

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070620\
 Data File : VN062372.D
 Acq On : 6 Jul 2020 19:07
 Operator : JC/MD
 Sample : VN0706WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0706WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/7/2020 10:08:07 AM

Quant Time: Jul 07 05:37:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070620W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 07 05:08:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	1074084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	1844416	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	1701925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	782288	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	1040681	53.56	ug/l	0.00
Spiked Amount			Recovery	=	107.12%	
35) Dibromofluoromethane	7.55	113	679666	54.02	ug/l	0.00
Spiked Amount			Recovery	=	108.04%	
50) Toluene-d8	10.06	98	2554176	54.30	ug/l	0.00
Spiked Amount			Recovery	=	108.60%	
62) 4-Bromofluorobenzene	12.38	95	925532	51.38	ug/l	0.00
Spiked Amount			Recovery	=	102.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	240189	19.761	ug/l	95
3) Chloromethane	2.04	50	359522	19.910	ug/l	100
4) Vinyl Chloride	2.16	62	302509	19.619	ug/l	99
5) Bromomethane	2.53	94	181302	22.674	ug/l	100
6) Chloroethane	2.67	64	181964	20.299	ug/l	98
7) Trichlorofluoromethane	2.98	101	433717	20.379	ug/l	98
8) Diethyl Ether	3.37	74	165819	20.167	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	230470	19.381	ug/l	98
10) Methyl Iodide	3.91	142	270494	18.945	ug/l	100
11) Tert butyl alcohol	4.74	59	301316	112.021	ug/l	97
12) 1,1-Dichloroethene	3.70	96	217720	19.723	ug/l	98
13) Acrolein	3.57	56	104285	91.539	ug/l	99
14) Allyl chloride	4.27	41	564691	20.991	ug/l	96
15) Acrylonitrile	4.93	53	739483	104.675	ug/l	99
16) Acetone	3.78	43	749584	83.684	ug/l	100
17) Carbon Disulfide	4.01	76	666063	19.056	ug/l	99
18) Methyl Acetate	4.28	43	376219	20.755	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	866887	20.519	ug/l	96
20) Methylene Chloride	4.50	84	290566	21.320	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	243137	19.944	ug/l	97
22) Diisopropyl ether	5.91	45	1124934	20.907	ug/l	98
23) Vinyl Acetate	5.85	43	4828232	101.494	ug/l	97
24) 1,1-Dichloroethane	5.80	63	550434	20.643	ug/l	99
25) 2-Butanone	6.79	43	1120945	99.374	ug/l	98
26) 2,2-Dichloropropane	6.78	77	430475	19.600	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	296144	21.207	ug/l	94
28) Bromochloromethane	7.15	49	328204	22.026	ug/l	98
29) Tetrahydrofuran	7.17	42	760136	106.024	ug/l	99
30) Chloroform	7.33	83	522791	20.147	ug/l	99
31) Cyclohexane	7.62	56	492363	19.985	ug/l	# 96
32) 1,1,1-Trichloroethane	7.53	97	443851	20.356	ug/l	98
36) 1,1-Dichloropropene	7.75	75	382084	19.715	ug/l	99
37) Ethyl Acetate	6.88	43	474298	20.629	ug/l	99
38) Carbon Tetrachloride	7.73	117	398750	20.460	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	395039	18.954	ug/l	98
40) Benzene	8.00	78	1124901	20.432	ug/l	95
41) Methacrylonitrile	7.12	41	181355	15.626	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	485201	20.002	ug/l	99
43) Isopropyl Acetate	8.13	43	795395	20.698	ug/l	98
44) Trichloroethene	8.80	130	254341	19.323	ug/l	93
45) 1,2-Dichloropropane	9.08	63	327279	20.279	ug/l	99
46) Dibromomethane	9.18	93	198474	19.870	ug/l	99
47) Bromodichloromethane	9.37	83	419250	19.692	ug/l	99
48) Methyl methacrylate	9.17	41	387337	19.748	ug/l	99
49) 1,4-Dioxane	9.17	88	103542	388.711	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	2389776	98.731	ug/l	97
52) Toluene	10.12	92	679971	20.653	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	464227	20.265	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	481317	19.691	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	269647	20.438	ug/l	98
56) Ethyl methacrylate	10.40	69	422218	19.869	ug/l	99
57) 1,3-Dichloropropane	10.68	76	487630	19.903	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	724901	94.846	ug/l	100
59) 2-Hexanone	10.72	43	1734888	111.387	ug/l	96
60) Dibromochloromethane	10.87	129	295342	19.658	ug/l	97
61) 1,2-Dibromoethane	10.98	107	268434	19.819	ug/l	100
64) Tetrachloroethene	10.60	164	218085	19.916	ug/l	97
65) Chlorobenzene	11.41	112	713844	20.450	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	270396	20.601	ug/l	100
67) Ethyl Benzene	11.48	91	1313301	21.307	ug/l	97
68) m/p-Xylenes	11.60	106	926353	40.889	ug/l	92
69) o-Xylene	11.92	106	450700	20.225	ug/l	99
70) Styrene	11.94	104	751632	20.412	ug/l	99
71) Bromoform	12.10	173	198202	19.233	ug/l #	100
73) Isopropylbenzene	12.22	105	1236615	19.776	ug/l	99
74) N-amyl acetate	12.05	43	652127	20.971	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	411931	20.353	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	368078m	19.480	ug/l	
77) Bromobenzene	12.50	156	281151	20.557	ug/l	100
78) n-propylbenzene	12.57	91	1436155	19.469	ug/l	99
79) 2-Chlorotoluene	12.65	91	865344	20.596	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	1046821	21.510	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	128061	19.381	ug/l	98
82) 4-Chlorotoluene	12.75	91	900851	20.963	ug/l	99
83) tert-Butylbenzene	12.97	119	860614	20.867	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	1013834	21.073	ug/l	100
85) sec-Butylbenzene	13.15	105	1162104	21.996	ug/l	99
86) p-Isopropyltoluene	13.26	119	999311	20.988	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	502116	20.399	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	506294	19.903	ug/l	99
89) n-Butylbenzene	13.59	91	828673	20.155	ug/l	99
90) Hexachloroethane	13.85	117	197374	19.385	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	497700	21.113	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	81871	20.641	ug/l	97

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ClientSampleId :
VN0706WBS01

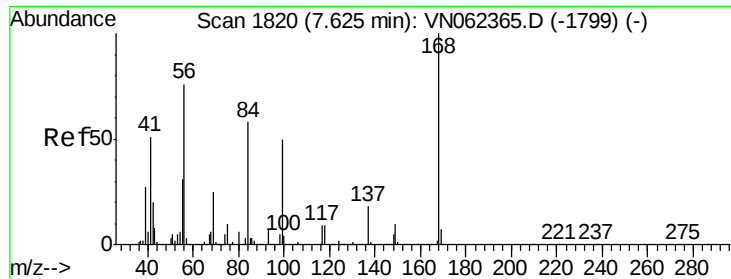
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	217877	19.167	ug/l	99
94) Hexachlorobutadiene	14.98	225	133154	20.666	ug/l	97
95) Naphthalene	15.11	128	576337	18.642	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	224922	19.824	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062372.D

Acq: 6 Jul 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

VN0706WBS01

Tot Ion:168 Resp: 1074084

Ion Ratio Lower Upper

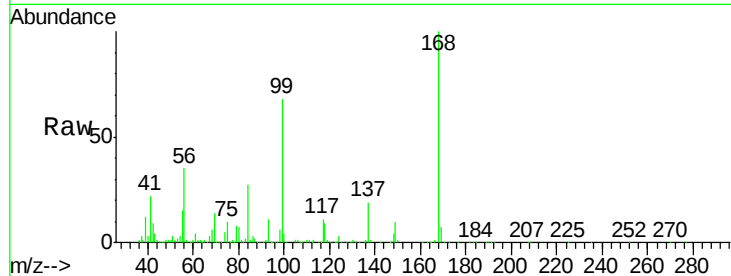
168 100

99 68.2 52.9 79.3

Manual Integrations
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

400000

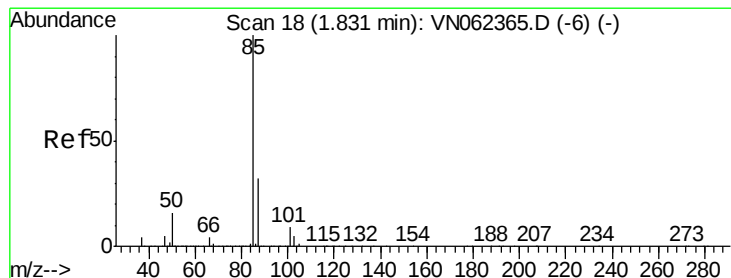
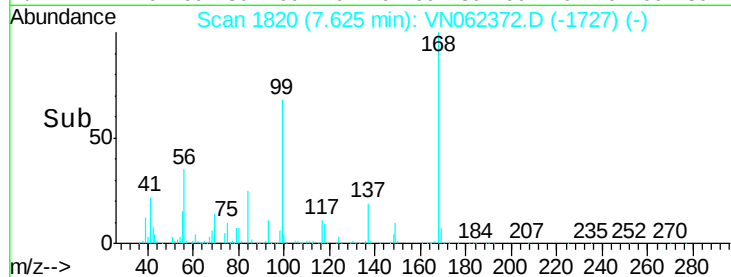
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.761 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062372.D

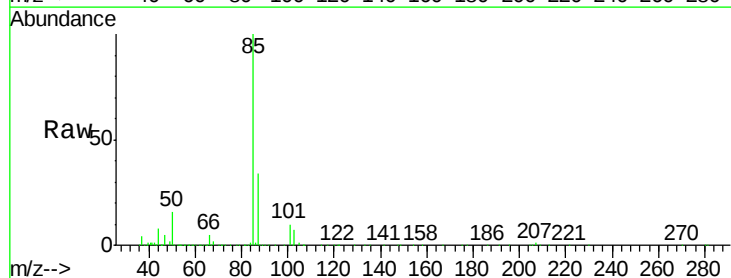
Acq: 6 Jul 2020 19:07

Tgt Ion: 85 Resp: 240189

Ion Ratio Lower Upper

85 100

87 34.1 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

200000

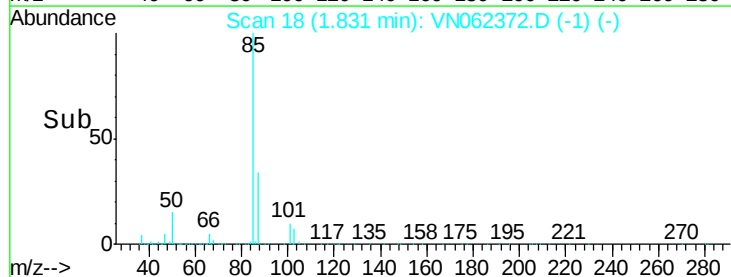
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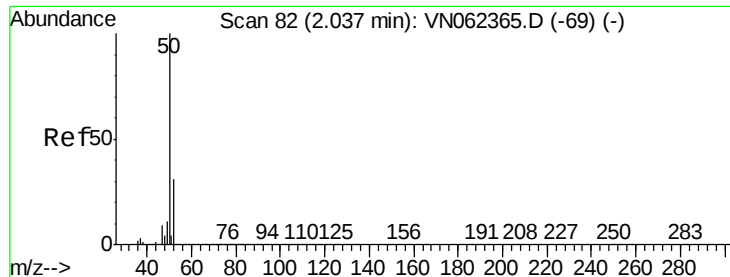
100000

50000

0

Time-->





#3

Chloromethane

Concen: 19.910 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN062372.D

Acq: 6 Jul 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

VN0706WBS01

Tot Ion: 50 Resp: 359522

Ion Ratio Lower Upper

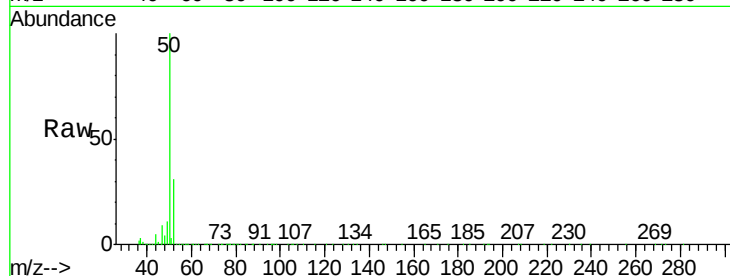
50 100

52 31.3 25.0 37.6

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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

250000

200000

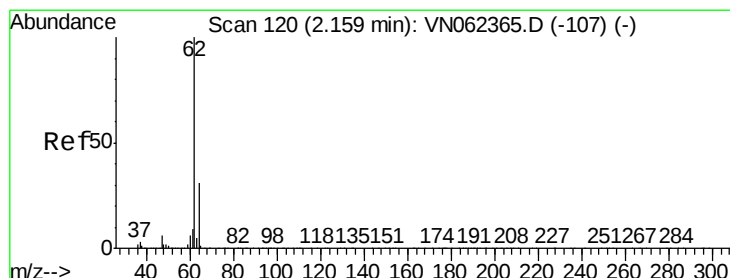
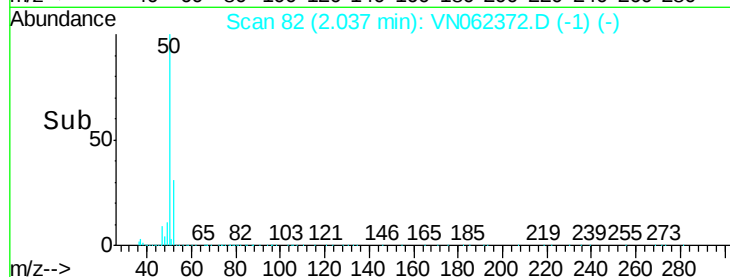
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 19.619 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062372.D

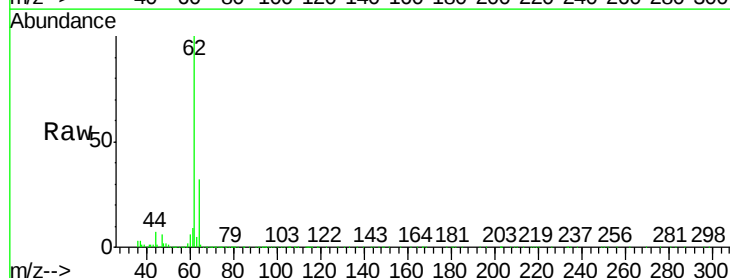
Acq: 6 Jul 2020 19:07

Tgt Ion: 62 Resp: 302509

Ion Ratio Lower Upper

62 100

64 31.5 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.16

200000

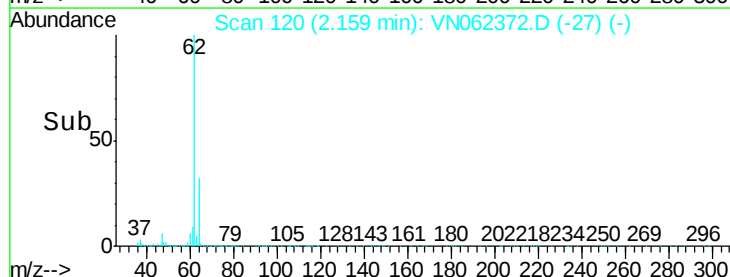
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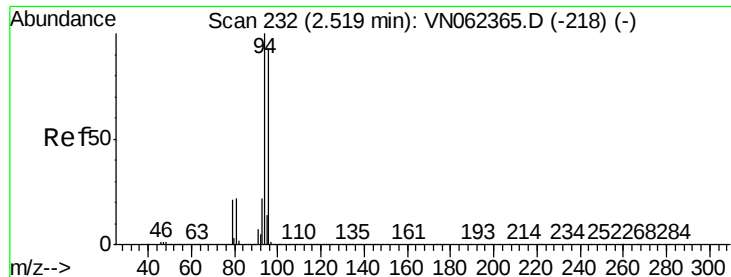
100000

50000

0

Time-->





#5

Bromomethane

Concen: 22.674 ug/l

RT: 2.53 min Scan# 234

Delta R.T. 0.01 min

Lab File: VN062372.D

Acq: 6 Jul 2020 19:07

Instrument :

MSVOA_N

ClientSampled :

