

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061120\
 Data File : VN061767.D
 Acq On : 12 Jun 2020 3:19
 Operator : JC/MD
 Sample : VN0611WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/12/2020 5:46:33 PM

Quant Time: Jun 12 08:52:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	262541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	451447	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	440127	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	213928	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	168462	53.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.72%	
35) Dibromofluoromethane	7.54	113	135018	58.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.92%	
50) Toluene-d8	10.06	98	540388	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
62) 4-Bromofluorobenzene	12.38	95	192967	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	46023	15.982	ug/l	98
3) Chloromethane	2.03	50	58485	18.264	ug/l	98
4) Vinyl Chloride	2.16	62	71636	16.325	ug/l	100
5) Bromomethane	2.53	94	53292	21.165	ug/l	98
6) Chloroethane	2.67	64	52778	18.686	ug/l	99
7) Trichlorofluoromethane	2.98	101	85778	15.159	ug/l	99
8) Diethyl Ether	3.37	74	36776	21.254	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	45707	18.202	ug/l	99
10) Methyl Iodide	3.90	142	72292	20.739	ug/l	99
11) Tert butyl alcohol	4.73	59	50261	120.802	ug/l #	83
12) 1,1-Dichloroethene	3.69	96	47119	17.564	ug/l	93
13) Acrolein	3.56	56	11795	76.607	ug/l	93
14) Allyl chloride	4.27	41	61662	17.581	ug/l	97
15) Acrylonitrile	4.93	53	121441	104.572	ug/l	99
16) Acetone	3.77	43	97489	109.604	ug/l	94
17) Carbon Disulfide	4.00	76	105891	17.941	ug/l	97
18) Methyl Acetate	4.27	43	59871	21.143	ug/l	97
19) Methyl tert-butyl Ether	4.98	73	189505	20.727	ug/l	99
20) Methylene Chloride	4.49	84	64491	21.699	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	58973	19.493	ug/l	95
22) Diisopropyl ether	5.90	45	161180	20.851	ug/l	95
23) Vinyl Acetate	5.84	43	578089	93.830	ug/l	97
24) 1,1-Dichloroethane	5.79	63	100422	20.487	ug/l	100
25) 2-Butanone	6.78	43	143280	96.651	ug/l	98
26) 2,2-Dichloropropane	6.77	77	62486	13.928	ug/l	98
27) cis-1,2-Dichloroethene	6.77	96	72869	21.270	ug/l	96
28) Bromochloromethane	7.15	49	44137	23.238	ug/l	96
29) Tetrahydrofuran	7.16	42	92789	94.919	ug/l	95
30) Chloroform	7.32	83	116681	21.516	ug/l	97
31) Cyclohexane	7.61	56	64706	14.678	ug/l #	94
32) 1,1,1-Trichloroethane	7.53	97	90809	18.377	ug/l	99
36) 1,1-Dichloropropene	7.75	75	69361	17.355	ug/l	99
37) Ethyl Acetate	6.87	43	61574	19.129	ug/l #	92
38) Carbon Tetrachloride	7.73	117	70203	18.211	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	68440	13.894	ug/l	100
40) Benzene	8.00	78	247993	20.111	ug/l	99
41) Methacrylonitrile	7.12	41	26381	17.888	ug/l	95
42) 1,2-Dichloroethane	8.08	62	85109	20.616	ug/l	98
43) Isopropyl Acetate	8.12	43	106628	18.412	ug/l	97
44) Trichloroethene	8.80	130	72723	19.190	ug/l	96
45) 1,2-Dichloropropane	9.08	63	62198	21.242	ug/l	98
46) Dibromomethane	9.17	93	46383	20.655	ug/l	95
47) Bromodichloromethane	9.37	83	94616	21.266	ug/l	99
48) Methyl methacrylate	9.17	41	45604	17.503	ug/l	97
49) 1,4-Dioxane	9.16	88	24591	609.229	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	303874	93.114	ug/l	97
52) Toluene	10.12	92	161017	20.006	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	93091	19.423	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	102578	19.905	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	69604	21.707	ug/l	97
56) Ethyl methacrylate	10.40	69	85547	19.099	ug/l	97
57) 1,3-Dichloropropane	10.68	76	108693	21.195	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	146309	76.436	ug/l	98
59) 2-Hexanone	10.72	43	210990	90.023	ug/l	98
60) Dibromochloromethane	10.87	129	78897	21.643	ug/l	100
61) 1,2-Dibromoethane	10.98	107	71569	21.401	ug/l	99
64) Tetrachloroethene	10.60	164	75144	18.138	ug/l	97
65) Chlorobenzene	11.40	112	180183	19.695	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	71074	20.864	ug/l	99
67) Ethyl Benzene	11.48	91	286700	18.131	ug/l	100
68) m/p-Xylenes	11.59	106	227068	36.217	ug/l	98
69) o-Xylene	11.92	106	111752	18.766	ug/l	96
70) Styrene	11.94	104	189267	19.192	ug/l	98
71) Bromoform	12.10	173	53066	20.216	ug/l #	100
73) Isopropylbenzene	12.22	105	274910	17.607	ug/l	99
74) N-amyl acetate	12.05	43	81318	16.537	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	85980	19.650	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	78449m	20.167	ug/l	
77) Bromobenzene	12.50	156	82369	20.667	ug/l	96
78) n-propylbenzene	12.56	91	300068	17.215	ug/l	100
79) 2-Chlorotoluene	12.65	91	190571	18.335	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	231894	17.769	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	23708	15.585	ug/l	96
82) 4-Chlorotoluene	12.75	91	200305	18.319	ug/l	100
83) tert-Butylbenzene	12.97	119	194318	16.852	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	238014	18.359	ug/l	98
85) sec-Butylbenzene	13.15	105	244784	16.475	ug/l	100
86) p-Isopropyltoluene	13.26	119	230413	16.839	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	137608	19.498	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	138354	19.243	ug/l	99
89) n-Butylbenzene	13.59	91	179691	15.679	ug/l	98
90) Hexachloroethane	13.85	117	34310	22.673	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	137724	20.420	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	15129	16.954	ug/l	96

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ClientSampleId :
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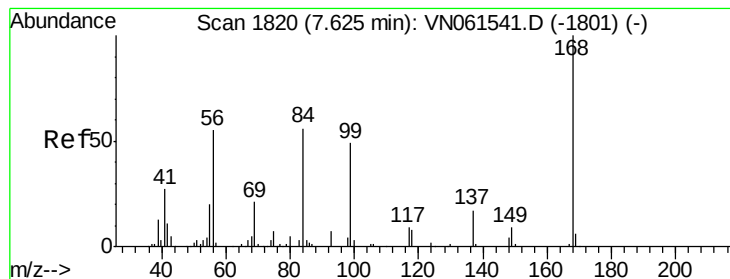
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	72674	18.424	ug/l	100
94) Hexachlorobutadiene	14.98	225	28344	16.848	ug/l	97
95) Naphthalene	15.11	128	205969	17.155	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	74829	19.294	ug/l	99

(#) = 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: VN061767.D

Acq: 12 Jun 2020 3:19

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBS02

Tot Ion:168 Resp: 262541

Ion Ratio Lower Upper

168 100

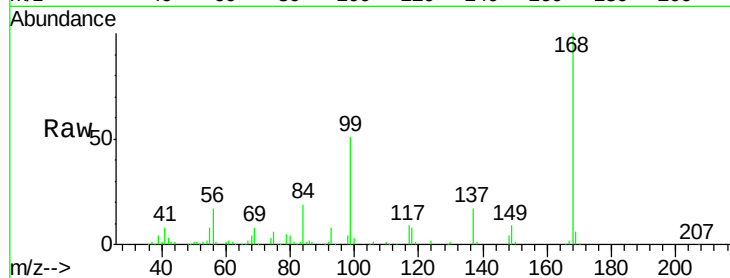
99 50.8 45.0 67.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

120000

100000

80000

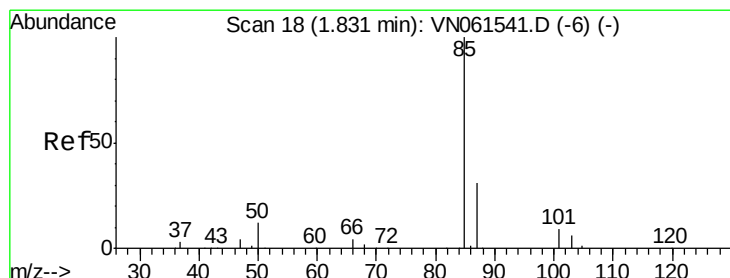
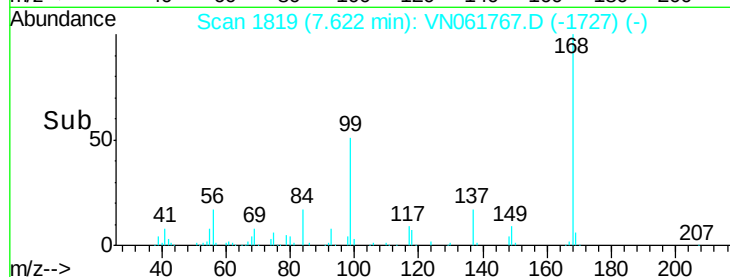
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 15.982 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061767.D

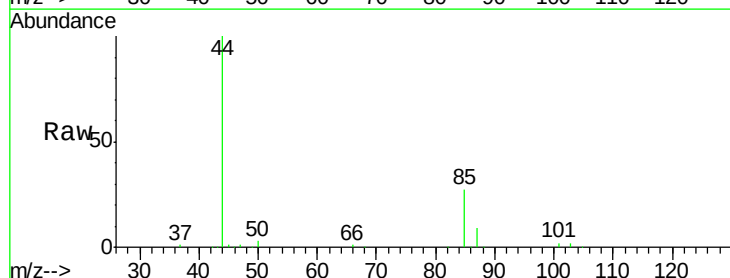
Acq: 12 Jun 2020 3:19

Tgt Ion: 85 Resp: 46023

Ion Ratio Lower Upper

85 100

87 32.3 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

40000

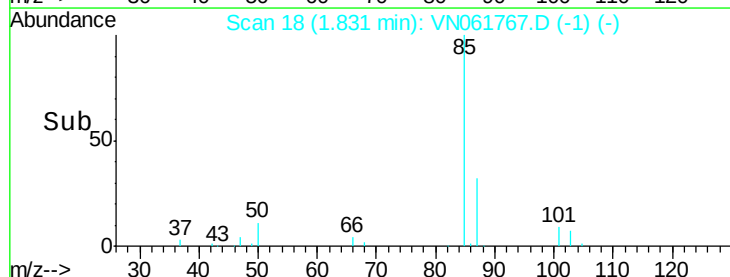
30000

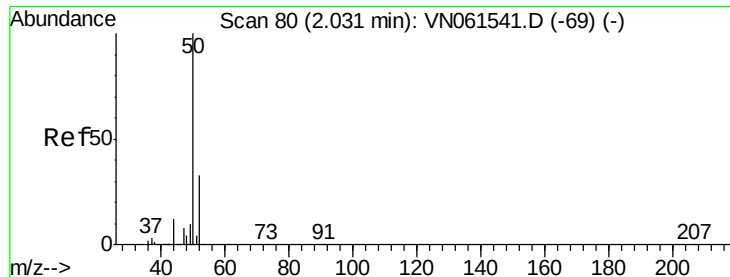
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 18.264 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBS02

Tot Ion: 50 Resp: 58485

Ion Ratio Lower Upper

50 100

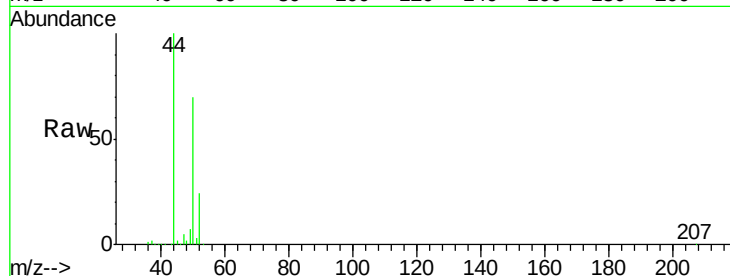
52 34.3 26.7 40.1

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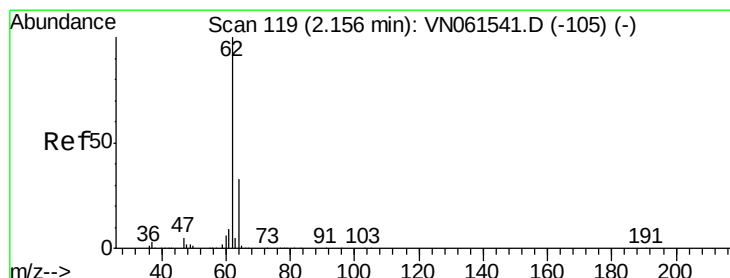
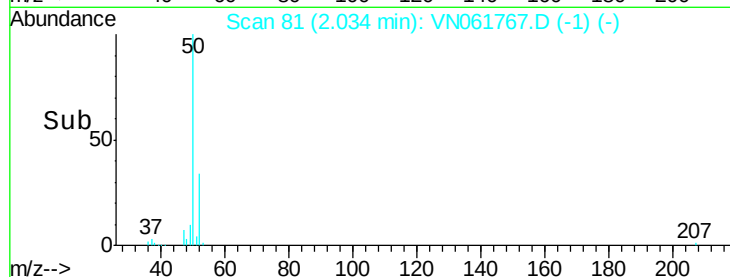
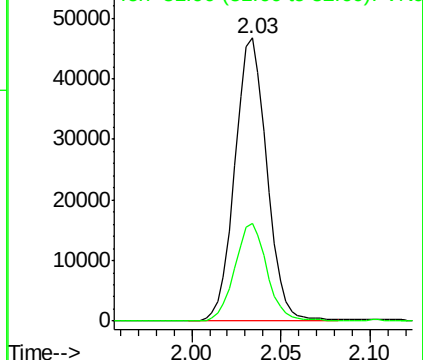
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 16.325 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061767.D

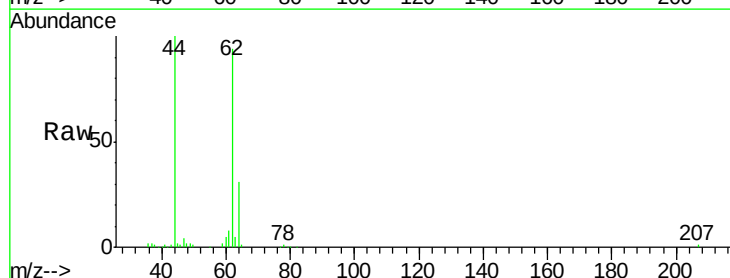
Acq: 12 Jun 2020 3:19

Tgt Ion: 62 Resp: 71636

Ion Ratio Lower Upper

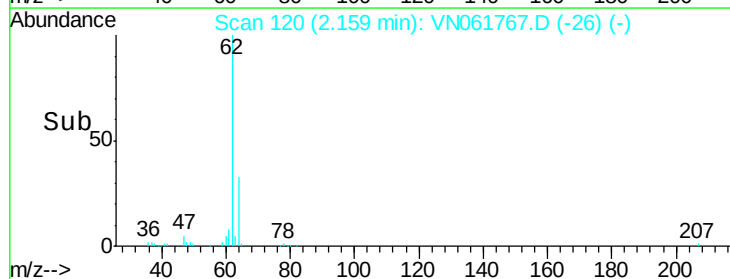
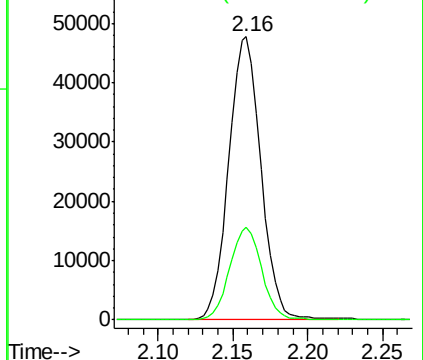
62 100

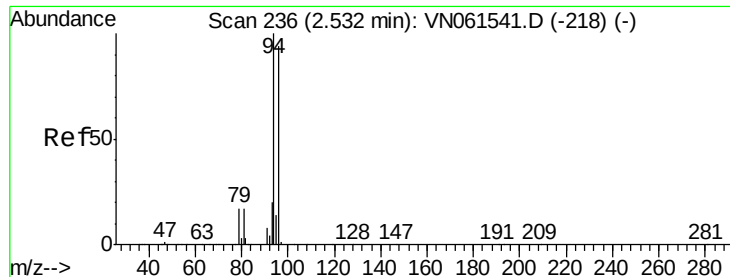
64 32.5 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 21.165 ug/l

RT: 2.53 min Scan# 236

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBS02

Tot Ion: 94 Resp: 53292

Ion Ratio Lower Upper

94 100

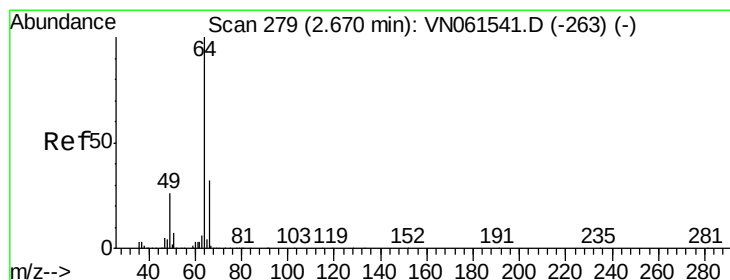
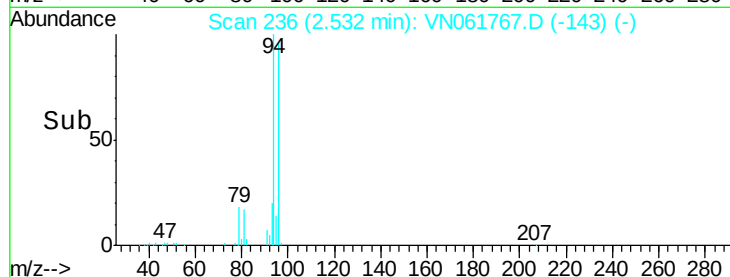
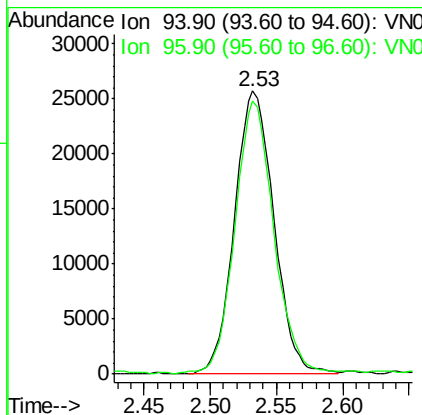
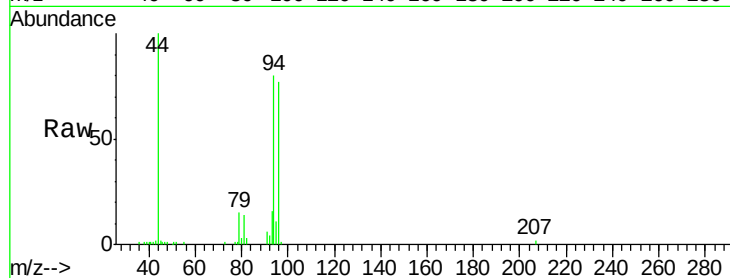
96 95.5 74.8 112.2

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#6

Chloroethane

Concen: 18.686 ug/l

RT: 2.67 min Scan# 279

Delta R.T. -0.00 min

Lab File: VN061767.D

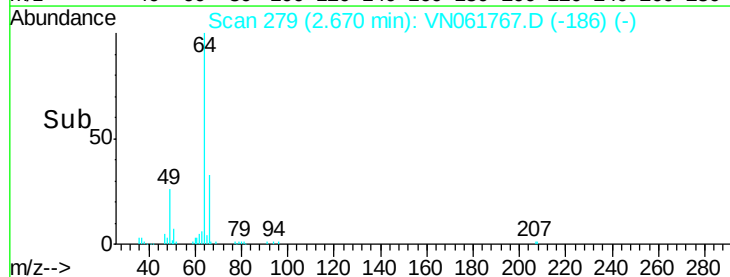
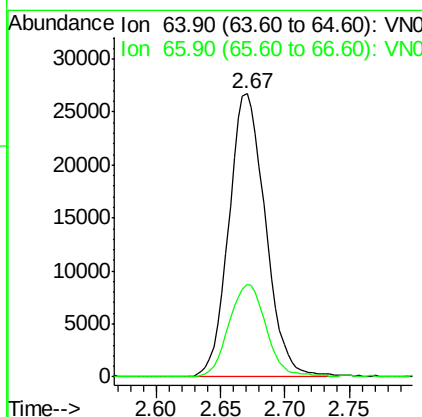
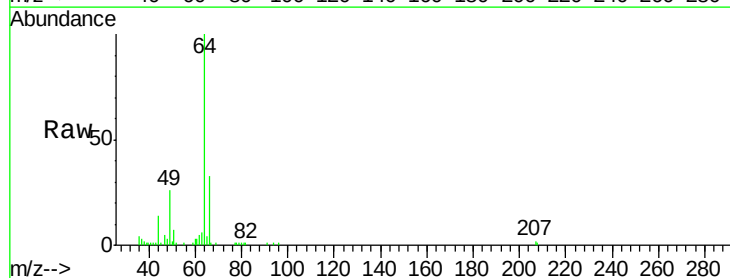
Acq: 12 Jun 2020 3:19

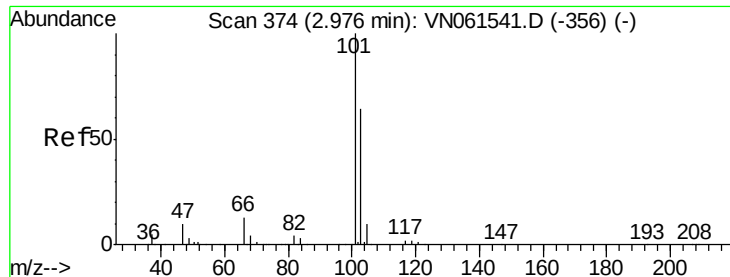
Tgt Ion: 64 Resp: 52778

Ion Ratio Lower Upper

64 100

66 32.8 25.6 38.4





#7

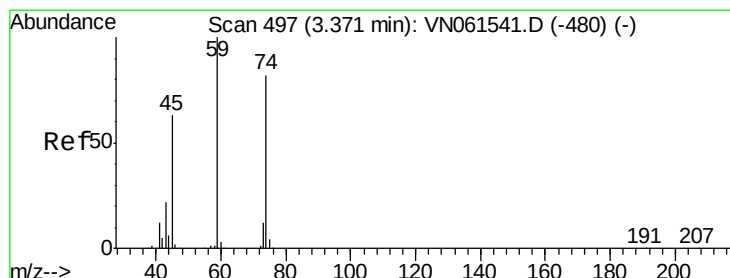
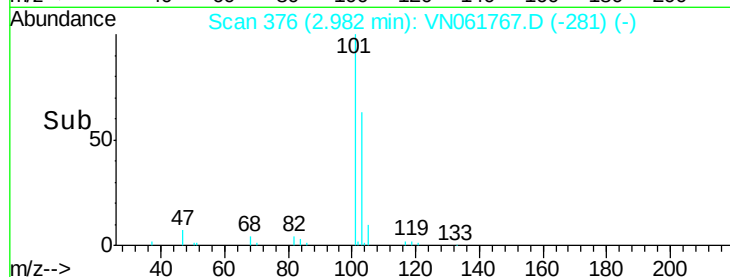
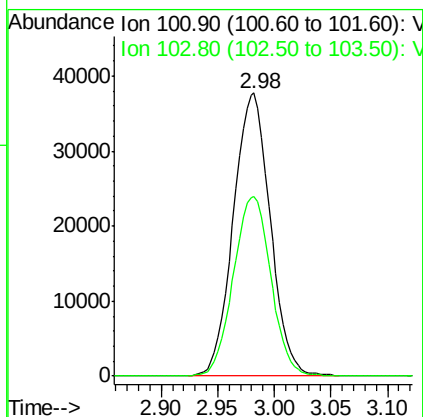
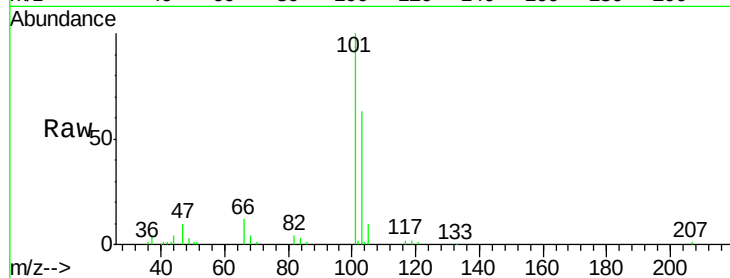
Trichlorofluoromethane
Concen: 15.159 ug/l
RT: 2.98 min Scan# 376
Delta R.T. 0.01 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

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ClientSampleId :
VN0611WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	51.4	77.2

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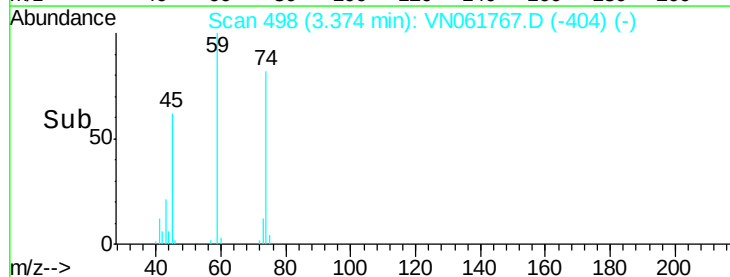
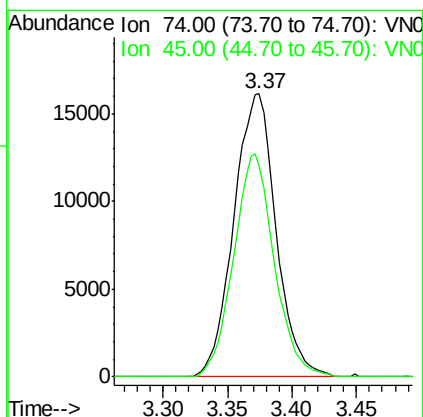
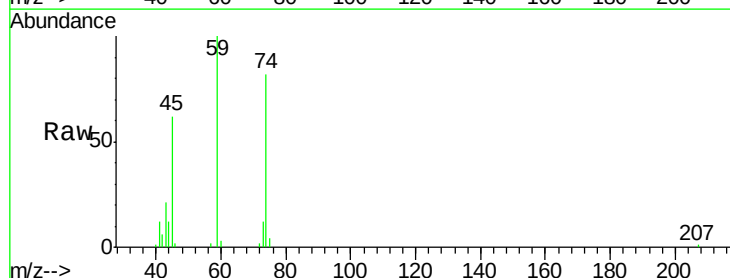
MMDadoda
6/12/2020 5:46:33 PM

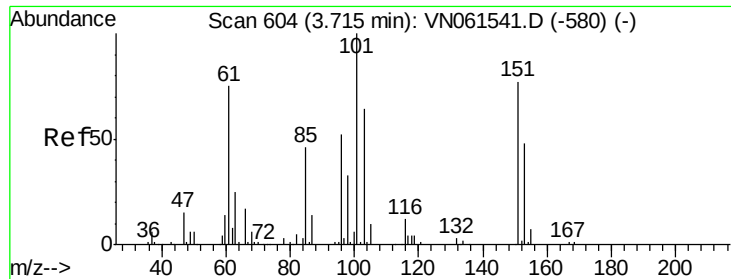


#8

Diethyl Ether
Concen: 21.254 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	75.6	39.9	119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.202 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Instrument :

MSVOA_N

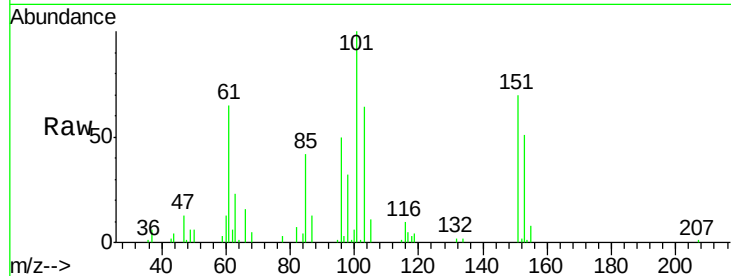
ClientSampleId :

VN0611WBS02

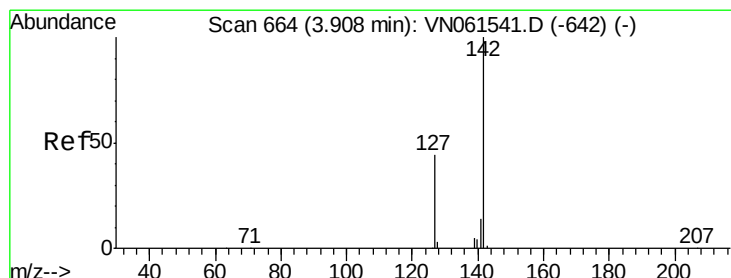
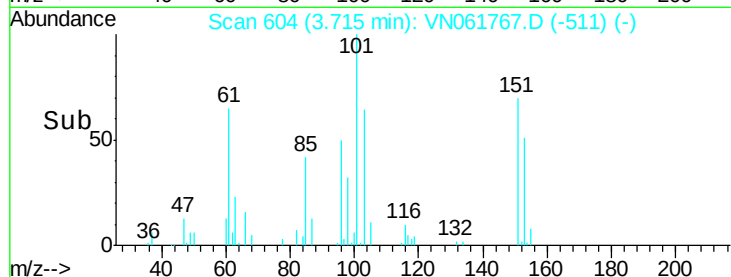
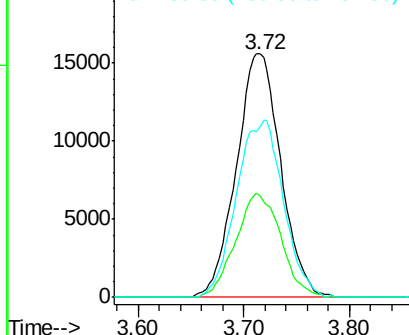
Tot Ion:	101	Resp:	45707
Ion Ratio	Lower	Upper	
101	100		
85	43.3	35.2	52.8
151	76.6	61.0	91.6

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6/12/2020 5:46:33 PM



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.739 ug/l

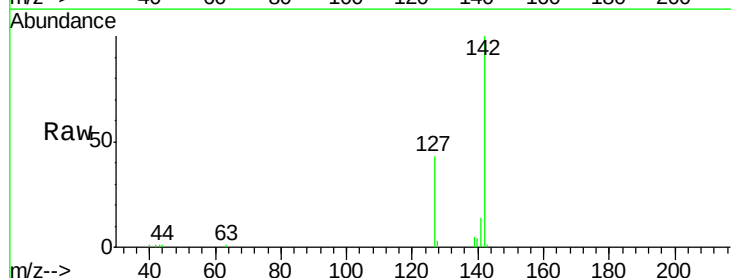
RT: 3.90 min Scan# 663

Delta R.T. -0.00 min

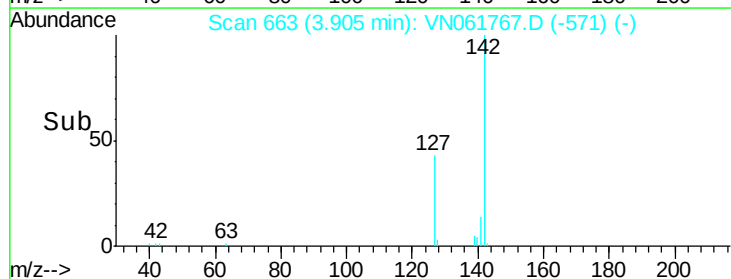
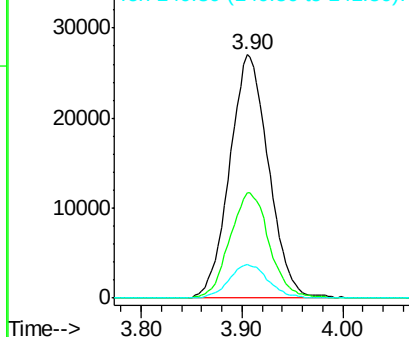
Lab File: VN061767.D

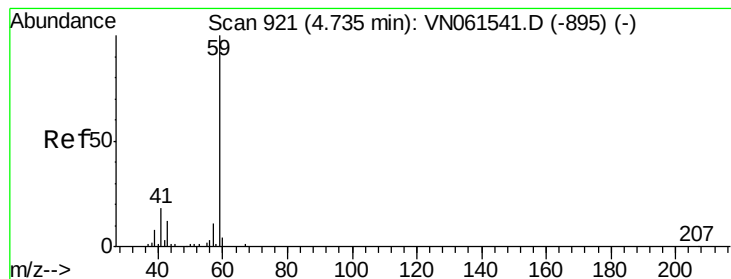
Acq: 12 Jun 2020 3:19

Tgt Ion:	142	Resp:	72292
Ion Ratio	Lower	Upper	
142	100		
127	43.7	35.5	53.3
141	13.9	11.5	17.3



