

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061620\
 Data File : VN061831.D
 Acq On : 16 Jun 2020 17:02
 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
 6/17/2020 3:44:49 PM

Quant Time: Jun 17 01:02:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 00:50:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	164181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	291213	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	261414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	106645	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	1291	0.729	ug/l	93
3) Chloromethane	2.03	50	2296	1.114	ug/l	98
4) Vinyl Chloride	2.16	62	2223	0.805	ug/l	100
6) Chloroethane	2.67	64	1723	0.960	ug/l	92
7) Trichlorofluoromethane	2.99	101	3150	0.896	ug/l	98
8) Diethyl Ether	3.38	74	884m	0.804	ug/l	
9) 1,1,2-Trichlorotrifluoroet	3.73	101	1461m	0.914	ug/l	
12) 1,1-Dichloroethene	3.70	96	1502	0.884	ug/l	92
14) Allyl chloride	4.27	41	1944	0.875	ug/l	94
15) Acrylonitrile	4.94	53	3065	4.168	ug/l #	86
16) Acetone	3.78	43	3824	5.451	ug/l	99
17) Carbon Disulfide	4.01	76	4848	1.229	ug/l	96
18) Methyl Acetate	4.29	43	1880	1.048	ug/l #	64
19) Methyl tert-butyl Ether	4.98	73	4930	0.857	ug/l	100
20) Methylene Chloride	4.51	84	2383m	0.979	ug/l	
21) trans-1,2-Dichloroethene	4.98	96	1852m	0.964	ug/l	
22) Diisopropyl ether	5.90	45	4447	0.911	ug/l #	77
23) Vinyl Acetate	5.85	43	16265	4.187	ug/l	97
24) 1,1-Dichloroethane	5.80	63	3183m	1.021	ug/l	
25) 2-Butanone	6.78	43	4375	4.668	ug/l	96
26) 2,2-Dichloropropane	6.78	77	2934	1.039	ug/l	81
27) cis-1,2-Dichloroethene	6.78	96	2074m	0.959	ug/l	
28) Bromochloromethane	7.15	49	1459	1.072	ug/l #	77
29) Tetrahydrofuran	7.17	42	2792	4.528	ug/l #	83
30) Chloroform	7.33	83	3601	1.052	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	2957	0.957	ug/l #	51
36) 1,1-Dichloropropene	7.75	75	2597	0.996	ug/l	87
37) Ethyl Acetate	6.88	43	1889	0.909	ug/l #	65
38) Carbon Tetrachloride	7.74	117	2488m	0.991	ug/l	
39) Methylcyclohexane	9.04	83	2476	0.783	ug/l	98
40) Benzene	8.00	78	7538	0.939	ug/l	91
41) Methacrylonitrile	7.13	41	863	0.907	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	2635	0.977	ug/l #	73
43) Isopropyl Acetate	8.12	43	2811	0.754	ug/l #	61

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 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 00:50:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.80	130	2020	0.845	ug/l	95
45) 1,2-Dichloropropane	9.08	63	1713	0.893	ug/l	94
46) Dibromomethane	9.17	93	1253	0.863	ug/l	95
47) Bromodichloromethane	9.37	83	2633	0.915	ug/l #	95
48) Methyl methacrylate	9.16	41	1327m	0.788	ug/l	
49) 1,4-Dioxane	9.16	88	592	20.918	ug/l #	59
51) 4-Methyl-2-Pentanone	9.95	43	7941	3.765	ug/l	100
52) Toluene	10.12	92	4113	0.788	ug/l	93
53) t-1,3-Dichloropropene	10.36	75	2427	0.783	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	2798	0.836	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	1668	0.804	ug/l #	90
56) Ethyl methacrylate	10.41	69	1871	0.651	ug/l	98
57) 1,3-Dichloropropane	10.68	76	2886	0.864	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.67	63	4377	3.620	ug/l	95
59) 2-Hexanone	10.72	43	5483	3.619	ug/l	91
60) Dibromochloromethane	10.87	129	1916	0.821	ug/l	94
61) 1,2-Dibromoethane	10.98	107	1773	0.823	ug/l	95
64) Tetrachloroethene	10.60	164	1504	0.643	ug/l	92
65) Chlorobenzene	11.41	112	5746	1.054	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	1697	0.841	ug/l #	63
67) Ethyl Benzene	11.49	91	8315	0.881	ug/l	99
68) m/p-Xylenes	11.59	106	6001	1.609	ug/l	95
69) o-Xylene	11.92	106	2763	0.779	ug/l	98
70) Styrene	11.94	104	4344	0.739	ug/l	98
71) Bromoform	12.10	173	1209	0.786	ug/l #	83
73) Isopropylbenzene	12.22	105	6730	0.859	ug/l	97
74) N-amyl acetate	12.05	43	1755	0.710	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.48	83	2791	1.252	ug/l #	95
76) 1,2,3-Trichloropropane	12.53	75	2070m	1.055	ug/l	
77) Bromobenzene	12.51	156	1942	0.980	ug/l	93
78) n-propylbenzene	12.57	91	8194	0.935	ug/l	93
79) 2-Chlorotoluene	12.65	91	5114	0.979	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	5325	0.814	ug/l	98
82) 4-Chlorotoluene	12.75	91	4981	0.907	ug/l	98
83) tert-Butylbenzene	12.97	119	4811	0.837	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	4707	0.724	ug/l	93
85) sec-Butylbenzene	13.15	105	6018	0.812	ug/l	100
86) p-Isopropyltoluene	13.26	119	4850	0.712	ug/l	94
87) 1,3-Dichlorobenzene	13.26	146	3527	0.998	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	3842m	1.068	ug/l	
89) n-Butylbenzene	13.59	91	4525	0.796	ug/l	97
90) Hexachloroethane	13.84	117	960	1.161	ug/l	87
91) 1,2-Dichlorobenzene	13.63	146	3036	0.898	ug/l	91
92) 1,2-Dibromo-3-Chloropropan	14.25	75	312	0.704	ug/l	83
93) 1,2,4-Trichlorobenzene	14.89	180	1342	0.701	ug/l	91
94) Hexachlorobutadiene	14.98	225	639	0.785	ug/l	90
95) Naphthalene	15.11	128	3448	0.599	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.28	180	1355	0.720	ug/l	90

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ClientSampleId :
VSTDICC001

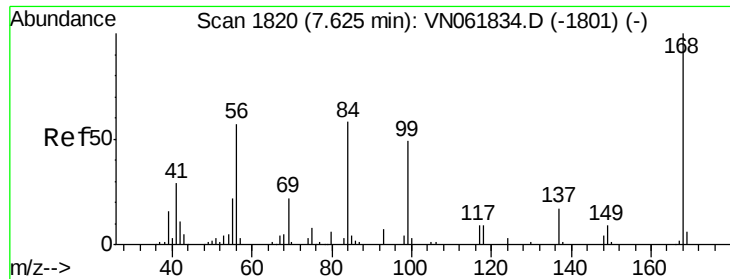
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061831.D

Acq: 16 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 164181

Ion Ratio Lower Upper

168 100

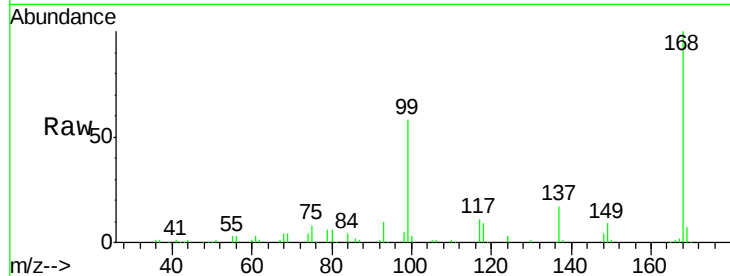
99 58.4 44.6 67.0

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

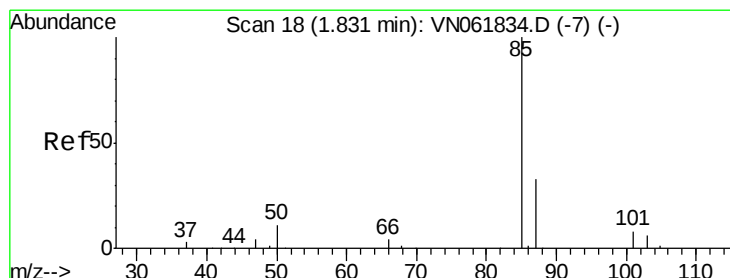
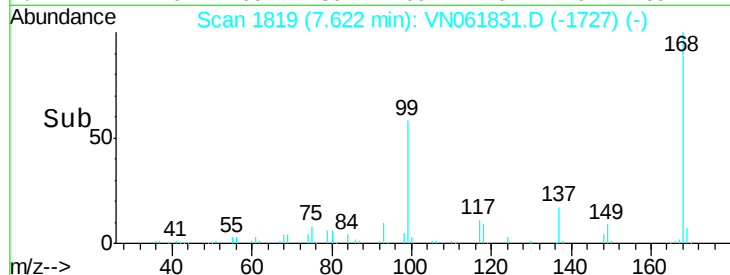
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 0.729 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN061831.D

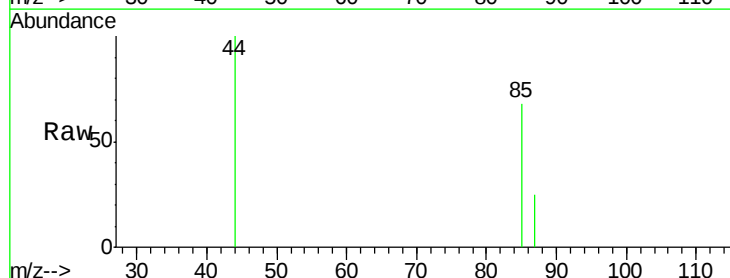
Acq: 16 Jun 2020 17:02

Tgt Ion: 85 Resp: 1291

Ion Ratio Lower Upper

85 100

87 37.1 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

1000

800

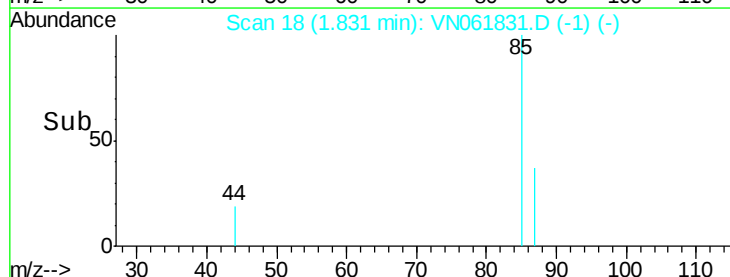
600

400

200

0

Time--> 1.80 1.82 1.84 1.86





#3

Chloromethane

Concen: 1.114 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061831.D

Acq: 16 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 2296

Ion Ratio Lower Upper

50 100

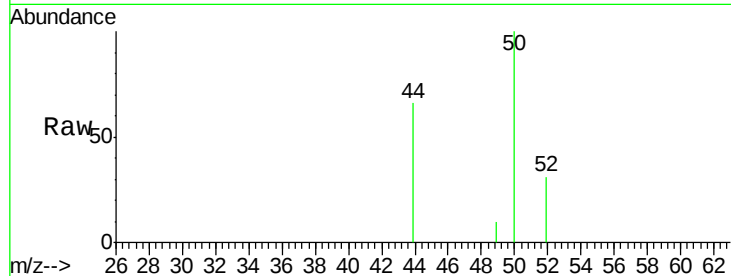
52 31.3 26.0 39.0

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

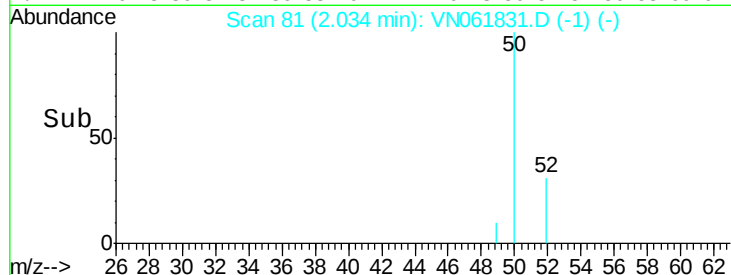
1500

1000

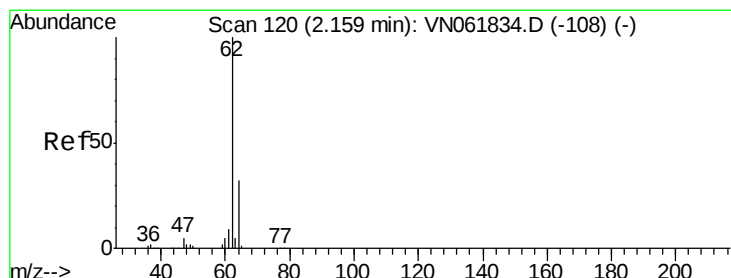
500

0

2.00 2.02 2.04 2.06 2.08



Time-->



#4

Vinyl Chloride

Concen: 0.805 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN061831.D

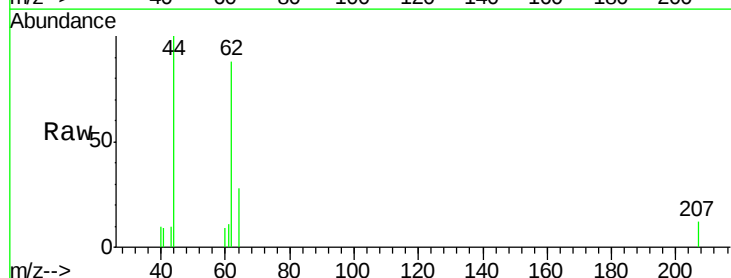
Acq: 16 Jun 2020 17:02

Tgt Ion: 62 Resp: 2223

Ion Ratio Lower Upper

62 100

64 31.9 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.16

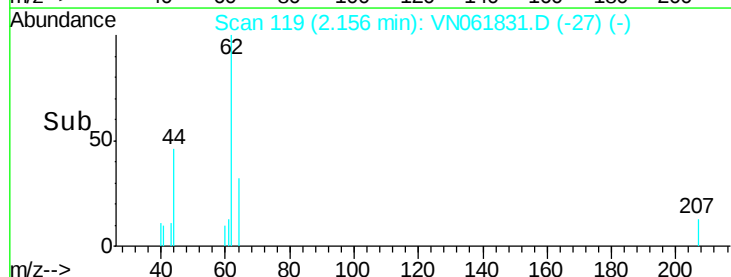
1500

1000

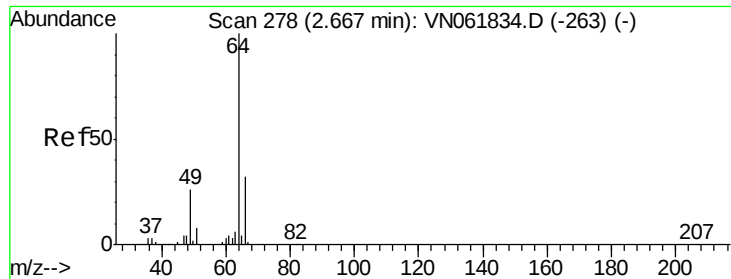
500

0

2.15 2.20



Time-->



#6

Chloroethane

Concen: 0.960 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.01 min

Lab File: VN061831.D

Acq: 16 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 1723

Ion Ratio Lower Upper

64 100

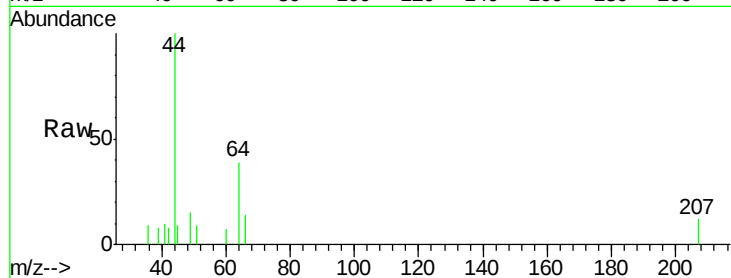
66 36.5 25.4 38.2

Manual Integrations

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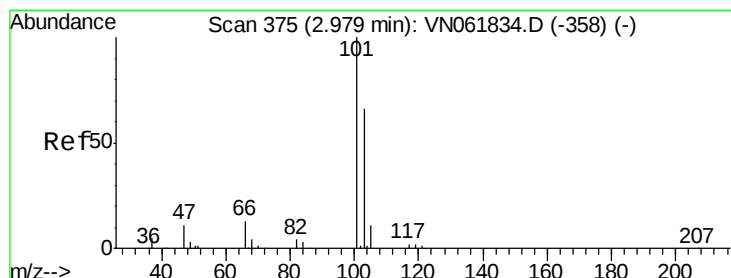
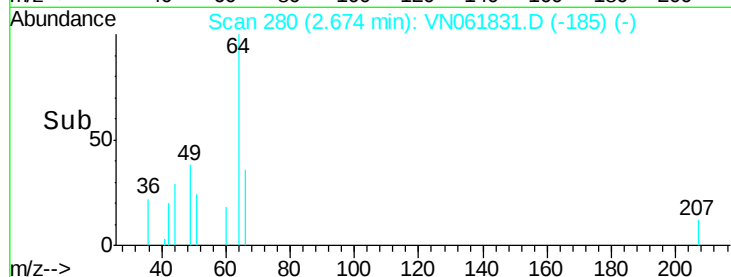
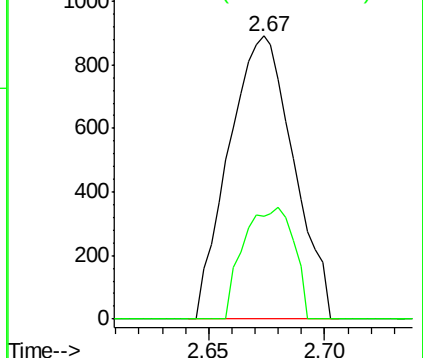
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Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



#7

Trichlorofluoromethane

Concen: 0.896 ug/l

RT: 2.99 min Scan# 377

Delta R.T. 0.01 min

Lab File: VN061831.D

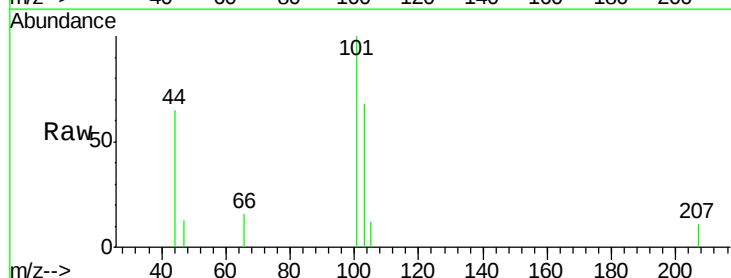
Acq: 16 Jun 2020 17:02

Tgt Ion: 101 Resp: 3150

Ion Ratio Lower Upper

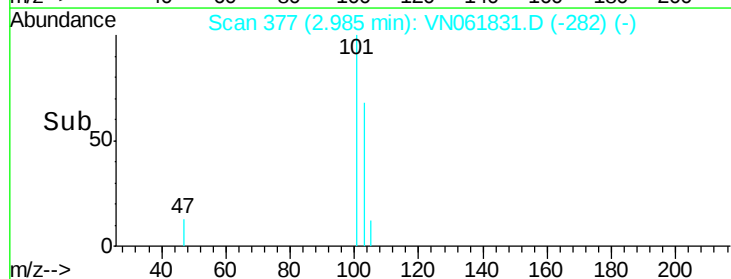
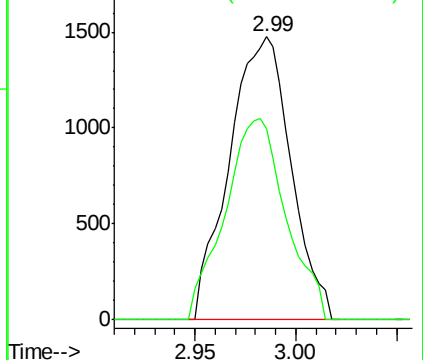
101 100

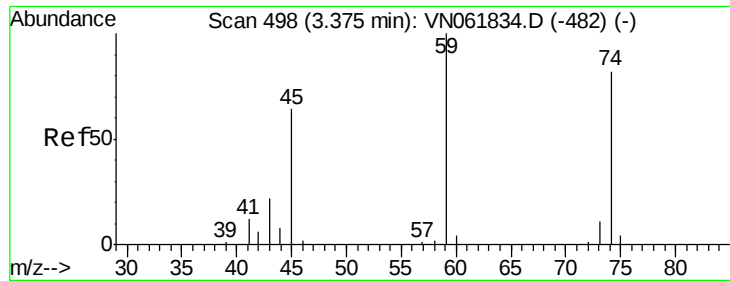
103 67.7 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V





#8

Diethyl Ether

Concen: 0.804 ug/l m

RT: 3.38 min Scan# 500

Delta R.T. 0.01 min

Lab File: VN061831.D

Acq: 16 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 74 Resp: 884

Ion Ratio Lower Upper

74 100

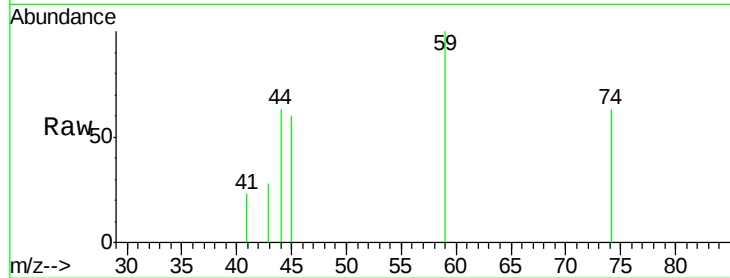
45 110.9 39.1 117.3

Manual Integrations

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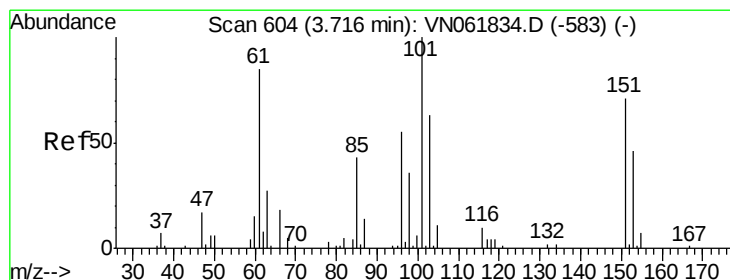
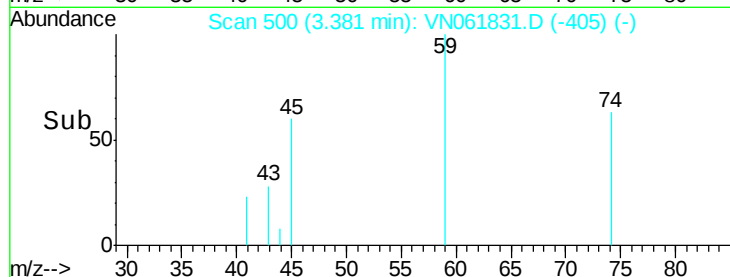


Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0

3.38

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.914 ug/l m

RT: 3.73 min Scan# 609

Delta R.T. 0.02 min

Lab File: VN061831.D

Acq: 16 Jun 2020 17:02

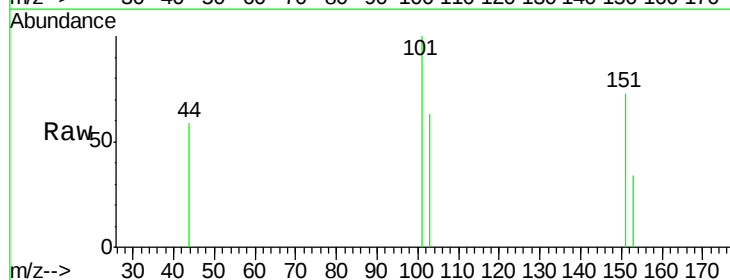
Tgt Ion: 101 Resp: 1461

Ion Ratio Lower Upper

101 100

85 19.7 35.0 52.6#

151 66.8 59.2 88.8



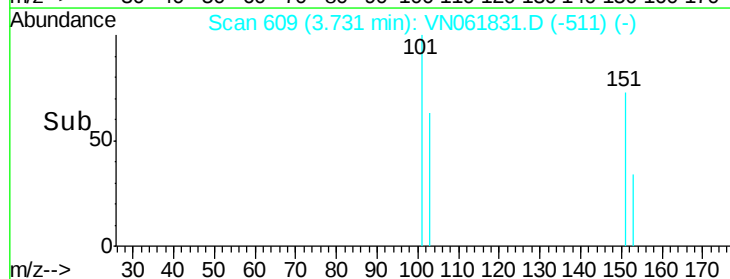
Abundance Ion 100.90 (100.60 to 101.60): V

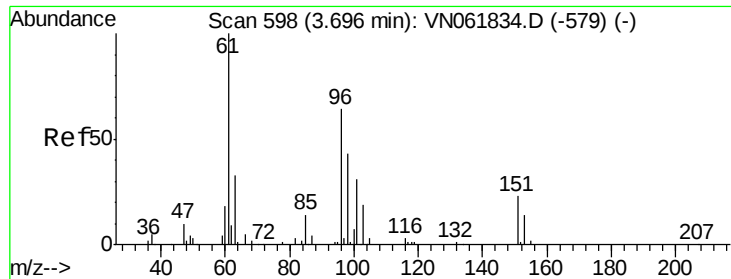
Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V

3.73

Time-->





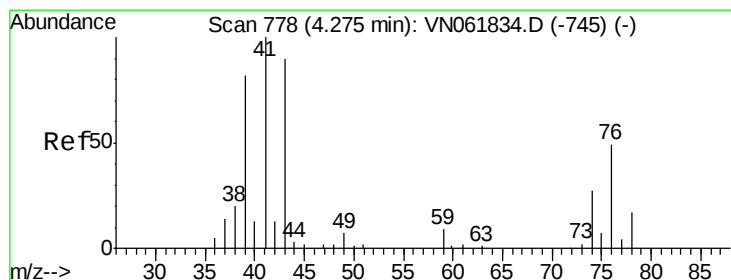
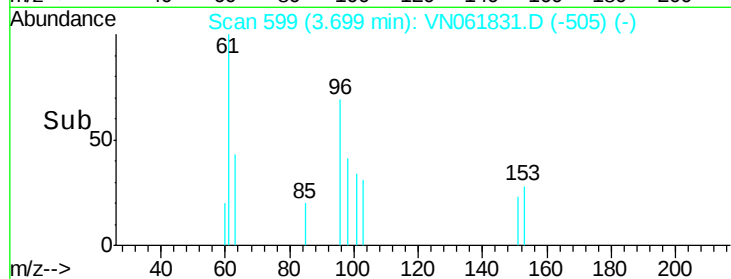
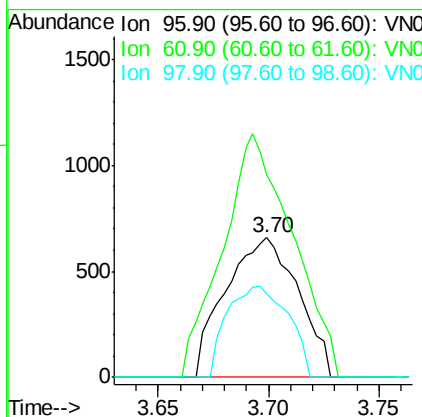
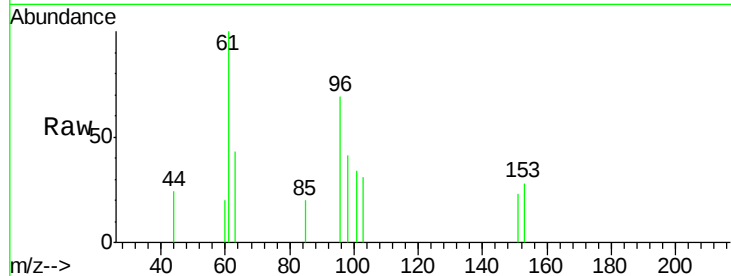
#12
1,1-Dichloroethene
Concen: 0.884 ug/l
RT: 3.70 min Scan# 599
Delta R.T. 0.00 min
Lab File: VN061831.D
Acq: 16 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.8	124.3	186.5
98	59.8	53.1	79.7

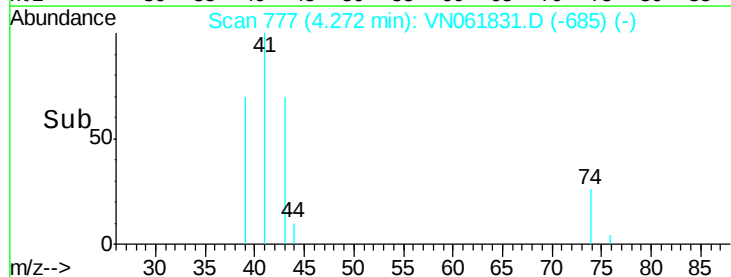
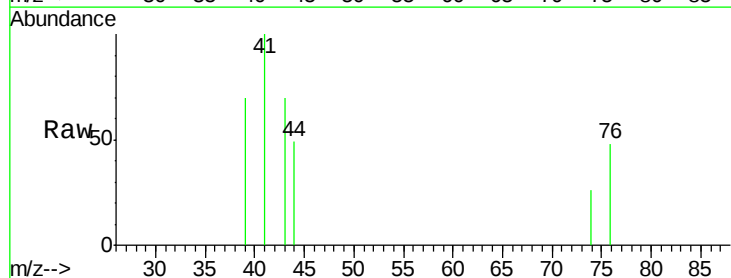
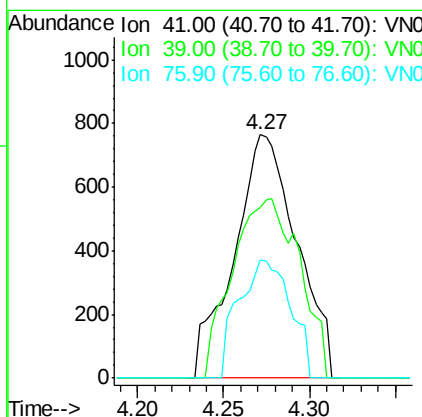
Manual Integrations
APPROVED

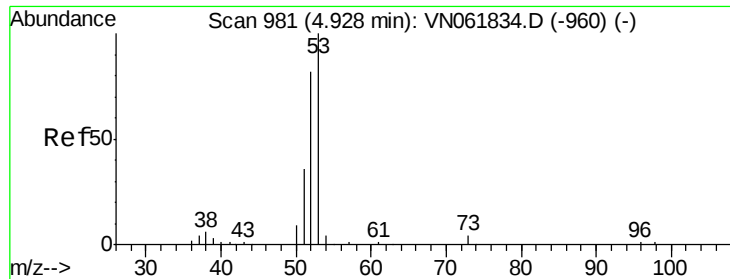
MMDadoda
6/17/2020 3:44:49 PM



#14
Allyl chloride
Concen: 0.875 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN061831.D
Acq: 16 Jun 2020 17:02

Tgt Ion	Ratio	Lower	Upper
41	100		
39	78.6	60.2	90.2
76	39.8	36.3	54.5





#15

Acrylonitrile

Concen: 4.168 ug/l

RT: 4.94 min Scan# 985

Delta R.T. 0.01 min

Lab File: VN061831.D

Acq: 16 Jun 2020 17:02

Instrument :