VN0706WBS01

Tot Ion: 94 Resp: 181302

Ion Ratio Lower Upper

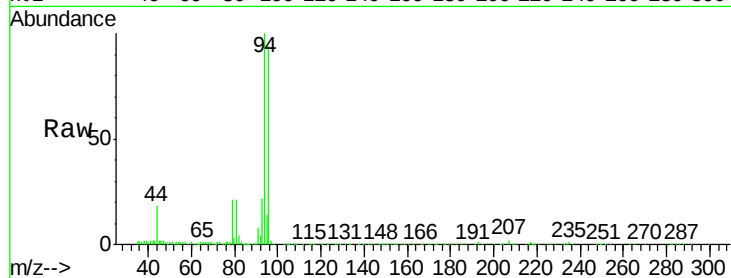
94 100

96 93.4 74.7 112.1

Manual Integrations
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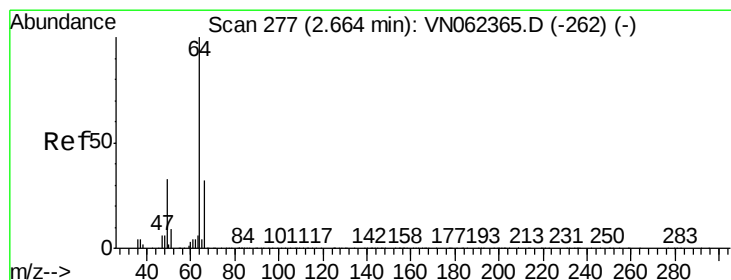
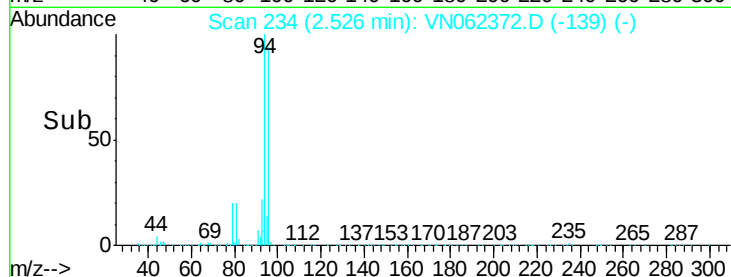
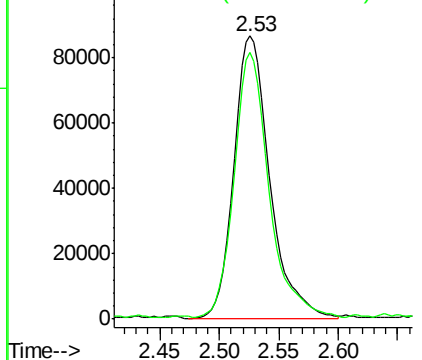
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.299 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062372.D

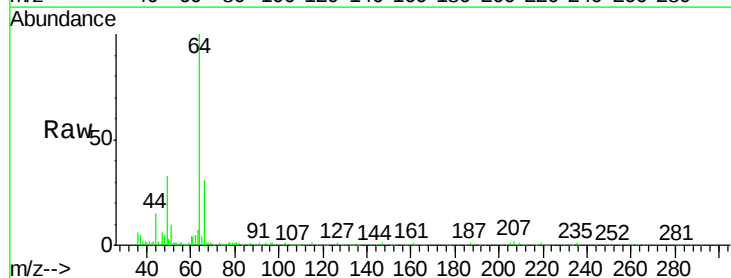
Acq: 6 Jul 2020 19:07

Tgt Ion: 64 Resp: 181964

Ion Ratio Lower Upper

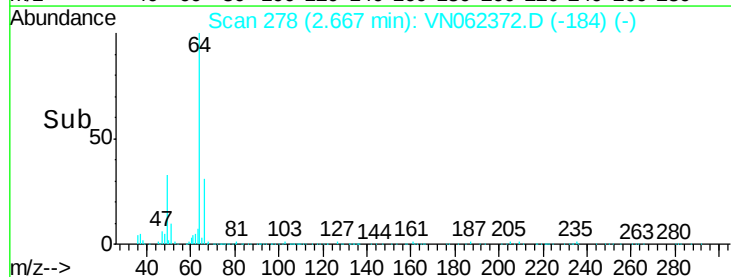
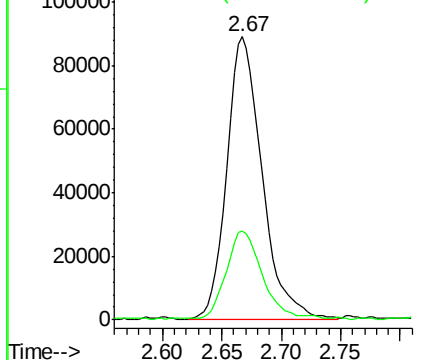
64 100

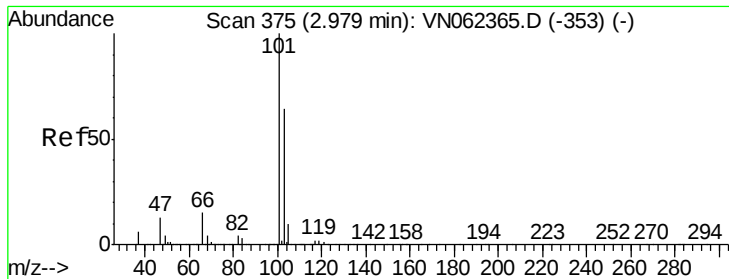
66 30.9 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

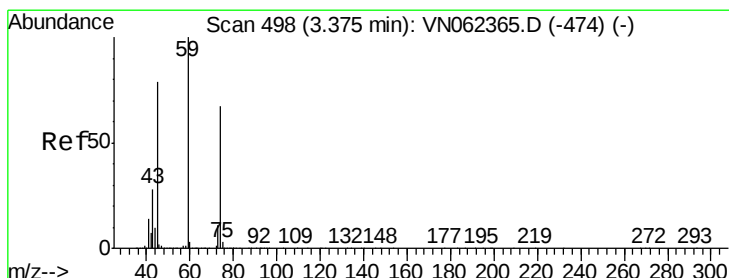
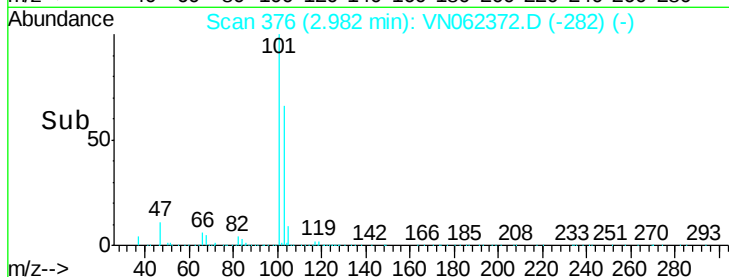
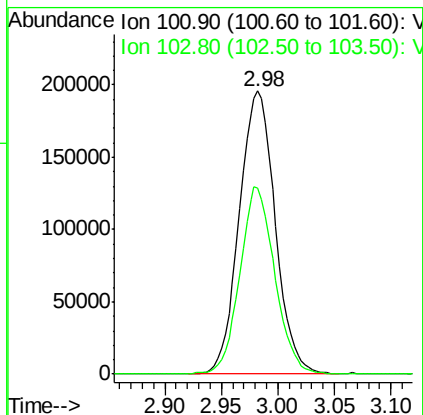
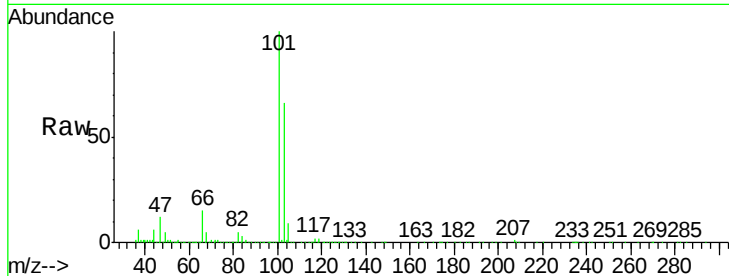
Trichlorofluoromethane
Concen: 20.379 ug/l
RT: 2.98 min Scan# 376
Delta R.T. 0.00 min
Lab File: VN062372.D
Acq: 6 Jul 2020 19:07

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VN0706WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.0	76.6

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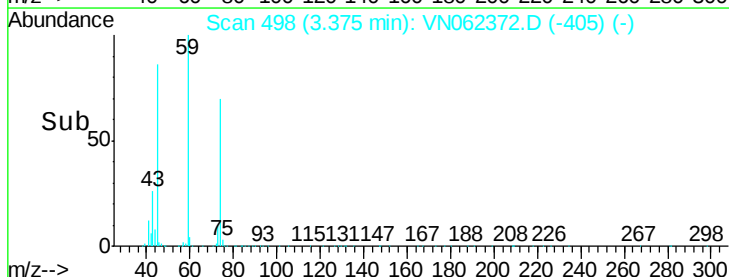
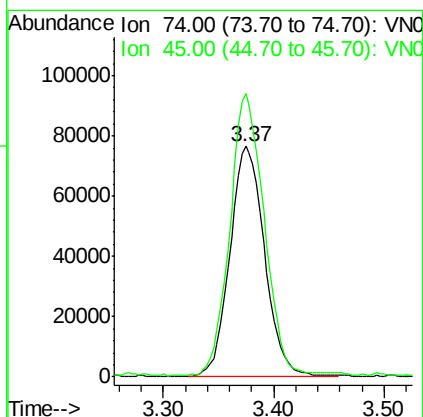
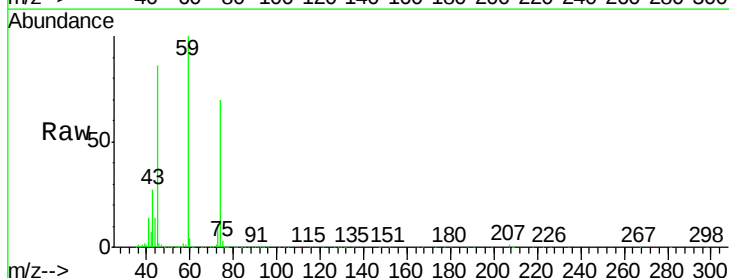
MMDadoda
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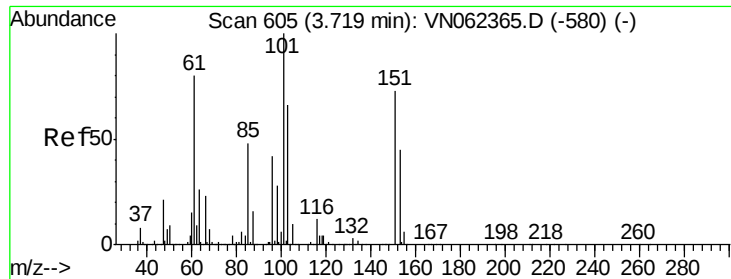


#8

Diethyl Ether
Concen: 20.167 ug/l
RT: 3.37 min Scan# 498
Delta R.T. -0.00 min
Lab File: VN062372.D
Acq: 6 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	121.3	59.9	179.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.381 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062372.D

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Instrument :

MSVOA_N

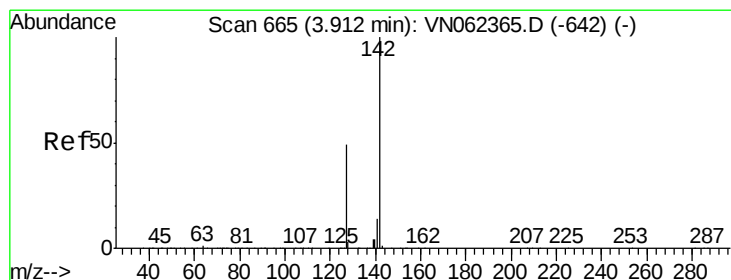
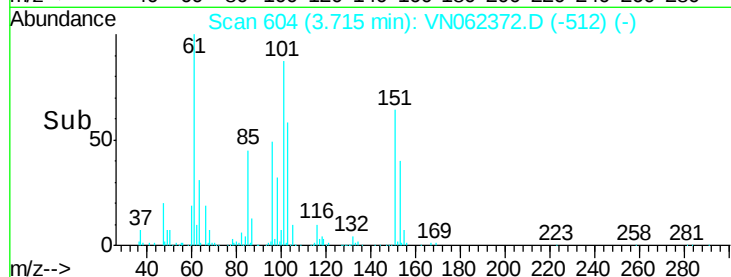
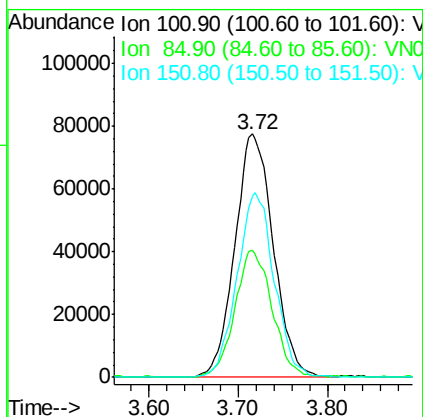
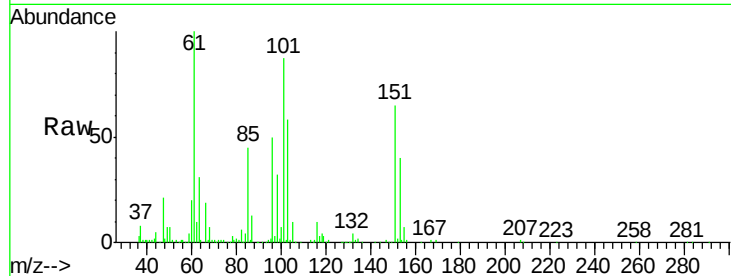
ClientSampled :

VN0706WBS01

Tot Ion:	101	Resp:	230470
Ion Ratio	Lower	Upper	
101	100		
85	51.0	38.6	57.8
151	73.8	58.3	87.5

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#10

Methyl Iodide

Concen: 18.945 ug/l

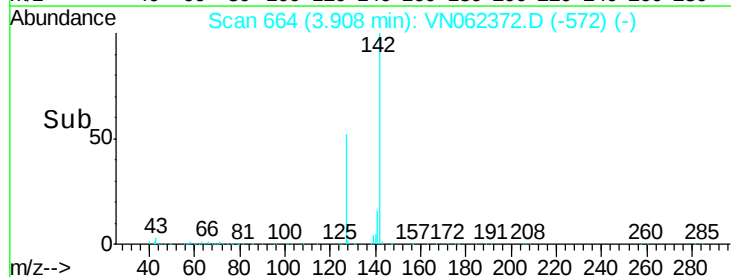
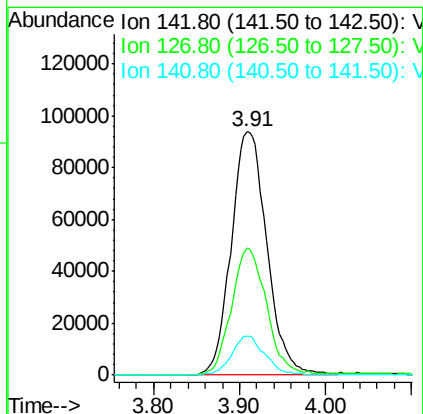
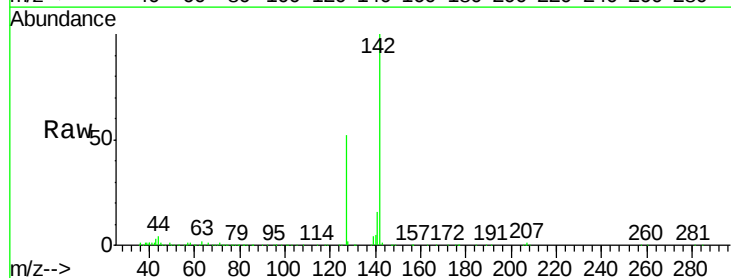
RT: 3.91 min Scan# 664

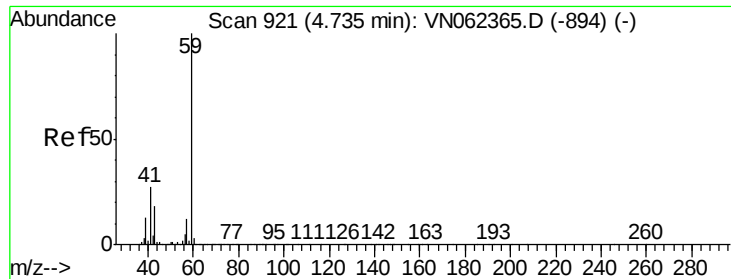
Delta R.T. -0.00 min

Lab File: VN062372.D

Acq: 6 Jul 2020 19:07

Tgt Ion:	142	Resp:	270494
Ion Ratio	Lower	Upper	
142	100		
127	51.4	41.0	61.6
141	15.0	11.8	17.8





#11

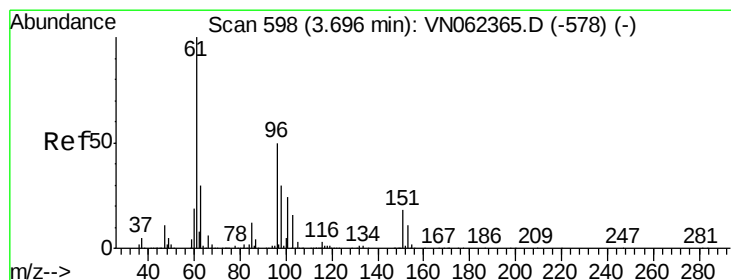
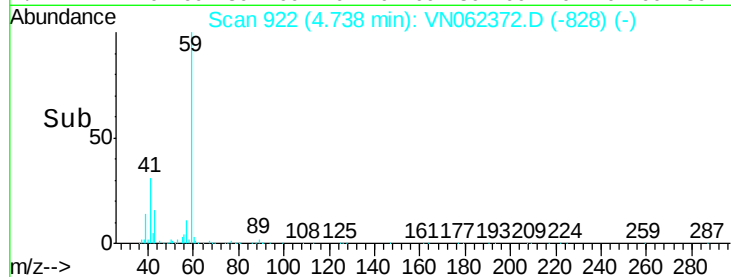
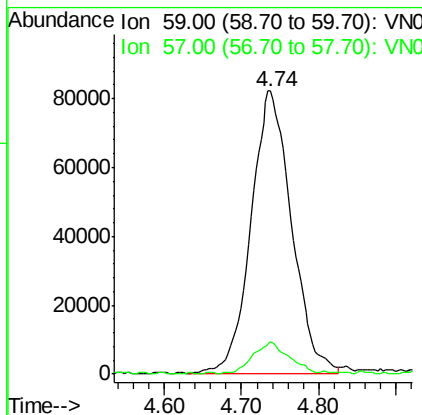
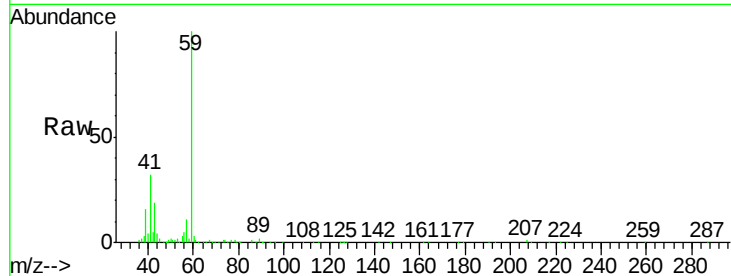
Tert butyl alcohol
 Concen: 112.021 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VN062372.D
 Acq: 6 Jul 2020 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0706WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.5	8.5	12.7