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

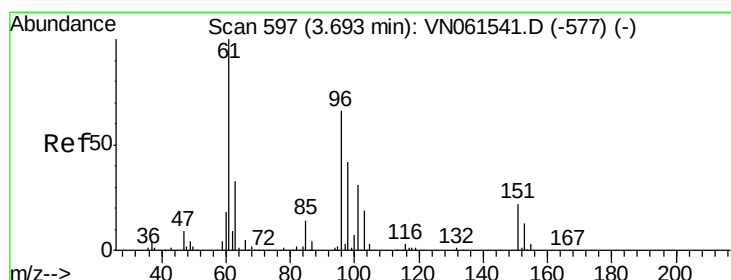
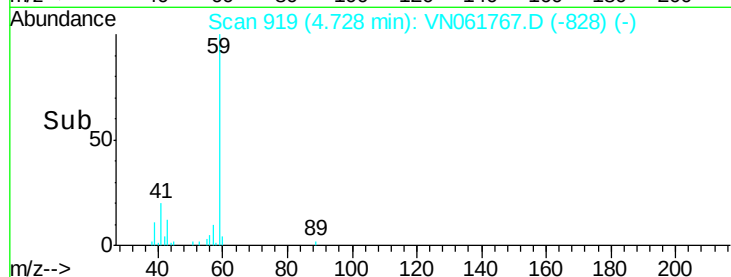
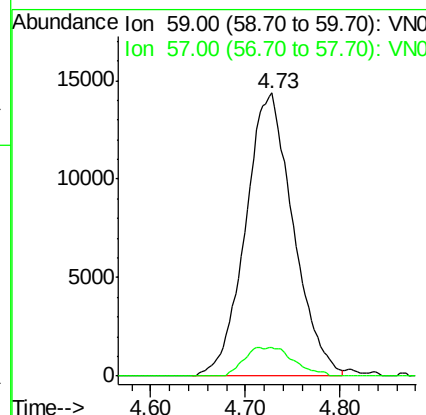
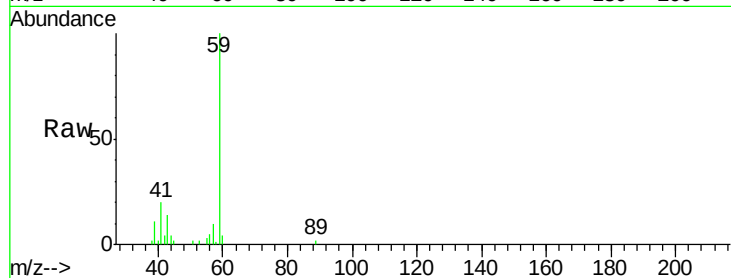
Tert butyl alcohol
Concen: 120.802 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.01 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tot Ion	Ratio	Resp	Lower	Upper
59	100	50261		
57	4.2		8.4	12.6#

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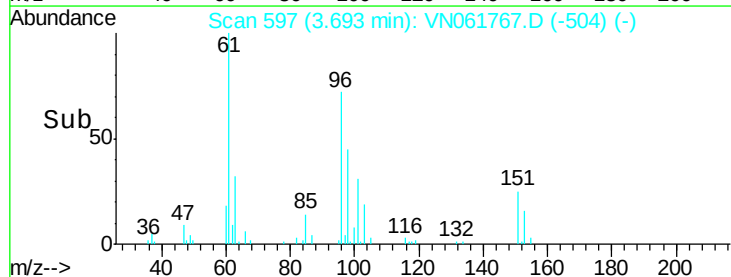
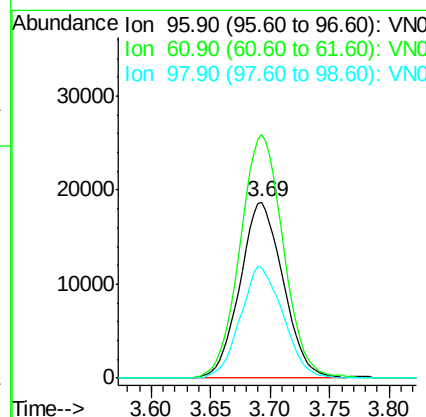
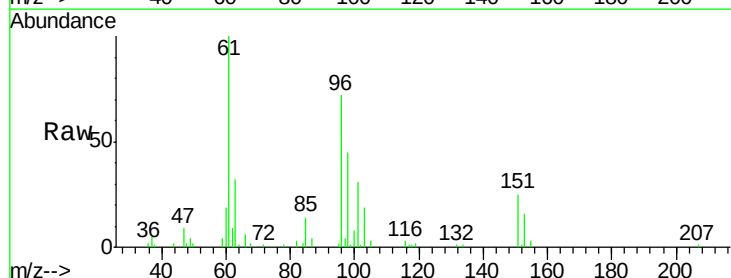
MMDadoda
6/12/2020 5:46:33 PM

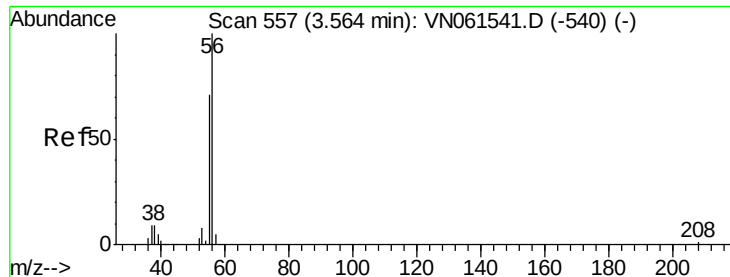


#12

1,1-Dichloroethene
Concen: 17.564 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	47119		
61	138.1		120.5	180.7
98	62.6		50.8	76.2





#13

Acrolein

Concen: 76.607 ug/l

RT: 3.56 min Scan# 556

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBS02

Tot Ion: 56 Resp: 11795

Ion Ratio Lower Upper

56 100

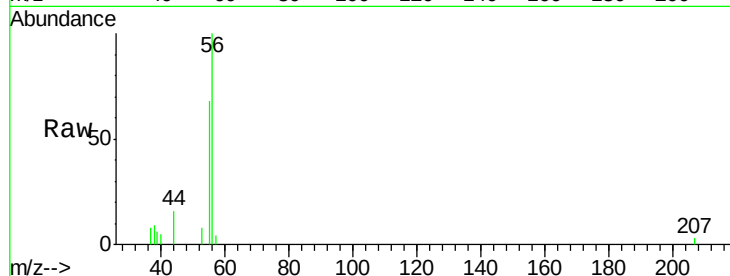
55 66.6 58.0 87.0

Manual Integrations

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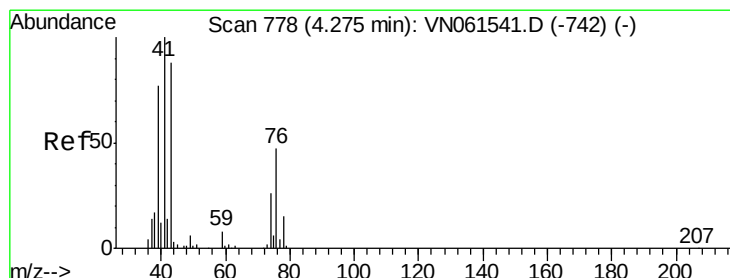
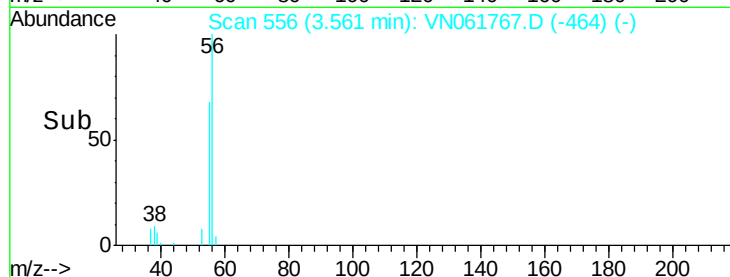
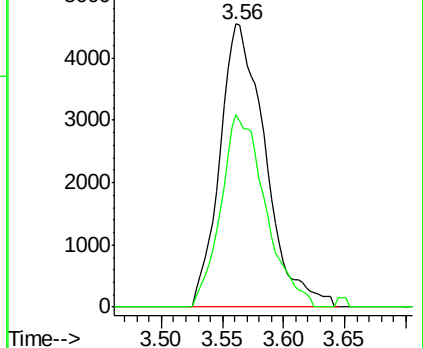
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Abundance Ion 56.00 (55.70 to 56.70): VN061767.D (-464) (-)

Ion 55.00 (54.70 to 55.70): VN061767.D (-464) (-)



#14

Allyl chloride

Concen: 17.581 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

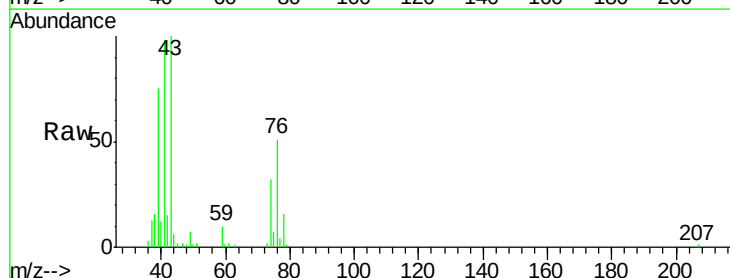
Tgt Ion: 41 Resp: 61662

Ion Ratio Lower Upper

41 100

39 73.1 58.6 88.0

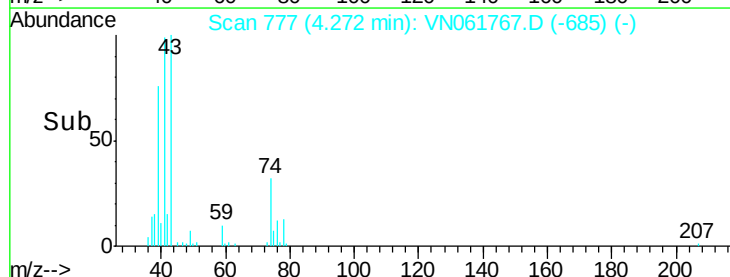
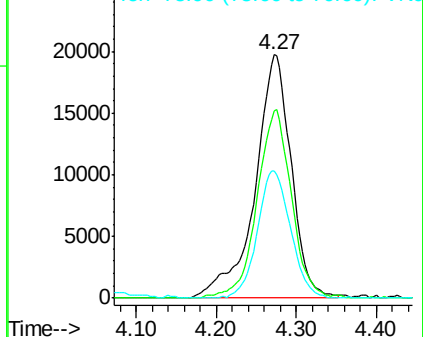
76 47.6 34.2 51.4

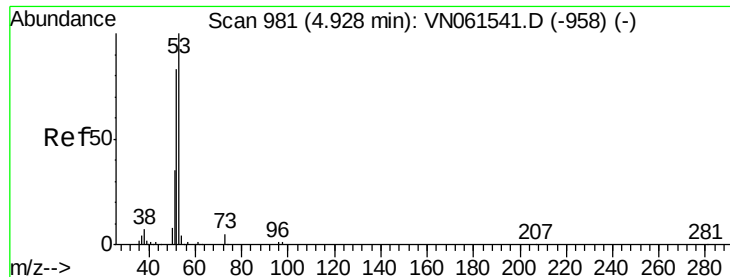


Abundance Ion 41.00 (40.70 to 41.70): VN061767.D (-685) (-)

Ion 39.00 (38.70 to 39.70): VN061767.D (-685) (-)

Ion 75.90 (75.60 to 76.60): VN061767.D (-685) (-)





#15

Acrylonitrile

Concen: 104.572 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Instrument :

MSVOA_N

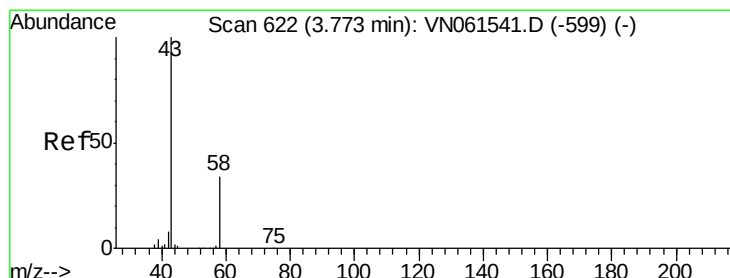
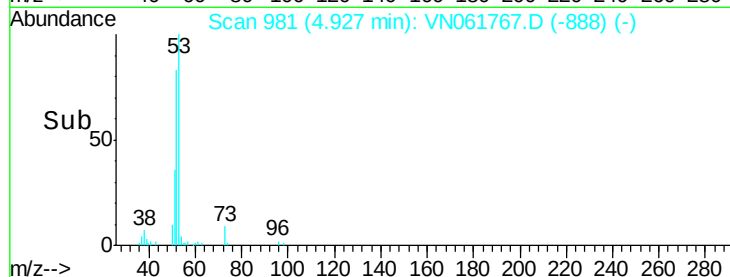
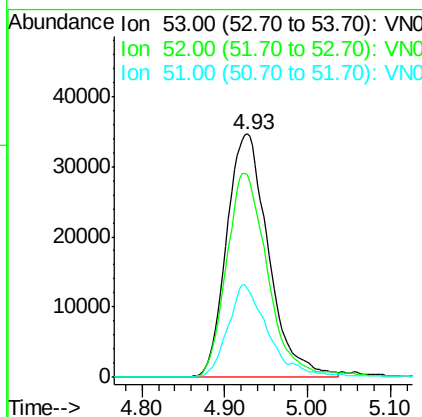
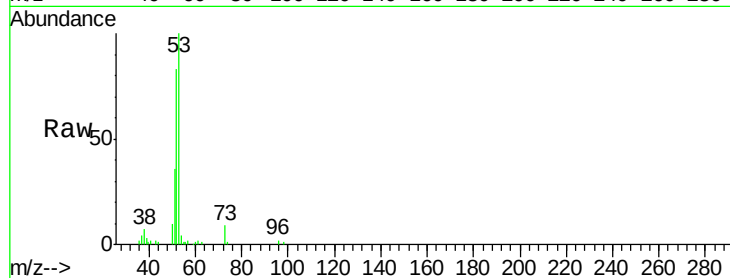
ClientSampleId :

VN0611WBS02

Tot Ion:	53	Resp:	121441
Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.4	98.2
51	34.2	29.0	43.6

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#16

Acetone

Concen: 109.604 ug/l

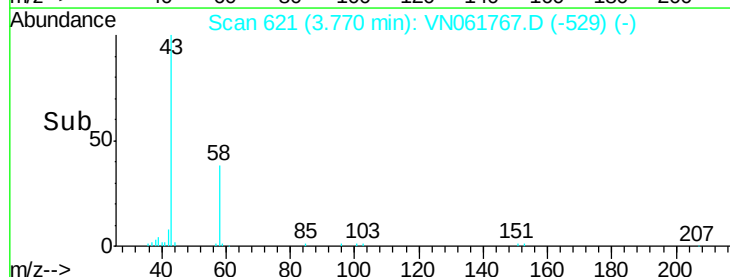
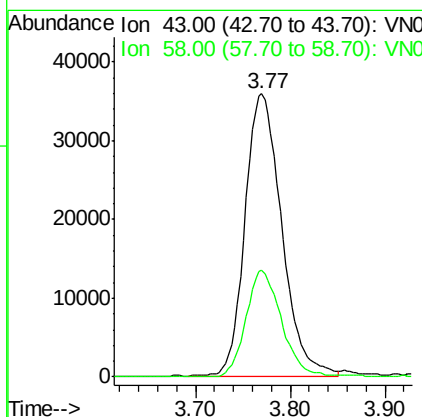
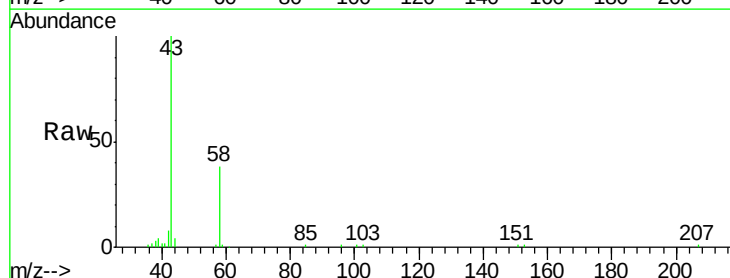
RT: 3.77 min Scan# 621

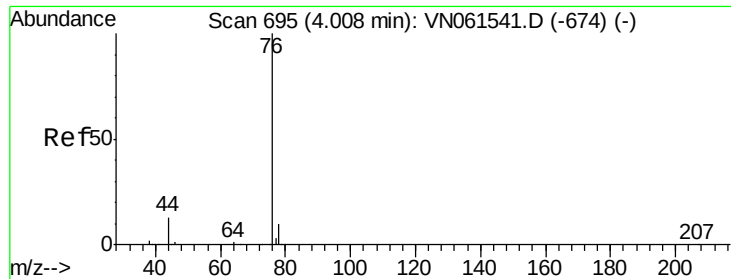
Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Tgt Ion:	43	Resp:	97489
Ion	Ratio	Lower	Upper
43	100		
58	37.6	27.2	40.8





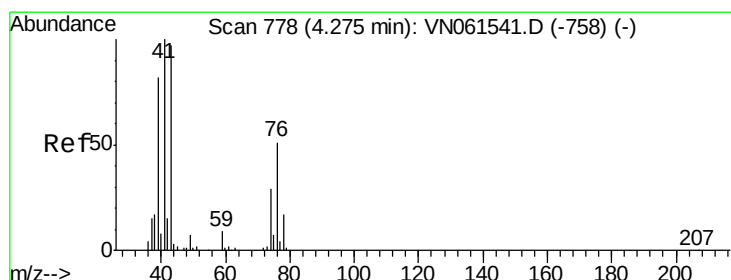
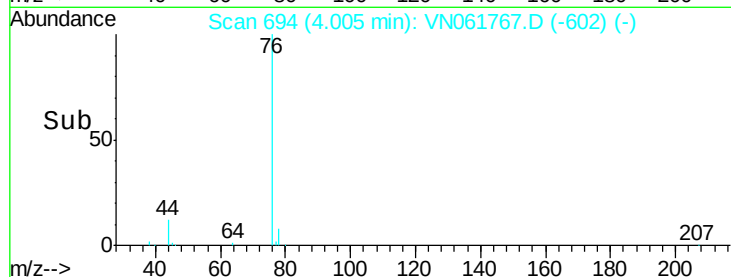
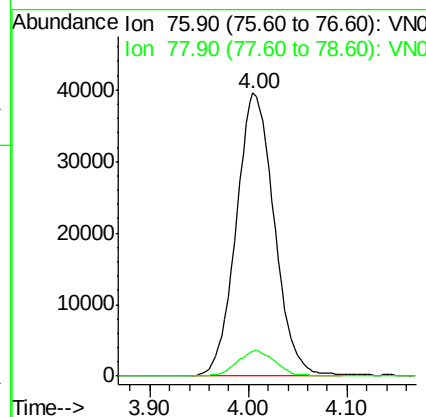
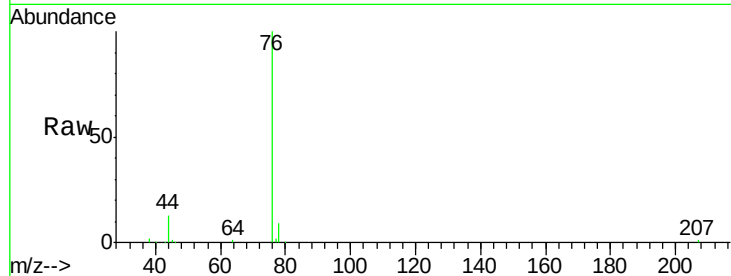
#17
Carbon Disulfide
Concen: 17.941 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.8	11.6

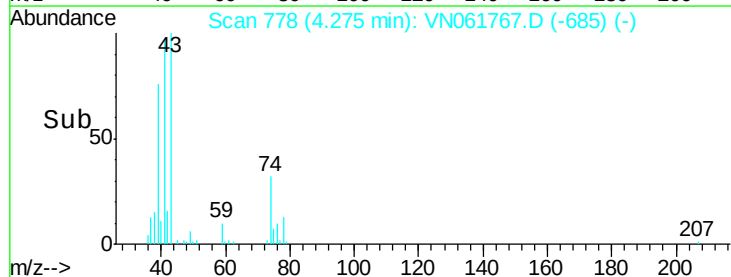
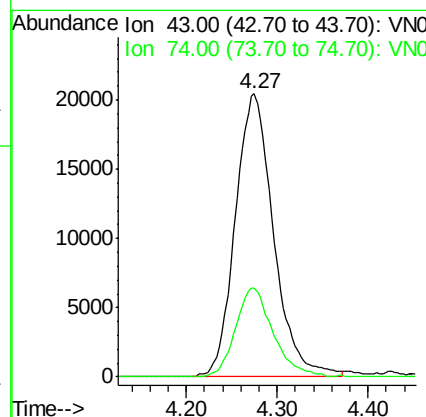
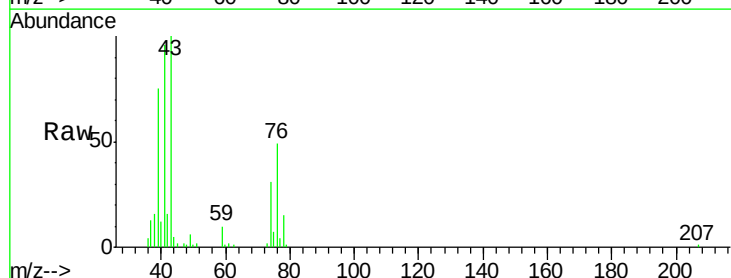
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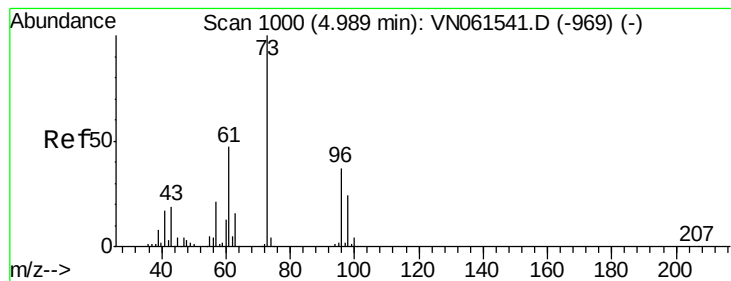
MMDadoda
6/12/2020 5:46:33 PM



#18
Methyl Acetate
Concen: 21.143 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Tgt Ion	Ratio	Lower	Upper
43	100		
74	30.7	23.2	34.8





#19

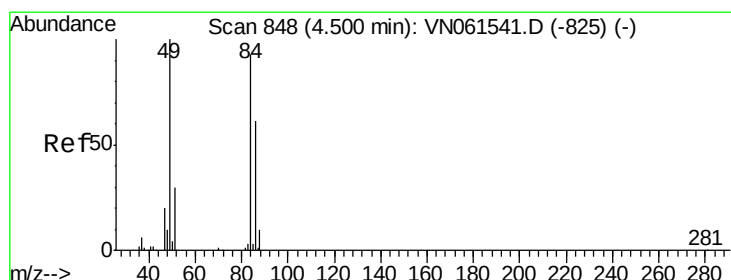
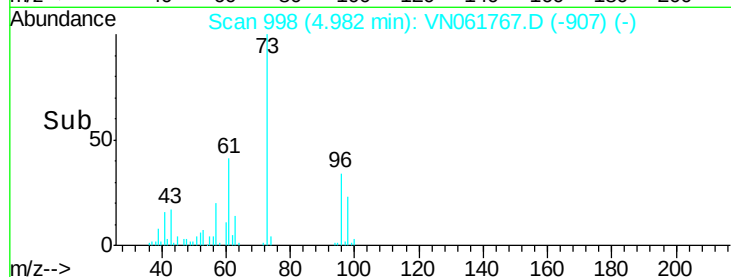
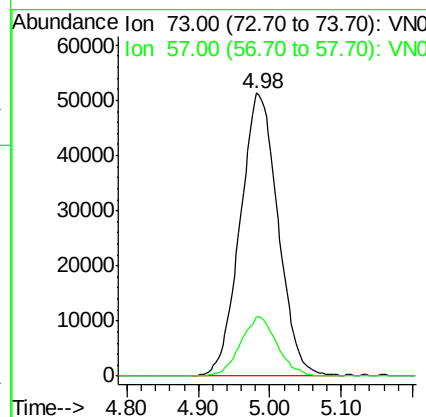
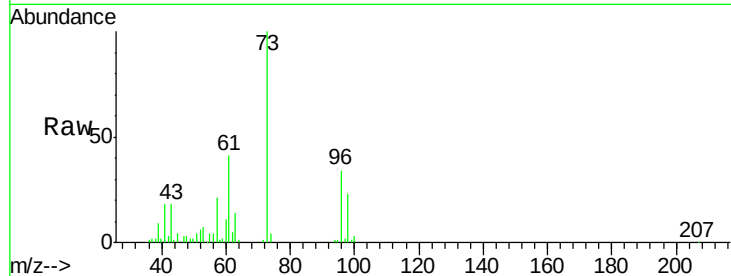
Methvl tert-butyl Ether
 Concen: 20.727 ug/l
 RT: 4.98 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.8	16.4	24.6

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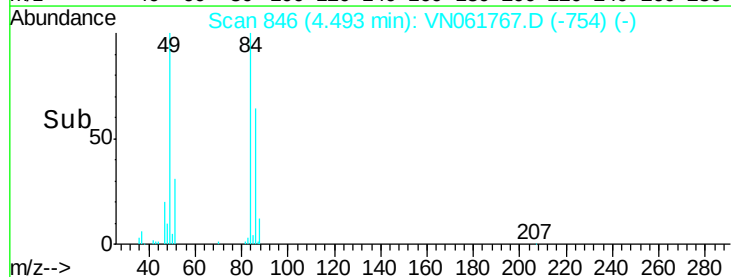
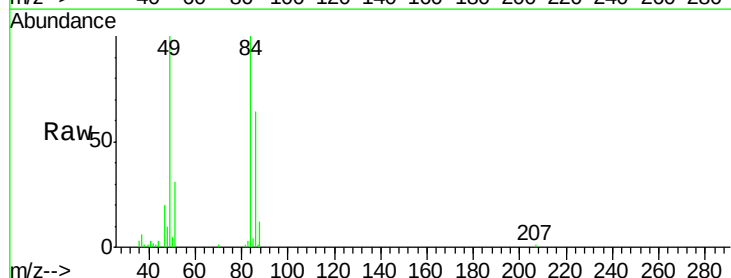
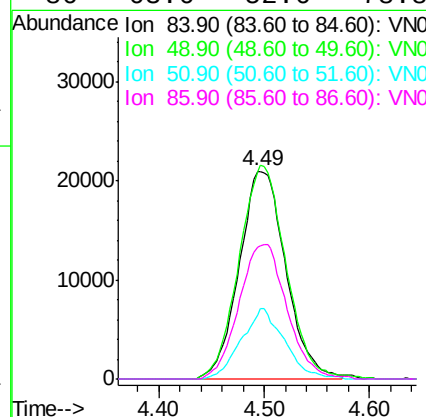
MMDadoda
 6/12/2020 5:46:33 PM

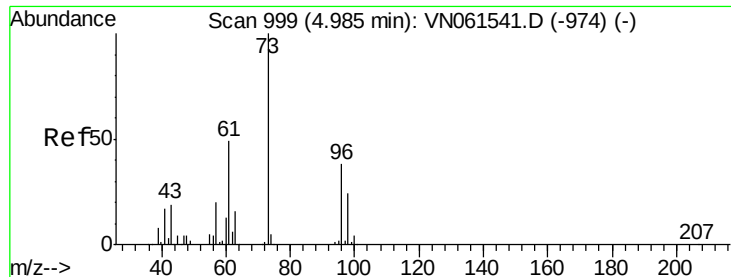


#20

Methylene Chloride
 Concen: 21.699 ug/l
 RT: 4.49 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

Tgt Ion	Ratio	Lower	Upper
84	100		
49	99.8	85.8	128.8
51	30.9	26.2	39.2
86	63.6	52.6	78.8





#21

trans-1,2-Dichloroethene

Concen: 19.493 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Instrument :

MSVOA_N

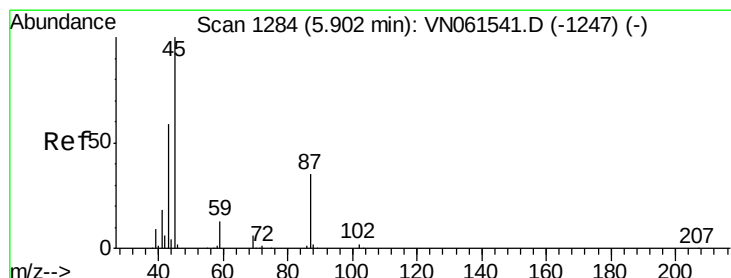
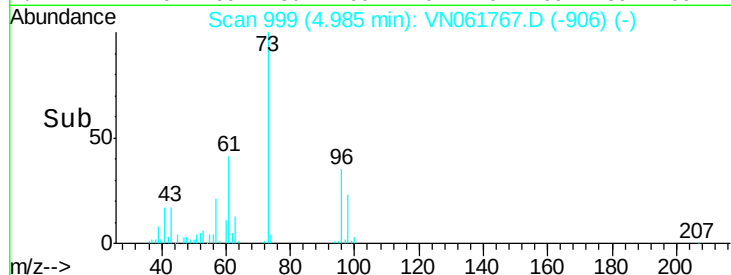
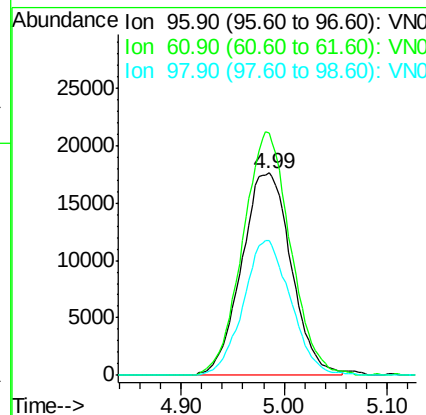
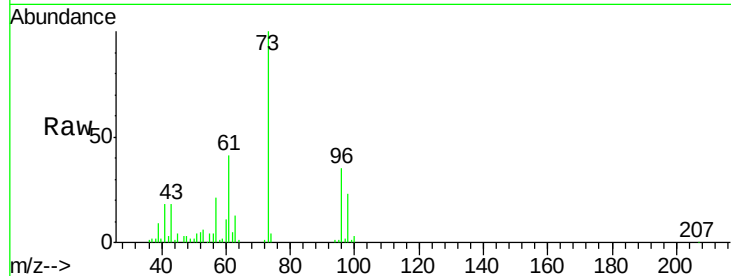
ClientSampleId :

VN0611WBS02

Tot Ion:	96	Resp:	58973
Ion	Ratio	Lower	Upper
96	100		
61	119.8	101.4	152.0
98	66.7	50.6	76.0

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#22

Diisopropyl ether

Concen: 20.851 ug/l

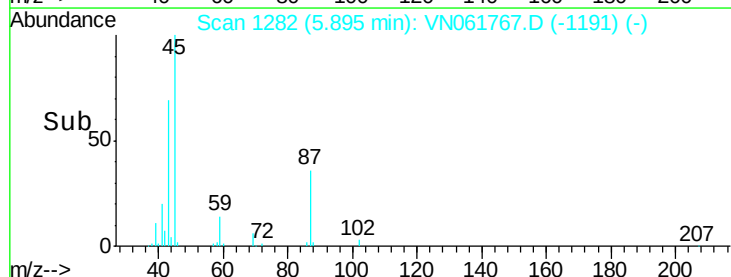
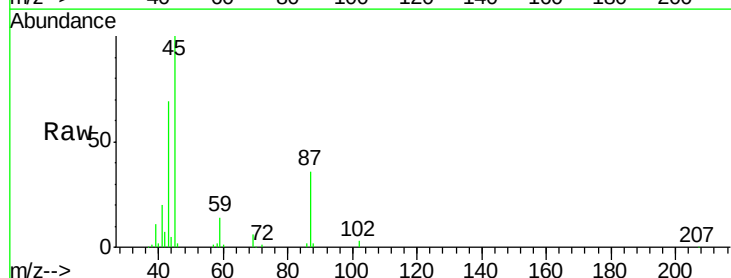
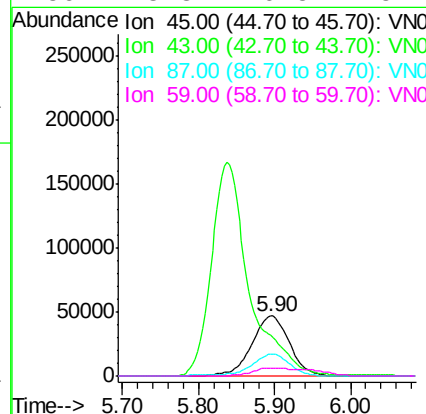
RT: 5.90 min Scan# 1282