MSVOA_N

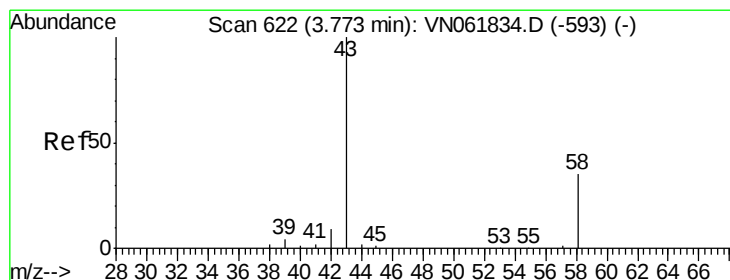
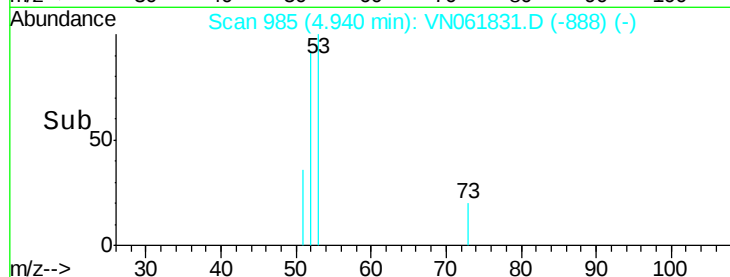
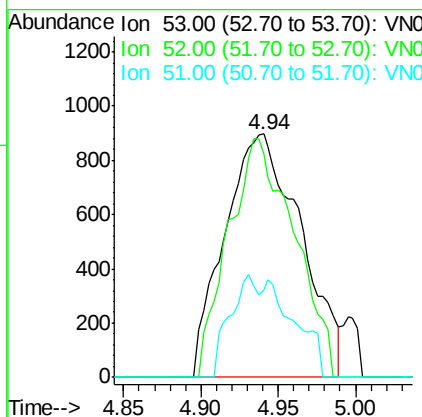
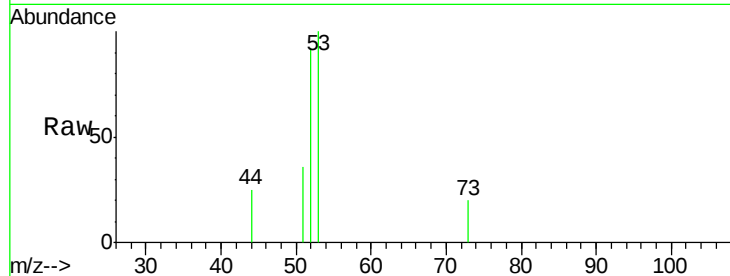
ClientSampleId :

VSTDIC001

Tot Ion:	53	Resp:	3065
Ion	Ratio	Lower	Upper
53	100		
52	85.4	65.2	97.8
51	15.5	29.3	43.9#

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#16

Acetone

Concen: 5.451 ug/l

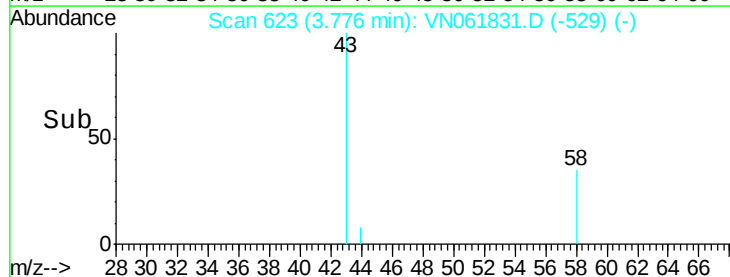
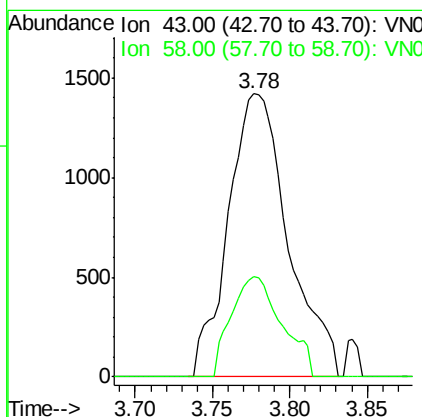
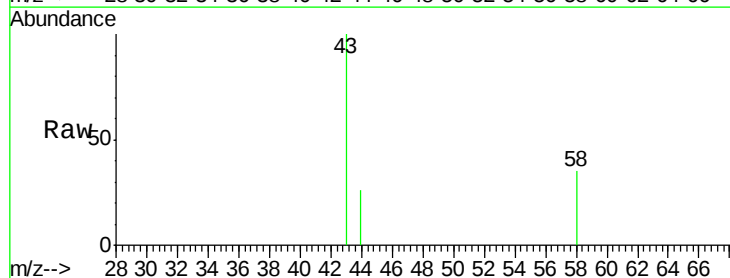
RT: 3.78 min Scan# 623

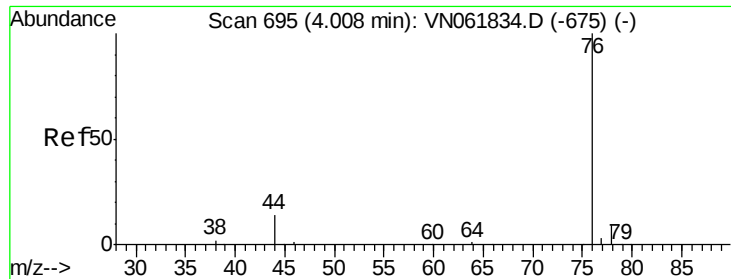
Delta R.T. 0.00 min

Lab File: VN061831.D

Acq: 16 Jun 2020 17:02

Tgt Ion:	43	Resp:	3824
Ion	Ratio	Lower	Upper
43	100		
58	35.3	27.8	41.8





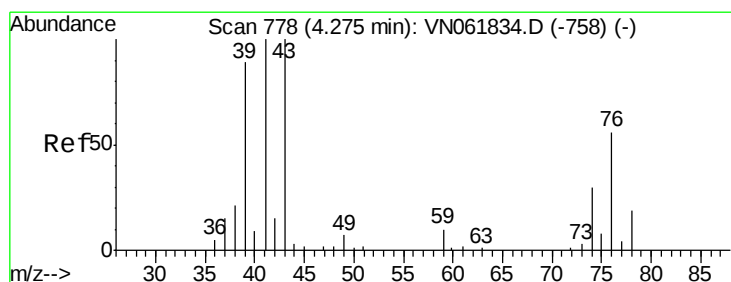
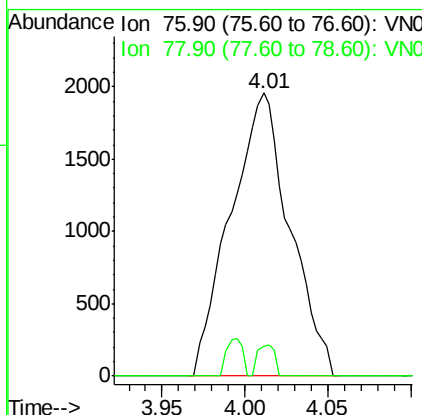
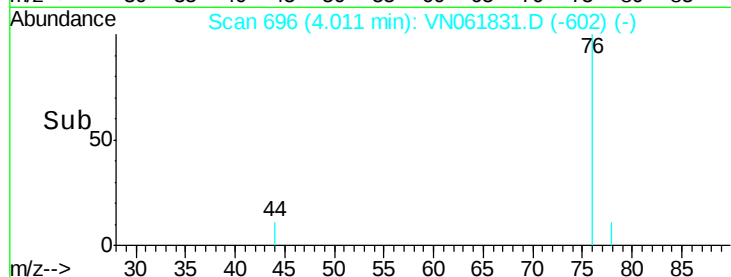
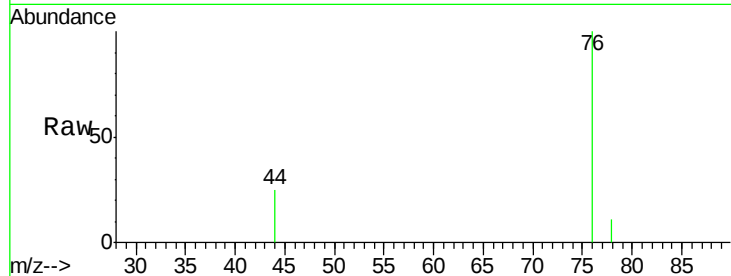
#17
Carbon Disulfide
Concen: 1.229 ug/l
RT: 4.01 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN061831.D
Acq: 16 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 76 Resp: 4848
Ion Ratio Lower Upper
76 100
78 10.7 7.3 10.9

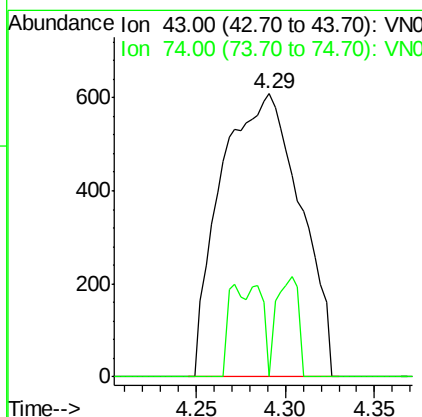
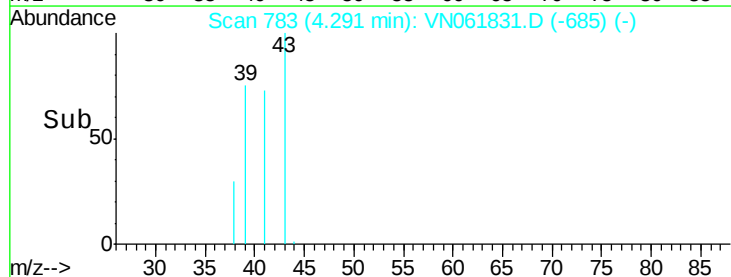
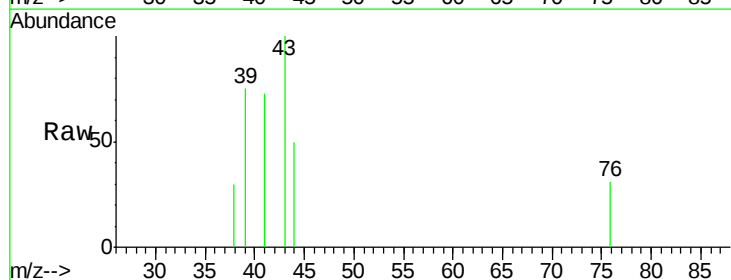
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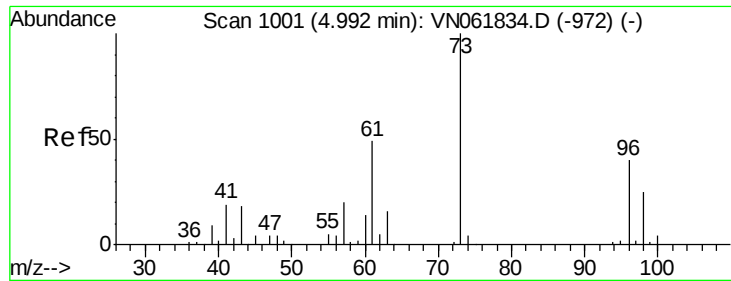
MMDadoda
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#18
Methyl Acetate
Concen: 1.048 ug/l
RT: 4.29 min Scan# 783
Delta R.T. 0.02 min
Lab File: VN061831.D
Acq: 16 Jun 2020 17:02

Tgt Ion: 43 Resp: 1880
Ion Ratio Lower Upper
43 100
74 9.8 23.0 34.4#





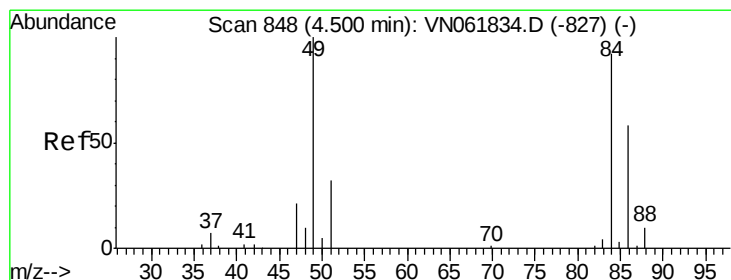
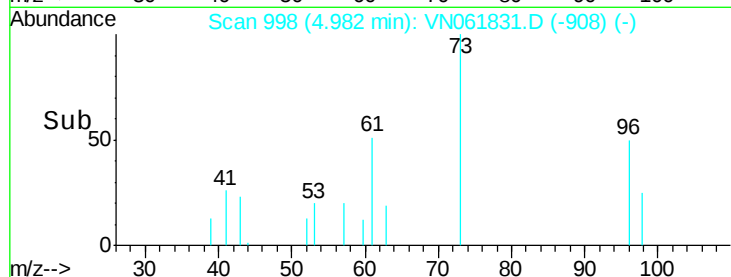
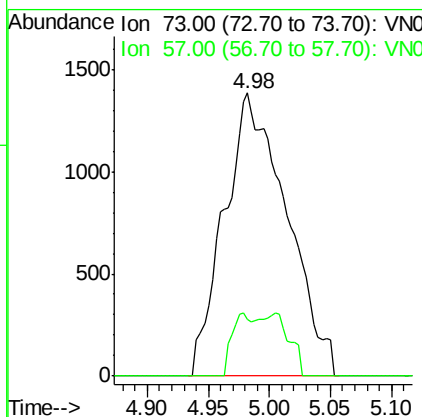
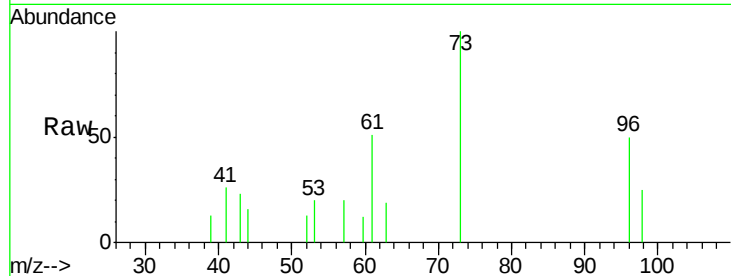
#19
Methvl tert-butvl Ether
Concen: 0.857 ug/l
RT: 4.98 min Scan# 998
Delta R.T. -0.01 min
Lab File: VN061831.D
Acq: 16 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 73 Resp: 4930
Ion Ratio Lower Upper
73 100
57 20.1 16.2 24.4

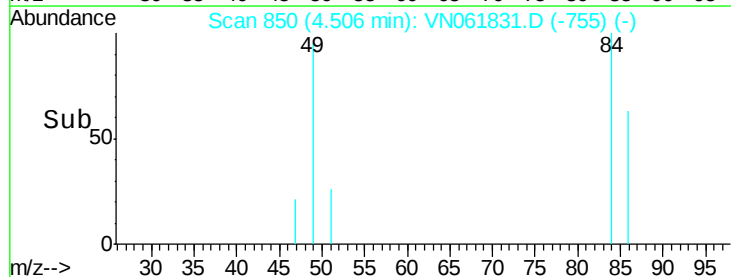
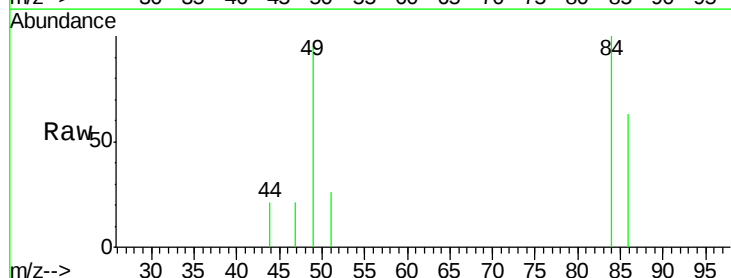
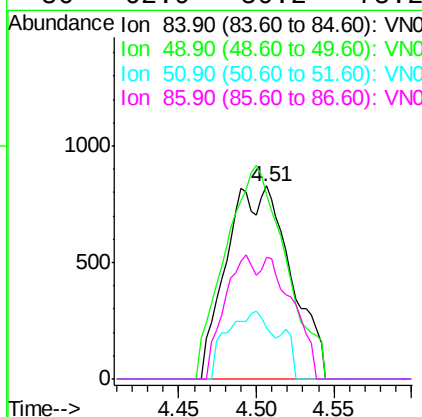
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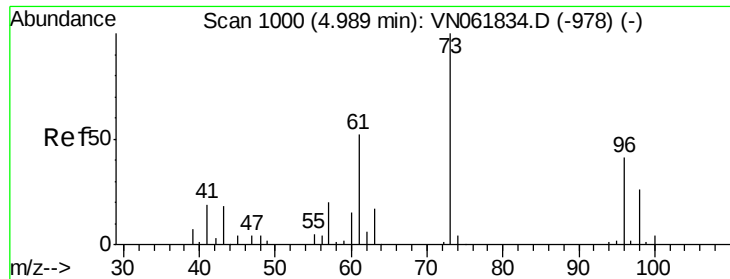
MMDadoda
6/17/2020 3:44:49 PM



#20
Methylene Chloride
Concen: 0.979 ug/l m
RT: 4.51 min Scan# 850
Delta R.T. 0.01 min
Lab File: VN061831.D
Acq: 16 Jun 2020 17:02

Tgt Ion: 84 Resp: 2383
Ion Ratio Lower Upper
84 100
49 95.4 87.0 130.4
51 26.4 27.8 41.6#
86 62.9 50.2 75.2





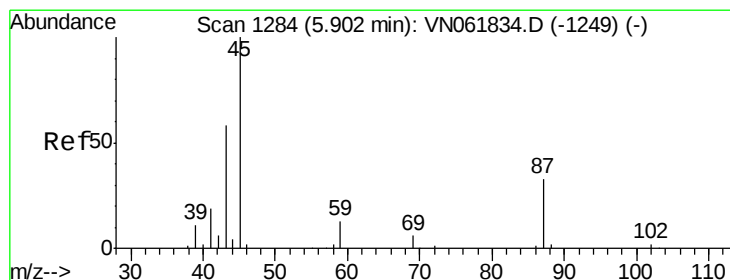
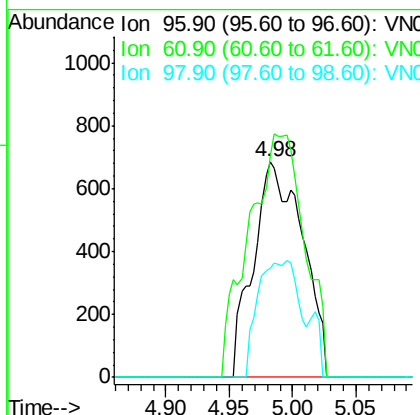
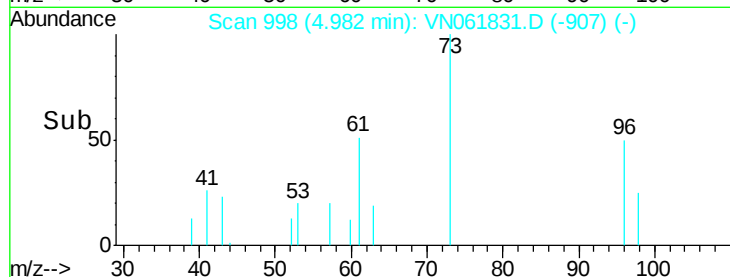
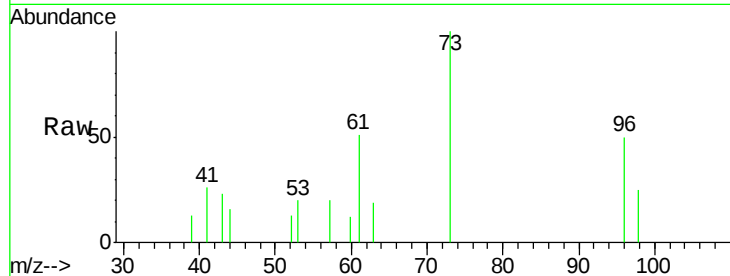
#21
trans-1,2-Dichloroethene
Concen: 0.964 ug/l m
RT: 4.98 min Scan# 998
Delta R.T. -0.01 min
Lab File: VN061831.D
Acq: 16 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	102.9	102.2	153.4
98	50.8	51.2	76.8#

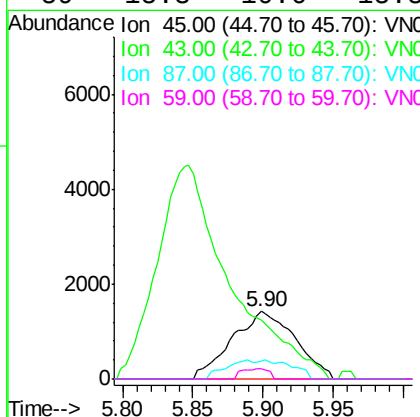
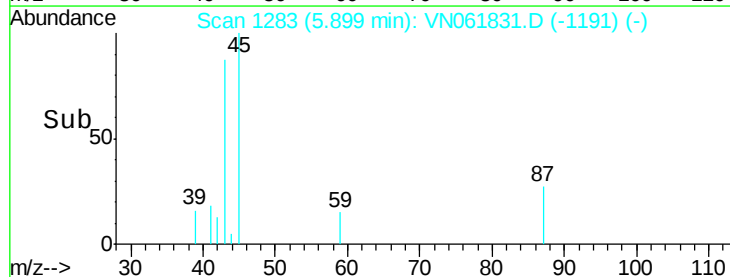
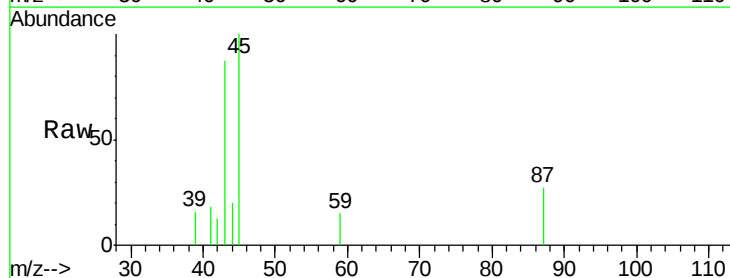
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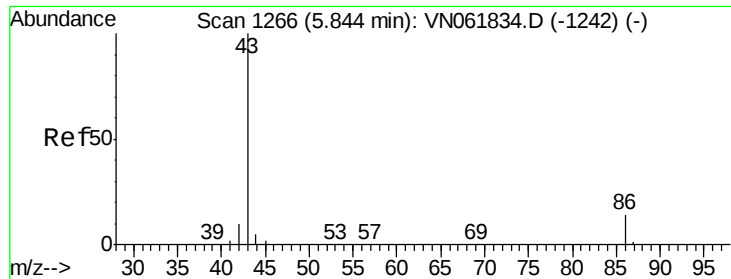
MMDadoda
6/17/2020 3:44:49 PM



#22
Diisopropyl ether
Concen: 0.911 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN061831.D
Acq: 16 Jun 2020 17:02

Tgt Ion	Ratio	Lower	Upper
45	100		
43	87.2	49.4	74.2#
87	26.9	27.4	41.0#
59	15.3	10.6	15.8





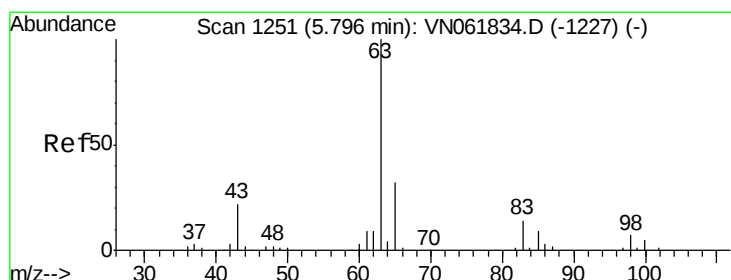
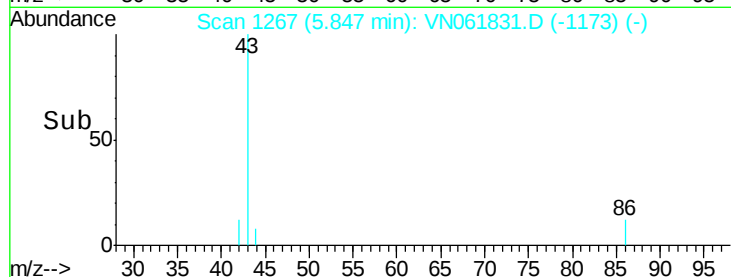
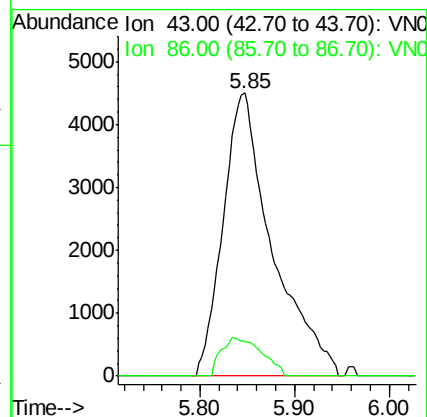
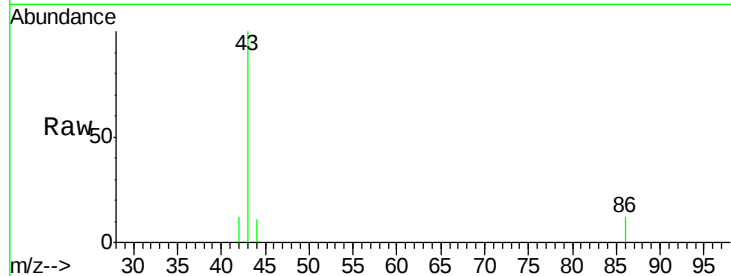
#23
 Vinyl Acetate
 Concen: 4.187 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: VN061831.D
 Acq: 16 Jun 2020 17:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion: 43 Resp: 16265
 Ion Ratio Lower Upper
 43 100
 86 12.2 10.9 16.3

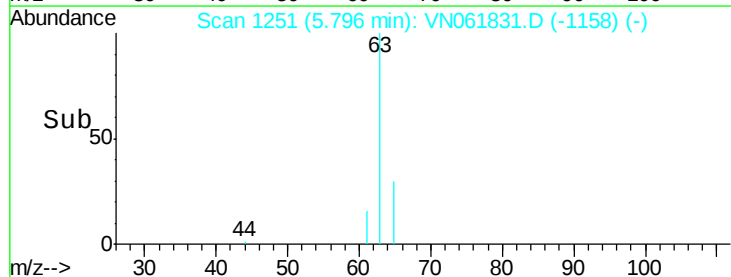
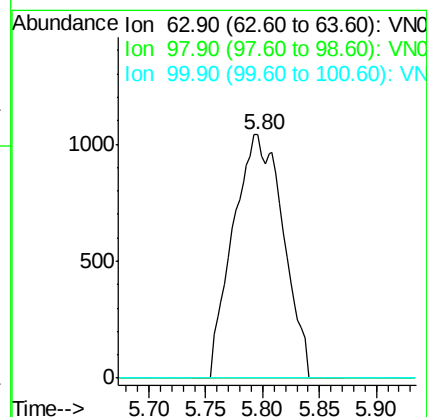
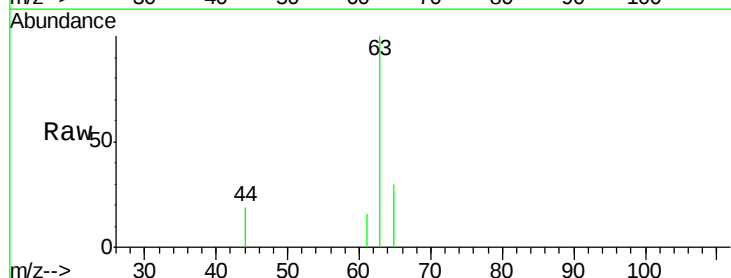
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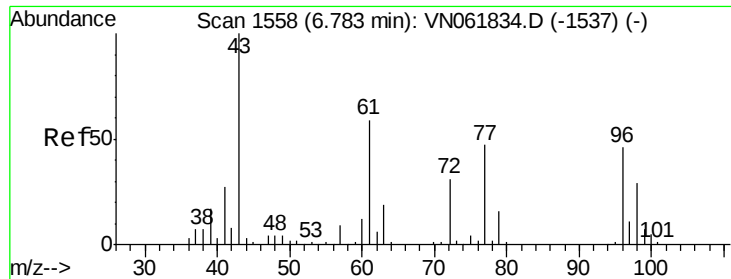
MMDadoda
 6/17/2020 3:44:49 PM



#24
 1,1-Dichloroethane
 Concen: 1.021 ug/l m
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN061831.D
 Acq: 16 Jun 2020 17:02

Tgt Ion: 63 Resp: 3183
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.4#
 100 0.0 2.5 7.4#





#25

2-Butanone

Concen: 4.668 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN061831.D

Acq: 16 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 4375

Ion Ratio Lower Upper

43 100

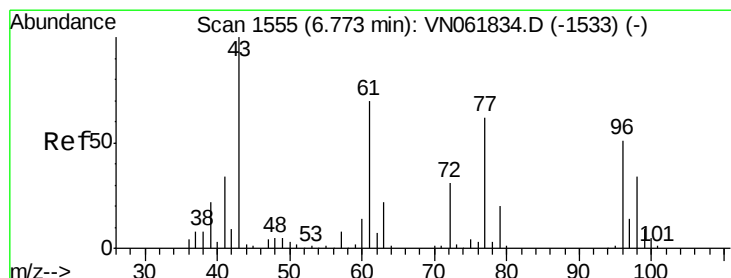
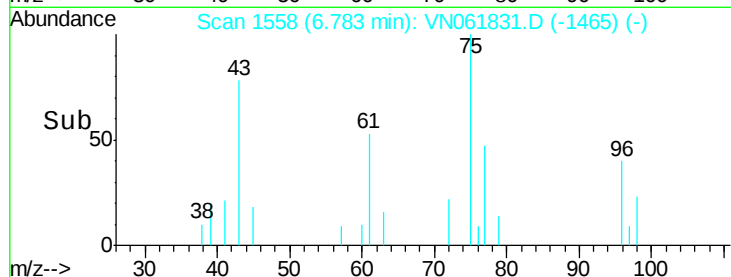
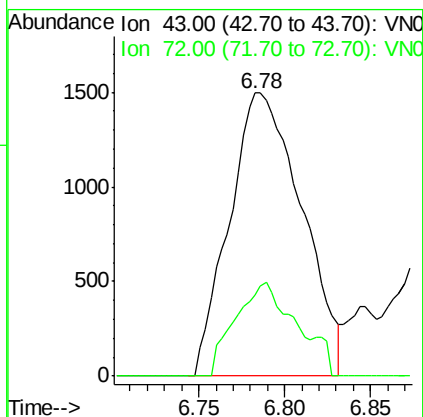
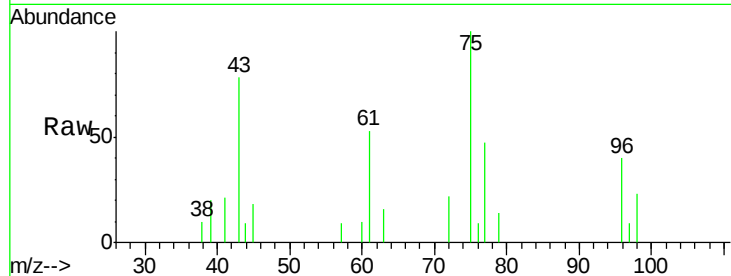
72 28.7 24.6 37.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 1.039 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.01 min

