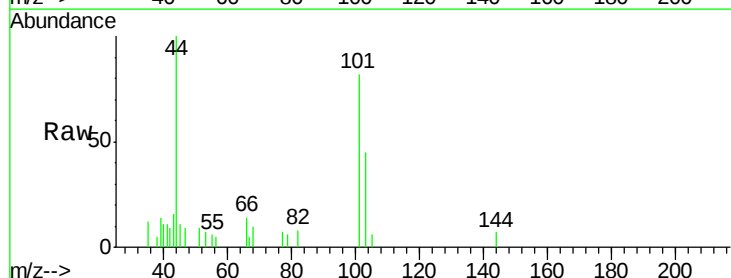
Acq: 27 Oct 2020 9:56

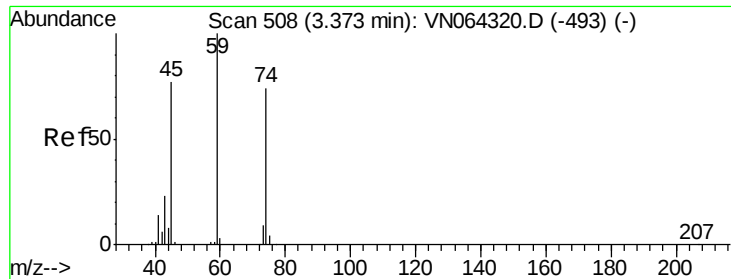
Tgt Ion: 101 Resp: 5473

Ion Ratio Lower Upper

101 100

103 48.4 51.7 77.5#





#8

Diethyl Ether

Concen: 1.038 ug/l

RT: 3.37 min Scan# 508

Delta R.T. 0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 74 Resp: 1652

Ion Ratio Lower Upper

74 100

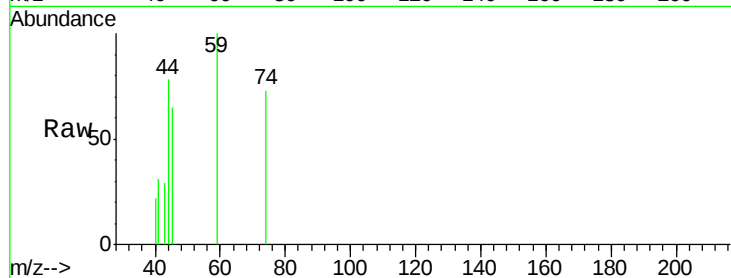
45 100.3 51.3 154.0

Manual Integrations

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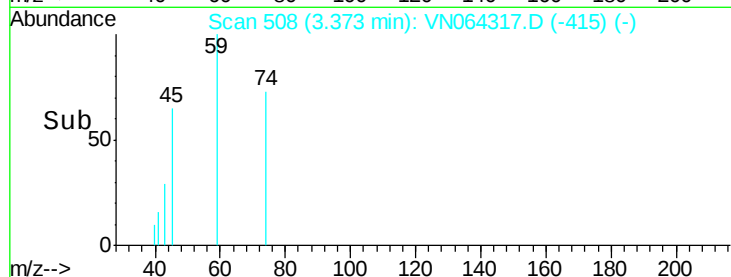


Abundance Ion 74.00 (73.70 to 74.70): VN064317.D (-493) (-)

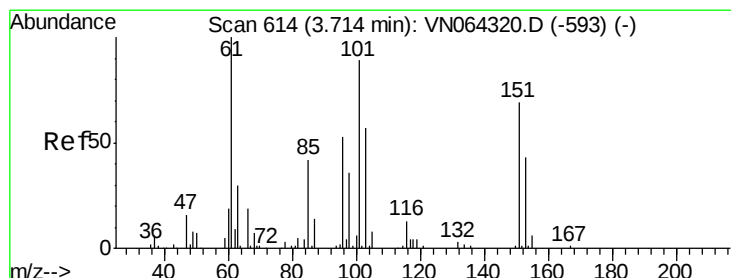
Ion 45.00 (44.70 to 45.70): VN064317.D (-493) (-)

3.37

3.35 3.40



Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.082 ug/l m

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

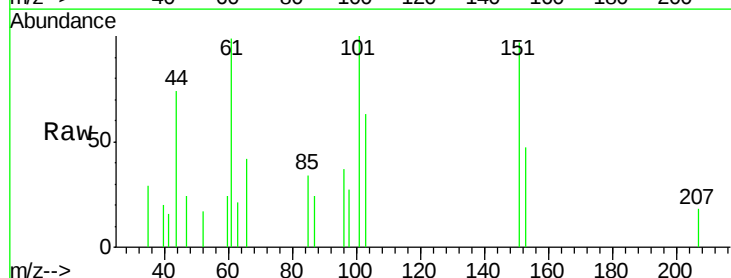
Tgt Ion: 101 Resp: 2690

Ion Ratio Lower Upper

101 100

85 11.1 38.4 57.6#

151 79.9 62.0 93.0



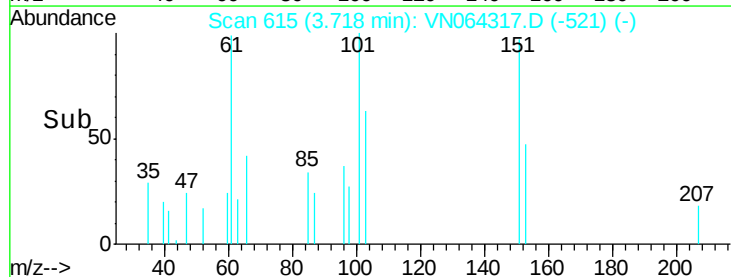
Abundance Ion 100.90 (100.60 to 101.60): VN064317.D (-521) (-)

Ion 84.90 (84.60 to 85.60): VN064317.D (-521) (-)

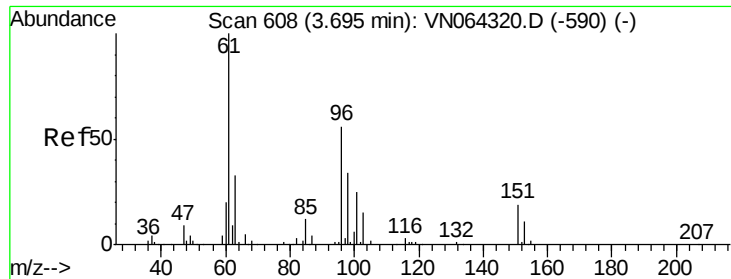
Ion 150.80 (150.50 to 151.50): VN064317.D (-521) (-)

3.72

3.65 3.70 3.75 3.80



Time-->



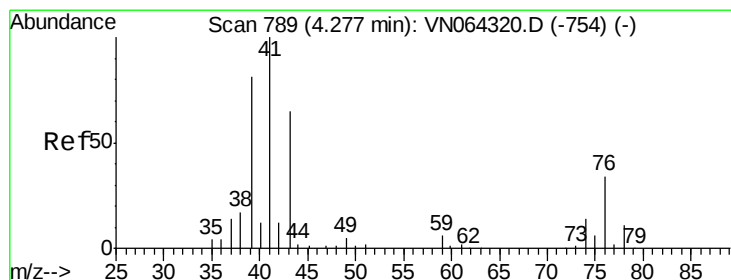
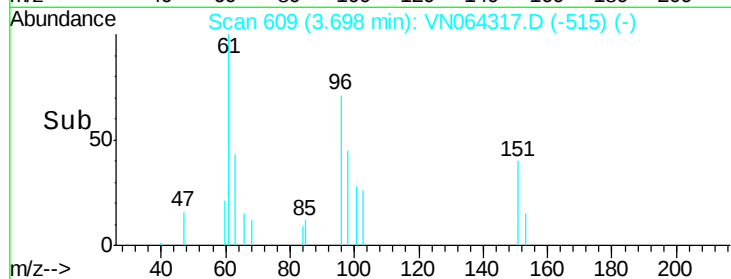
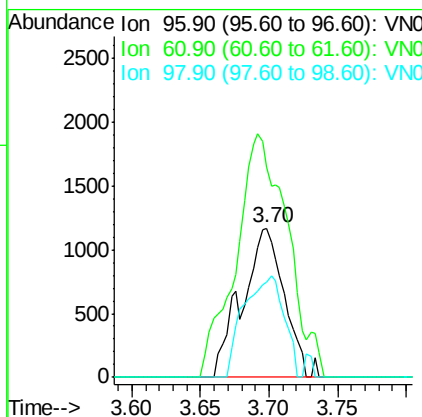
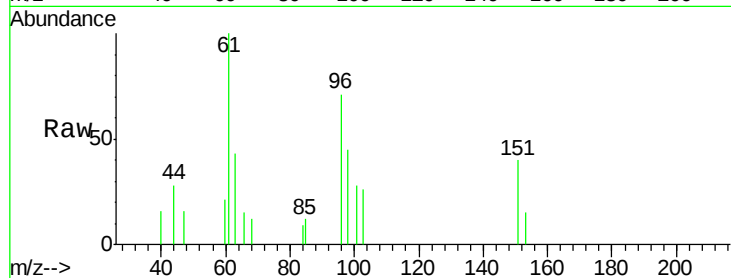
#12
 1,1-Dichloroethene
 Concen: 1.045 ug/l m
 RT: 3.70 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN064317.D
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Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.1	143.6	215.4#
98	63.9	48.6	73.0

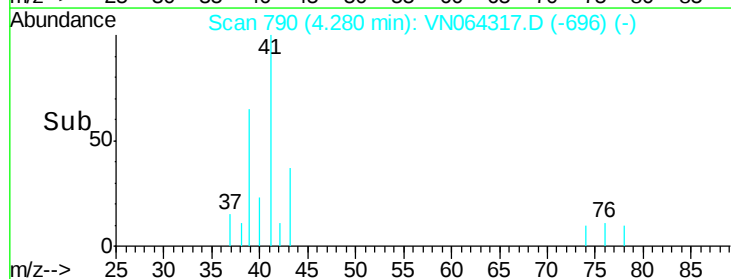
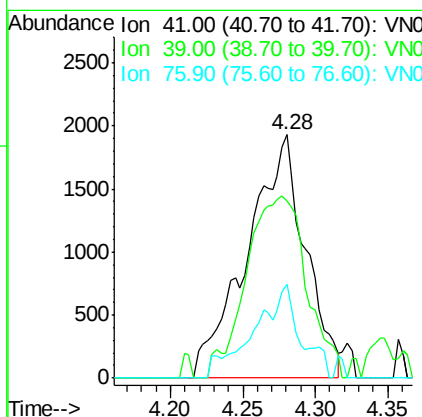
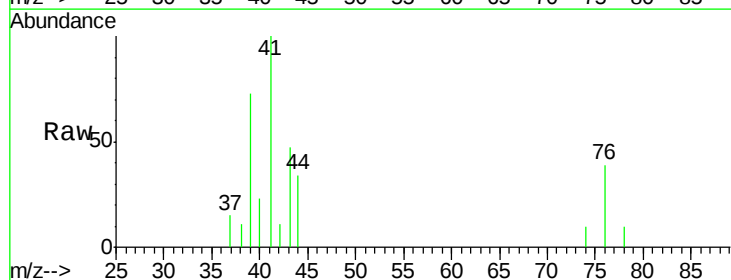
Manual Integrations
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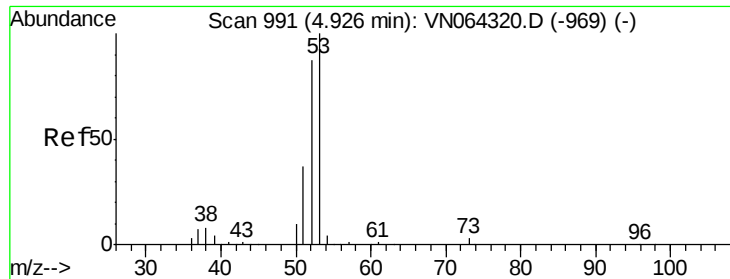
MMDadoda
 10/28/2020 12:35:16 PM



#14
 Allyl chloride
 Concen: 1.123 ug/l
 RT: 4.28 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: VN064317.D
 Acq: 27 Oct 2020 9:56

Tgt Ion	Ratio	Lower	Upper
41	100		
39	77.8	61.7	92.5
76	18.7	24.0	36.0#





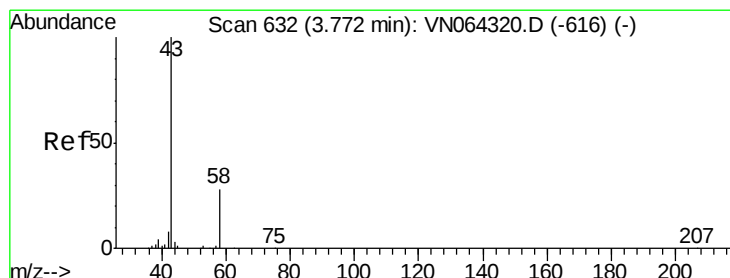
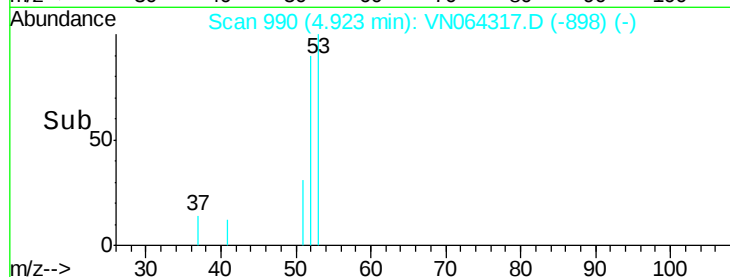
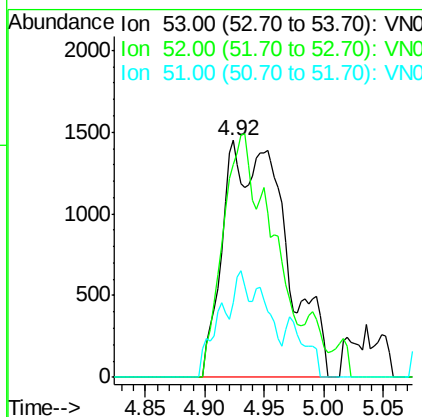
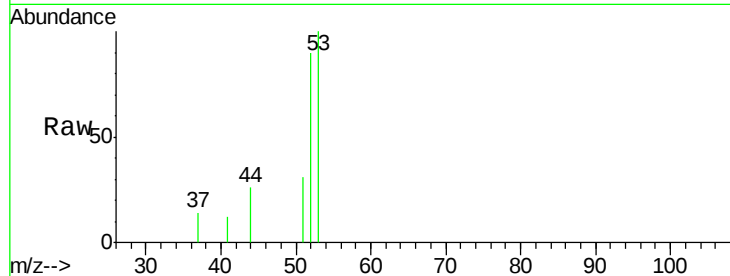
#15
 Acrylonitrile
 Concen: 4.853 ug/l m
 RT: 4.92 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: VN064317.D
 Acq: 27 Oct 2020 9:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
53	100		
52	49.6	65.9	98.9#
51	4.0	30.4	45.6#

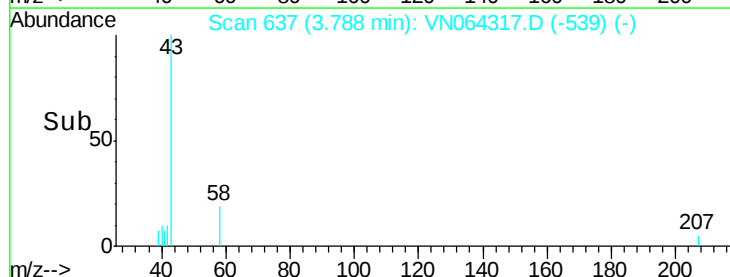
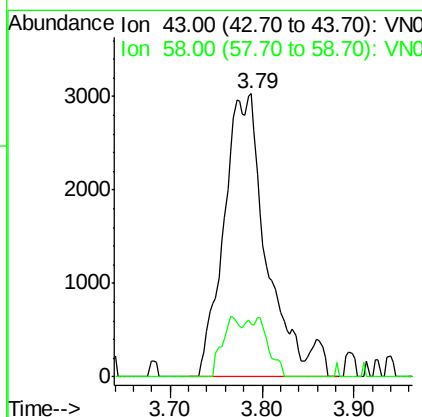
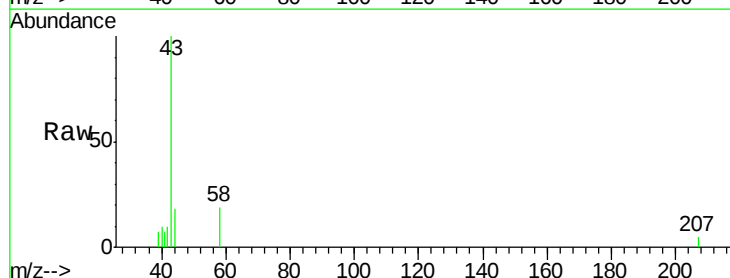
Manual Integrations
 APPROVED

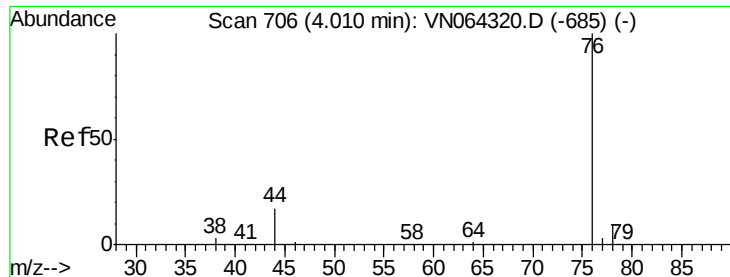
MMDadoda
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#16
 Acetone
 Concen: 8.643 ug/l m
 RT: 3.79 min Scan# 637
 Delta R.T. 0.02 min
 Lab File: VN064317.D
 Acq: 27 Oct 2020 9:56

Tgt Ion	Ratio	Lower	Upper
43	100		
58	18.8	22.1	33.1#





#17

Carbon Disulfide

Concen: 1.184 ug/l

RT: 4.01 min Scan# 706

Delta R.T. 0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 76 Resp: 8069

Ion Ratio Lower Upper

76 100

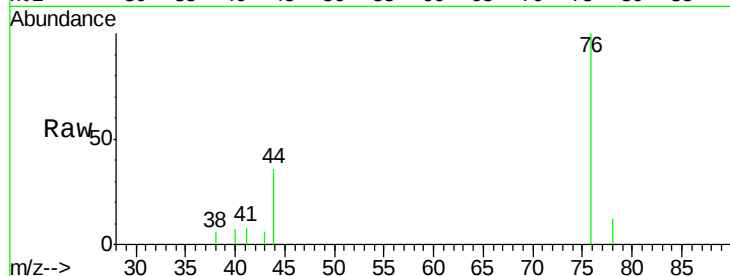
78 11.7 7.3 10.9#

Manual Integrations

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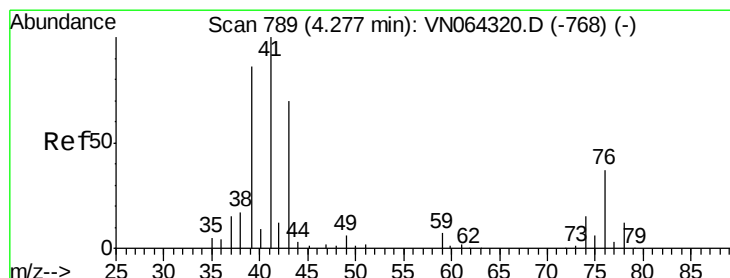
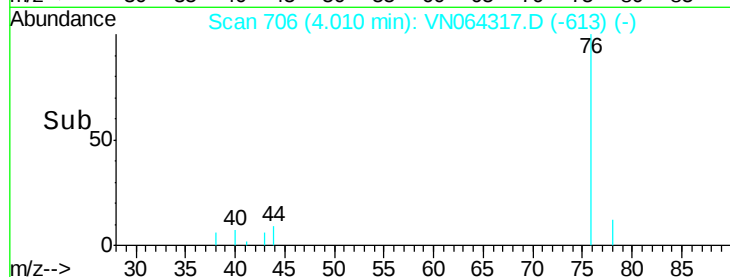
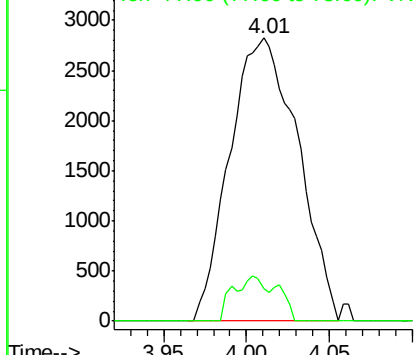
MMDadoda

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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: 1.307 ug/l m

RT: 4.29 min Scan# 794

Delta R.T. 0.02 min

Lab File: VN064317.D

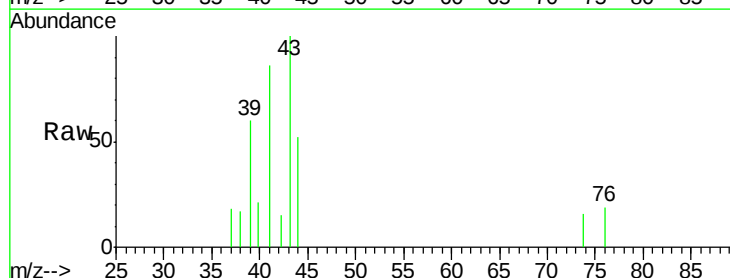
Acq: 27 Oct 2020 9:56

Tgt Ion: 43 Resp: 3691

Ion Ratio Lower Upper

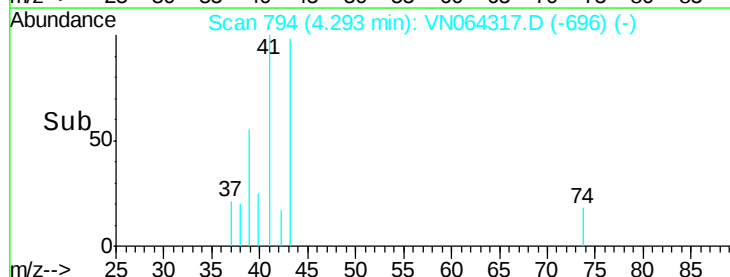
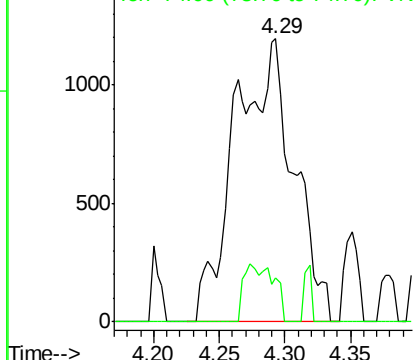
43 100

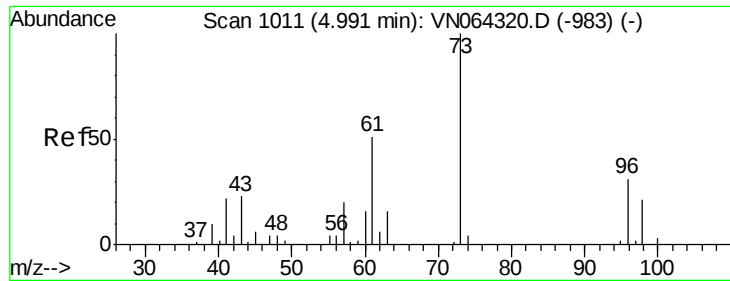
74 10.5 16.7 25.1#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO





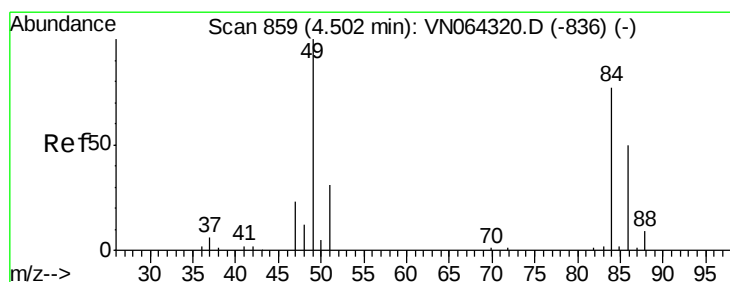
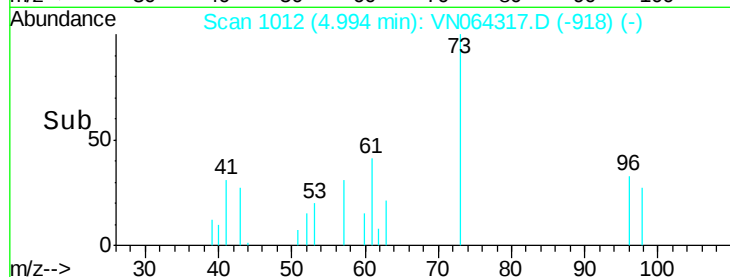
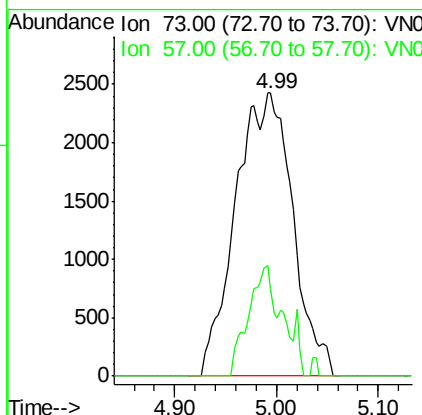
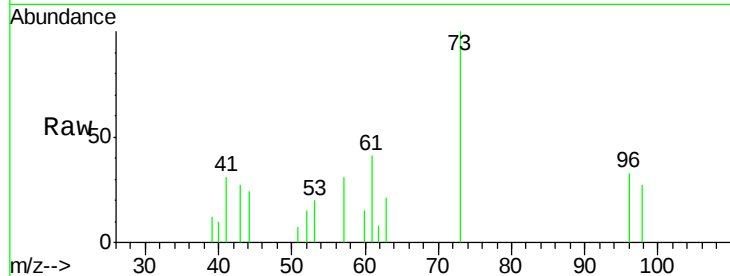
#19
Methvl tert-butvl Ether
Concen: 1.124 ug/l m
RT: 4.99 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 73 Resp: 9453
Ion Ratio Lower Upper
73 100
57 31.0 16.1 24.1#

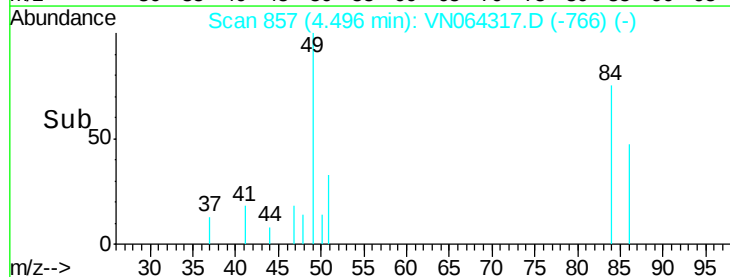
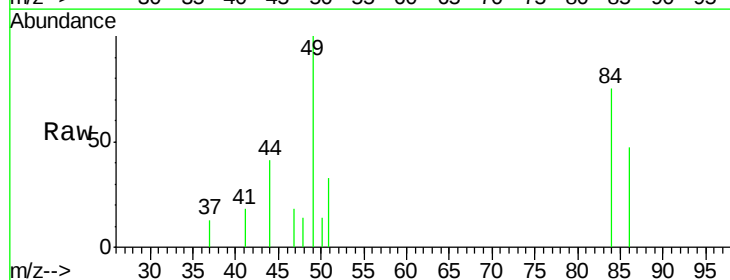
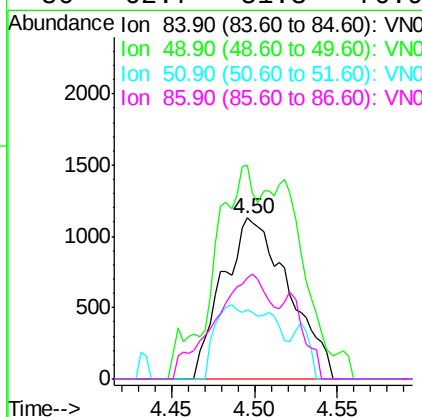
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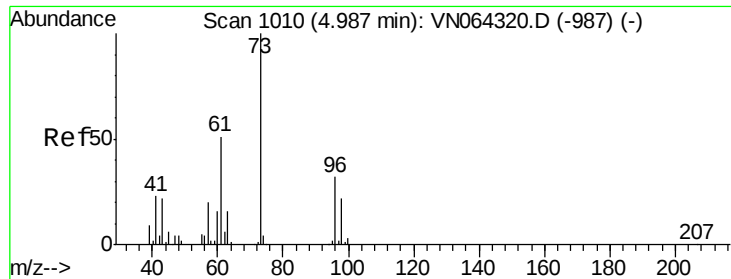
MMDadoda
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#20
Methylene Chloride
Concen: 1.081 ug/l
RT: 4.50 min Scan# 857
Delta R.T. -0.01 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Tgt Ion: 84 Resp: 3136
Ion Ratio Lower Upper
84 100
49 116.8 103.6 155.4
51 43.4 31.8 47.8
86 62.7 51.3 76.9