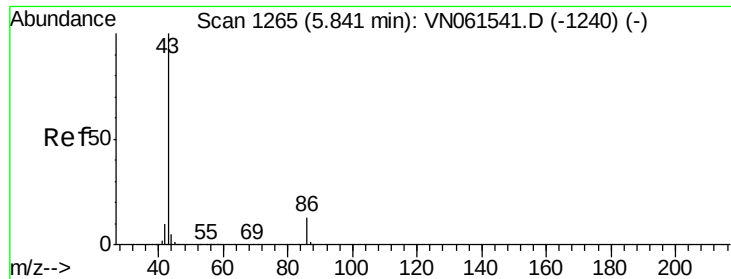
Delta R.T. -0.01 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Tgt Ion:	45	Resp:	161180
Ion	Ratio	Lower	Upper
45	100		
43	66.4	47.9	71.9
87	36.5	28.4	42.6
59	13.3	10.5	15.7





#23

Vinyl Acetate

Concen: 93.830 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBS02

Tot Ion: 43 Resp: 578089

Ion Ratio Lower Upper

43 100

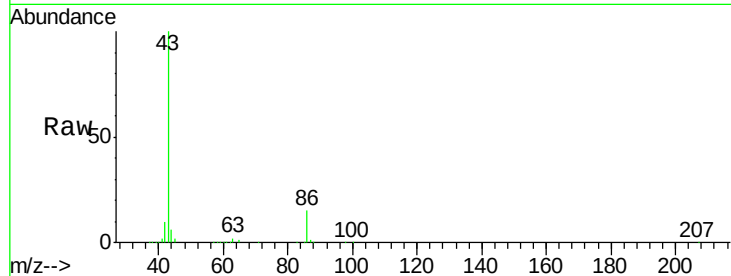
86 14.6 10.6 16.0

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Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-1240) (-)

Ion 86.00 (85.70 to 86.70): VN061541.D (-1240) (-)

5.84

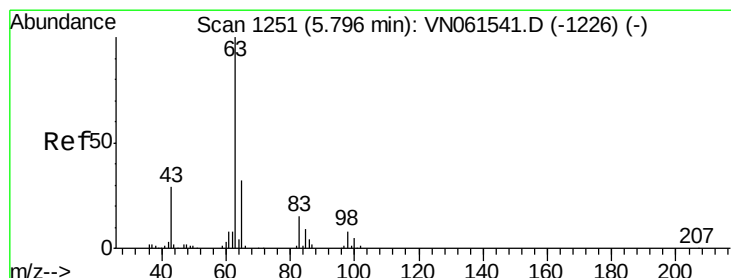
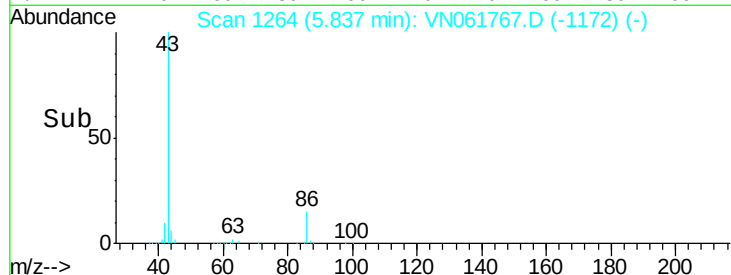
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.487 ug/l

RT: 5.79 min Scan# 1249

Delta R.T. -0.01 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

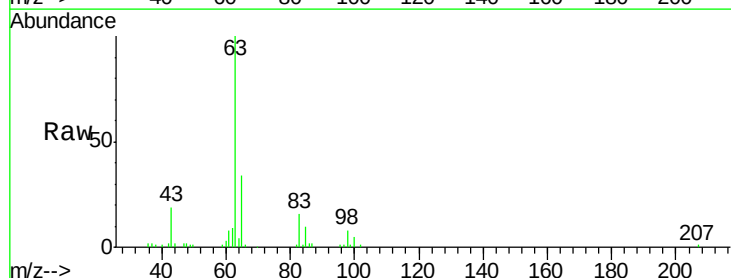
Tgt Ion: 63 Resp: 100422

Ion Ratio Lower Upper

63 100

98 7.7 3.8 11.4

100 5.2 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VN061541.D (-1226) (-)

Ion 97.90 (97.60 to 98.60): VN061541.D (-1226) (-)

Ion 99.90 (99.60 to 100.60): VN061541.D (-1226) (-)

5.79

40000

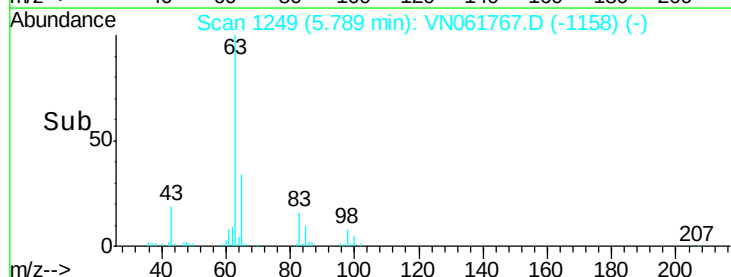
30000

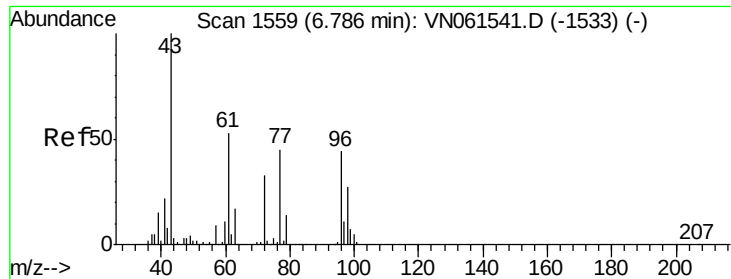
20000

10000

0

Time-->





#25

2-Butanone

Concen: 96.651 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.01 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Instrument :

MSVOA_N

ClientSampled :

VN0611WBS02

Tot Ion: 43 Resp: 143280

Ion Ratio Lower Upper

43 100

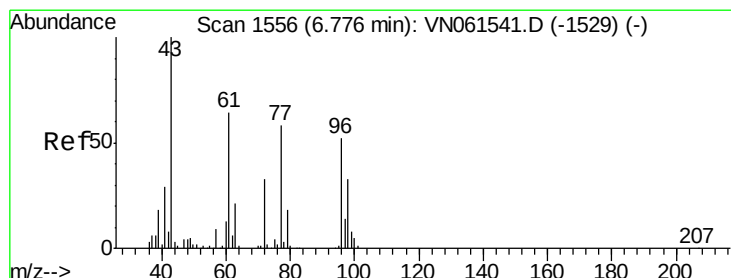
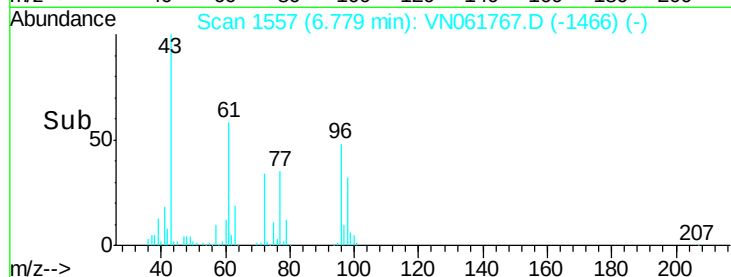
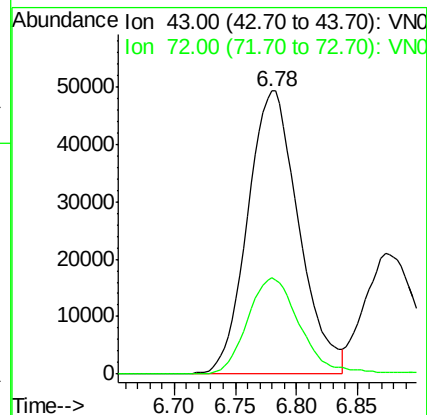
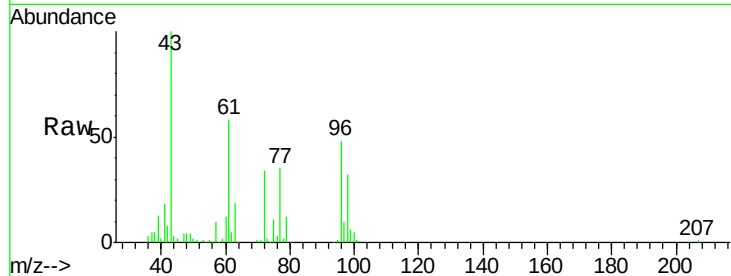
72 33.9 26.0 39.0

Manual Integrations

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6/12/2020 5:46:33 PM



#26

2,2-Dichloropropane

Concen: 13.928 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.01 min

Lab File: VN061767.D

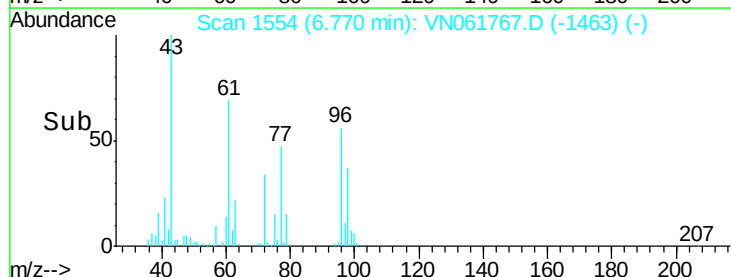
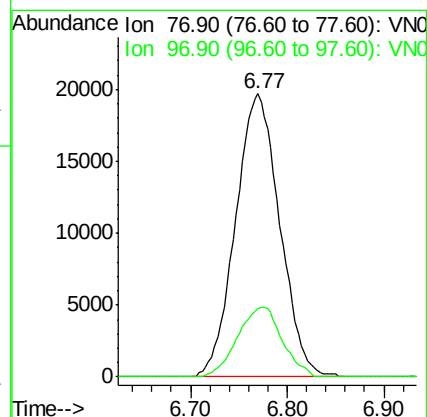
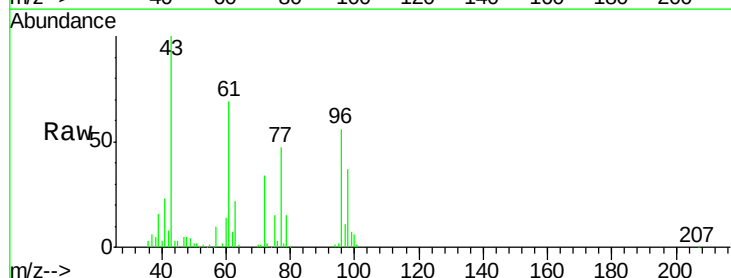
Acq: 12 Jun 2020 3:19

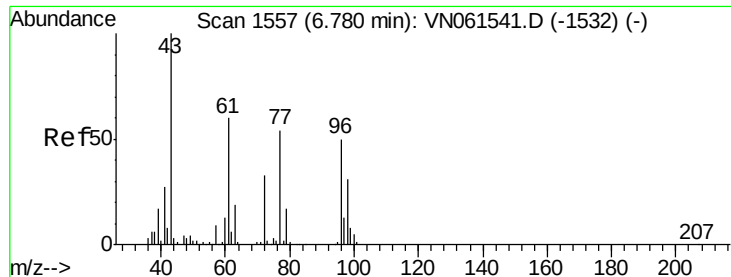
Tgt Ion: 77 Resp: 62486

Ion Ratio Lower Upper

77 100

97 24.8 12.0 36.0





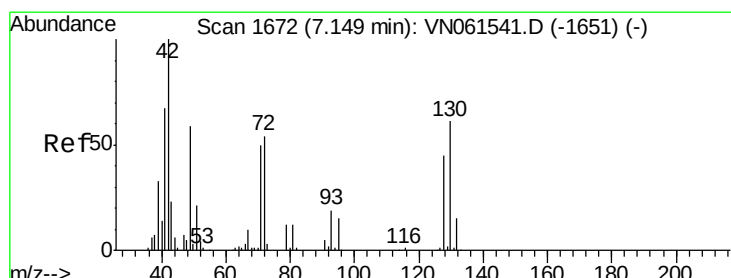
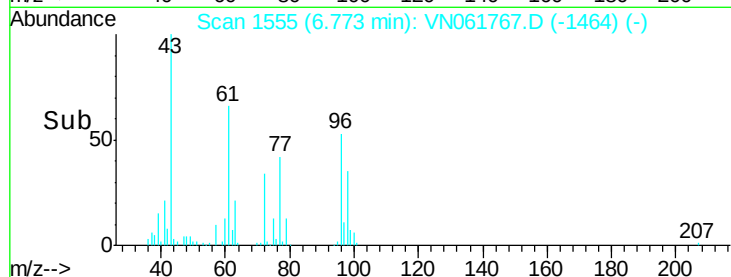
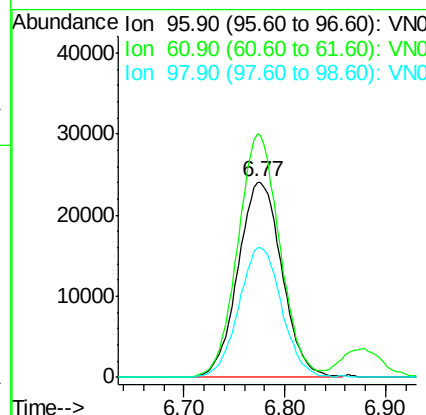
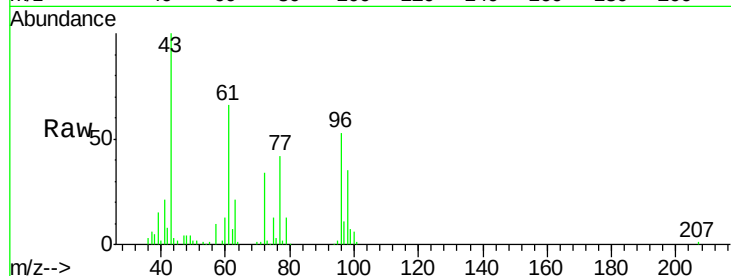
#27
 cis-1,2-Dichloroethene
 Concen: 21.270 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	118.8	0.0	252.2
98	64.7	0.0	129.2

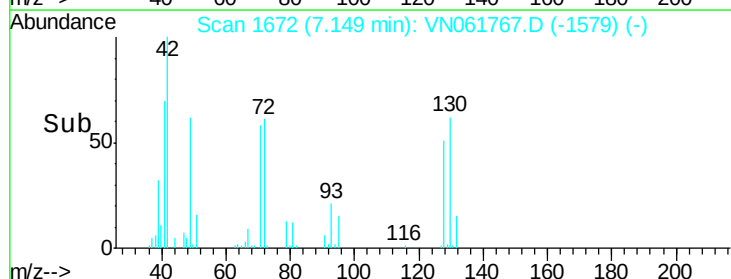
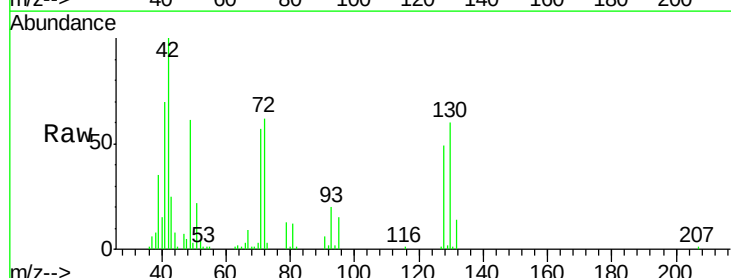
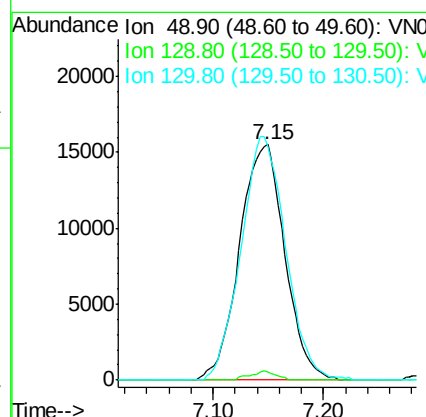
Manual Integrations
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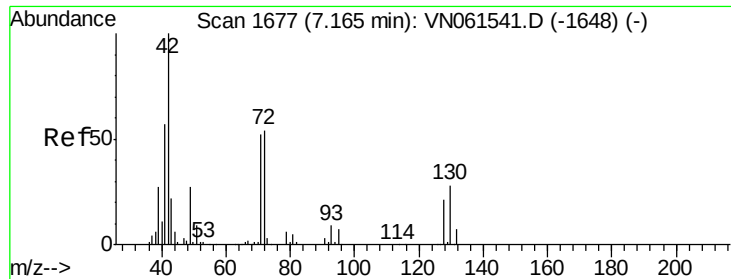
MMDadoda
 6/12/2020 5:46:33 PM



#28
 Bromochloromethane
 Concen: 23.238 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.8
130	102.2	78.8	118.2





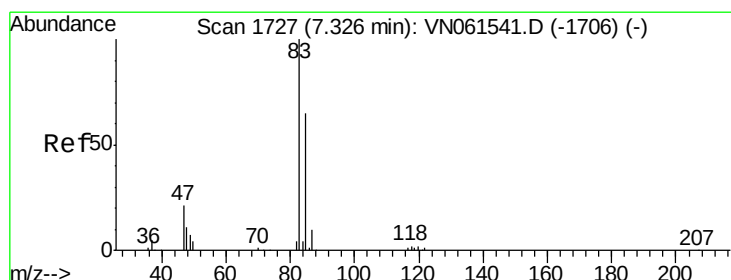
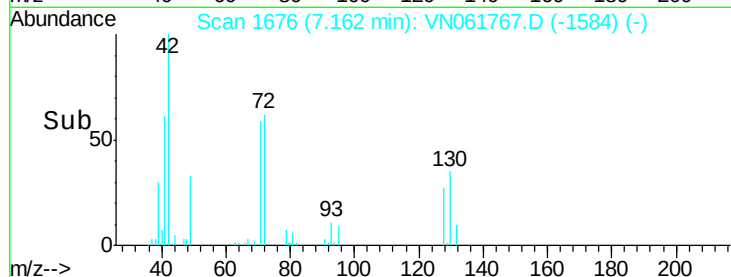
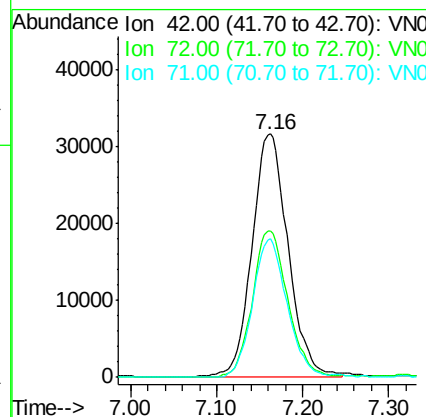
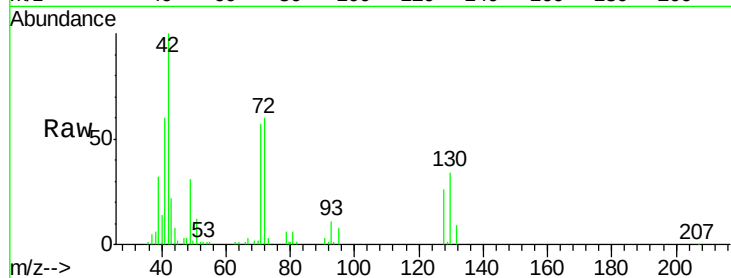
#29
Tetrahydrofuran
Concen: 94.919 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	59.0	43.6	65.4
71	54.1	41.2	61.8

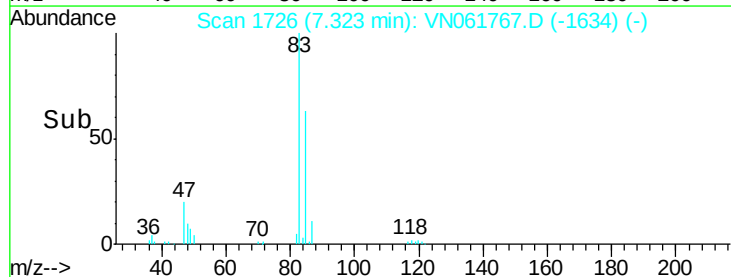
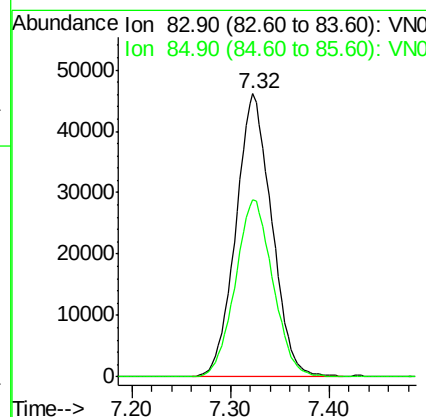
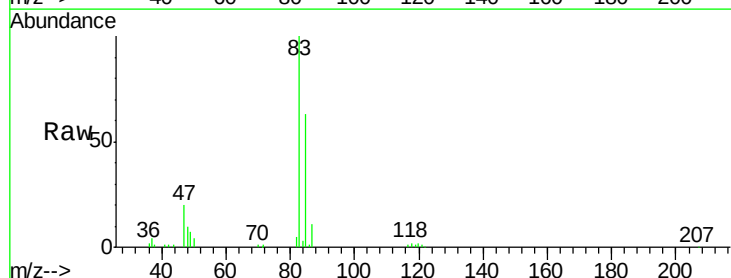
Manual Integrations
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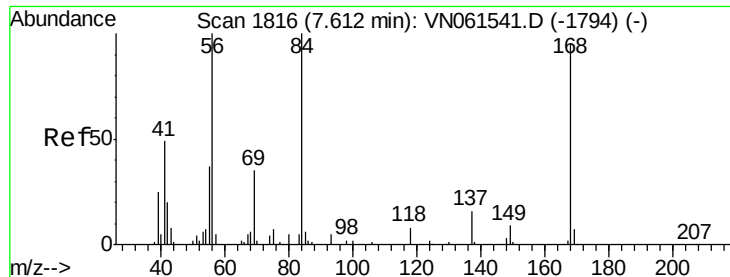
MMDadoda
6/12/2020 5:46:33 PM



#30
Chloroform
Concen: 21.516 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.7	77.5





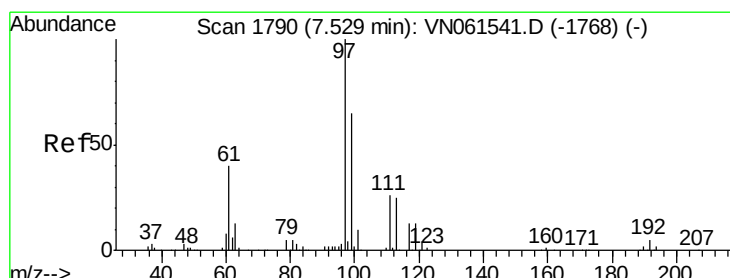
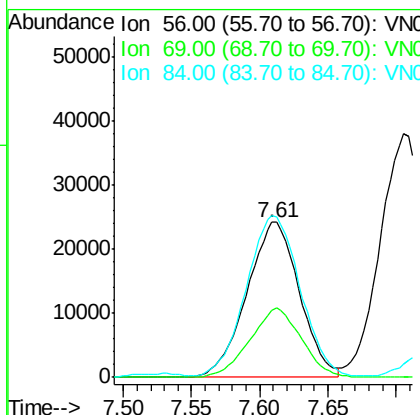
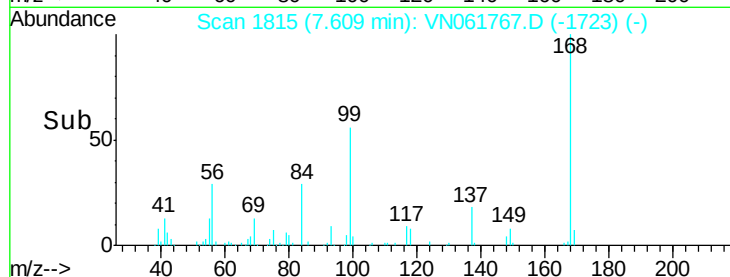
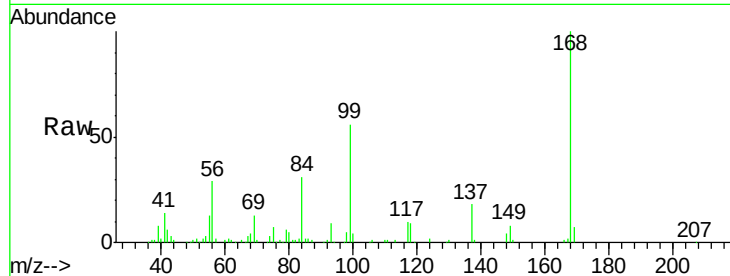
#31
Cyclohexane
Concen: 14.678 ug/l
RT: 7.61 min Scan# 1815
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	43.4	27.8	41.8#
84	102.9	79.9	119.9

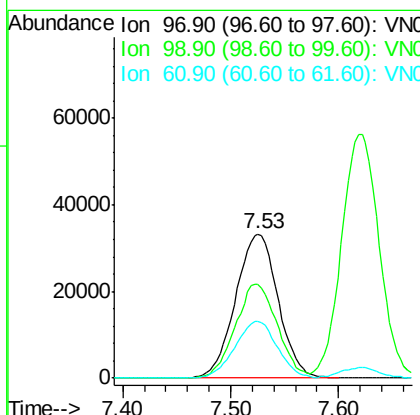
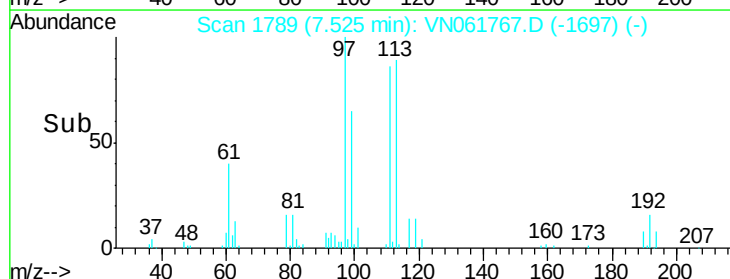
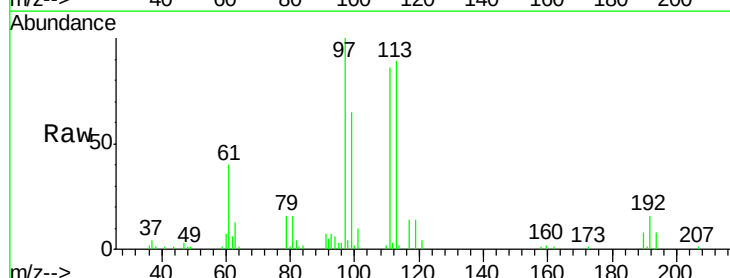
Manual Integrations
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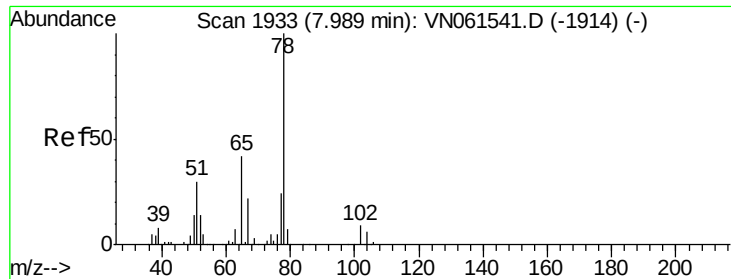
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 18.377 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.4	77.0
61	39.4	31.4	47.0





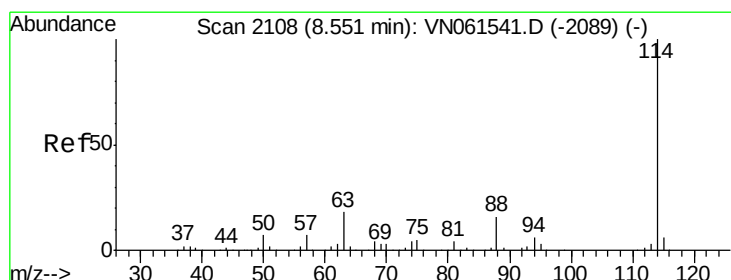
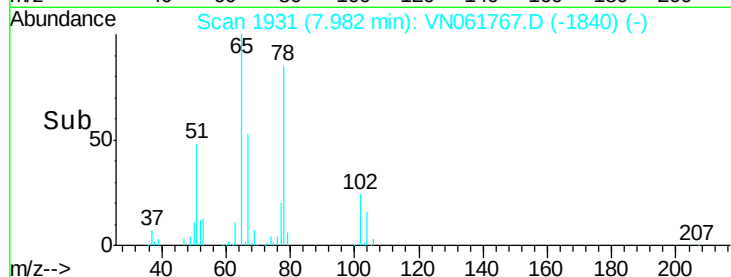
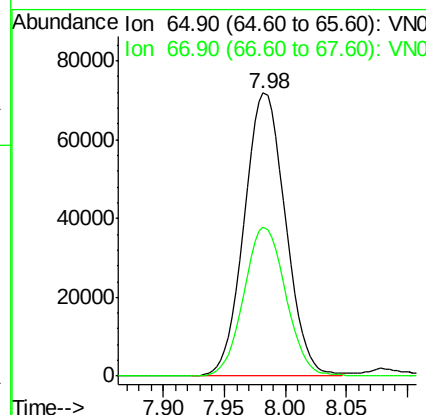
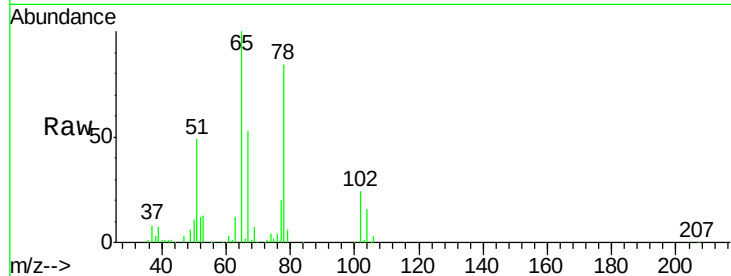
#33
 1,2-Dichloroethane-d4
 Concen: 53.856 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	168462		
67	53.4	0.0	104.8	

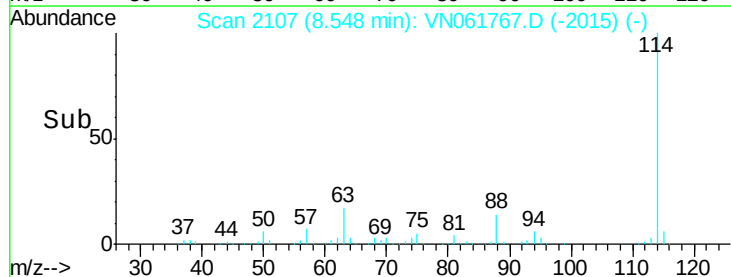
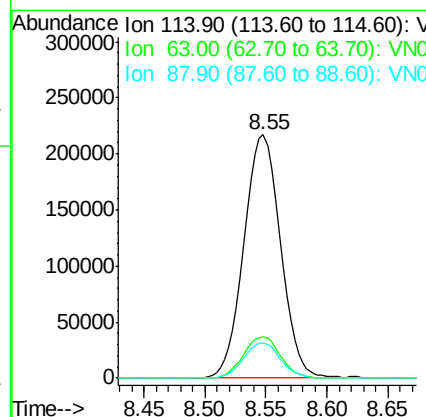
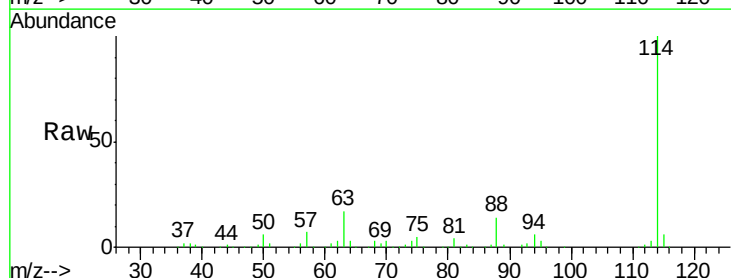
Manual Integrations
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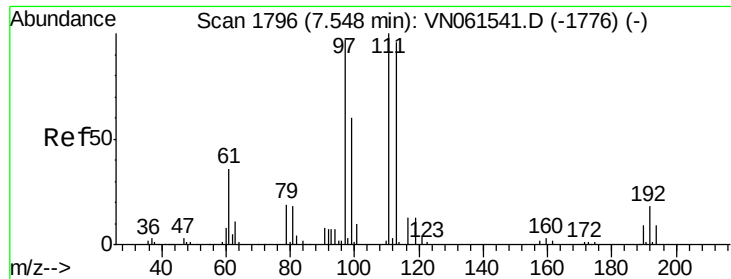
MMDadoda
 6/12/2020 5:46:33 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	451447		
63	16.8	0.0	35.8	
88	14.5	0.0	31.0	