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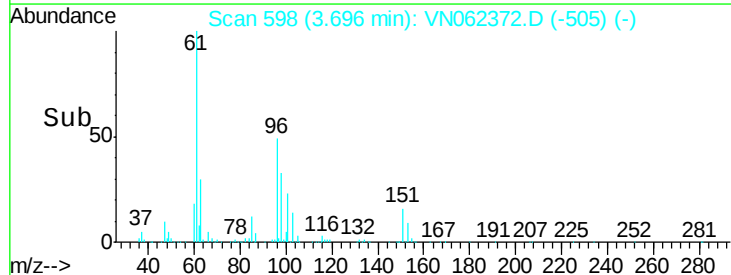
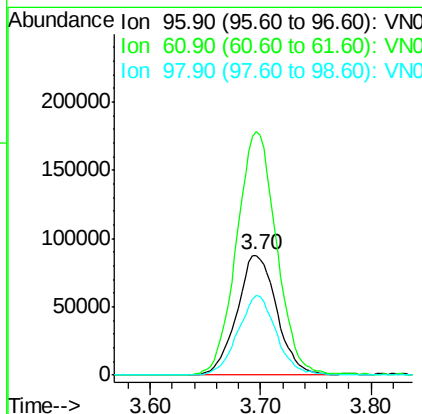
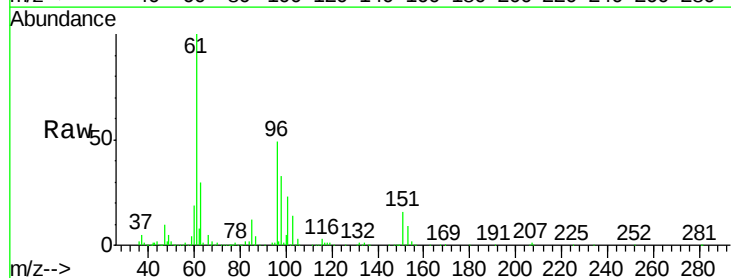
MMDadoda
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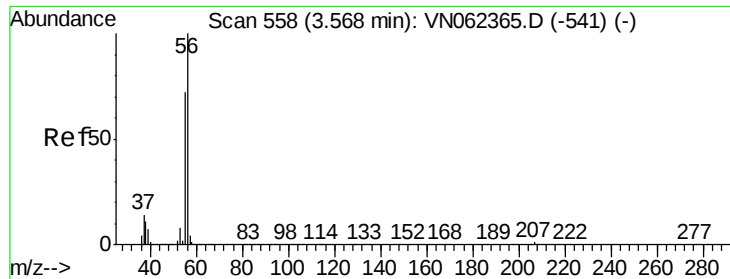


#12

1,1-Dichloroethene
 Concen: 19.723 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: VN062372.D
 Acq: 6 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	203.3	161.4	242.0
98	66.0	48.8	73.2





#13

Acrolein

Concen: 91.539 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062372.D

Acq: 6 Jul 2020 19:07

Instrument :

MSVOA_N

ClientSampled :

VN0706WBS01

Tot Ion: 56 Resp: 104285

Ion Ratio Lower Upper

56 100

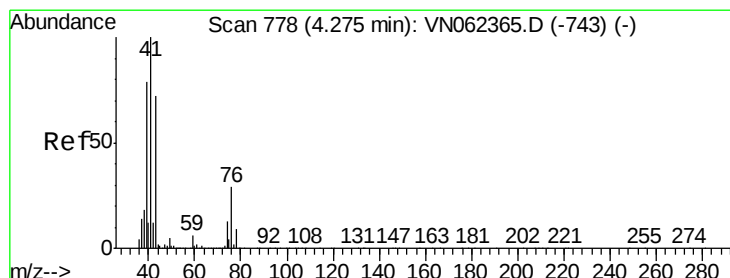
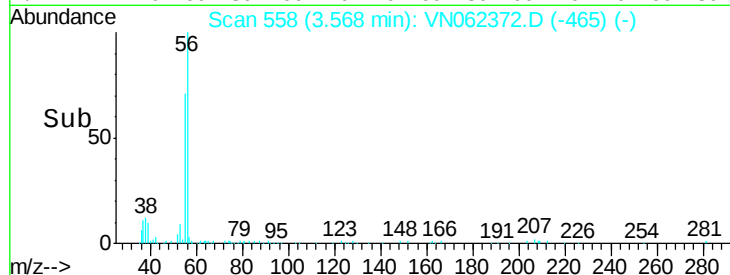
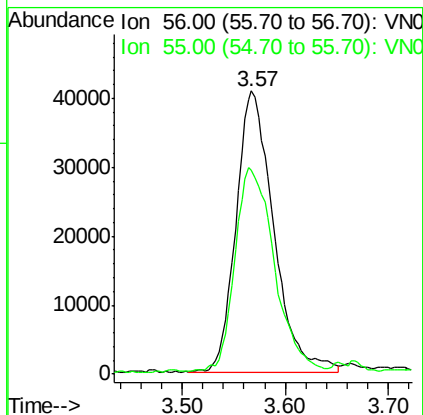
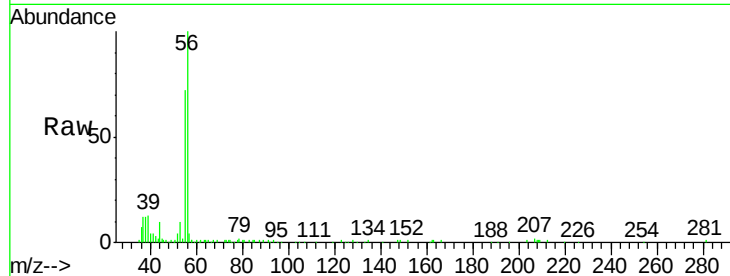
55 75.5 59.6 89.4

Manual Integrations

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#14

Allyl chloride

Concen: 20.991 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062372.D

Acq: 6 Jul 2020 19:07

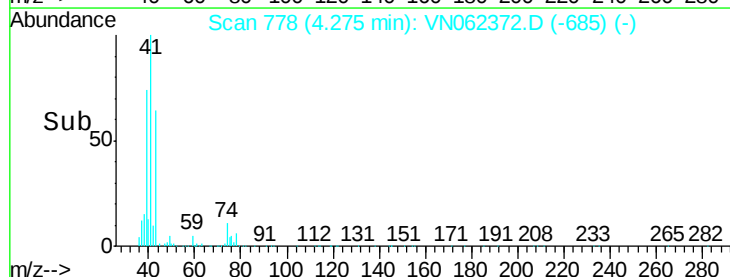
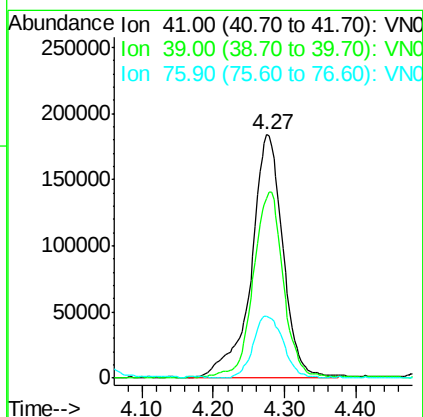
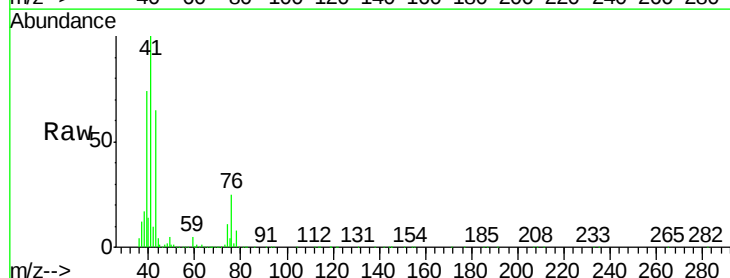
Tgt Ion: 41 Resp: 564691

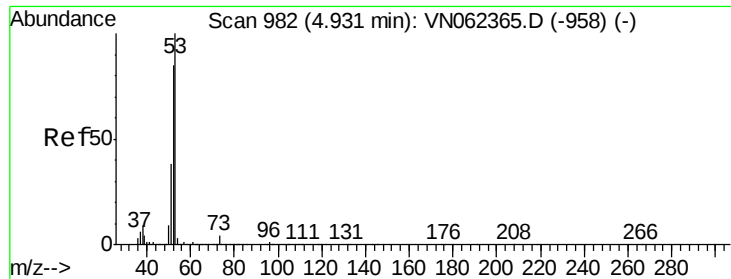
Ion Ratio Lower Upper

41 100

39 71.8 59.8 89.6

76 23.8 20.7 31.1





#15

Acrylonitrile

Concen: 104.675 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.00 min

Lab File: VN062372.D

Acq: 6 Jul 2020 19:07

Instrument :

MSVOA_N

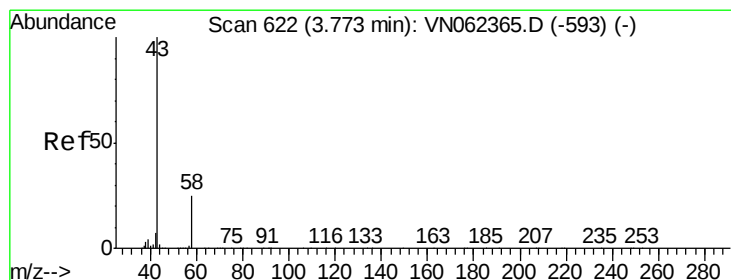
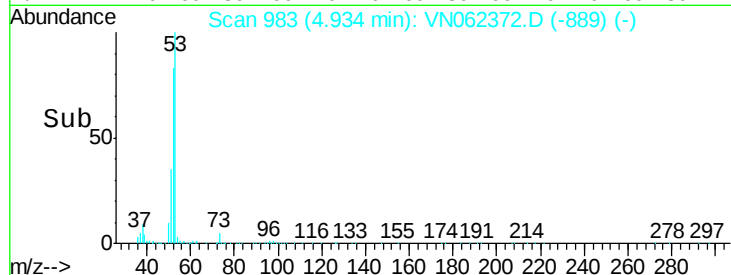
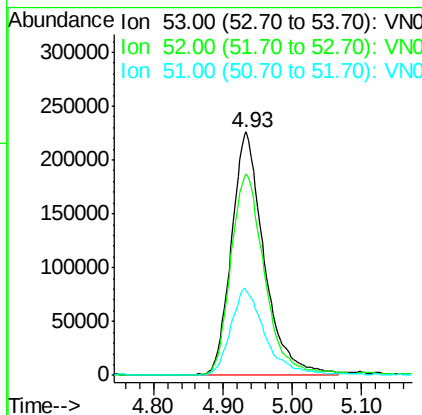
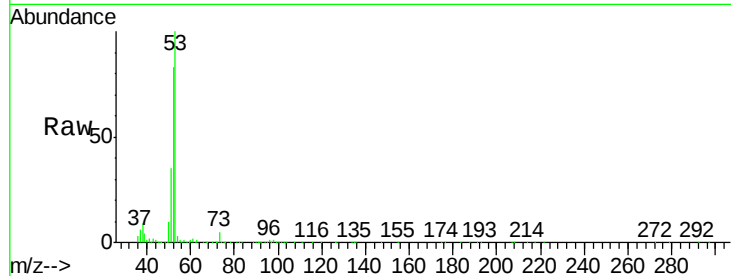
ClientSampleId :

VN0706WBS01

Tot Ion:	53	Resp:	739483
Ion	Ratio	Lower	Upper
53	100		
52	84.5	67.6	101.4
51	37.2	30.6	45.8

Manual Integrations
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#16

Acetone

Concen: 83.684 ug/l

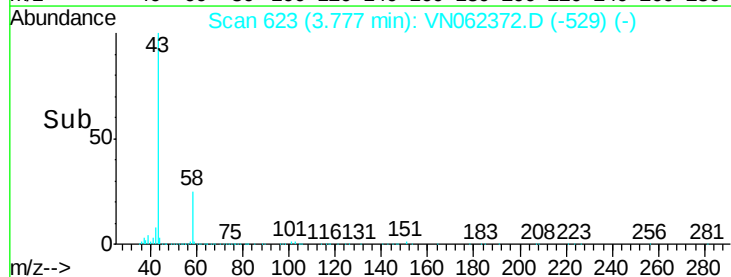
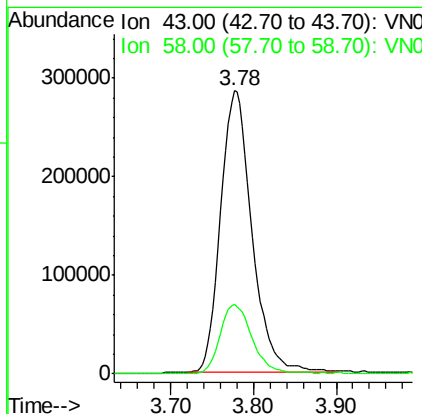
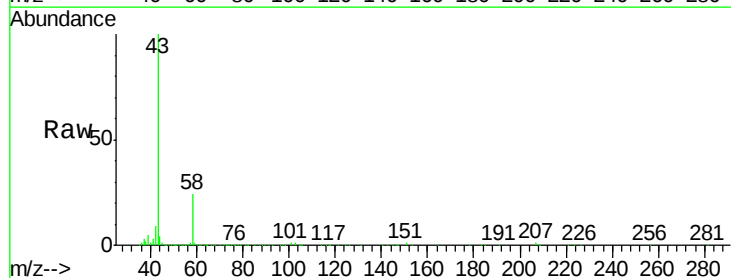
RT: 3.78 min Scan# 623

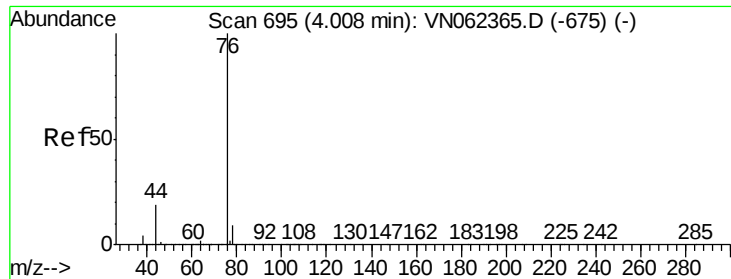
Delta R.T. 0.00 min

Lab File: VN062372.D

Acq: 6 Jul 2020 19:07

Tgt Ion:	43	Resp:	749584
Ion	Ratio	Lower	Upper
43	100		
58	24.6	19.8	29.8





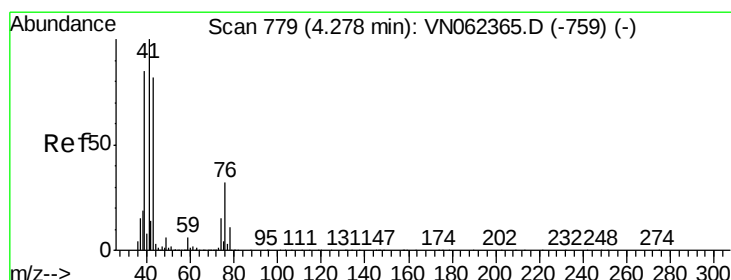
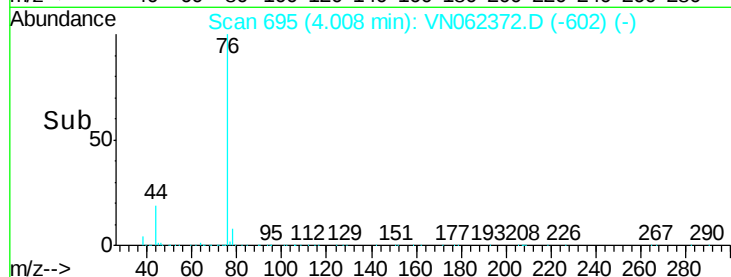
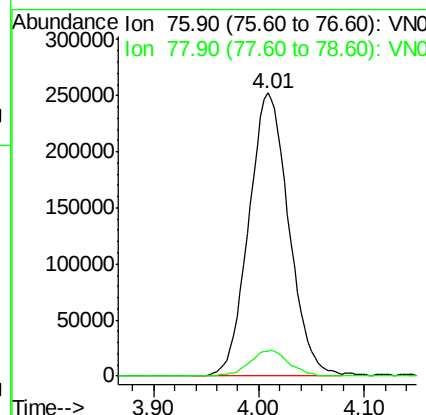
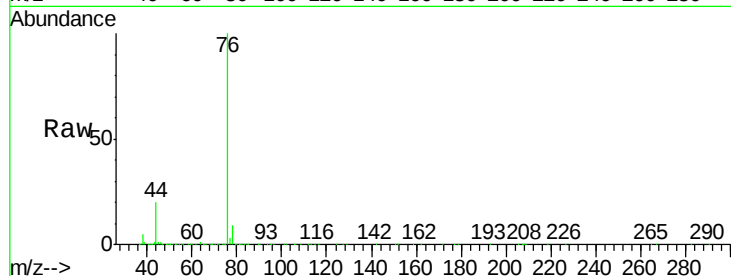
#17
Carbon Disulfide
Concen: 19.056 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN062372.D
Acq: 6 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :
VN0706WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	6.9	10.3