Lab File: VN061831.D

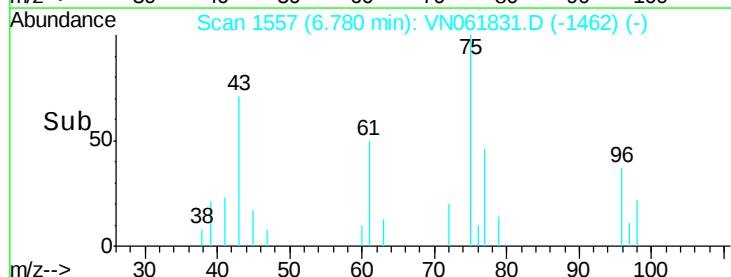
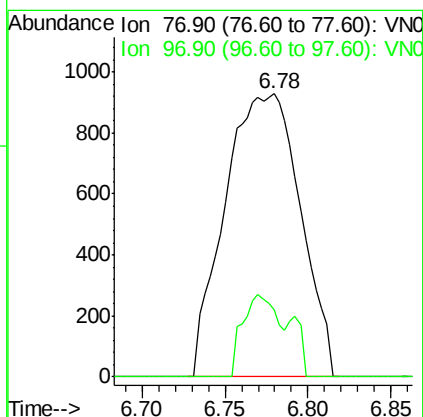
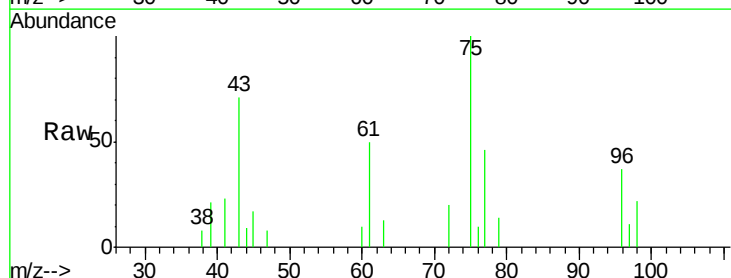
Acq: 16 Jun 2020 17:02

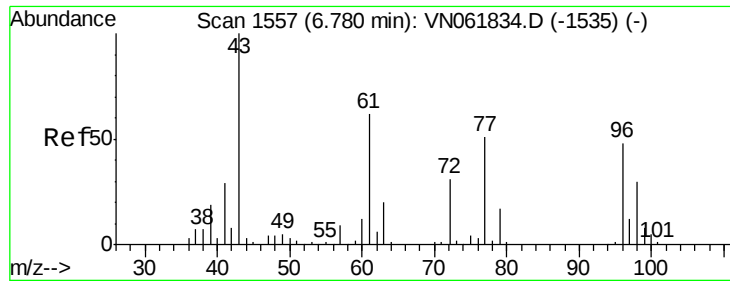
Tgt Ion: 77 Resp: 2934

Ion Ratio Lower Upper

77 100

97 13.8 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 0.959 ug/l m

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN061831.D

Acq: 16 Jun 2020 17:02

Instrument :

MSVOA_N

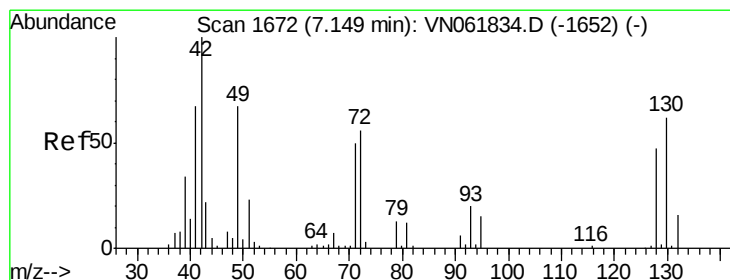
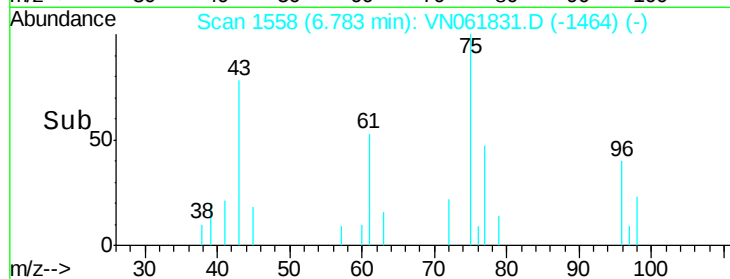
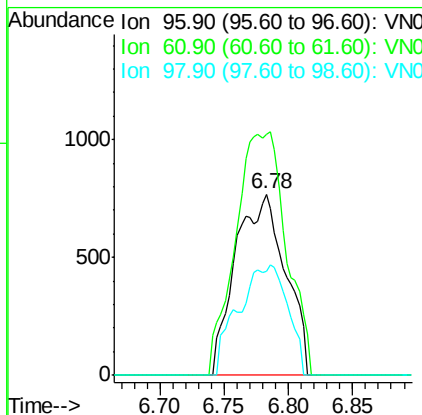
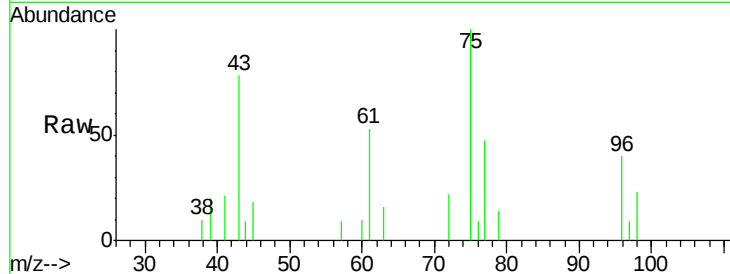
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	2074
Ion	Ratio	Lower	Upper
96	100		
61	137.0	0.0	265.6
98	60.1	0.0	128.2

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#28

Bromochloromethane

Concen: 1.072 ug/l

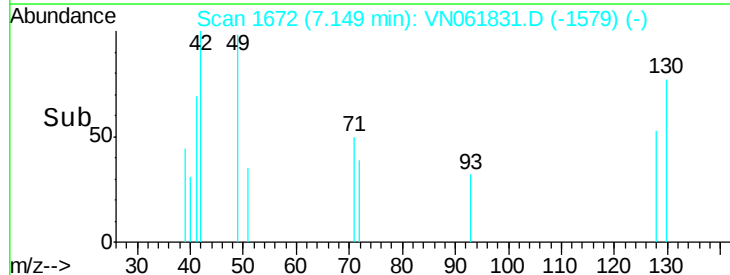
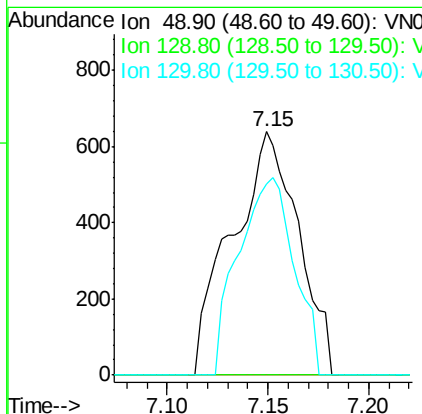
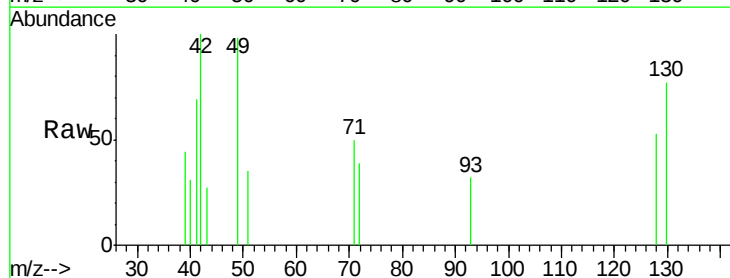
RT: 7.15 min Scan# 1672

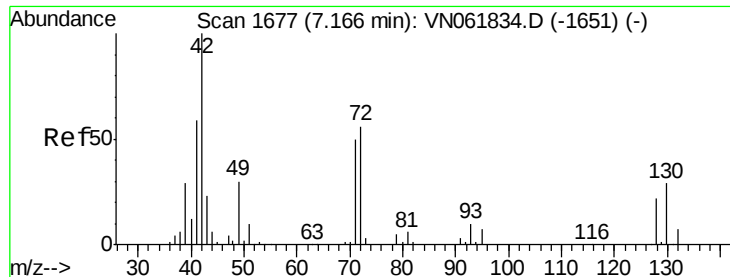
Delta R.T. -0.00 min

Lab File: VN061831.D

Acq: 16 Jun 2020 17:02

Tgt Ion:	49	Resp:	1459
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	68.5	72.2	108.2#





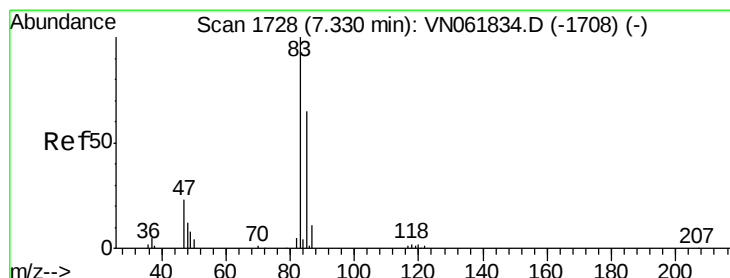
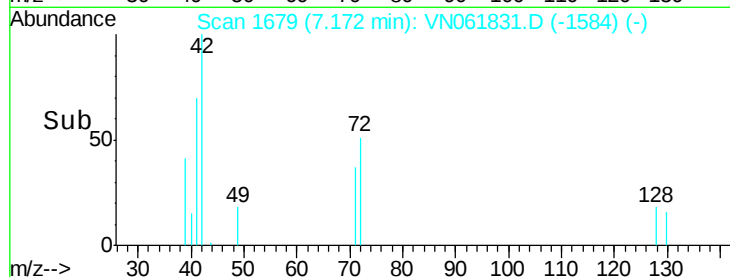
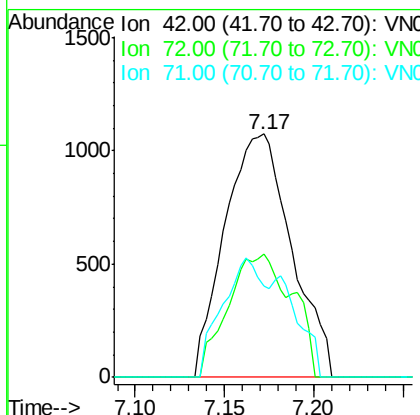
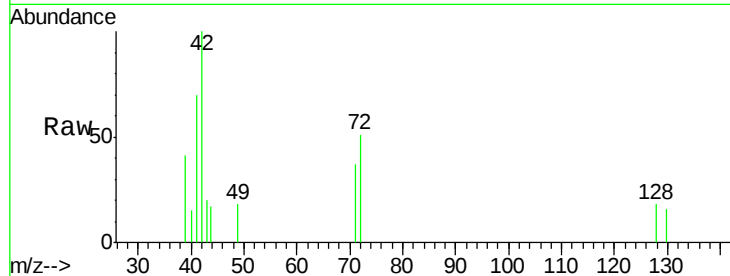
#29
Tetrahydrofuran
Concen: 4.528 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.01 min
Lab File: VN061831.D
Acq: 16 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.7	44.0	66.0
71	31.6	40.0	60.0

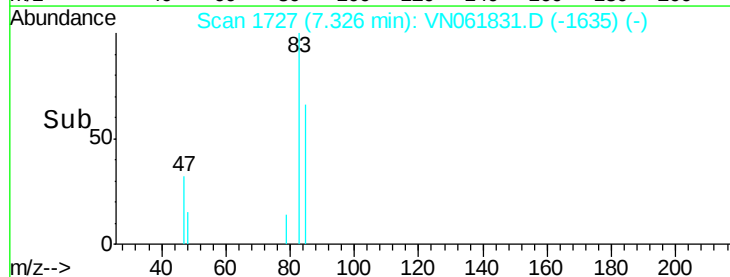
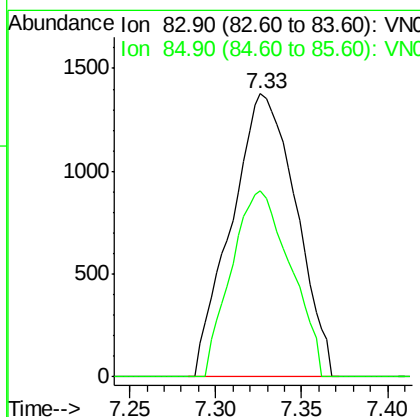
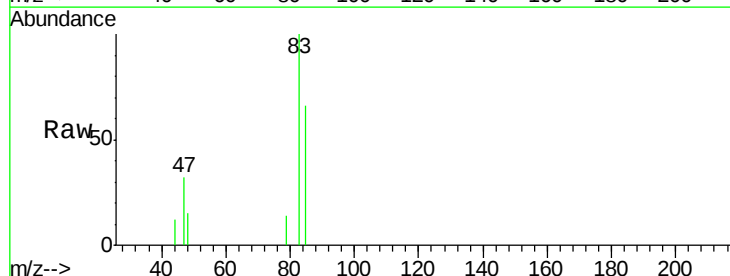
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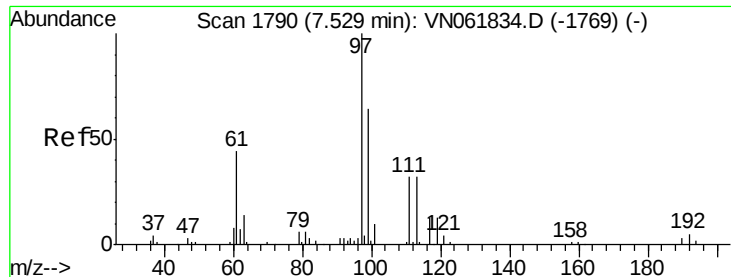
MMDadoda
6/17/2020 3:44:49 PM



#30
Chloroform
Concen: 1.052 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN061831.D
Acq: 16 Jun 2020 17:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.0	78.0





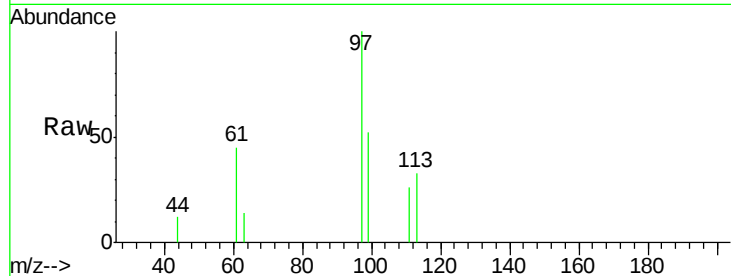
#32
 1,1,1-Trichloroethane
 Concen: 0.957 ug/l
 RT: 7.53 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VN061831.D
 Acq: 16 Jun 2020 17:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
99	0.0	51.5	77.3#	
61	43.3	35.1	52.7	

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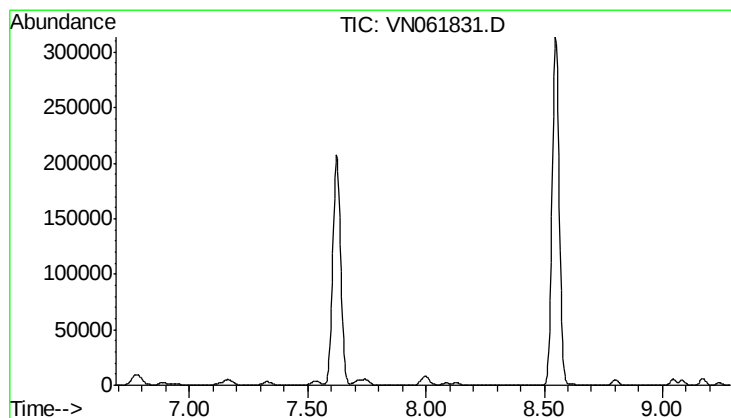
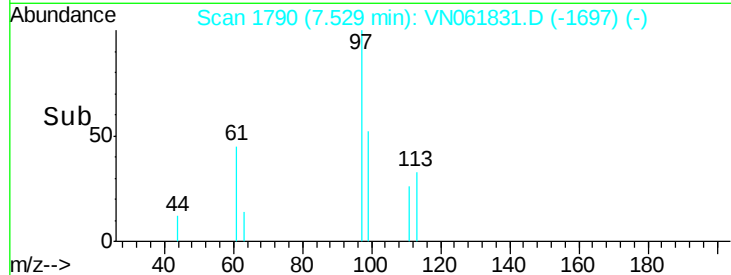
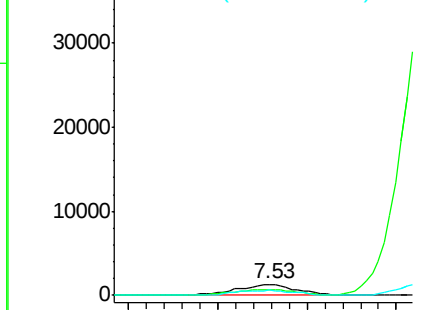


Abundance

Ion 96.90 (96.60 to 97.60): VN061831.D

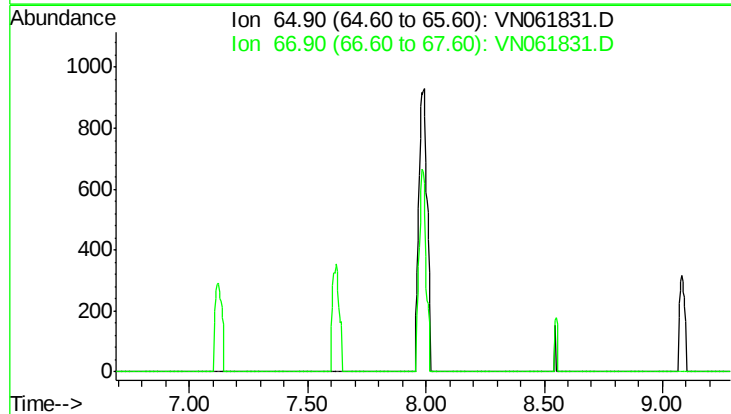
Ion 98.90 (98.60 to 99.60): VN061831.D

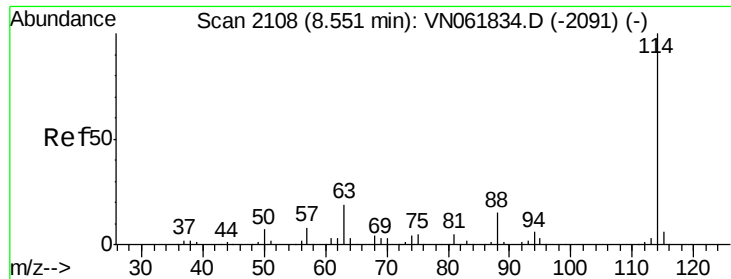
Ion 60.90 (60.60 to 61.60): VN061831.D



#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 7.99 min
 Lab File: VN061831.D
 Acq: 16 Jun 2020 17:02

Tgt Ion	Sig	Exp Ratio
65	100	
67	53.1	





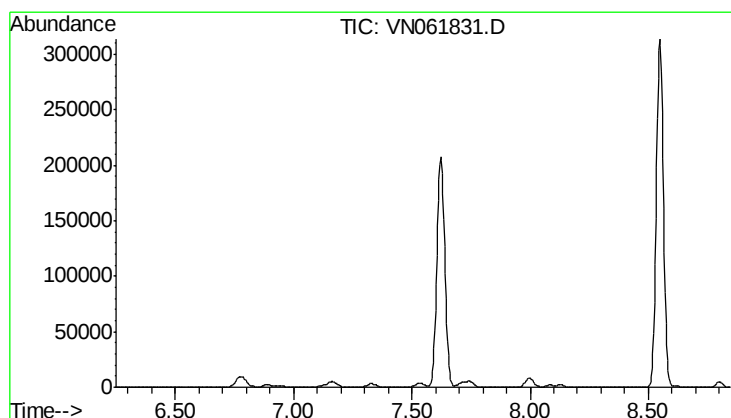
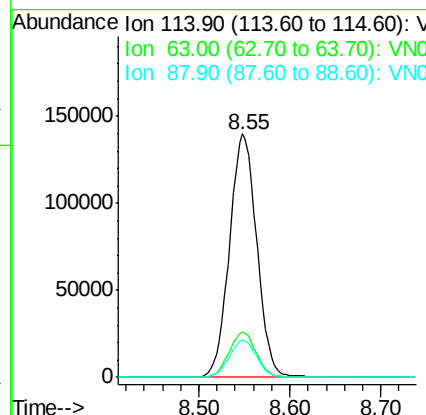
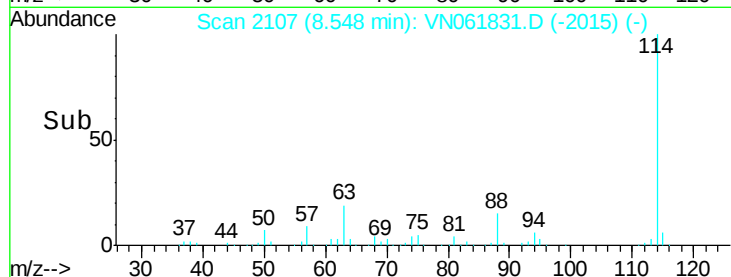
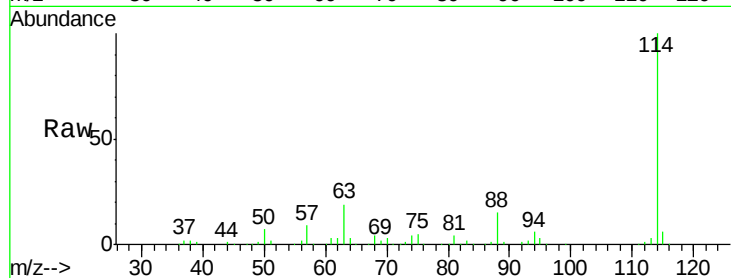
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061831.D
 Acq: 16 Jun 2020 17:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	18.6	0.0	37.6
88	15.4	0.0	31.0

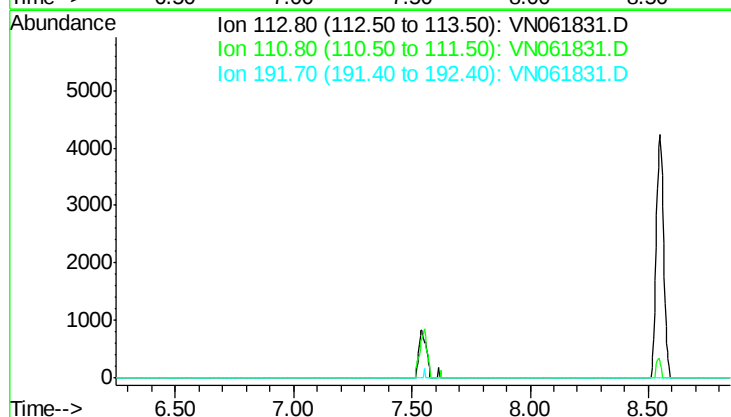
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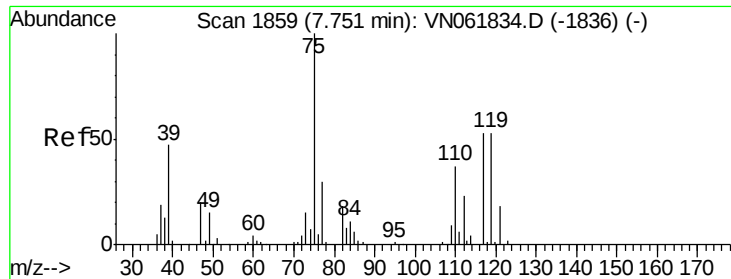
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#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.55 min
 Lab File: VN061831.D
 Acq: 16 Jun 2020 17:02

Tgt Ion	Exp Ratio
113	100
111	104.6
192	17.4





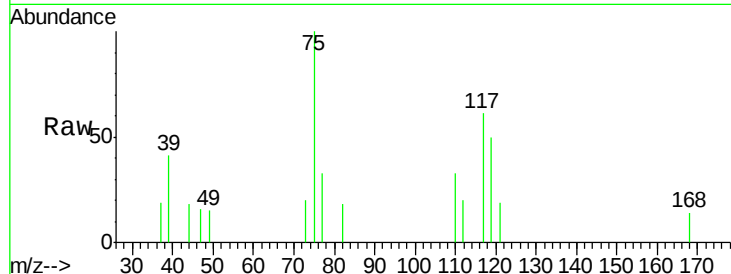
#36
 1,1-Dichloropropene
 Concen: 0.996 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN061831.D
 Acq: 16 Jun 2020 17:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

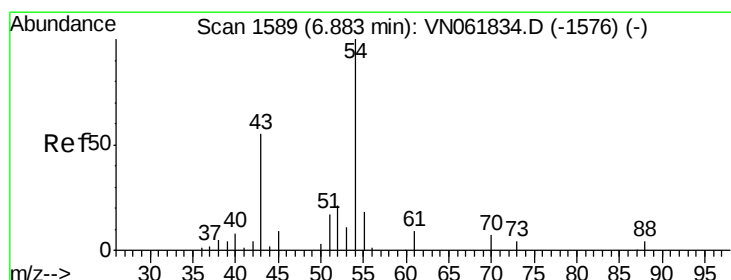
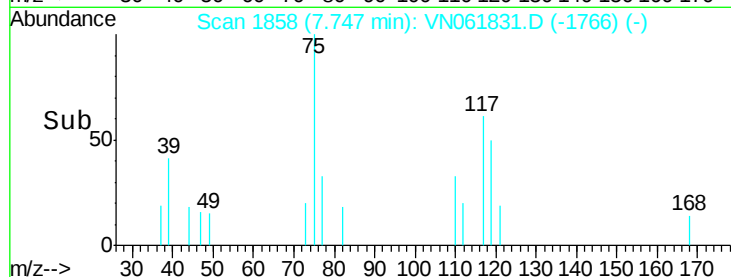
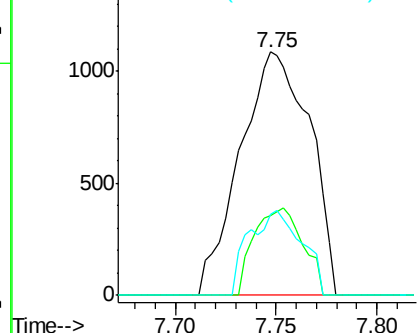
Tot Ion	Ratio	Lower	Upper
75	100		
110	25.2	18.2	54.6
77	26.6	24.2	36.4

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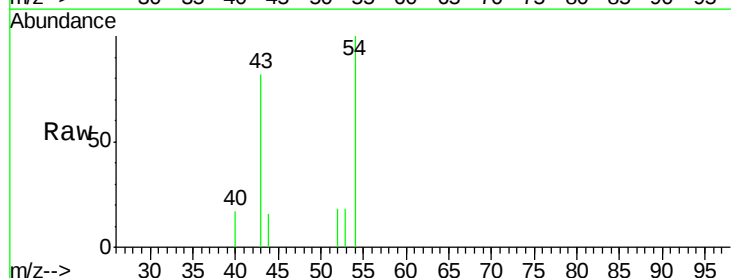


Abundance Ion 74.90 (74.60 to 75.60): VN061831.D (-1766) (-)
 Ion 109.90 (109.60 to 110.60): VN061831.D (-1766) (-)
 Ion 76.90 (76.60 to 77.60): VN061831.D (-1766) (-)

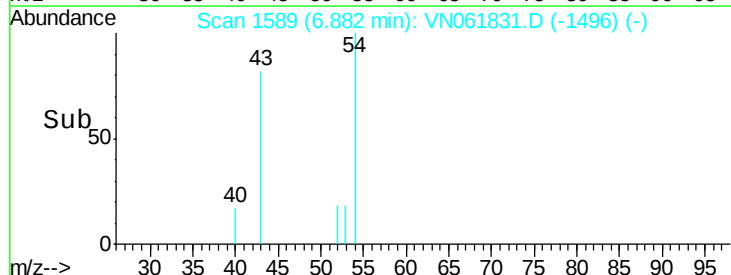
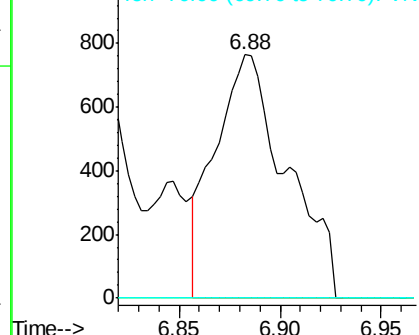


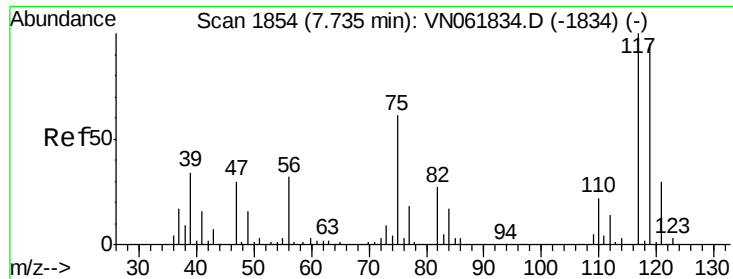
#37
 Ethyl Acetate
 Concen: 0.909 ug/l
 RT: 6.88 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: VN061831.D
 Acq: 16 Jun 2020 17:02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	13.0	19.4#
70	0.0	9.4	14.2#



Abundance Ion 43.00 (42.70 to 43.70): VN061831.D (-1496) (-)
 Ion 60.90 (60.60 to 61.60): VN061831.D (-1496) (-)
 Ion 70.00 (69.70 to 70.70): VN061831.D (-1496) (-)