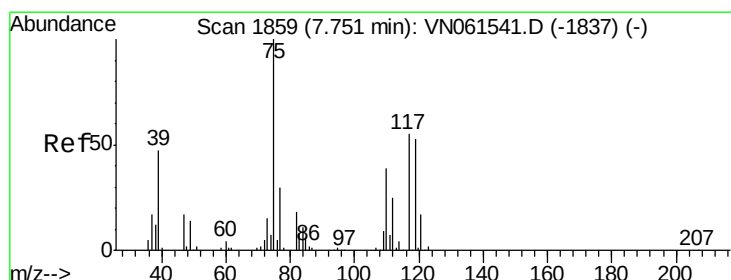
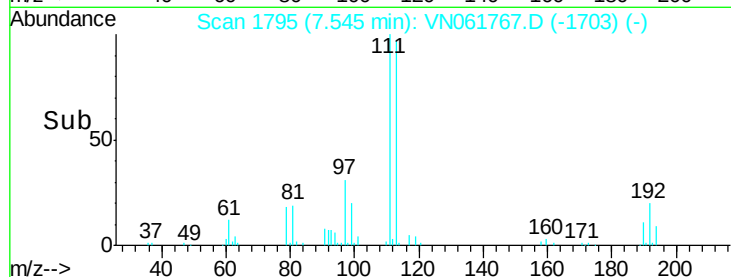
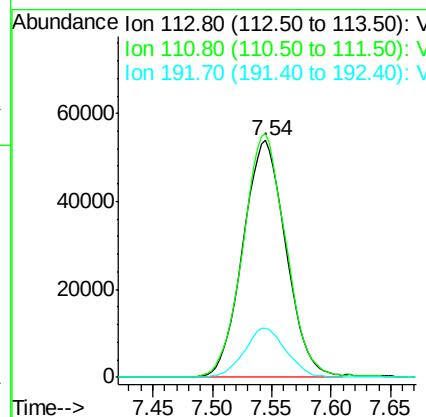
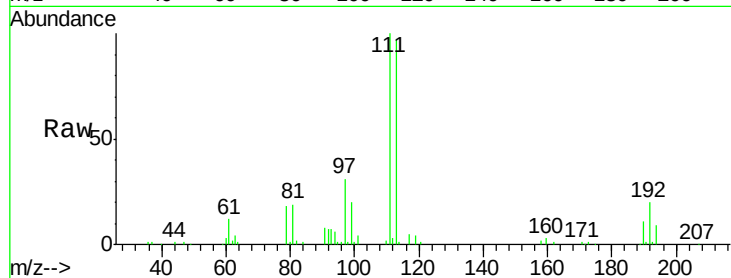
#35
 Dibromofluoromethane
 Concen: 58.957 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	135018		
111	102.6	83.4	125.0	
192	20.4	15.4	23.2	

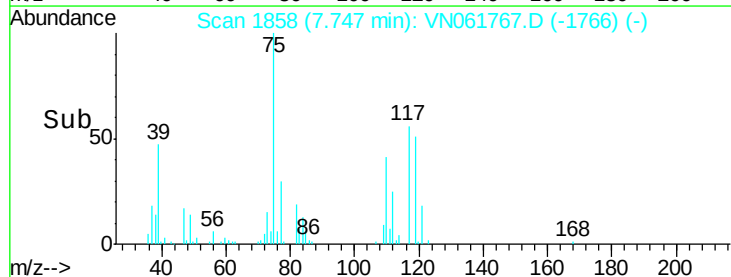
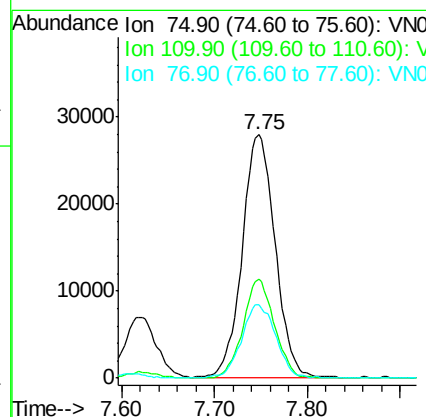
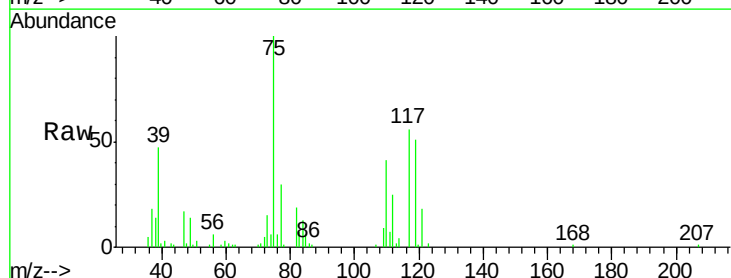
Manual Integrations
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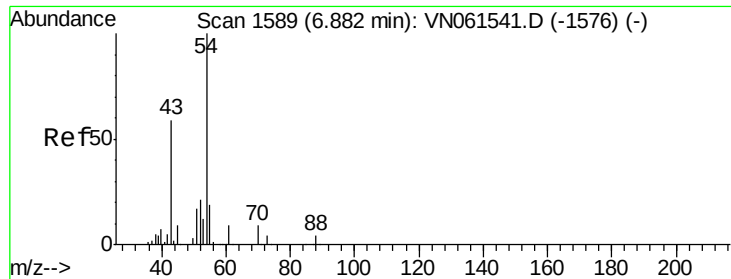
MMDadoda
 6/12/2020 5:46:33 PM



#36
 1,1-Dichloropropene
 Concen: 17.355 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	69361		
110	38.5	19.5	58.5	
77	31.1	24.7	37.1	





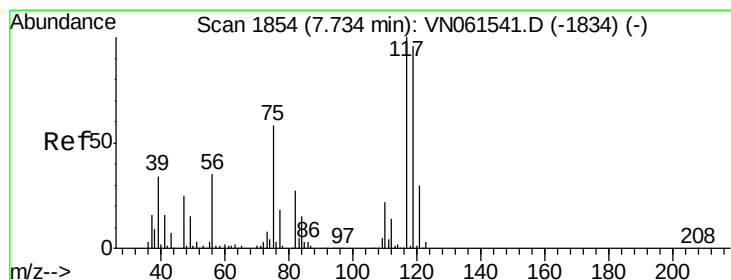
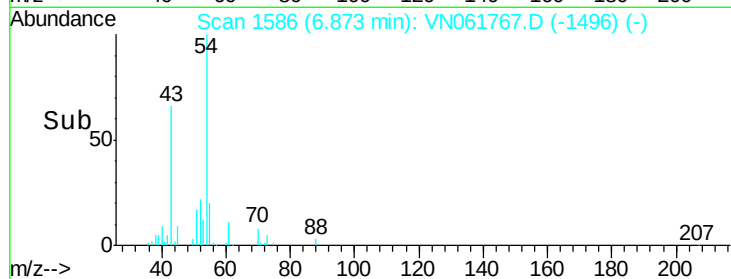
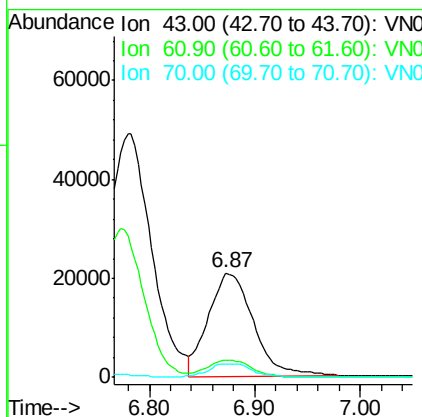
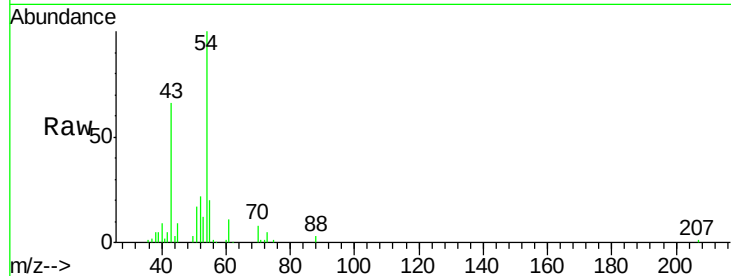
#37
Ethyl Acetate
Concen: 19.129 ug/l
RT: 6.87 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.8	12.2	18.4
70	6.6	9.4	14.2

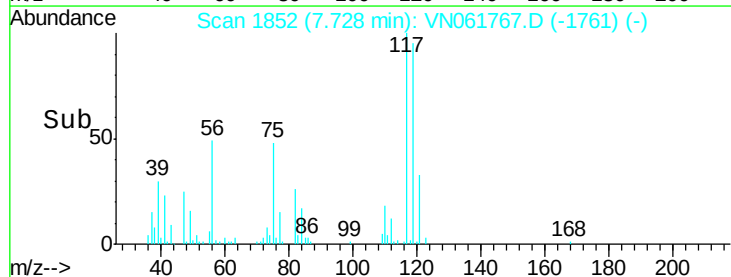
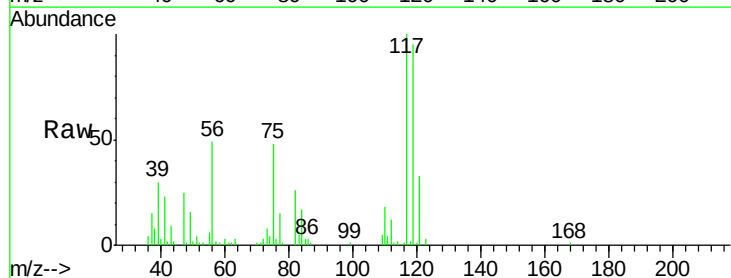
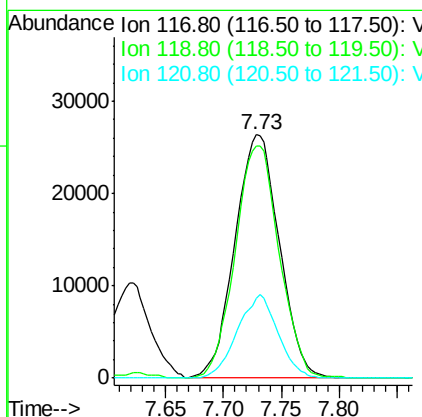
Manual Integrations
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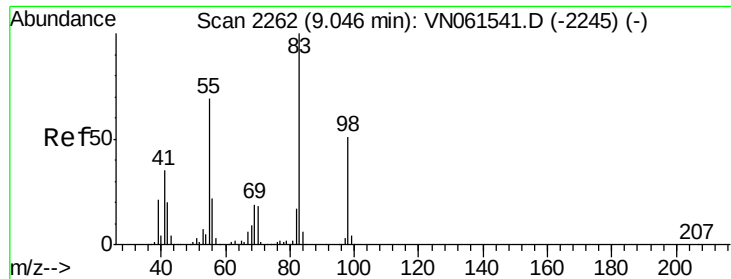
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6/12/2020 5:46:33 PM



#38
Carbon Tetrachloride
Concen: 18.211 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.01 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.5	114.7
121	32.6	24.1	36.1





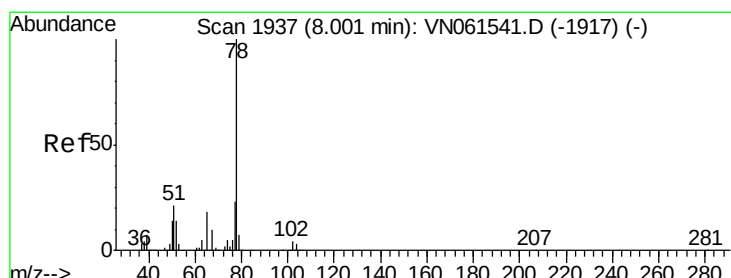
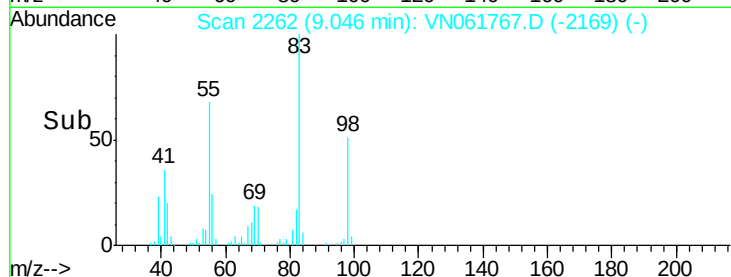
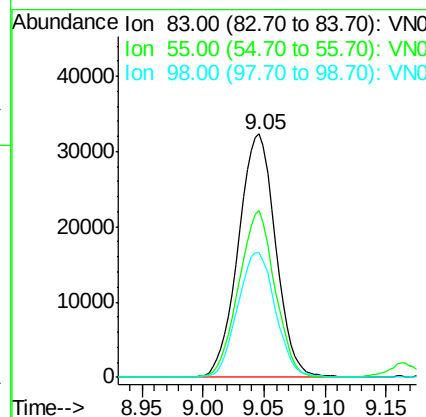
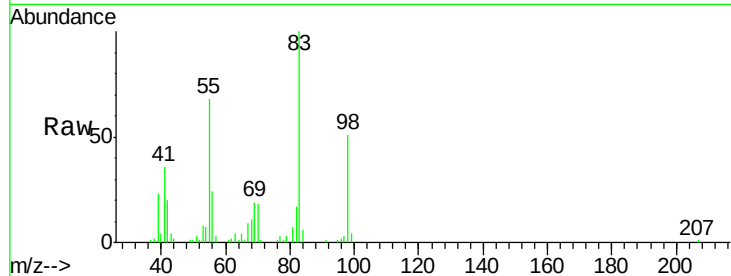
#39
Methylvlcyclohexane
Concen: 13.894 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.4	54.9	82.3
98	51.1	41.0	61.4

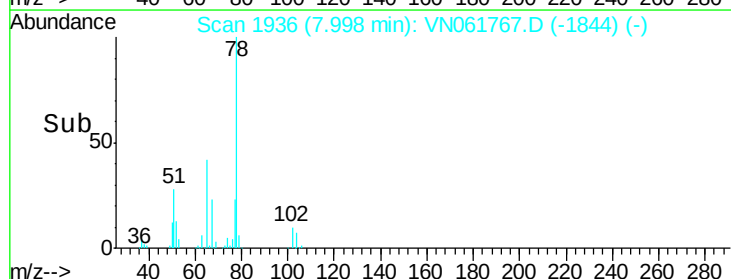
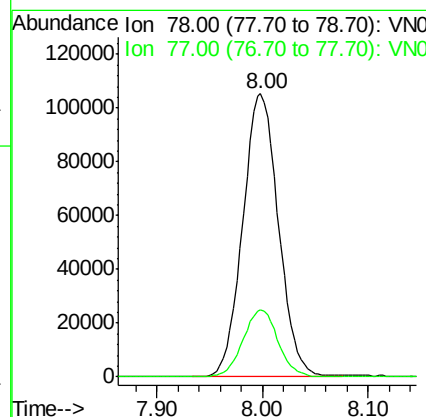
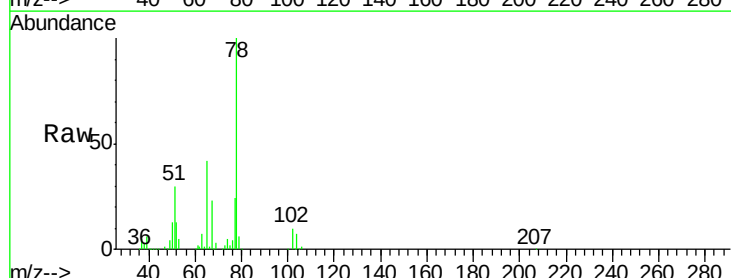
Manual Integrations
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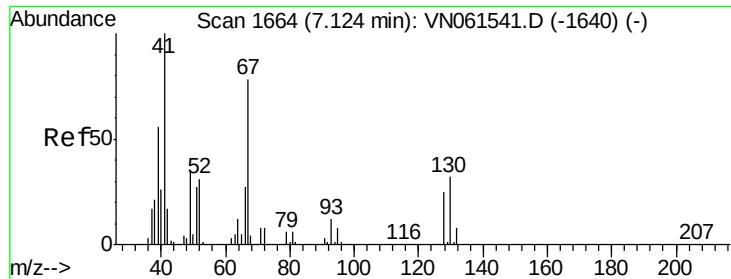
MMDadoda
6/12/2020 5:46:33 PM



#40
Benzene
Concen: 20.111 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.6	28.0





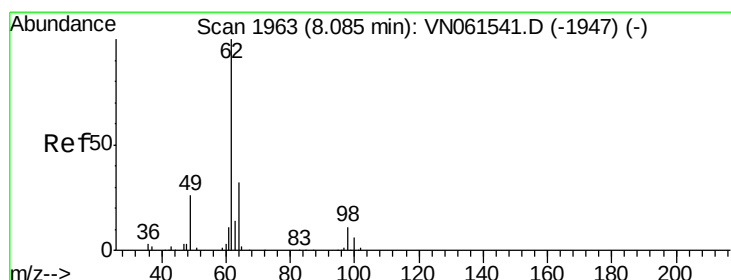
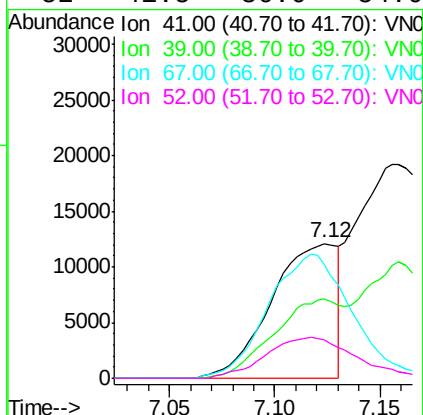
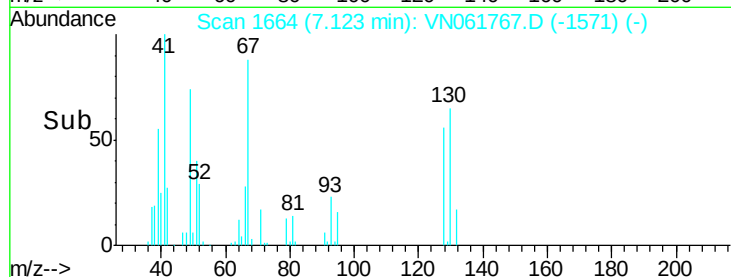
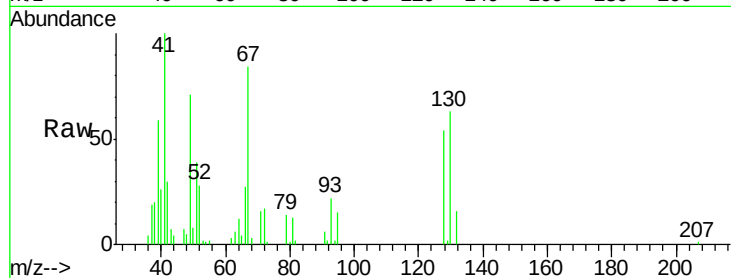
#41
Methacrylonitrile
Concen: 17.888 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tot Ion	Ion	Ratio	Lower	Upper
26381	41	100		
	39	60.9	53.8	80.6
	67	118.0	91.1	136.7
	52	41.5	36.0	54.0

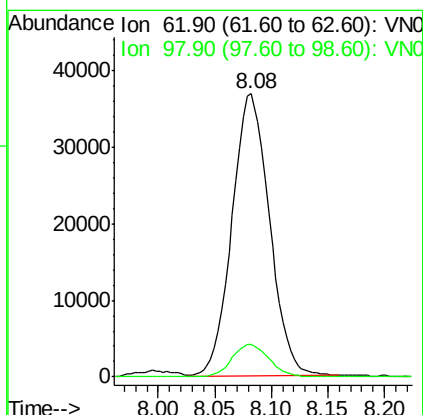
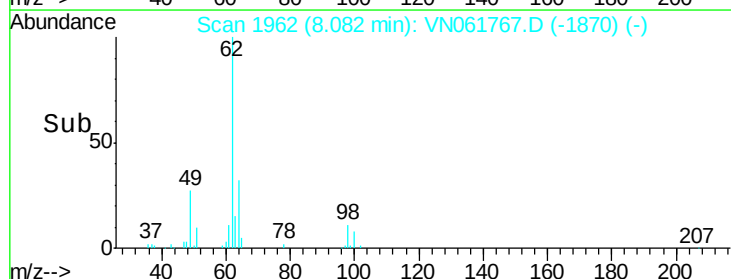
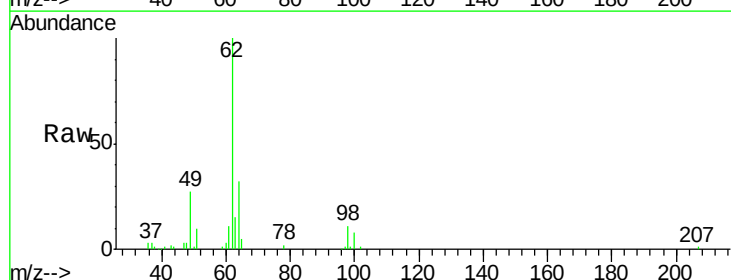
Manual Integrations
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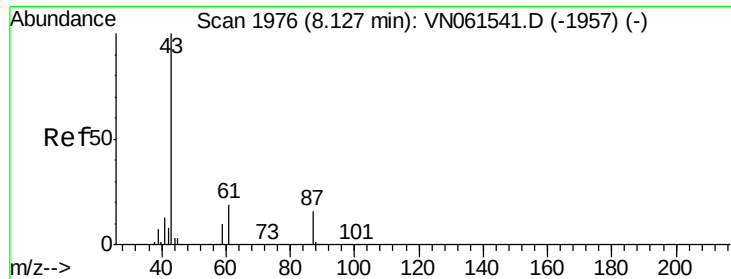
MMDadoda
6/12/2020 5:46:33 PM



#42
1,2-Dichloroethane
Concen: 20.616 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Tgt Ion	Ion	Ratio	Lower	Upper
85109	62	100		
	98	11.3	0.0	21.4





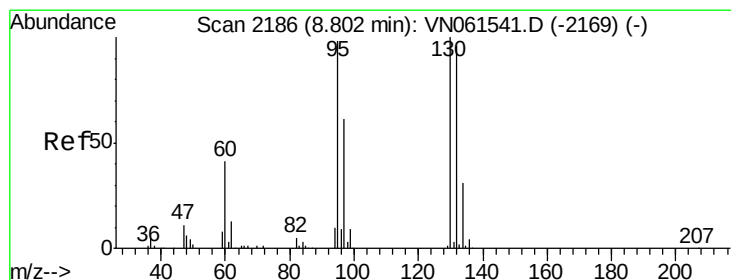
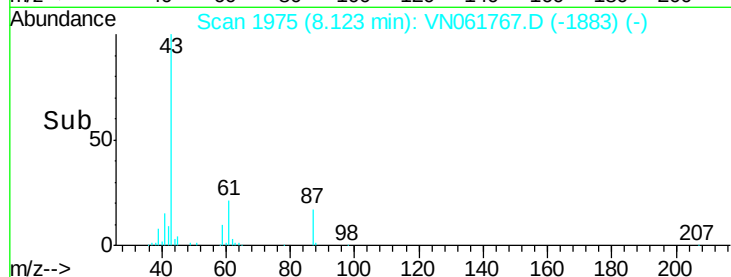
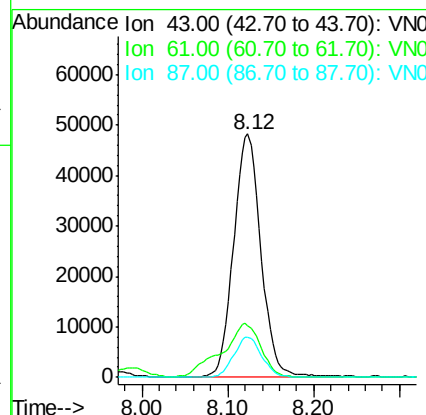
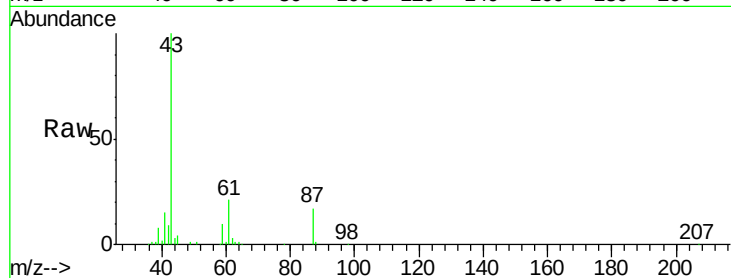
#43
Isopropyl Acetate
Concen: 18.412 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.5	23.6	35.4
87	16.9	13.0	19.6

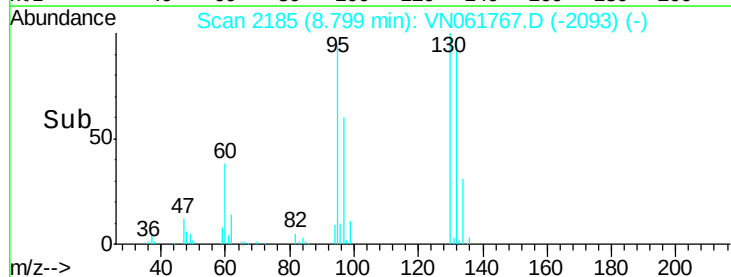
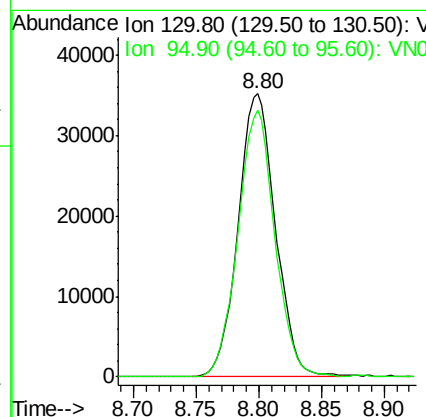
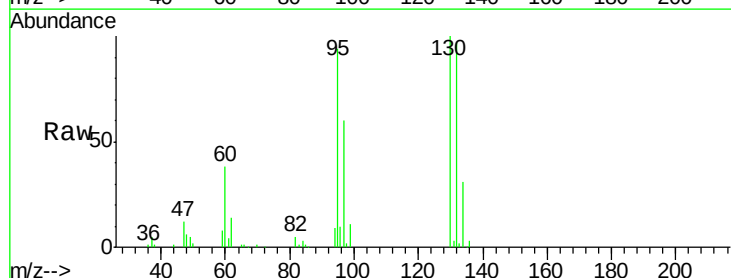
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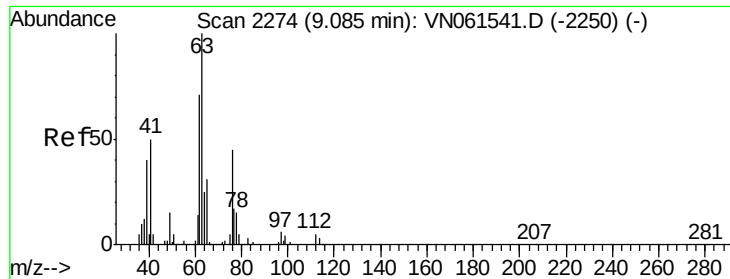
MMDadoda
6/12/2020 5:46:33 PM



#44
Trichloroethene
Concen: 19.190 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.2	0.0	196.6





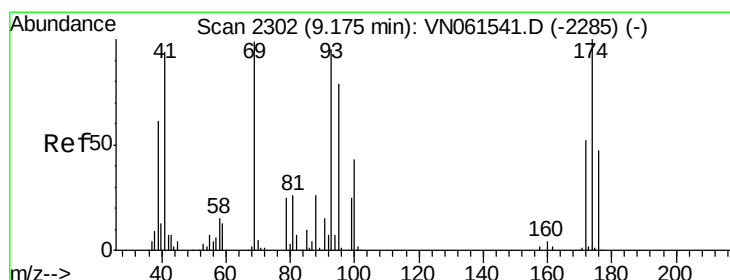
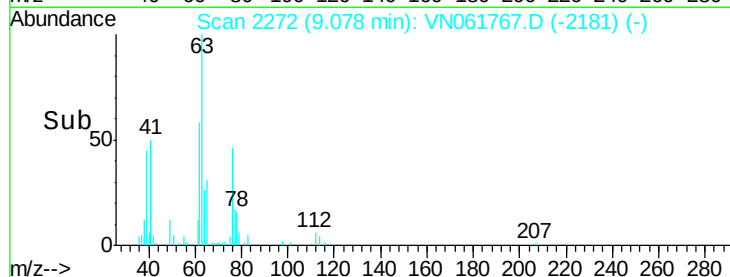
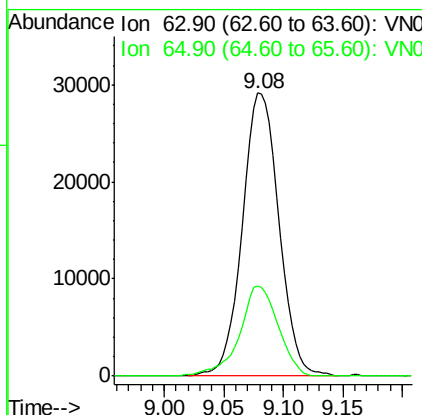
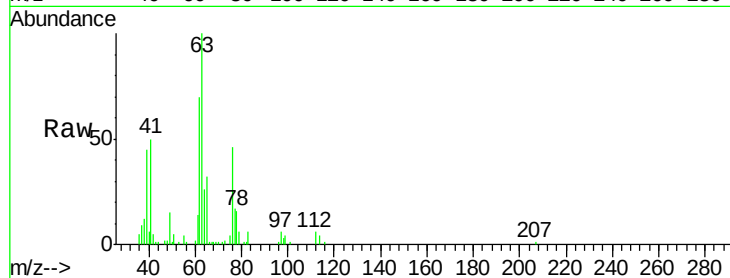
#45
 1,2-Dichloropropane
 Concen: 21.242 ug/l
 RT: 9.08 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.0	24.7	37.1

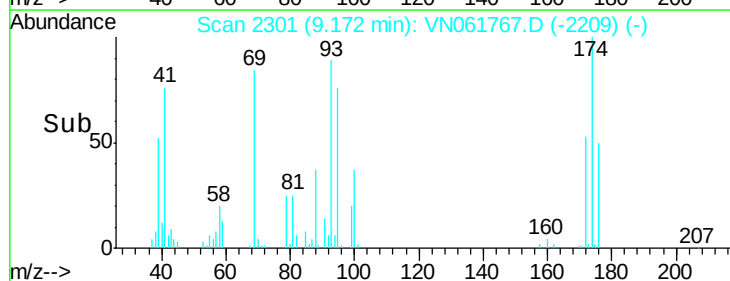
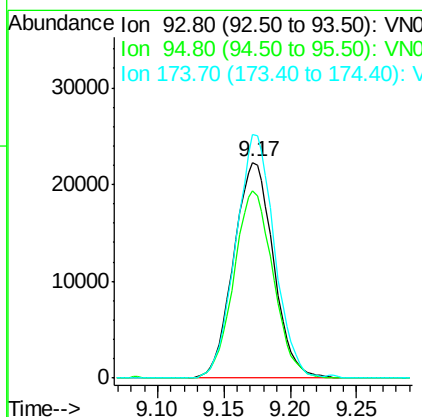
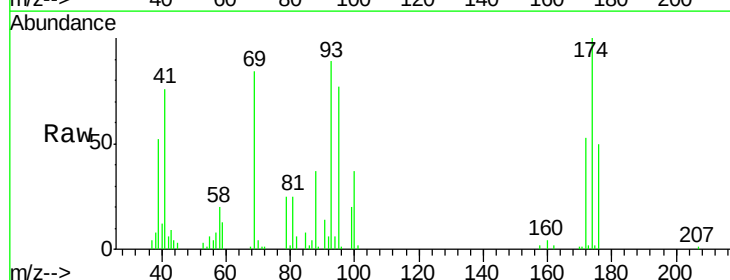
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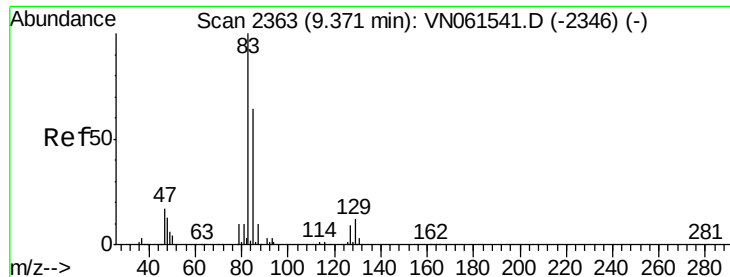
MMDadoda
 6/12/2020 5:46:33 PM



#46
 Dibromomethane
 Concen: 20.655 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.6	66.0	99.0
174	109.7	82.5	123.7





#47

Bromodichloromethane

Concen: 21.266 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Instrument :