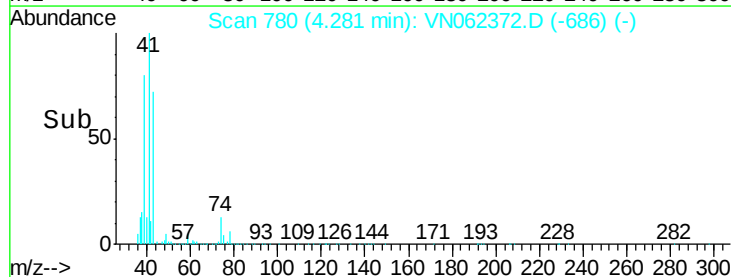
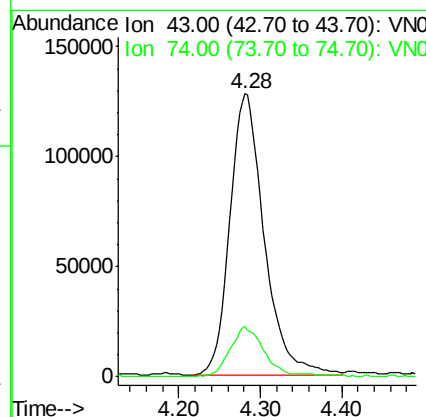
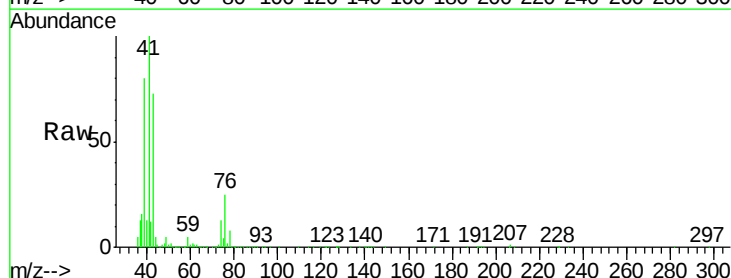
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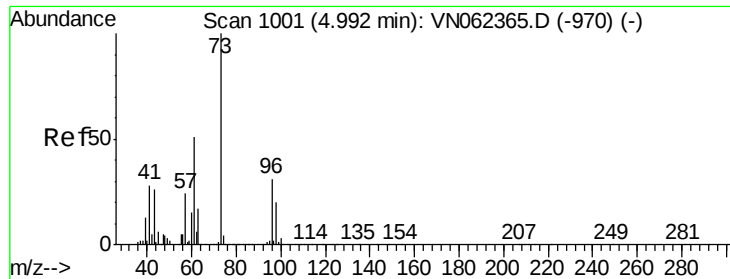
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#18
Methyl Acetate
Concen: 20.755 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.00 min
Lab File: VN062372.D
Acq: 6 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
43	100		
74	17.7	14.2	21.4





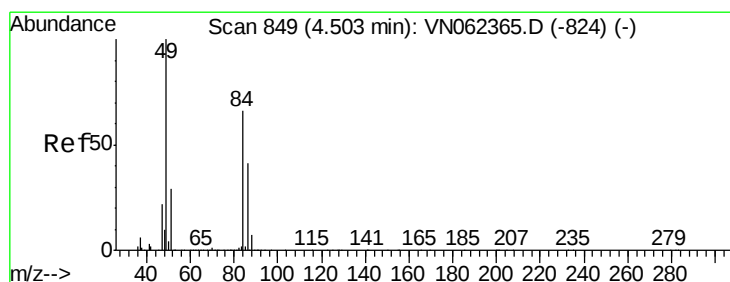
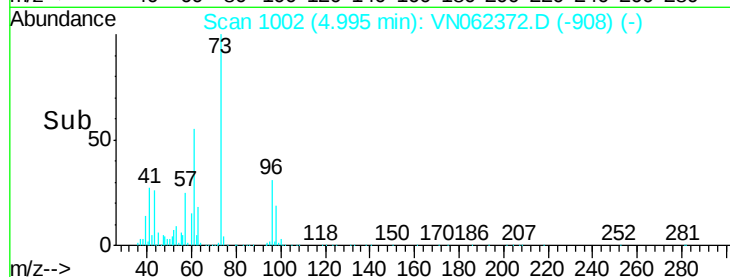
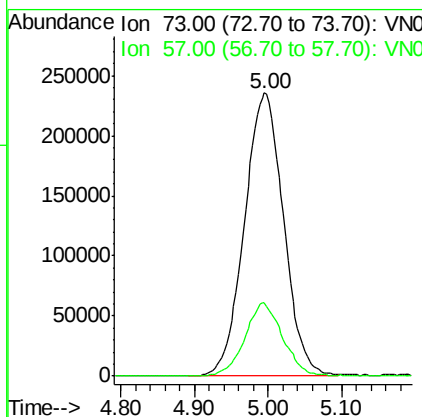
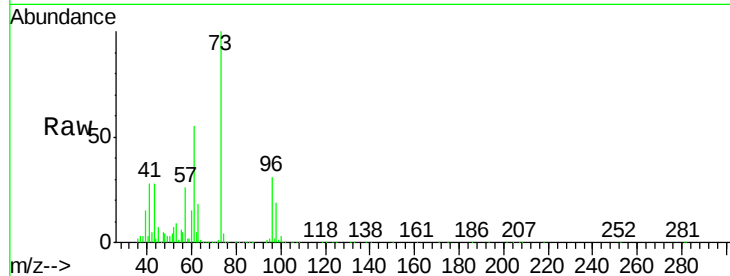
#19
Methvl tert-butvl Ether
Concen: 20.519 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. 0.00 min
Lab File: VN062372.D
Acq: 6 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :
VN0706WBS01

Tot Ion: 73 Resp: 866887
Ion Ratio Lower Upper
73 100
57 25.8 18.9 28.3

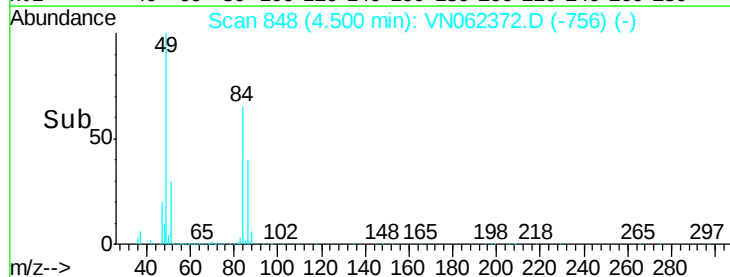
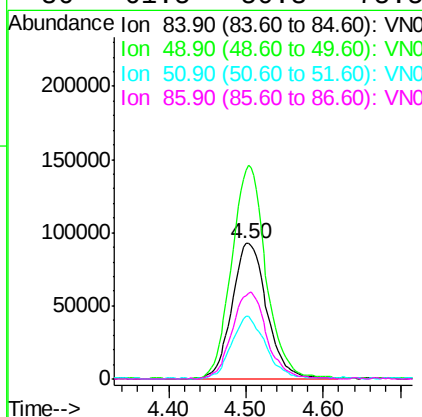
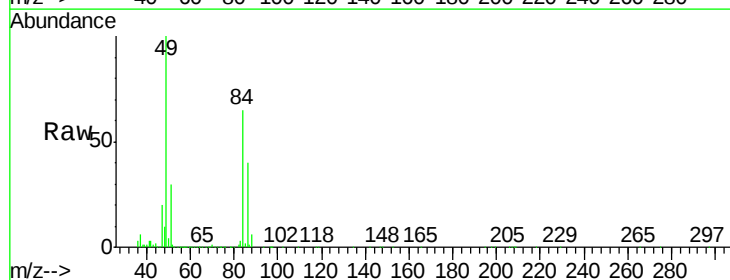
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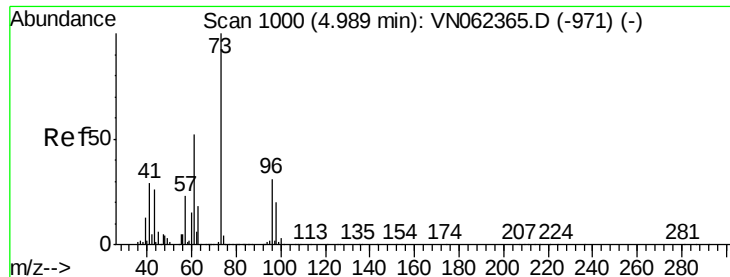
MMDadoda
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#20
Methylene Chloride
Concen: 21.320 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062372.D
Acq: 6 Jul 2020 19:07

Tgt Ion: 84 Resp: 290566
Ion Ratio Lower Upper
84 100
49 154.2 121.8 182.6
51 45.8 35.0 52.4
86 61.5 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 19.944 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN062372.D

Acq: 6 Jul 2020 19:07

Instrument :

MSVOA_N

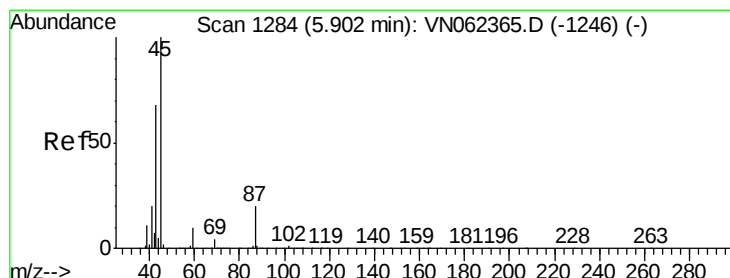
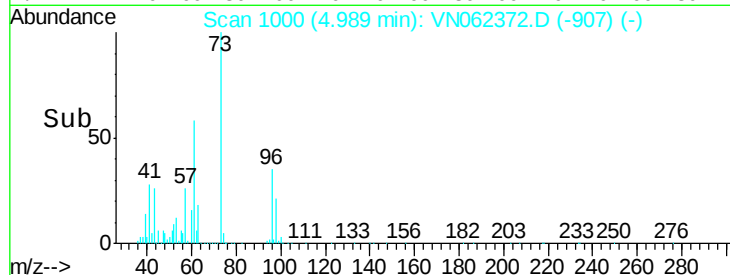
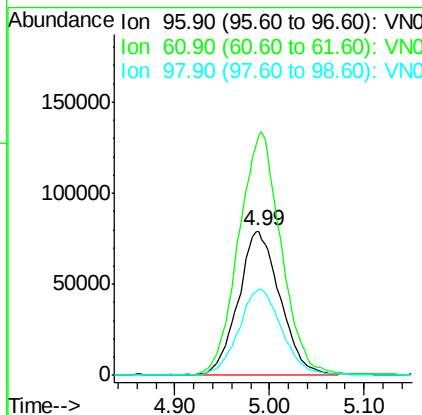
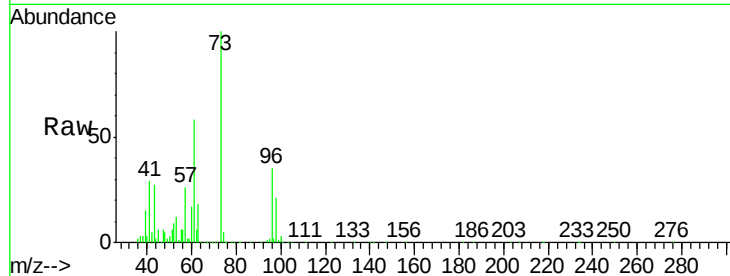
ClientSampled :

VN0706WBS01

Tot Ion:	96	Resp:	243137
Ion	Ratio	Lower	Upper
96	100		
61	165.9	134.7	202.1
98	59.7	52.2	78.4

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#22

Diisopropyl ether

Concen: 20.907 ug/l

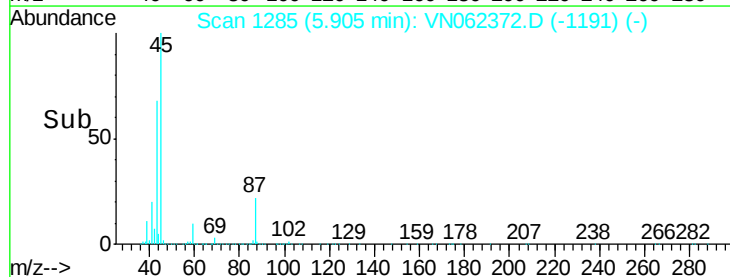
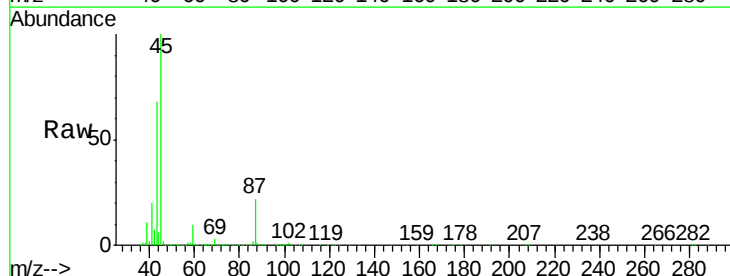
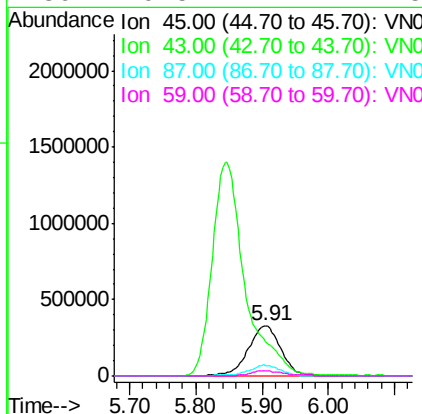
RT: 5.91 min Scan# 1285

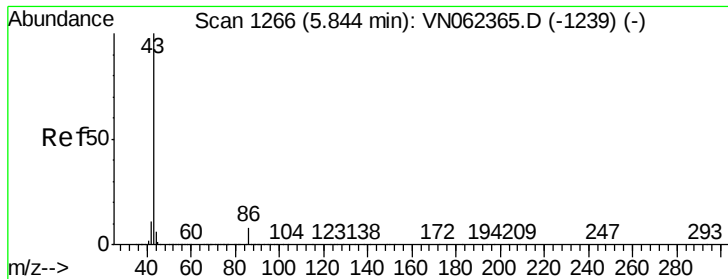
Delta R.T. 0.00 min

Lab File: VN062372.D

Acq: 6 Jul 2020 19:07

Tgt Ion:	45	Resp:	1124934
Ion	Ratio	Lower	Upper
45	100		
43	65.8	54.6	81.8
87	21.4	16.6	24.8
59	9.5	7.7	11.5





#23

Vinyl Acetate

Concen: 101.494 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN062372.D

Acq: 6 Jul 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

VN0706WBS01

Tot Ion: 43 Resp: 4828232

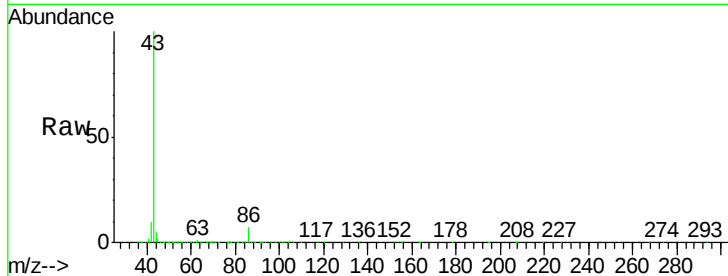
Ion Ratio Lower Upper

43 100

86 7.1 6.6 9.8

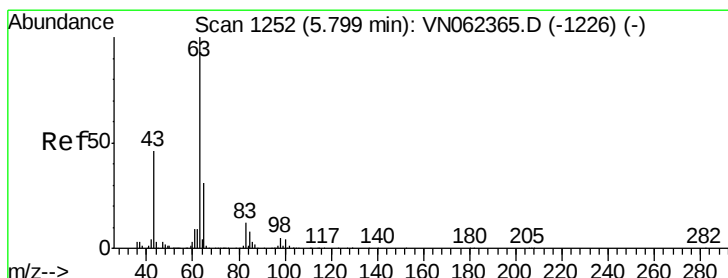
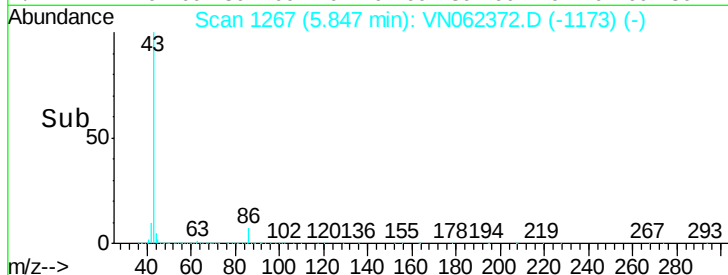
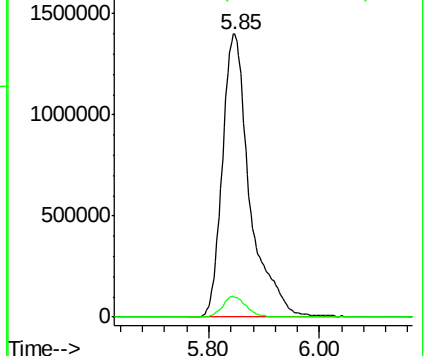
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 20.643 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VN062372.D