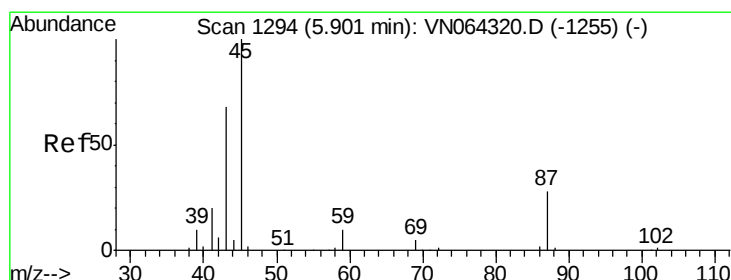
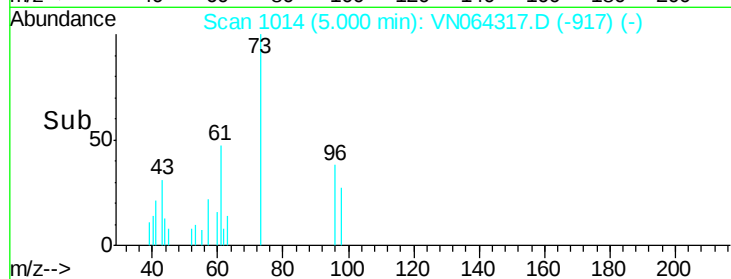
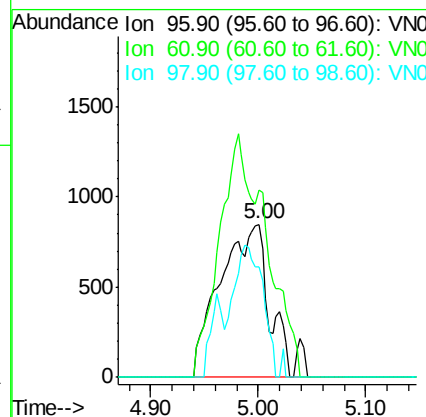
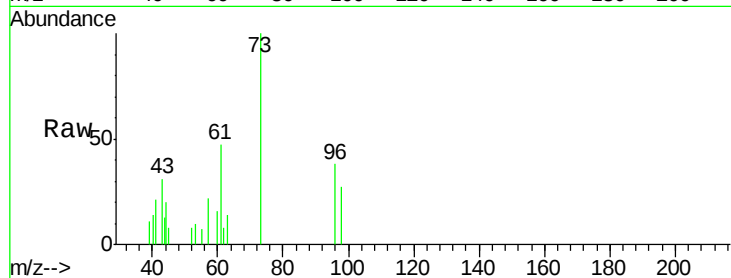
#21
trans-1,2-Dichloroethene
Concen: 1.053 ug/l m
RT: 5.00 min Scan# 1014
Delta R.T. 0.01 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	122.3	128.2	192.2#
98	71.8	56.1	84.1

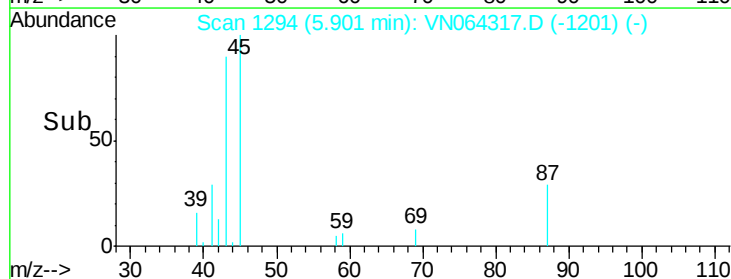
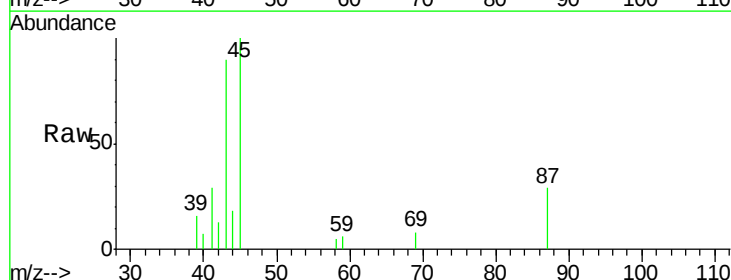
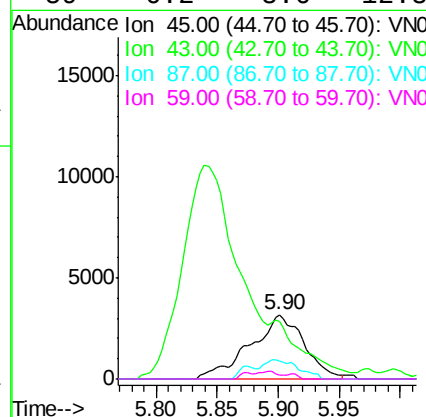
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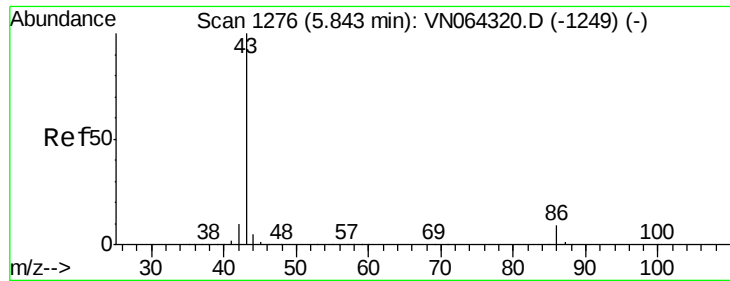
MMDadoda
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#22
Diisopropyl ether
Concen: 1.074 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Tgt Ion	Ratio	Lower	Upper
45	100		
43	75.8	54.6	82.0
87	28.5	22.6	33.8
59	6.2	8.6	12.8#





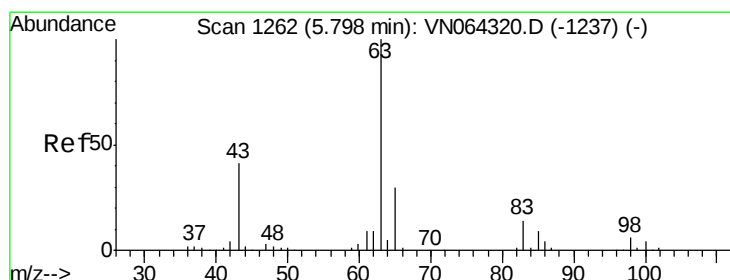
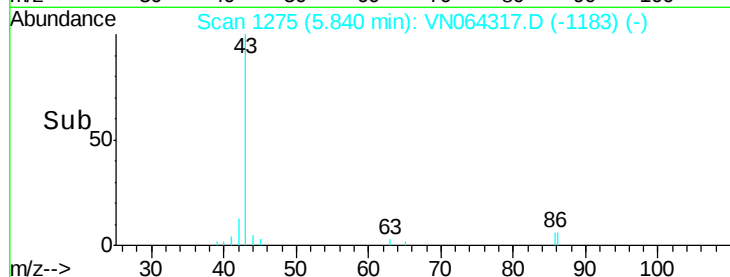
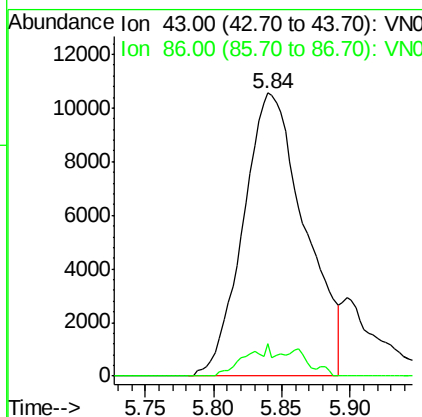
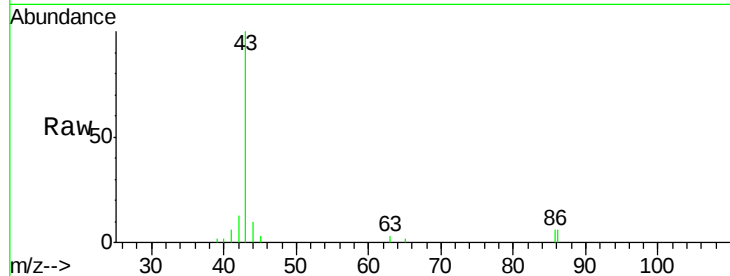
#23
 Vinyl Acetate
 Concen: 4.126 ug/l
 RT: 5.84 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: VN064317.D
 Acq: 27 Oct 2020 9:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	43	Resp	33096
Ion Ratio	100	Lower	Upper
43	100		
86	11.4	7.3	10.9#

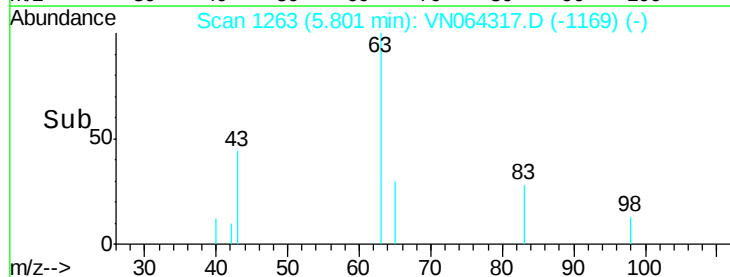
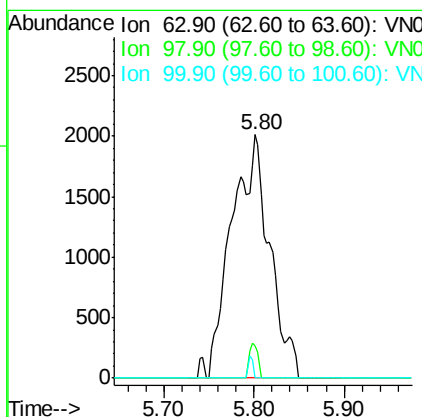
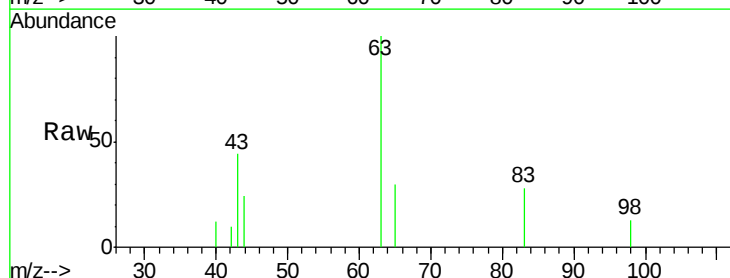
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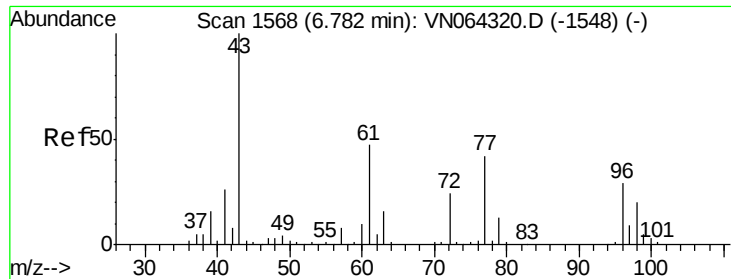
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 1.139 ug/l m
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN064317.D
 Acq: 27 Oct 2020 9:56

Tgt Ion	63	Resp	5904
Ion Ratio	100	Lower	Upper
63	100		
98	13.3	3.1	9.4#
100	0.0	2.0	5.8#





#25

2-Butanone

Concen: 5.897 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. 0.01 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 10525

Ion Ratio Lower Upper

43 100

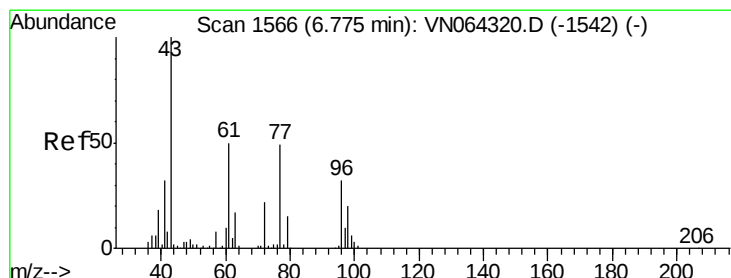
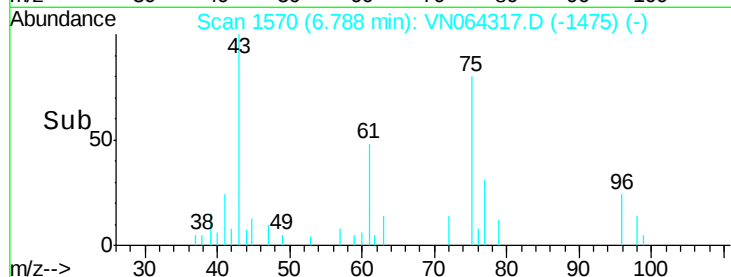
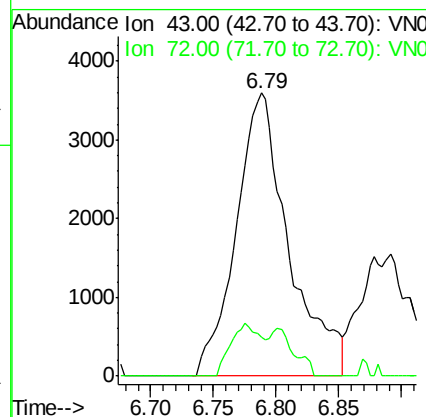
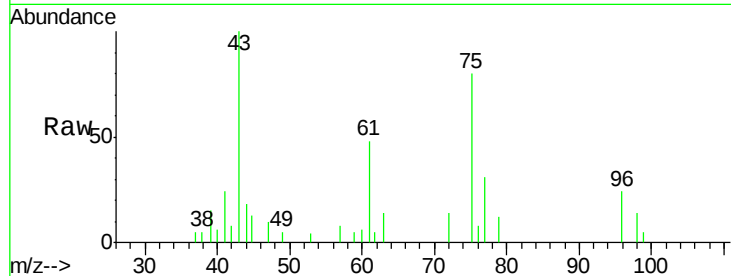
72 13.8 18.8 28.2#

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#26

2,2-Dichloropropane

Concen: 1.129 ug/l

RT: 6.77 min Scan# 1564

Delta R.T. -0.01 min

Lab File: VN064317.D

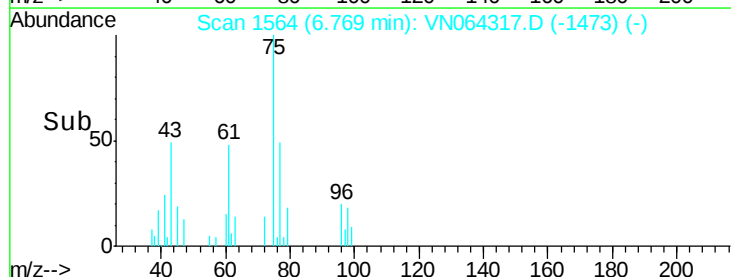
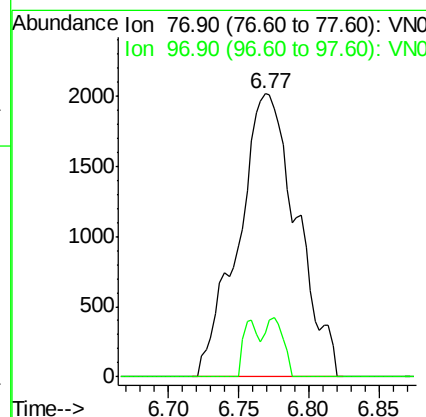
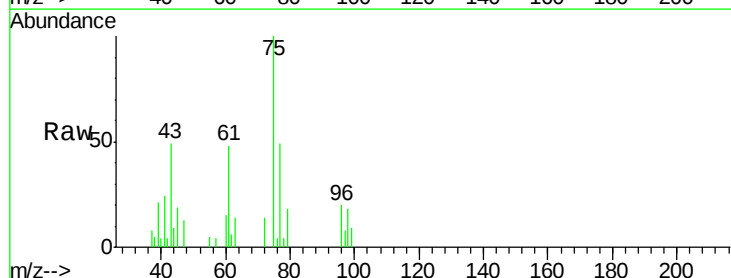
Acq: 27 Oct 2020 9:56

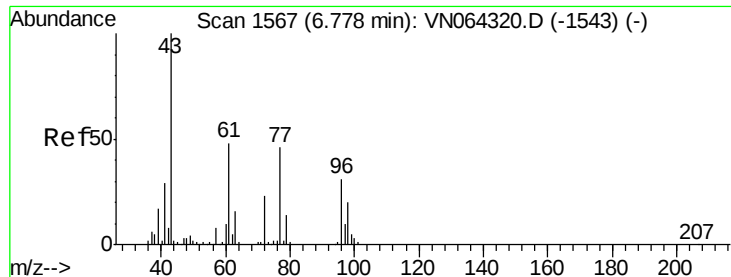
Tgt Ion: 77 Resp: 5821

Ion Ratio Lower Upper

77 100

97 6.5 10.2 30.6#





#27

cis-1,2-Dichloroethene

Concen: 0.954 ug/l m

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

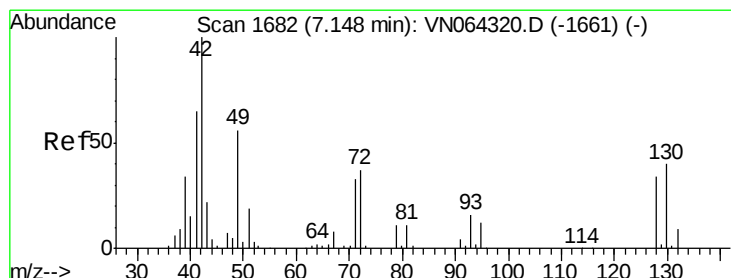
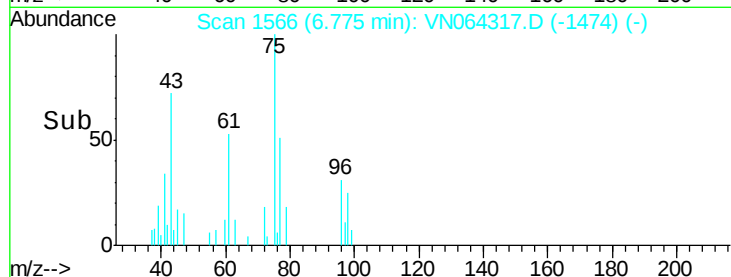
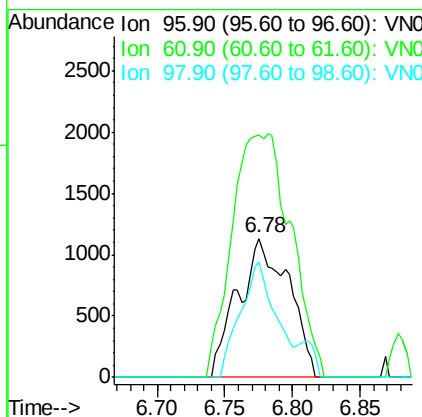
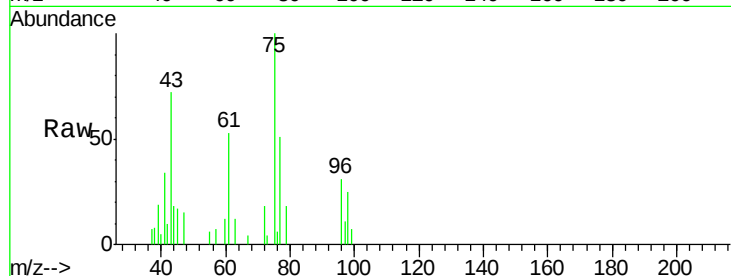
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	2943
Ion	Ratio	Lower	Upper
96	100		
61	202.9	0.0	325.0
98	58.3	0.0	128.4

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#28

Bromochloromethane

Concen: 0.986 ug/l m

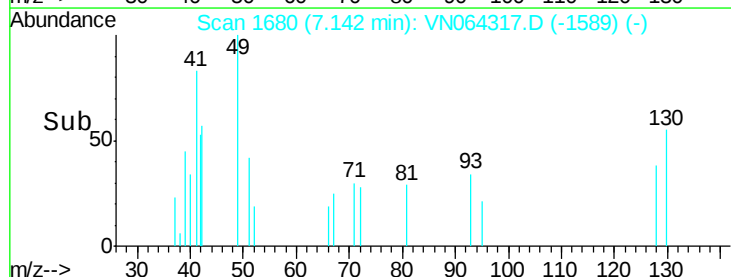
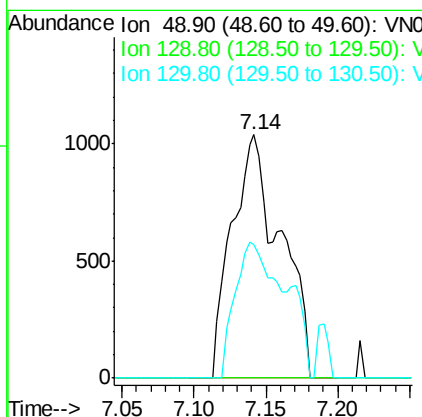
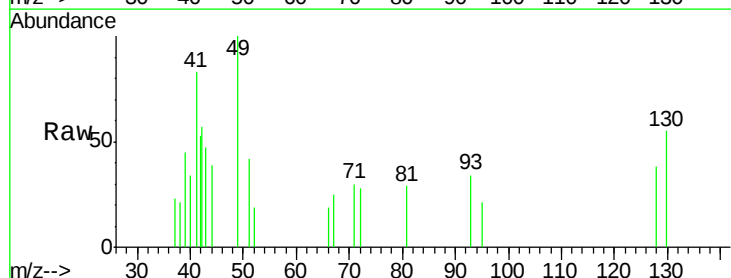
RT: 7.14 min Scan# 1680

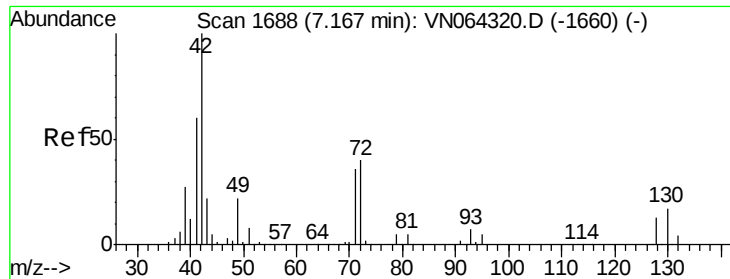
Delta R.T. -0.01 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Tgt Ion:	49	Resp:	2433
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.8
130	47.6	56.2	84.2#





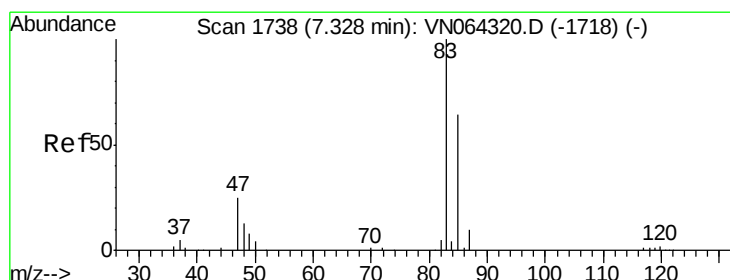
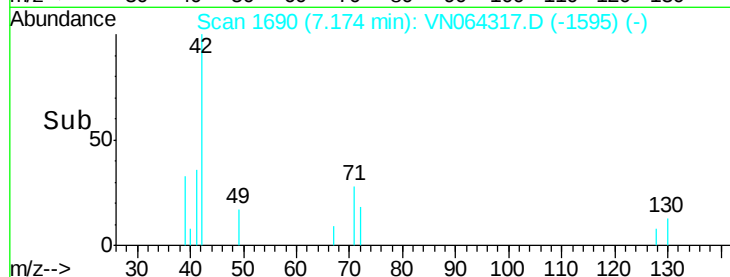
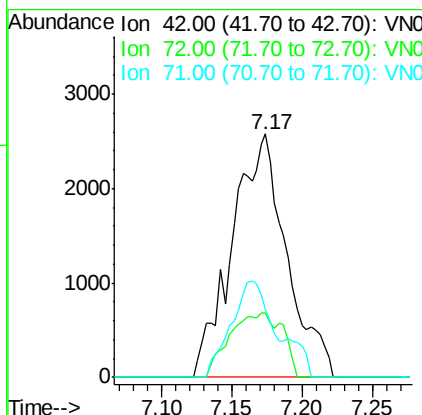
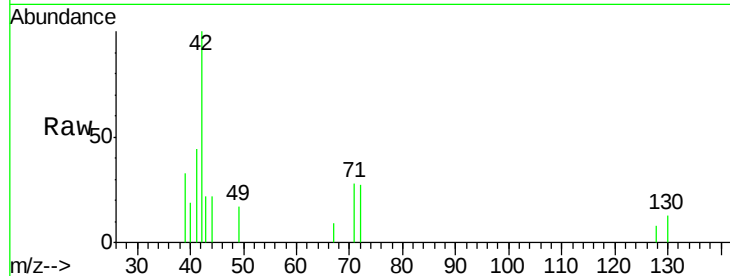
#29
Tetrahydrofuran
Concen: 6.412 ug/l
RT: 7.17 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	25.8	31.6	47.4#
71	28.8	29.4	44.0#

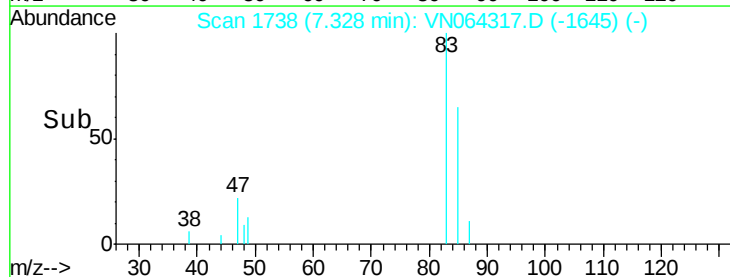
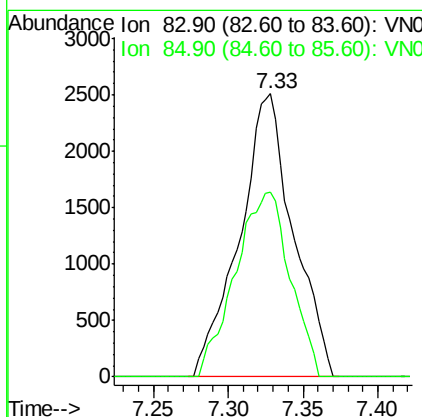
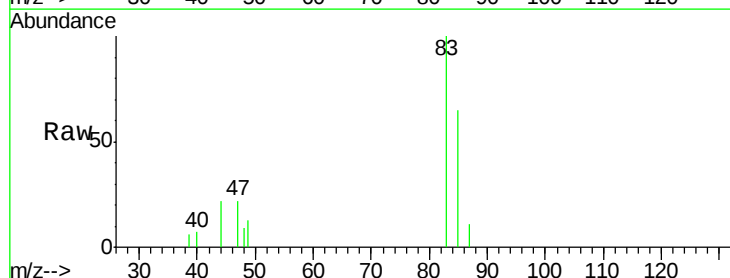
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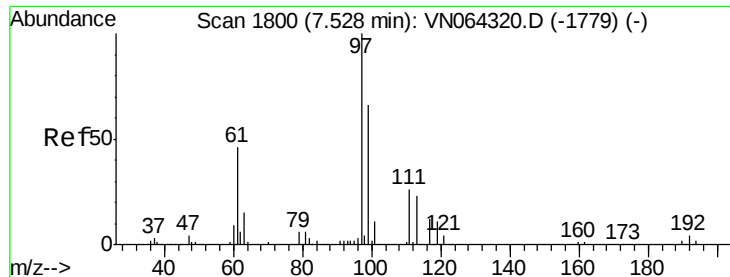
MMDadoda
10/28/2020 12:35:16 PM



#30
Chloroform
Concen: 1.136 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.1	76.7