#38

Carbon Tetrachloride

Concen: 0.991 ug/l m

RT: 7.74 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VN061831.D

Acq: 16 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 117 Resp: 2488

Ion Ratio Lower Upper

117 100

119 90.7 75.8 113.6

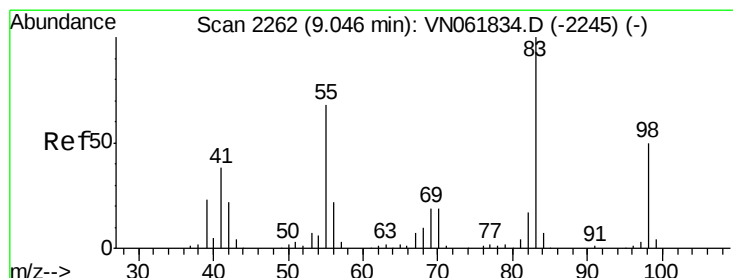
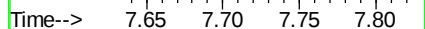
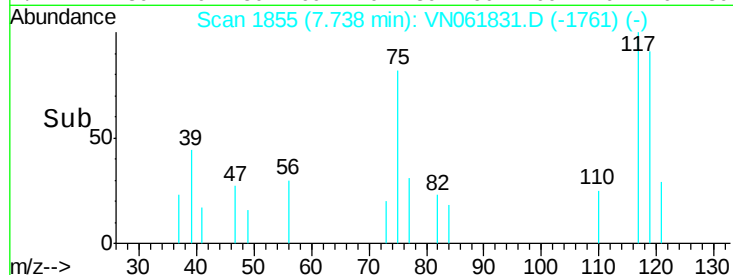
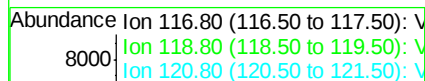
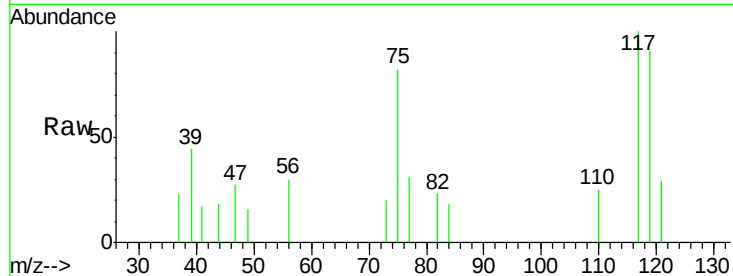
121 29.4 23.8 35.6

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#39

Methylcyclohexane

Concen: 0.783 ug/l

RT: 9.04 min Scan# 2261

Delta R.T. -0.00 min

Lab File: VN061831.D

Acq: 16 Jun 2020 17:02

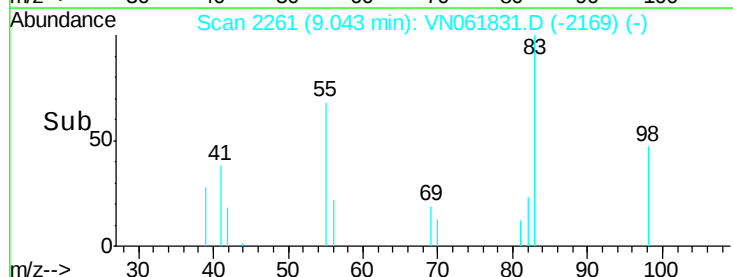
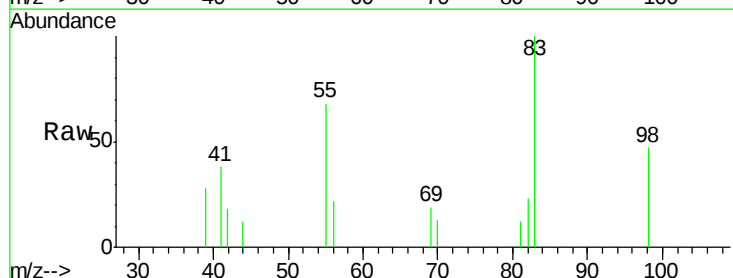
Tgt Ion: 83 Resp: 2476

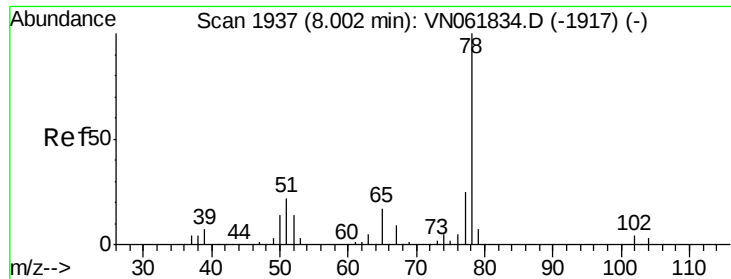
Ion Ratio Lower Upper

83 100

55 67.6 54.2 81.4

98 47.3 39.8 59.6





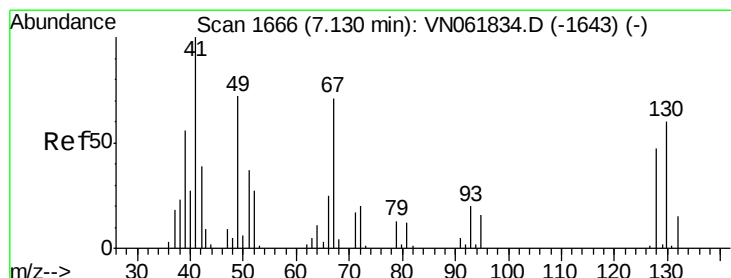
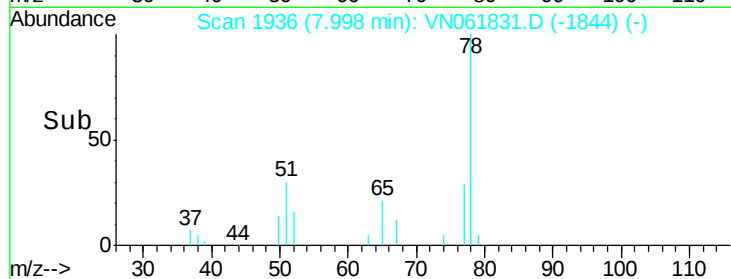
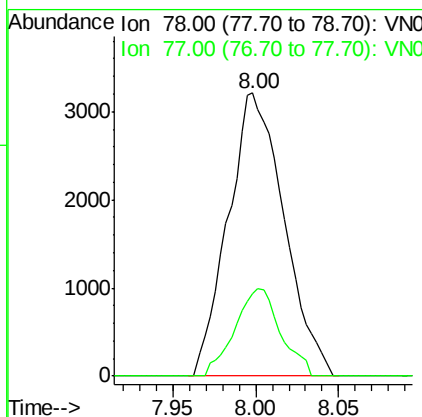
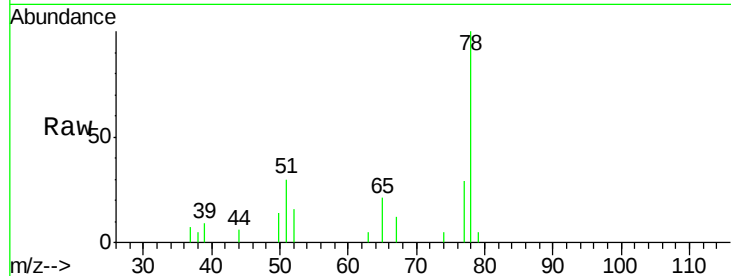
#40
Benzene
Concen: 0.939 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061831.D
Acq: 16 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 78 Resp: 7538
Ion Ratio Lower Upper
78 100
77 29.0 19.7 29.5

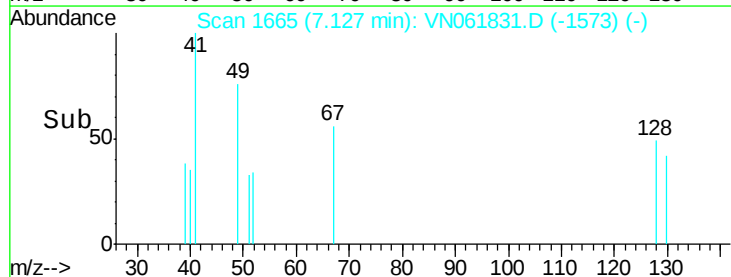
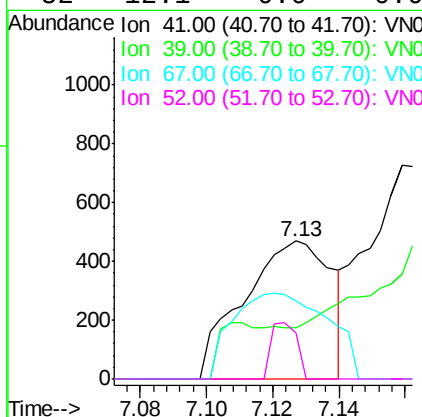
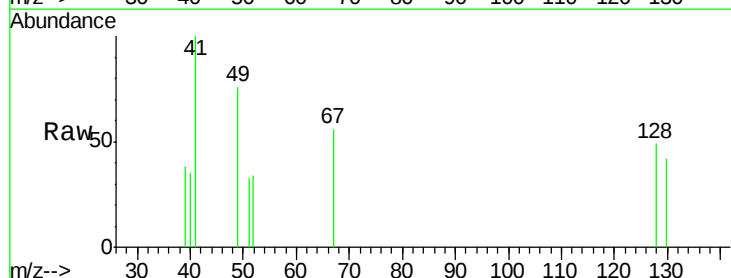
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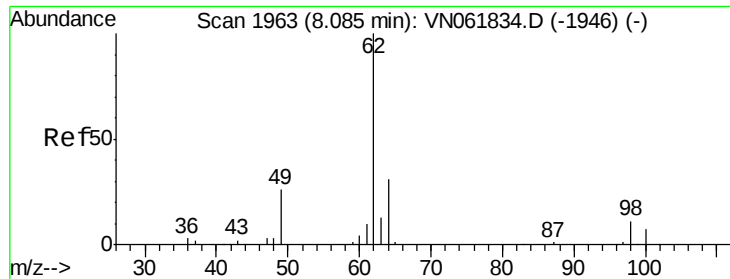
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#41
Methacrylonitrile
Concen: 0.907 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VN061831.D
Acq: 16 Jun 2020 17:02

Tgt Ion: 41 Resp: 863
Ion Ratio Lower Upper
41 100
39 20.0 0.0 0.0#
67 67.4 0.0 0.0#
52 12.1 0.0 0.0#





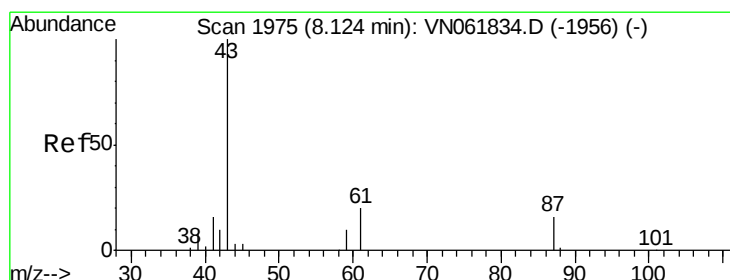
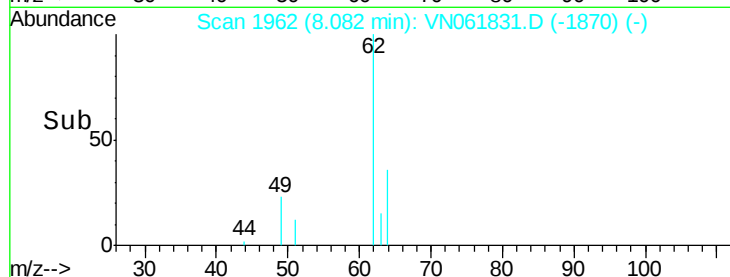
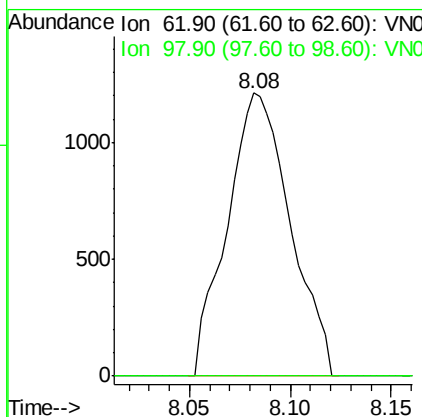
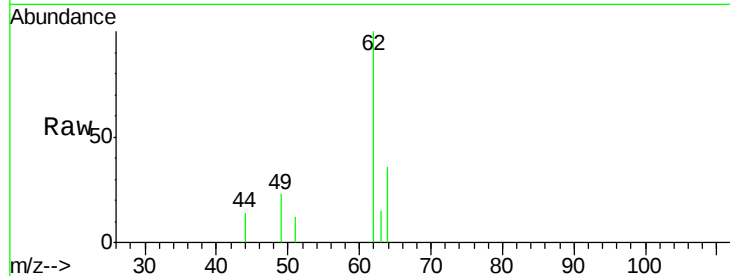
#42
 1,2-Dichloroethane
 Concen: 0.977 ug/l
 RT: 8.08 min Scan# 1962
 Delta R.T. -0.00 min
 Lab File: VN061831.D
 Acq: 16 Jun 2020 17:02

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	20.4

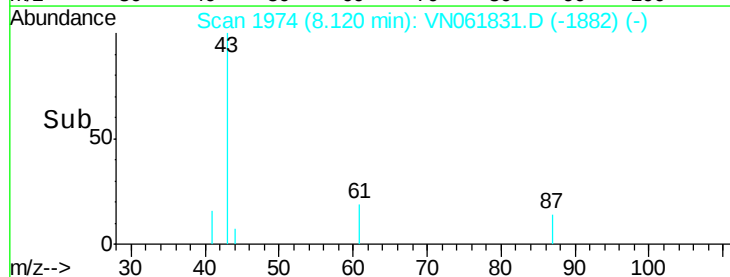
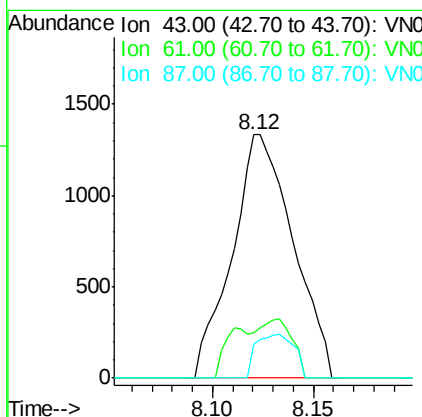
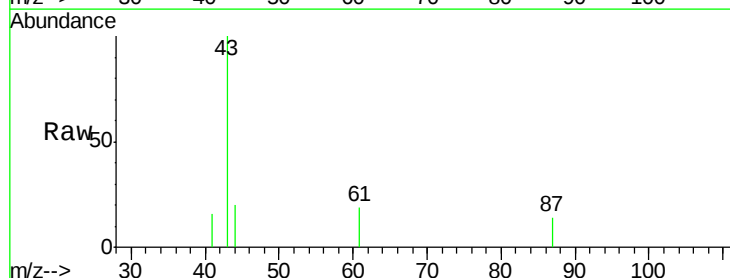
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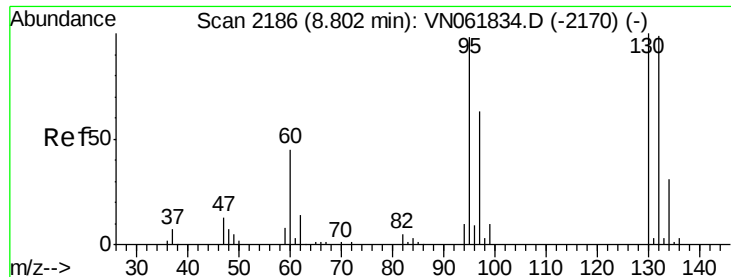
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#43
 Isopropyl Acetate
 Concen: 0.754 ug/l
 RT: 8.12 min Scan# 1974
 Delta R.T. -0.00 min
 Lab File: VN061831.D
 Acq: 16 Jun 2020 17:02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	8.0	24.0	36.0#
87	0.0	12.5	18.7#





#44

Trichloroethene

Concen: 0.845 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN061831.D

Acq: 16 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 2020

Ion Ratio Lower Upper

130 100

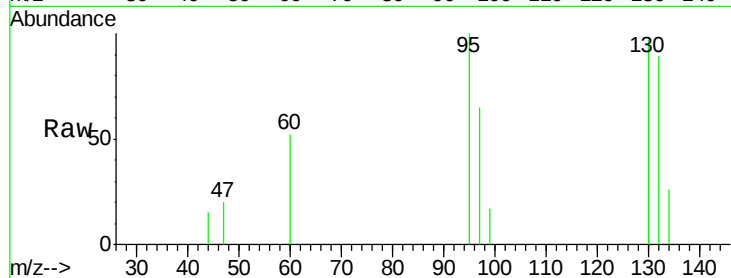
95 103.0 0.0 195.6

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.80

1000

800

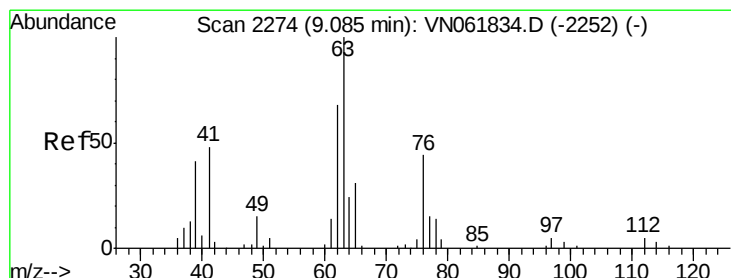
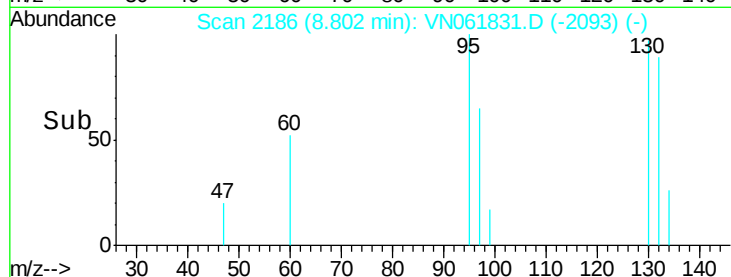
600

400

200

0

Time-->



#45

1,2-Dichloropropane

Concen: 0.893 ug/l

RT: 9.08 min Scan# 2272

Delta R.T. -0.01 min

Lab File: VN061831.D

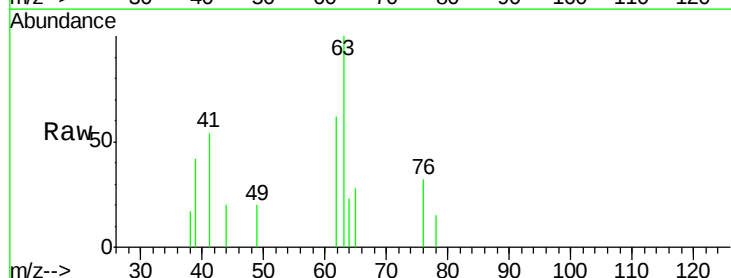
Acq: 16 Jun 2020 17:02

Tgt Ion: 63 Resp: 1713

Ion Ratio Lower Upper

63 100

65 28.2 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VN

Ion 64.90 (64.60 to 65.60): VN

9.08

1000

800

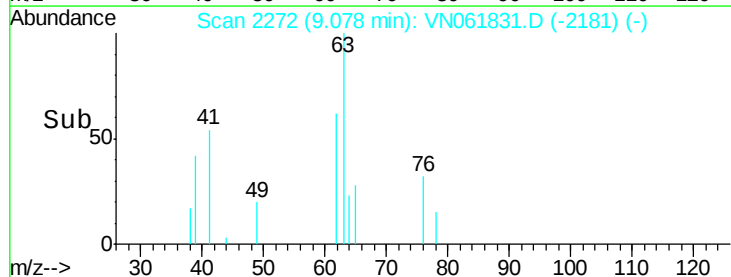
600

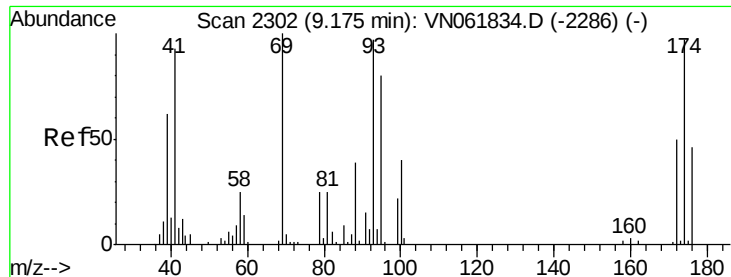
400

200

0

Time-->





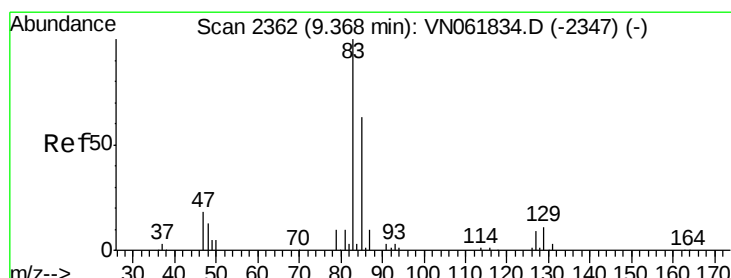
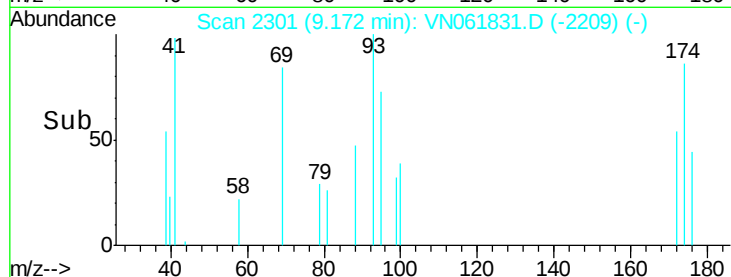
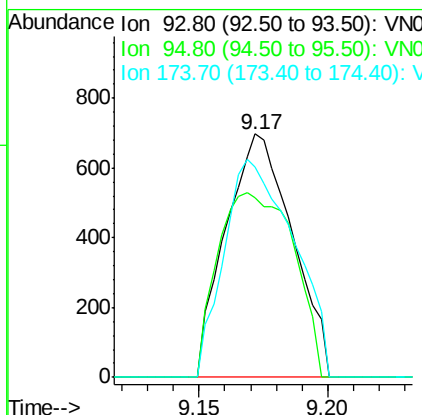
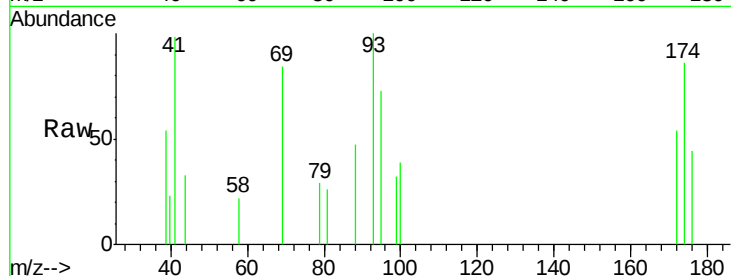
#46
Dibromomethane
Concen: 0.863 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. -0.00 min
Lab File: VN061831.D
Acq: 16 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
93	100		
95	86.7	65.8	98.6
174	93.6	78.5	117.7

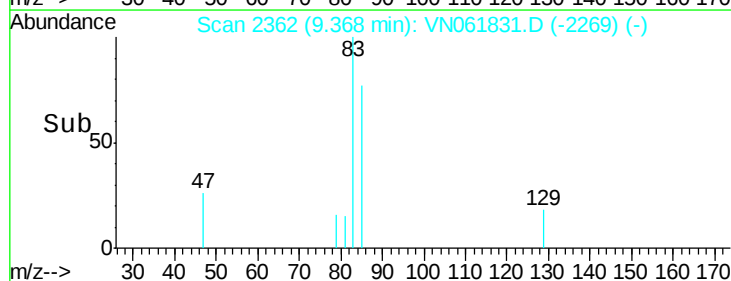
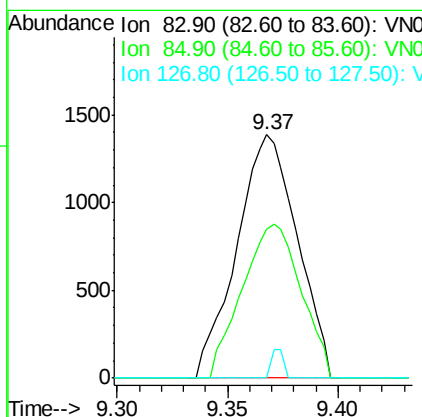
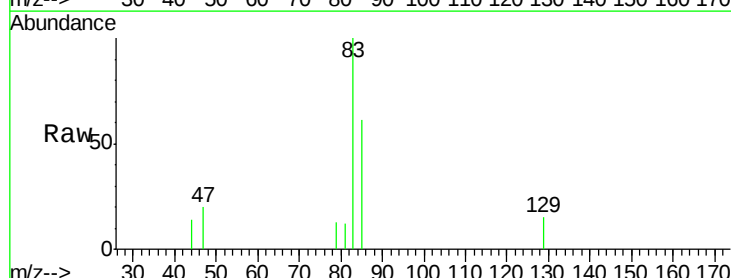
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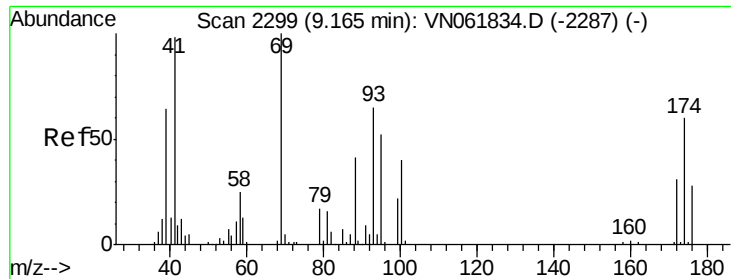
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#47
Bromodichloromethane
Concen: 0.915 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN061831.D
Acq: 16 Jun 2020 17:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.3	50.8	76.2
127	0.0	7.0	10.4





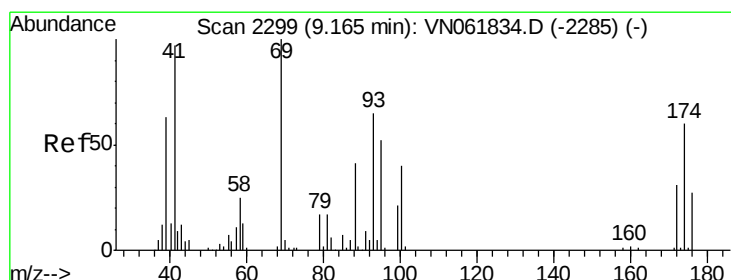
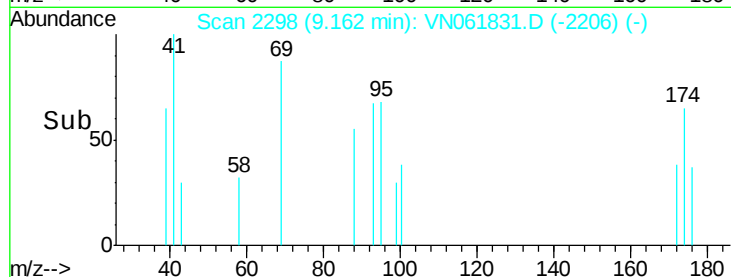
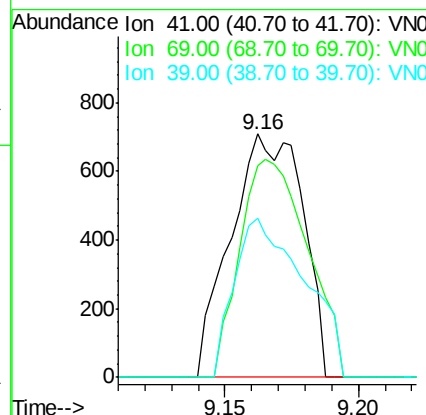
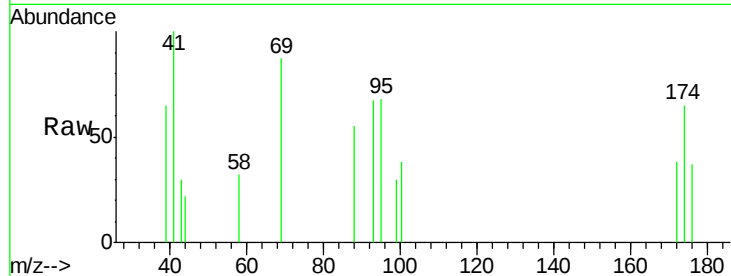
#48
Methvl methacrylate
Concen: 0.788 ug/l m
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN061831.D
Acq: 16 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	84.4	83.0	124.4
39	64.1	55.1	82.7

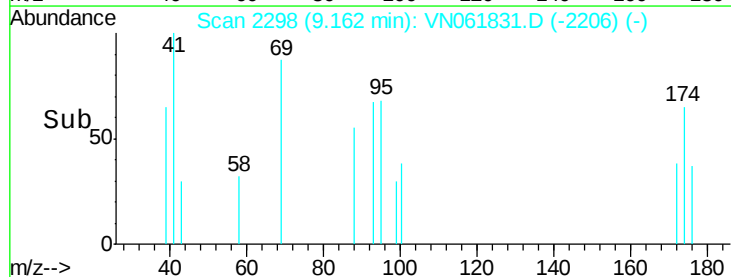
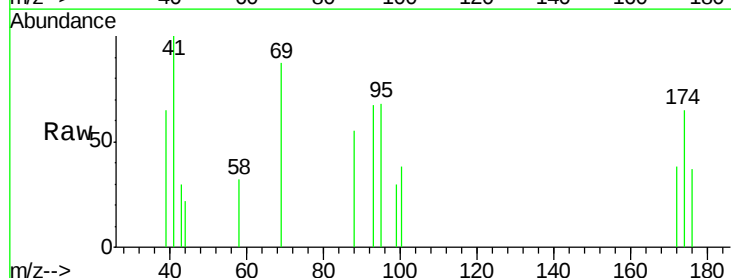
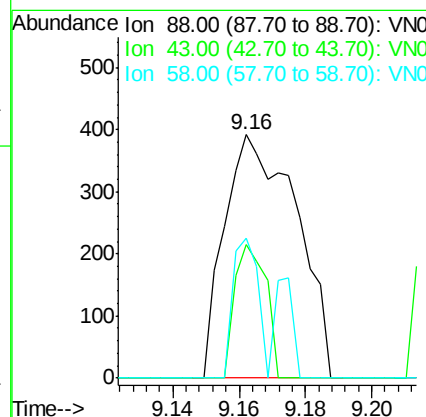
Manual Integrations
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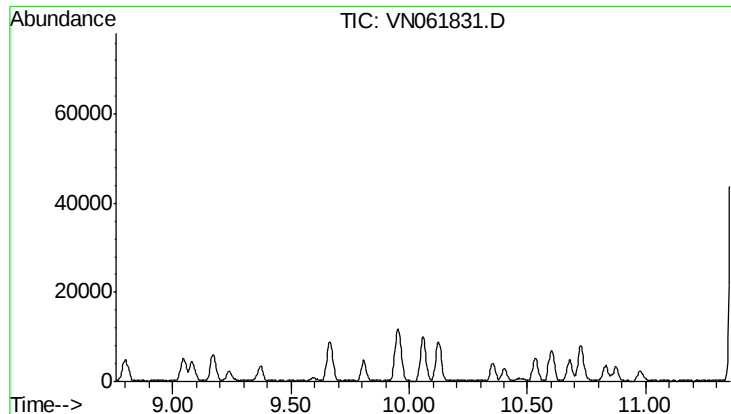
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#49
1,4-Dioxane
Concen: 20.918 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN061831.D
Acq: 16 Jun 2020 17:02