Acq: 6 Jul 2020 19:07

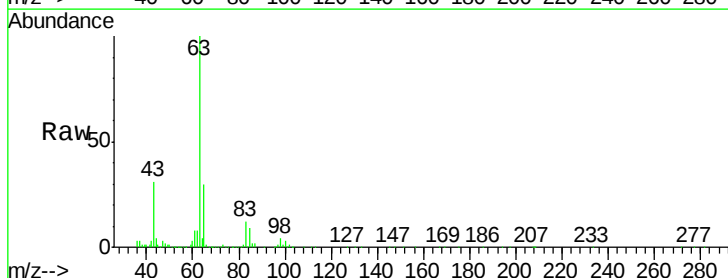
Tgt Ion: 63 Resp: 550434

Ion Ratio Lower Upper

63 100

98 4.5 2.6 7.8

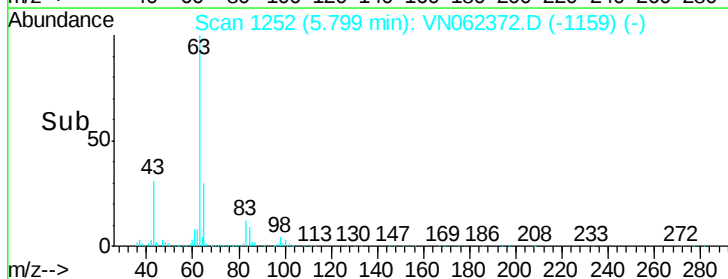
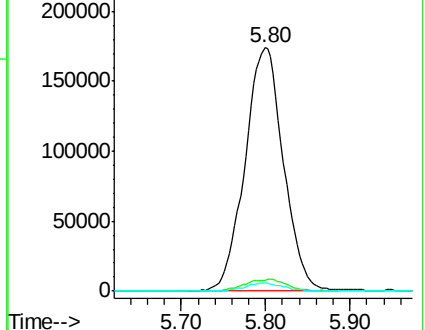
100 3.4 1.8 5.3

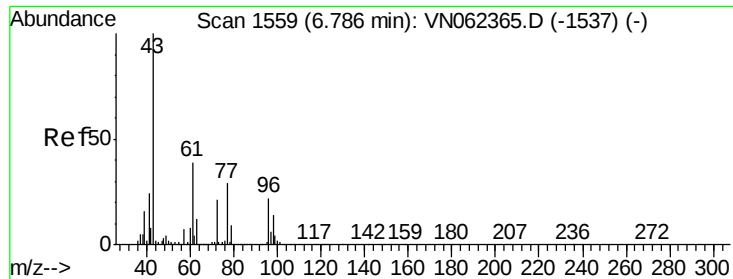


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 99.374 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VN062372.D

Acq: 6 Jul 2020 19:07

Instrument :

MSVOA_N

ClientSampled :

VN0706WBS01

Tot Ion: 43 Resp: 1120945

Ion Ratio Lower Upper

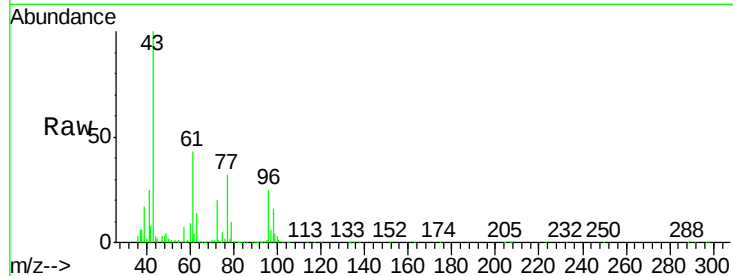
43 100

72 19.7 16.4 24.6

Manual Integrations
APPROVED

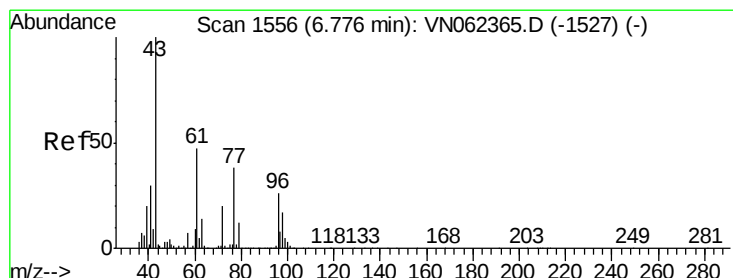
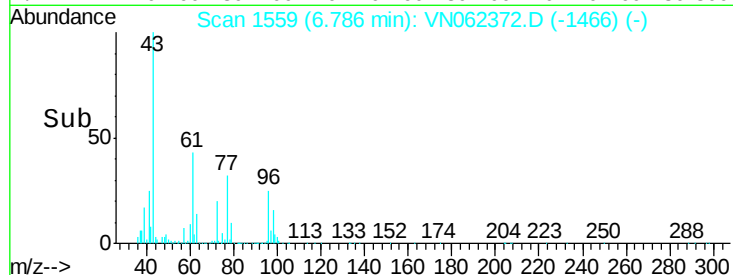
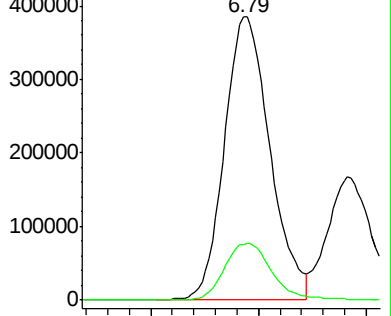
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 19.600 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062372.D

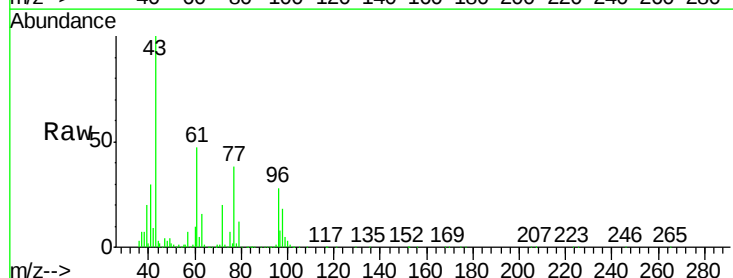
Acq: 6 Jul 2020 19:07

Tgt Ion: 77 Resp: 430475

Ion Ratio Lower Upper

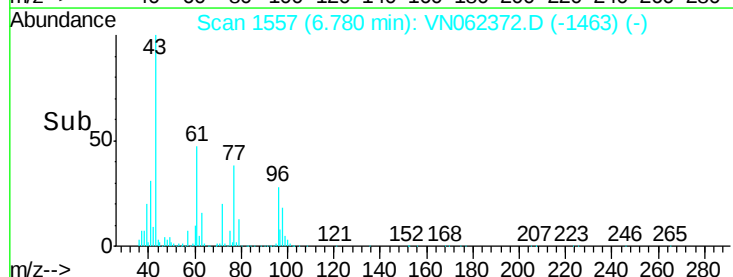
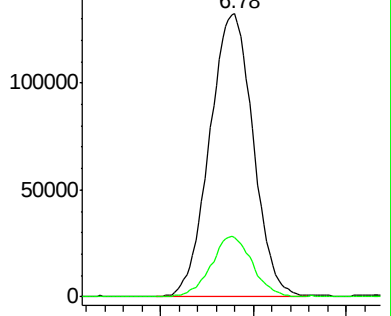
77 100

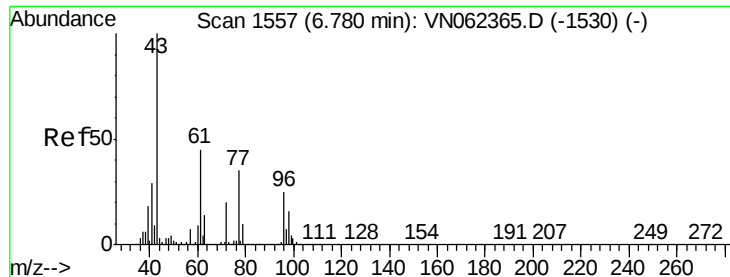
97 20.4 10.1 30.1



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





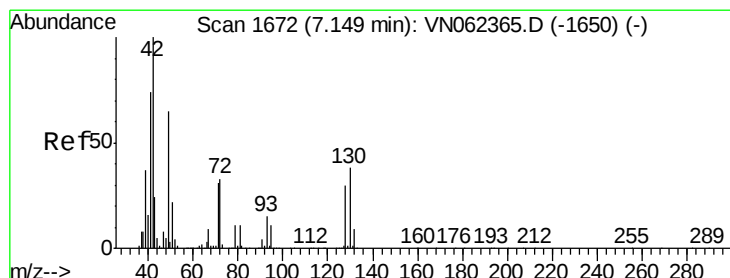
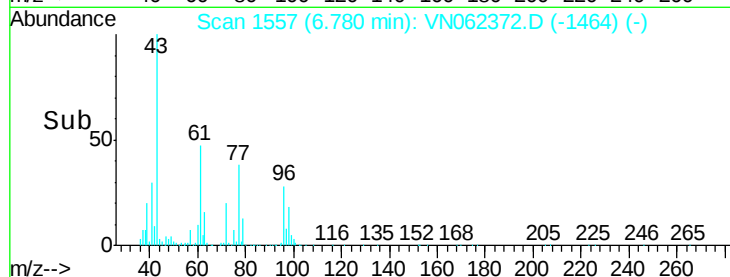
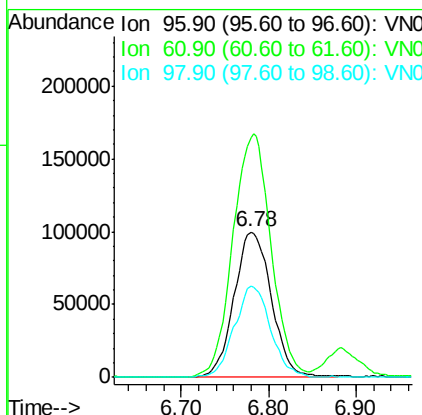
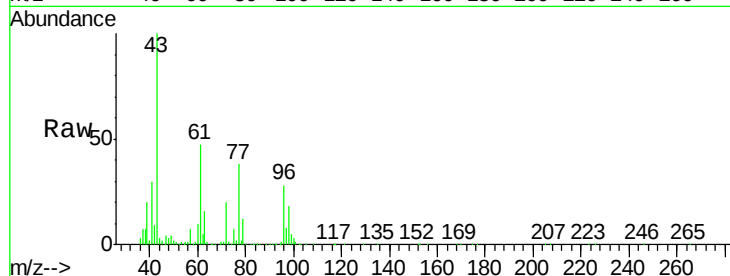
#27
 cis-1,2-Dichloroethene
 Concen: 21.207 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN062372.D
 Acq: 6 Jul 2020 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0706WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	296144		
61	170.9	0.0	358.8	
98	60.7	0.0	130.6	

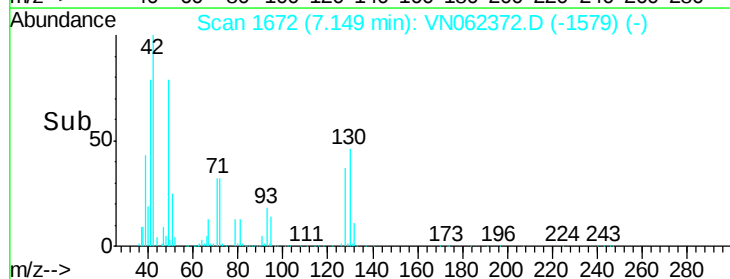
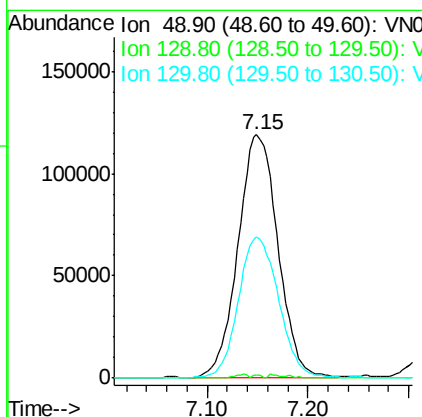
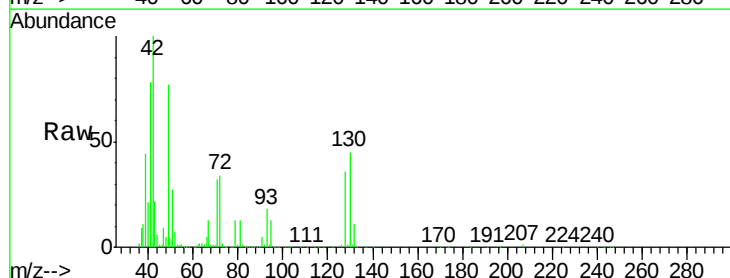
Manual Integrations
 APPROVED

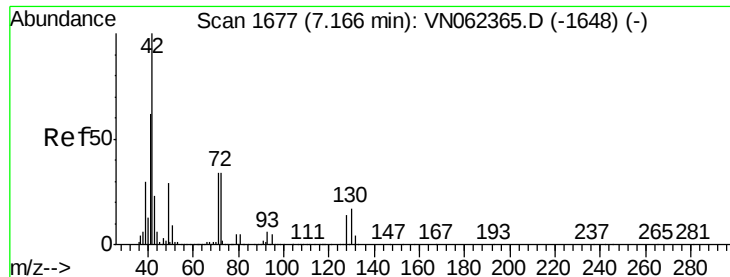
MMDadoda
 7/7/2020 10:08:07 AM



#28
 Bromochloromethane
 Concen: 22.026 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VN062372.D
 Acq: 6 Jul 2020 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	328204		
129	0.3	0.0	3.6	
130	58.6	45.8	68.8	





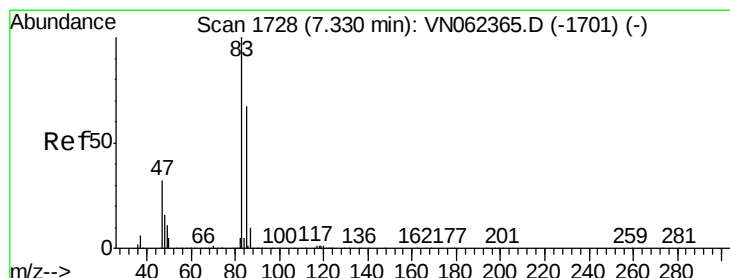
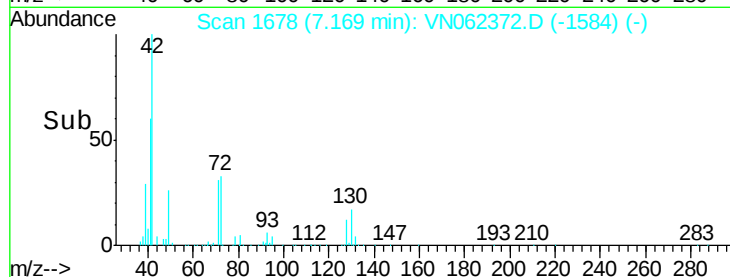
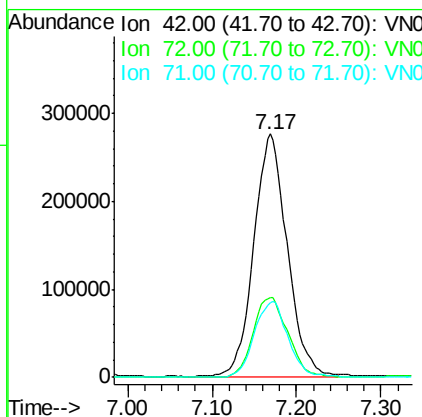
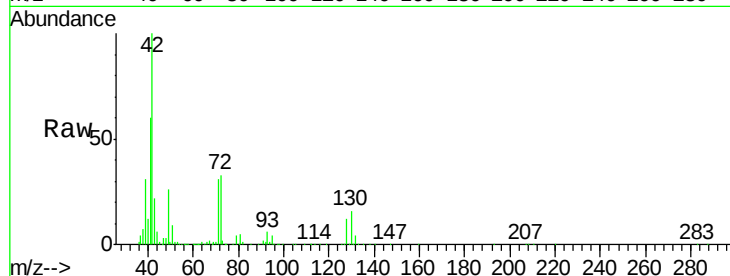
#29
Tetrahydrofuran
Concen: 106.024 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062372.D
Acq: 6 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :
VN0706WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.4	26.8	40.2
71	31.7	26.0	39.0