MSVOA_N

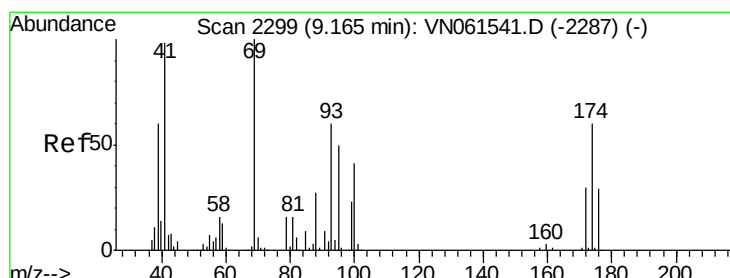
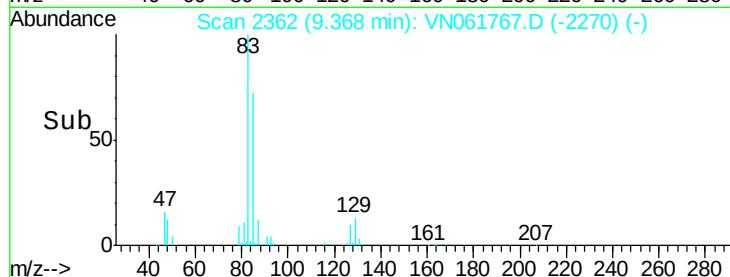
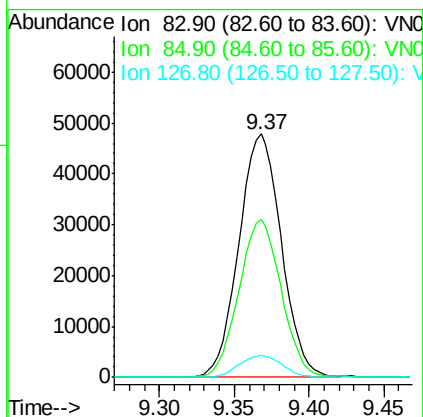
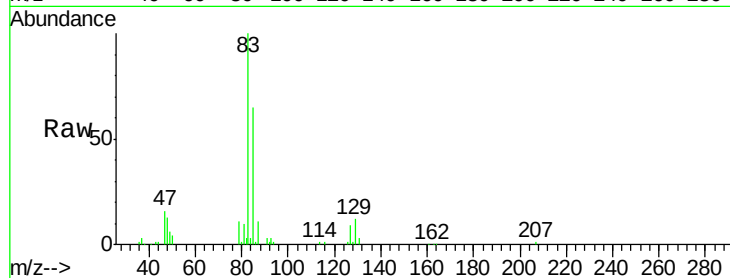
ClientSampleId :

VN0611WBS02

Tot Ion:	83	Resp:	94616
Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.1	76.7
127	8.9	7.2	10.8

Manual Integrations
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MMDadoda
6/12/2020 5:46:33 PM



#48

Methyl methacrylate

Concen: 17.503 ug/l

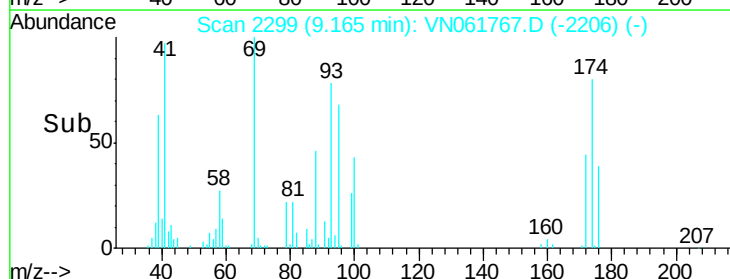
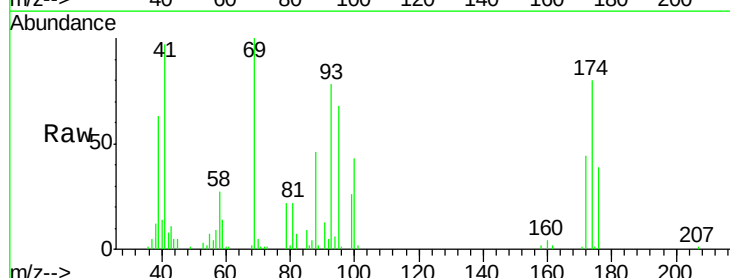
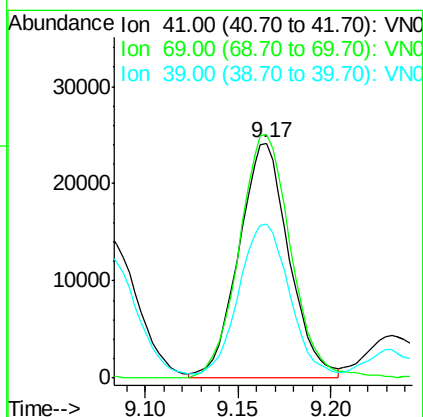
RT: 9.17 min Scan# 2299

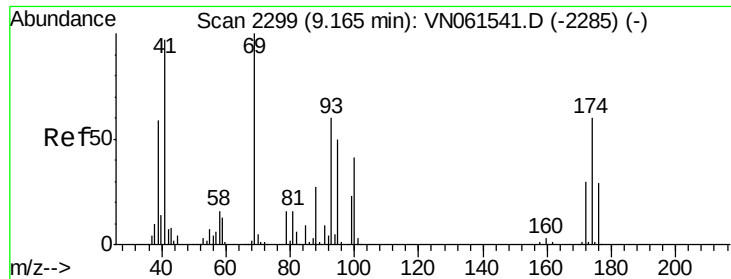
Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Tgt Ion:	41	Resp:	45604
Ion	Ratio	Lower	Upper
41	100		
69	107.0	83.9	125.9
39	67.8	52.1	78.1





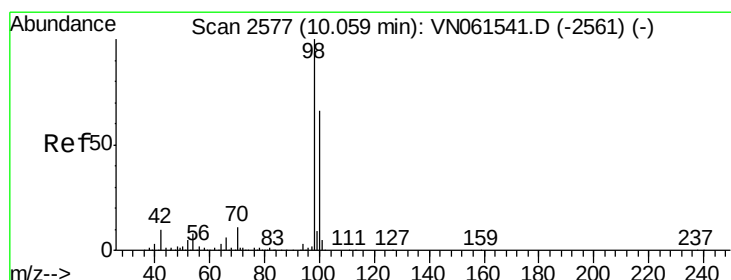
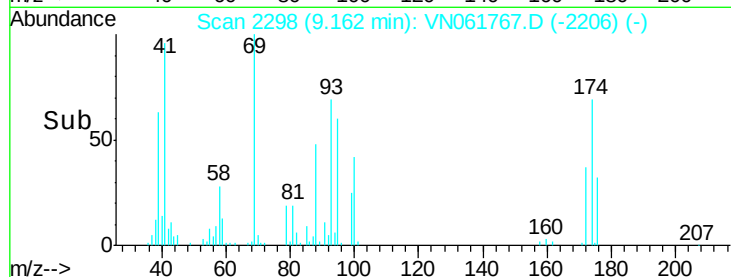
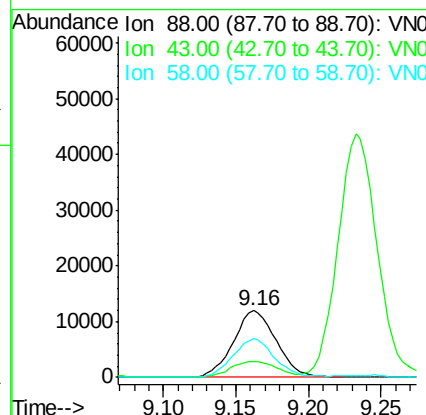
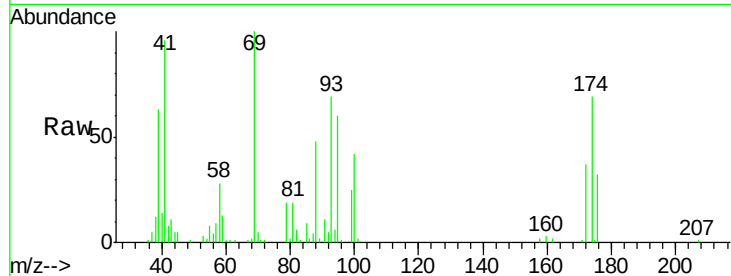
#49
1,4-Dioxane
Concen: 609.229 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tot Ion	88	Resp	24591
Ion Ratio	Lower	Upper	
88	100		
43	25.3	23.1	34.7
58	56.5	48.3	72.5

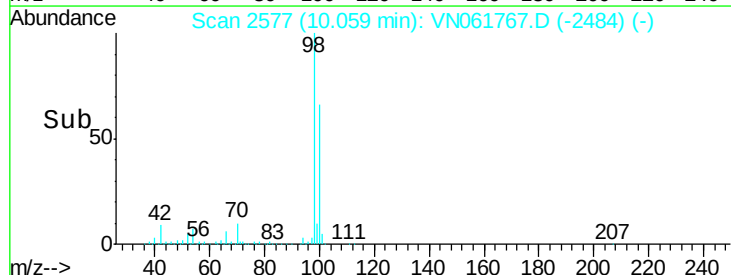
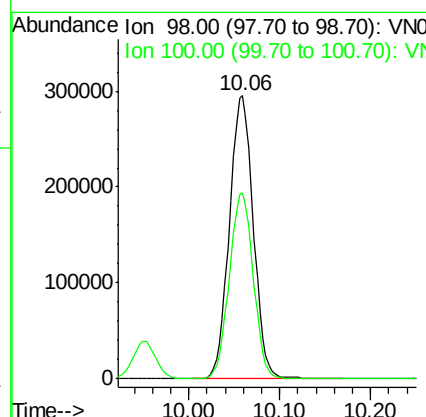
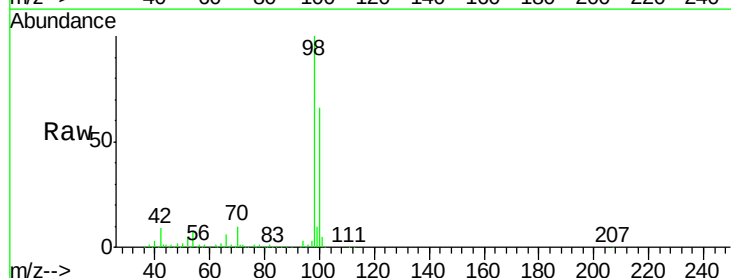
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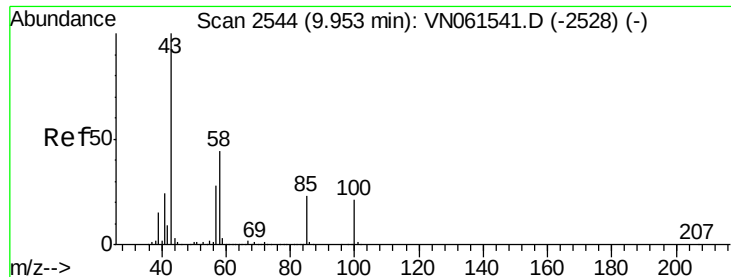
MMDadoda
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#50
Toluene-d8
Concen: 50.919 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Tgt Ion	98	Resp	540388
Ion Ratio	Lower	Upper	
98	100		
100	65.4	52.8	79.2





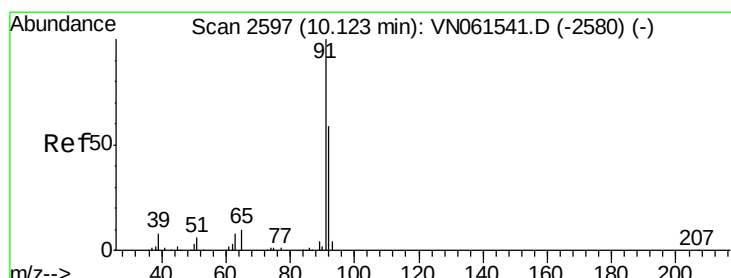
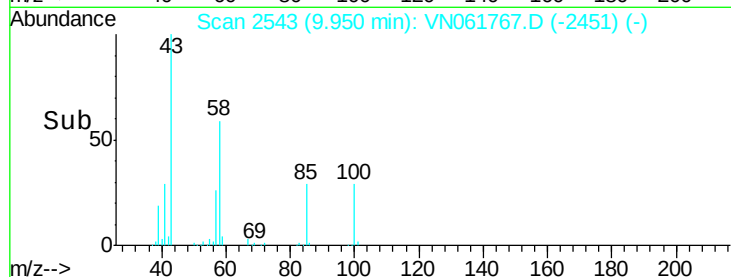
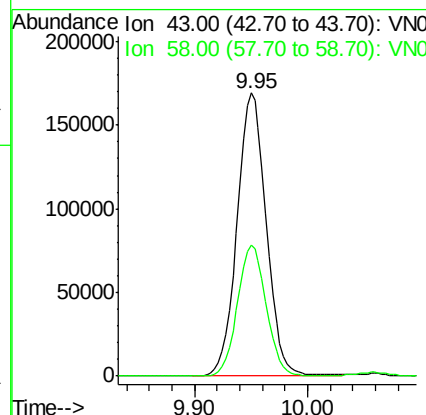
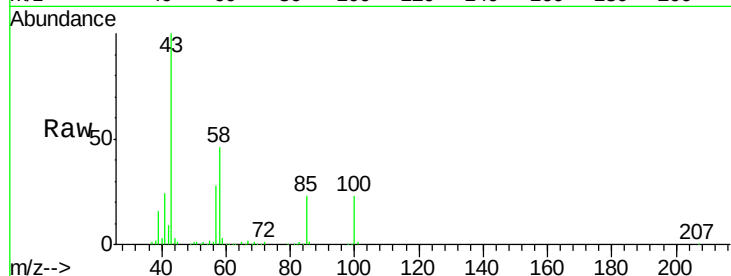
#51
4-Methyl-2-Pentanone
Concen: 93.114 ug/l
RT: 9.95 min Scan# 2543
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tot Ion: 43 Resp: 303874
Ion Ratio Lower Upper
43 100
58 45.7 35.0 52.6

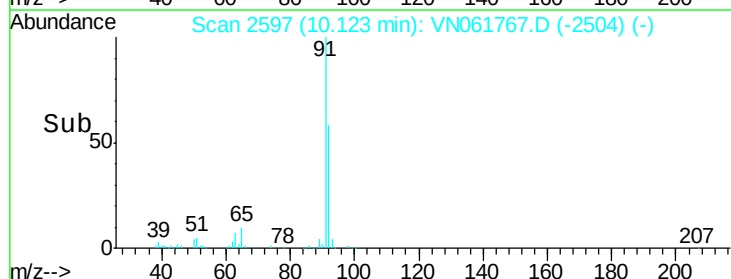
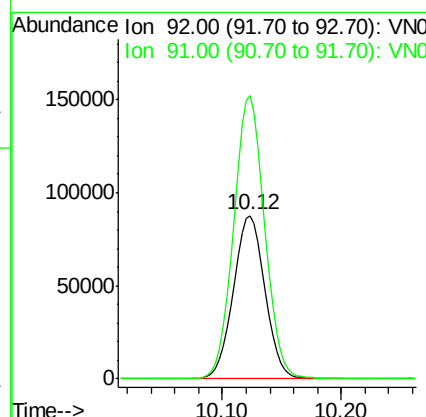
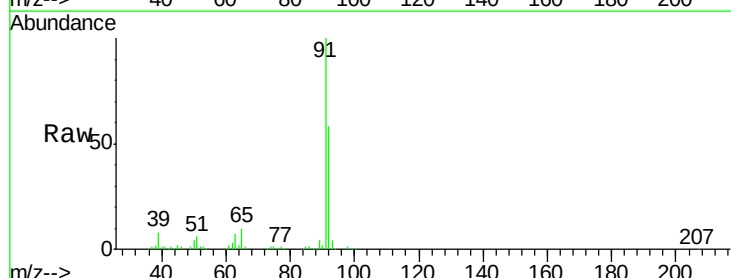
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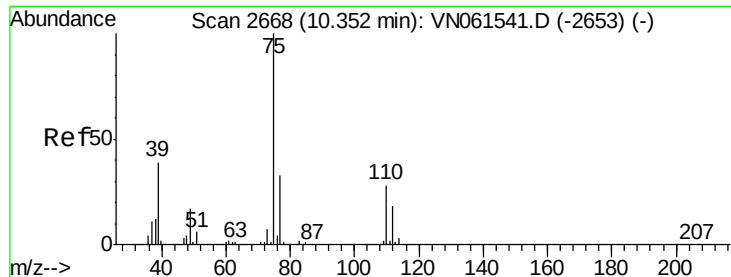
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#52
Toluene
Concen: 20.006 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Tgt Ion: 92 Resp: 161017
Ion Ratio Lower Upper
92 100
91 169.9 136.4 204.6





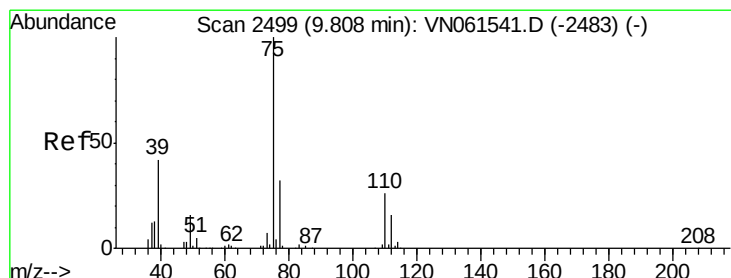
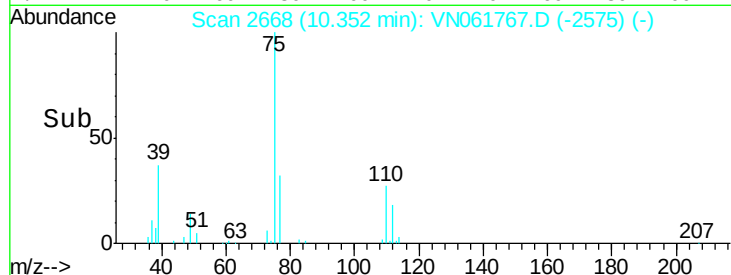
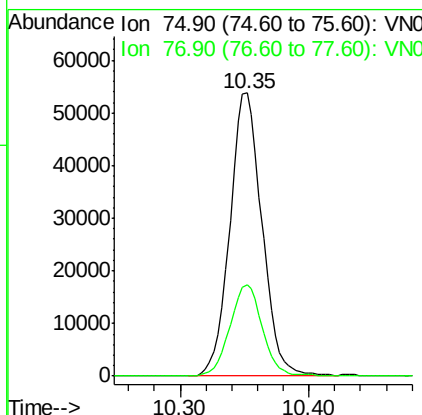
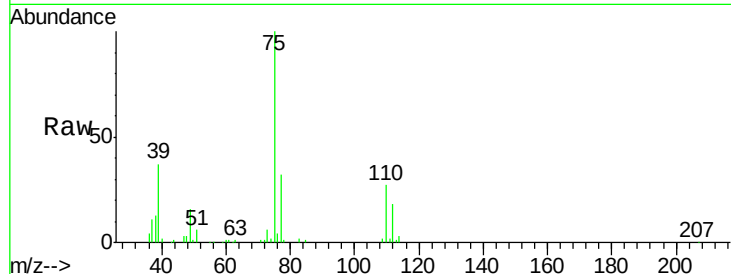
#53
 t-1,3-Dichloropropene
 Concen: 19.423 ug/l
 RT: 10.35 min Scan# 2668
 Delta R.T. -0.00 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.4	26.2	39.4

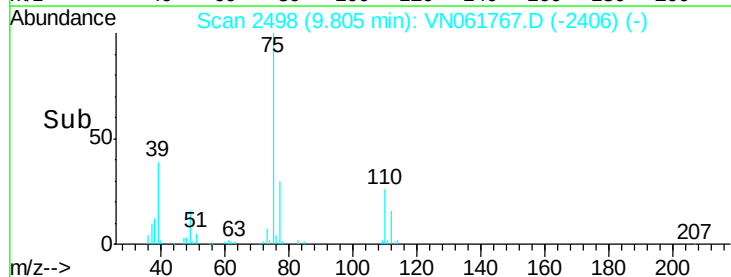
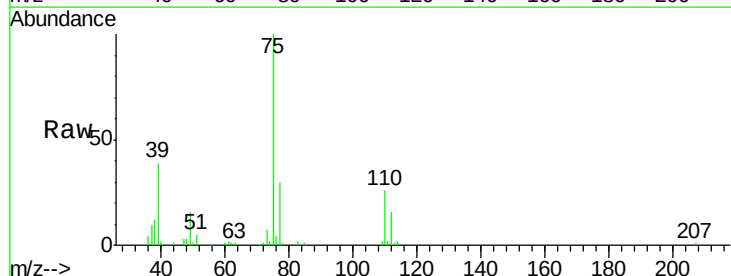
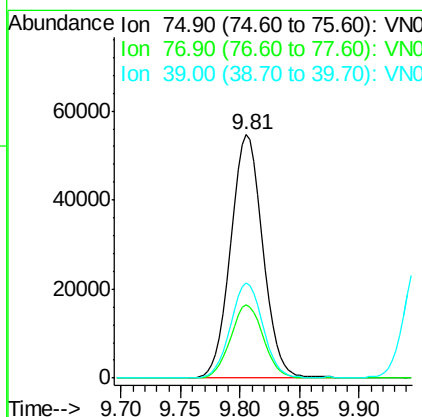
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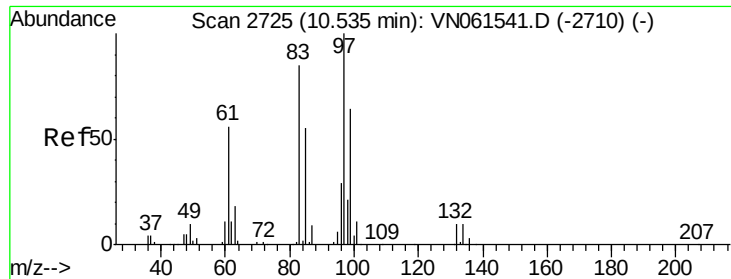
MMDadoda
 6/12/2020 5:46:33 PM



#54
 cis-1,3-Dichloropropene
 Concen: 19.905 ug/l
 RT: 9.81 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.1	25.4	38.2
39	39.0	33.8	50.6





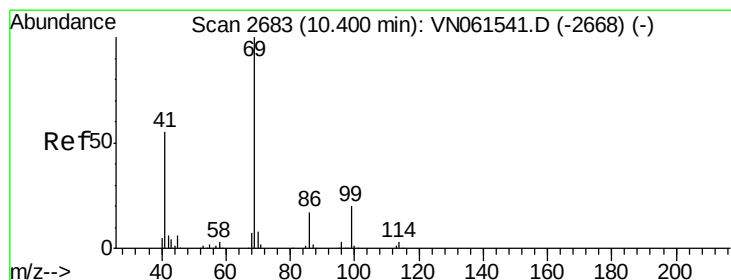
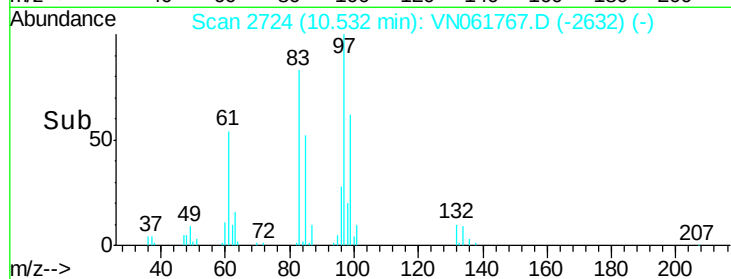
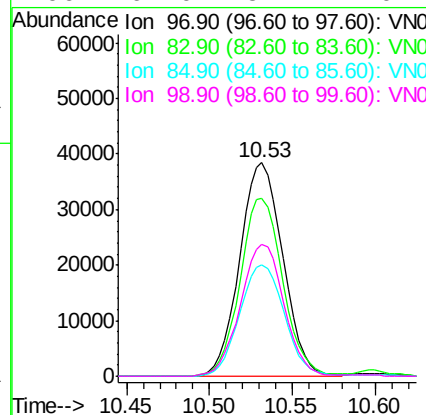
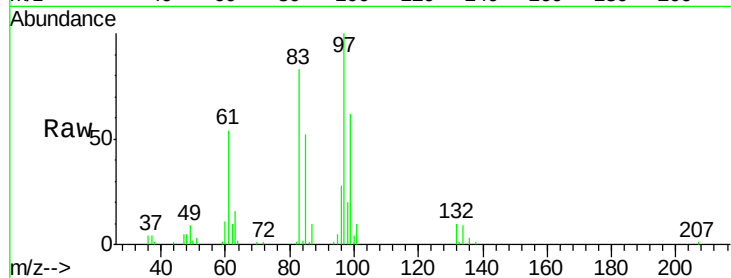
#55
 1,1,2-Trichloroethane
 Concen: 21.707 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBS02

Tot Ion:	97	Resp:	69604
Ion	Ratio	Lower	Upper
97	100		
83	83.3	68.1	102.1
85	52.2	44.1	66.1
99	62.0	51.1	76.7

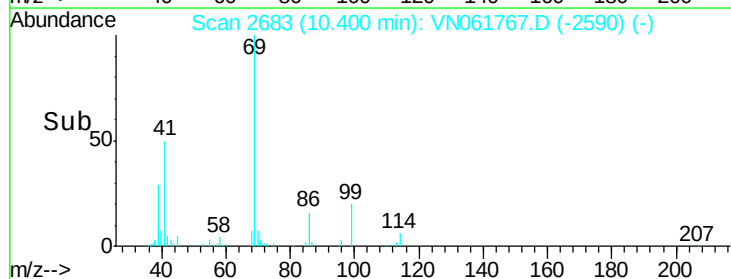
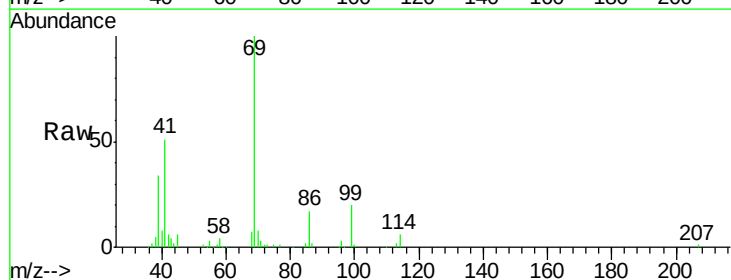
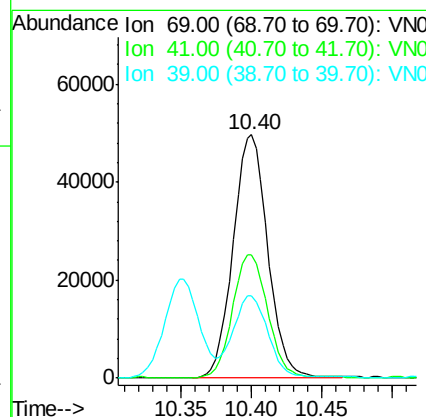
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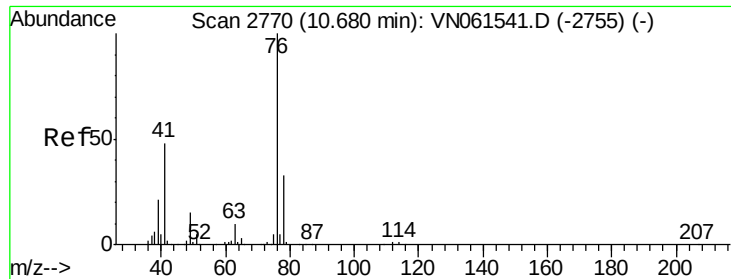
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#56
 Ethyl methacrylate
 Concen: 19.099 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

Tgt Ion:	69	Resp:	85547
Ion	Ratio	Lower	Upper
69	100		
41	51.6	43.5	65.3
39	35.3	27.0	40.6





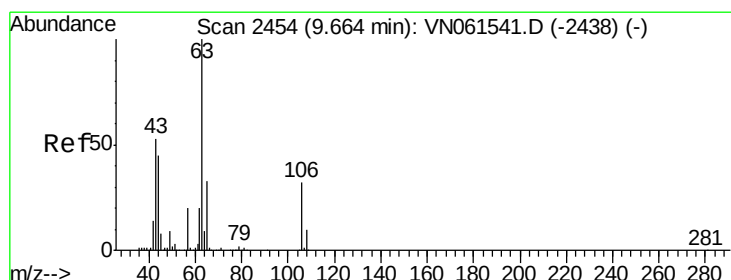
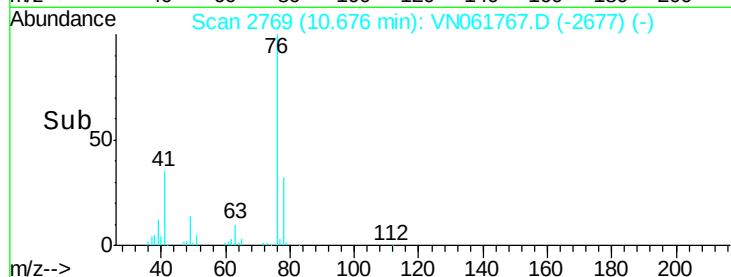
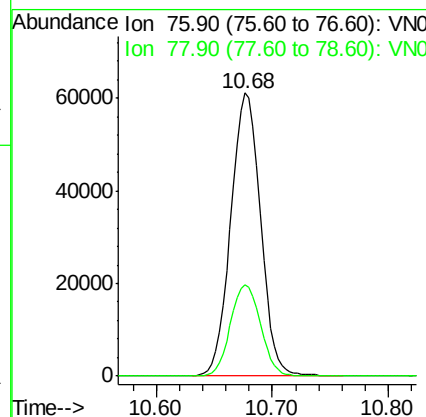
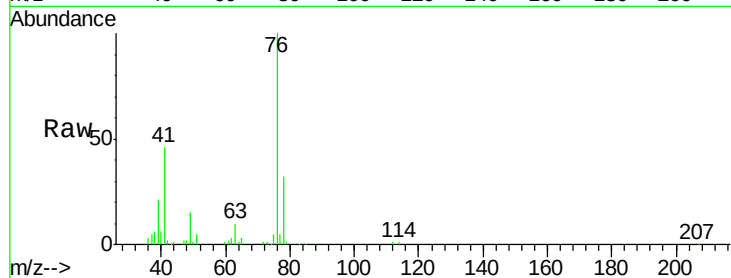
#57
 1,3-Dichloropropane
 Concen: 21.195 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBS02

Tot Ion: 76 Resp: 108693
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.3 39.5

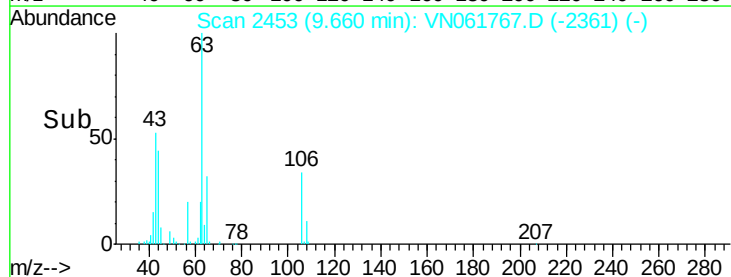
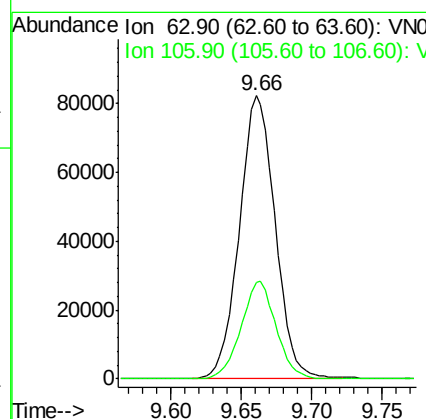
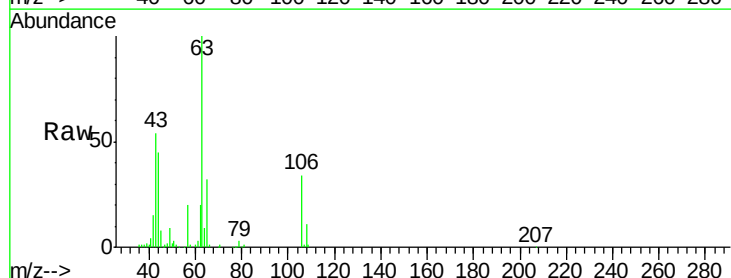
Manual Integrations
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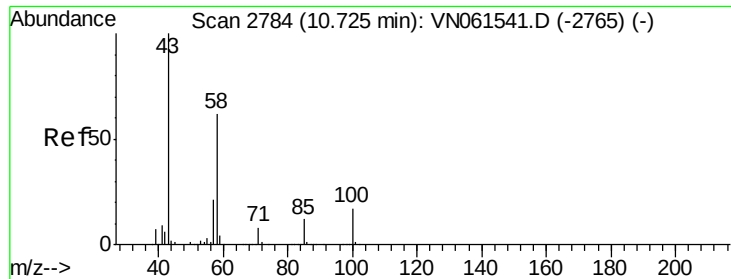
MMDadoda
 6/12/2020 5:46:33 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 76.436 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