#32

1,1,1-Trichloroethane

Concen: 1.206 ug/l

RT: 7.52 min Scan# 1798

Delta R.T. -0.01 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

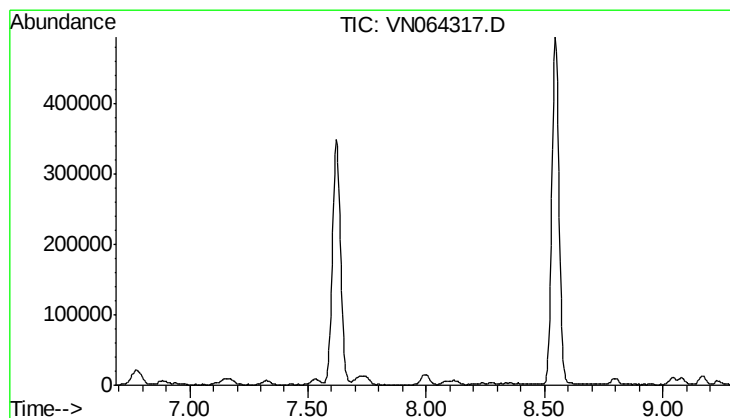
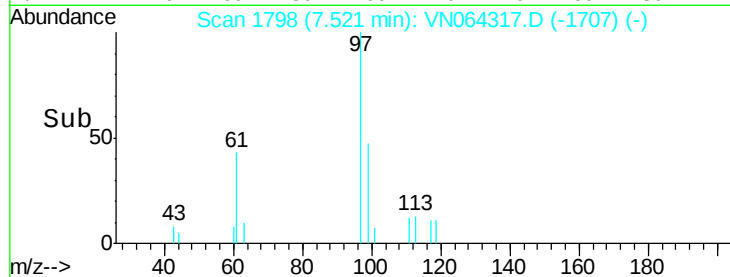
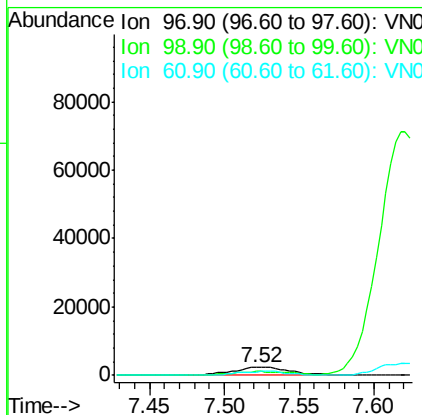
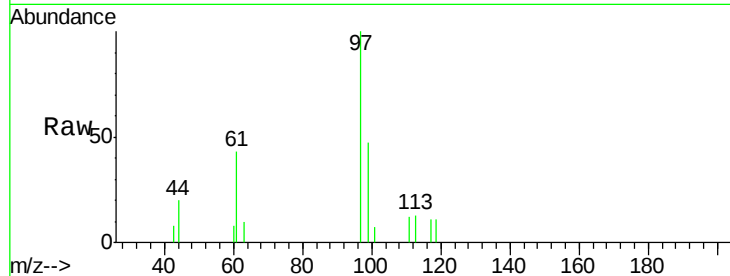
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	6246
Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.6	76.0#
61	41.2	35.8	53.6

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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 7.99 min

Lab File: VN064317.D

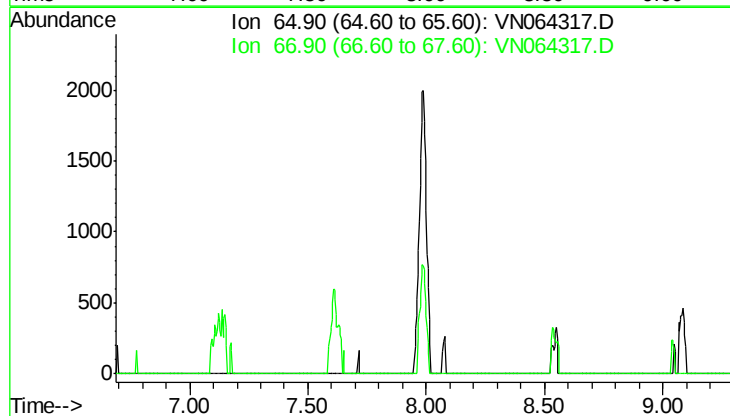
Acq: 27 Oct 2020 9:56

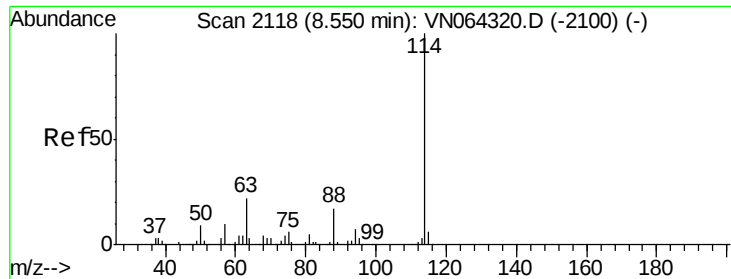
Tgt Ion: 65

Sig Exp Ratio

65 100

67 49.6





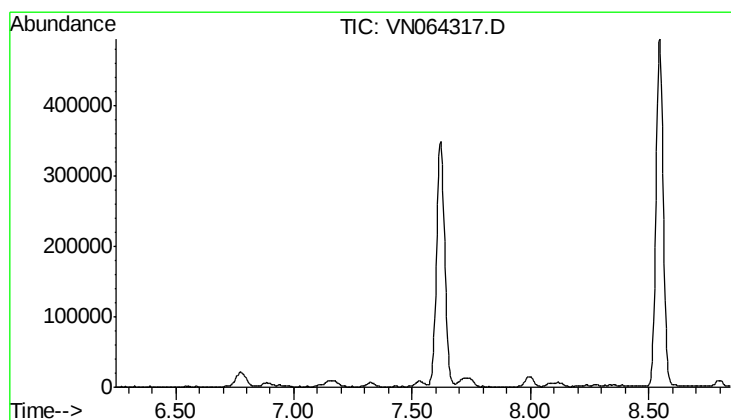
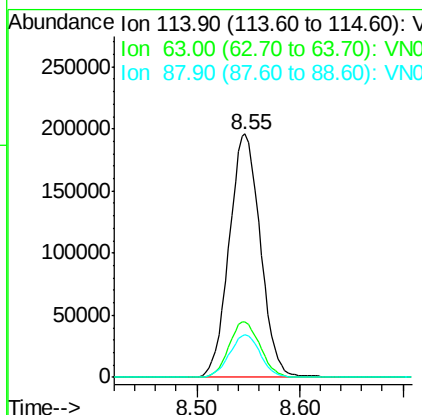
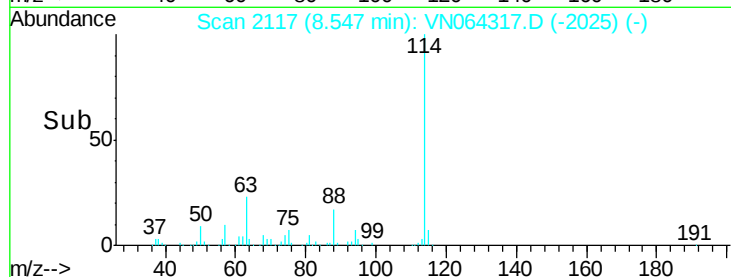
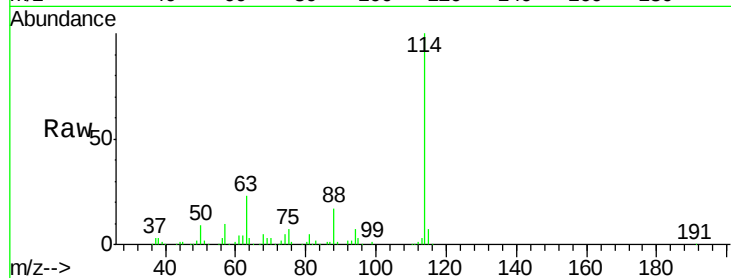
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064317.D
 Acq: 27 Oct 2020 9:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	22.8	0.0	44.6
88	17.3	0.0	33.4

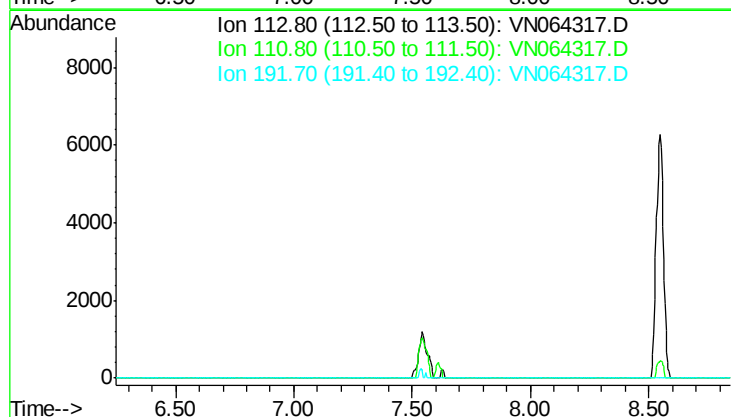
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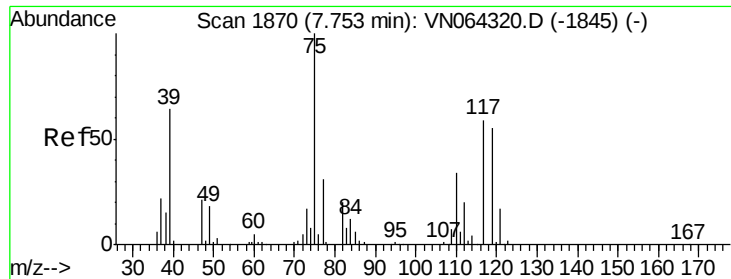
MMDadoda
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#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.55 min
 Lab File: VN064317.D
 Acq: 27 Oct 2020 9:56

Tgt Ion	Exp Ratio
113	100
111	101.9
192	18.7





#36

1,1-Dichloropropene

Concen: 1.048 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. 0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

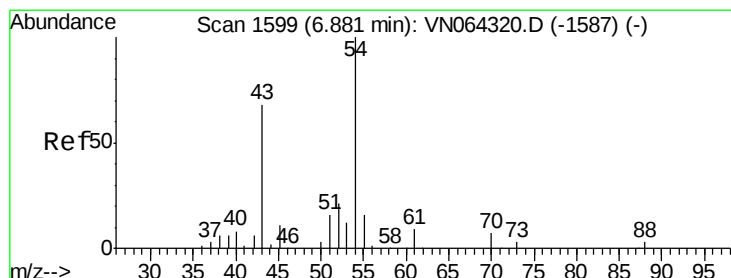
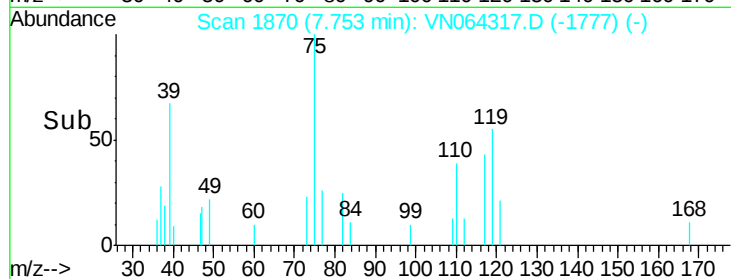
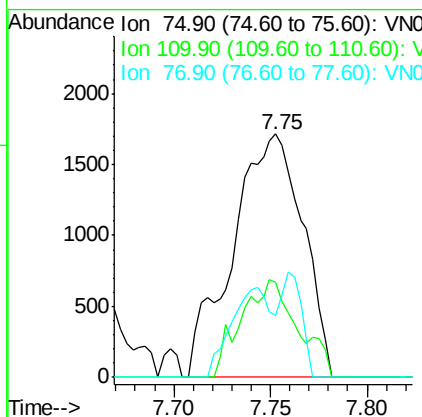
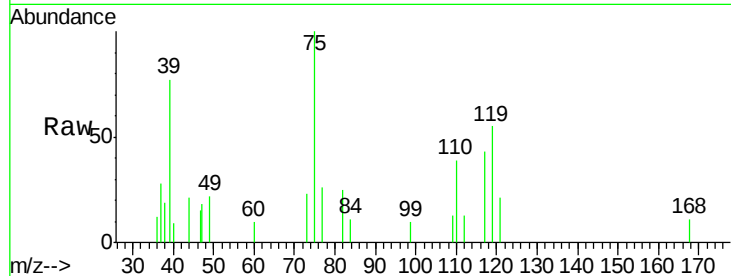
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	4326
Ion	Ratio	Lower	Upper
75	100		
110	32.5	16.8	50.3
77	12.6	24.2	36.4#

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#37

Ethyl Acetate

Concen: 1.102 ug/l m

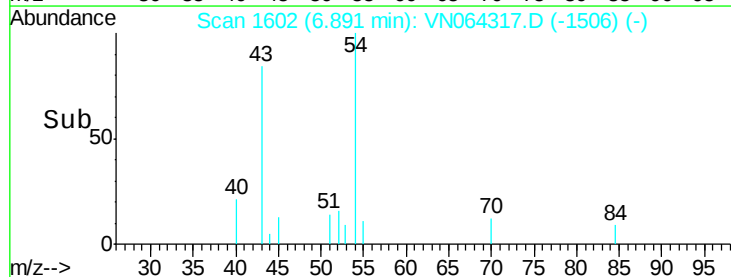
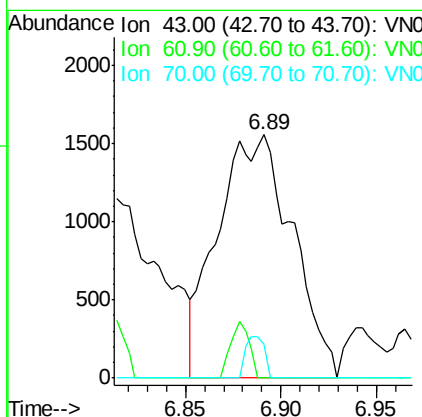
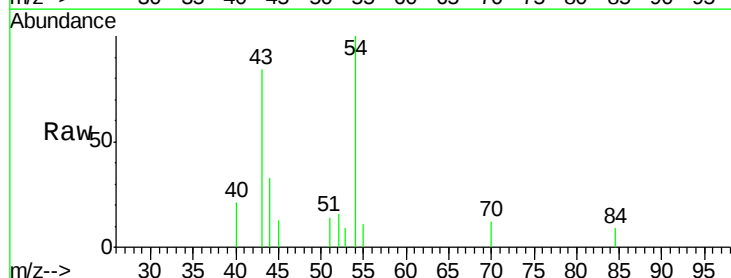
RT: 6.89 min Scan# 1602

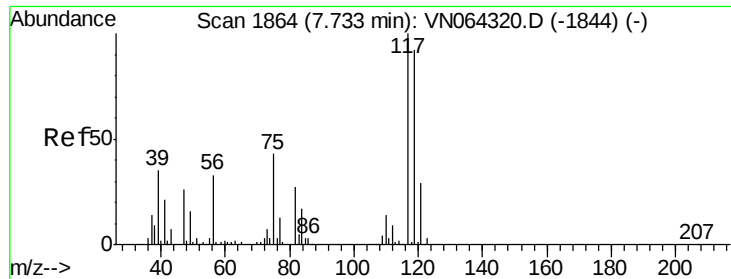
Delta R.T. 0.01 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Tgt Ion:	43	Resp:	4221
Ion	Ratio	Lower	Upper
43	100		
61	5.8	10.0	15.0#
70	4.3	7.1	10.7#





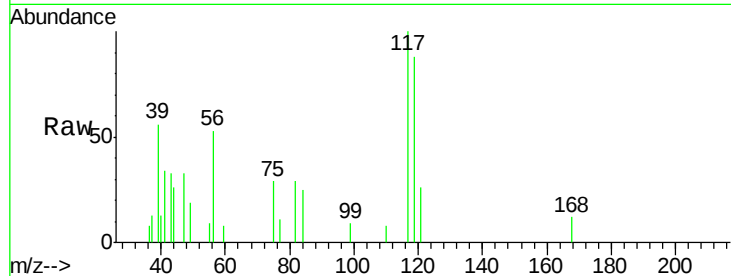
#38
Carbon Tetrachloride
Concen: 1.052 ug/l m
RT: 7.72 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

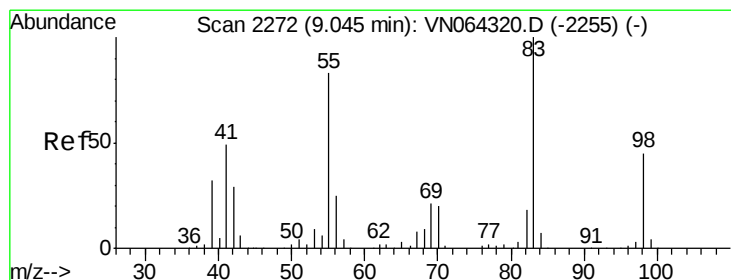
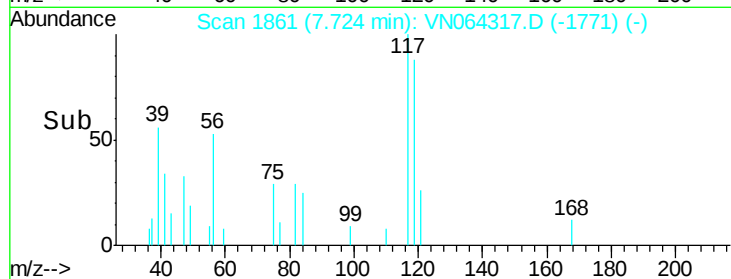
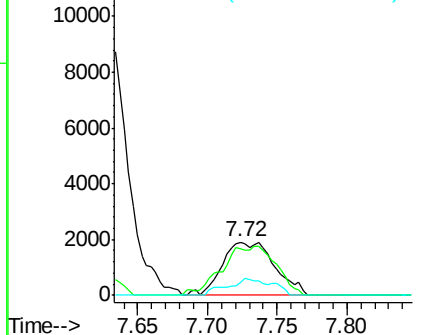
Tot Ion	Ratio	Lower	Upper
117	100		
119	87.7	73.7	110.5
121	25.5	22.8	34.2

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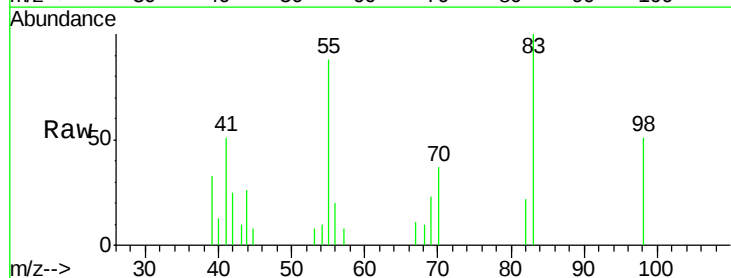


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

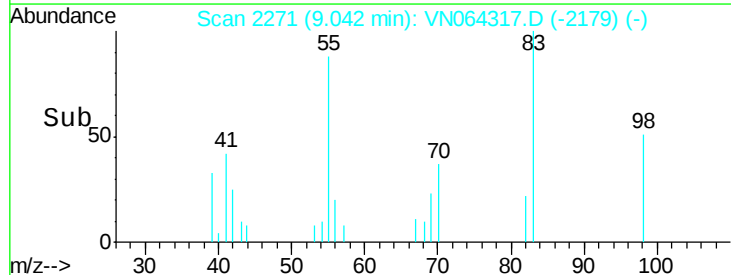
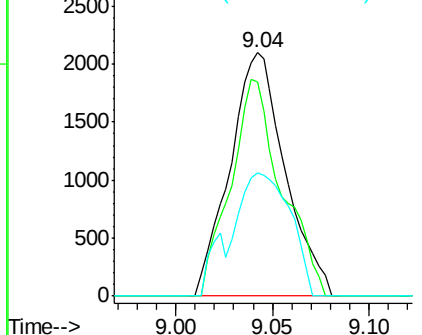


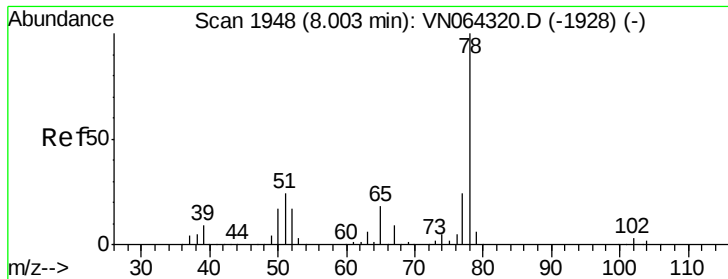
#39
Methylcyclohexane
Concen: 1.099 ug/l
RT: 9.04 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Tgt Ion	Ratio	Lower	Upper
83	100		
55	87.9	66.2	99.4
98	50.9	36.0	54.0



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





#40

Benzene

Concen: 1.087 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 12391

Ion Ratio Lower Upper

78 100

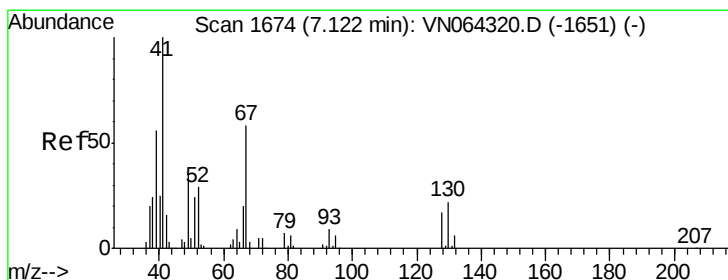
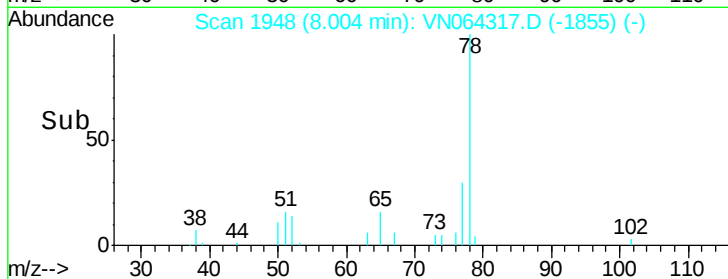
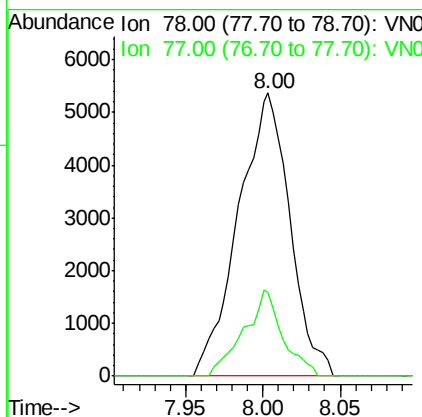
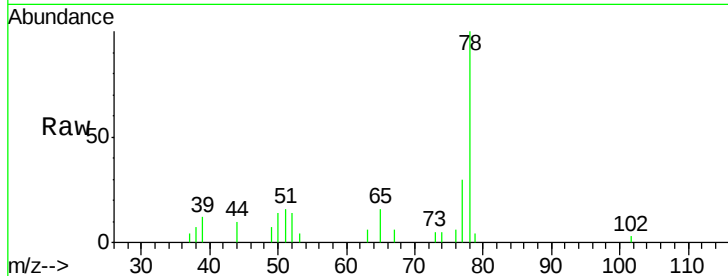
77 29.8 18.8 28.2#

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#41

Methacrylonitrile

Concen: 1.024 ug/l

RT: 7.12 min Scan# 1673

Delta R.T. -0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Tgt Ion: 41 Resp: 2051

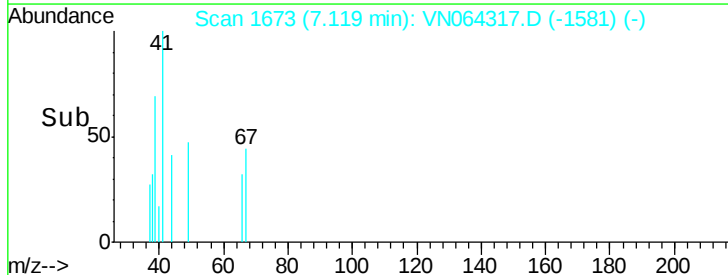
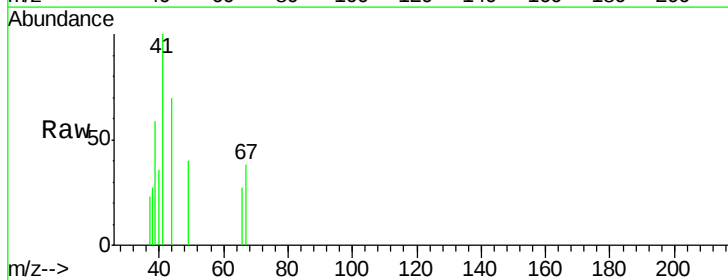
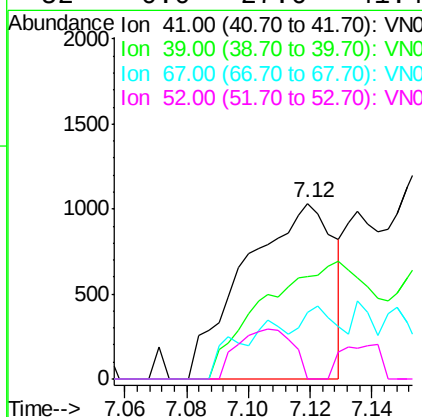
Ion Ratio Lower Upper

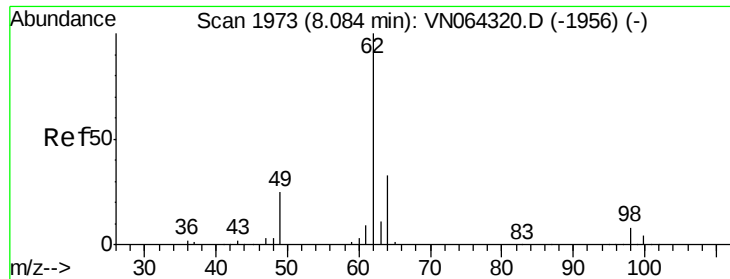
41 100

39 0.0 48.6 72.8#

67 19.3 61.4 92.2#

52 0.0 27.6 41.4#





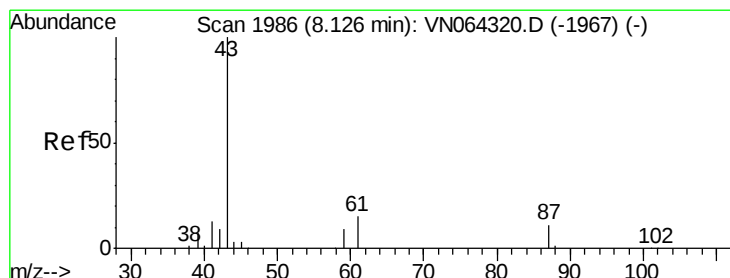
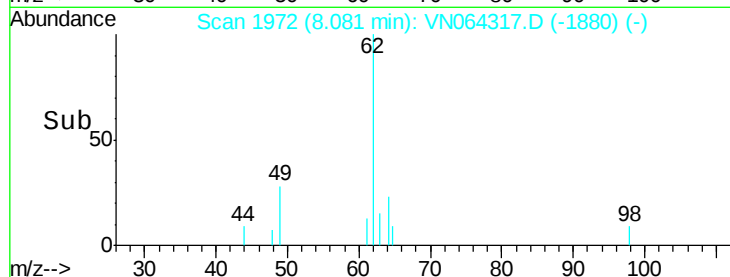
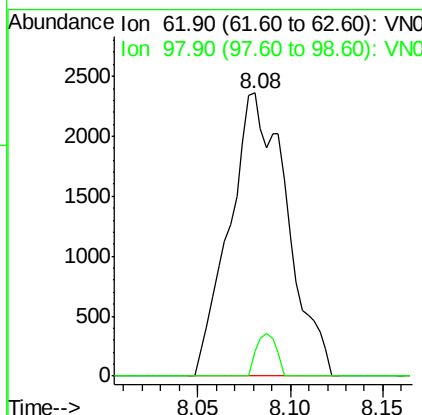
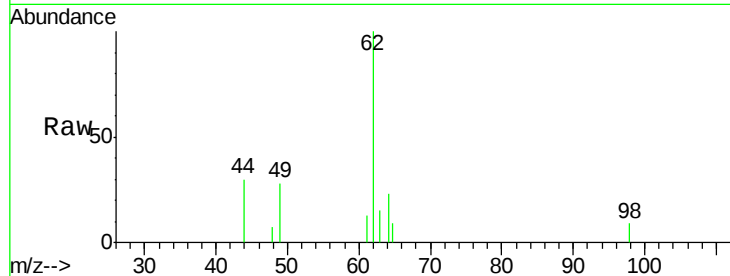
#42
 1,2-Dichloroethane
 Concen: 1.037 ug/l
 RT: 8.08 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VN064317.D
 Acq: 27 Oct 2020 9:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	5.2	0.0	14.2