Tgt Ion	Ratio	Lower	Upper
88	100		
43	23.6	23.4	35.2
58	19.9	49.8	74.6#





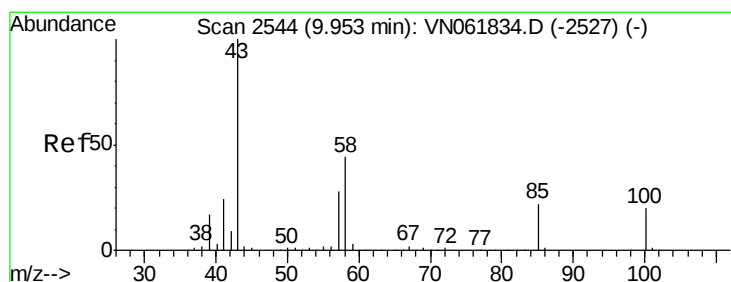
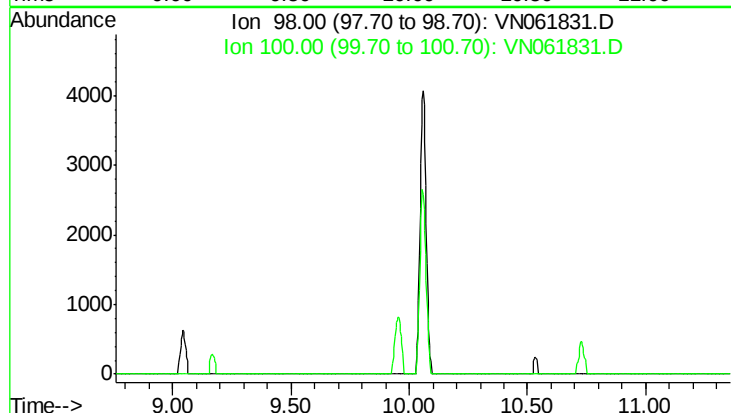
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.06 min
Lab File: VN061831.D
Acq: 16 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 65.9

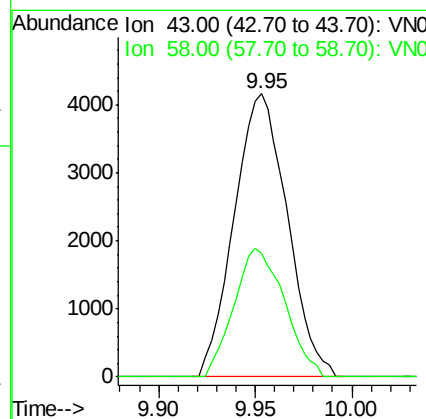
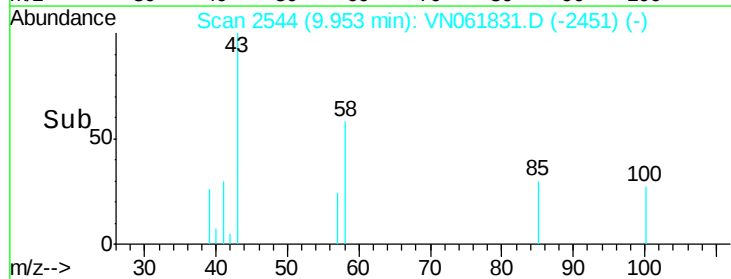
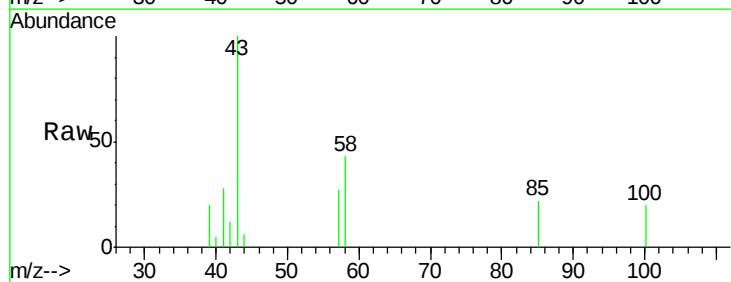
Manual Integrations
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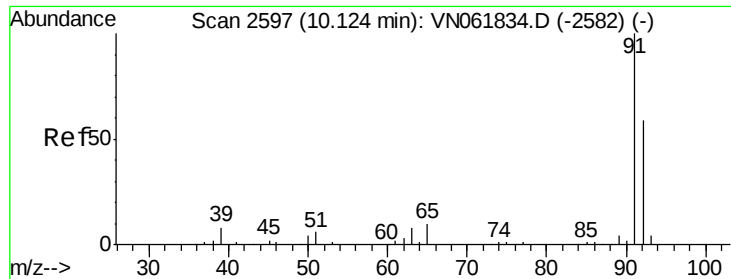
MMDadoda
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#51
4-Methyl-2-Pentanone
Concen: 3.765 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. -0.00 min
Lab File: VN061831.D
Acq: 16 Jun 2020 17:02

Tgt Ion: 43 Resp: 7941
Ion Ratio Lower Upper
43 100
58 43.2 34.6 52.0





#52

Toluene

Concen: 0.788 ug/l

RT: 10.12 min Scan# 2596

Delta R.T. -0.00 min

Lab File: VN061831.D

Acq: 16 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 4113

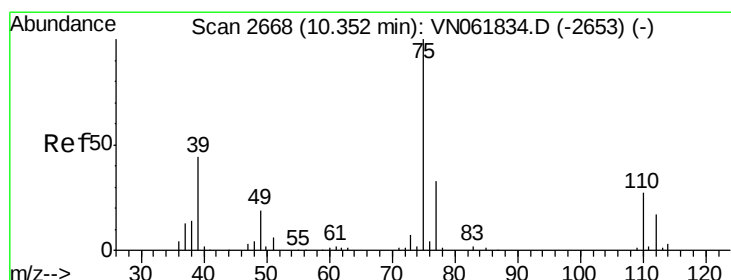
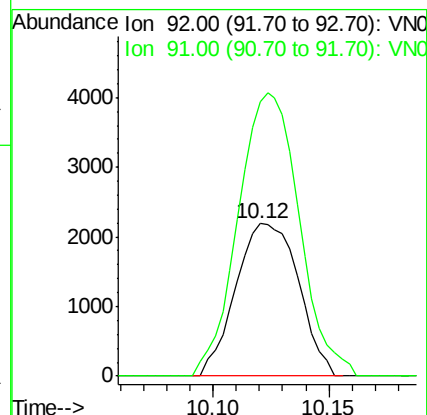
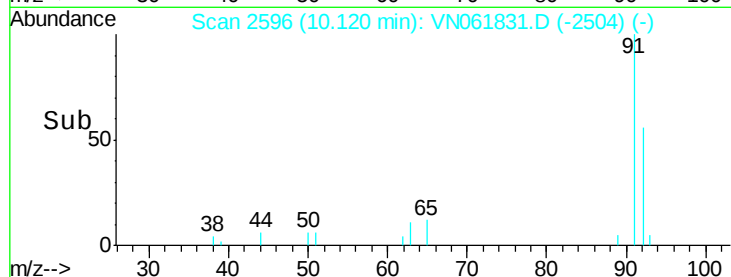
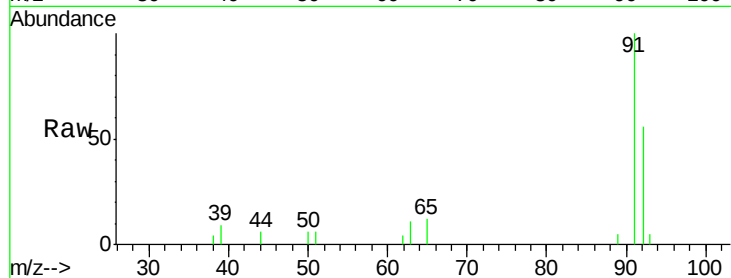
Ion Ratio Lower Upper

92 100

91 180.7 137.1 205.7

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#53

t-1,3-Dichloropropene

Concen: 0.783 ug/l

RT: 10.36 min Scan# 2670

Delta R.T. 0.01 min

Lab File: VN061831.D

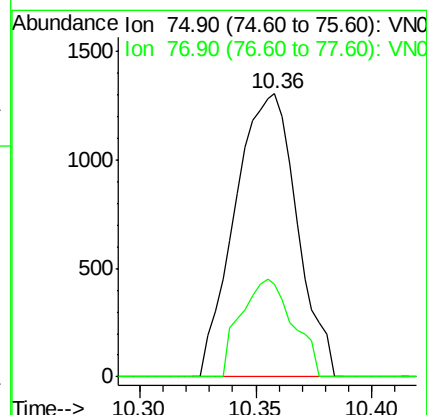
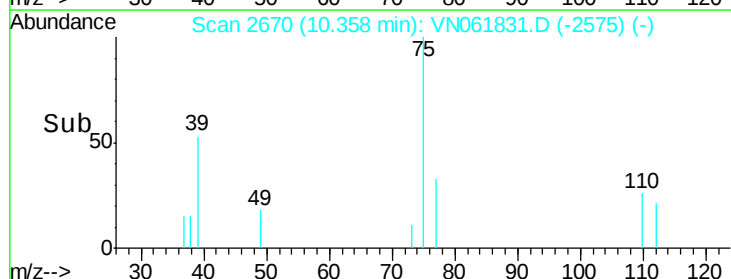
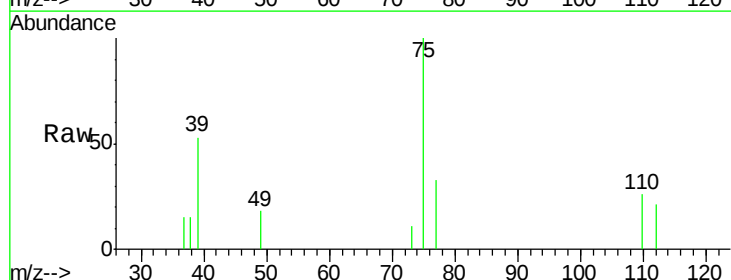
Acq: 16 Jun 2020 17:02

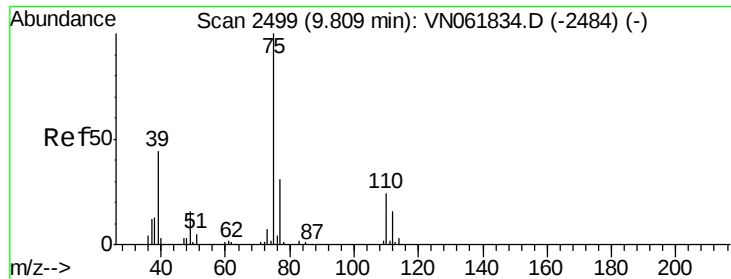
Tgt Ion: 75 Resp: 2427

Ion Ratio Lower Upper

75 100

77 32.8 26.3 39.5





#54

cis-1,3-Dichloropropene

Concen: 0.836 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN061831.D

Acq: 16 Jun 2020 17:02

Instrument :

MSVOA_N

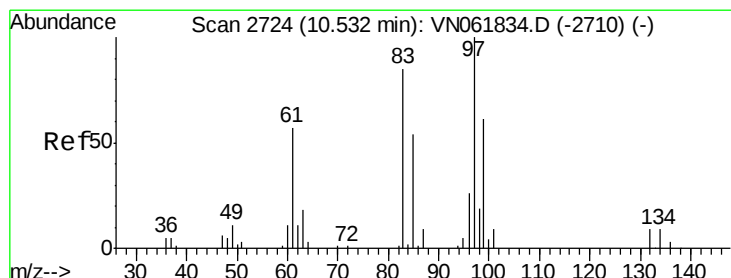
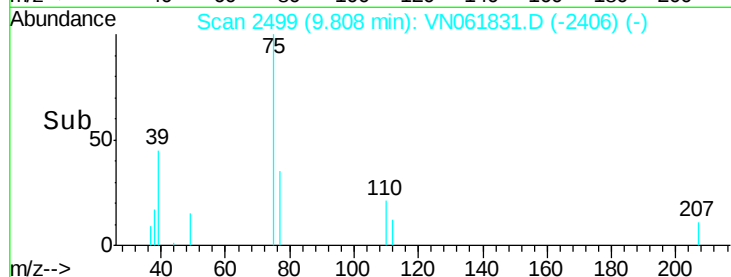
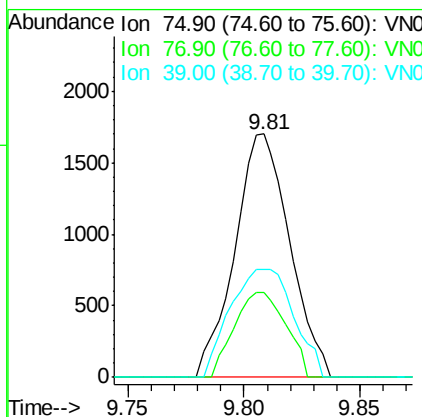
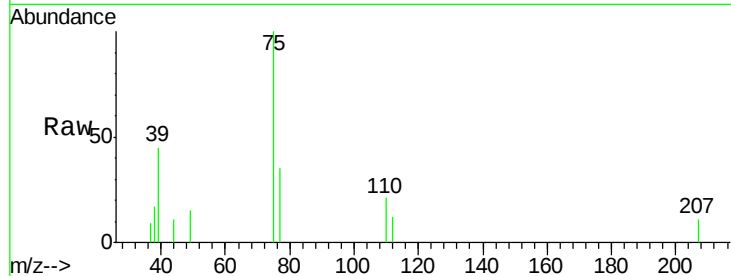
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	2798
Ion	Ratio	Lower	Upper
75	100		
77	34.7	24.8	37.2
39	44.5	35.4	53.0

Manual Integrations
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#55

1,1,2-Trichloroethane

Concen: 0.804 ug/l

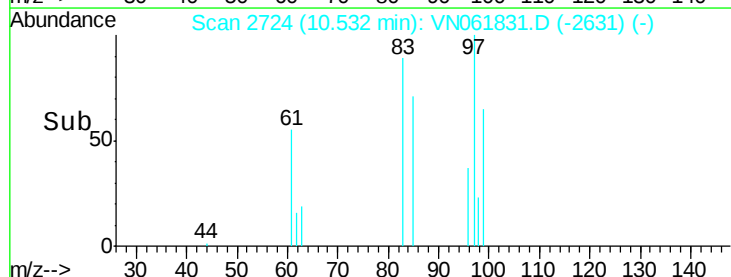
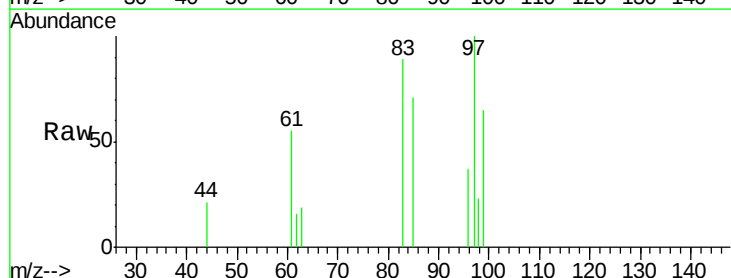
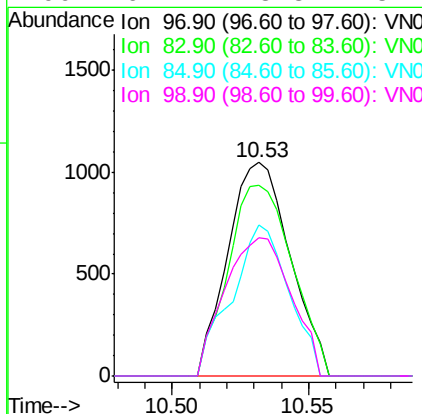
RT: 10.53 min Scan# 2724

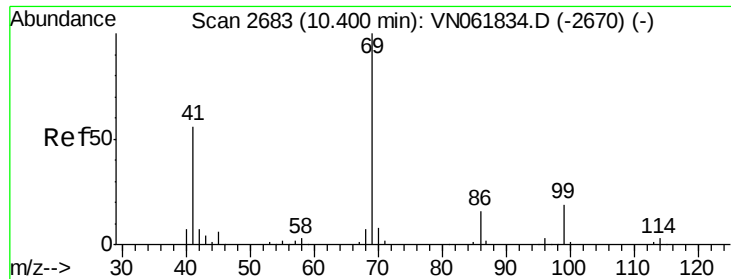
Delta R.T. -0.00 min

Lab File: VN061831.D

Acq: 16 Jun 2020 17:02

Tgt Ion:	97	Resp:	1668
Ion	Ratio	Lower	Upper
97	100		
83	89.2	67.7	101.5
85	70.8	43.4	65.0#
99	64.7	48.8	73.2





#56

Ethyl methacrylate

Concen: 0.651 ug/l

RT: 10.41 min Scan# 2685

Delta R.T. 0.01 min

Lab File: VN061831.D

Acq: 16 Jun 2020 17:02

Instrument :

MSVOA_N

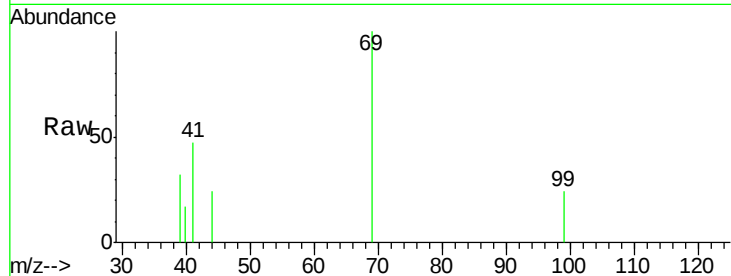
ClientSampled :

VSTDIC001

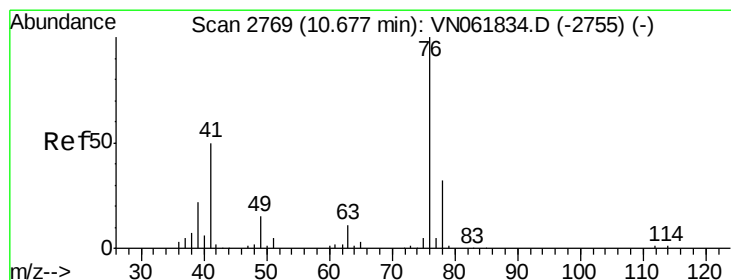
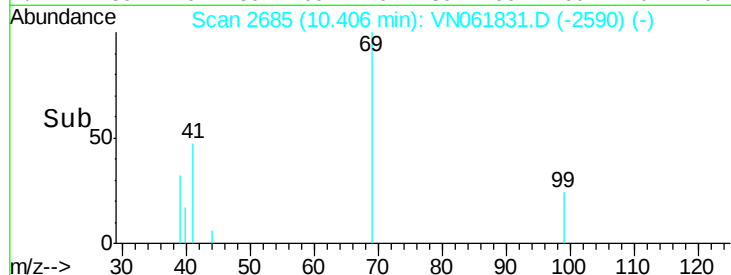
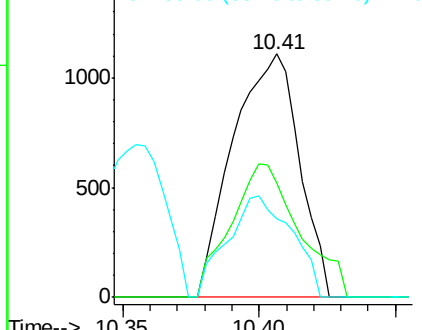
Tot Ion:	69	Resp:	1871
Ion	Ratio	Lower	Upper
69	100		
41	56.5	44.9	67.3
39	40.6	30.0	45.0

Manual Integrations
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Abundance Ion 69.00 (68.70 to 69.70): VN061831.D (-2670) (-)



#57

1,3-Dichloropropane

Concen: 0.864 ug/l

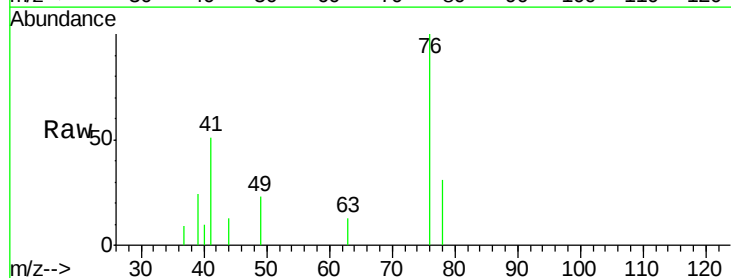
RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

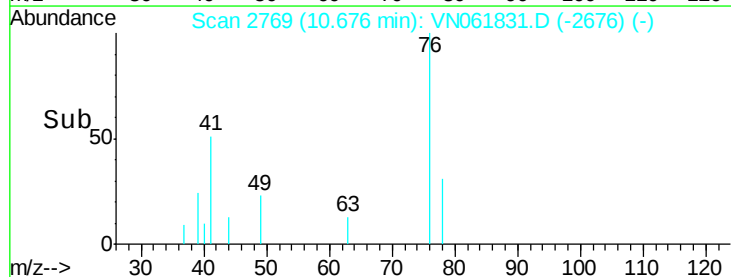
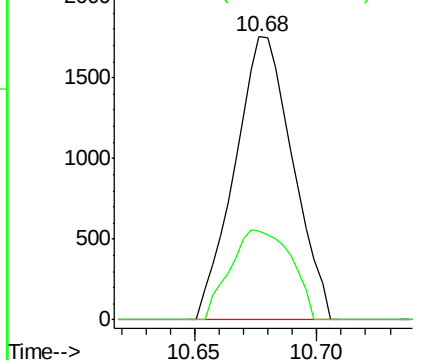
Lab File: VN061831.D

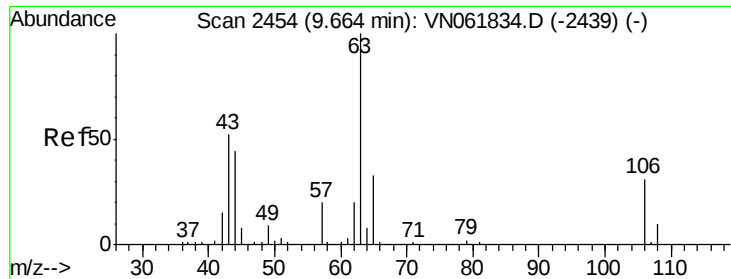
Acq: 16 Jun 2020 17:02

Tgt Ion:	76	Resp:	2886
Ion	Ratio	Lower	Upper
76	100		
78	33.7	25.8	38.8



Abundance Ion 75.90 (75.60 to 76.60): VN061831.D (-2755) (-)





#58

2-Chloroethyl Vinyl ether

Concen: 3.620 ug/l

RT: 9.67 min Scan# 2455

Delta R.T. 0.00 min

Lab File: VN061831.D

Acq: 16 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 63 Resp: 4377

Ion Ratio Lower Upper

63 100

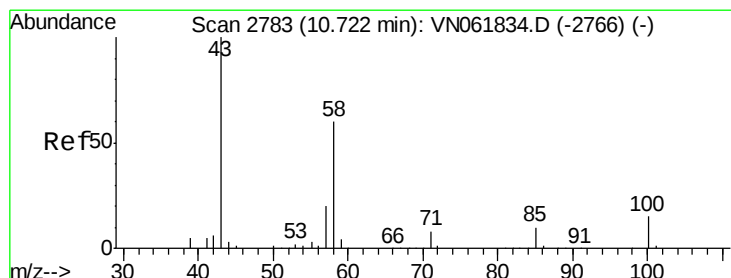
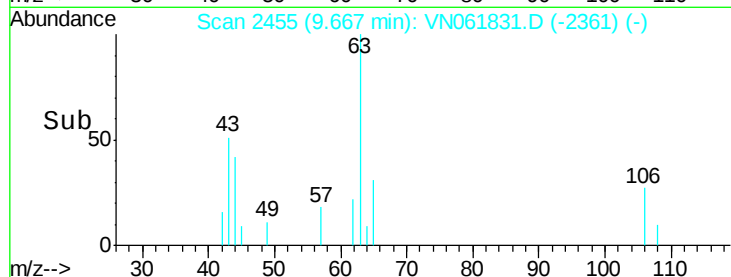
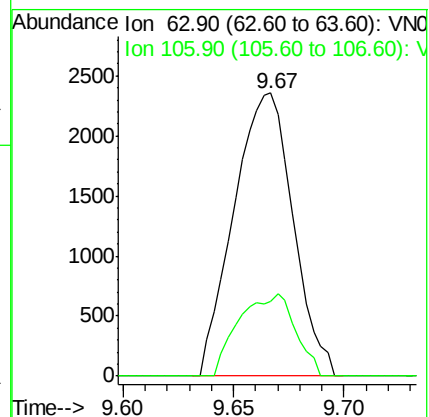
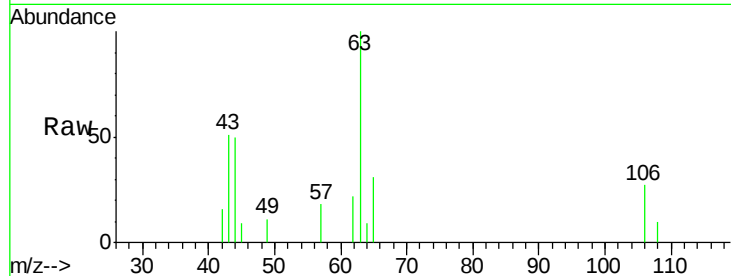
106 27.8 24.6 36.8

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#59

2-Hexanone

Concen: 3.619 ug/l

RT: 10.72 min Scan# 2784

Delta R.T. 0.00 min

Lab File: VN061831.D

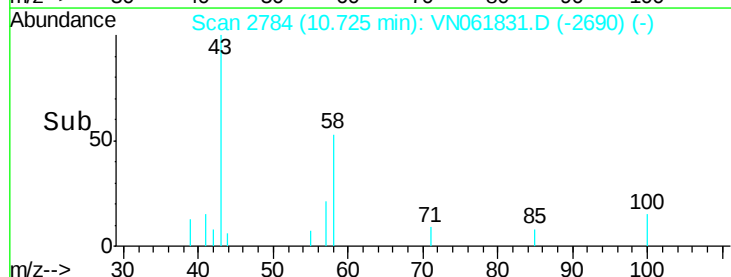
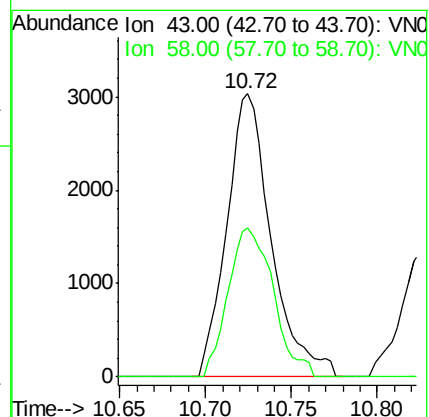
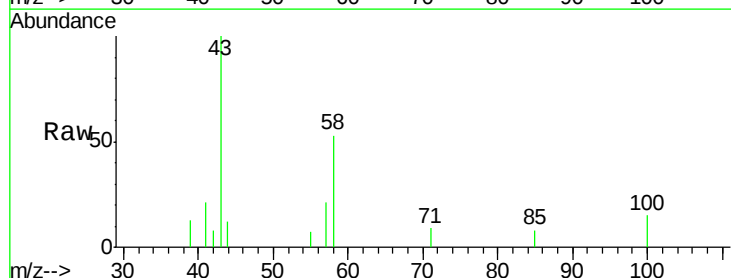
Acq: 16 Jun 2020 17:02

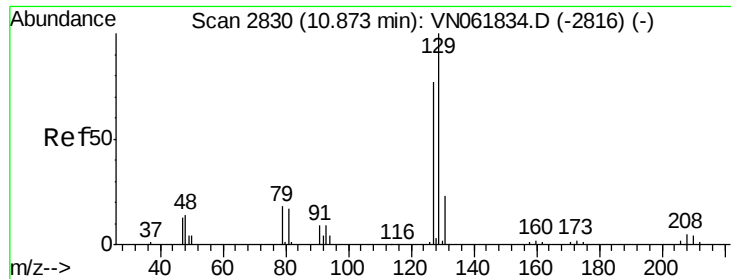
Tgt Ion: 43 Resp: 5483

Ion Ratio Lower Upper

43 100

58 53.3 30.1 90.5





#60

Dibromochloromethane

Concen: 0.821 ug/l

RT: 10.87 min Scan# 2830

Delta R.T. -0.00 min

Lab File: VN061831.D

Acq: 16 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 1916

Ion Ratio Lower Upper

129 100

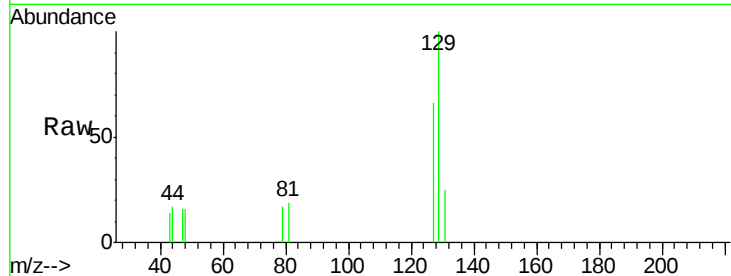
127 71.5 38.5 115.5

Manual Integrations

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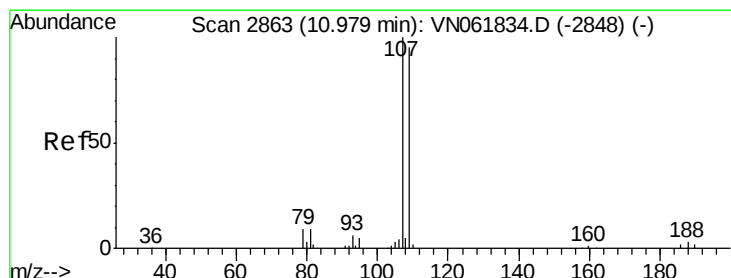
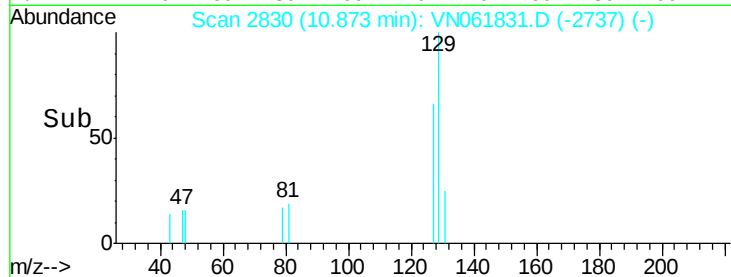
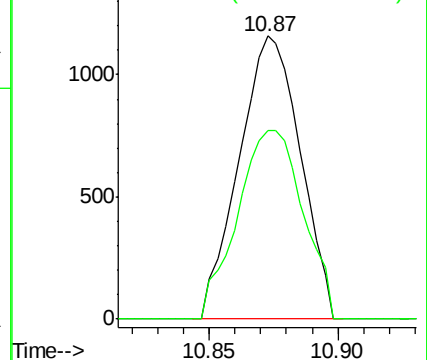
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 0.823 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN061831.D