Tgt Ion: 63 Resp: 146309
 Ion Ratio Lower Upper
 63 100
 106 33.7 25.9 38.9





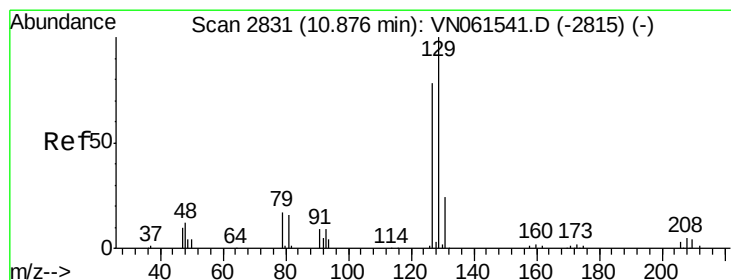
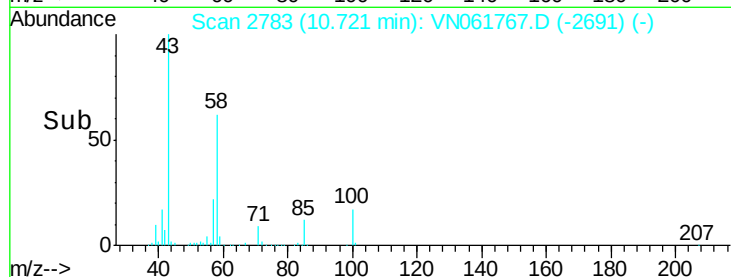
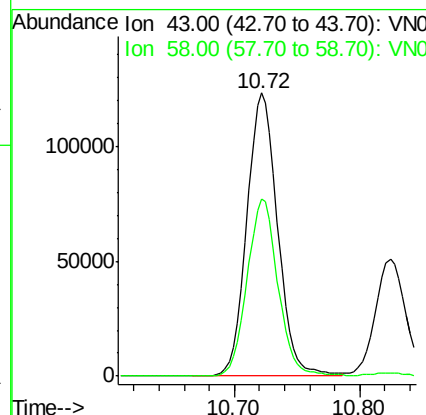
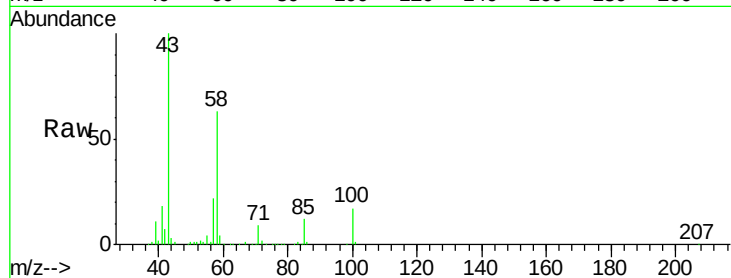
#59
2-Hexanone
Concen: 90.023 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tot Ion: 43 Resp: 210990
Ion Ratio Lower Upper
43 100
58 62.7 30.7 92.1

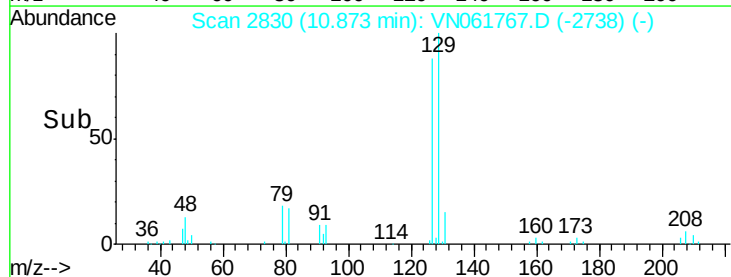
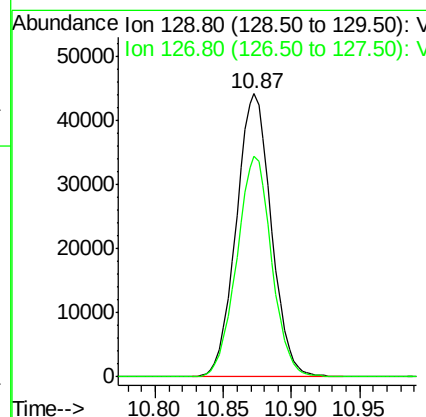
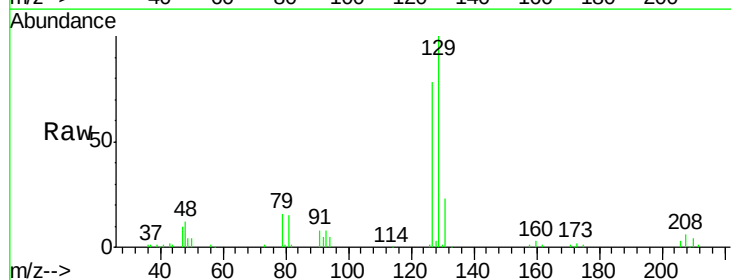
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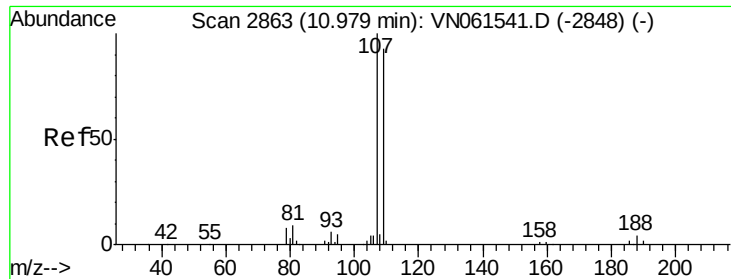
MMDadoda
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#60
Dibromochloromethane
Concen: 21.643 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Tgt Ion: 129 Resp: 78897
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.3





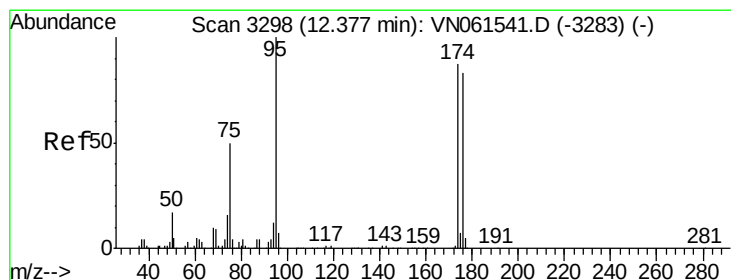
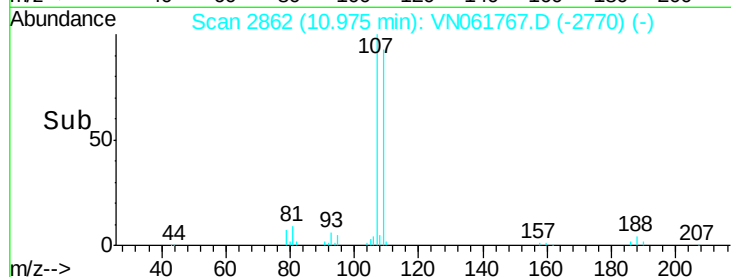
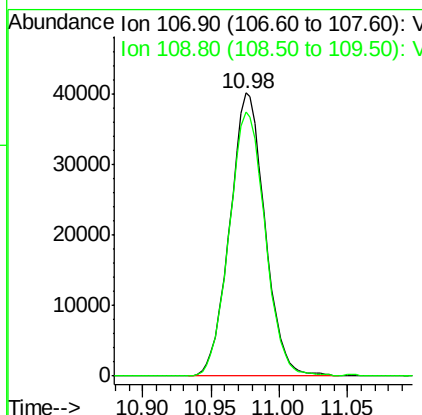
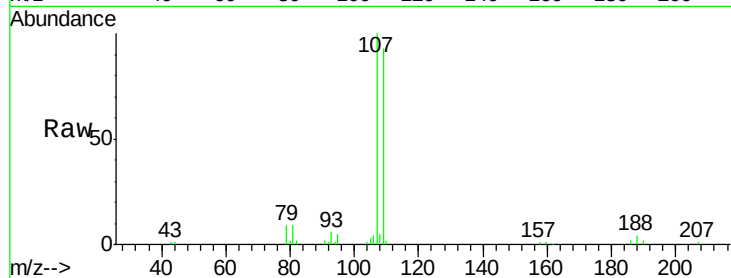
#61
 1,2-Dibromoethane
 Concen: 21.401 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.9	76.1	114.1

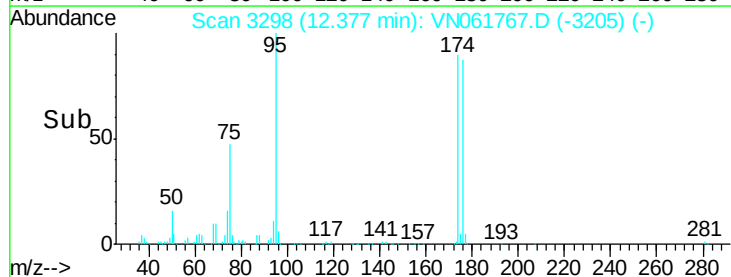
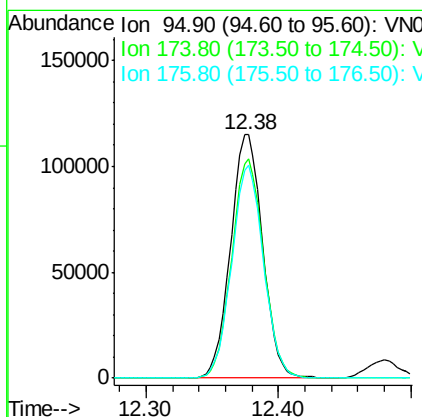
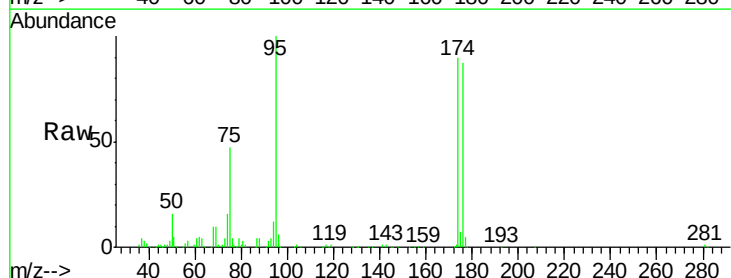
Manual Integrations
 APPROVED

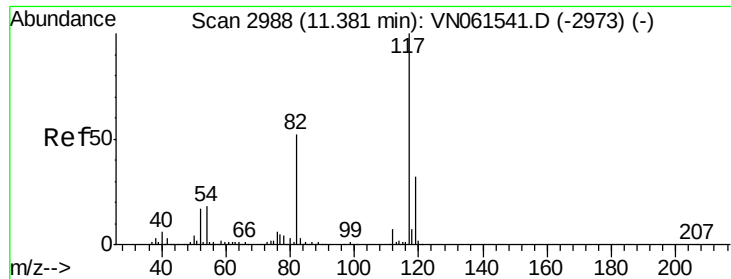
MMDadoda
 6/12/2020 5:46:33 PM



#62
 4-Bromofluorobenzene
 Concen: 49.838 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.9	0.0	172.8
176	86.5	0.0	164.8





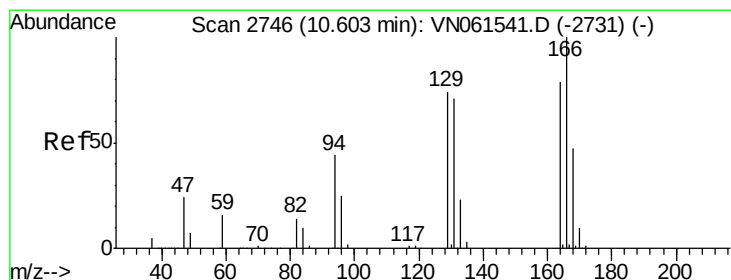
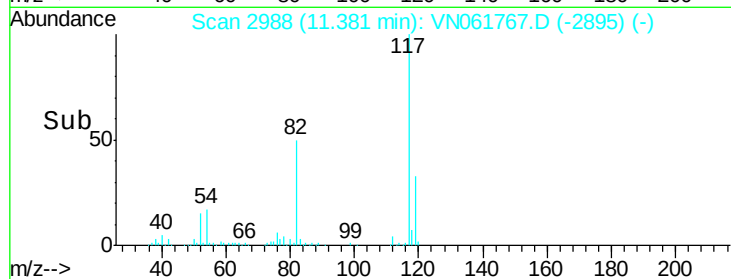
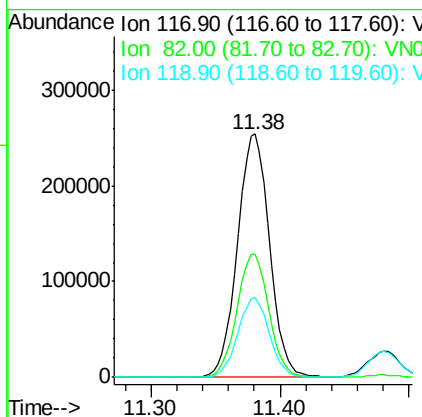
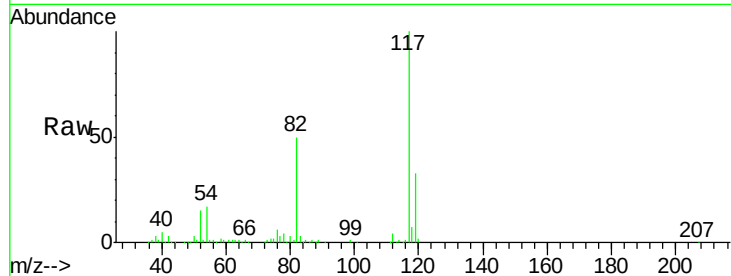
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	440127		
82	50.4		41.5	62.3
119	32.5		25.6	38.4

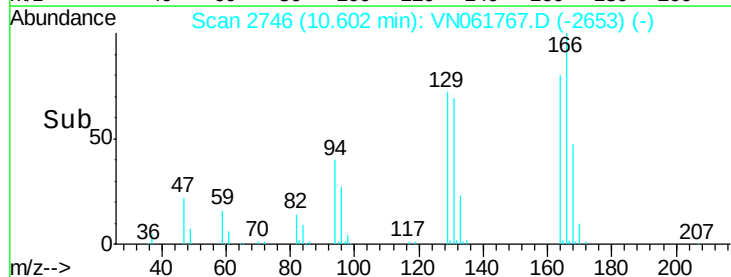
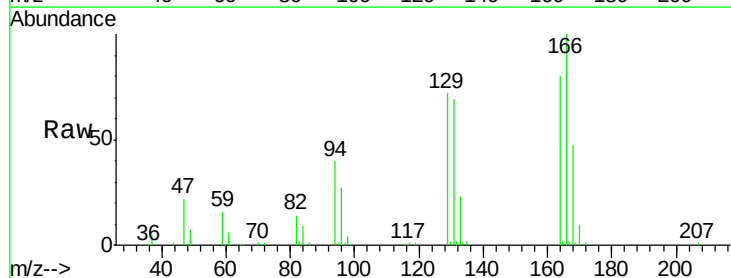
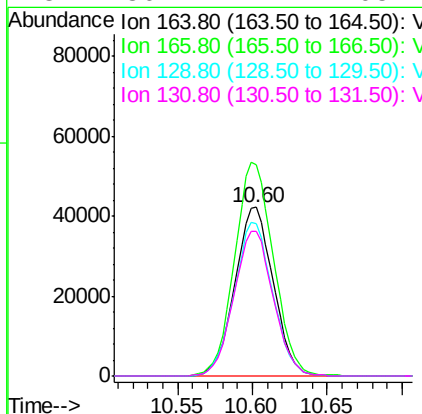
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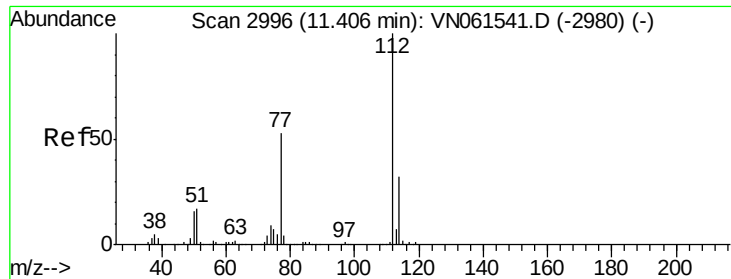
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#64
Tetrachloroethene
Concen: 18.138 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	75144		
166	125.1		101.5	152.3
129	90.1		74.9	112.3
131	86.2		72.2	108.2





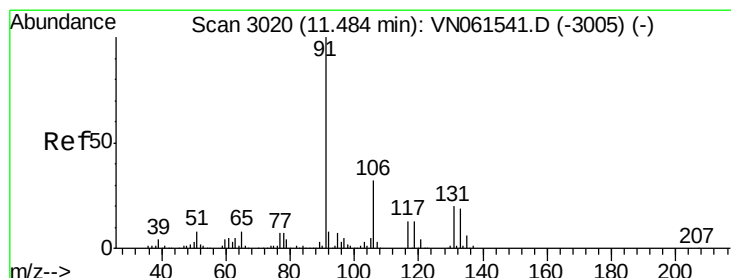
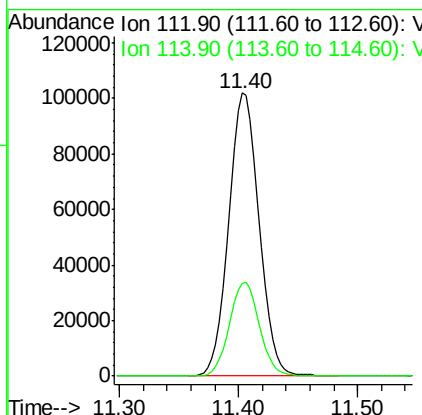
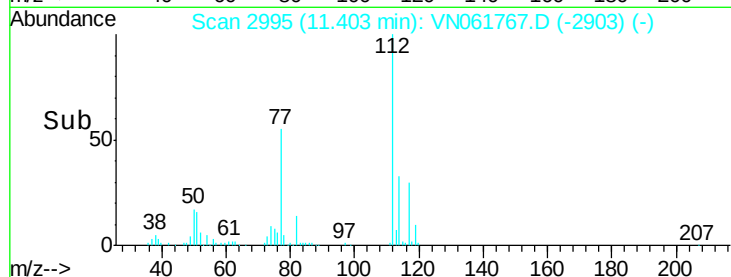
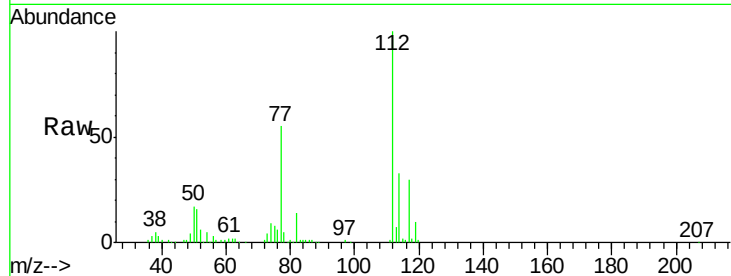
#65
Chlorobenzene
Concen: 19.695 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tot Ion:112 Resp: 180183
Ion Ratio Lower Upper
112 100
114 32.9 25.7 38.5

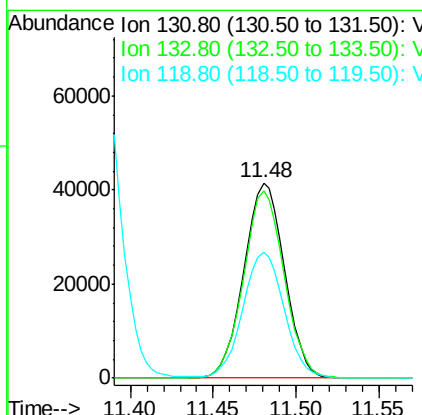
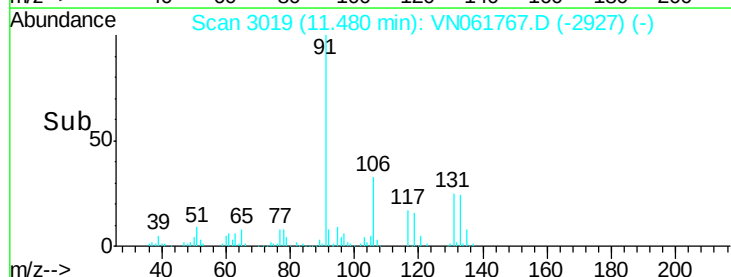
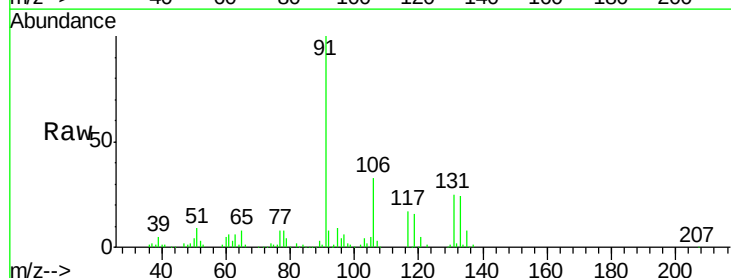
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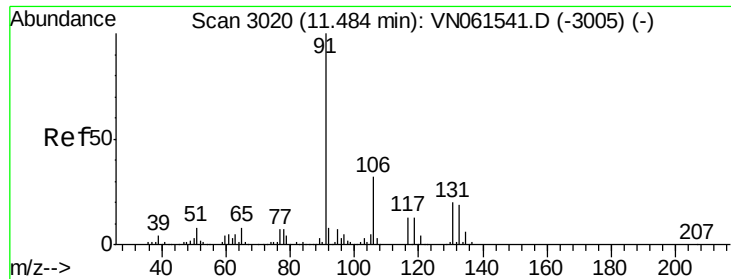
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6/12/2020 5:46:33 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.864 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Tgt Ion:131 Resp: 71074
Ion Ratio Lower Upper
131 100
133 95.7 47.4 142.2
119 65.6 32.6 97.8





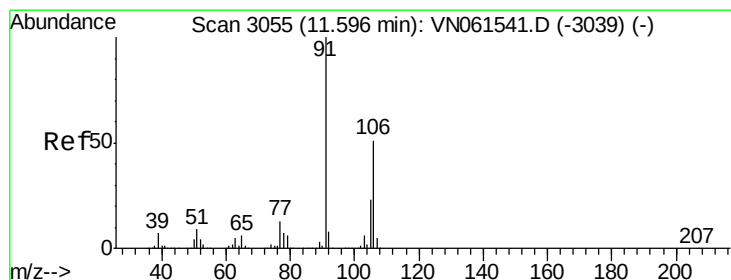
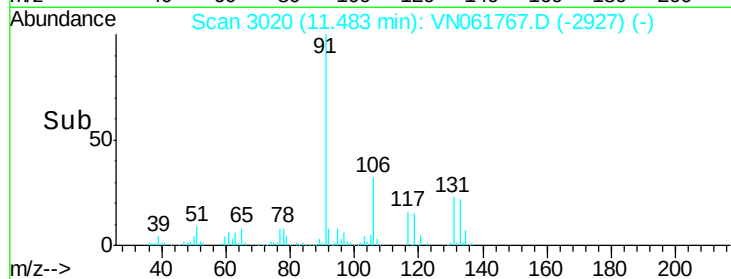
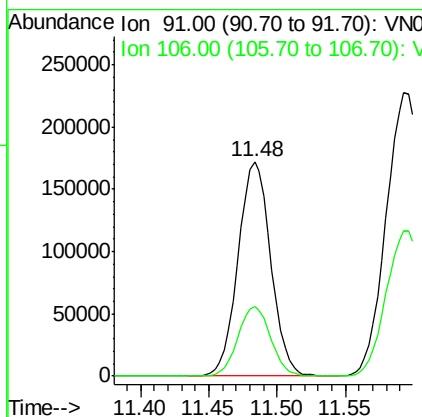
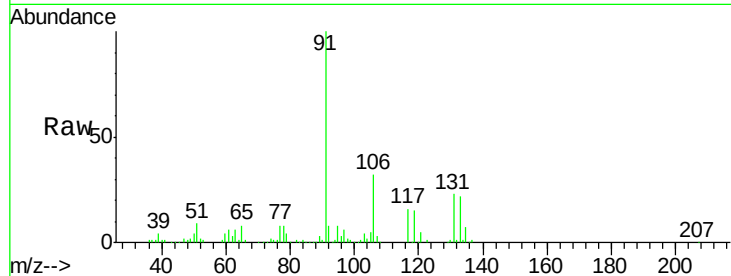
#67
Ethyl Benzene
Concen: 18.131 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tot Ion: 91 Resp: 286700
Ion Ratio Lower Upper
91 100
106 32.2 25.6 38.4

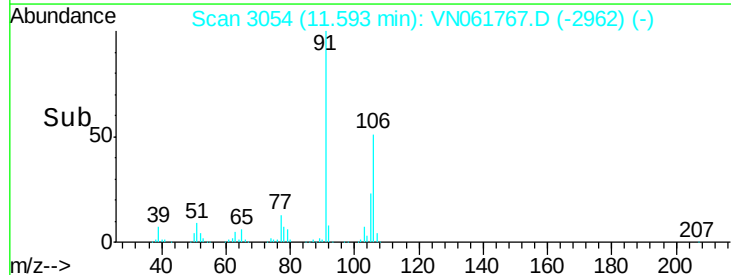
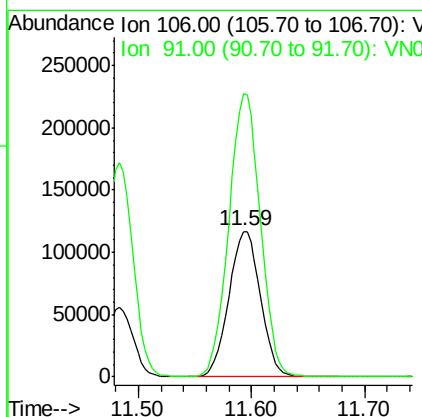
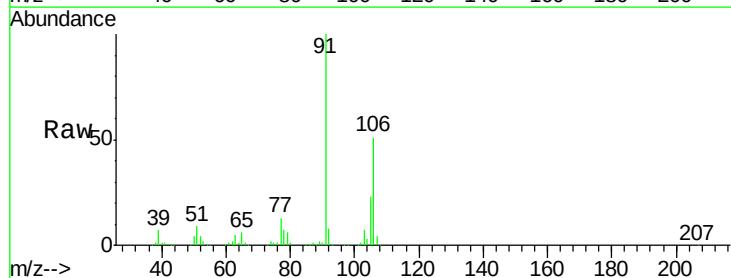
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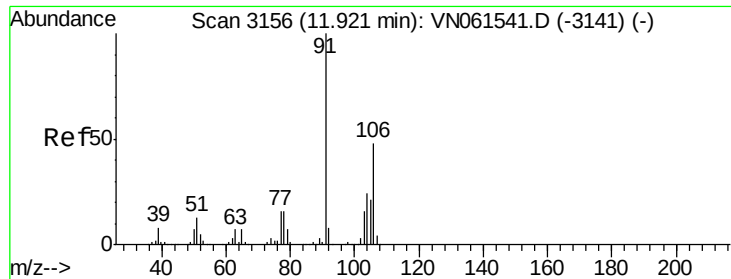
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6/12/2020 5:46:33 PM



#68
m/p-Xylenes
Concen: 36.217 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Tgt Ion: 106 Resp: 227068
Ion Ratio Lower Upper
106 100
91 192.9 156.2 234.4





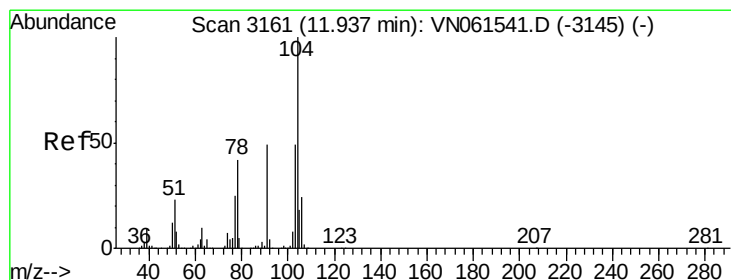
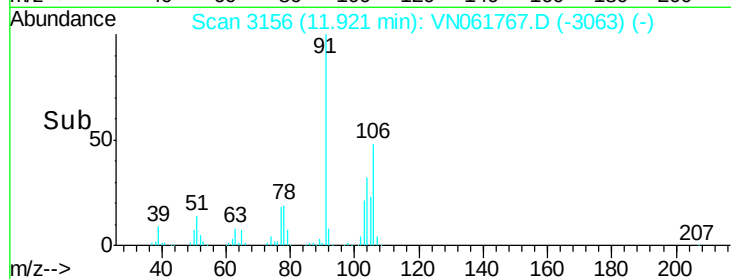
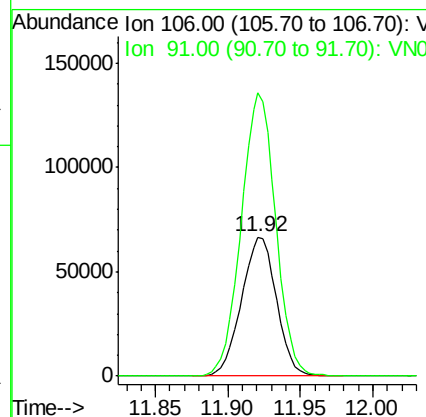
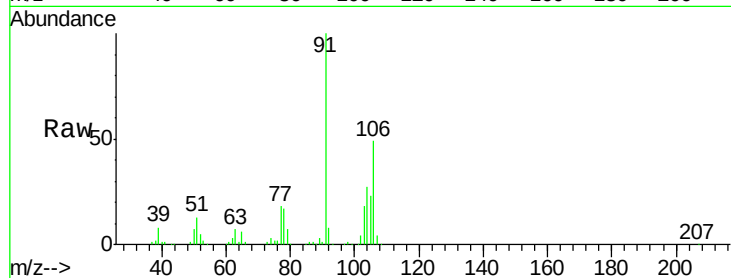
#69
o-Xylene
Concen: 18.766 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Instrument :
MSVOA_N
ClientSampled :
VN0611WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	200.3	103.3	309.8		

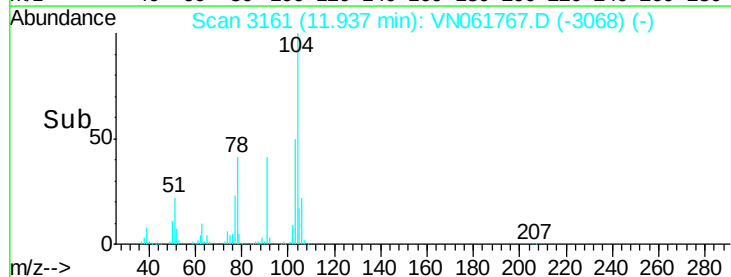
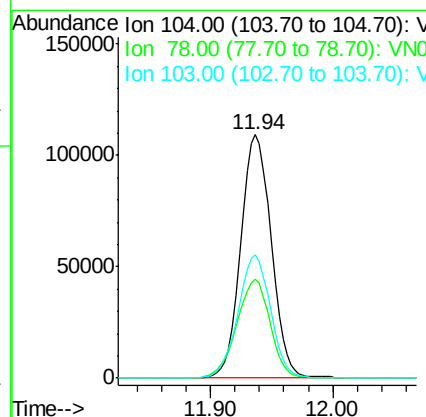
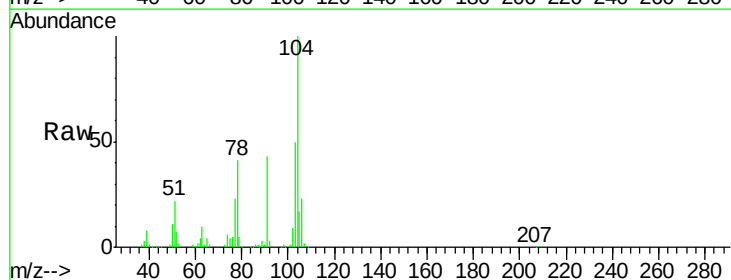
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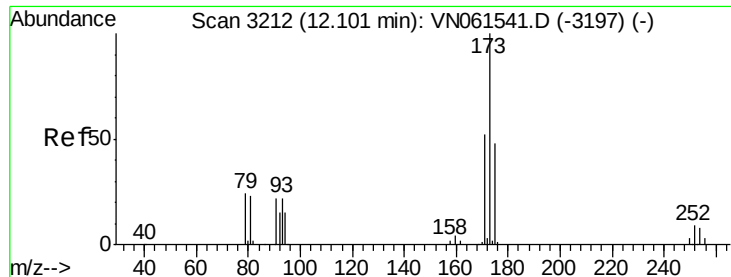
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#70
Styrene
Concen: 19.192 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	44.5	37.4	56.0		
103	54.1	42.3	63.5		





#71

Bromoform

Concen: 20.216 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Instrument :

MSVOA_N

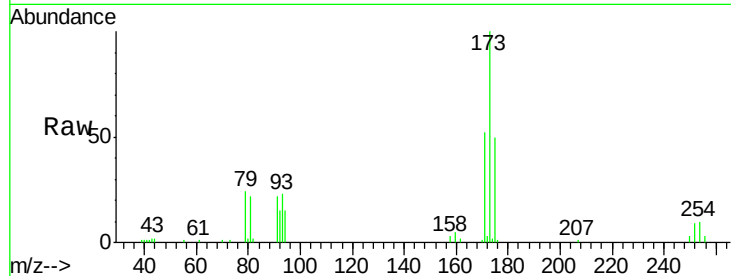
ClientSampleId :