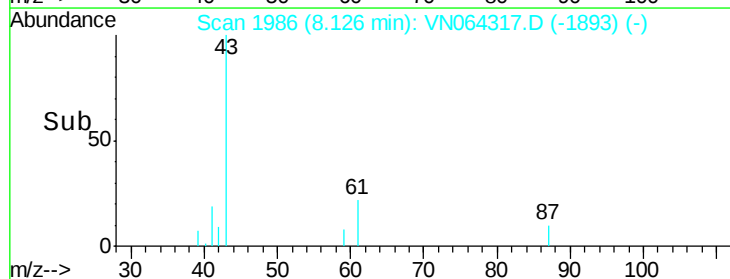
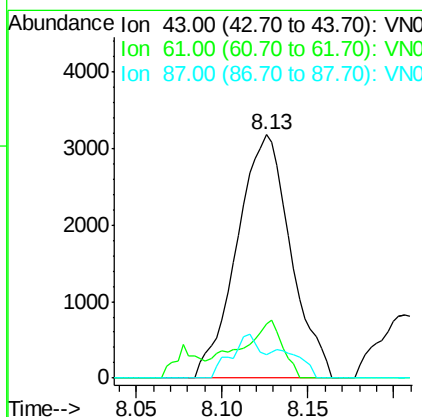
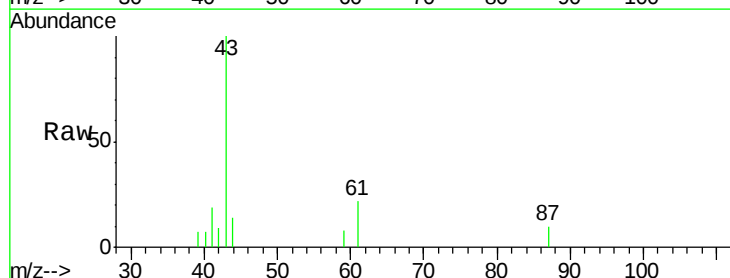
Manual Integrations
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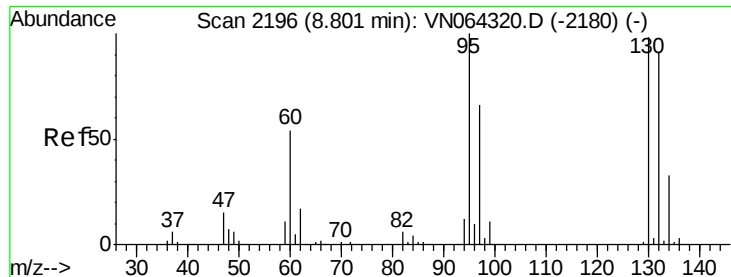
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#43
 Isopropyl Acetate
 Concen: 0.977 ug/l
 RT: 8.13 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VN064317.D
 Acq: 27 Oct 2020 9:56

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.2	19.1	28.7
87	10.1	9.3	13.9





#44

Trichloroethene

Concen: 0.911 ug/l

RT: 8.79 min Scan# 2193

Delta R.T. -0.01 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 2834

Ion Ratio Lower Upper

130 100

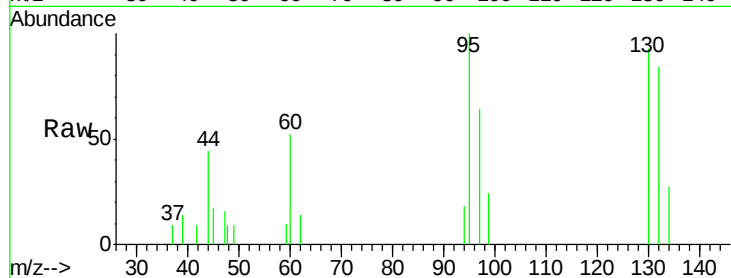
95 107.7 0.0 203.6

Manual Integrations

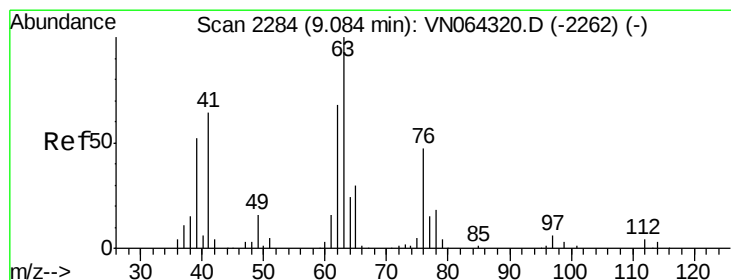
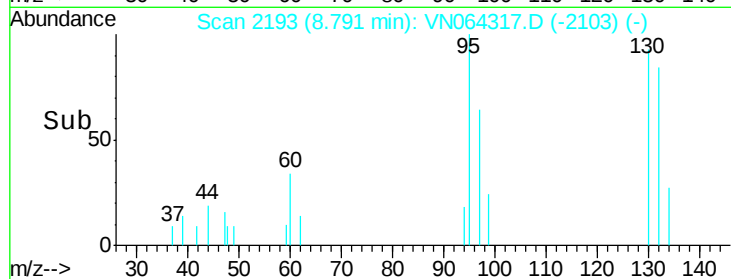
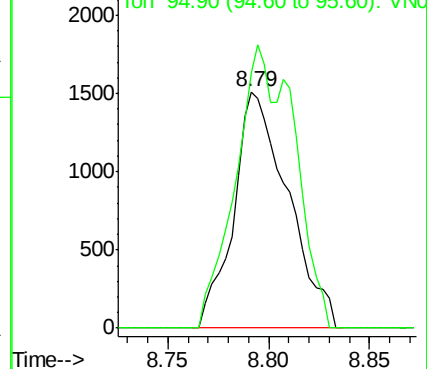
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Abundance Ion 129.80 (129.50 to 130.50): VN064317.D (-2103) (-)



#45

1,2-Dichloropropane

Concen: 1.102 ug/l

RT: 9.08 min Scan# 2283

Delta R.T. -0.00 min

Lab File: VN064317.D

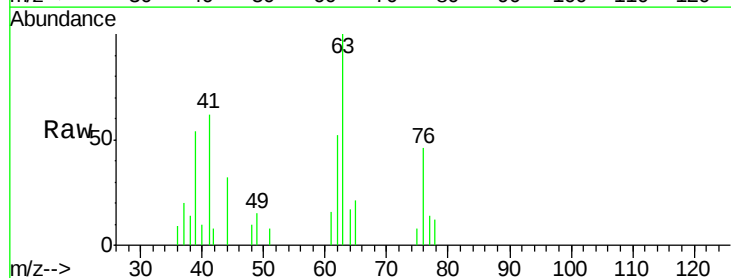
Acq: 27 Oct 2020 9:56

Tgt Ion: 63 Resp: 3347

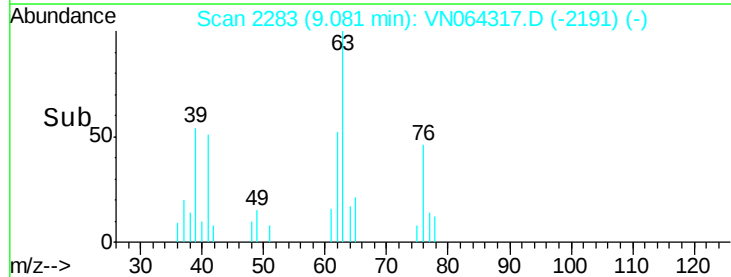
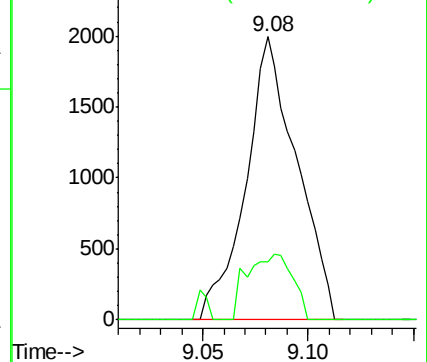
Ion Ratio Lower Upper

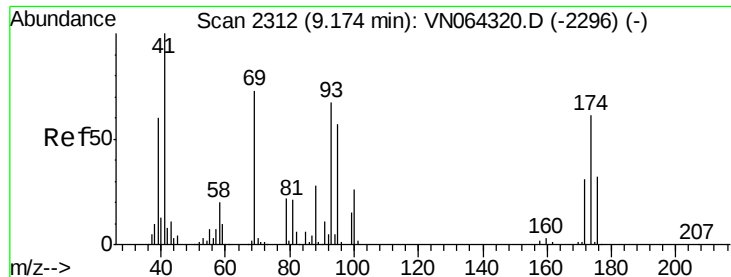
63 100

65 20.7 24.3 36.5#



Abundance Ion 62.90 (62.60 to 63.60): VN064317.D (-2191) (-)





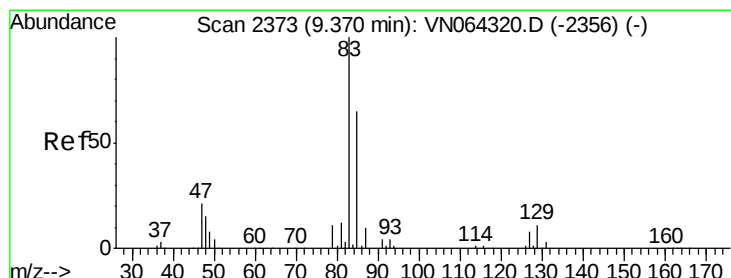
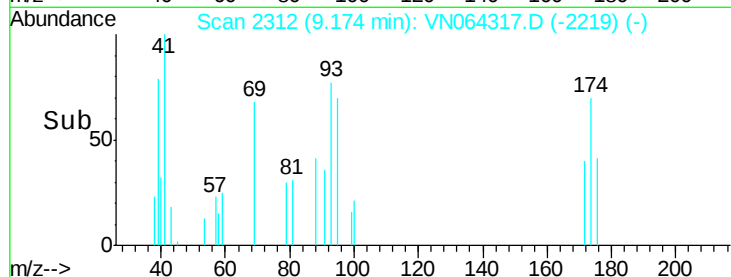
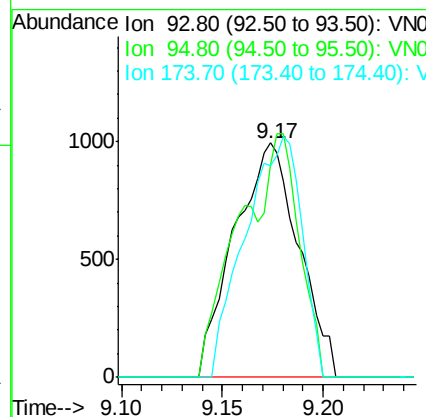
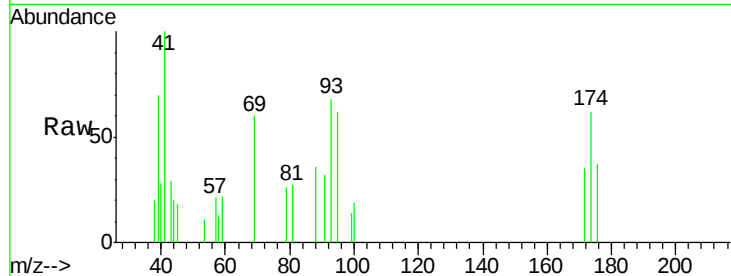
#46
Dibromomethane
Concen: 1.070 ug/l
RT: 9.17 min Scan# 2312
Delta R.T. 0.00 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 93 Resp: 2200
Ion Ratio Lower Upper
93 100
95 55.1 64.4 96.6#
174 91.2 71.4 107.0

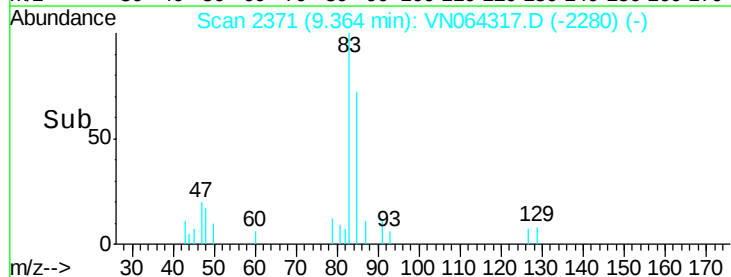
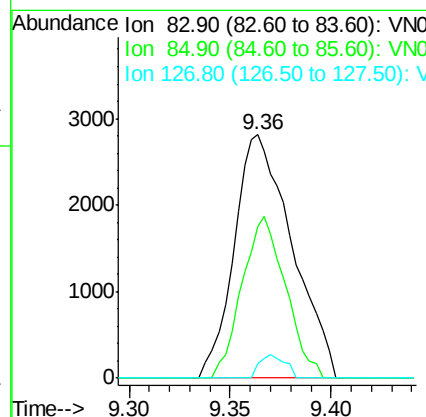
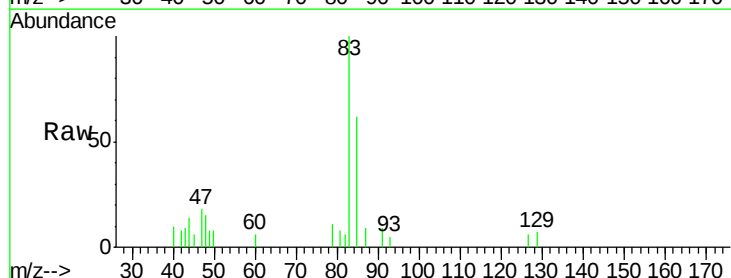
Manual Integrations
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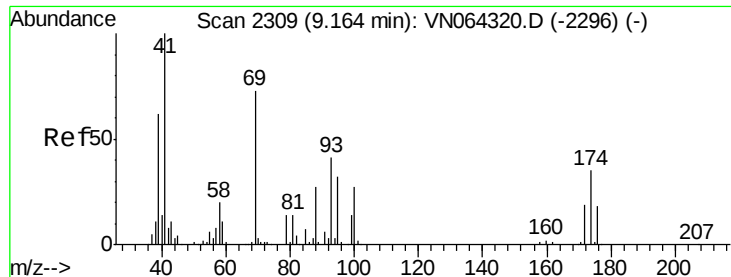
MMDadoda
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#47
Bromodichloromethane
Concen: 1.237 ug/l
RT: 9.36 min Scan# 2371
Delta R.T. -0.01 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Tgt Ion: 83 Resp: 5603
Ion Ratio Lower Upper
83 100
85 62.1 52.1 78.1
127 5.7 6.7 10.1#





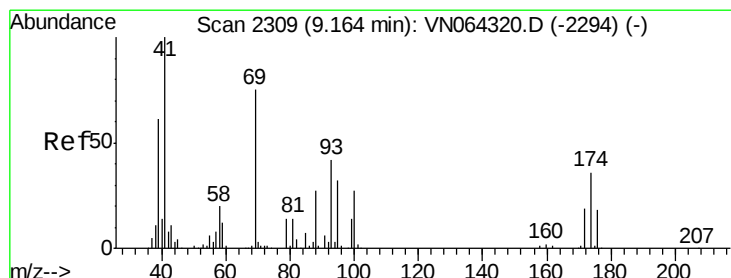
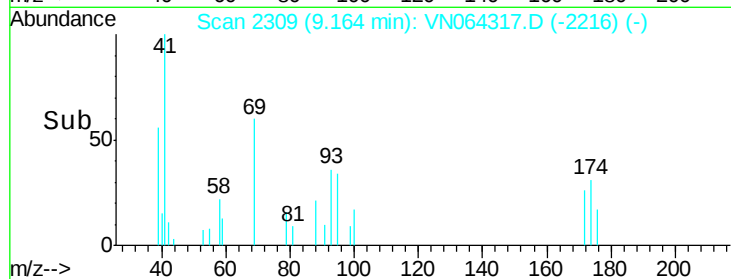
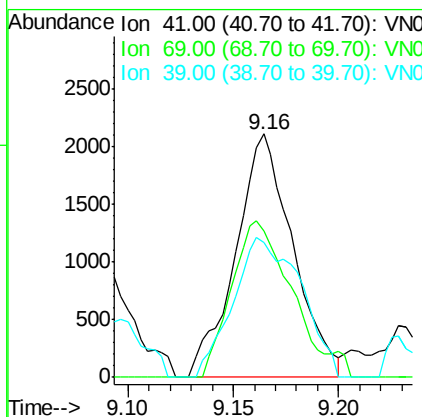
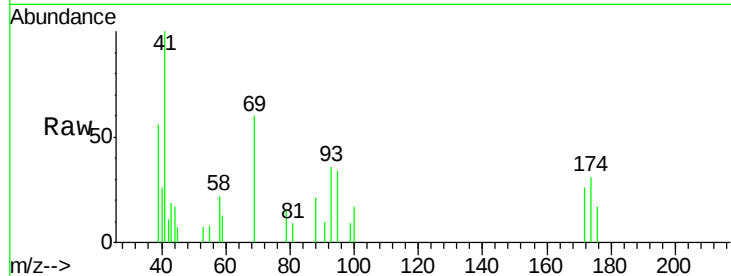
#48
Methvl methacrylate
Concen: 1.088 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	68.3	59.1	88.7
39	67.9	51.3	76.9

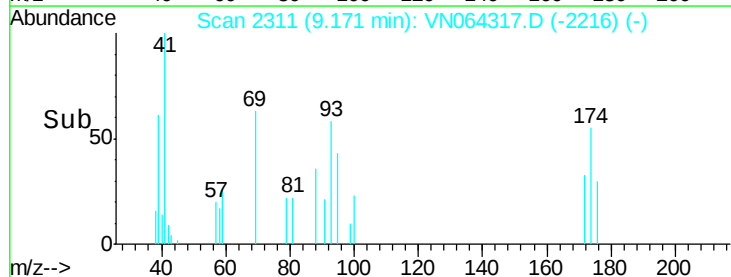
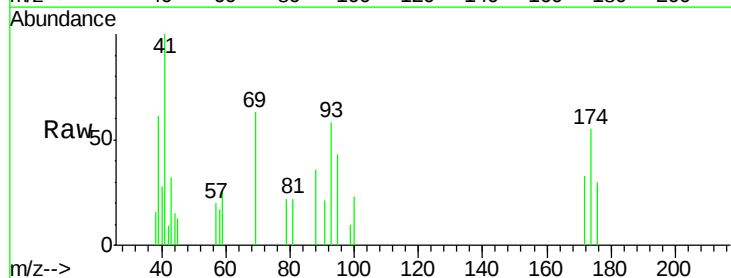
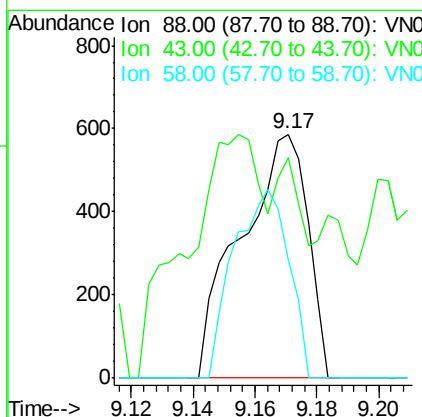
Manual Integrations
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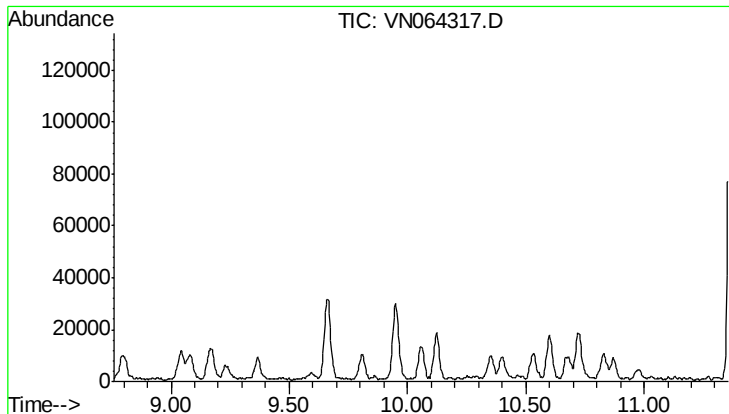
MMDadoda
10/28/2020 12:35:16 PM



#49
1,4-Dioxane
Concen: 19.508 ug/l
RT: 9.17 min Scan# 2311
Delta R.T. 0.01 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Tgt Ion	Ratio	Lower	Upper
88	100		
43	115.9	31.8	47.8#
58	63.6	60.3	90.5





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.06 min

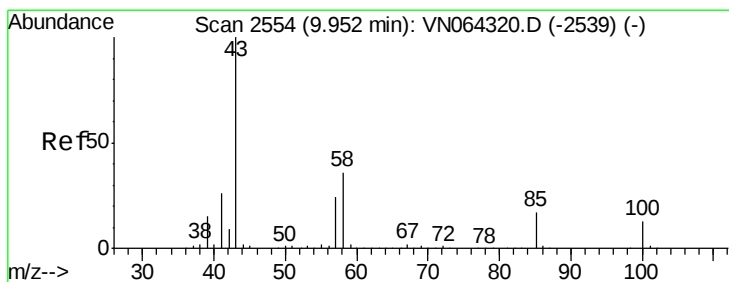
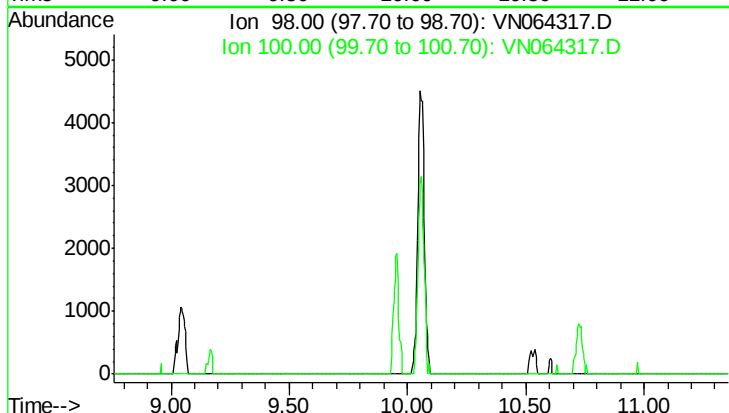
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

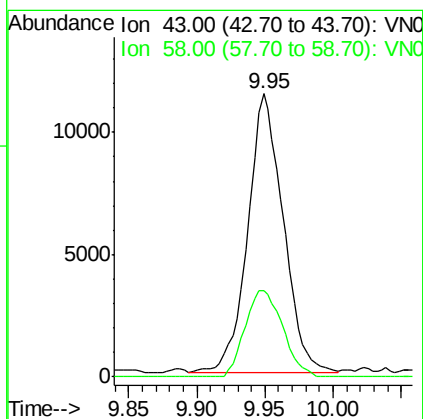
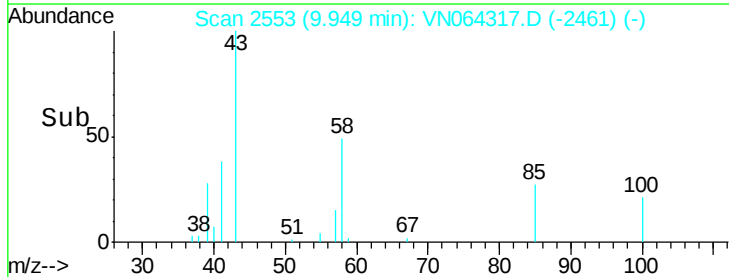
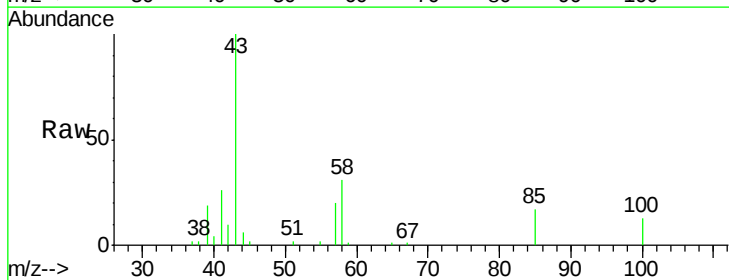
MMDadoda
10/28/2020 12:35:16 PM

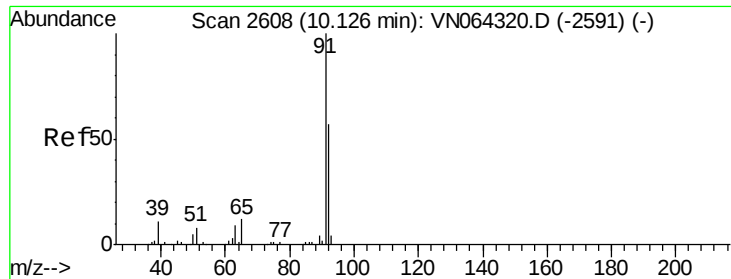
Tot Ion: 98
Sig Exp Ratio
98 100
100 63.6



#51
4-Methyl-2-Pentanone
Concen: 5.373 ug/l
RT: 9.95 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Tgt Ion: 43 Resp: 20488
Ion Ratio Lower Upper
43 100
58 32.8 28.6 42.8





#52

Toluene

Concen: 1.052 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 7659

Ion Ratio Lower Upper

92 100

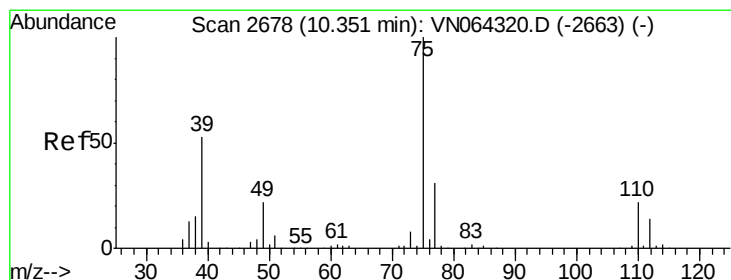
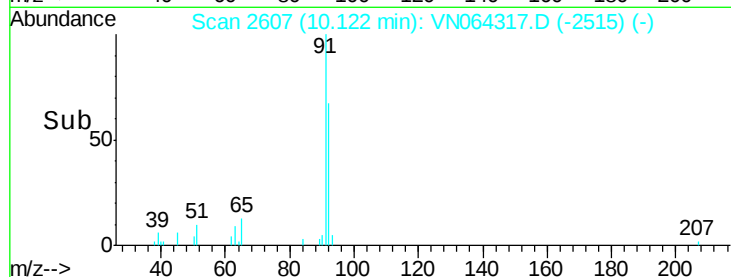
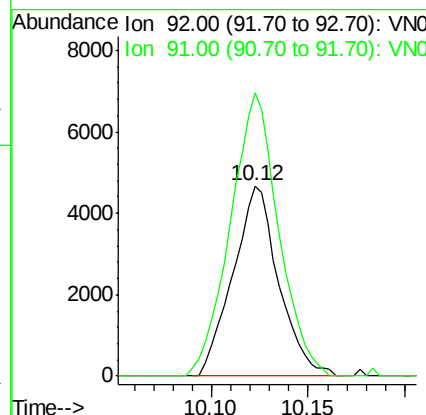
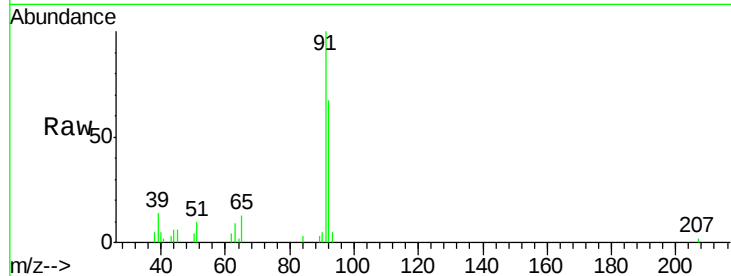
91 157.1 139.9 209.9

Manual Integrations

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#53

t-1,3-Dichloropropene

Concen: 0.989 ug/l

RT: 10.36 min Scan# 2680

Delta R.T. 0.01 min

Lab File: VN064317.D

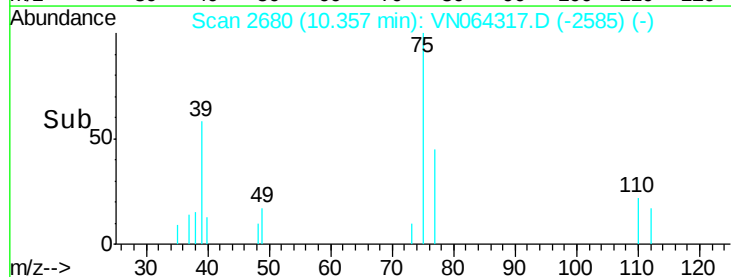
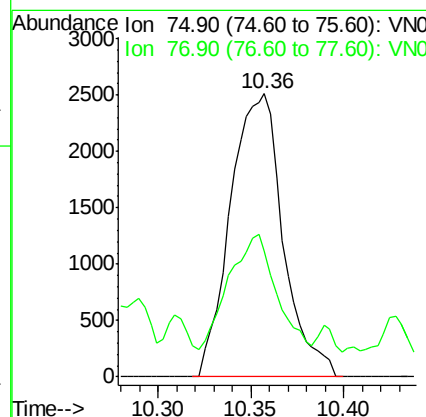
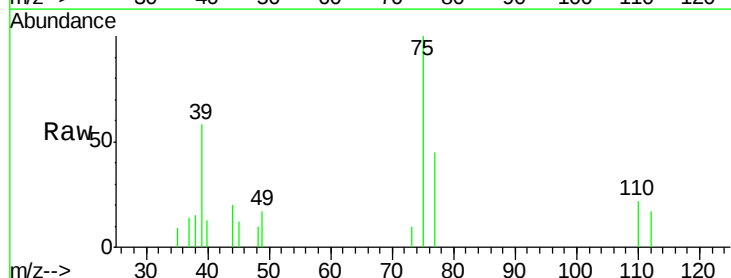
Acq: 27 Oct 2020 9:56