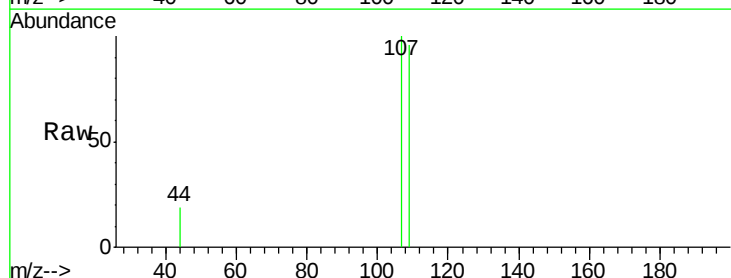
Acq: 16 Jun 2020 17:02

Tgt Ion:107 Resp: 1773

Ion Ratio Lower Upper

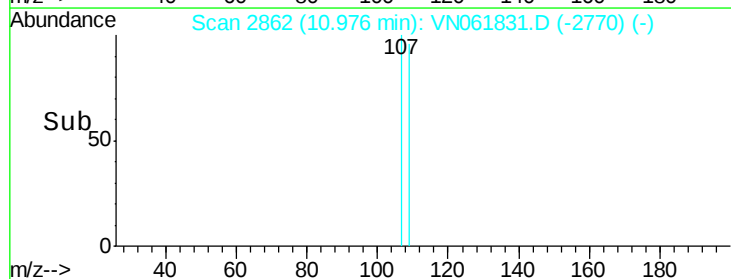
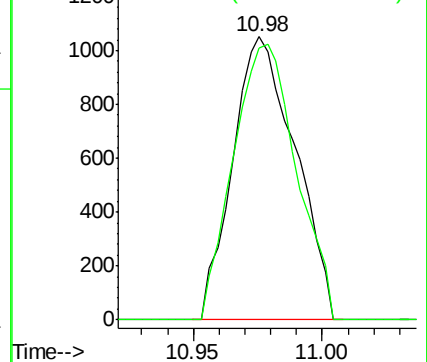
107 100

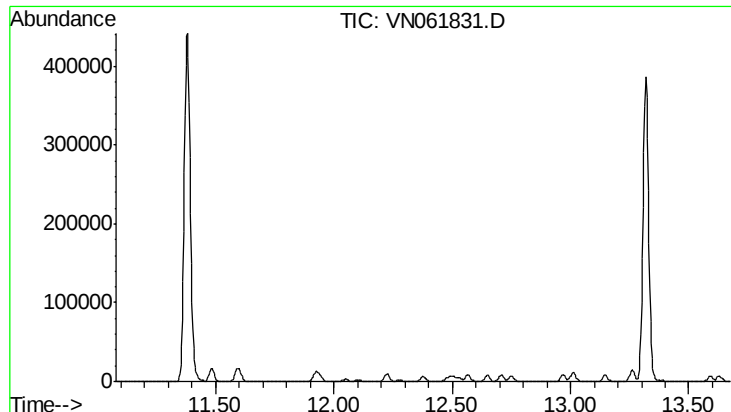
109 98.3 75.0 112.6



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: VN061831.D

Acq: 16 Jun 2020 17:02

Tot Ion: 95

Sig Exp Ratio

95 100

174 79.3

176 76.0

Instrument :

MSVOA_N

ClientSampleId :

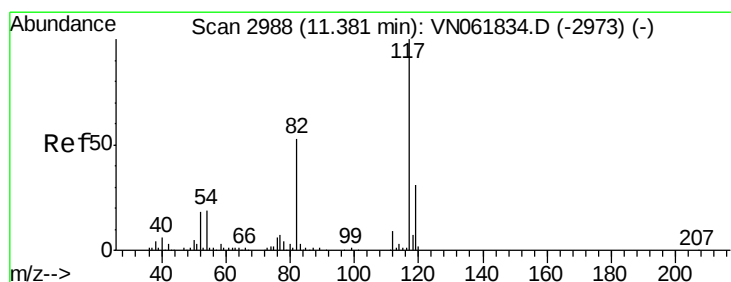
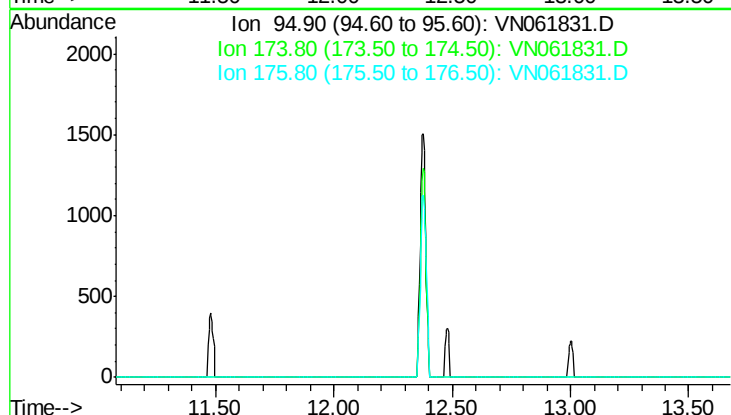
VSTDIC001

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN061831.D

Acq: 16 Jun 2020 17:02

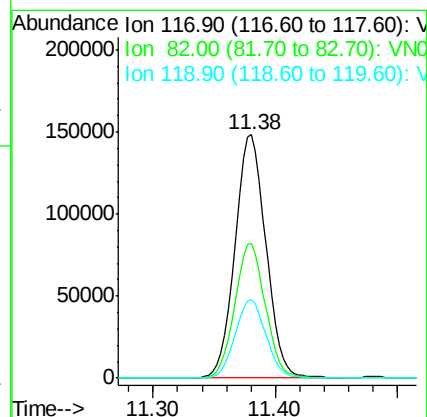
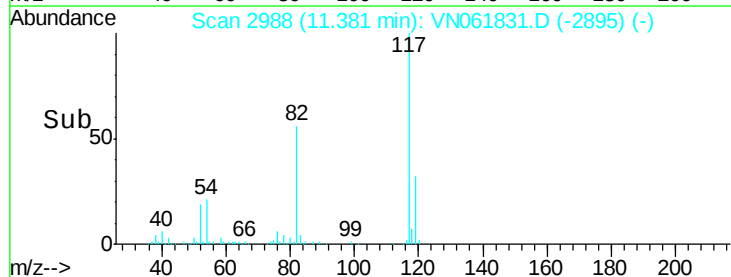
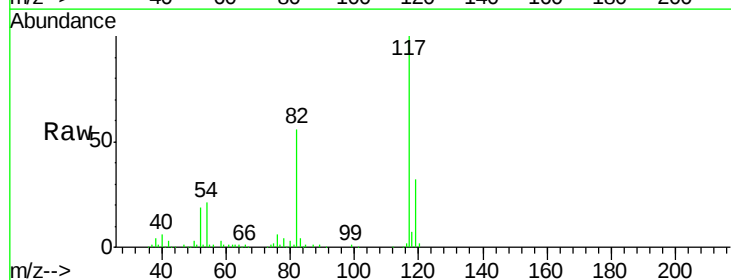
Tgt Ion:117 Resp: 261414

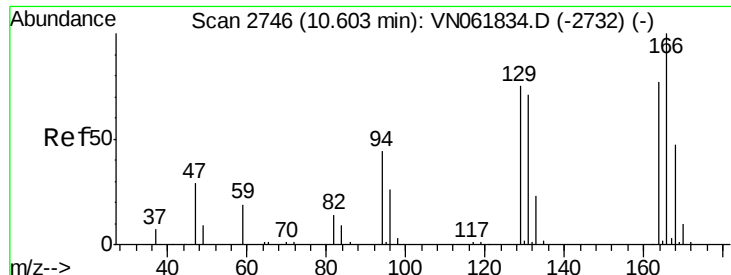
Ion Ratio Lower Upper

117 100

82 55.5 42.6 64.0

119 32.5 24.7 37.1





#64

Tetrachloroethene

Concen: 0.643 ug/l

RT: 10.60 min Scan# 2745

Delta R.T. -0.00 min

Lab File: VN061831.D

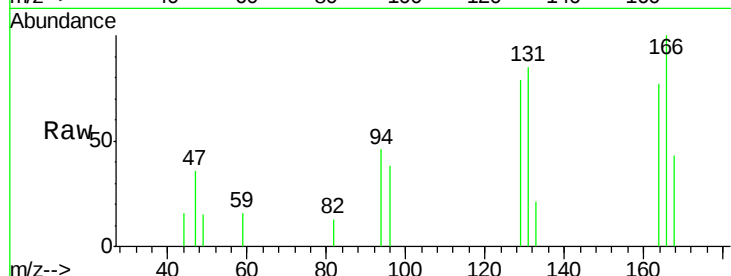
Acq: 16 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001



Tot Ion:164 Resp: 1504

Ion Ratio Lower Upper

164 100

166 130.6 103.5 155.3

129 102.7 77.5 116.3

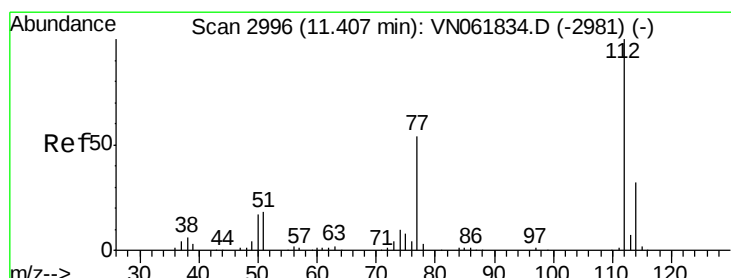
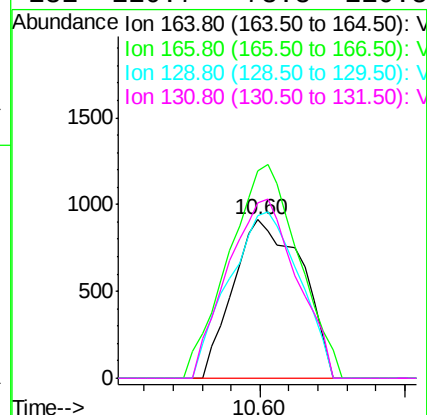
131 110.7 73.8 110.8

Manual Integrations

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#65

Chlorobenzene

Concen: 1.054 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN061831.D

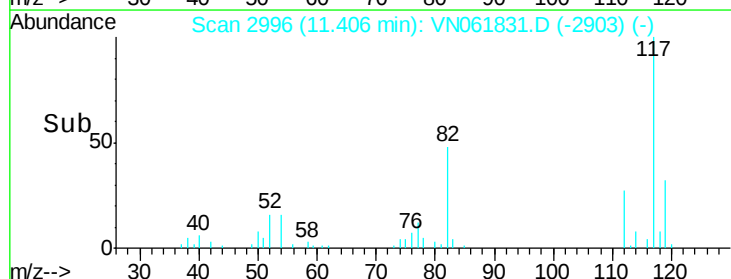
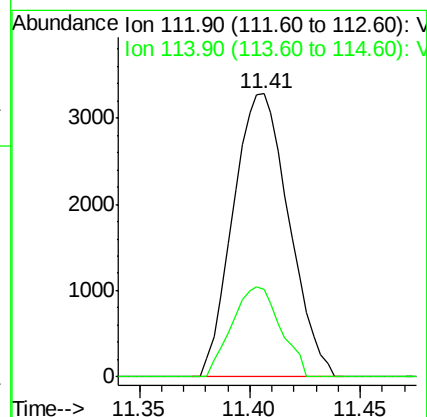
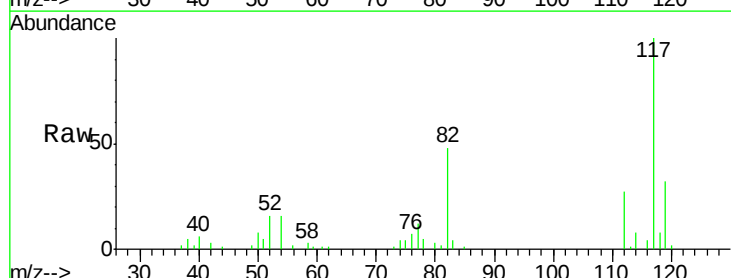
Acq: 16 Jun 2020 17:02

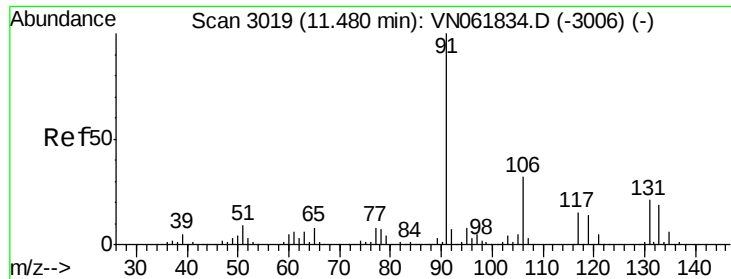
Tgt Ion:112 Resp: 5746

Ion Ratio Lower Upper

112 100

114 31.1 25.8 38.6





#66

1,1,1,2-Tetrachloroethane

Concen: 0.841 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN061831.D

Acq: 16 Jun 2020 17:02

Instrument :

MSVOA_N

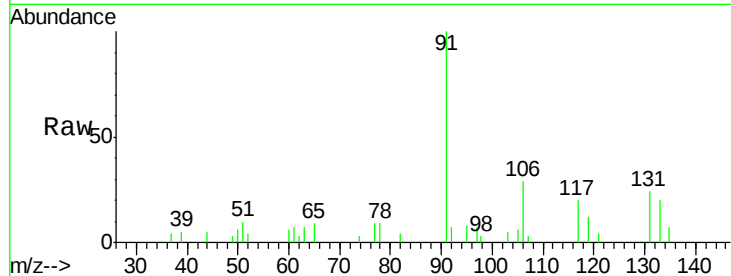
ClientSampled :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	97.7	47.5	142.5
119	0.0	34.0	101.8#

Manual Integrations
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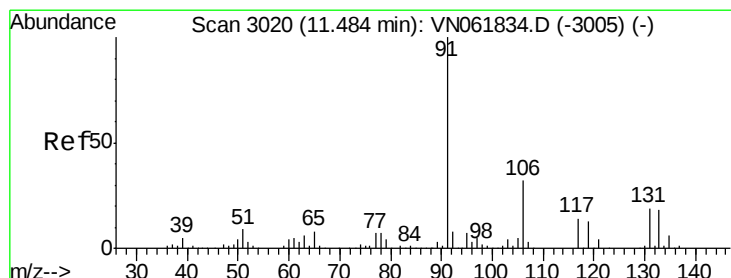
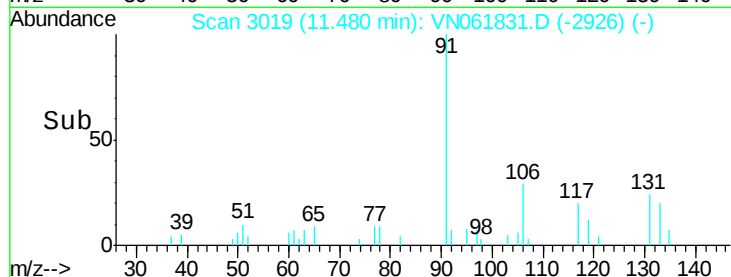
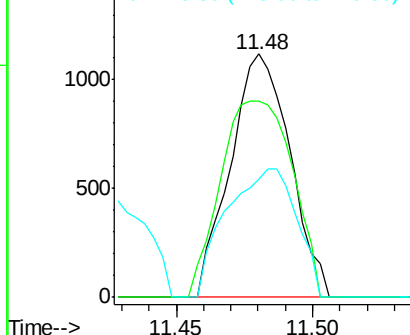
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Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 0.881 ug/l

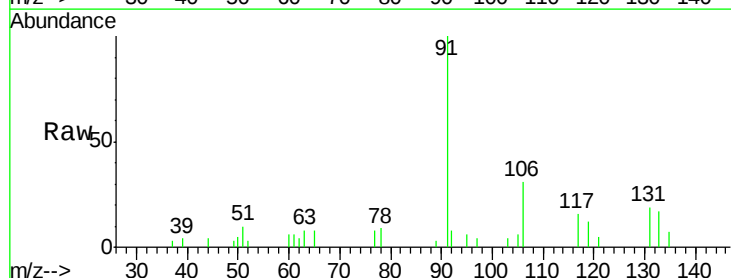
RT: 11.49 min Scan# 3021

Delta R.T. 0.00 min

Lab File: VN061831.D

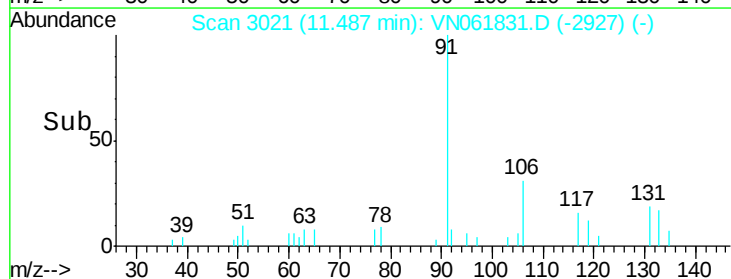
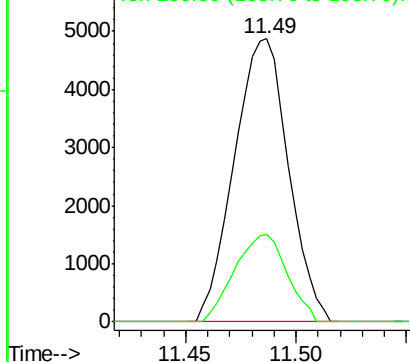
Acq: 16 Jun 2020 17:02

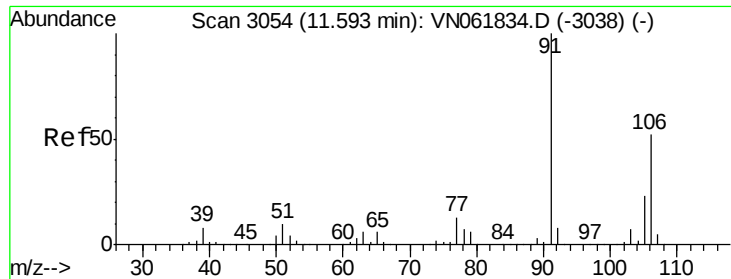
Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.1	25.4	38.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





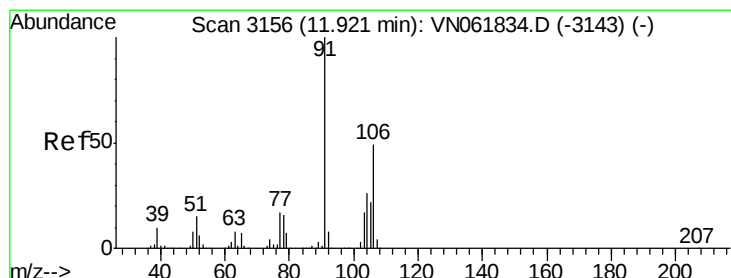
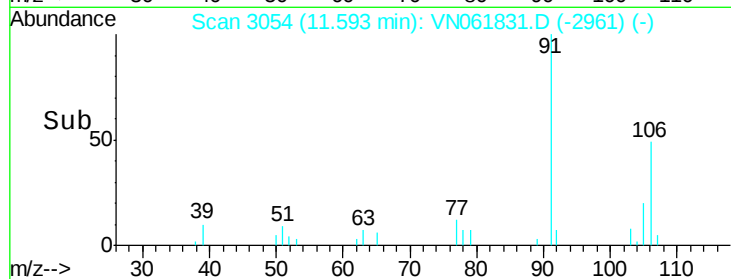
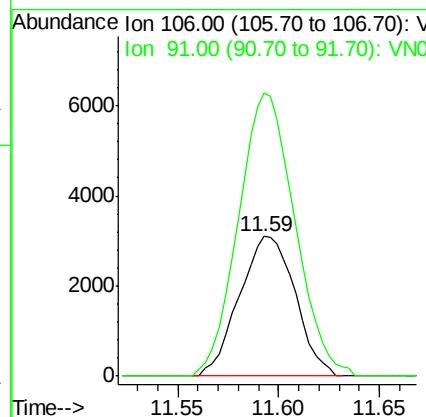
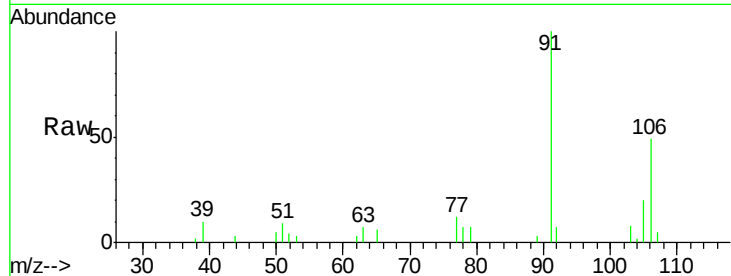
#68
m/p-Xylenes
Concen: 1.609 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061831.D
Acq: 16 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 6001
Ion Ratio Lower Upper
106 100
91 204.4 157.0 235.6

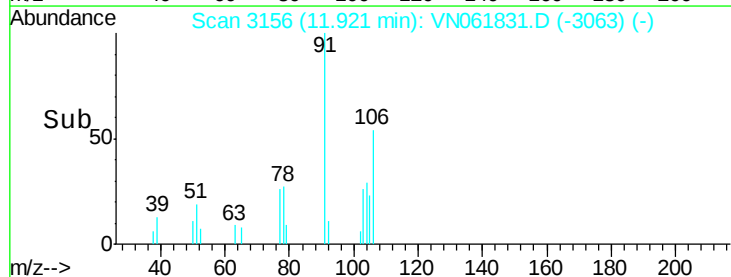
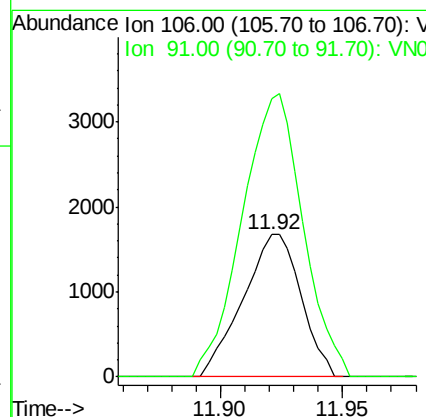
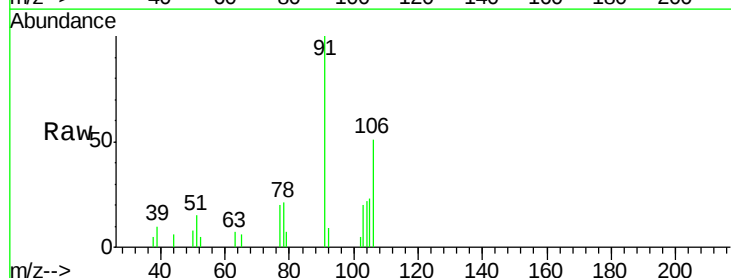
Manual Integrations
APPROVED

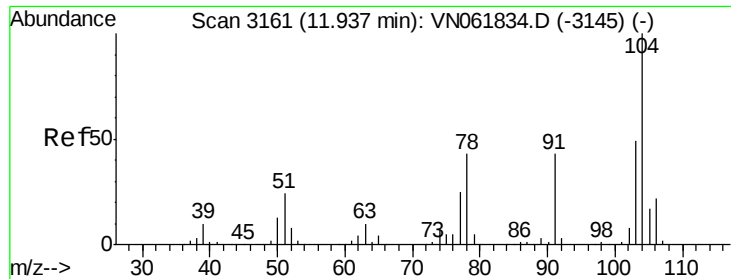
MMDadoda
6/17/2020 3:44:49 PM



#69
o-Xylene
Concen: 0.779 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061831.D
Acq: 16 Jun 2020 17:02

Tgt Ion:106 Resp: 2763
Ion Ratio Lower Upper
106 100
91 208.7 103.0 308.9





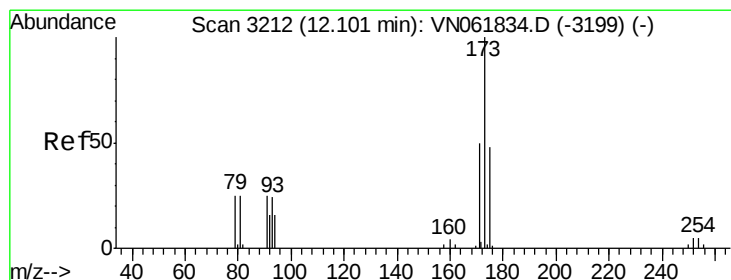
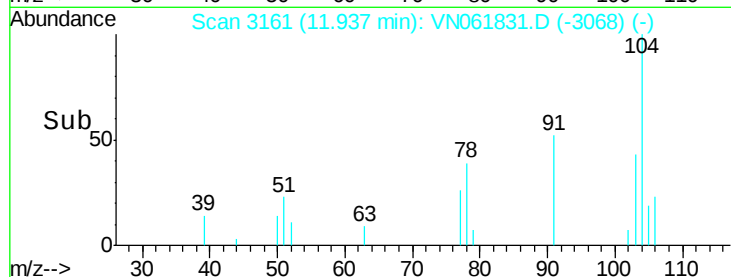
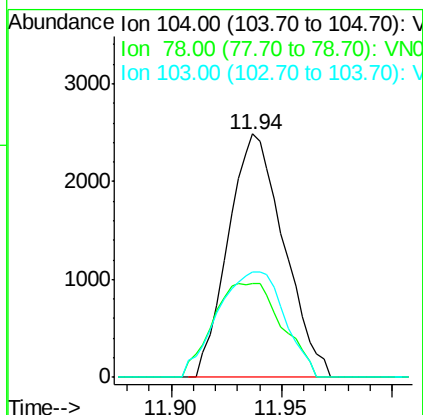
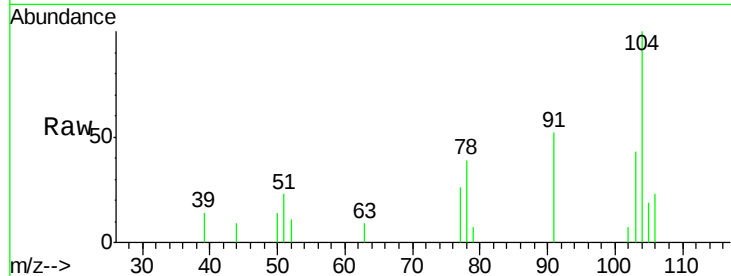
#70
Stvrene
Concen: 0.739 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061831.D
Acq: 16 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.0	37.6	56.4
103	52.0	43.0	64.4

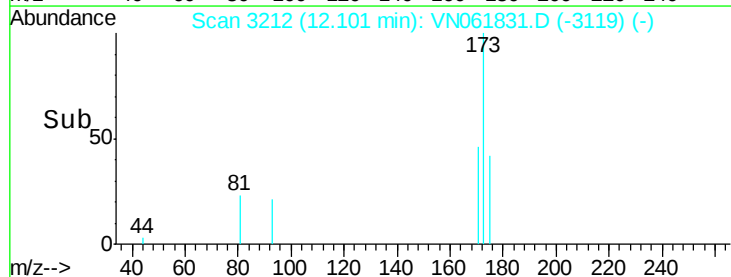
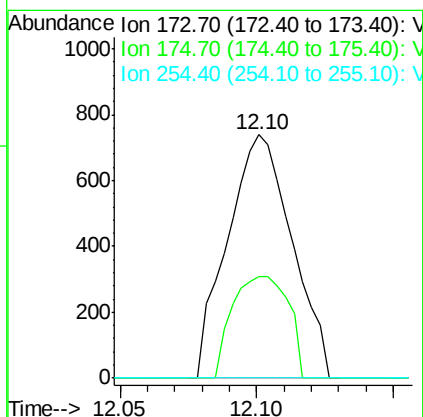
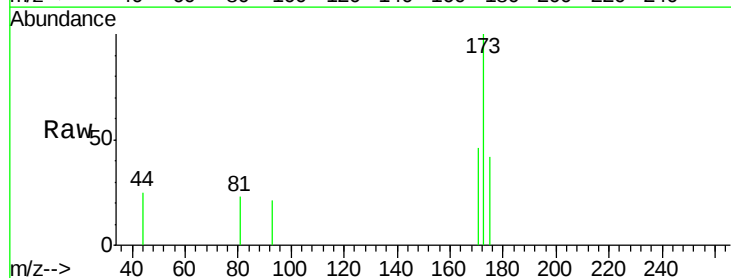
Manual Integrations
APPROVED

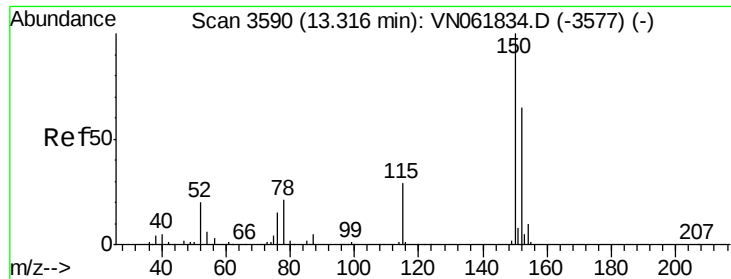
MMDadoda
6/17/2020 3:44:49 PM



#71
Bromoform
Concen: 0.786 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN061831.D
Acq: 16 Jun 2020 17:02

Tgt Ion	Ratio	Lower	Upper
173	100		
175	36.4	23.9	71.7
254	0.0	0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061831.D

Acq: 16 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:152 Resp: 106645

Ion Ratio Lower Upper

152 100

115 58.2 29.1 87.3

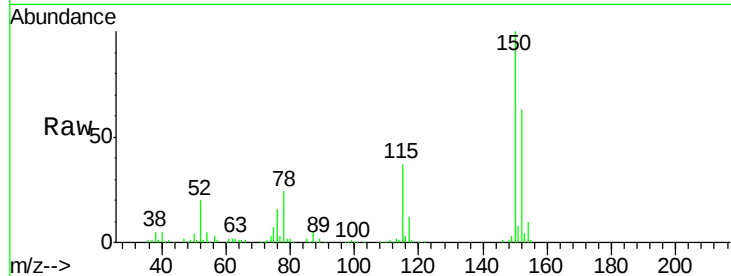
150 160.0 0.0 347.6

Manual Integrations

APPROVED

MMDadoda

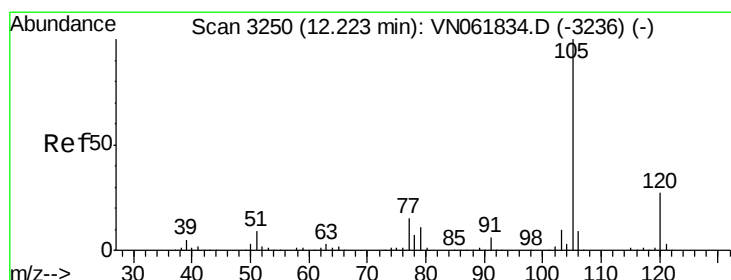
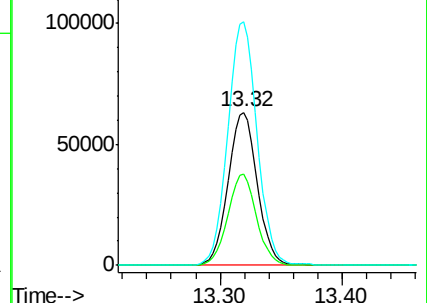
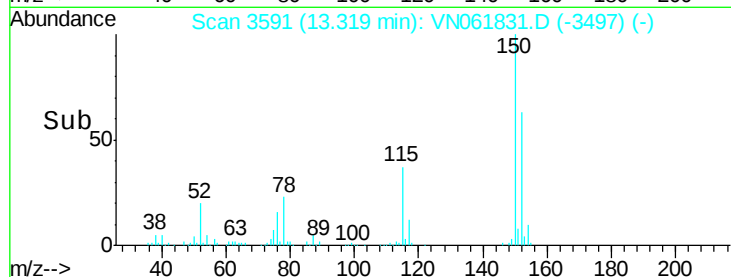
6/17/2020 3:44:49 PM