VN0611WBS02

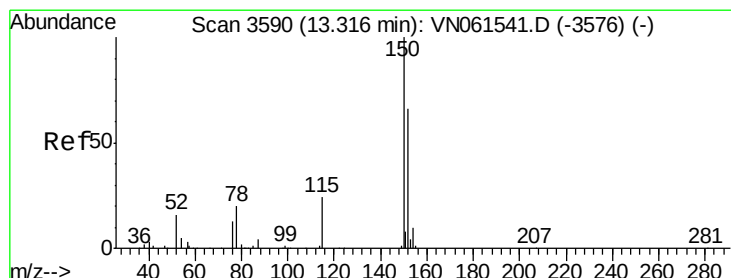
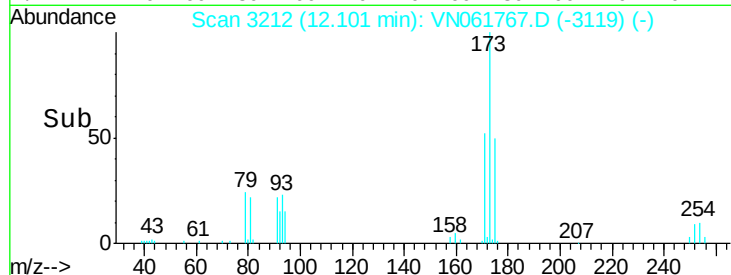
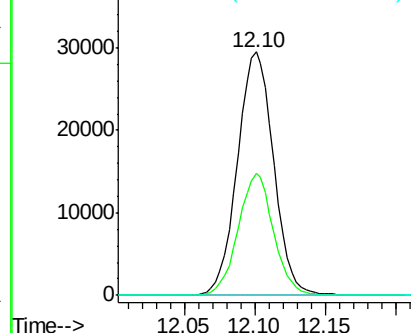
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.4	73.2
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

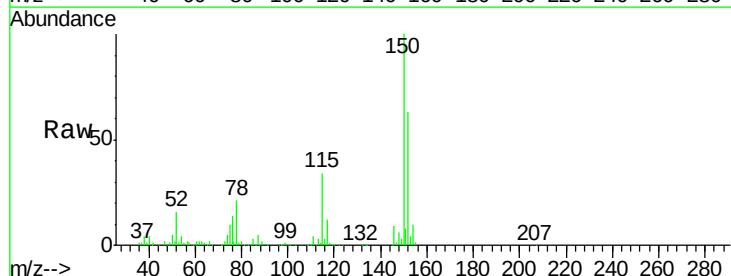
RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

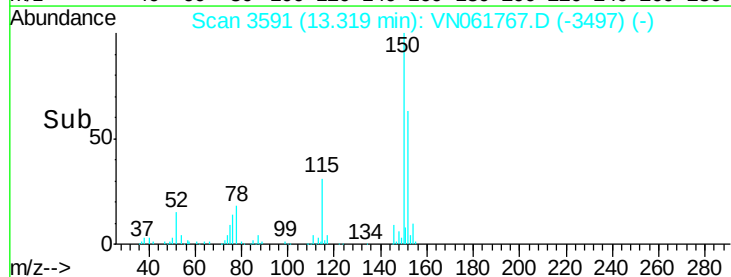
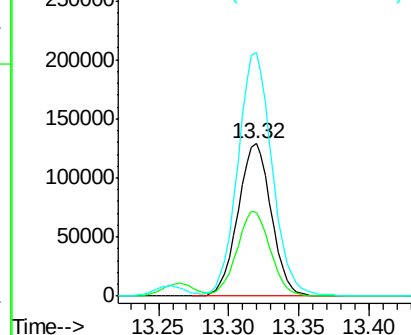
Lab File: VN061767.D

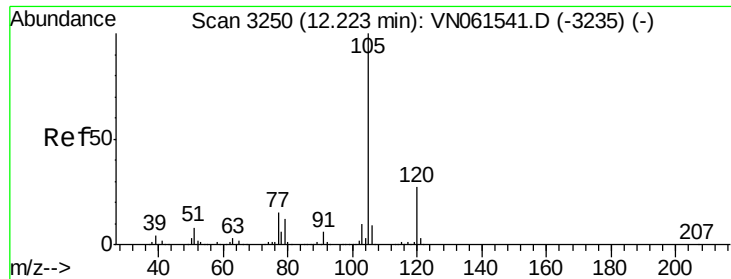
Acq: 12 Jun 2020 3:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.5	28.0	84.0
150	164.1	0.0	344.0



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





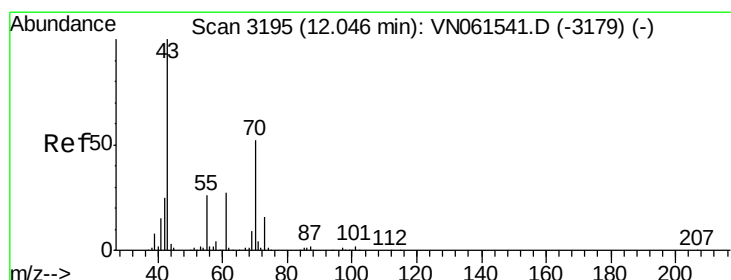
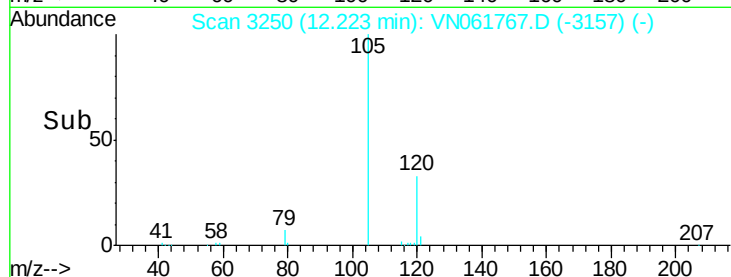
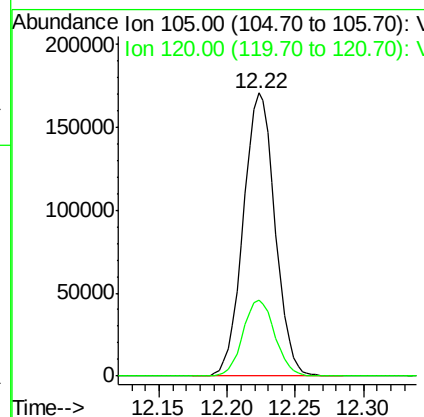
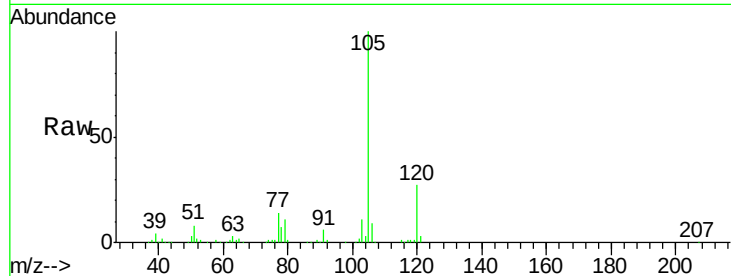
#73
Isopropylbenzene
Concen: 17.607 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Instrument :
MSVOA_N
ClientSampled :
VN0611WBS02

Tot Ion	Ratio	Resp	Lower	Upper
105	100	274910		
120	27.2	13.8	41.3	

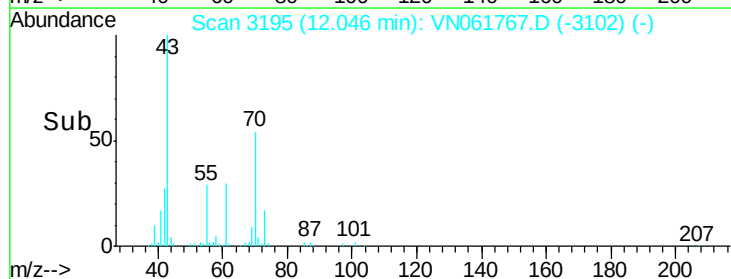
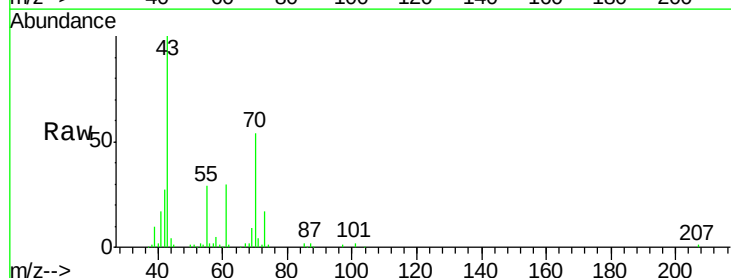
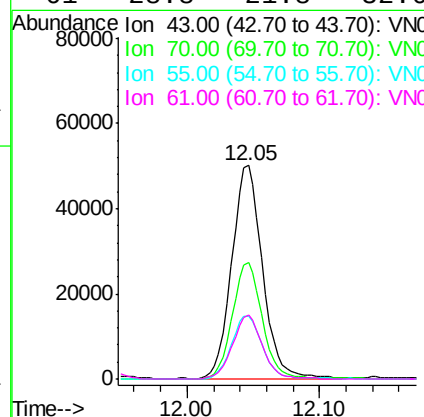
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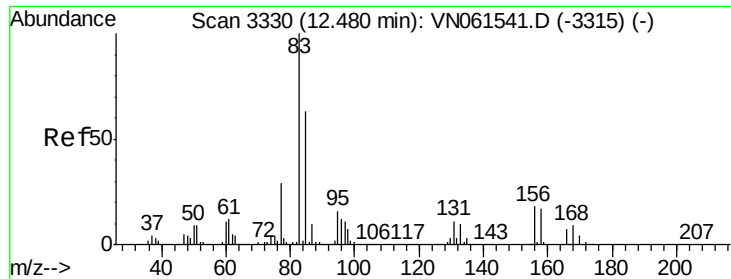
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#74
N-ethyl acetate
Concen: 16.537 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	81318		
70	53.0	40.5	60.7	
55	29.8	20.6	31.0	
61	28.8	21.8	32.6	





#75

1,1,2,2-Tetrachloroethane

Concen: 19.650 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Instrument :

MSVOA_N

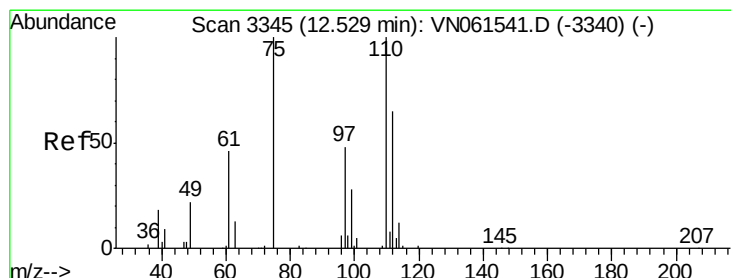
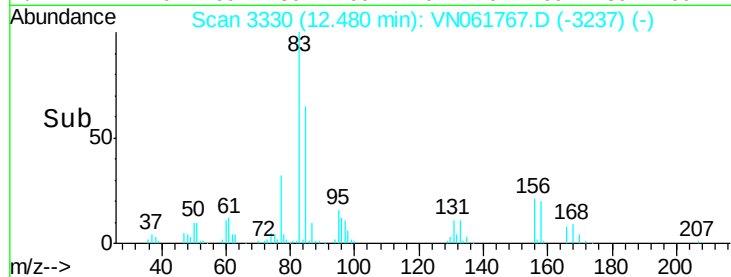
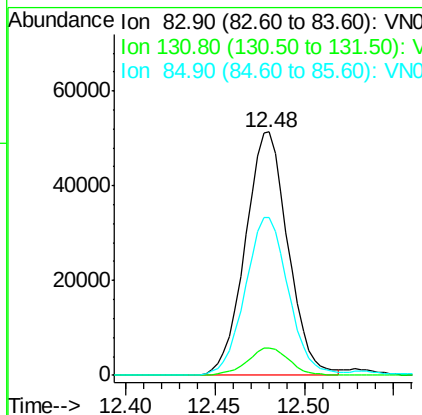
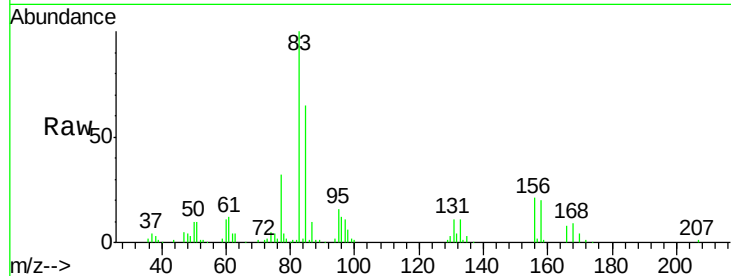
ClientSampled :

VN0611WBS02

Tot Ion:	83	Resp:	85980
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.5	16.5
85	65.6	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.167 ug/l m

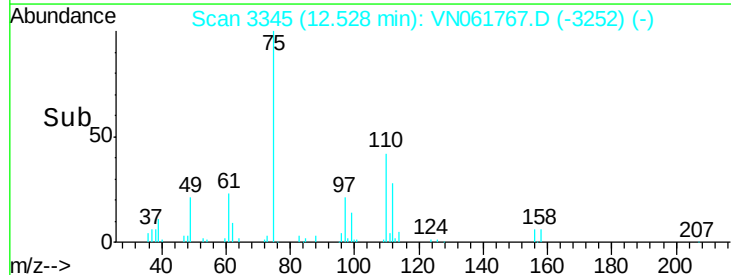
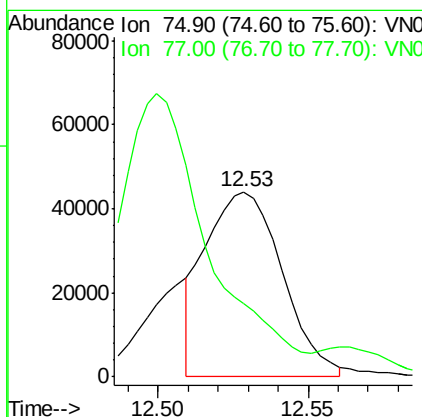
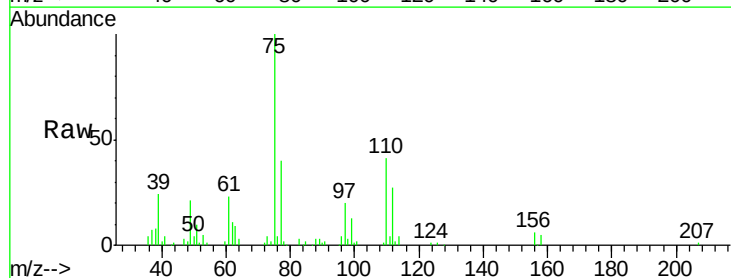
RT: 12.53 min Scan# 3345

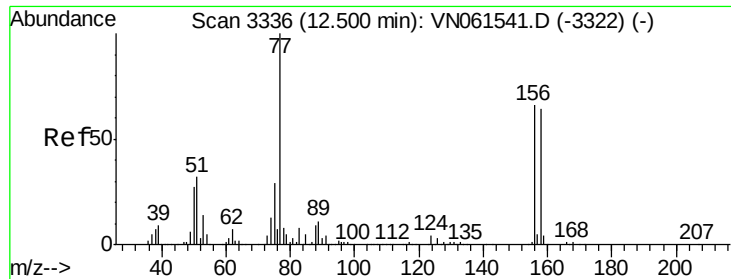
Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Tgt Ion:	75	Resp:	78449
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





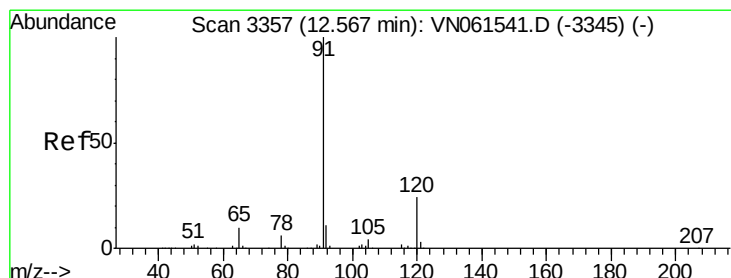
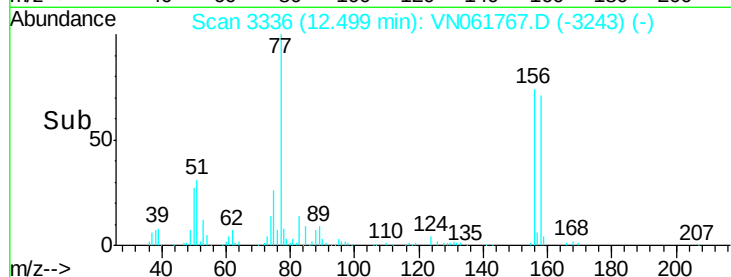
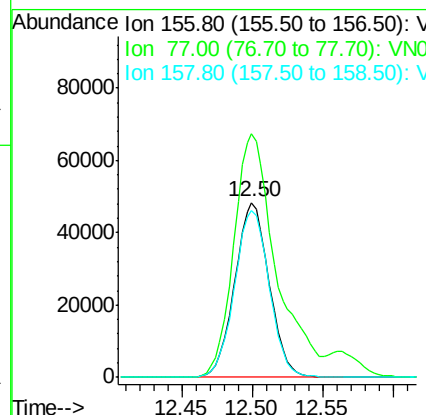
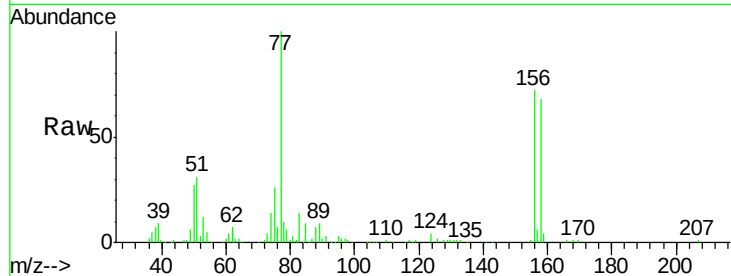
#77
Bromobenzene
Concen: 20.667 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tot Ion	Ratio	Lower	Upper
156	100		
77	172.4	90.9	272.7
158	97.0	48.4	145.3

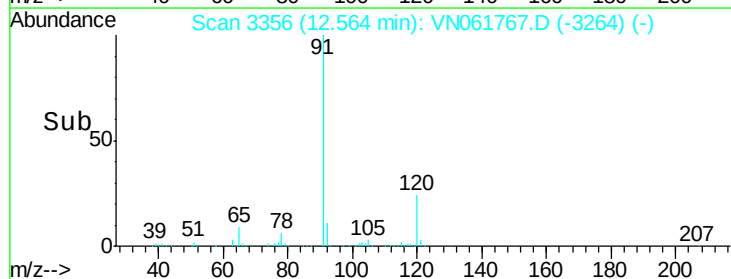
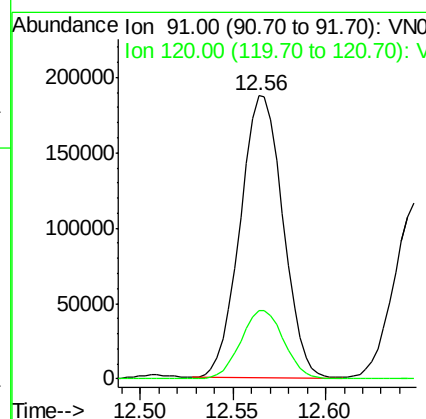
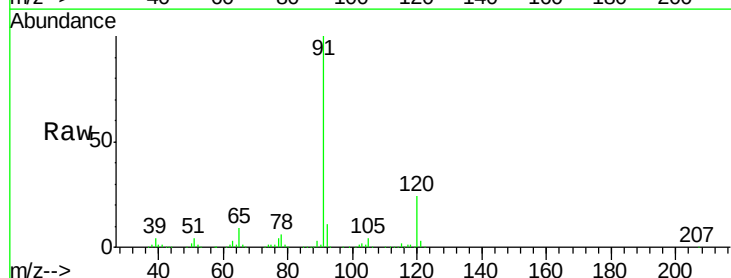
Manual Integrations
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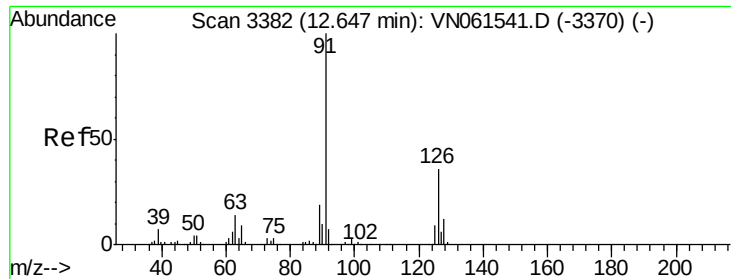
MMDadoda
6/12/2020 5:46:33 PM



#78
n-propylbenzene
Concen: 17.215 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.6	12.3	36.9





#79

2-Chlorotoluene

Concen: 18.335 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBS02

Tot Ion: 91 Resp: 190571

Ion Ratio Lower Upper

91 100

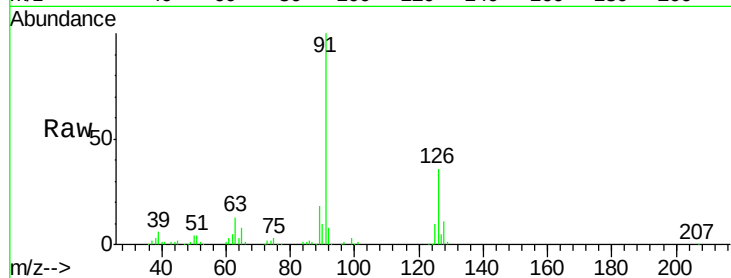
126 36.7 17.9 53.7

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN061541.D (-3370) (-)

200000

150000

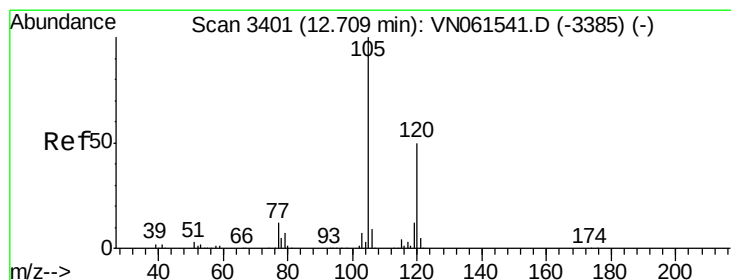
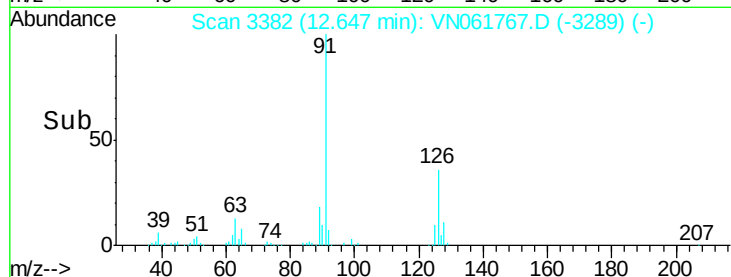
100000

50000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 17.769 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN061767.D

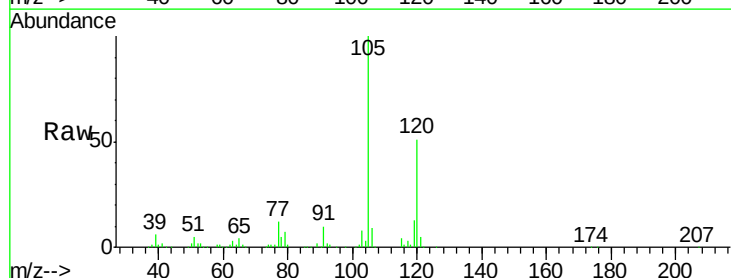
Acq: 12 Jun 2020 3:19

Tgt Ion: 105 Resp: 231894

Ion Ratio Lower Upper

105 100

120 50.7 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VN061541.D (-3385) (-)

Ion 120.00 (119.70 to 120.70): VN061541.D (-3385) (-)

150000

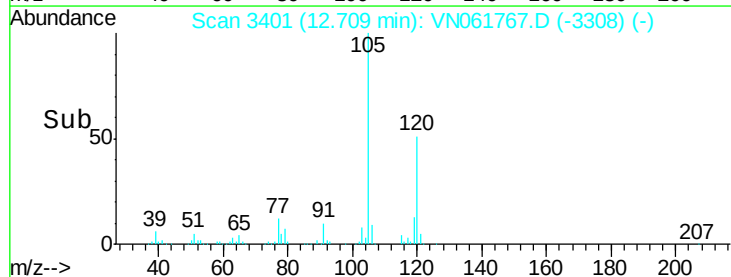
100000

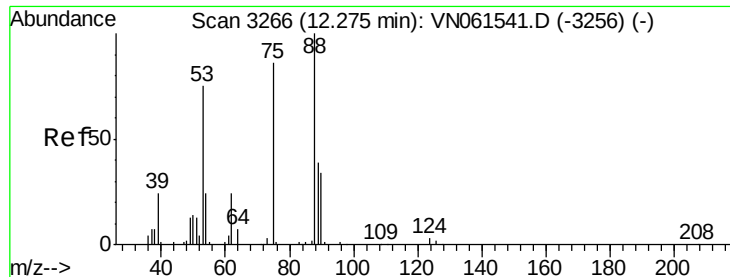
50000

0

12.70 12.71 12.72

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 15.585 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Instrument :

MSVOA_N

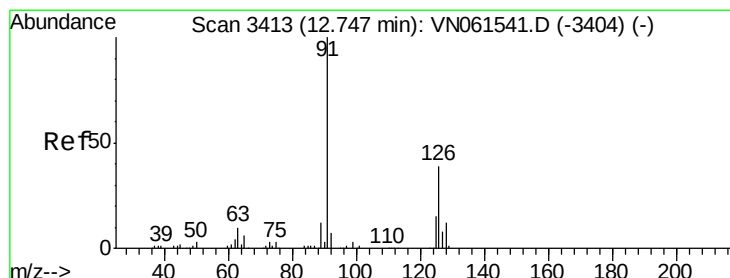
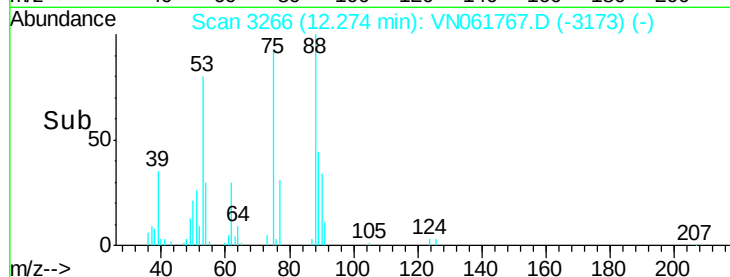
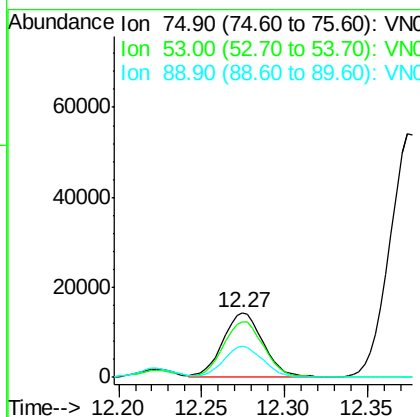
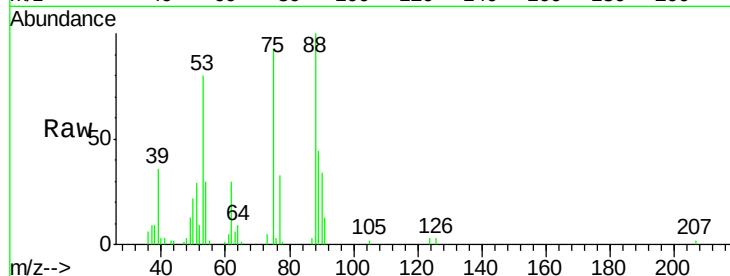
ClientSampleId :

VN0611WBS02

Tot Ion:	75	Resp:	23708
Ion	Ratio	Lower	Upper
75	100		
53	89.4	67.8	101.8
89	47.6	37.1	55.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.319 ug/l

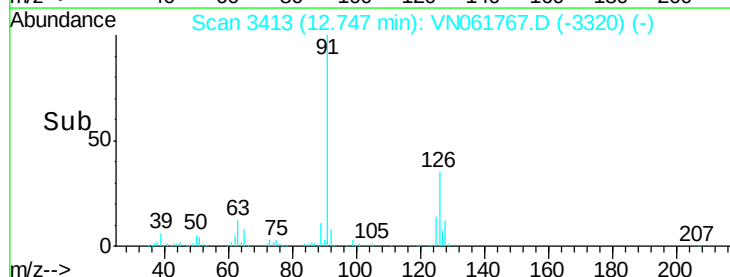
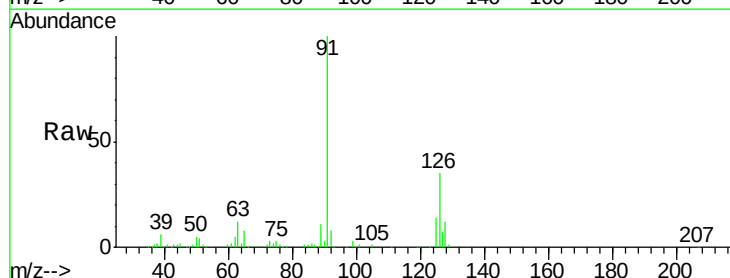
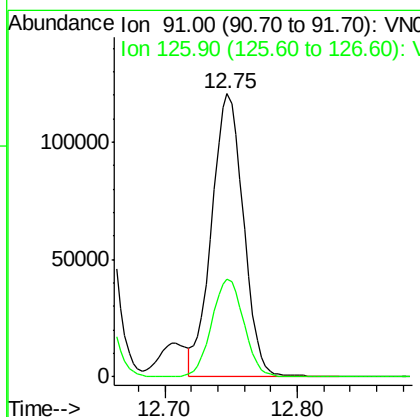
RT: 12.75 min Scan# 3413

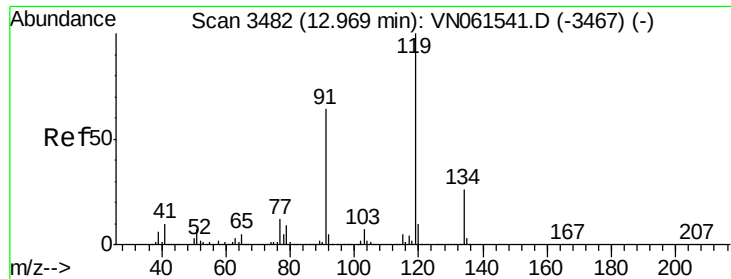
Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Tgt Ion:	91	Resp:	200305
Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.5	52.6





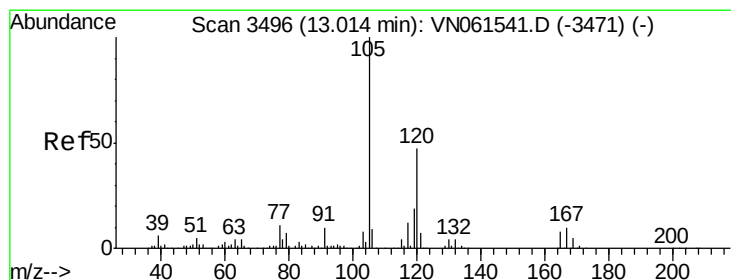
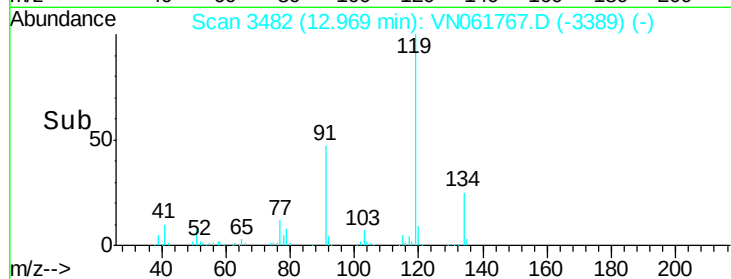
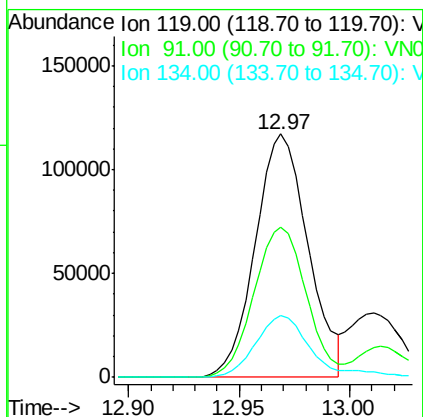
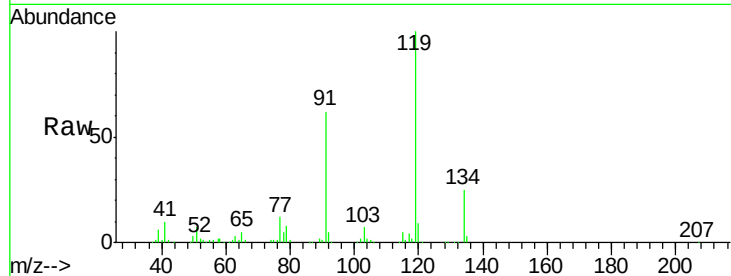
#83
 tert-Butylbenzene
 Concen: 16.852 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	194318		
91	61.7	31.3	93.8	
134	26.7	13.5	40.4	