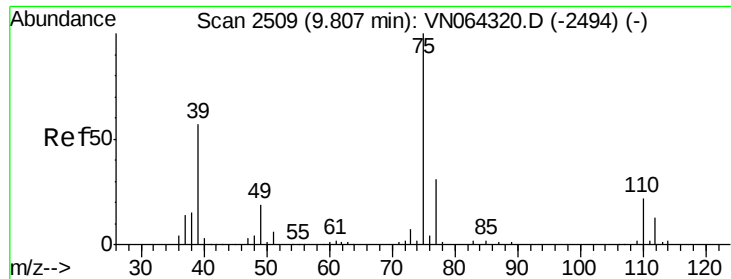
Tgt Ion: 75 Resp: 4952

Ion Ratio Lower Upper

75 100

77 36.1 24.8 37.2





#54

cis-1,3-Dichloropropene

Concen: 0.978 ug/l

RT: 9.80 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 75 Resp: 5174

Ion Ratio Lower Upper

75 100

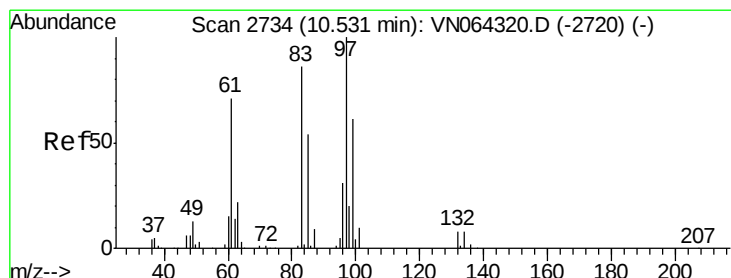
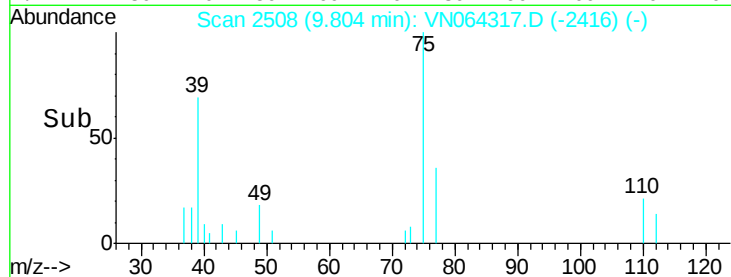
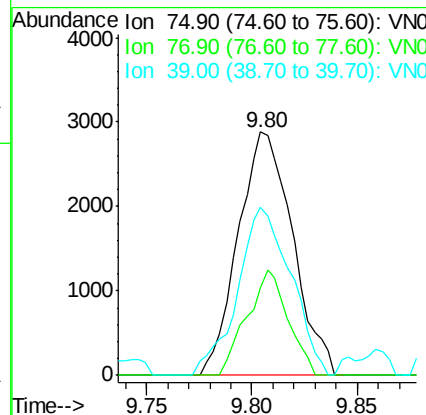
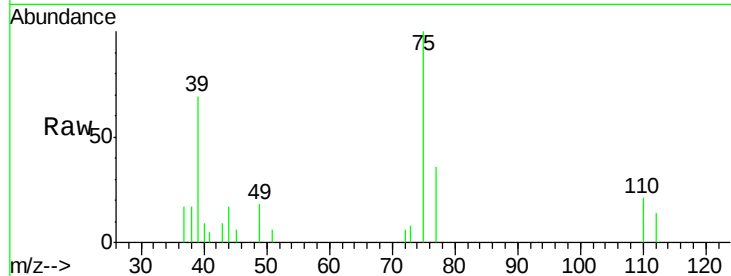
77 35.9 25.0 37.4

39 68.8 45.5 68.3#

Manual Integrations
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#55

1,1,2-Trichloroethane

Concen: 1.095 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Tgt Ion: 97 Resp: 3024

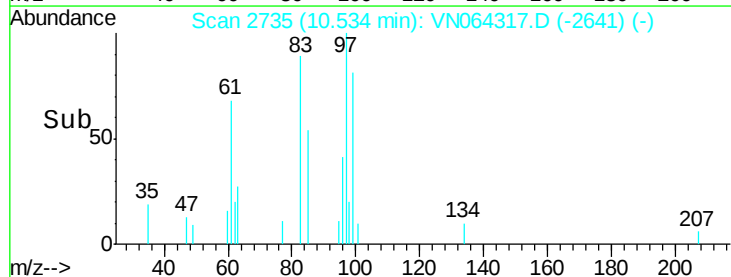
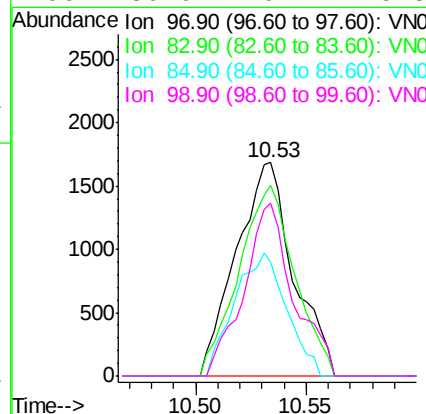
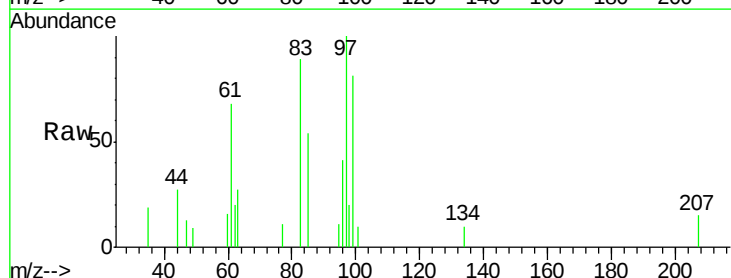
Ion Ratio Lower Upper

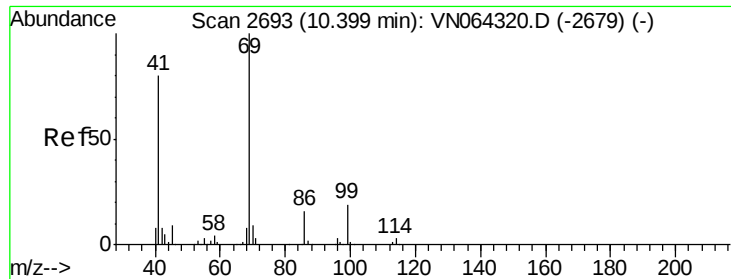
97 100

83 89.2 68.9 103.3

85 53.6 43.6 65.4

99 80.9 49.2 73.8#





#56

Ethyl methacrylate

Concen: 0.925 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

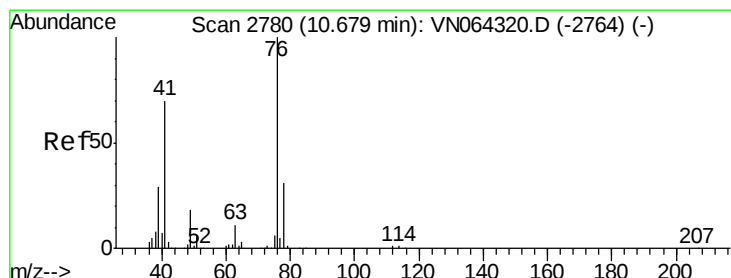
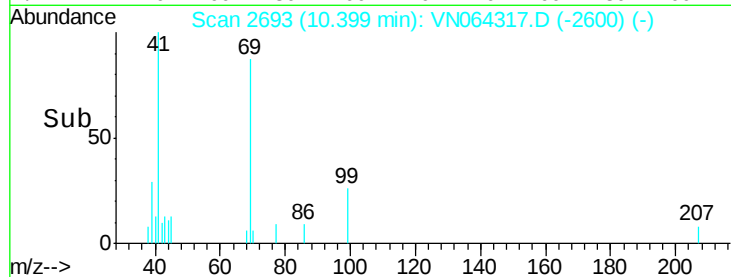
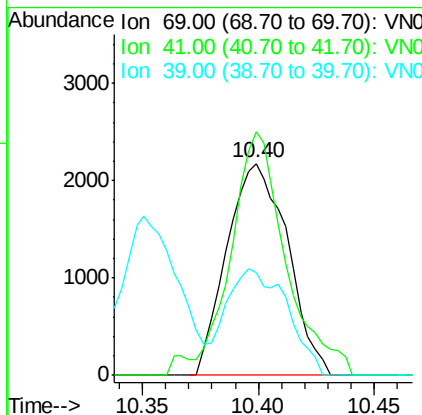
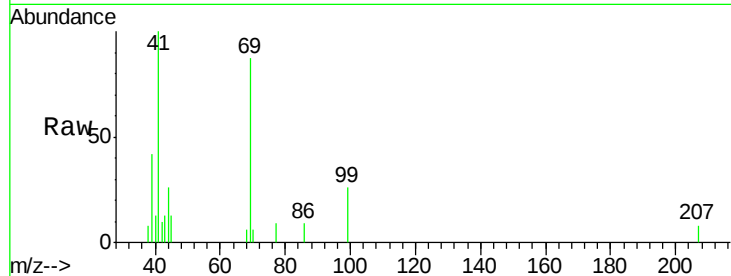
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	3954
Ion Ratio	Lower	Upper	
69	100		
41	103.4	61.4	92.2#
39	51.3	36.5	54.7

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 0.982 ug/l

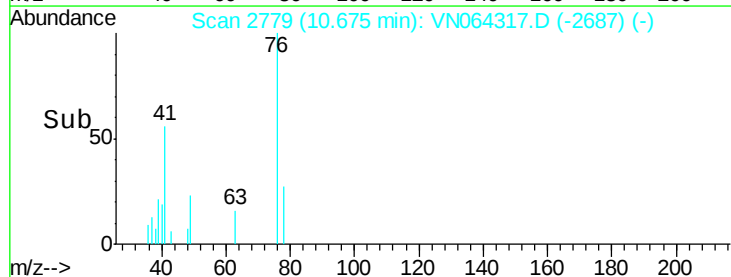
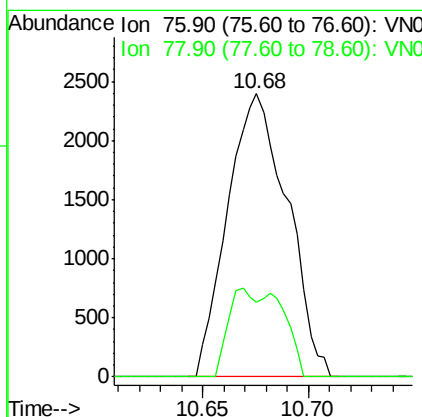
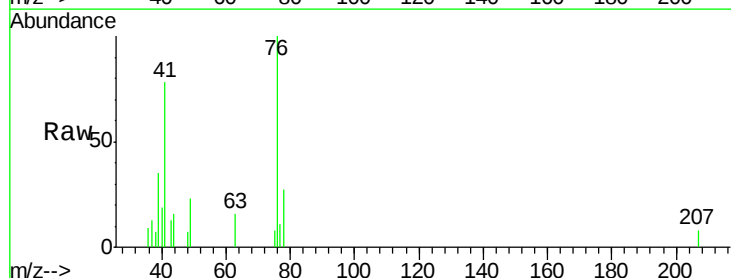
RT: 10.68 min Scan# 2779

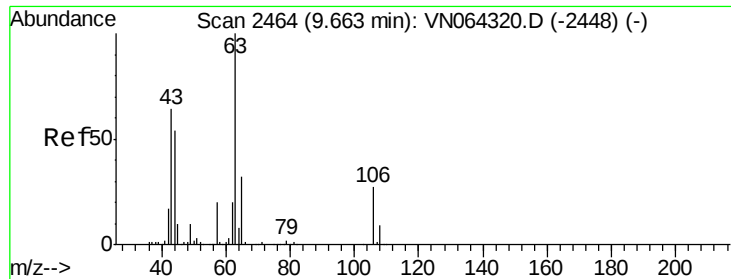
Delta R.T. -0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Tgt Ion:	76	Resp:	4716
Ion Ratio	Lower	Upper	
76	100		
78	14.7	25.8	38.6#





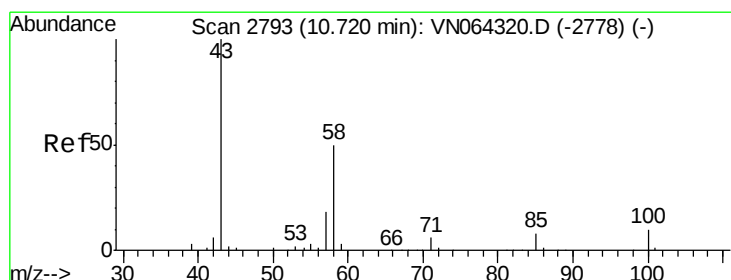
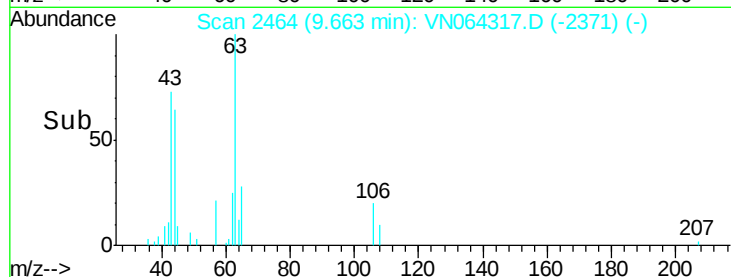
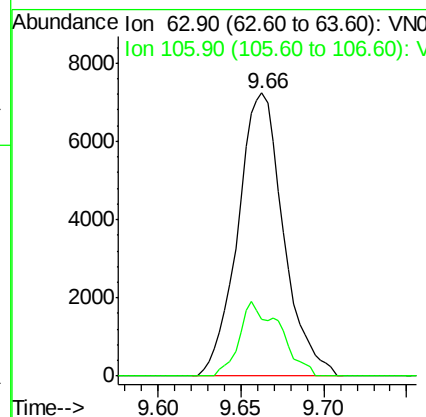
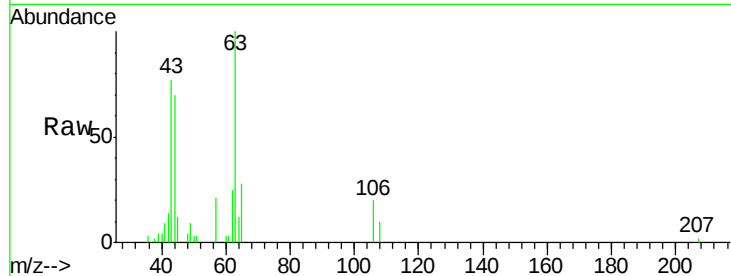
#58
2-Chloroethyl Vinyl ether
Concen: 6.302 ug/l
RT: 9.66 min Scan# 2464
Delta R.T. 0.00 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 63 Resp: 13824
Ion Ratio Lower Upper
63 100
106 23.6 21.0 31.4

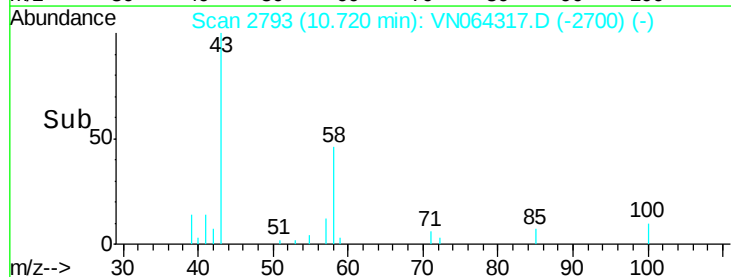
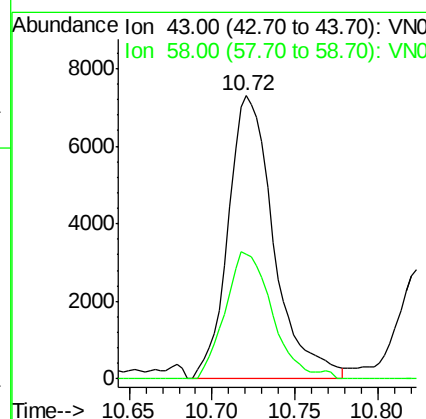
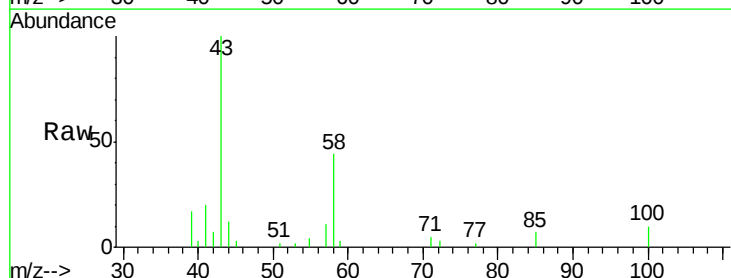
Manual Integrations
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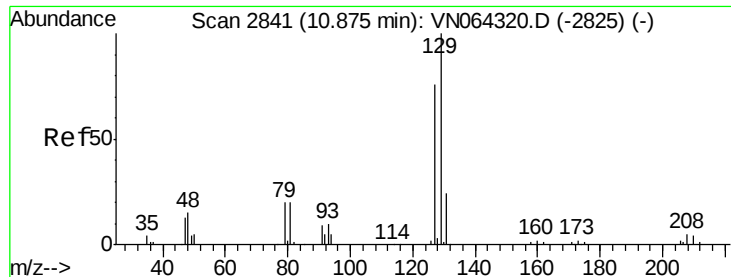
MMDadoda
10/28/2020 12:35:16 PM



#59
2-Hexanone
Concen: 5.016 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Tgt Ion: 43 Resp: 14015
Ion Ratio Lower Upper
43 100
58 45.5 25.0 75.0





#60

Dibromochloromethane

Concen: 0.889 ug/l

RT: 10.87 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 3175

Ion Ratio Lower Upper

129 100

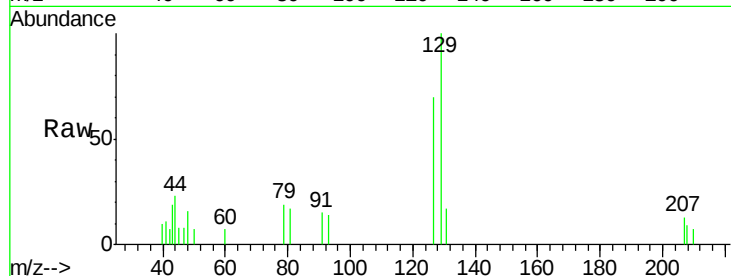
127 83.7 38.5 115.3

Manual Integrations

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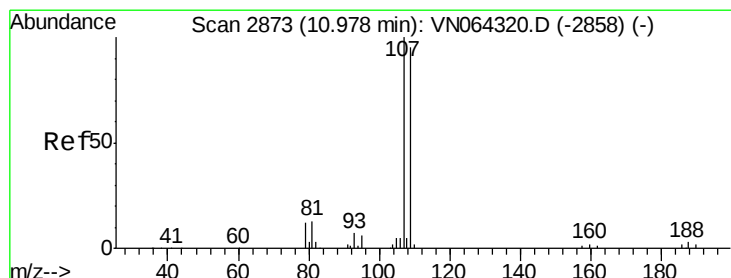
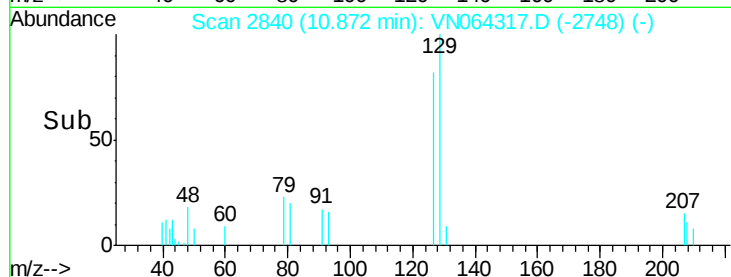
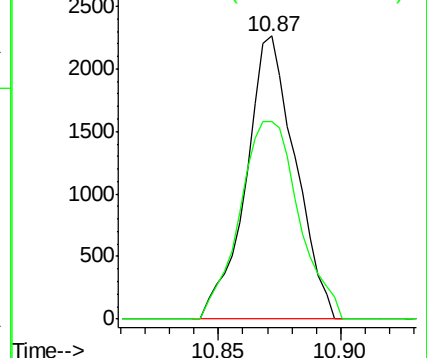
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 0.825 ug/l

RT: 10.97 min Scan# 2871

Delta R.T. -0.01 min

Lab File: VN064317.D

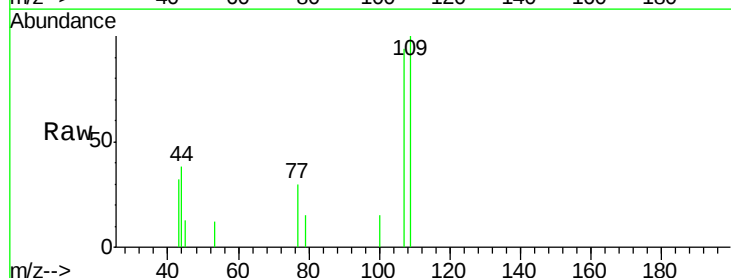
Acq: 27 Oct 2020 9:56

Tgt Ion:107 Resp: 2411

Ion Ratio Lower Upper

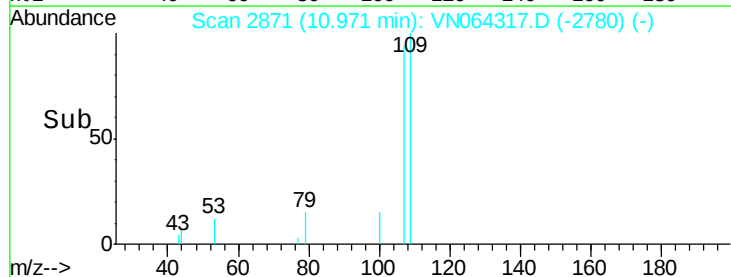
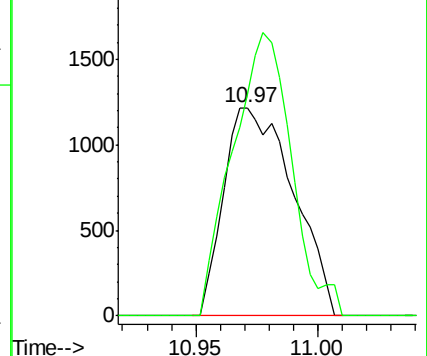
107 100

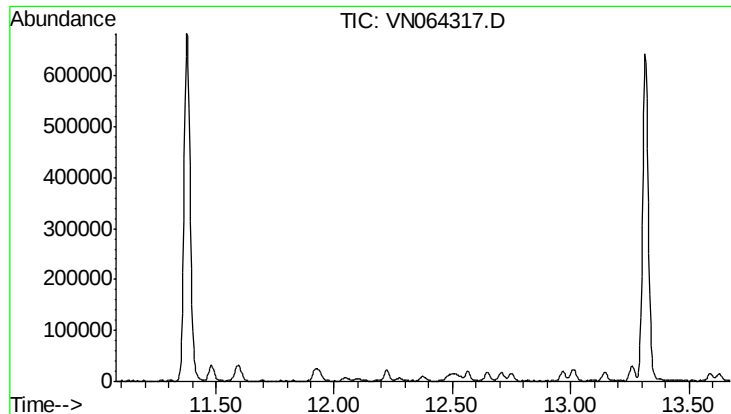
109 115.1 75.8 113.8#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.38 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Tot Ion: 95

Sig Exp Ratio

95 100

174 73.7

176 71.8

Instrument :

MSVOA_N

ClientSampleId :

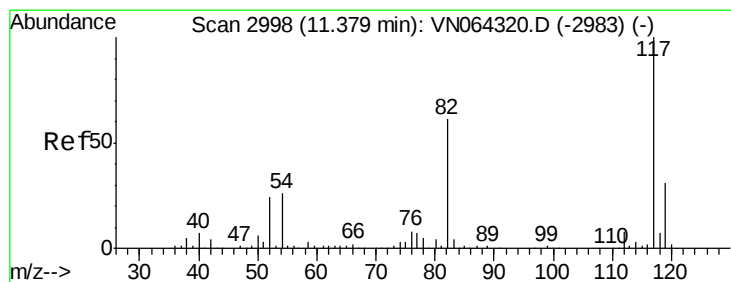
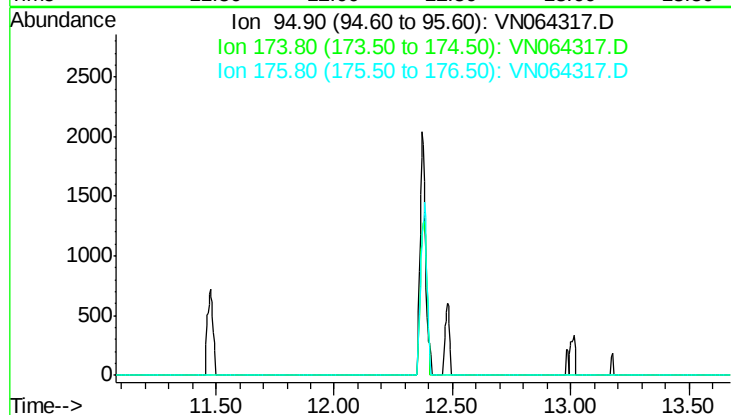
VSTDIC001

Manual Integrations

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2997

Delta R.T. -0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

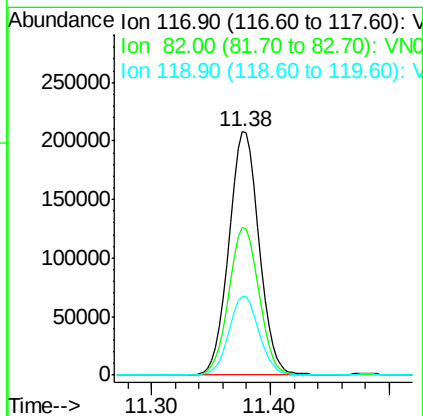
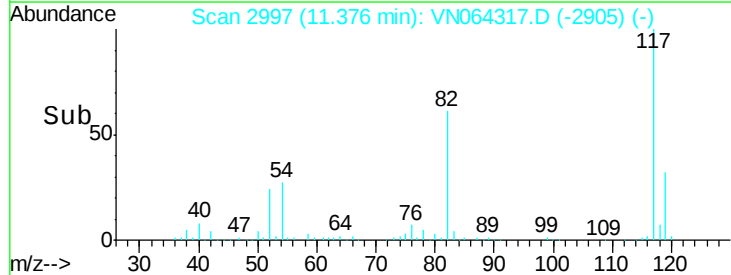
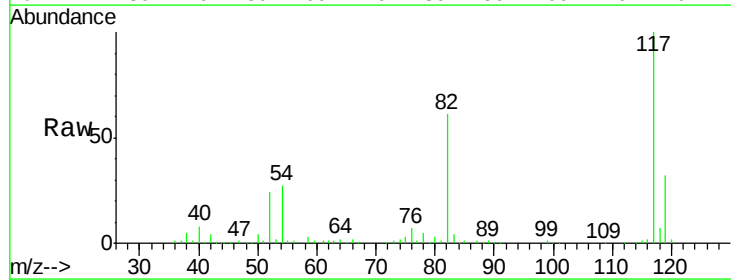
Tgt Ion: 117 Resp: 366121