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: 0.859 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061831.D

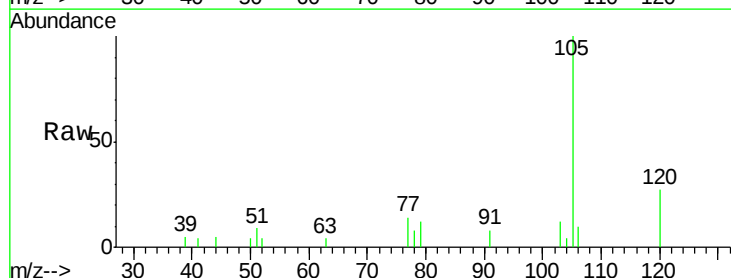
Acq: 16 Jun 2020 17:02

Tgt Ion:105 Resp: 6730

Ion Ratio Lower Upper

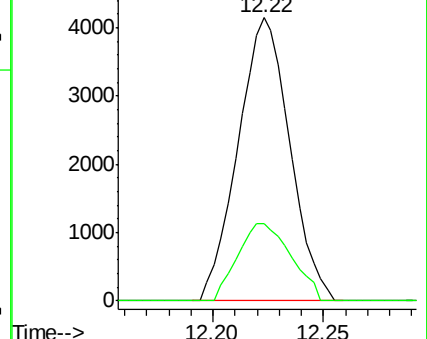
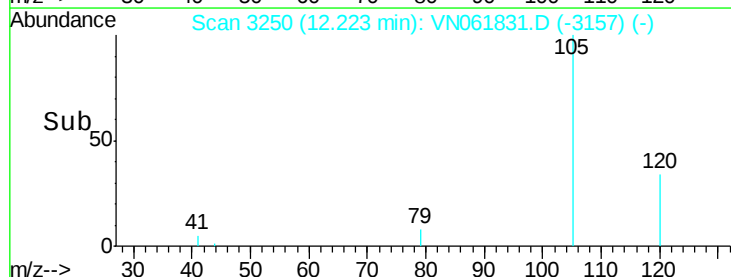
105 100

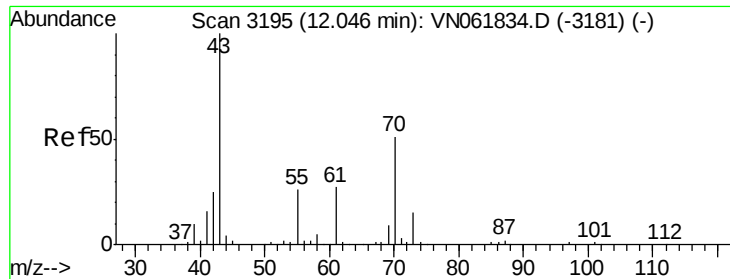
120 28.1 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





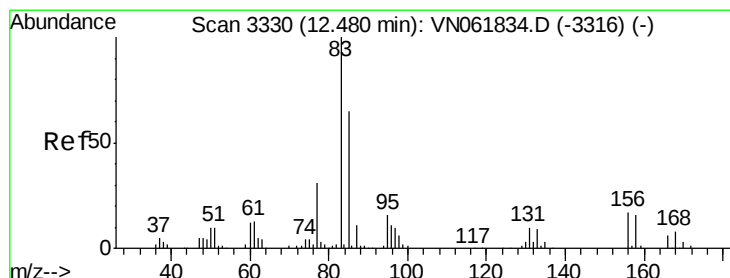
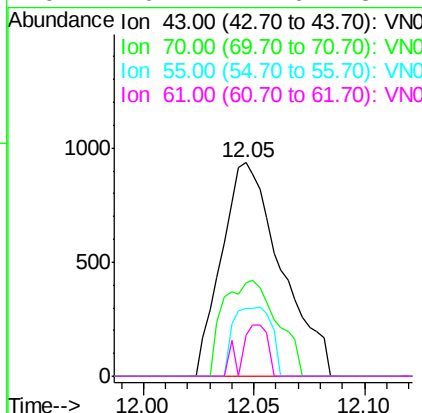
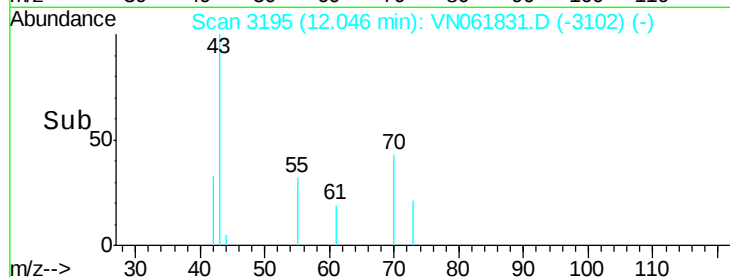
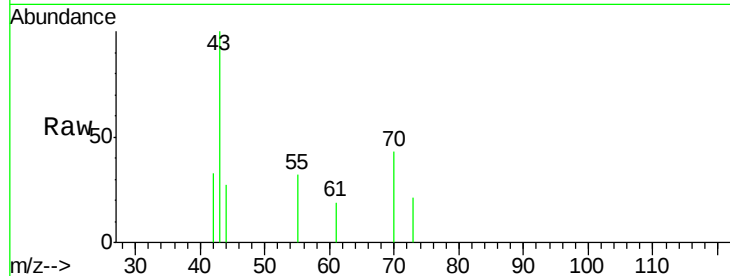
#74
N-amvl acetate
Concen: 0.710 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. -0.00 min
Lab File: VN061831.D
Acq: 16 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
43	100		
70	40.5	40.6	60.8#
55	20.9	21.5	32.3#
61	10.7	21.6	32.4#

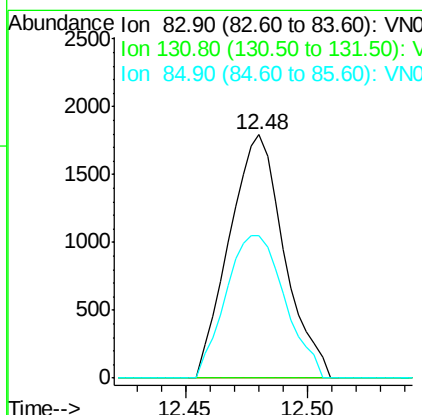
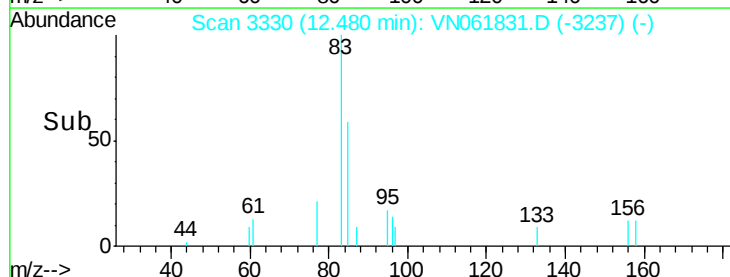
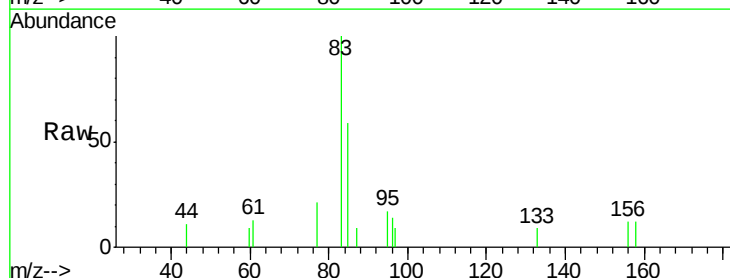
Manual Integrations
APPROVED

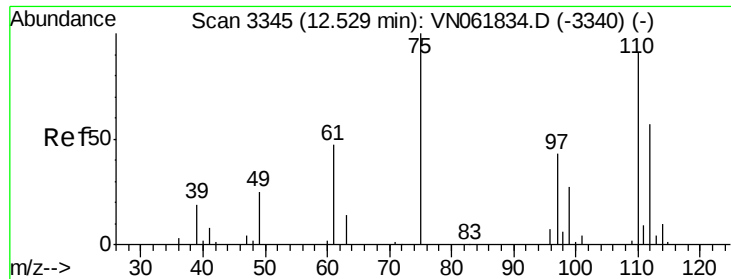
MMDadoda
6/17/2020 3:44:49 PM



#75
1,1,2,2-Tetrachloroethane
Concen: 1.252 ug/l
RT: 12.48 min Scan# 3330
Delta R.T. -0.00 min
Lab File: VN061831.D
Acq: 16 Jun 2020 17:02

Tgt Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.0	15.0#
85	63.2	32.4	97.2





#76

1,2,3-Trichloropropane

Concen: 1.055 ug/l m

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN061831.D

Acq: 16 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 75 Resp: 2070

Ion Ratio Lower Upper

75 100

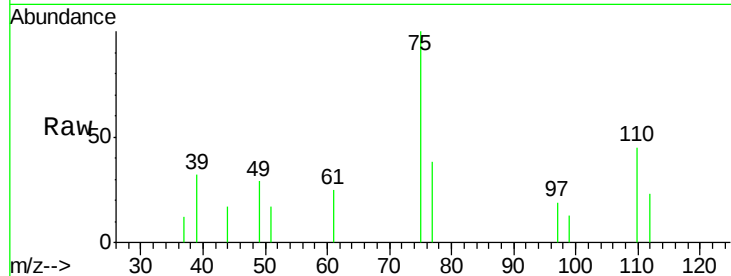
77 0.0 0.0 0.0

Manual Integrations

APPROVED

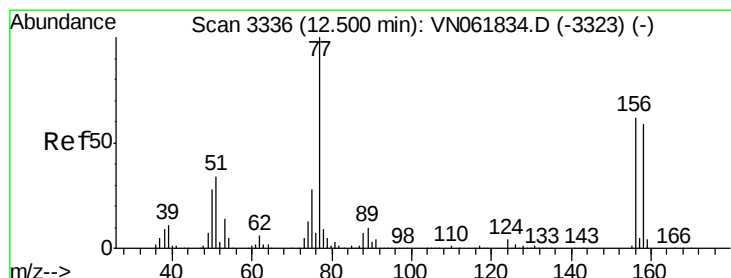
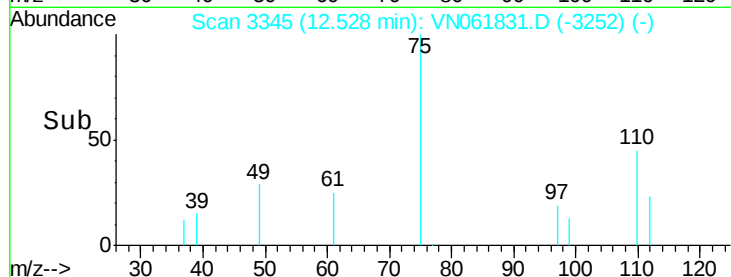
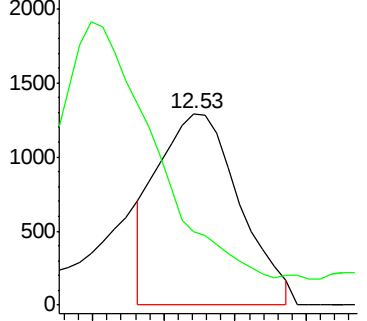
MMDadoda

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Abundance Ion 74.90 (74.60 to 75.60): VN061831.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN061831.D (-3340) (-)



#77

Bromobenzene

Concen: 0.980 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.01 min

Lab File: VN061831.D

Acq: 16 Jun 2020 17:02

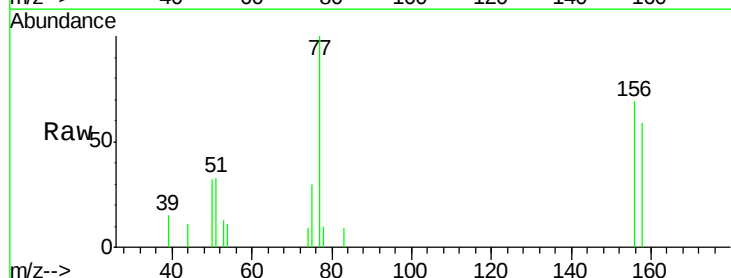
Tgt Ion: 156 Resp: 1942

Ion Ratio Lower Upper

156 100

77 210.6 100.7 302.1

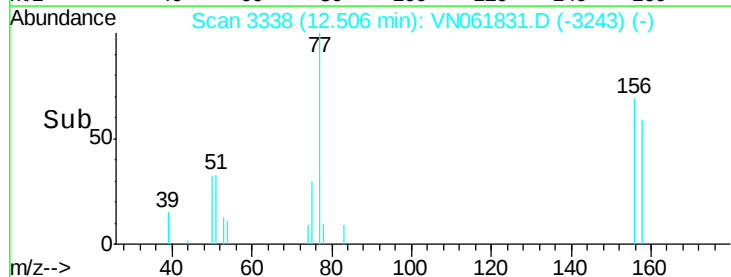
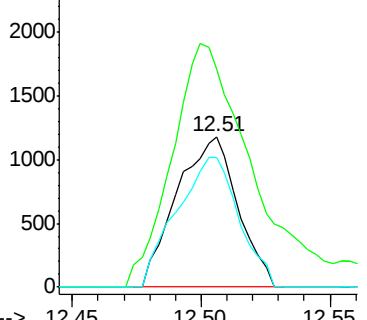
158 88.3 48.5 145.5

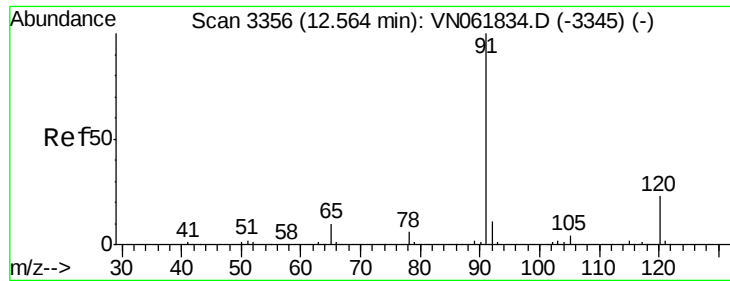


Abundance Ion 155.80 (155.50 to 156.50): VN061831.D (-3338) (-)

Ion 77.00 (76.70 to 77.70): VN061831.D (-3338) (-)

Ion 157.80 (157.50 to 158.50): VN061831.D (-3338) (-)





#78

n-propylbenzene

Concen: 0.935 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061831.D

Acq: 16 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 8194

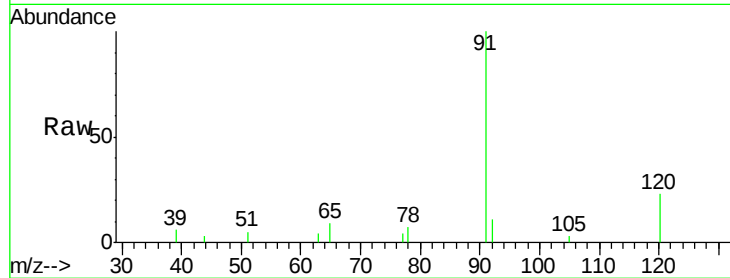
Ion Ratio Lower Upper

91 100

120 19.9 11.6 34.8

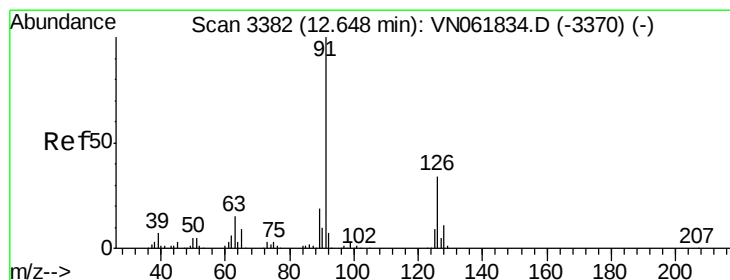
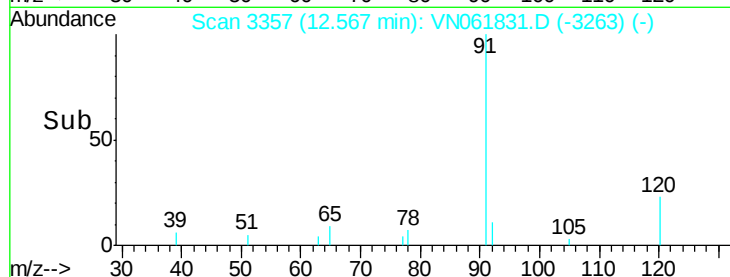
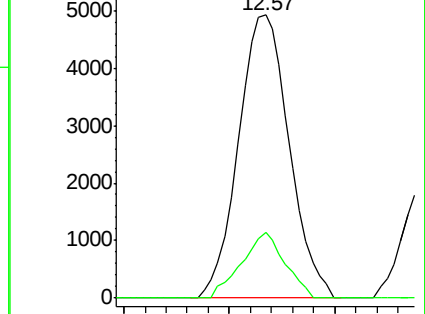
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VN061831.D (-3345) (-)

Ion 120.00 (119.70 to 120.70): VN061831.D (-3345) (-)



#79

2-Chlorotoluene

Concen: 0.979 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN061831.D

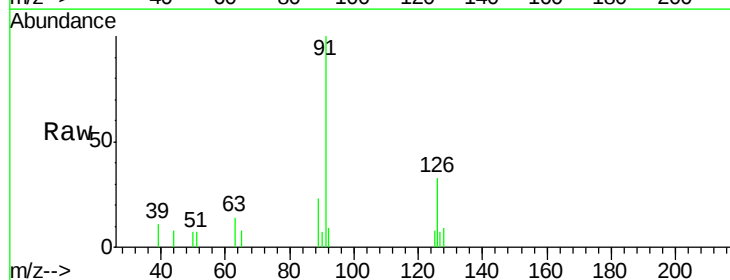
Acq: 16 Jun 2020 17:02

Tgt Ion: 91 Resp: 5114

Ion Ratio Lower Upper

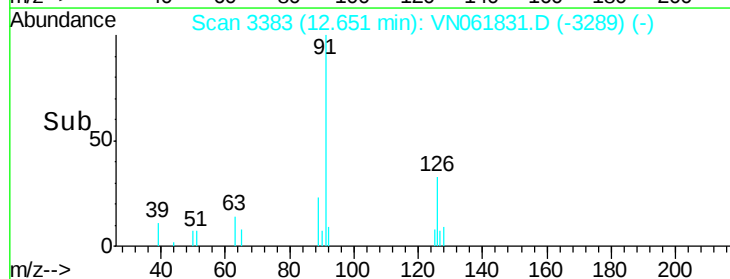
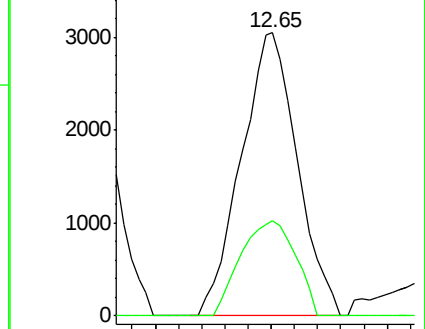
91 100

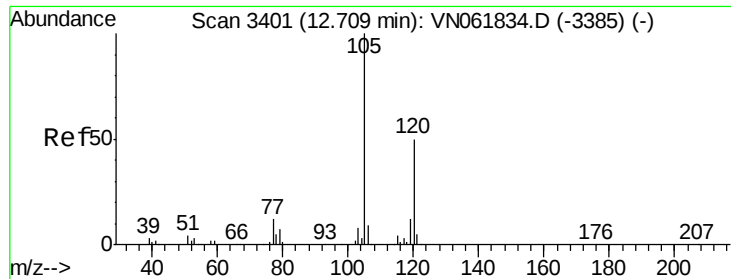
126 32.9 17.3 51.7



Abundance Ion 91.00 (90.70 to 91.70): VN061831.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN061831.D (-3370) (-)





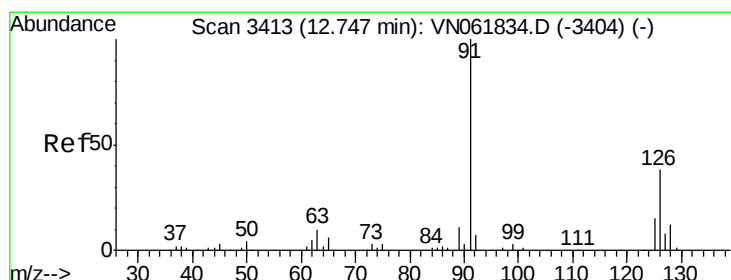
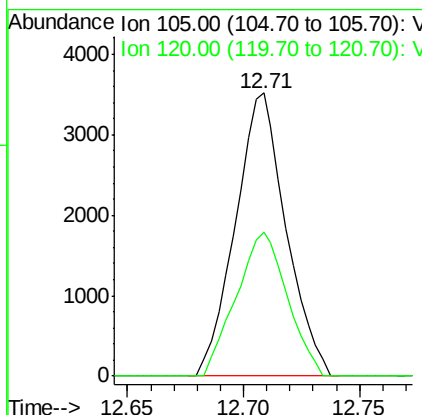
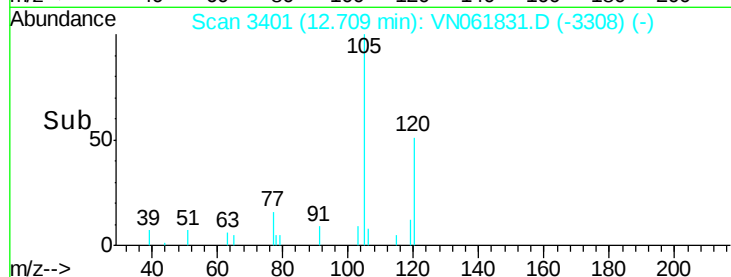
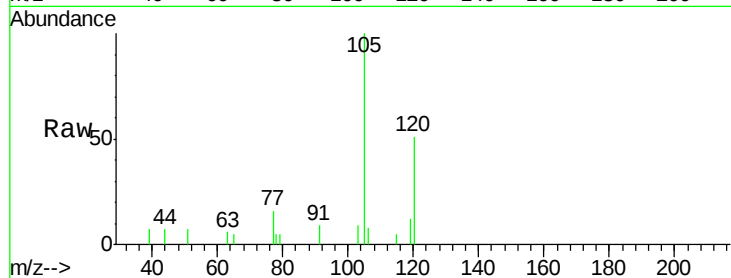
#80
 1,3,5-Trimethylbenzene
 Concen: 0.814 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN061831.D
 Acq: 16 Jun 2020 17:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion:105 Resp: 5325
 Ion Ratio Lower Upper
 105 100
 120 51.2 24.9 74.7

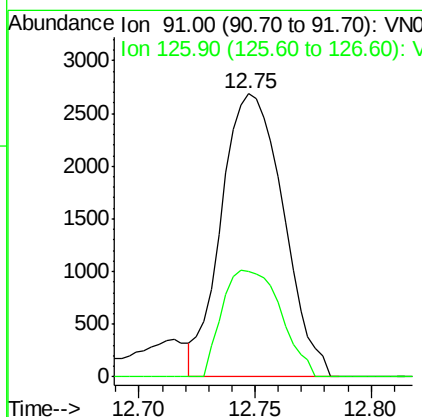
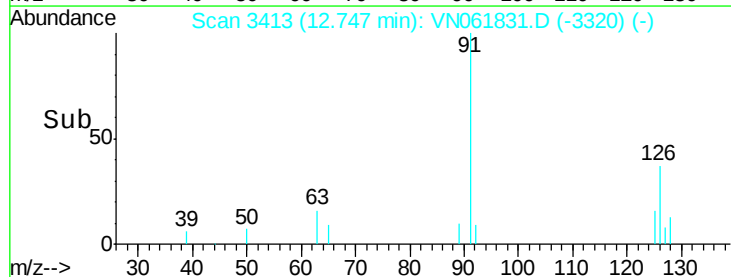
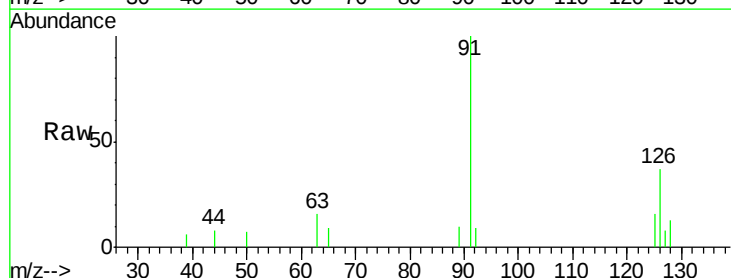
Manual Integrations
 APPROVED

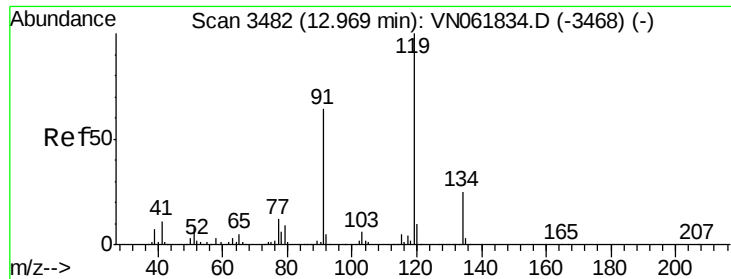
MMDadoda
 6/17/2020 3:44:49 PM



#82
 4-Chlorotoluene
 Concen: 0.907 ug/l
 RT: 12.75 min Scan# 3413
 Delta R.T. -0.00 min
 Lab File: VN061831.D
 Acq: 16 Jun 2020 17:02

Tgt Ion: 91 Resp: 4981
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.2 51.6





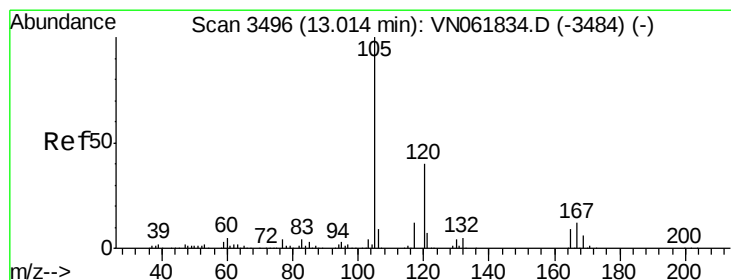
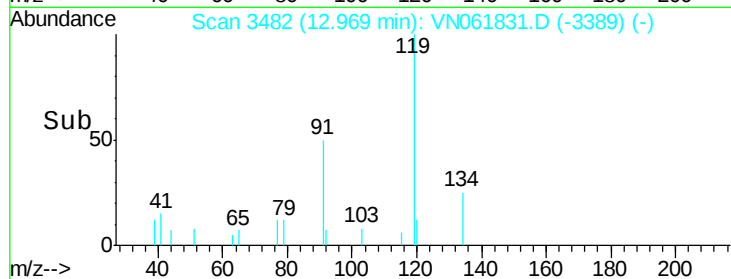
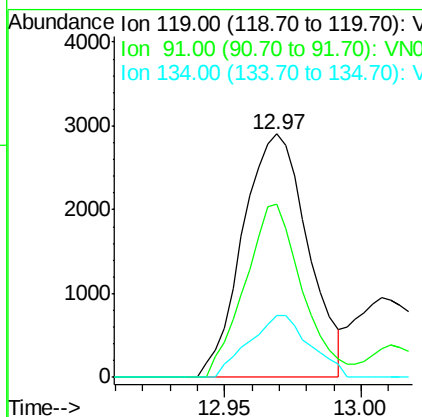
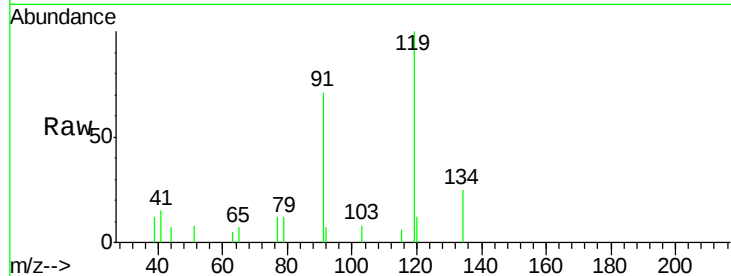
#83
 tert-Butylbenzene
 Concen: 0.837 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN061831.D
 Acq: 16 Jun 2020 17:02

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.9	31.5	94.5
134	23.8	13.3	39.9

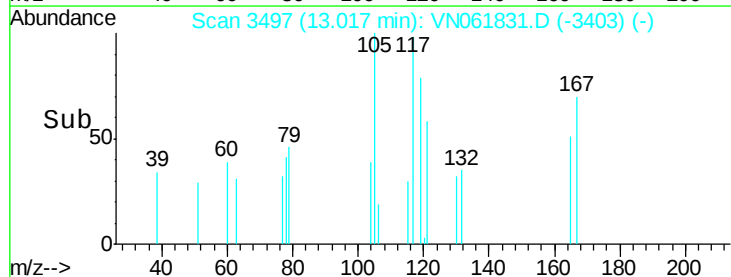
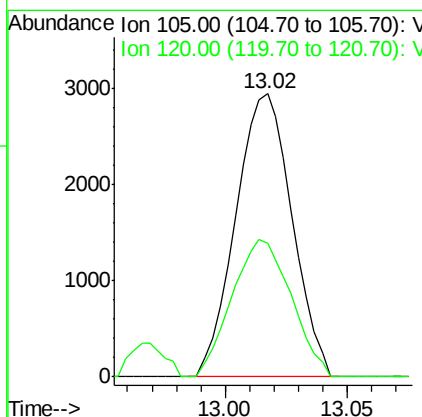
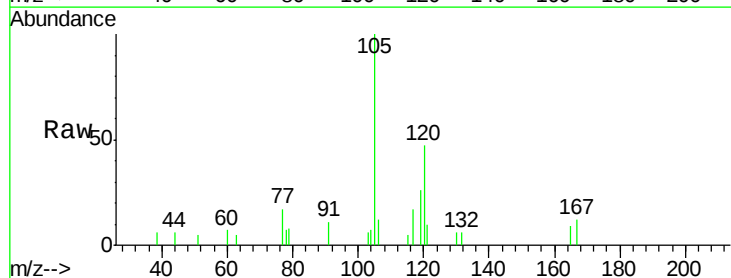
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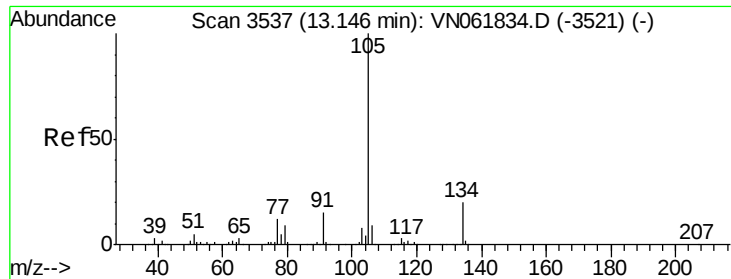
MMDadoda
 6/17/2020 3:44:49 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 0.724 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. 0.00 min
 Lab File: VN061831.D
 Acq: 16 Jun 2020 17:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	51.3	23.3	69.9