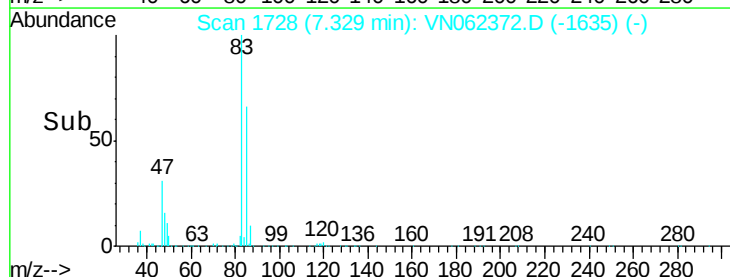
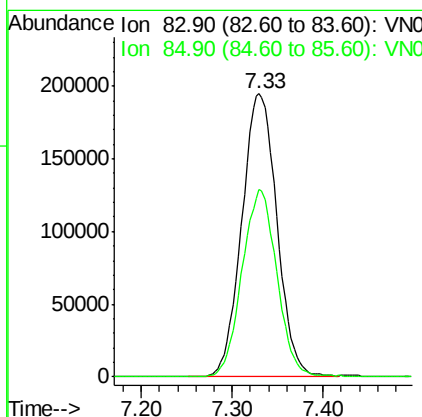
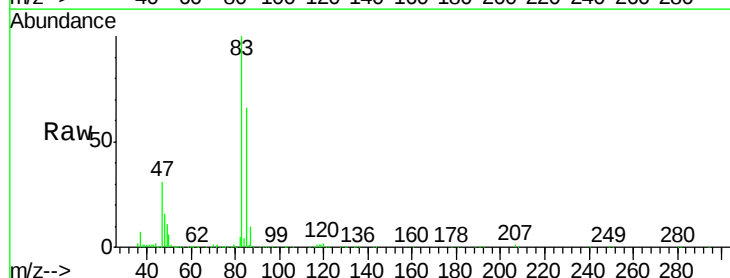
Manual Integrations
APPROVED

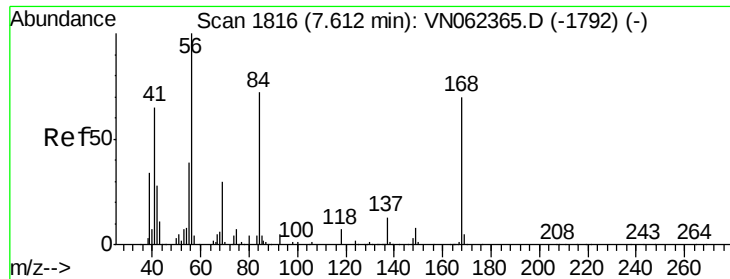
MMDadoda
7/7/2020 10:08:07 AM



#30
Chloroform
Concen: 20.147 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062372.D
Acq: 6 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	53.6	80.4





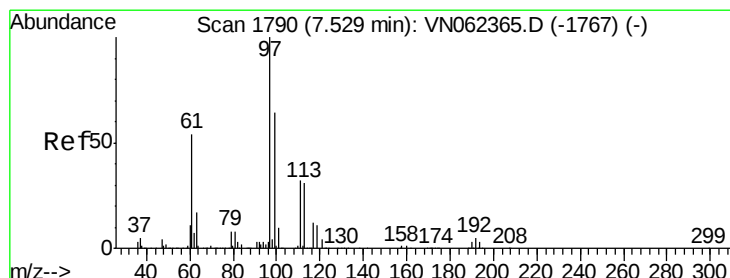
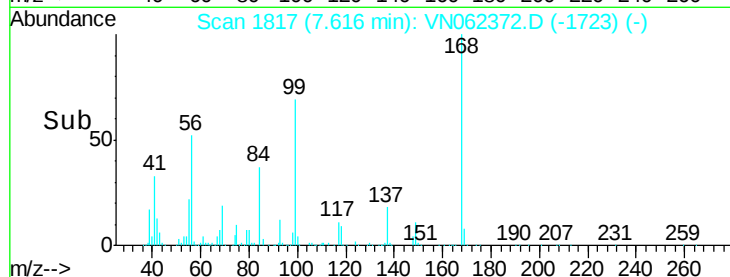
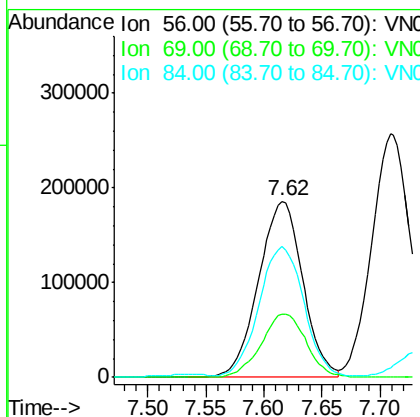
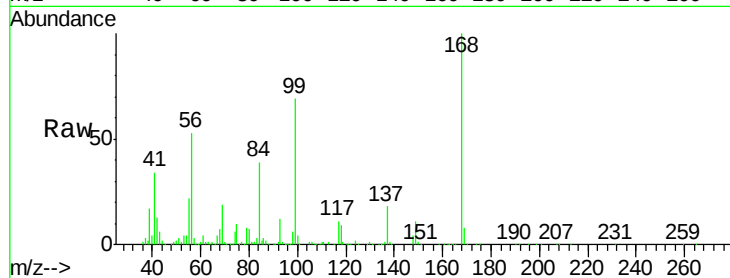
#31
Cyclohexane
Concen: 19.985 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VN062372.D
Acq: 6 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampled :
VN0706WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.7	23.7	35.5#
84	72.4	57.2	85.8

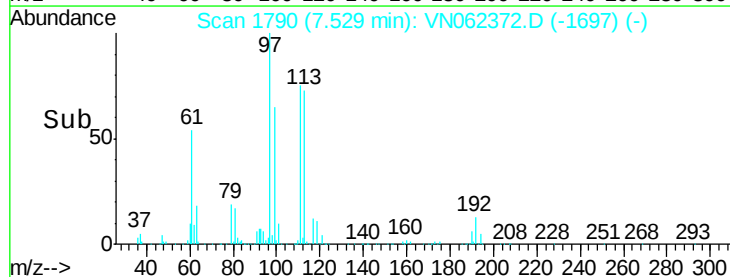
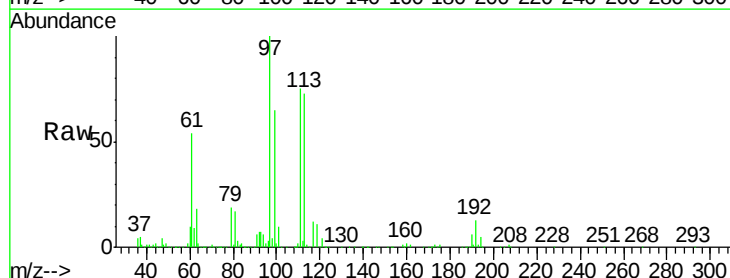
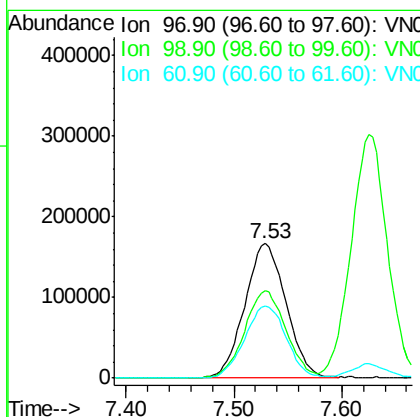
Manual Integrations
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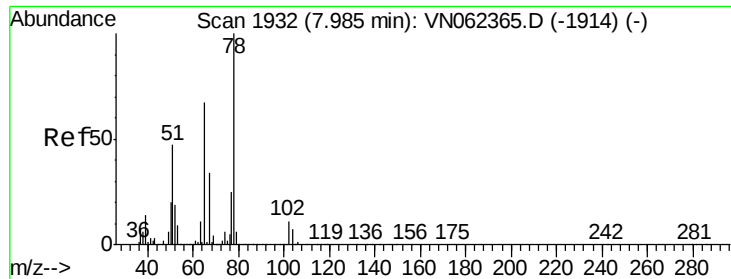
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 20.356 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN062372.D
Acq: 6 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.1	76.7
61	54.0	42.5	63.7





#33

1,2-Dichloroethane-d4

Concen: 53.563 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062372.D

Acq: 6 Jul 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

VN0706WBS01

Tot Ion: 65 Resp: 1040681

Ion Ratio Lower Upper

65 100

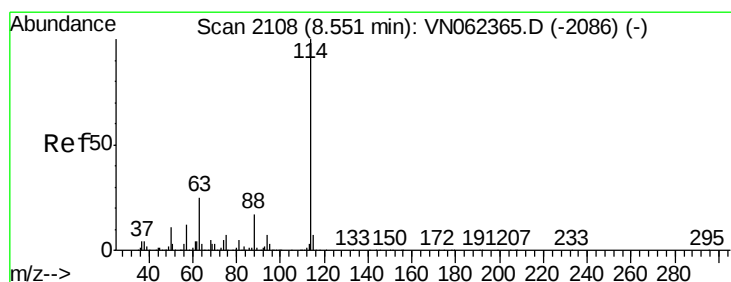
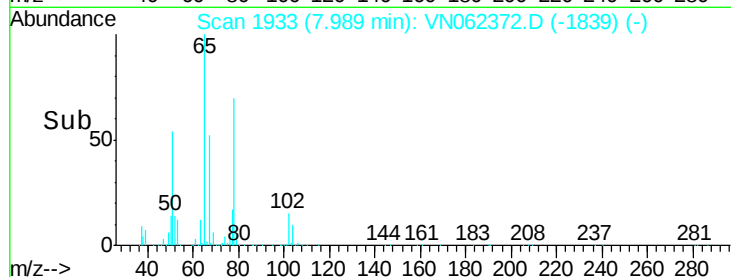
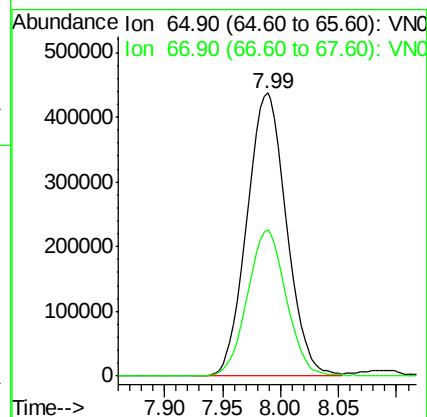
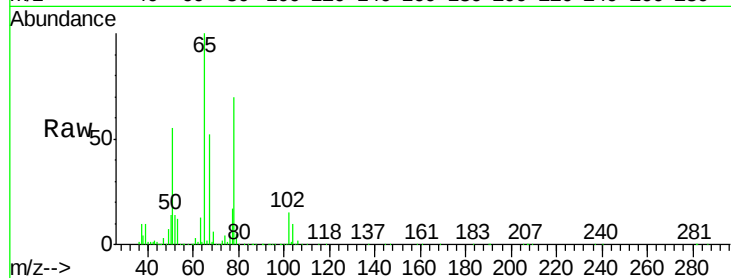
67 50.4 0.0 101.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062372.D

Acq: 6 Jul 2020 19:07

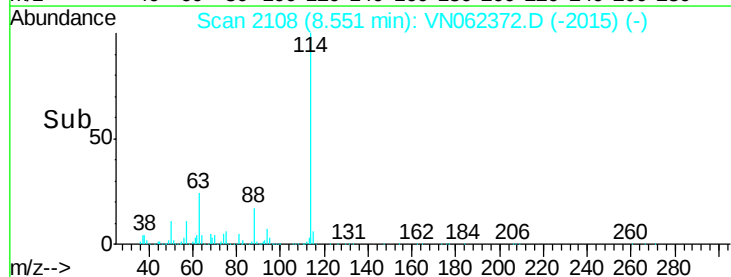
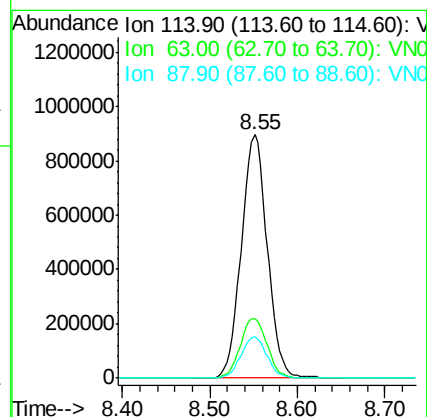
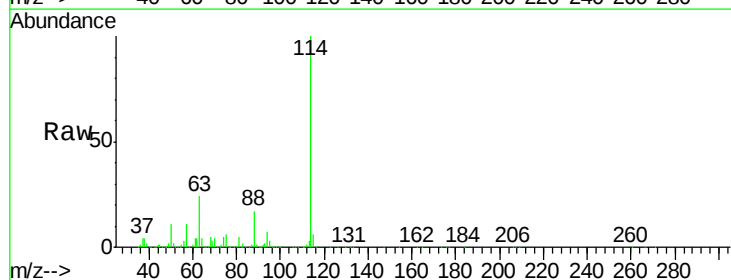
Tgt Ion: 114 Resp: 1844416

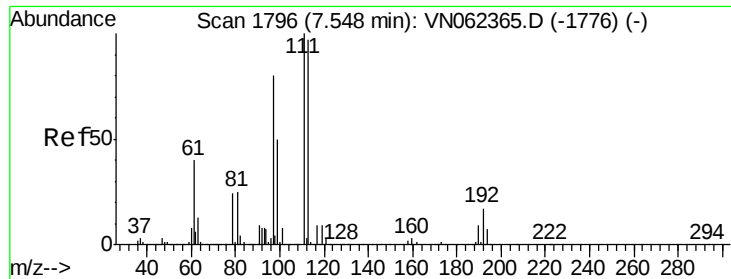
Ion Ratio Lower Upper

114 100

63 24.4 0.0 49.0

88 16.7 0.0 34.0





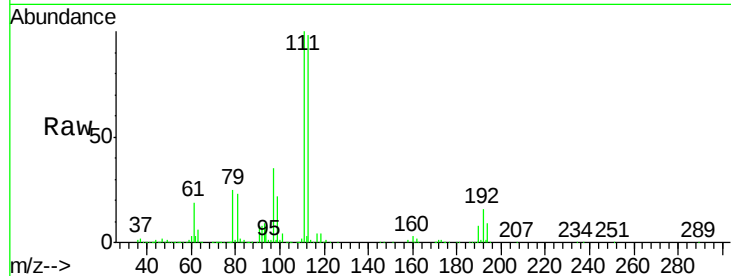
#35
 Dibromofluoromethane
 Concen: 54.017 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062372.D
 Acq: 6 Jul 2020 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0706WBS01

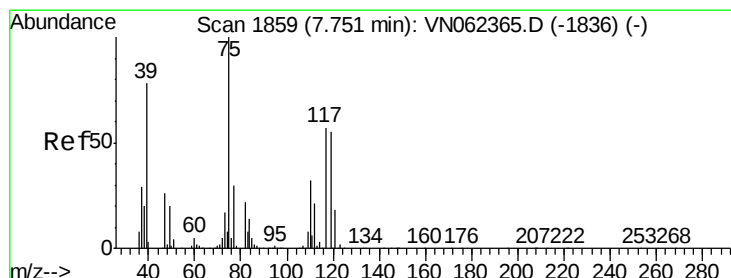
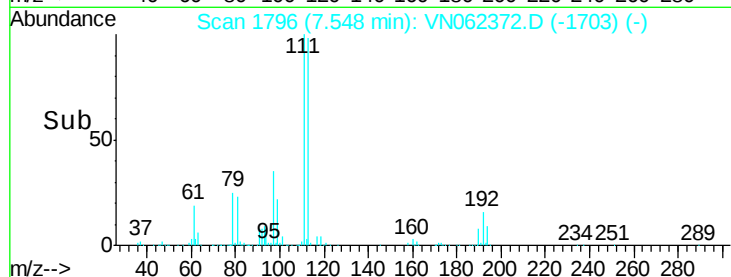
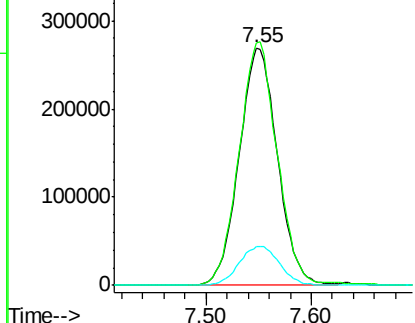
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.2	124.8
192	17.4	14.2	21.2

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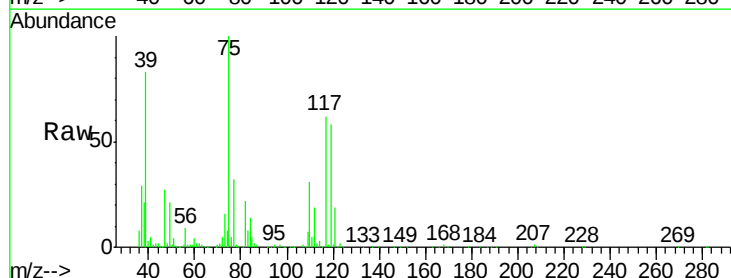


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

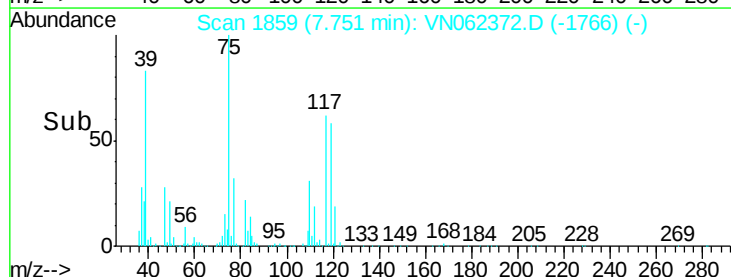
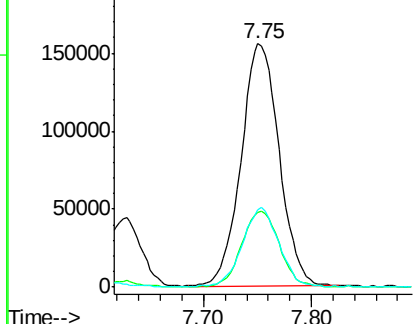