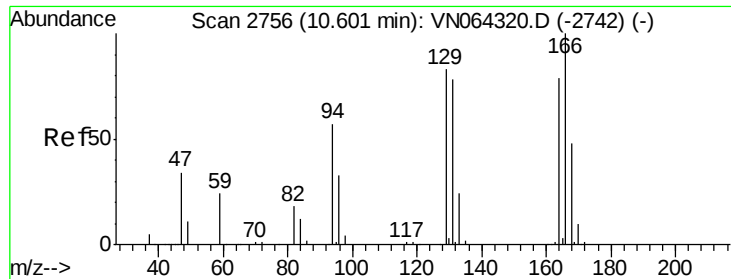
Ion Ratio Lower Upper

117 100

82 60.8 48.8 73.2

119 32.5 25.1 37.7





#64

Tetrachloroethene

Concen: 1.120 ug/l

RT: 10.60 min Scan# 2755

Delta R.T. -0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

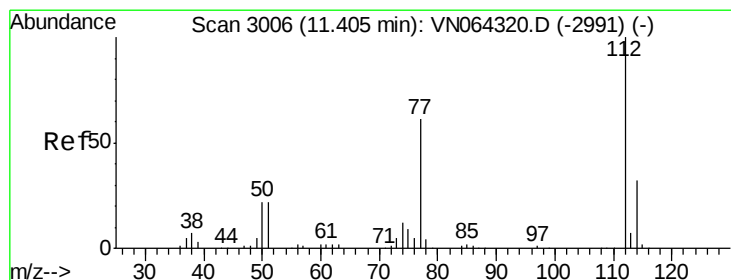
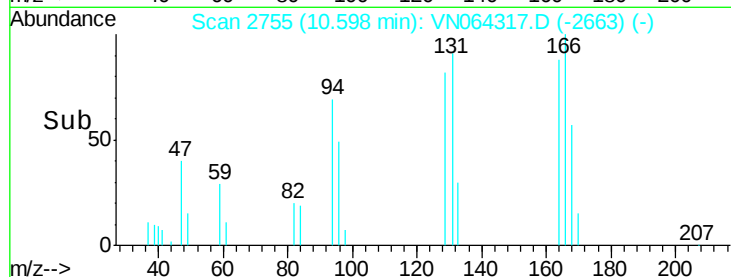
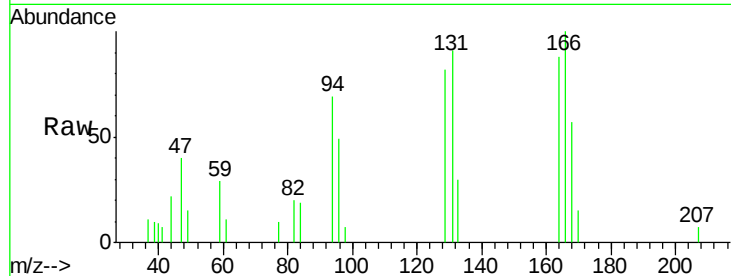
ClientSampleId :

VSTDIC001

Tot Ion:	164	Resp:	3311
Ion	Ratio	Lower	Upper
164	100		
166	113.2	100.7	151.1
129	92.5	83.7	125.5
131	103.6	78.2	117.2

Manual Integrations
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#65

Chlorobenzene

Concen: 0.967 ug/l

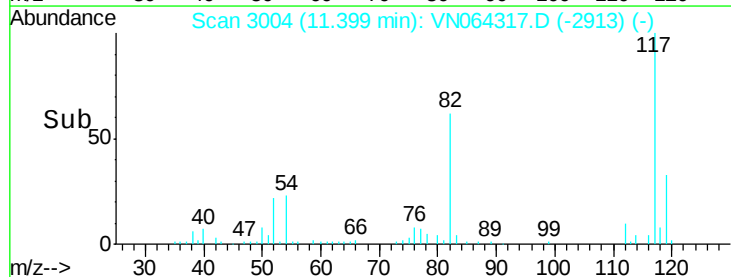
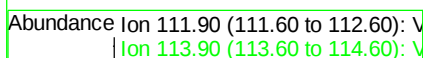
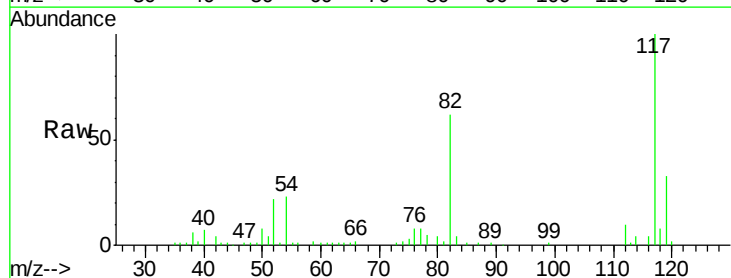
RT: 11.40 min Scan# 3004

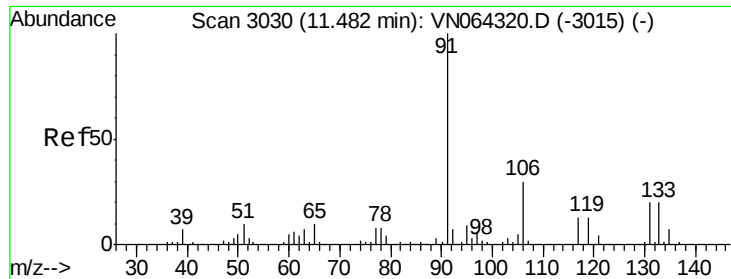
Delta R.T. -0.01 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Tgt Ion:	112	Resp:	7298
Ion	Ratio	Lower	Upper
112	100		
114	37.3	25.4	38.0





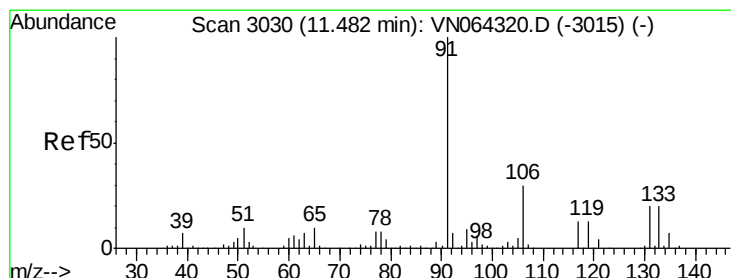
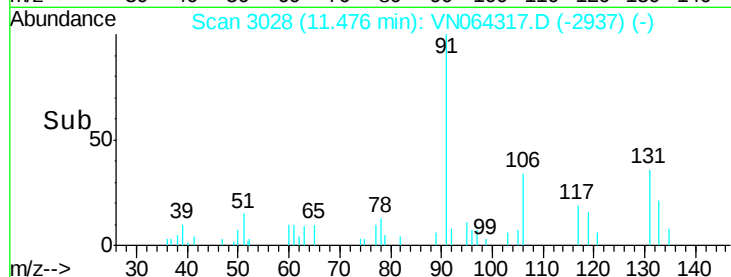
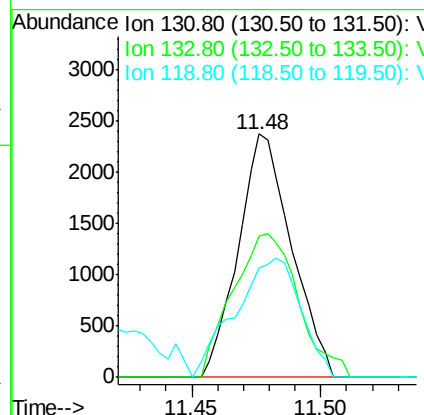
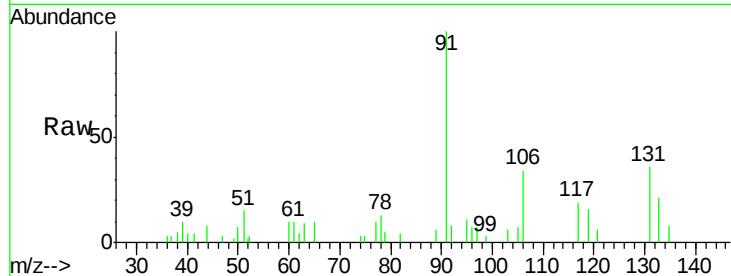
#66
 1,1,1,2-Tetrachloroethane
 Concen: 1.135 ug/l
 RT: 11.48 min Scan# 3028
 Delta R.T. -0.01 min
 Lab File: VN064317.D
 Acq: 27 Oct 2020 9:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	72.9	49.3	147.8
119	0.0	32.3	96.9#

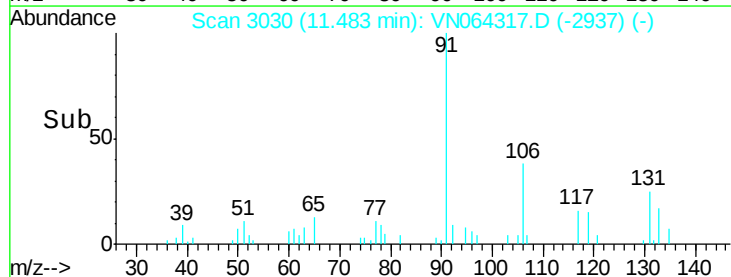
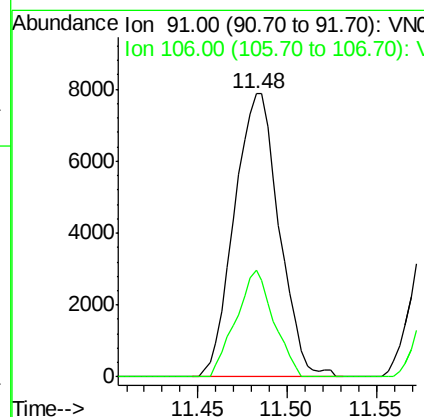
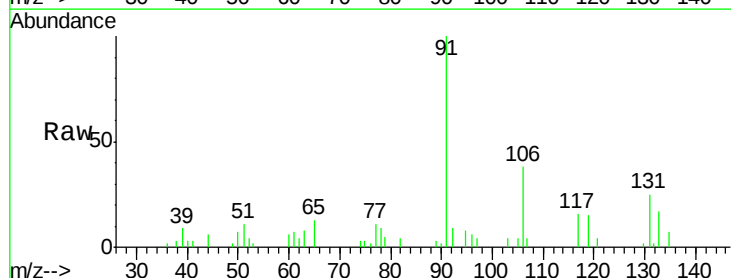
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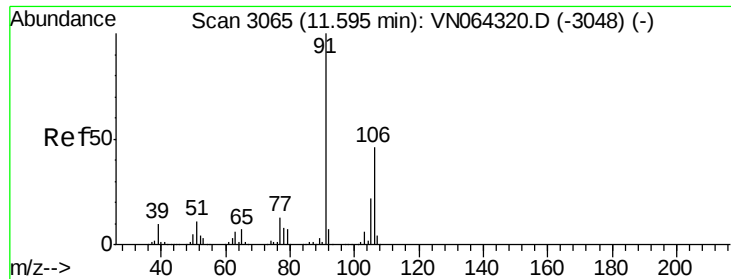
MMDadoda
 10/28/2020 12:35:16 PM



#67
 Ethyl Benzene
 Concen: 0.994 ug/l
 RT: 11.48 min Scan# 3030
 Delta R.T. 0.00 min
 Lab File: VN064317.D
 Acq: 27 Oct 2020 9:56

Tgt Ion	Ratio	Lower	Upper
91	100		
106	37.7	23.7	35.5#





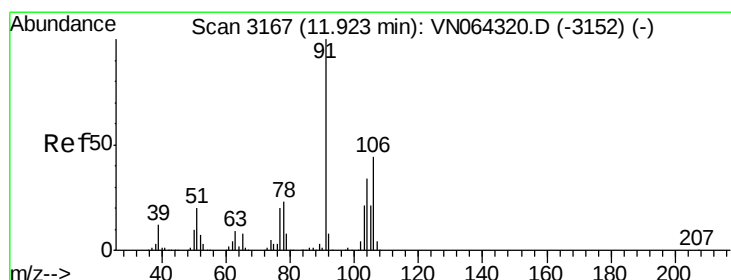
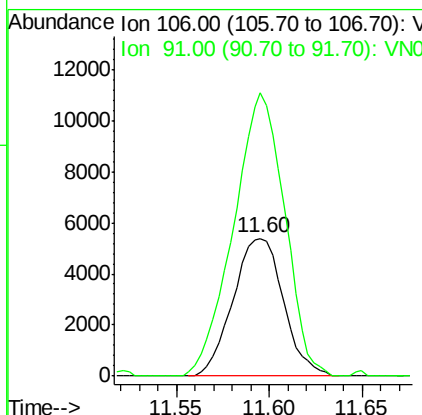
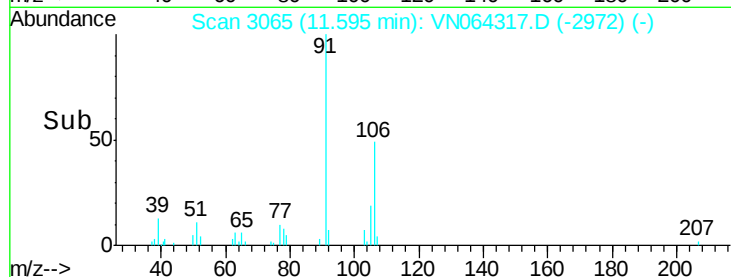
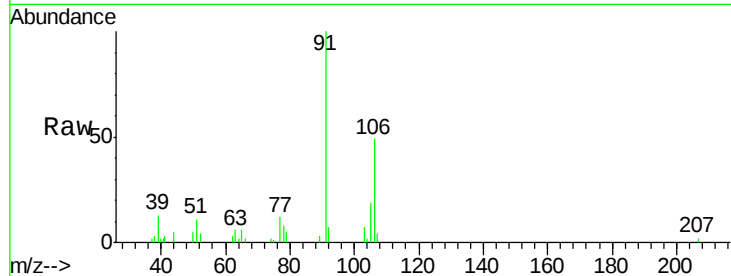
#68
m/p-Xylenes
Concen: 1.972 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	208.7	170.2	255.4		

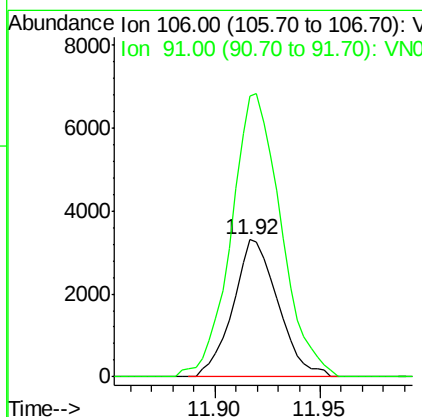
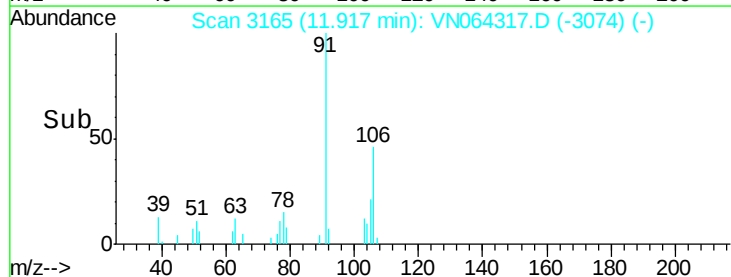
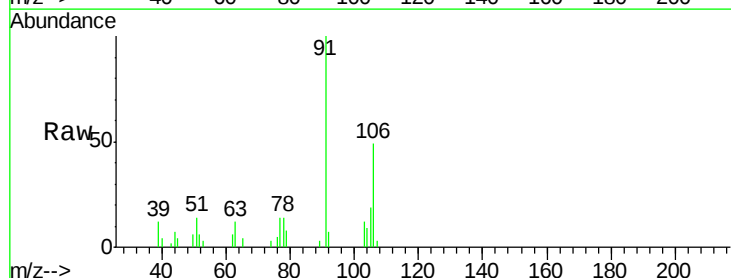
Manual Integrations
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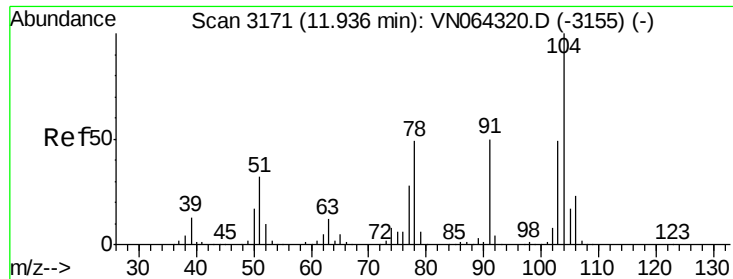
MMDadoda
10/28/2020 12:35:16 PM



#69
o-Xylene
Concen: 0.992 ug/l
RT: 11.92 min Scan# 3165
Delta R.T. -0.01 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	227.1	114.5	343.5		





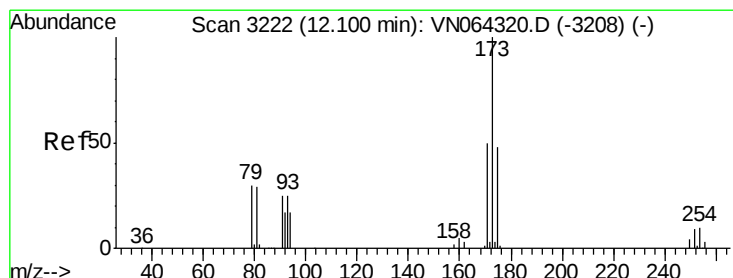
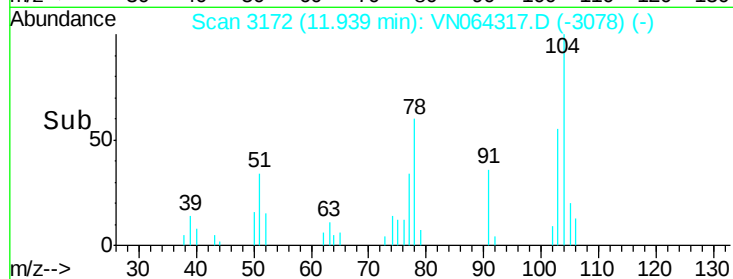
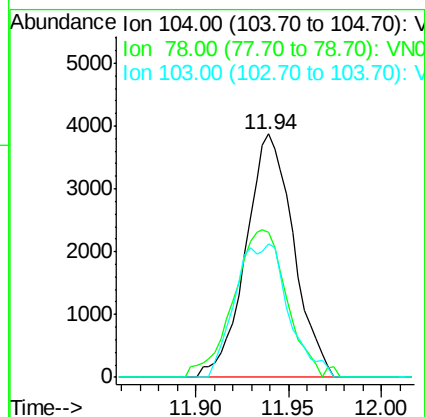
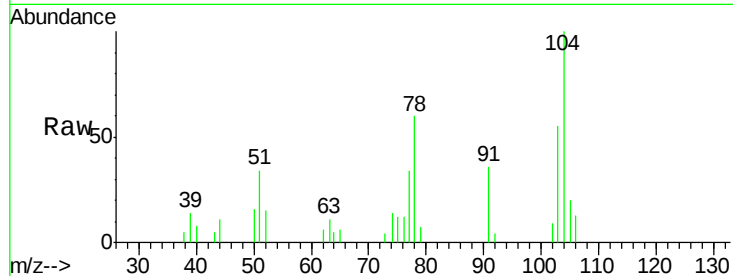
#70
Stvrene
Concen: 0.829 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	67.3	43.7	65.5#
103	61.2	43.3	64.9

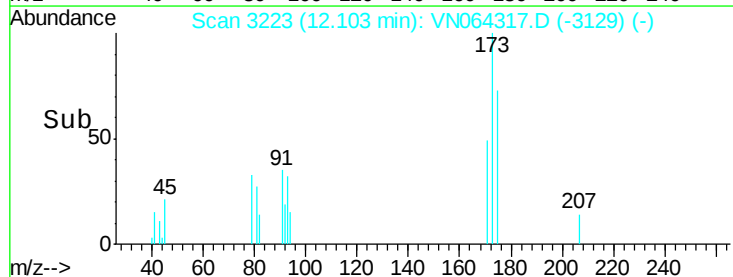
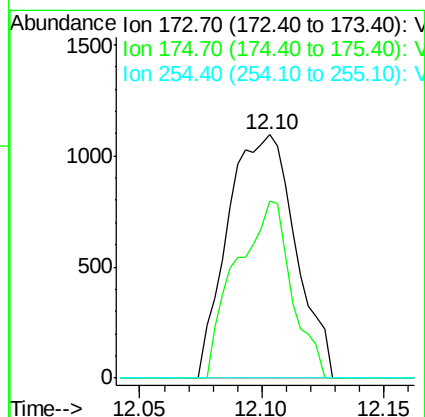
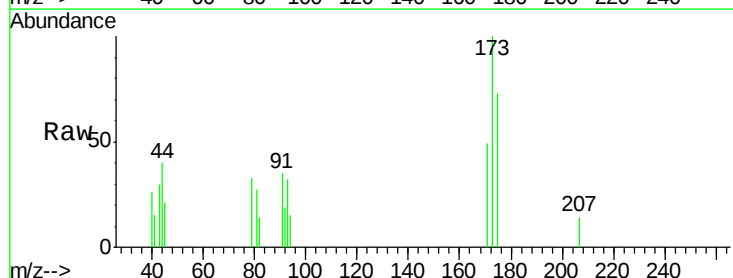
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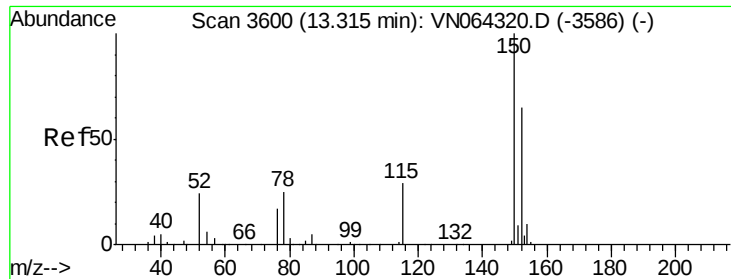
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#71
Bromoform
Concen: 0.908 ug/l
RT: 12.10 min Scan# 3223
Delta R.T. 0.00 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Tgt Ion	Ratio	Lower	Upper
173	100		
175	59.7	25.4	76.0
254	0.0	0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:152 Resp: 161250

Ion Ratio Lower Upper

152 100

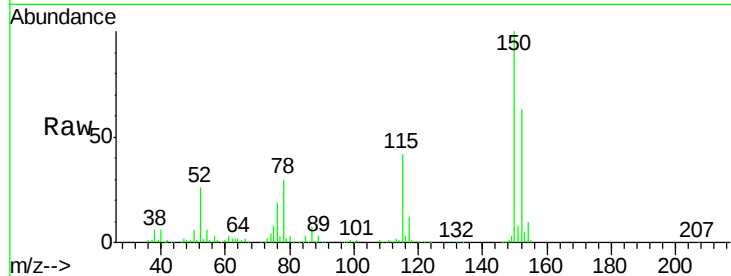
115 63.1 31.5 94.5

150 157.4 0.0 346.2

Manual Integrations
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MMDadoda

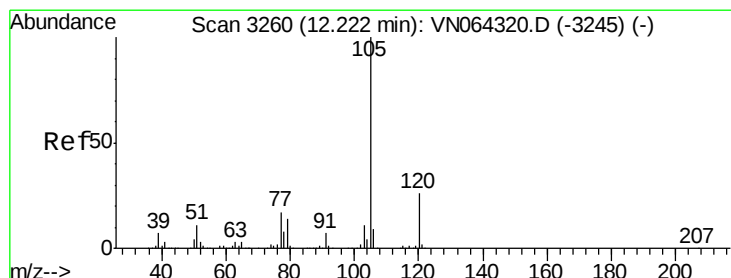
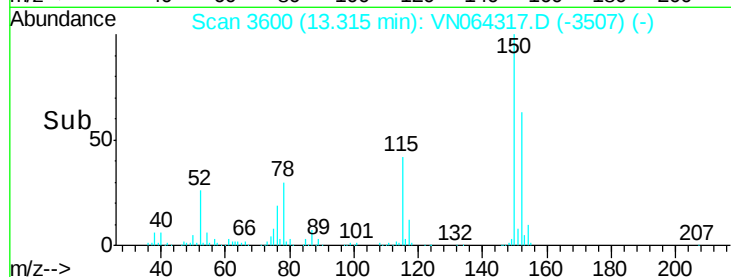
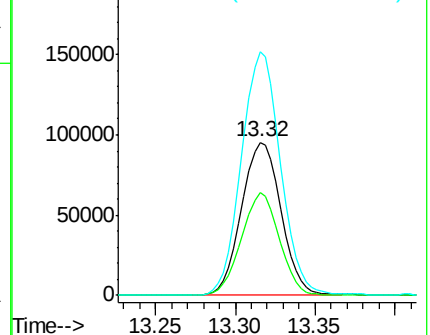
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.054 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064317.D

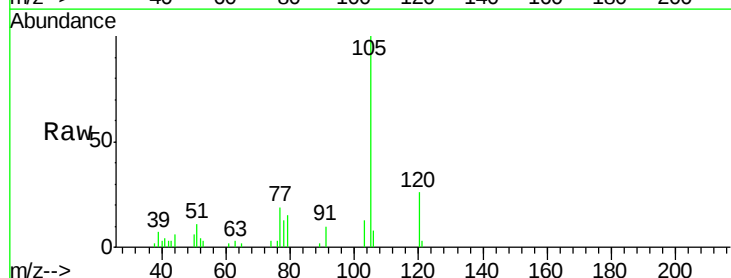
Acq: 27 Oct 2020 9:56

Tgt Ion:105 Resp: 12888

Ion Ratio Lower Upper

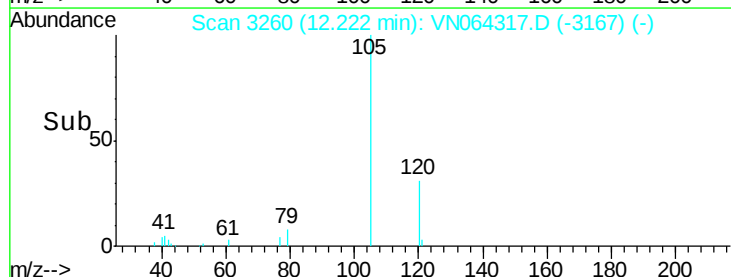
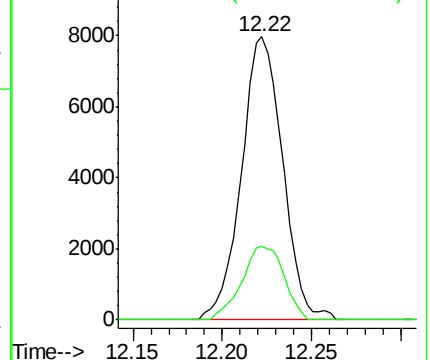
105 100

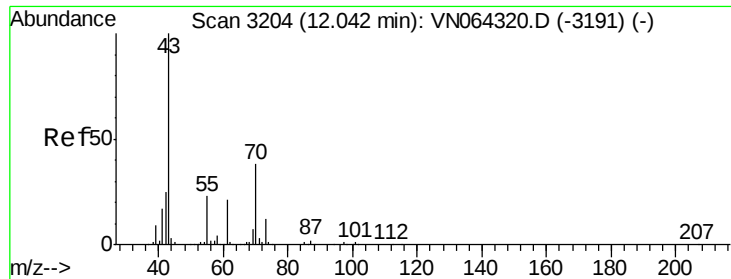
120 26.6 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





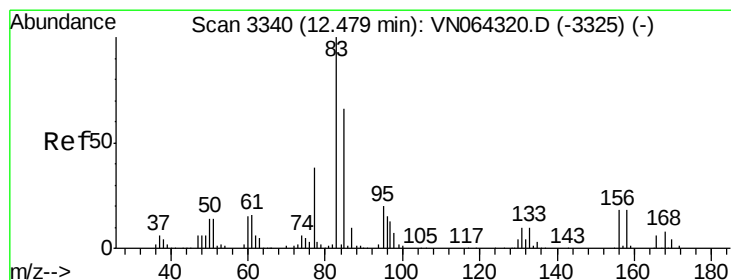
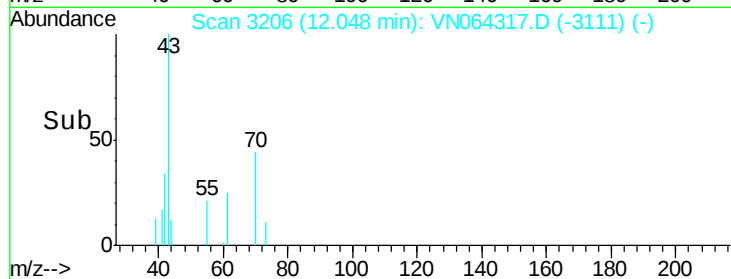
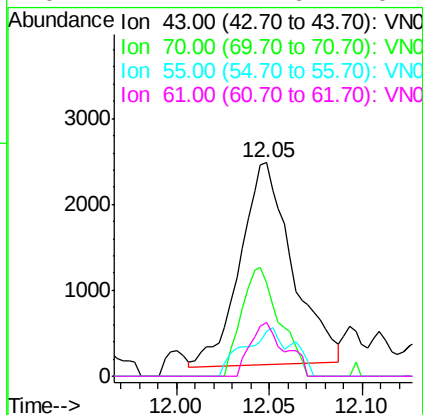
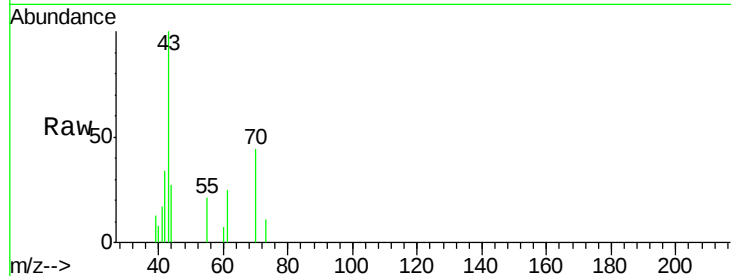
#74
N-amvl acetate
Concen: 0.869 ug/l
RT: 12.05 min Scan# 3206
Delta R.T. 0.01 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ion	Ratio	Lower	Upper
43	43	100		
70	70	38.9	30.6	45.8
55	55	22.0	18.2	27.4
61	61	17.4	17.6	26.4