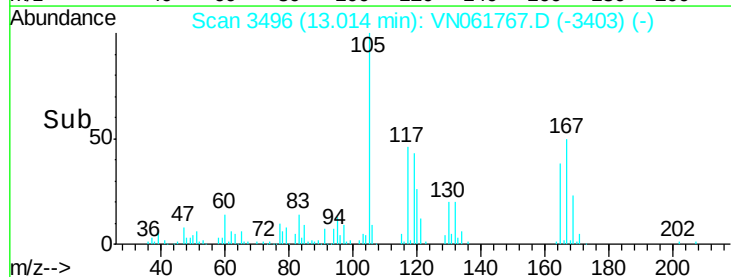
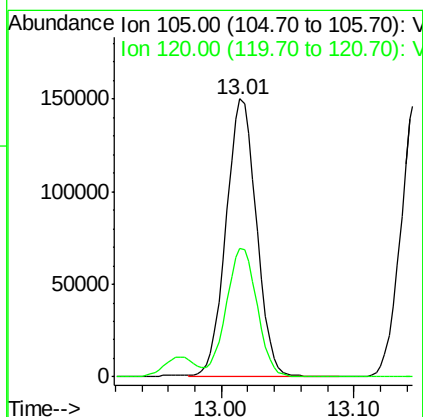
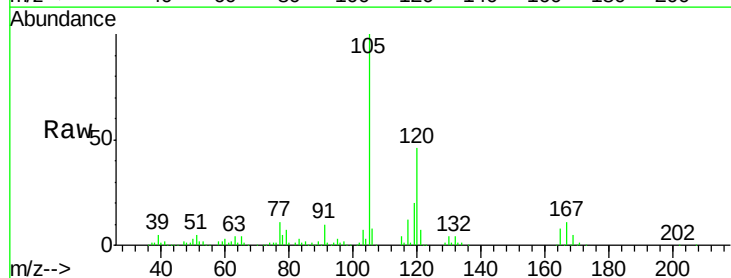
Manual Integrations
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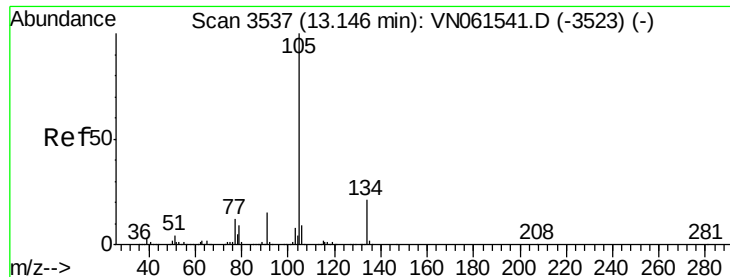
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.359 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	238014		
120	47.4	23.2	69.5	





#85

sec-Butylbenzene

Concen: 16.475 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Instrument :

MSVOA_N

ClientSampled :

VN0611WBS02

Tot Ion:105 Resp: 244784

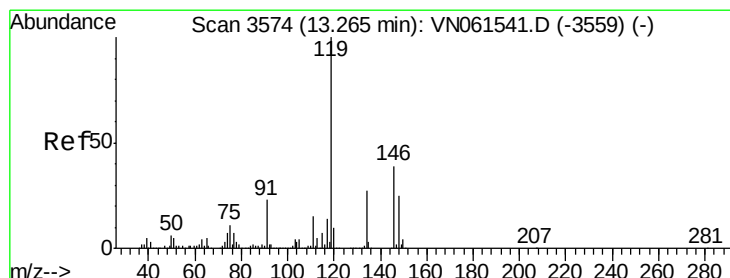
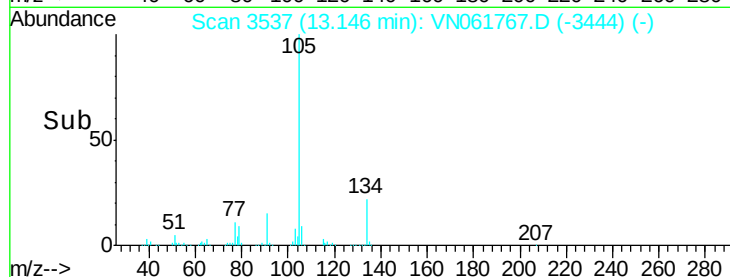
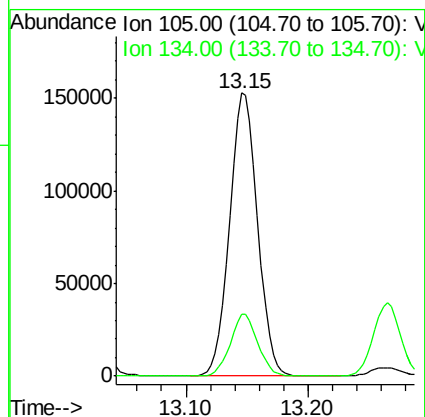
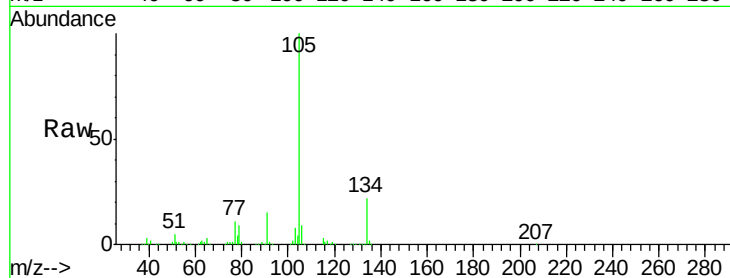
Ion Ratio Lower Upper

105 100

134 21.4 10.7 31.9

Manual Integrations
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6/12/2020 5:46:33 PM



#86

p-Isopropyltoluene

Concen: 16.839 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

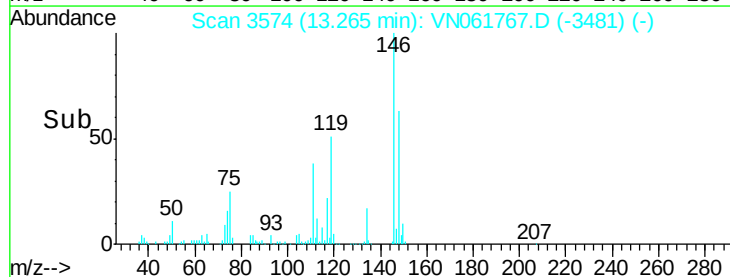
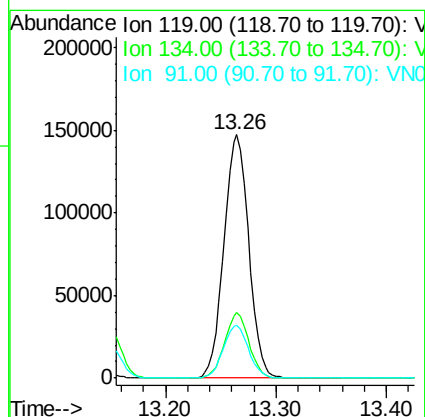
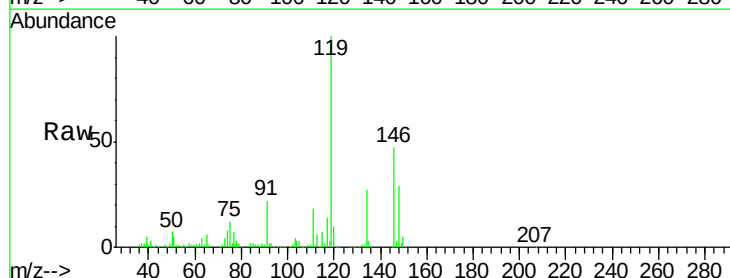
Tgt Ion:119 Resp: 230413

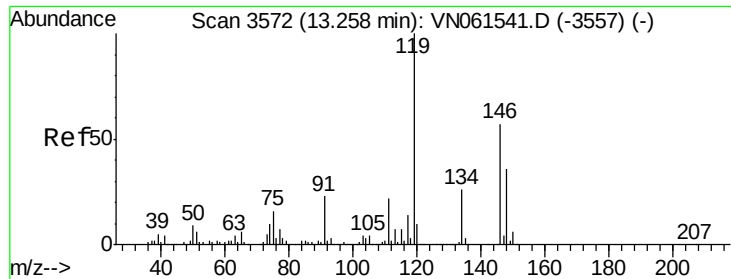
Ion Ratio Lower Upper

119 100

134 26.3 13.5 40.5

91 21.8 11.4 34.1





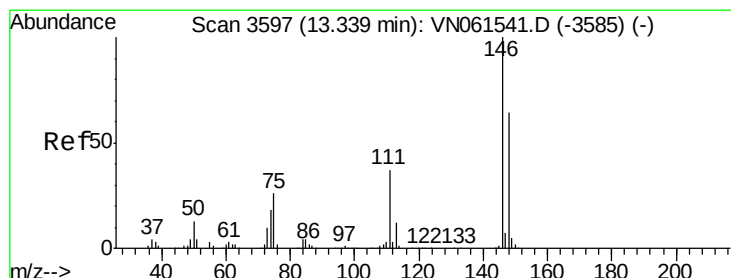
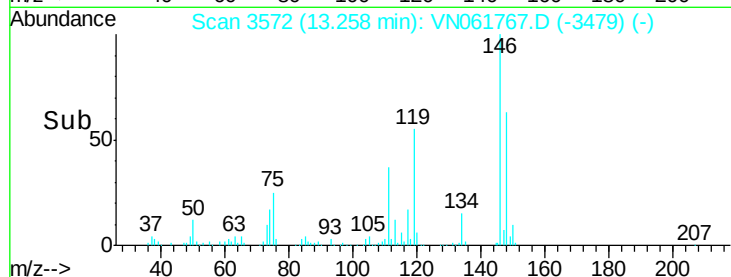
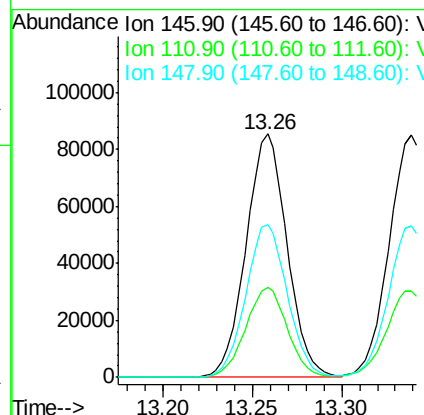
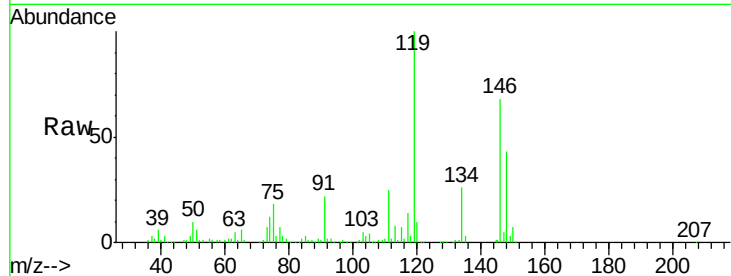
#87
 1,3-Dichlorobenzene
 Concen: 19.498 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	137608		
111	37.4	19.2	57.6	
148	63.6	31.7	95.1	

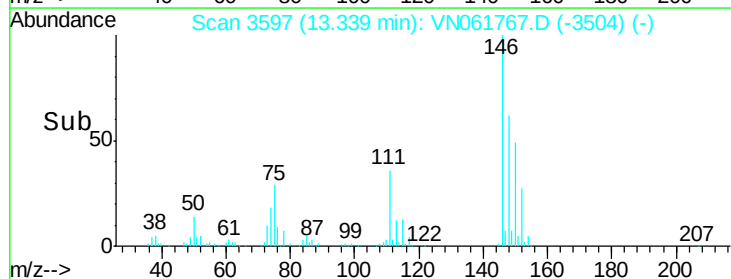
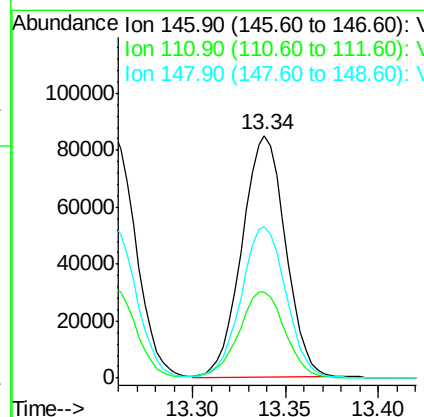
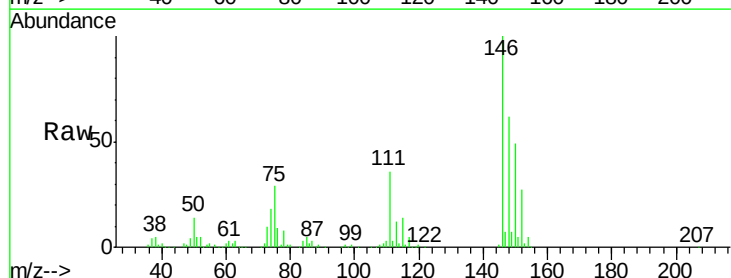
Manual Integrations
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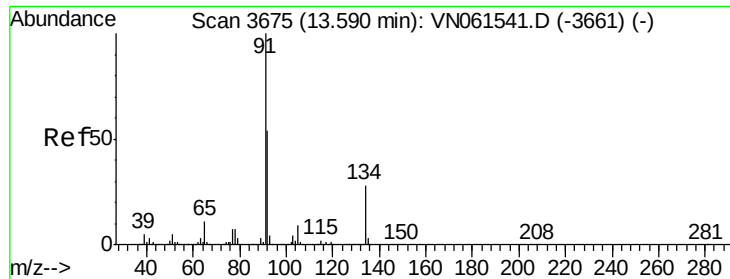
MMDadoda
 6/12/2020 5:46:33 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.243 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	138354		
111	37.9	18.9	56.9	
148	65.0	31.8	95.3	





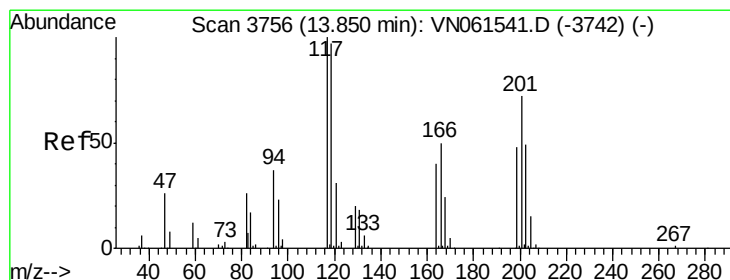
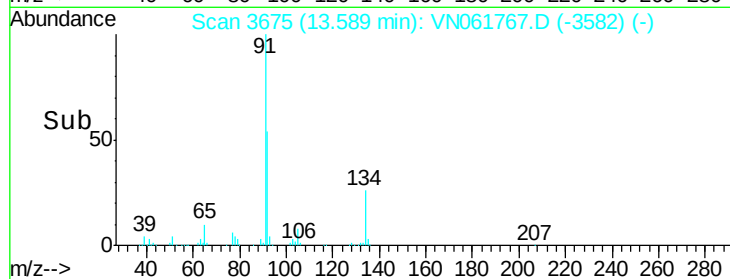
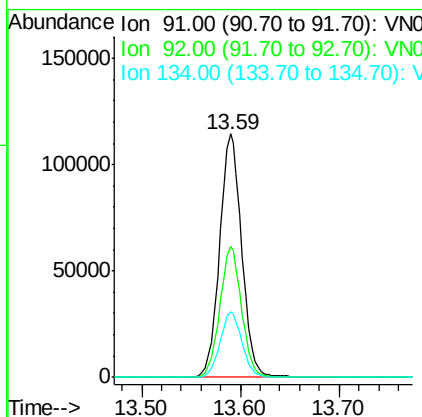
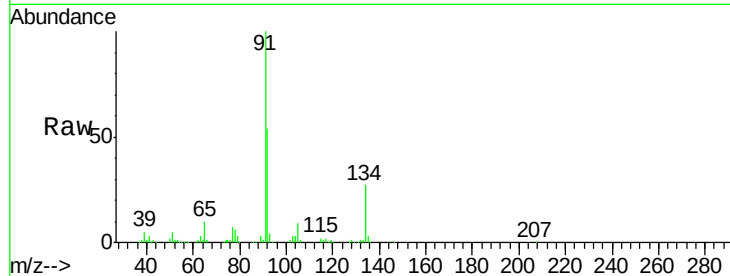
#89
n-Butylbenzene
Concen: 15.679 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	27.2	81.6
134	26.8	14.0	42.0

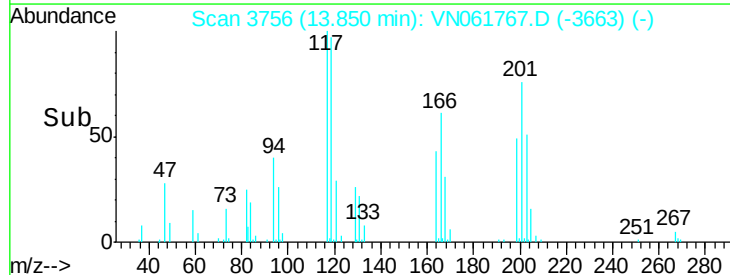
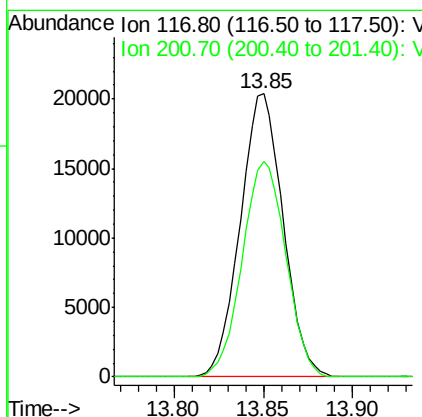
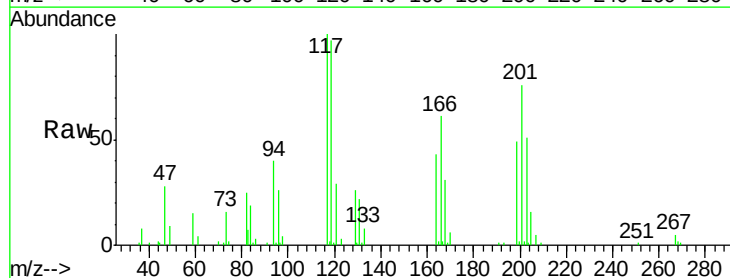
Manual Integrations
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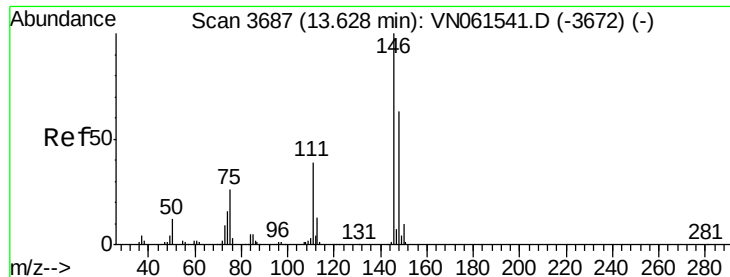
MMDadoda
6/12/2020 5:46:33 PM



#90
Hexachloroethane
Concen: 22.673 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.1	36.7	110.1





#91

1,2-Dichlorobenzene

Concen: 20.420 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Instrument :

MSVOA_N

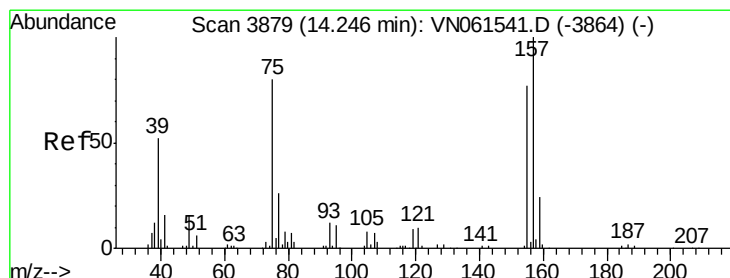
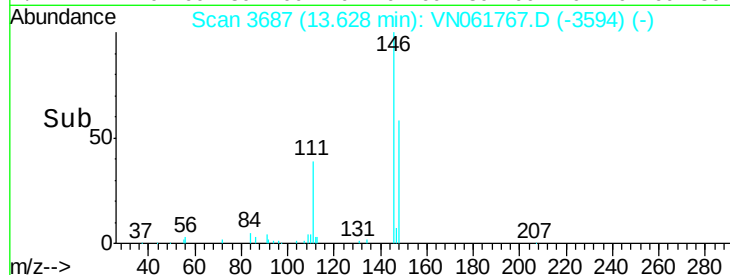
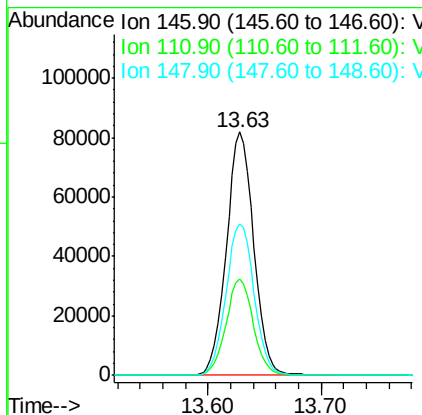
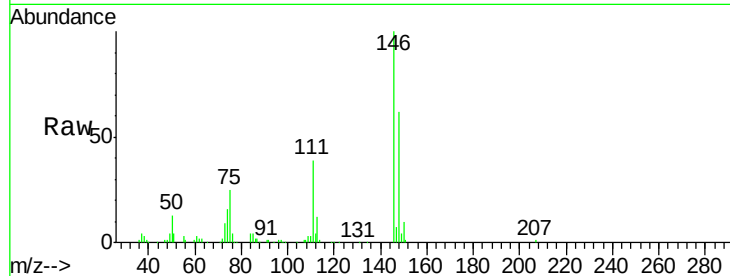
ClientSampleId :

VN0611WBS02

Tot Ion:	146	Resp:	137724
Ion Ratio	Lower	Upper	
146	100		
111	39.3	20.1	60.2
148	64.1	31.9	95.5

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 16.954 ug/l

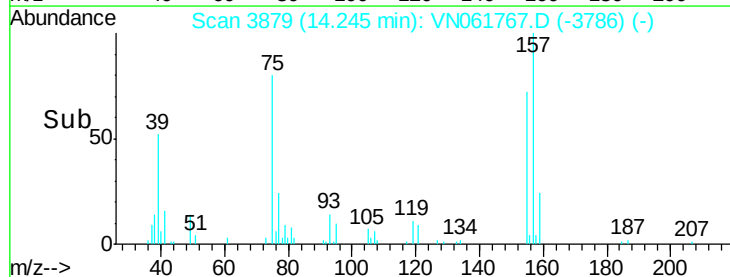
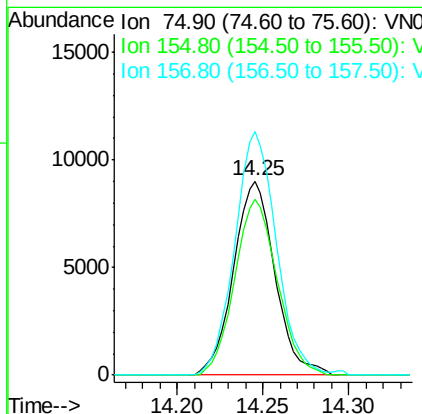
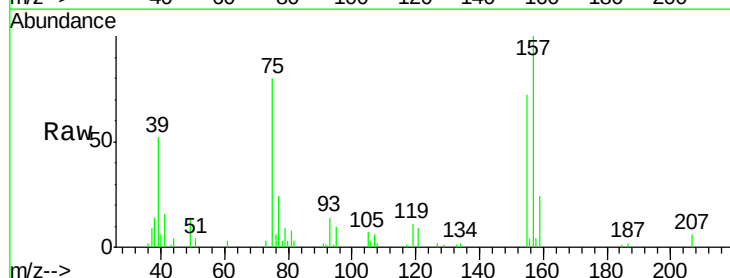
RT: 14.25 min Scan# 3879

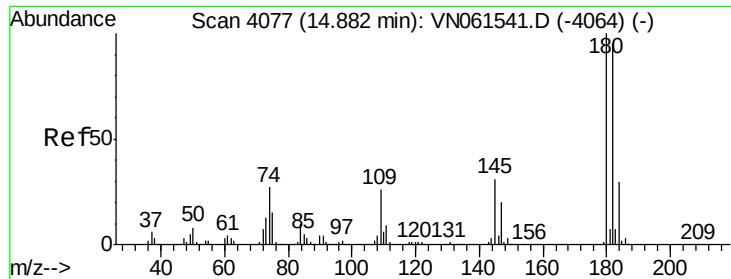
Delta R.T. -0.00 min

Lab File: VN061767.D

Acq: 12 Jun 2020 3:19

Tgt Ion:	75	Resp:	15129
Ion Ratio	Lower	Upper	
75	100		
155	92.7	47.1	141.4
157	126.9	60.3	180.8





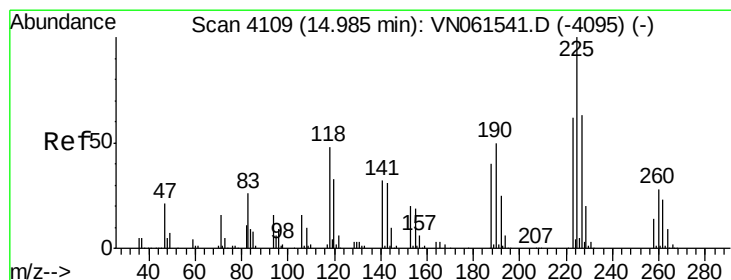
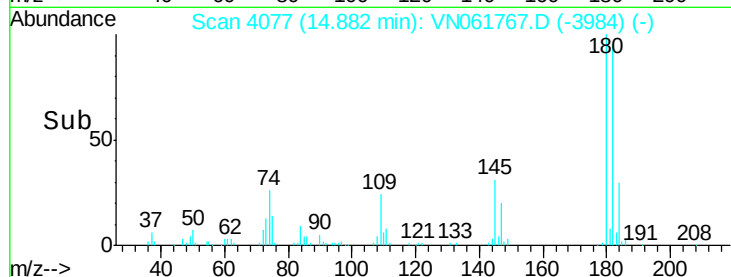
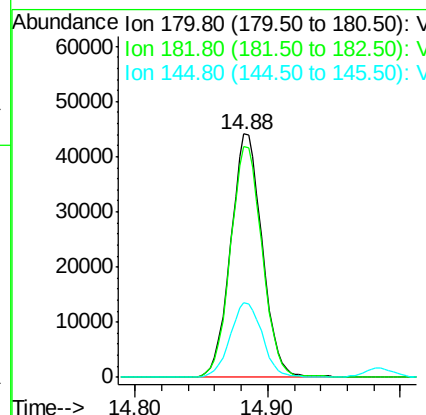
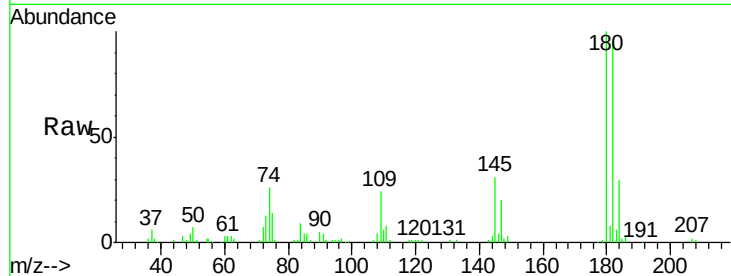
#93
 1,2,4-Trichlorobenzene
 Concen: 18.424 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.8	143.3
145	31.1	15.5	46.5

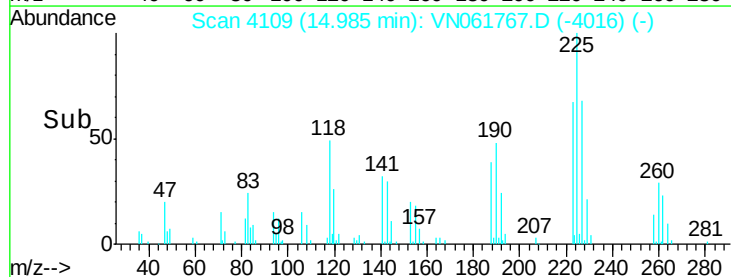
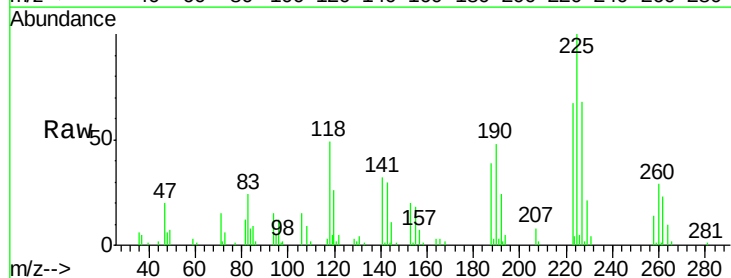
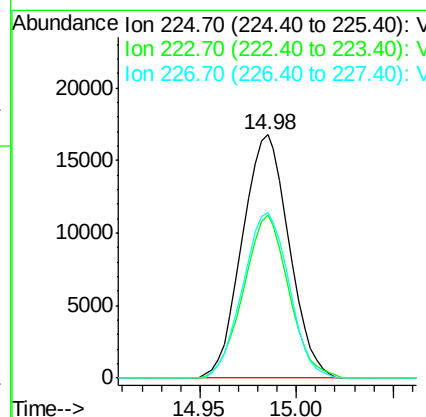
Manual Integrations
 APPROVED

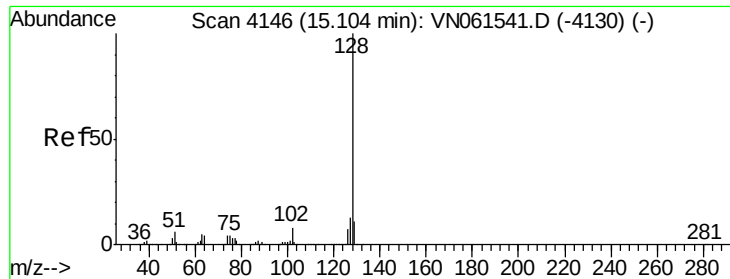
MMDadoda
 6/12/2020 5:46:33 PM



#94
 Hexachlorobutadiene
 Concen: 16.848 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. -0.00 min
 Lab File: VN061767.D
 Acq: 12 Jun 2020 3:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	31.9	95.5
227	66.9	31.9	95.9





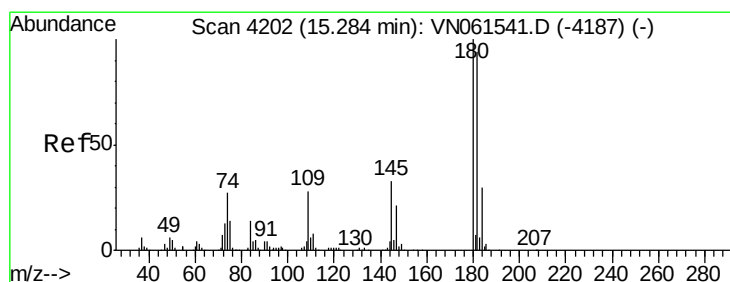
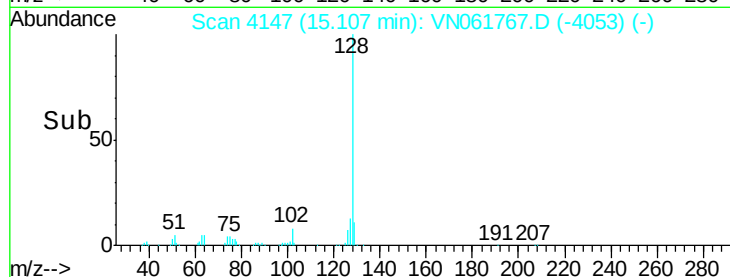
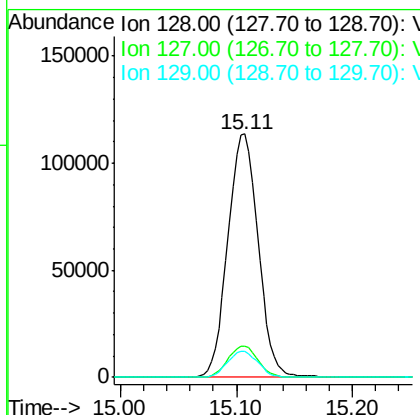
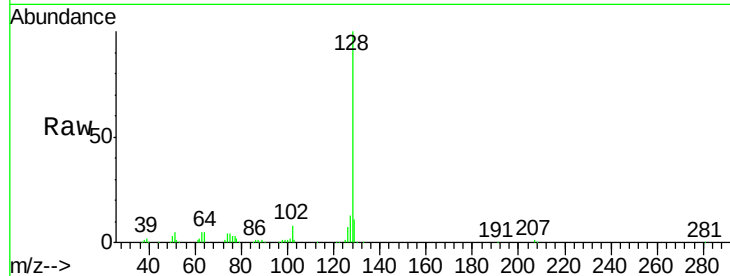
#95
Naphthalene
Concen: 17.155 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	205969		
127	12.9		10.0	15.0
129	10.6		8.5	12.7

Manual Integrations
APPROVED

MMDadoda
6/12/2020 5:46:33 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.294 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN061767.D
Acq: 12 Jun 2020 3:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	74829		
182	93.5		47.1	141.3
145	31.9		16.3	48.9