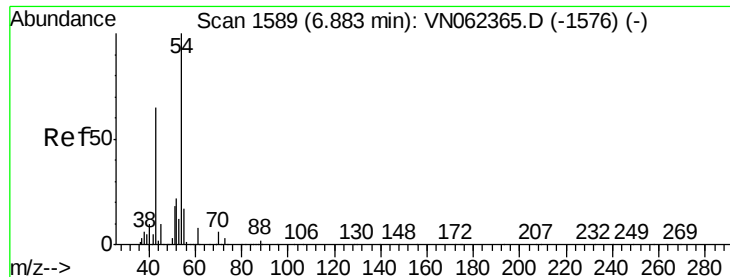
#36
 1,1-Dichloropropene
 Concen: 19.715 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062372.D
 Acq: 6 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.3	15.7	47.1
77	31.0	24.3	36.5



Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VNO





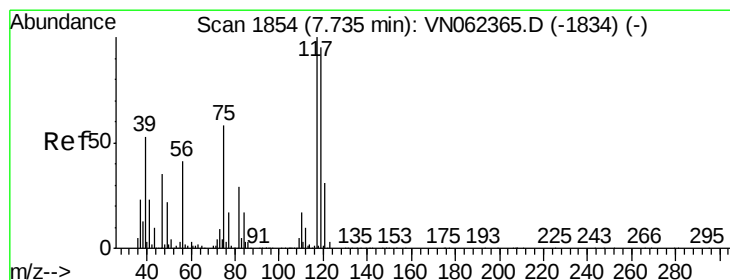
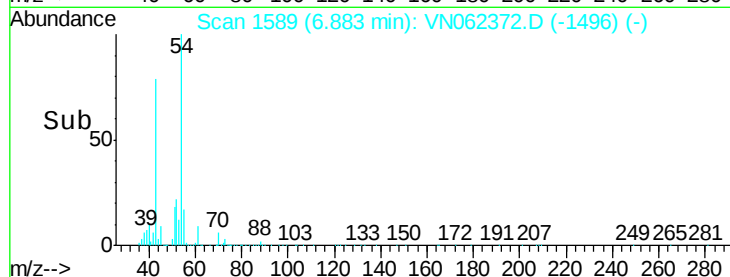
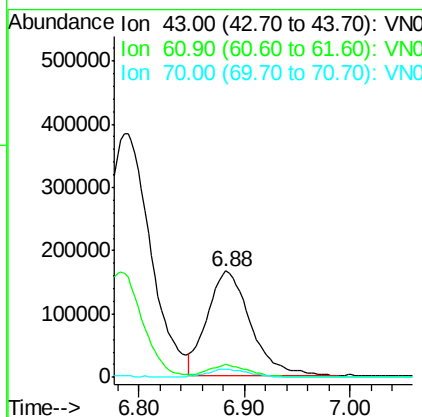
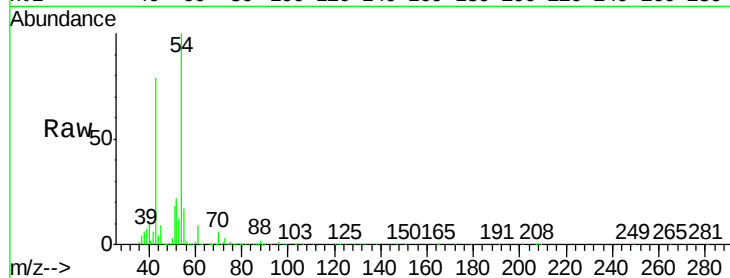
#37
Ethyl Acetate
Concen: 20.629 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062372.D
Acq: 6 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampled :
VN0706WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	10.9	8.8	13.2
70	7.4	6.2	9.4

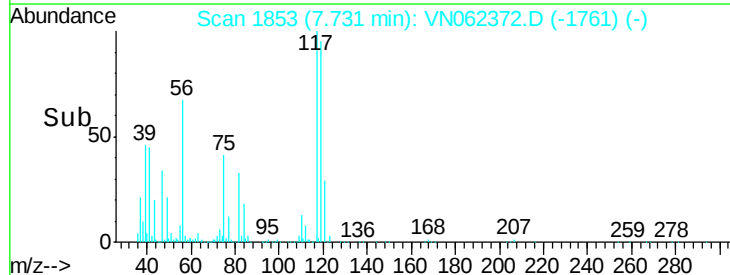
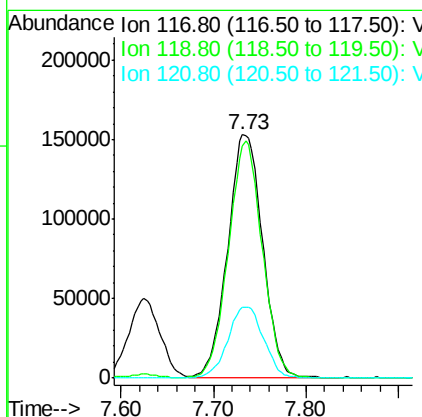
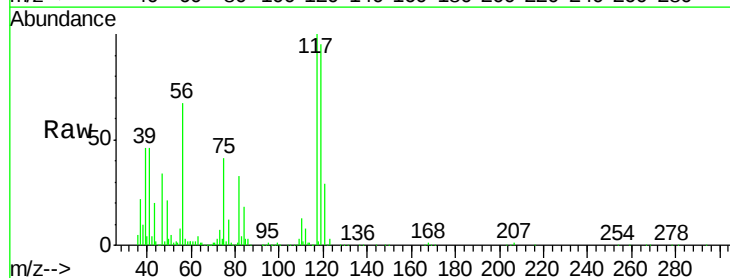
Manual Integrations
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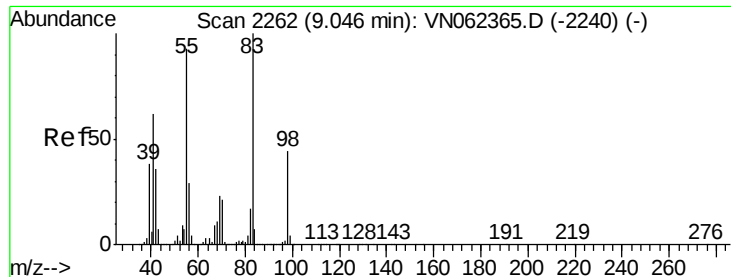
MMDadoda
7/7/2020 10:08:07 AM



#38
Carbon Tetrachloride
Concen: 20.460 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062372.D
Acq: 6 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	75.9	113.9
121	28.9	24.6	36.8





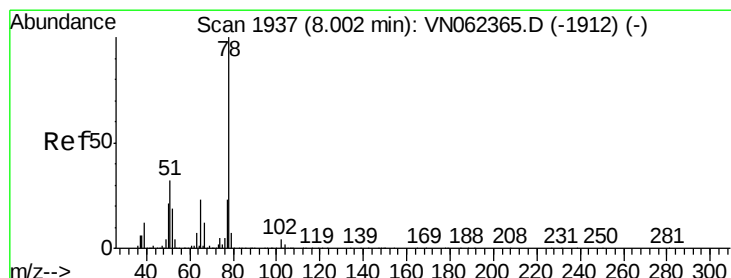
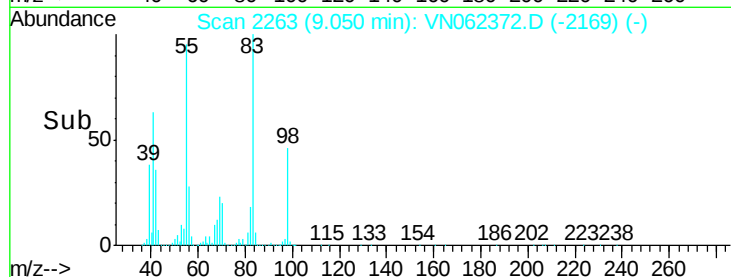
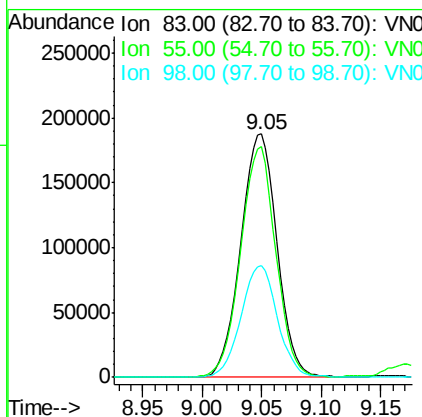
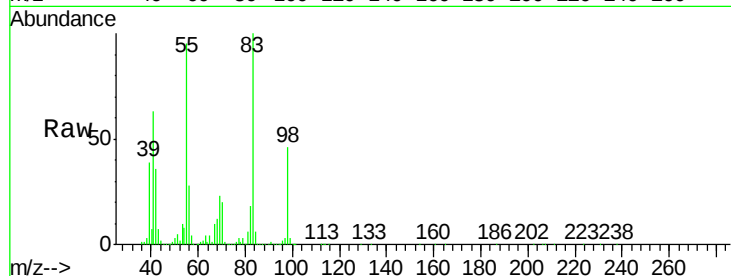
#39
Methylcyclohexane
Concen: 18.954 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VN062372.D
Acq: 6 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampled :
VN0706WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	94.7	74.1	111.1
98	46.2	35.6	53.4

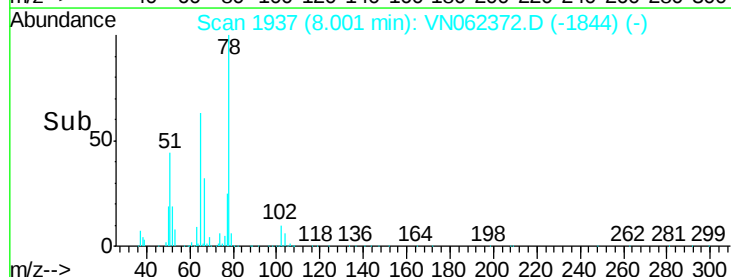
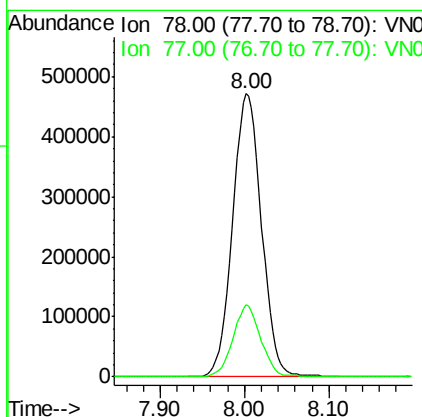
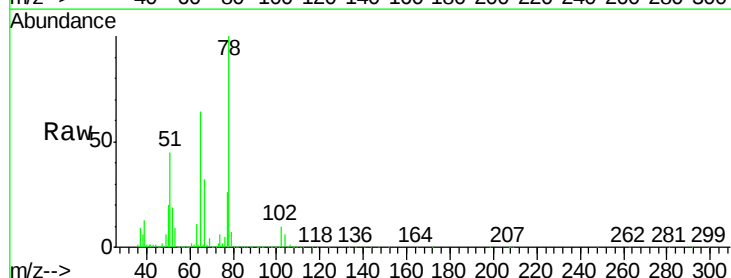
Manual Integrations
APPROVED

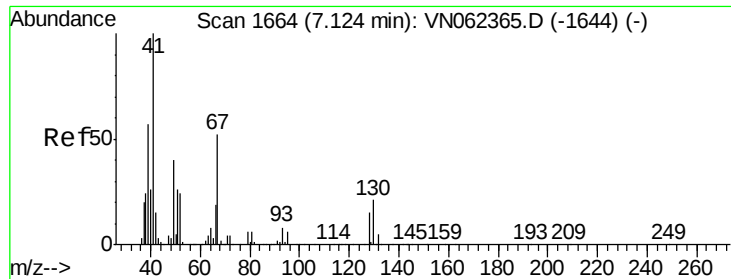
MMDadoda
7/7/2020 10:08:07 AM



#40
Benzene
Concen: 20.432 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062372.D
Acq: 6 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.6	18.6	28.0





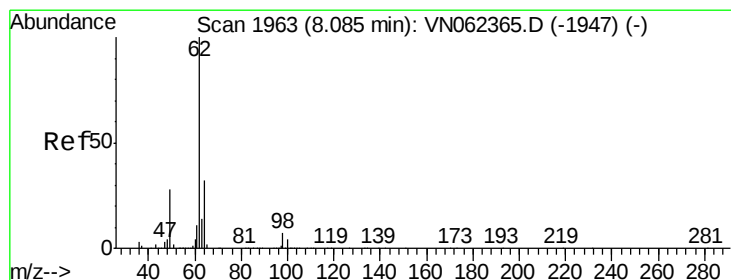
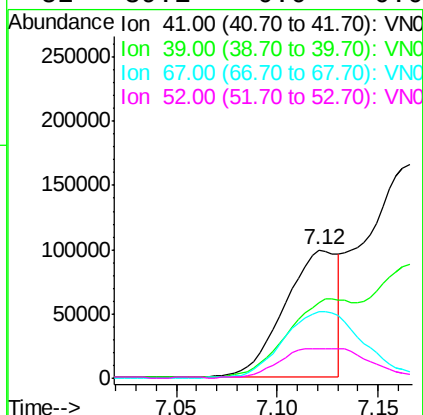
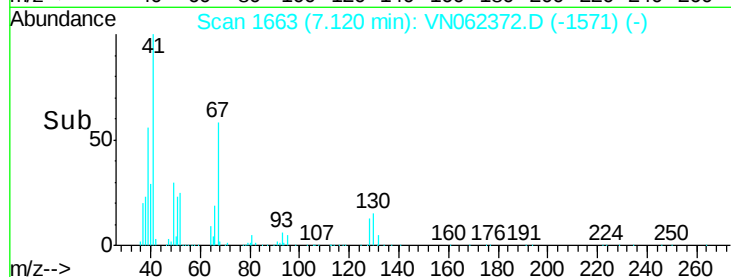
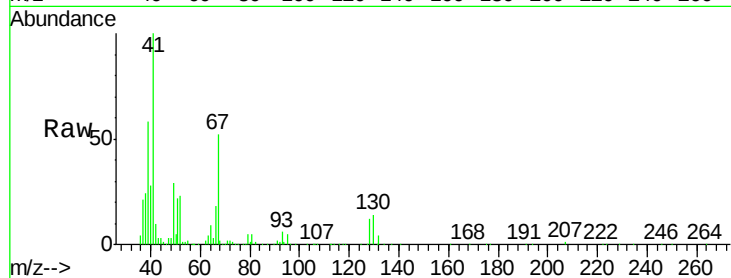
#41
Methacrylonitrile
Concen: 15.626 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VN062372.D
Acq: 6 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampled :
VN0706WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	77.7	0.0	0.0#
67	79.8	0.0	0.0#
52	39.1	0.0	0.0#

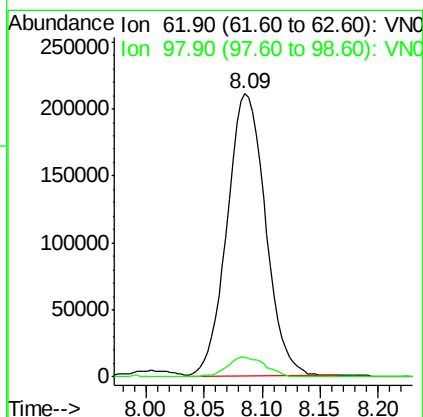
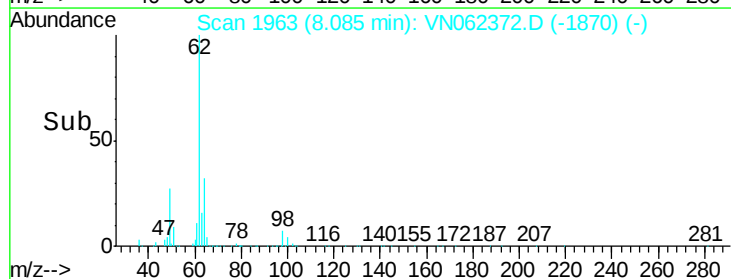
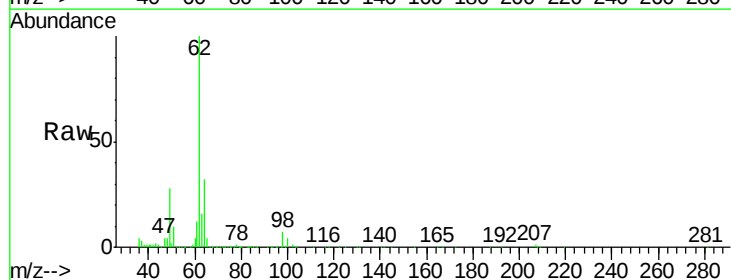
Manual Integrations
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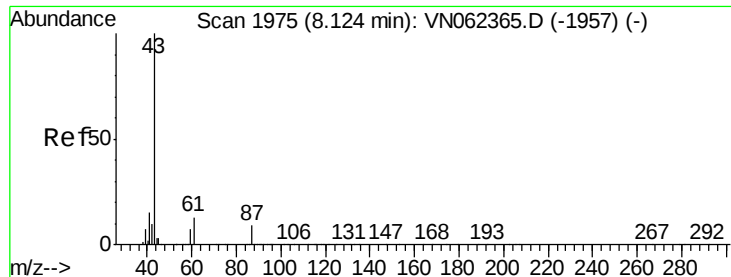
MMDadoda
7/7/2020 10:08:07 AM



#42
1,2-Dichloroethane
Concen: 20.002 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062372.D
Acq: 6 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.0	0.0	13.4