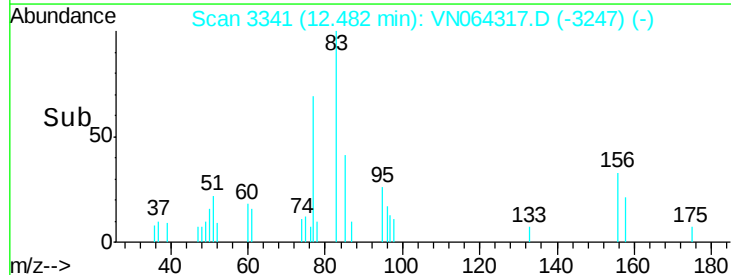
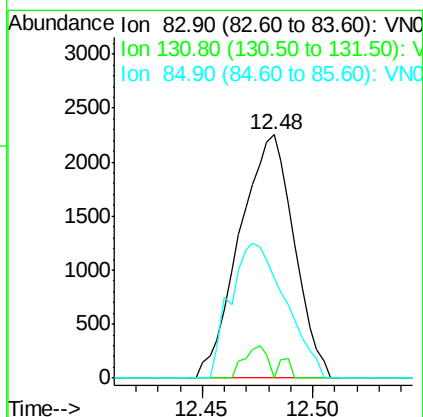
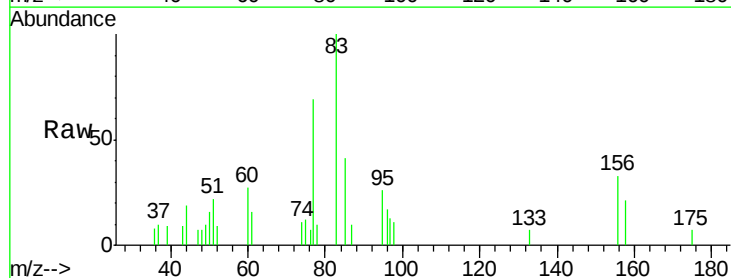
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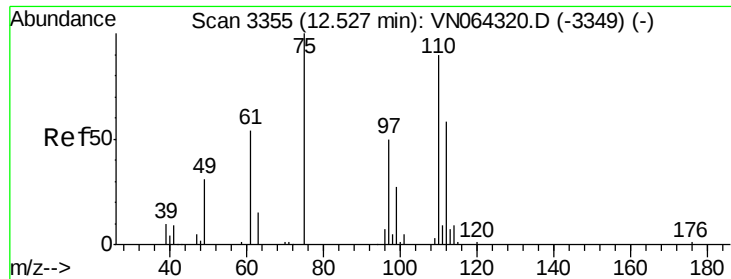
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#75
1,1,2,2-Tetrachloroethane
Concen: 1.176 ug/l
RT: 12.48 min Scan# 3341
Delta R.T. 0.00 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Tgt Ion	Ion	Ratio	Lower	Upper
83	83	100		
131	131	1.7	5.4	16.2
85	85	0.0	33.0	98.9





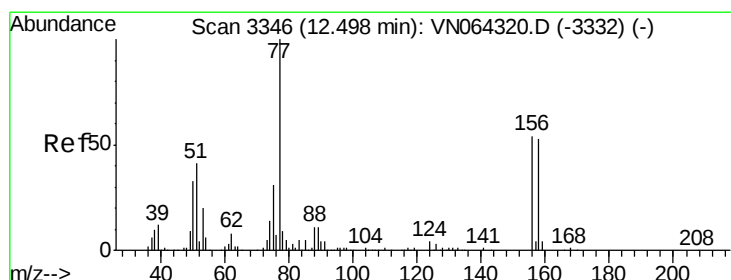
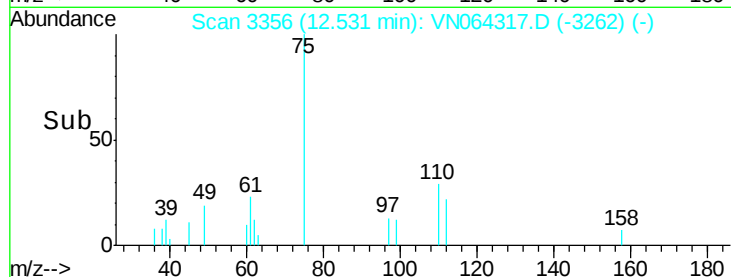
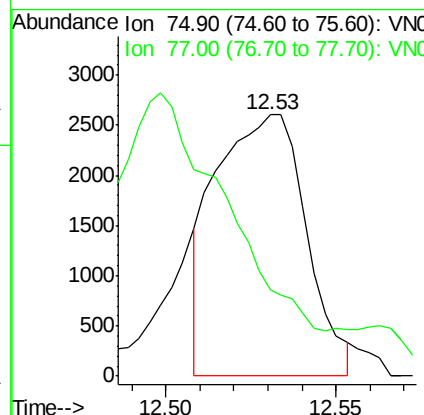
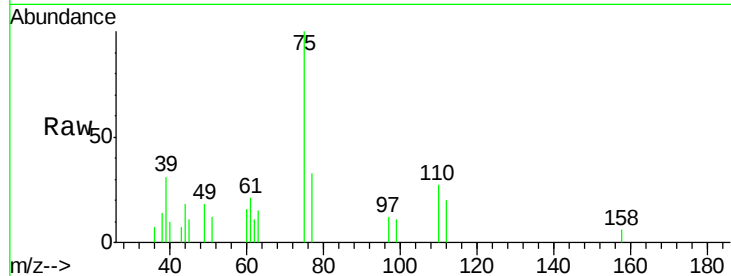
#76
 1,2,3-Trichloropropane
 Concen: 1.369 ug/l m
 RT: 12.53 min Scan# 3356
 Delta R.T. 0.00 min
 Lab File: VN064317.D
 Acq: 27 Oct 2020 9:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion: 75 Resp: 4796
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

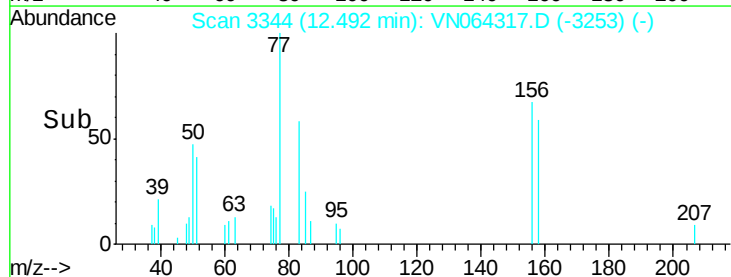
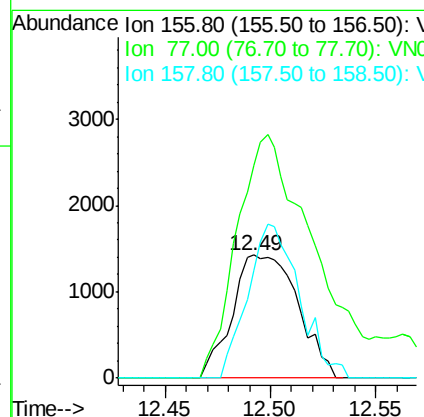
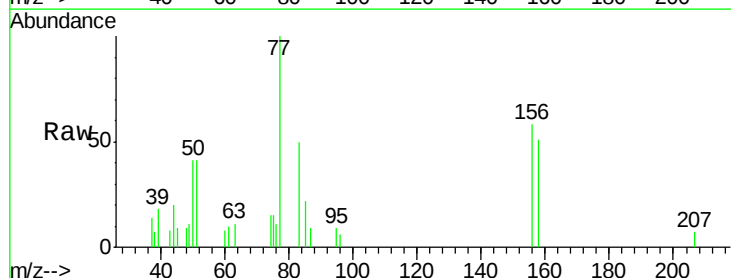
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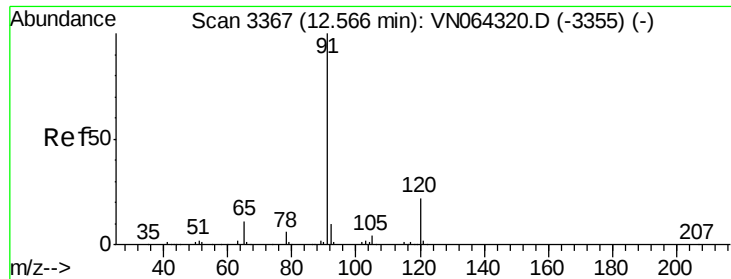
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#77
 Bromobenzene
 Concen: 1.057 ug/l
 RT: 12.49 min Scan# 3344
 Delta R.T. -0.01 min
 Lab File: VN064317.D
 Acq: 27 Oct 2020 9:56

Tgt Ion: 156 Resp: 3075
 Ion Ratio Lower Upper
 156 100
 77 229.6 111.9 335.7
 158 98.5 49.0 147.0





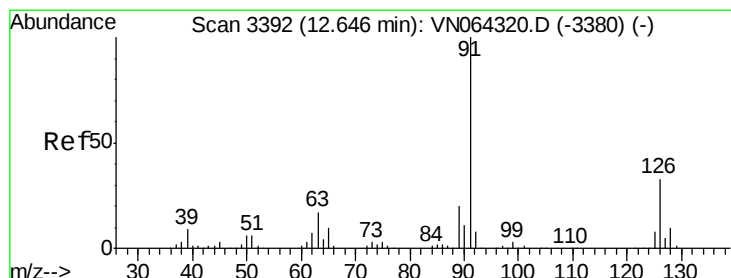
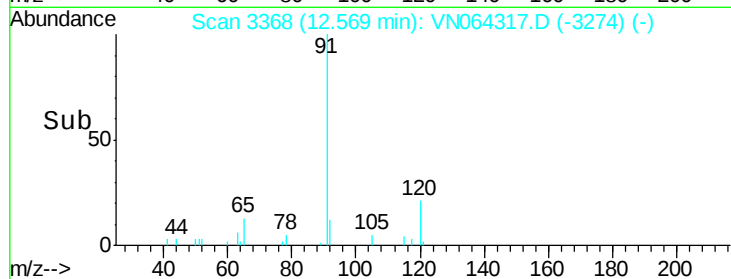
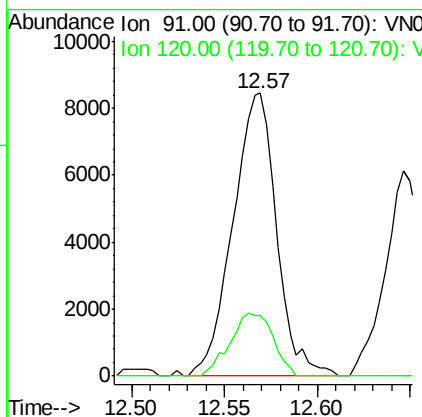
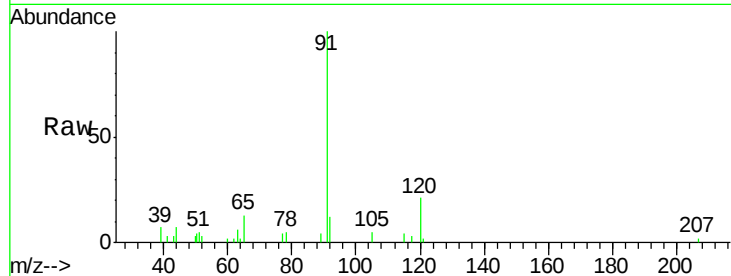
#78
n-propylbenzene
Concen: 0.996 ug/l
RT: 12.57 min Scan# 3368
Delta R.T. 0.00 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 91 Resp: 13782
Ion Ratio Lower Upper
91 100
120 22.0 11.2 33.5

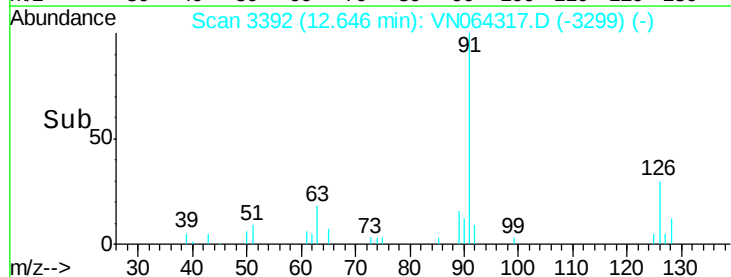
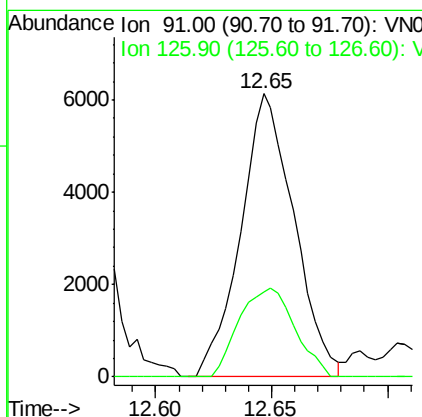
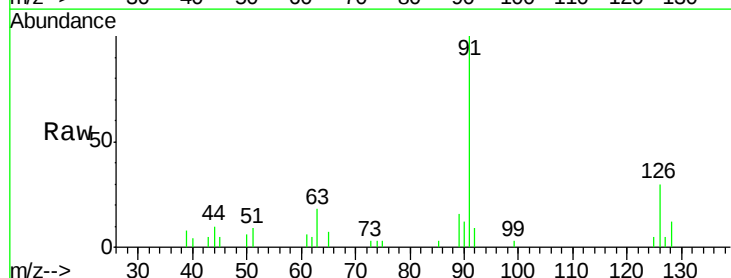
Manual Integrations
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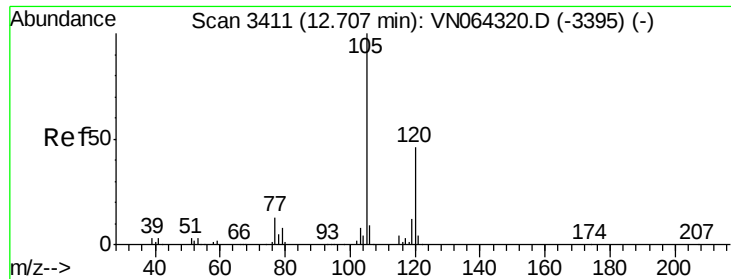
MMDadoda
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#79
2-Chlorotoluene
Concen: 1.156 ug/l
RT: 12.65 min Scan# 3392
Delta R.T. 0.00 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Tgt Ion: 91 Resp: 9826
Ion Ratio Lower Upper
91 100
126 32.7 16.2 48.5





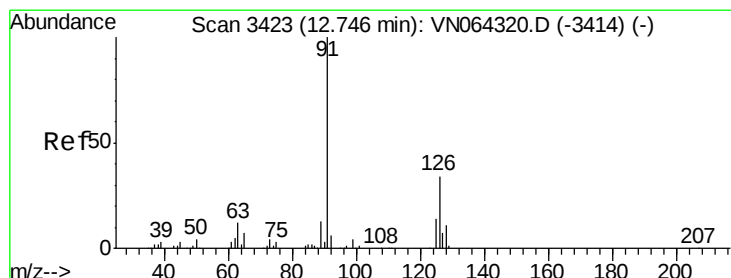
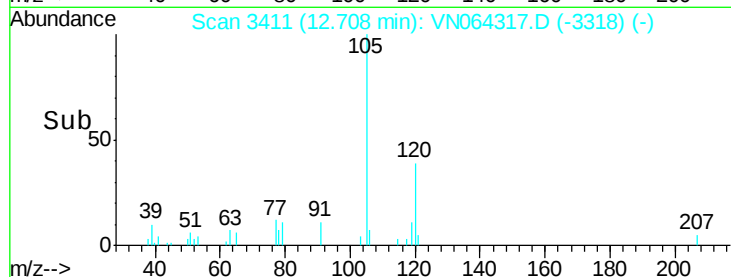
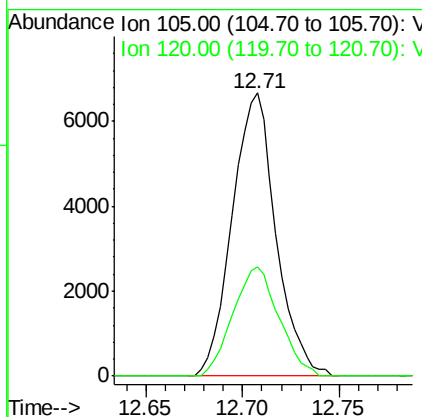
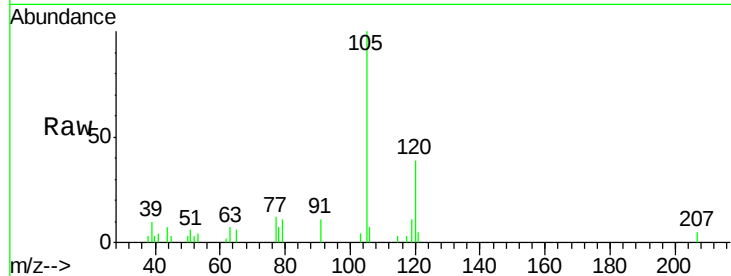
#80
 1,3,5-Trimethylbenzene
 Concen: 1.011 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064317.D
 Acq: 27 Oct 2020 9:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
120	40.5	22.9	68.8

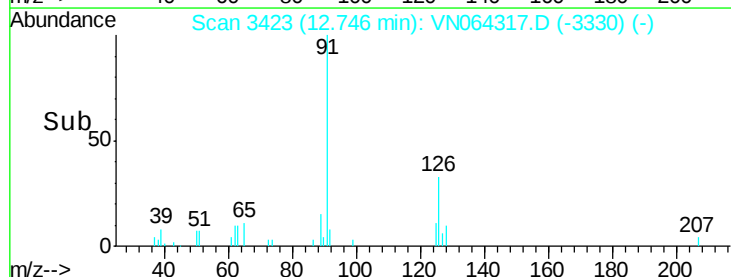
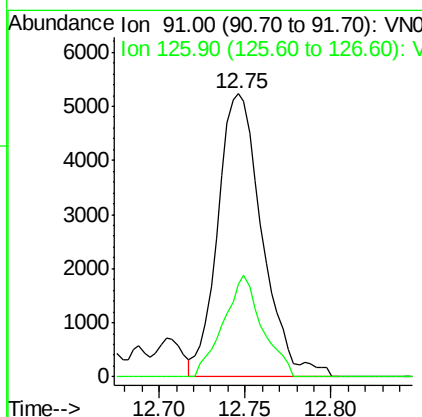
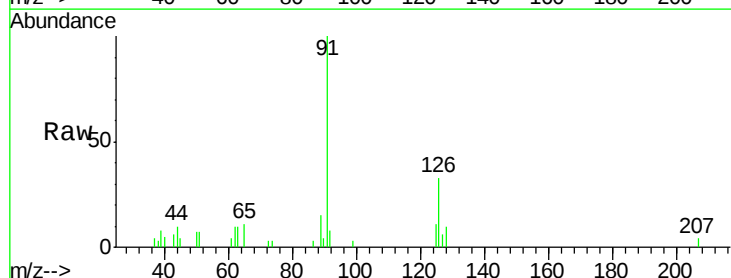
Manual Integrations
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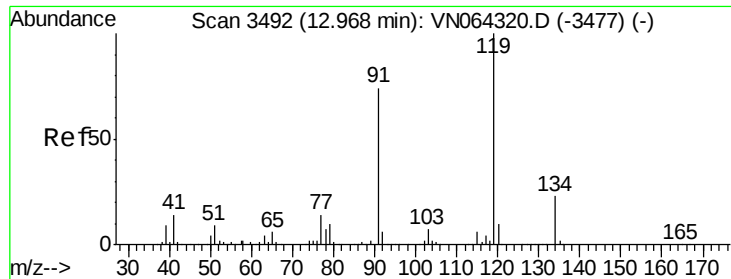
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#82
 4-Chlorotoluene
 Concen: 1.061 ug/l
 RT: 12.75 min Scan# 3423
 Delta R.T. 0.00 min
 Lab File: VN064317.D
 Acq: 27 Oct 2020 9:56

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.8	47.3





#83

tert-Butylbenzene

Concen: 1.039 ug/l

RT: 12.96 min Scan# 3491

Delta R.T. -0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

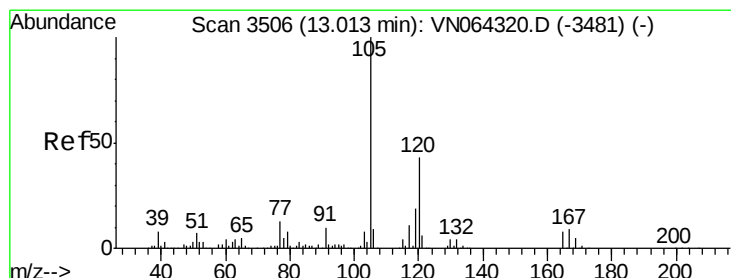
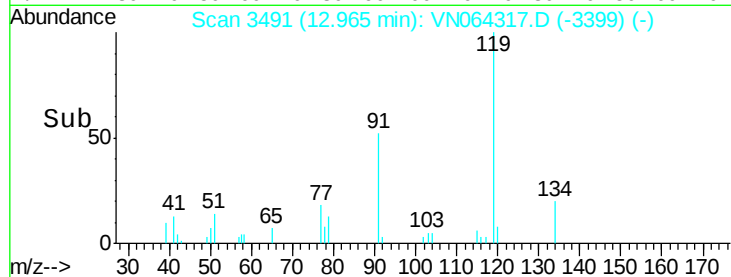
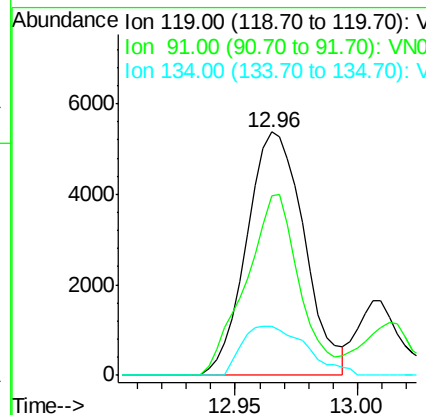
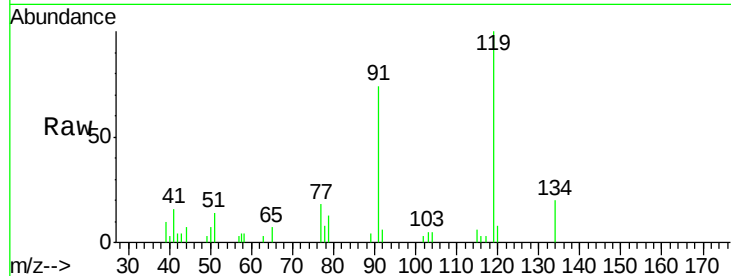
ClientSampleId :

VSTDIC001

Tot Ion:	119	Resp:	8812
Ion Ratio	Lower	Upper	
119	100		
91	68.5	36.4	109.1
134	22.5	12.0	36.1

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 0.967 ug/l

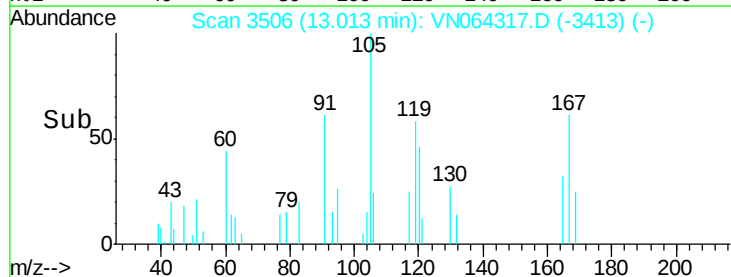
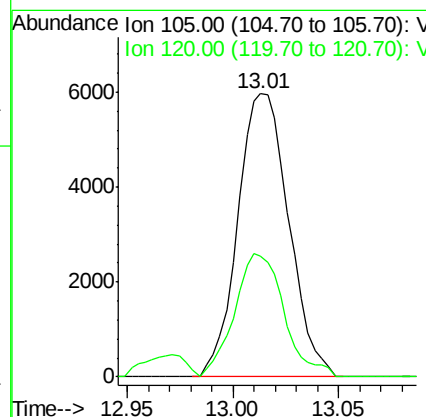
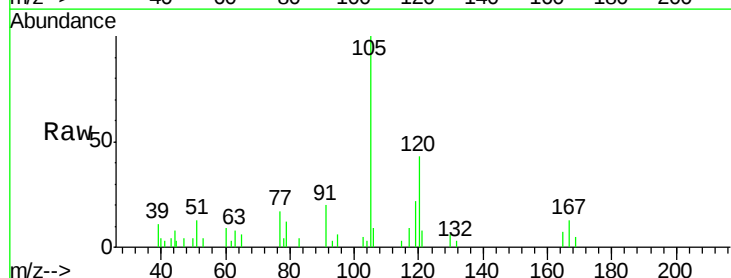
RT: 13.01 min Scan# 3506

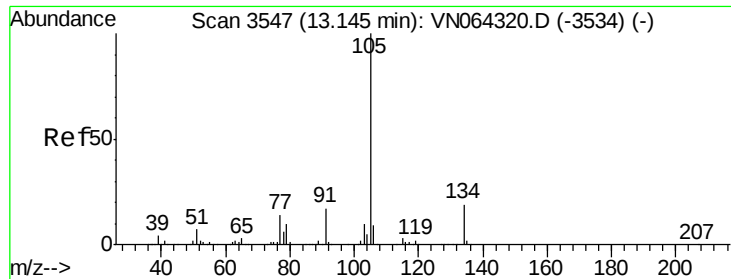
Delta R.T. 0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Tgt Ion:	105	Resp:	9981
Ion Ratio	Lower	Upper	
105	100		
120	42.4	21.3	64.0





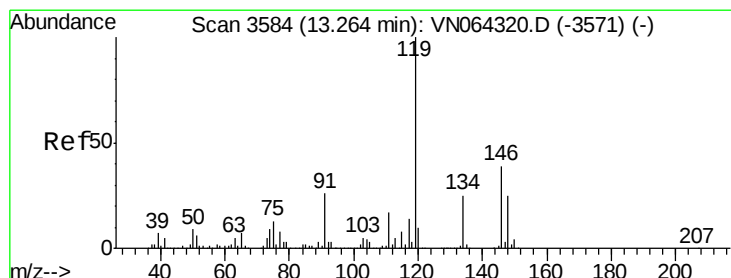
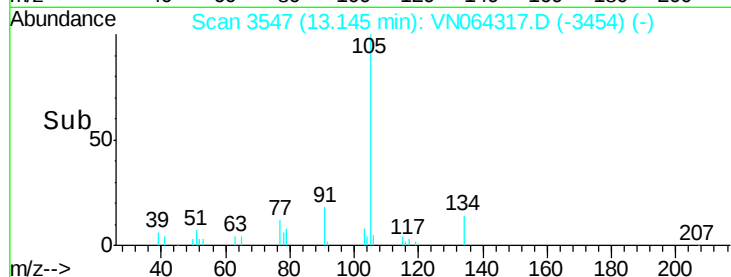
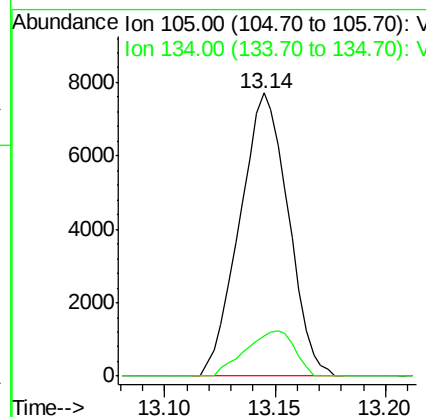
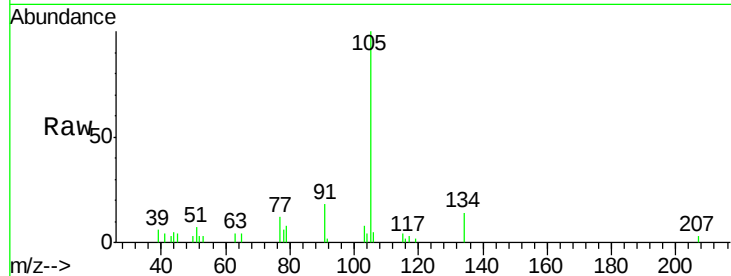
#85
 sec-Butylbenzene
 Concen: 1.103 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN064317.D
 Acq: 27 Oct 2020 9:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
134	16.0	9.6	28.8