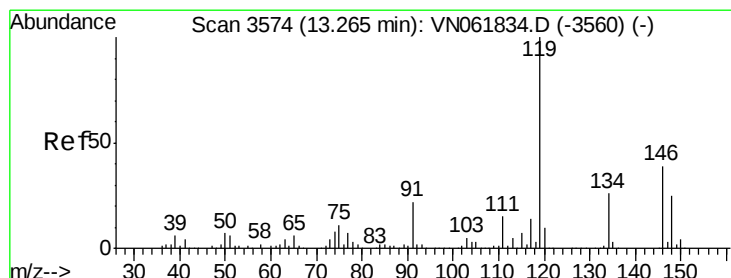
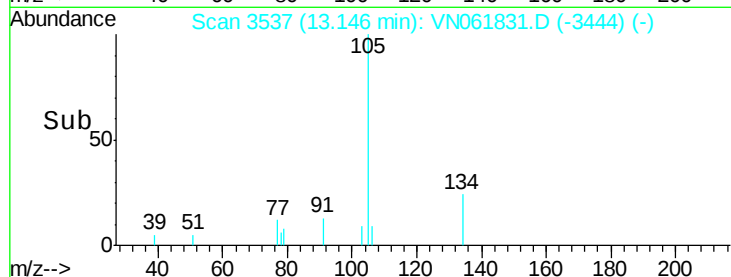
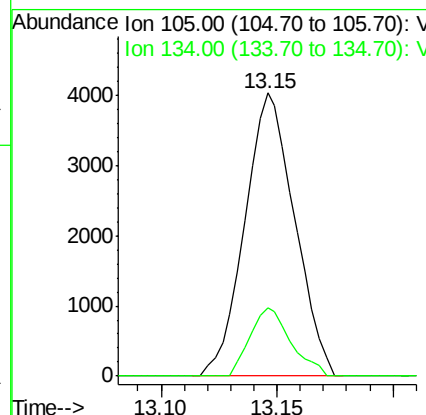
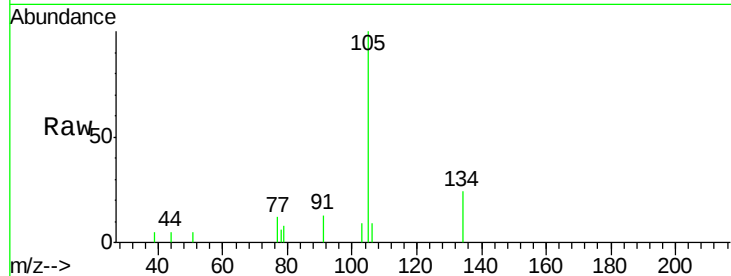
#85
 sec-Butylbenzene
 Concen: 0.812 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN061831.D
 Acq: 16 Jun 2020 17:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.9	10.1	30.1

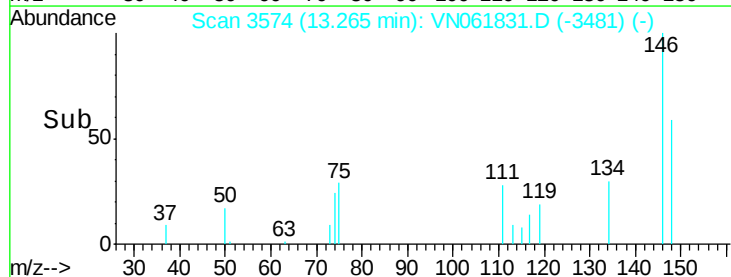
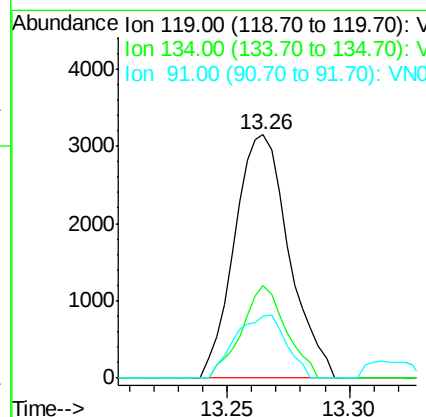
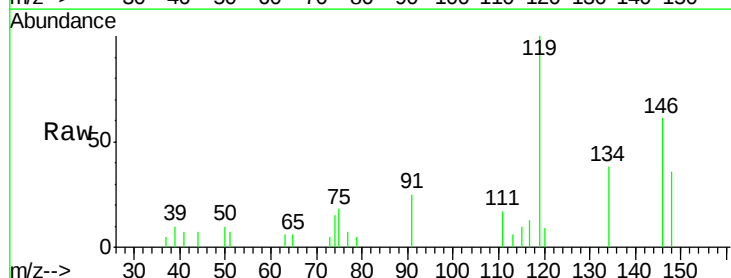
Manual Integrations
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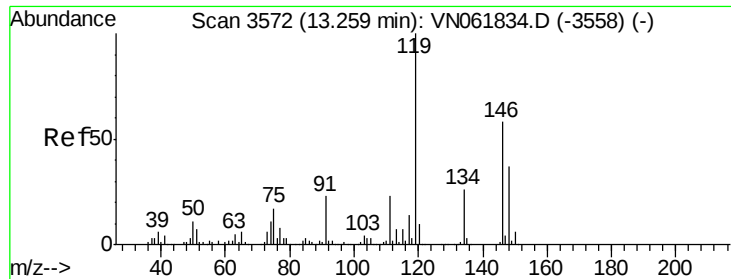
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#86
 p-Isopropyltoluene
 Concen: 0.712 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN061831.D
 Acq: 16 Jun 2020 17:02

Tgt Ion	Ratio	Lower	Upper
119	100		
134	31.0	13.3	39.9
91	24.2	11.2	33.6





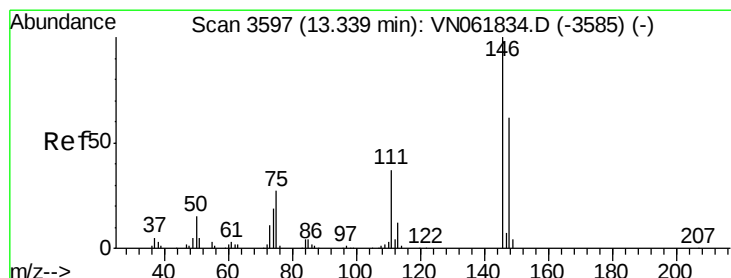
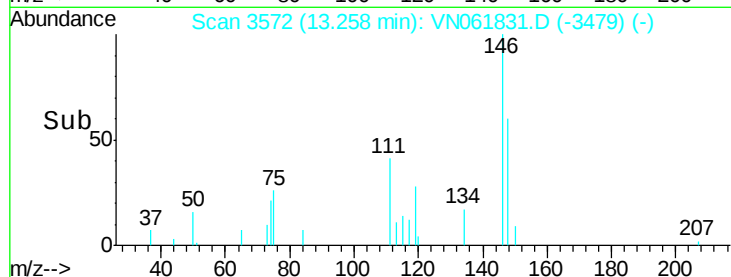
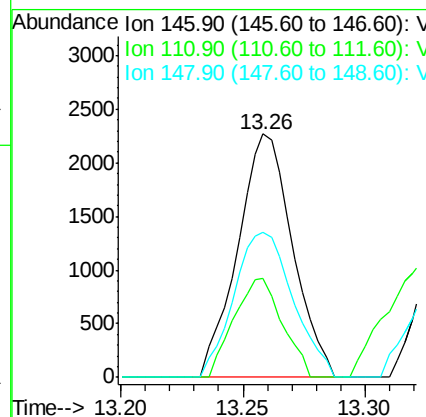
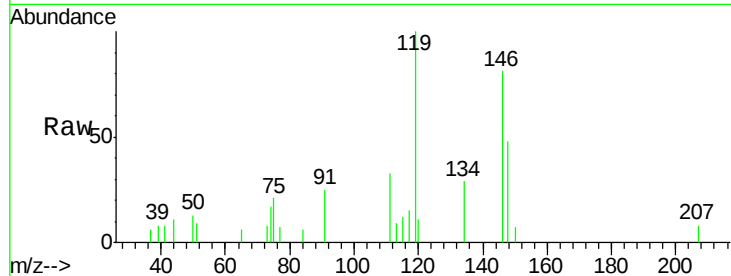
#87
 1,3-Dichlorobenzene
 Concen: 0.998 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN061831.D
 Acq: 16 Jun 2020 17:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.0	19.6	58.8
148	64.5	31.8	95.4

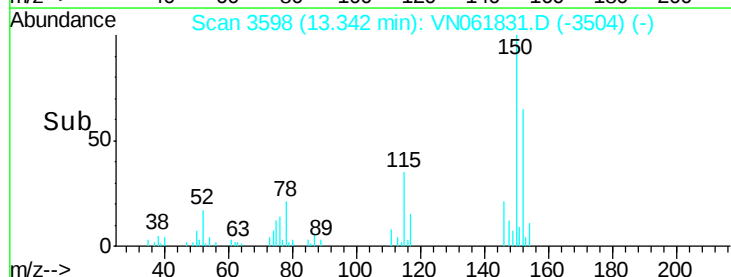
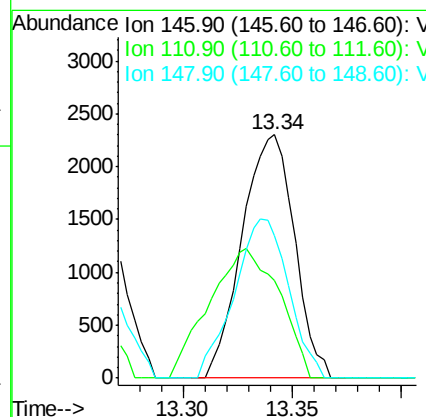
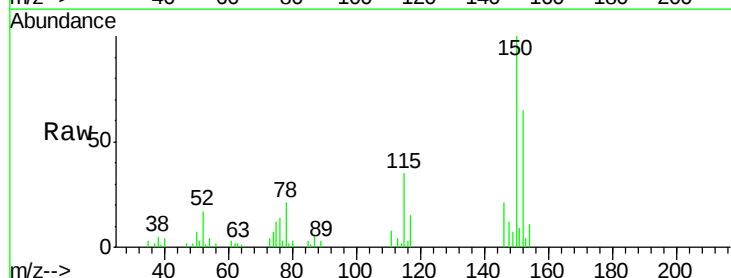
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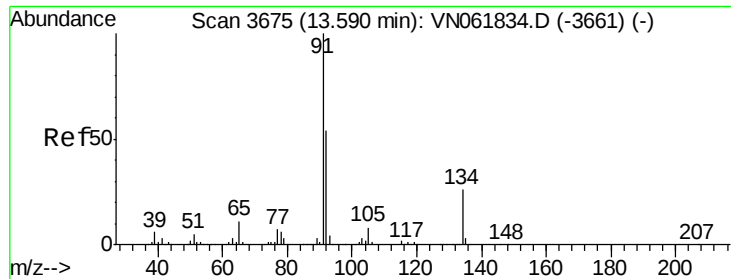
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#88
 1,4-Dichlorobenzene
 Concen: 1.068 ug/l m
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN061831.D
 Acq: 16 Jun 2020 17:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	33.1	19.3	57.8
148	59.2	31.6	94.7





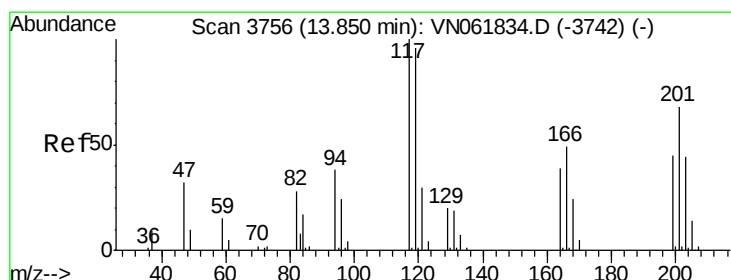
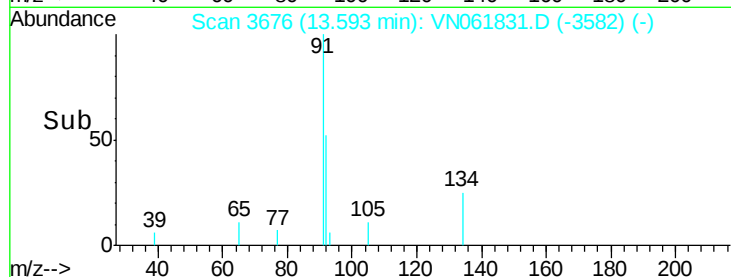
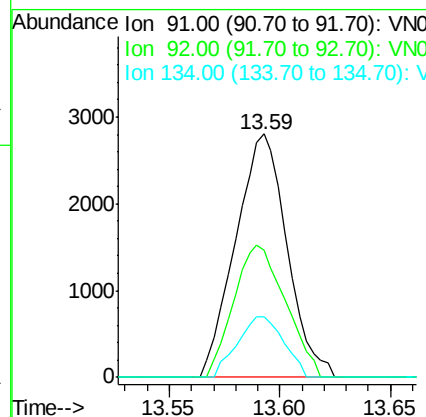
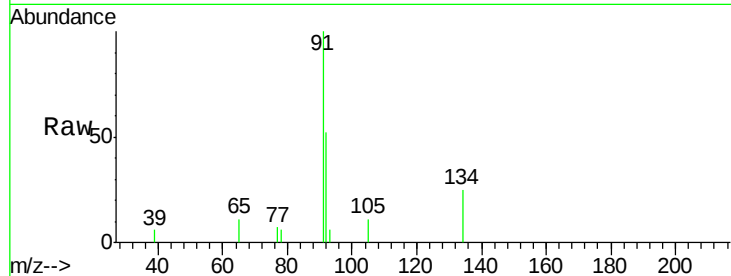
#89
n-Butylbenzene
Concen: 0.796 ug/l
RT: 13.59 min Scan# 3676
Delta R.T. 0.00 min
Lab File: VN061831.D
Acq: 16 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.0	80.8
134	22.3	13.0	39.0

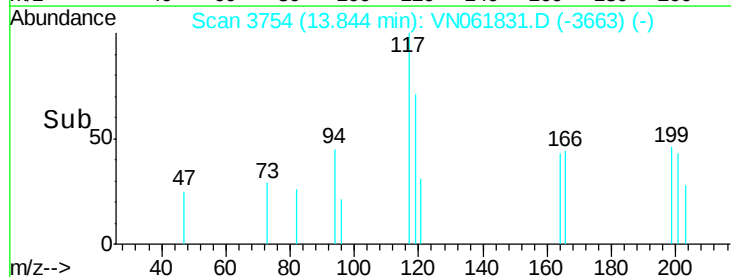
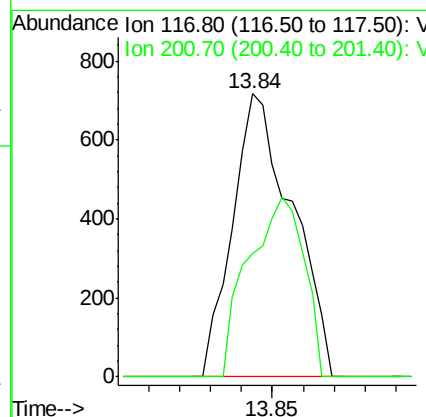
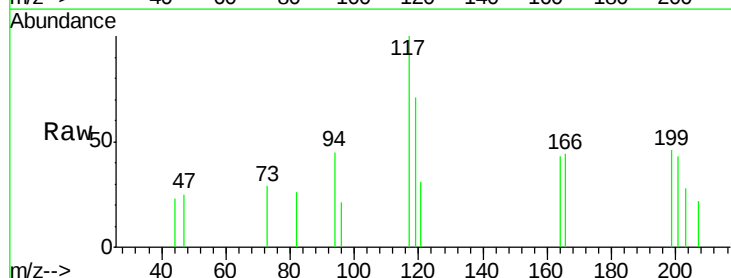
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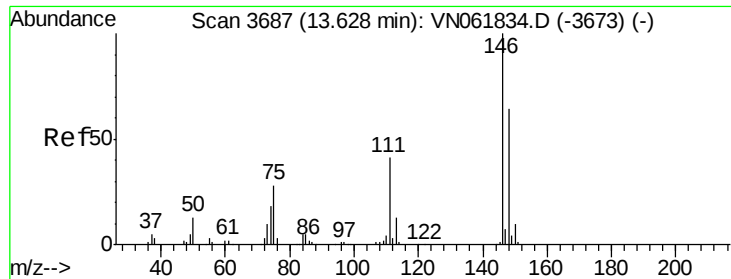
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#90
Hexachloroethane
Concen: 1.161 ug/l
RT: 13.84 min Scan# 3754
Delta R.T. -0.01 min
Lab File: VN061831.D
Acq: 16 Jun 2020 17:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	58.8	34.6	103.8





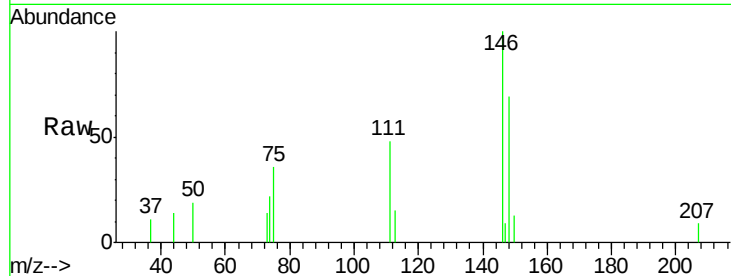
#91
 1,2-Dichlorobenzene
 Concen: 0.898 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061831.D
 Acq: 16 Jun 2020 17:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.7	20.4	61.2
148	71.6	31.8	95.4

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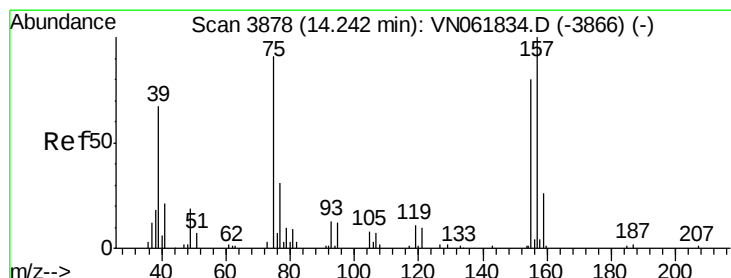
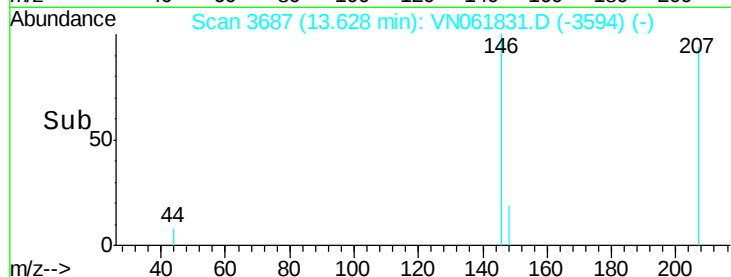
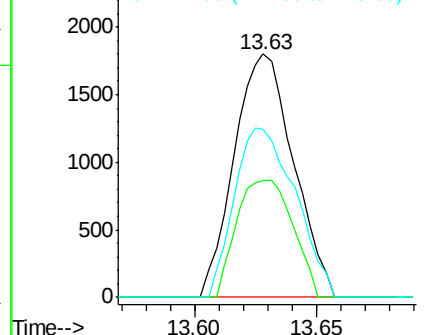


Abundance

Ion 145.90 (145.60 to 146.60): V

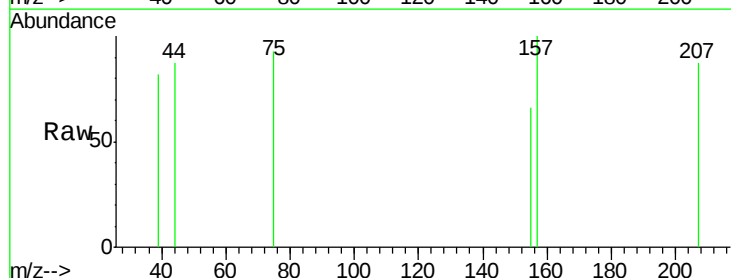
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.704 ug/l
 RT: 14.25 min Scan# 3880
 Delta R.T. 0.01 min
 Lab File: VN061831.D
 Acq: 16 Jun 2020 17:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	56.4	44.4	133.2
157	117.9	57.0	171.2

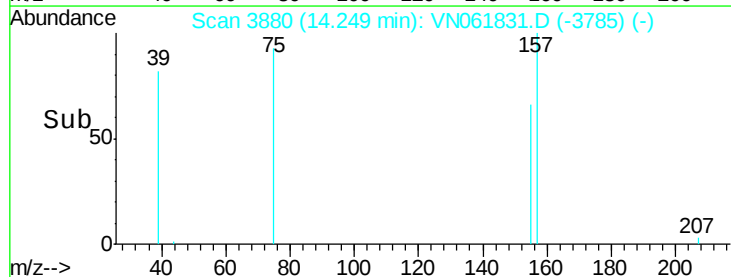
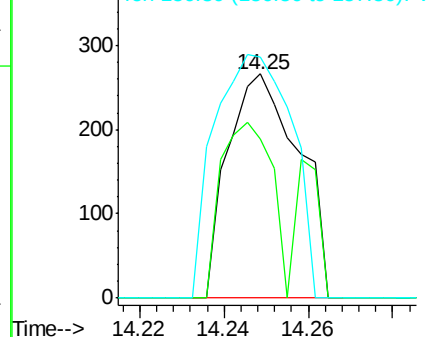


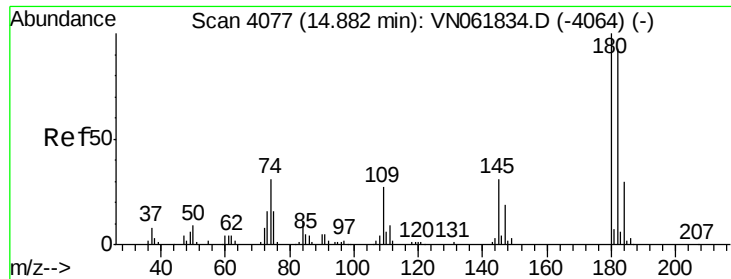
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





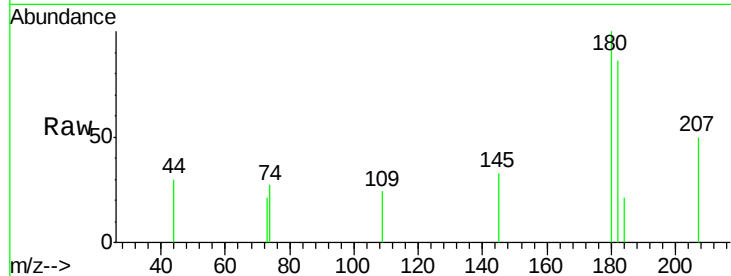
#93
1,2,4-Trichlorobenzene
Concen: 0.701 ug/l
RT: 14.89 min Scan# 4078
Delta R.T. 0.00 min
Lab File: VN061831.D
Acq: 16 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

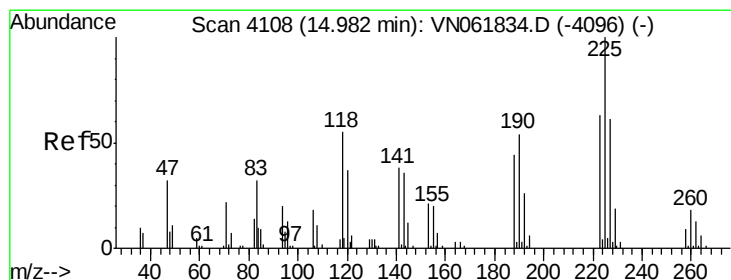
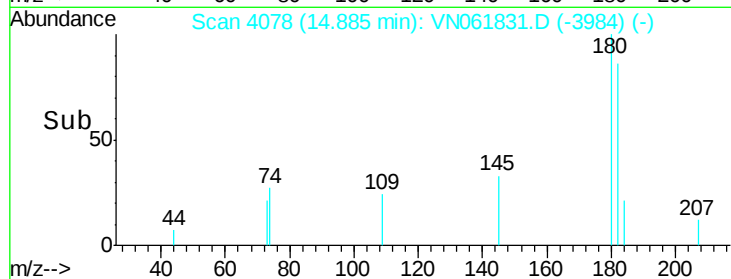
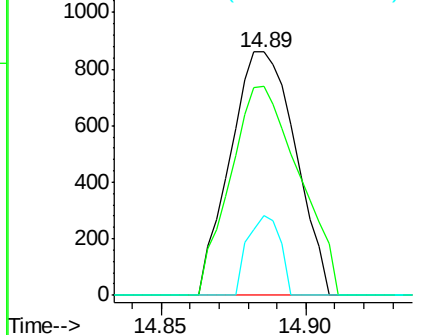
Tot Ion	Ratio	Lower	Upper
180	100		
182	90.7	47.0	141.2
145	16.5	15.8	47.3

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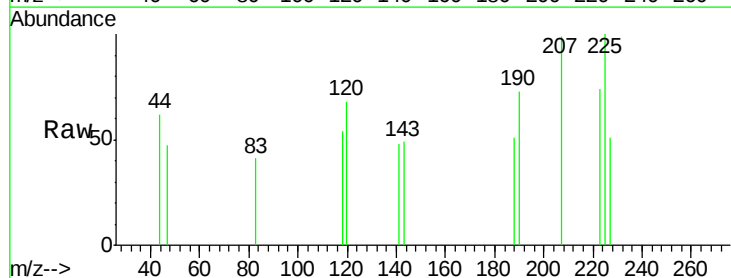


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

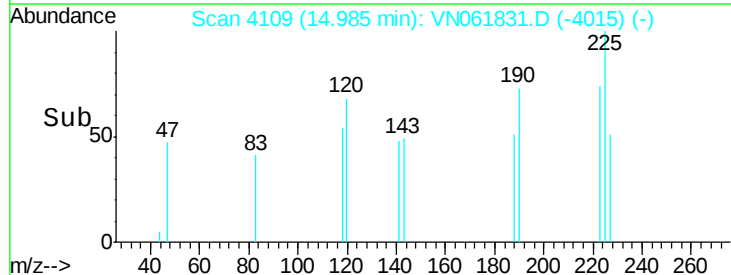
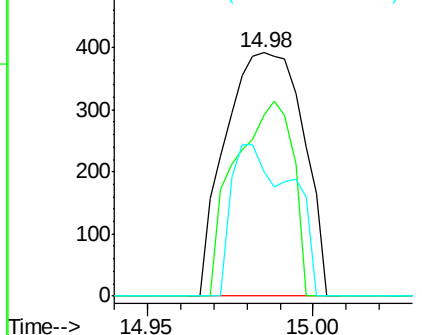


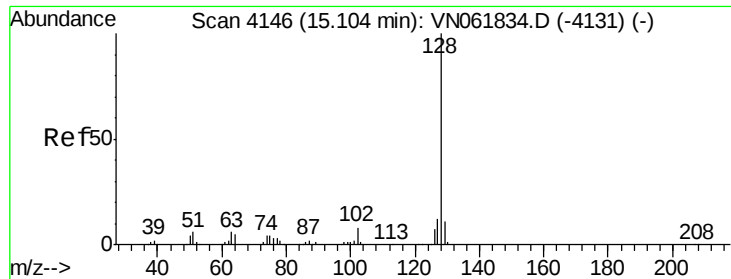
#94
Hexachlorobutadiene
Concen: 0.785 ug/l
RT: 14.98 min Scan# 4109
Delta R.T. 0.00 min
Lab File: VN061831.D
Acq: 16 Jun 2020 17:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.8	31.7	95.1
227	47.9	30.1	90.3



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





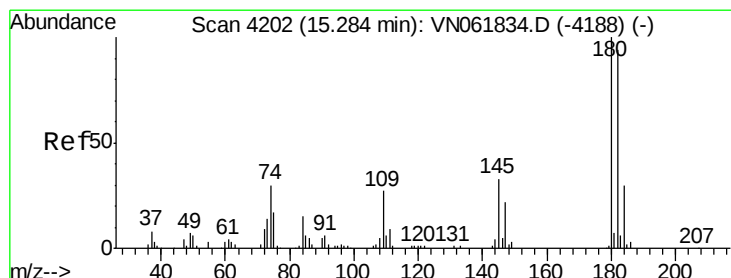
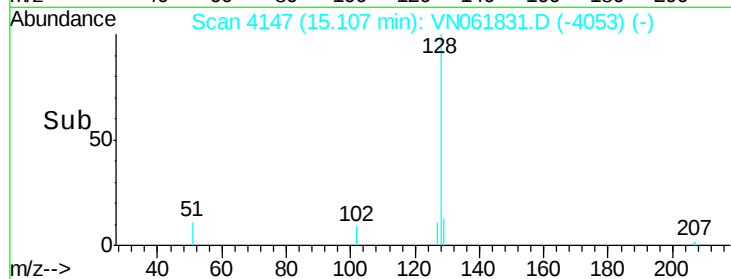
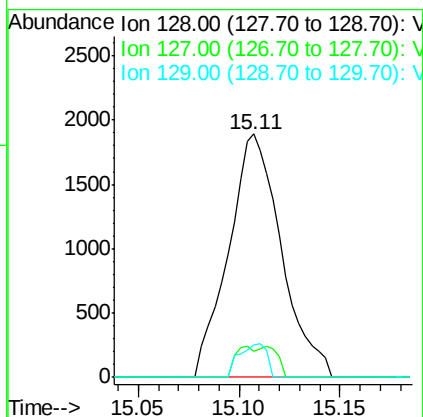
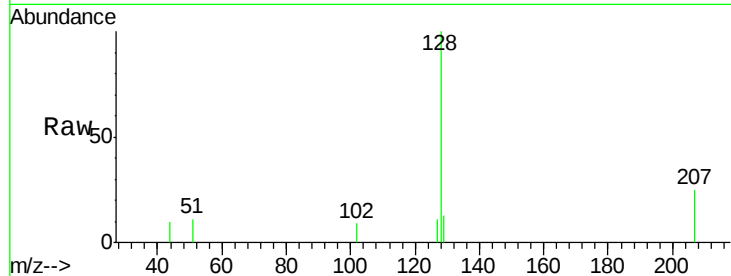
#95
Naphthalene
Concen: 0.599 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN061831.D
Acq: 16 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
128	100		
127	4.7	10.3	15.5#
129	7.3	8.6	13.0#

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#96
1,2,3-Trichlorobenzene
Concen: 0.720 ug/l
RT: 15.28 min Scan# 4201
Delta R.T. -0.00 min
Lab File: VN061831.D
Acq: 16 Jun 2020 17:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.0	47.9	143.6
145	16.9	16.5	49.5