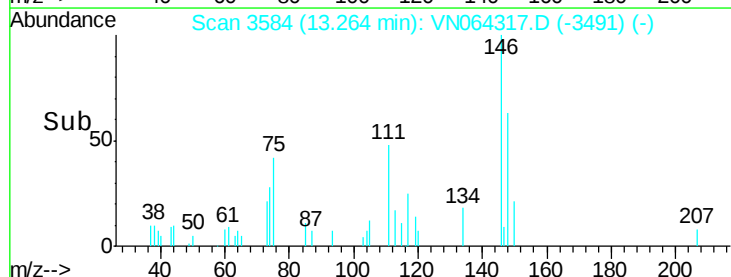
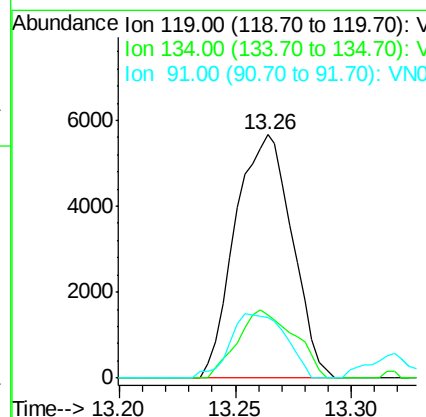
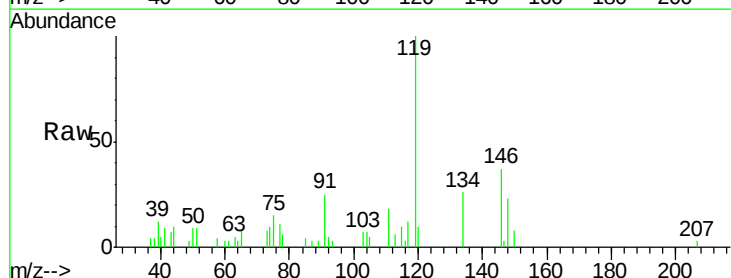
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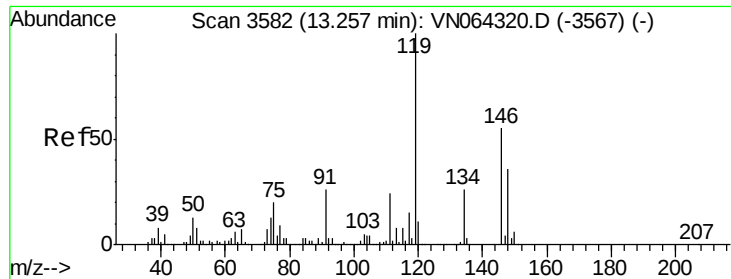
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#86
 p-Isopropyltoluene
 Concen: 0.989 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064317.D
 Acq: 27 Oct 2020 9:56

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.9	12.8	38.4
91	26.0	13.0	38.9





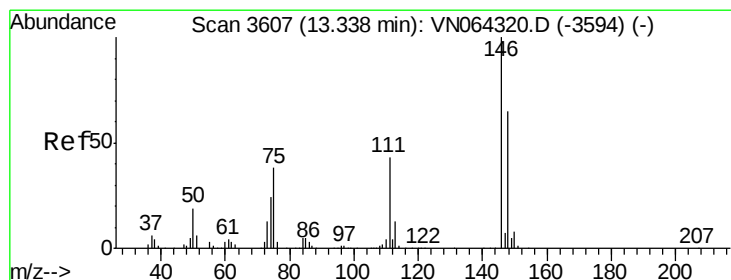
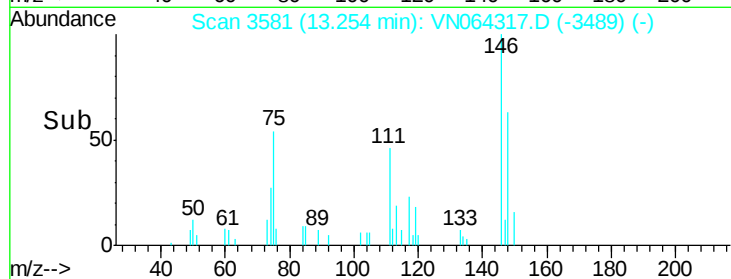
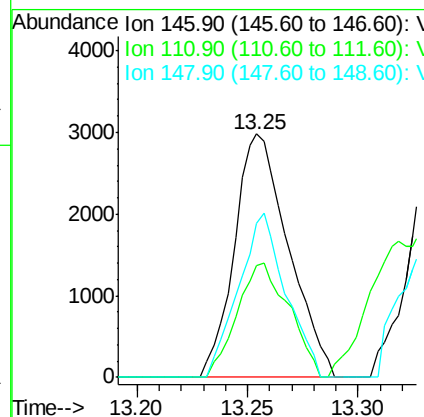
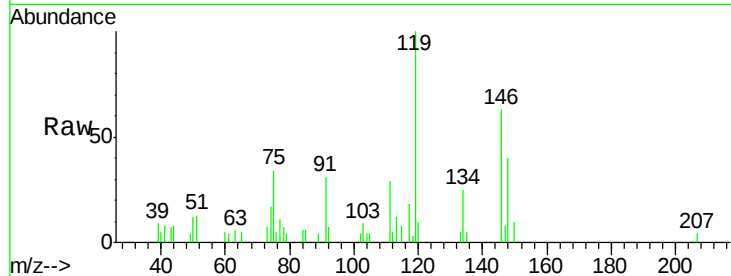
#87
 1,3-Dichlorobenzene
 Concen: 0.983 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064317.D
 Acq: 27 Oct 2020 9:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.9	21.9	65.5
148	58.9	32.6	98.0

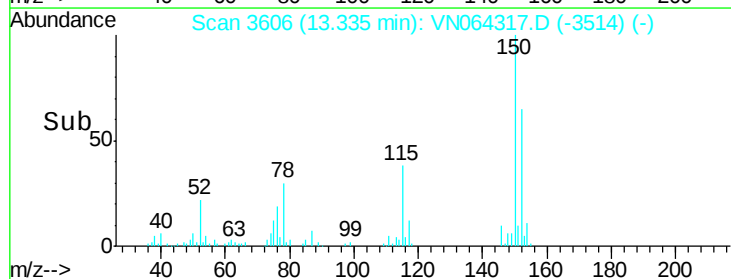
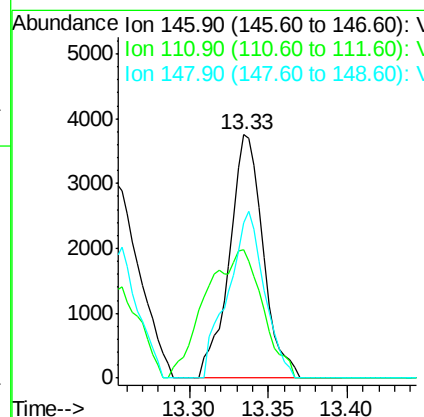
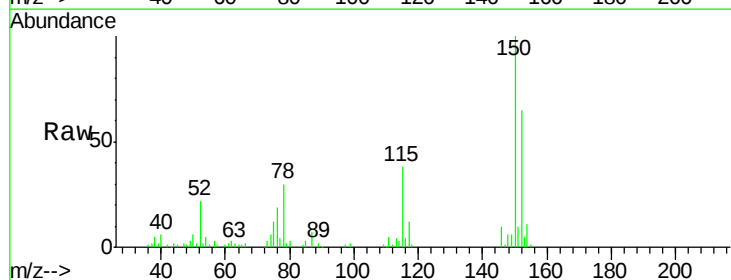
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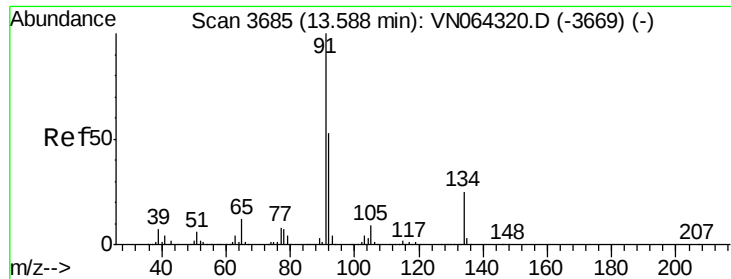
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 1.063 ug/l m
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064317.D
 Acq: 27 Oct 2020 9:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	21.8	65.4
148	53.3	31.8	95.3





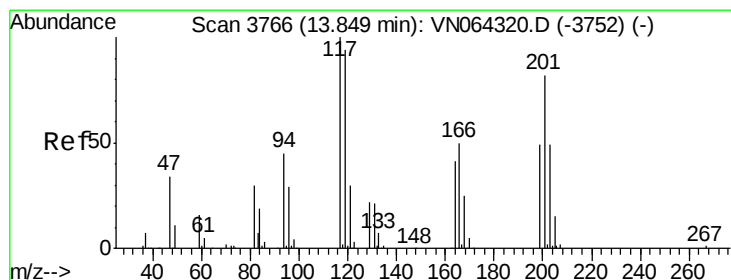
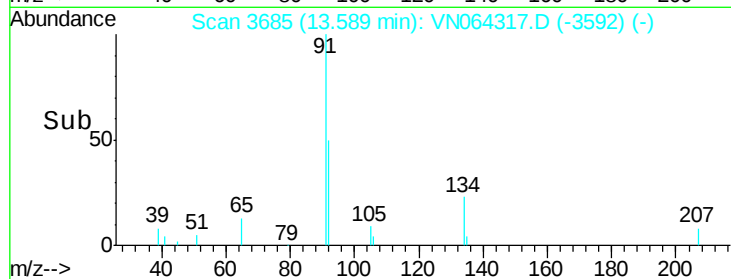
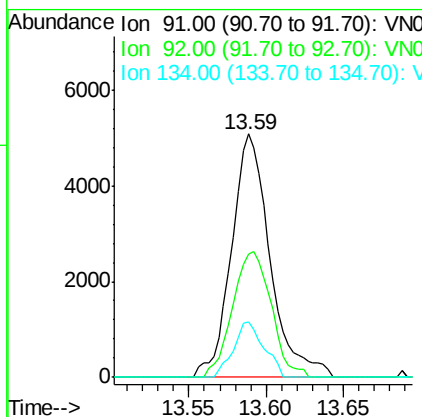
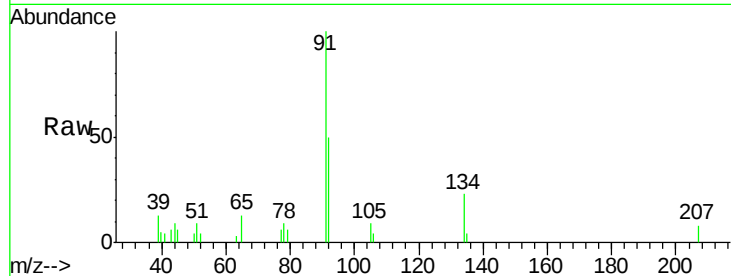
#89
n-Butylbenzene
Concen: 1.012 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.2	78.5
134	17.9	12.4	37.4

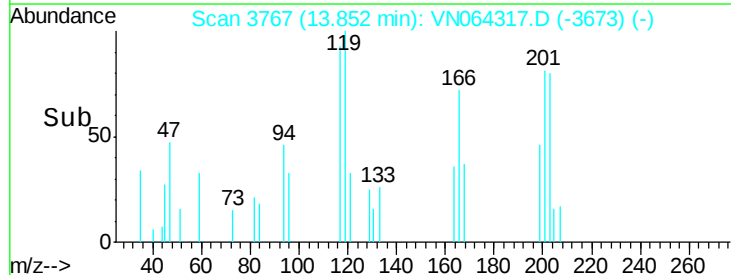
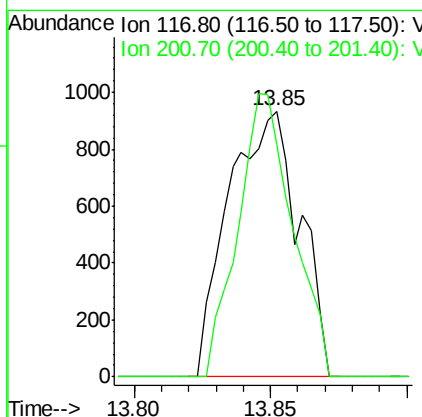
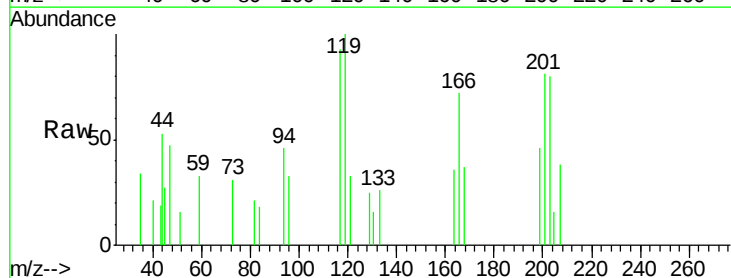
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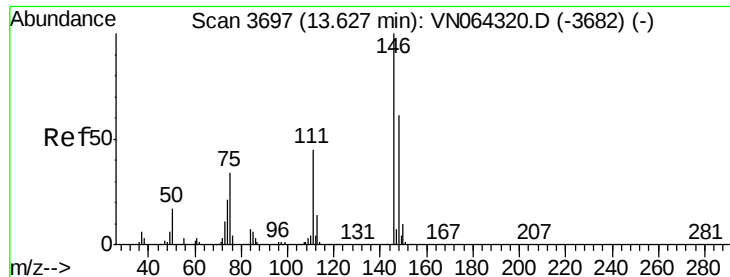
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#90
Hexachloroethane
Concen: 0.936 ug/l
RT: 13.85 min Scan# 3767
Delta R.T. 0.00 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.2	39.8	119.3





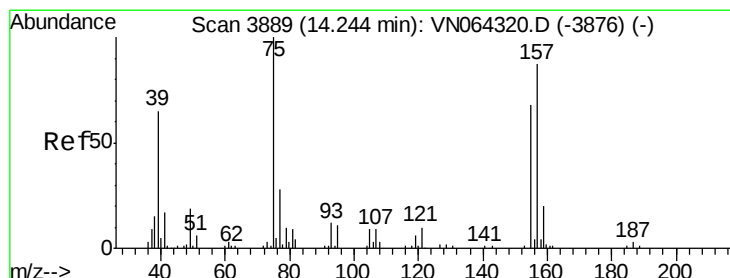
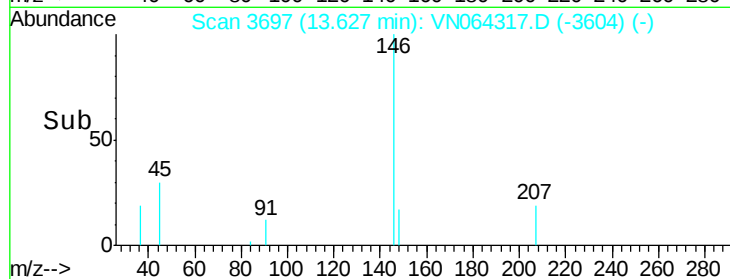
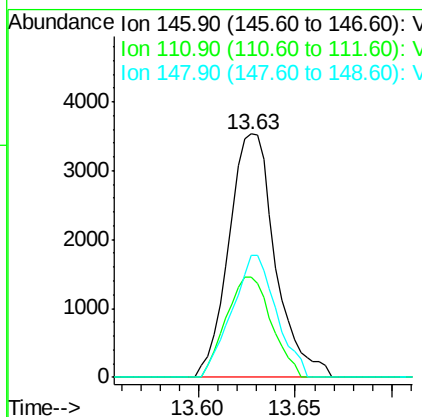
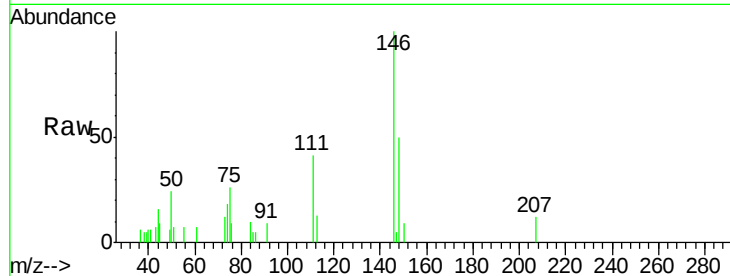
#91
 1,2-Dichlorobenzene
 Concen: 1.169 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064317.D
 Acq: 27 Oct 2020 9:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	23.0	69.0
148	47.8	32.1	96.3

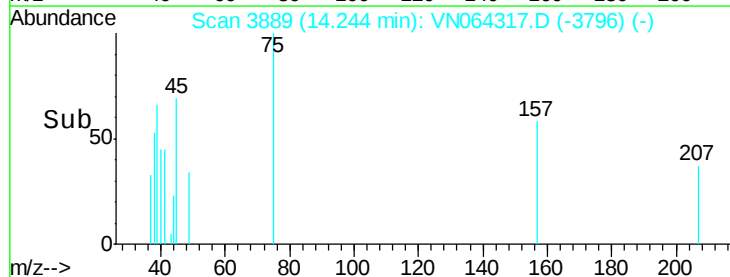
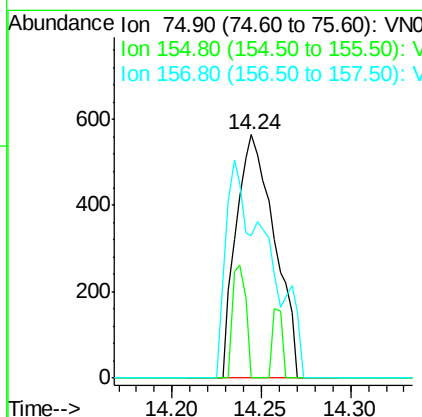
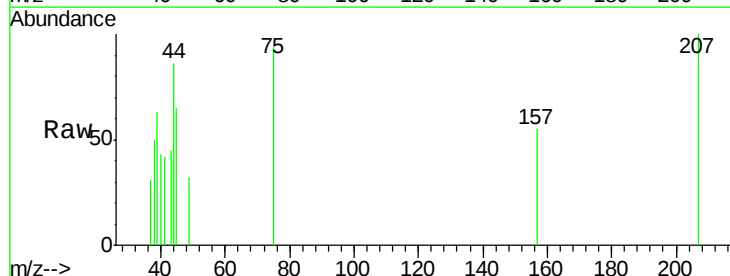
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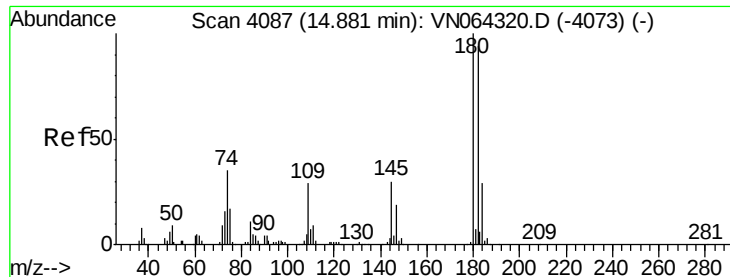
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.013 ug/l m
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064317.D
 Acq: 27 Oct 2020 9:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	0.0	35.1	105.5#
157	0.0	43.2	129.6#





#93

1,2,4-Trichlorobenzene

Concen: 0.616 ug/l

RT: 14.88 min Scan# 4088

Delta R.T. 0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

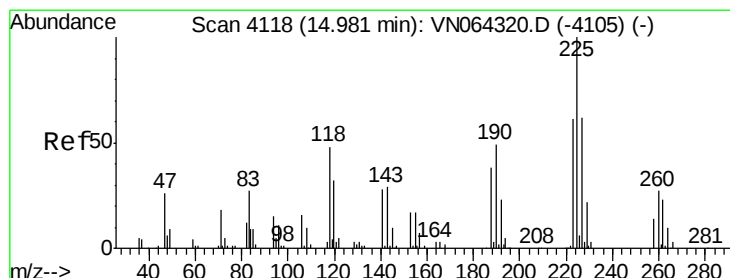
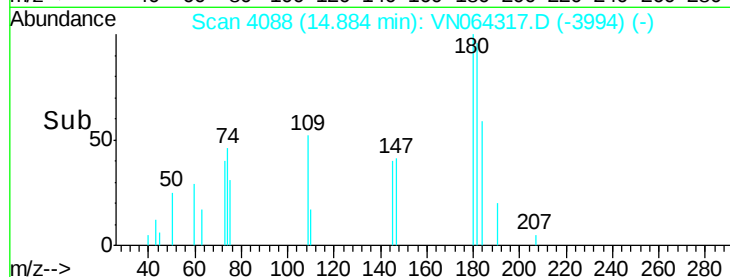
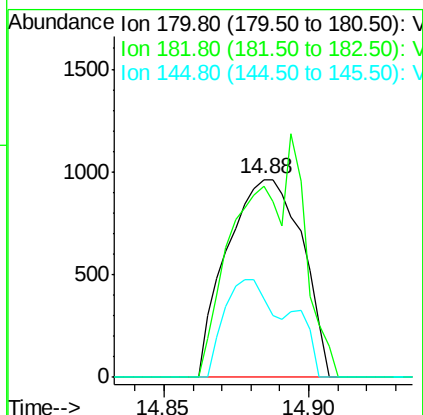
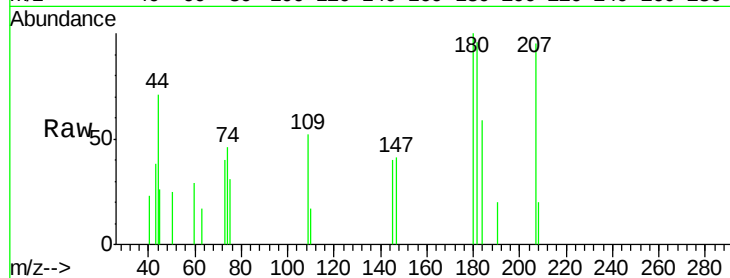
ClientSampleId :

VSTDIC001

Tot Ion:	180	Resp:	1730
Ion Ratio	Lower	Upper	
180	100		
182	69.3	46.6	139.7
145	32.3	15.3	45.9

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#94

Hexachlorobutadiene

Concen: 1.296 ug/l

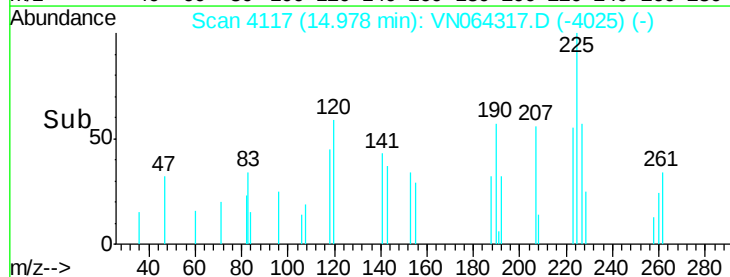
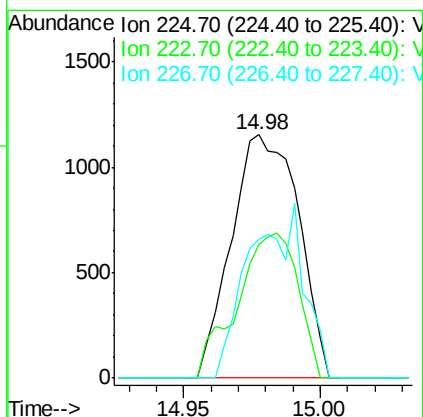
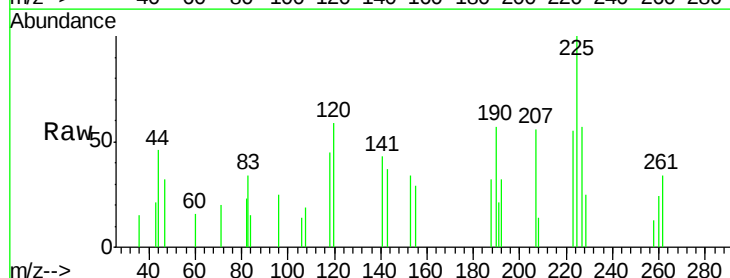
RT: 14.98 min Scan# 4117

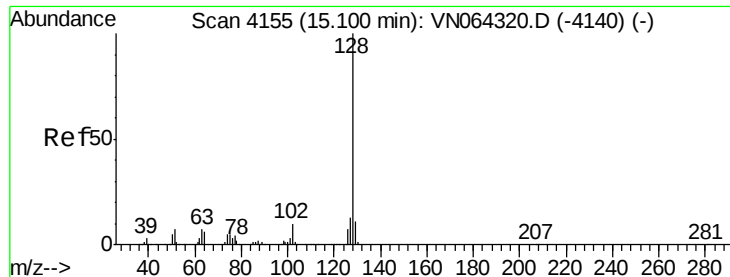
Delta R.T. -0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Tgt Ion:	225	Resp:	1972
Ion Ratio	Lower	Upper	
225	100		
223	53.9	31.3	93.8
227	58.0	32.3	96.9





#95

Naphthalene

Concen: 0.743 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.01 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

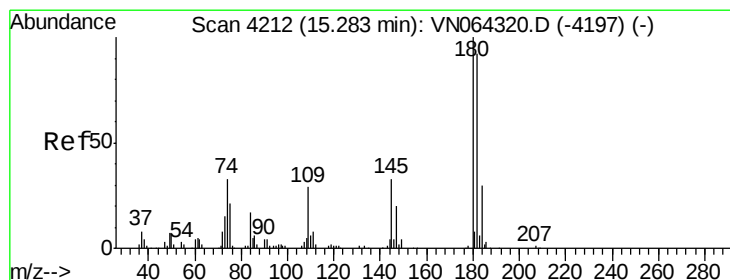
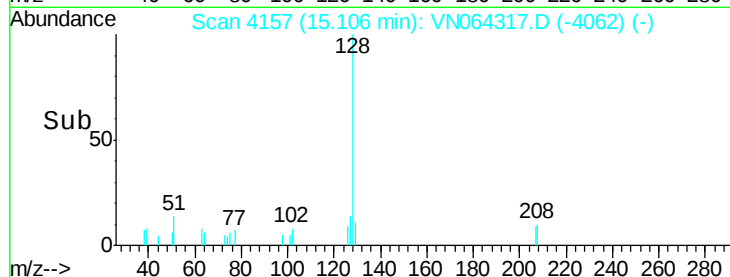
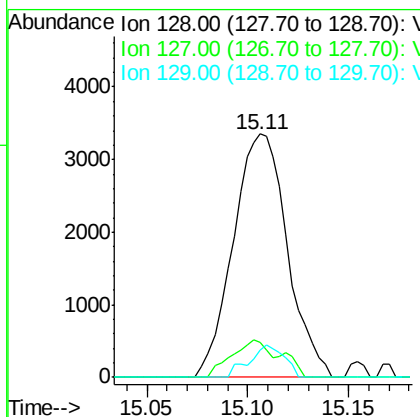
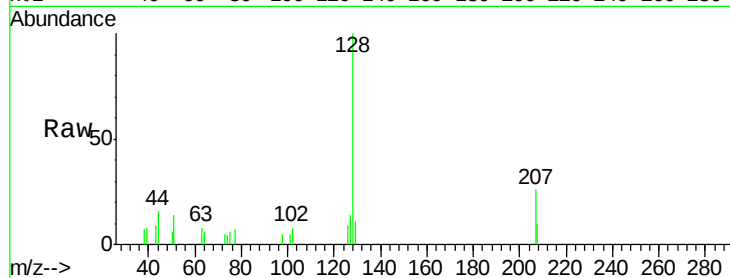
ClientSampleId :

VSTDIC001

Tot Ion:	128	Resp:	6267
Ion Ratio	Lower	Upper	
128	100		
127	13.9	10.4	15.6
129	8.6	8.6	13.0#

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 0.694 ug/l

RT: 15.28 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Tgt Ion:	180	Resp:	1930
Ion Ratio	Lower	Upper	
180	100		
182	113.5	46.1	138.3
145	42.8	16.2	48.5