#43

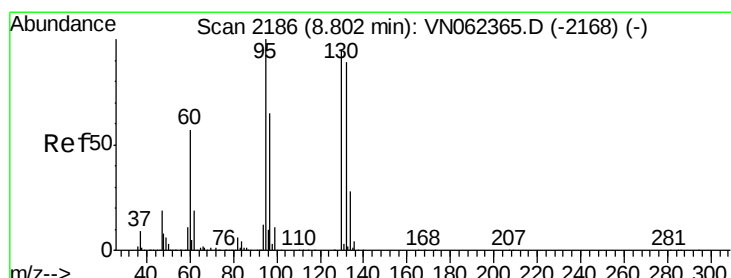
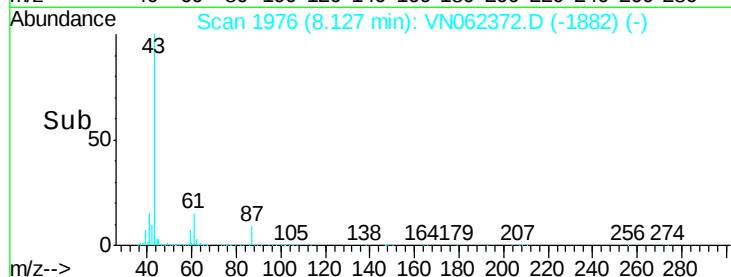
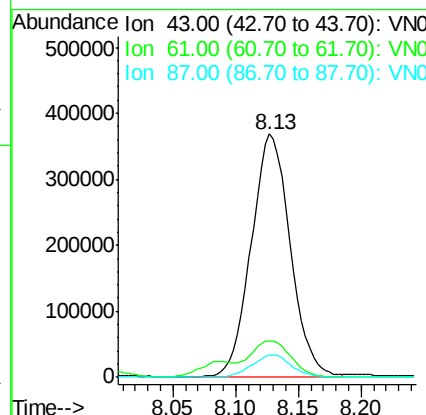
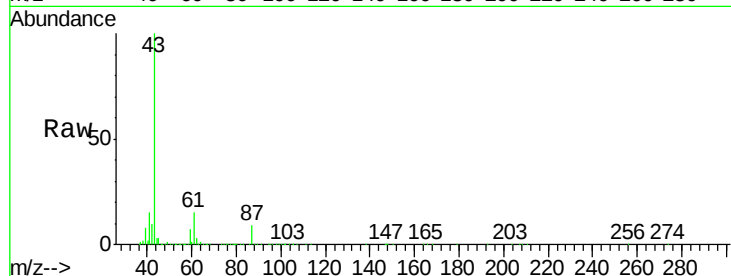
Isopropyl Acetate
 Concen: 20.698 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VN062372.D
 Acq: 6 Jul 2020 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0706WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	13.1	19.7
87	9.2	7.5	11.3

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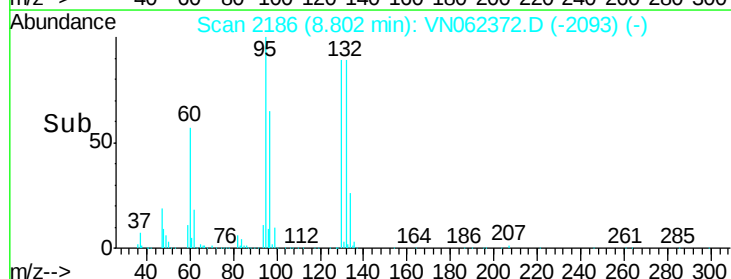
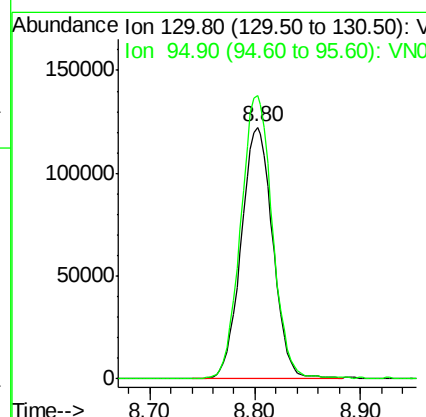
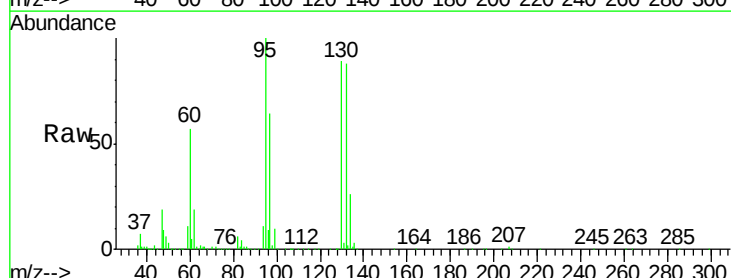
MMDadoda
 7/7/2020 10:08:07 AM

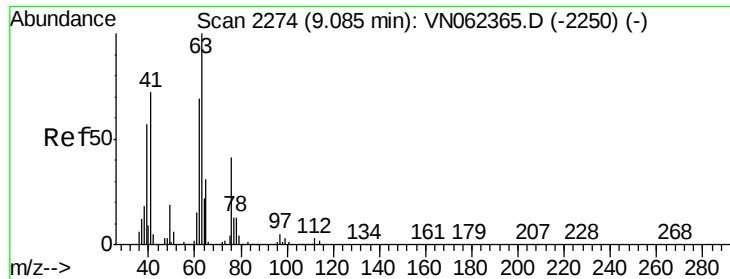


#44

Trichloroethene
 Concen: 19.323 ug/l
 RT: 8.80 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: VN062372.D
 Acq: 6 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
130	100		
95	112.1	0.0	209.8





#45

1,2-Dichloropropane

Concen: 20.279 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062372.D

Acq: 6 Jul 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

VN0706WBS01

Tot Ion: 63 Resp: 327279

Ion Ratio Lower Upper

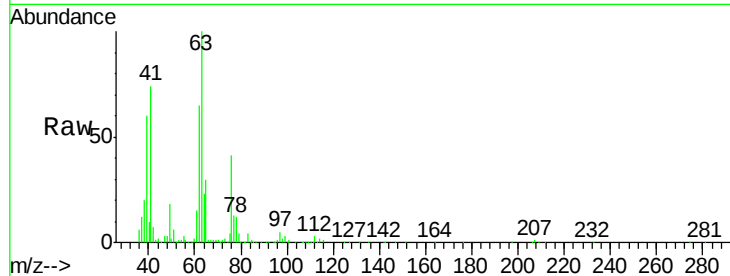
63 100

65 29.6 24.2 36.4

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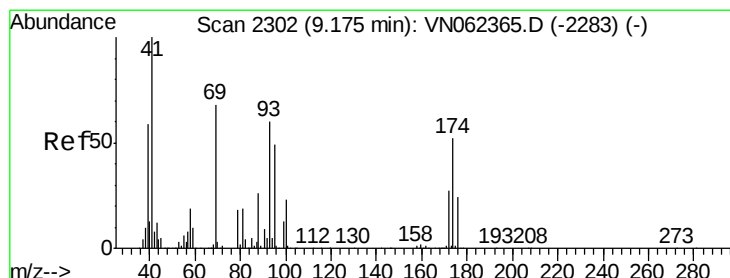
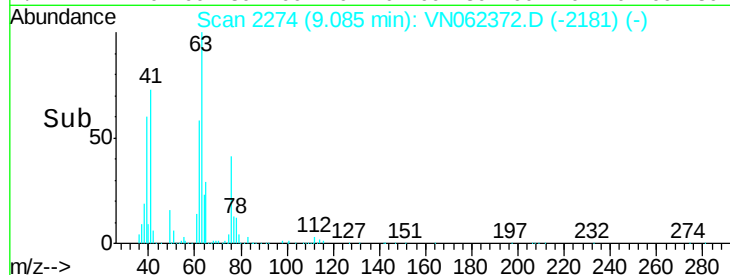
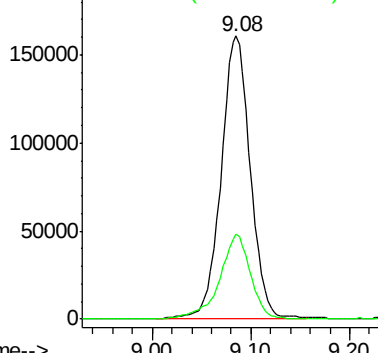
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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.870 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062372.D

Acq: 6 Jul 2020 19:07

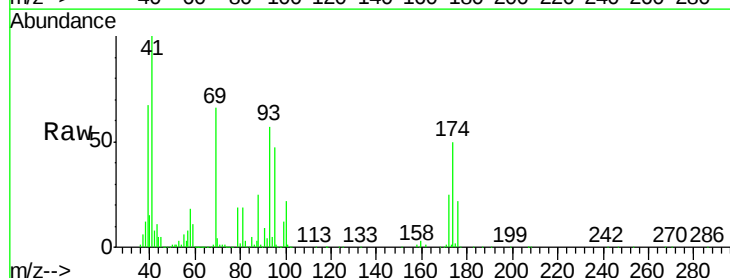
Tgt Ion: 93 Resp: 198474

Ion Ratio Lower Upper

93 100

95 83.1 64.8 97.2

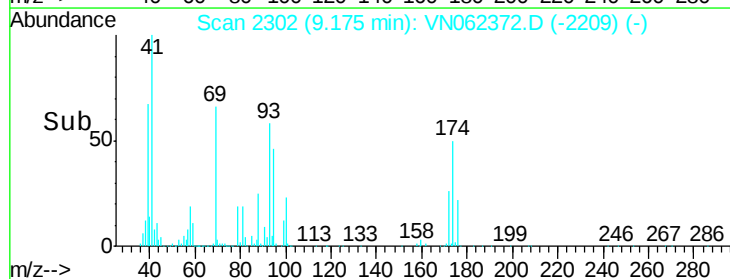
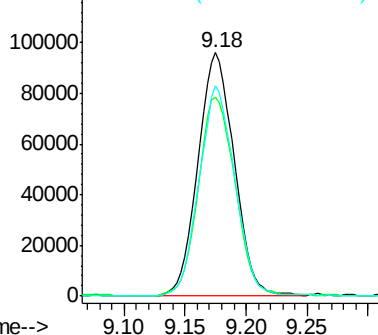
174 84.8 67.6 101.4

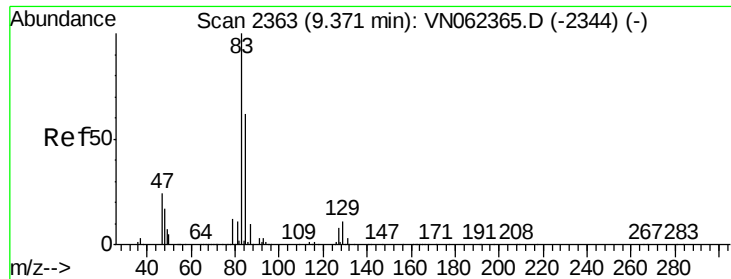


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.692 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062372.D

Acq: 6 Jul 2020 19:07

Instrument :

MSVOA_N

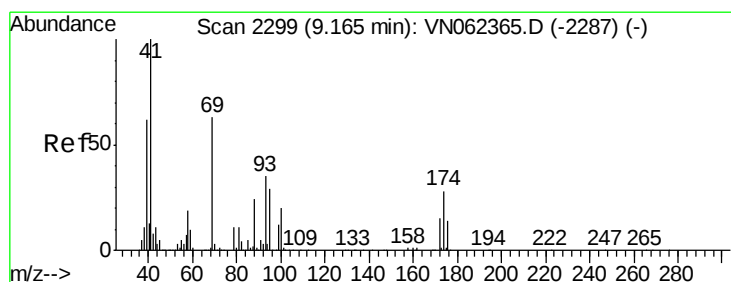
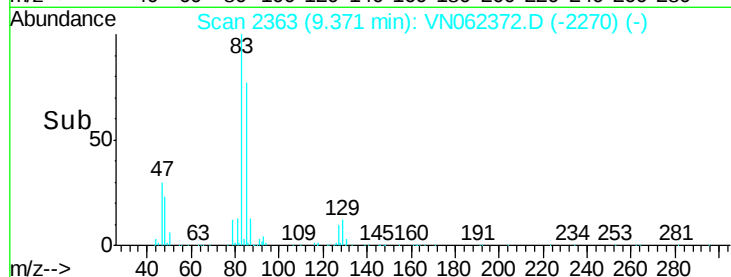
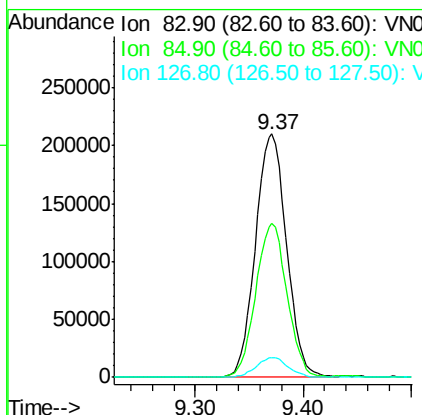
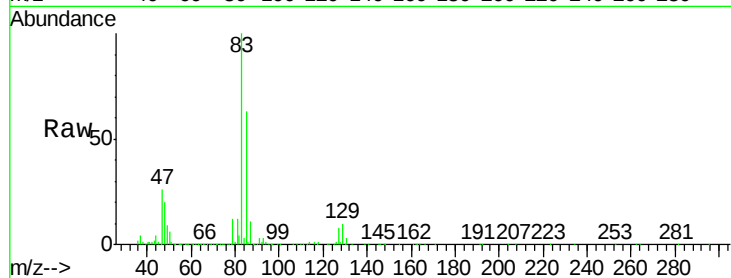
ClientSampleId :

VN0706WBS01

Tot Ion:	83	Resp:	419250
Ion Ratio	Lower	Upper	
83	100		
85	63.4	49.8	74.6
127	8.2	6.2	9.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.748 ug/l

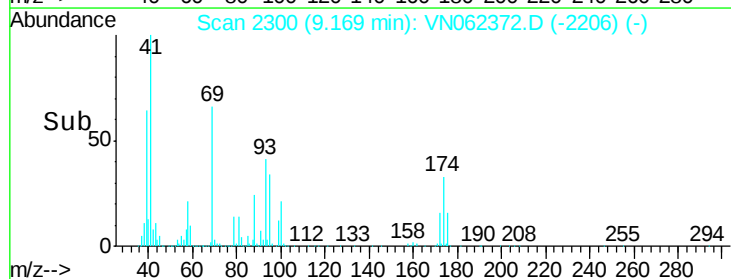
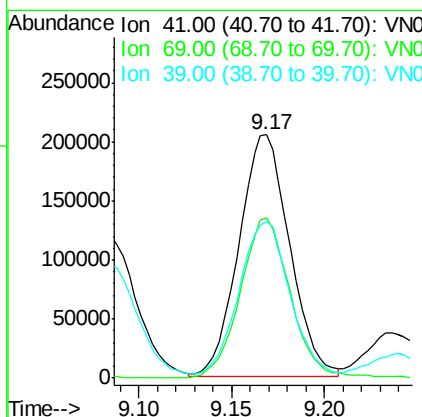
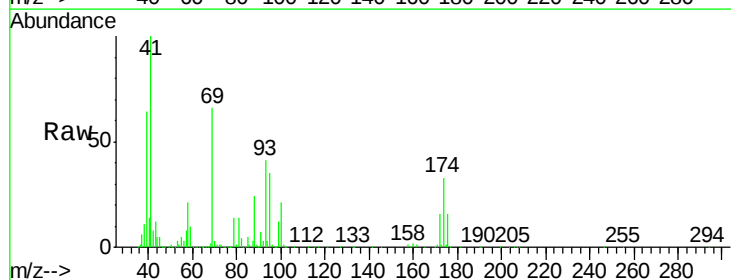
RT: 9.17 min Scan# 2300

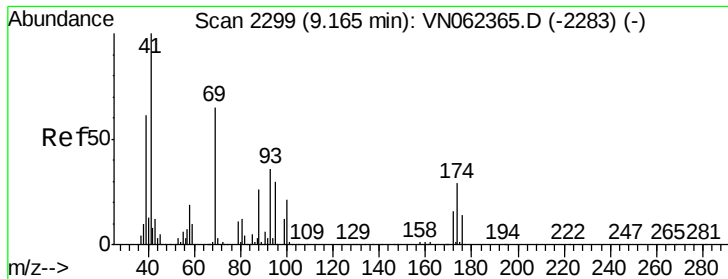
Delta R.T. 0.00 min

Lab File: VN062372.D

Acq: 6 Jul 2020 19:07

Tgt Ion:	41	Resp:	387337
Ion Ratio	Lower	Upper	
41	100		
69	65.3	51.5	77.3
39	65.2	51.2	76.8





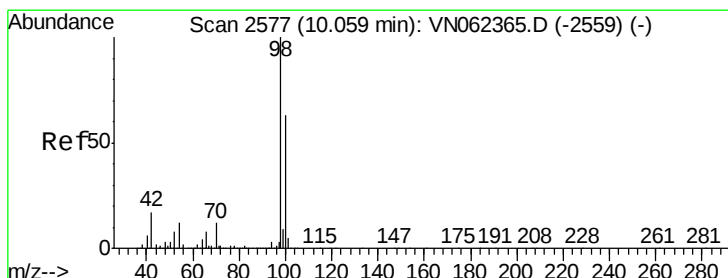
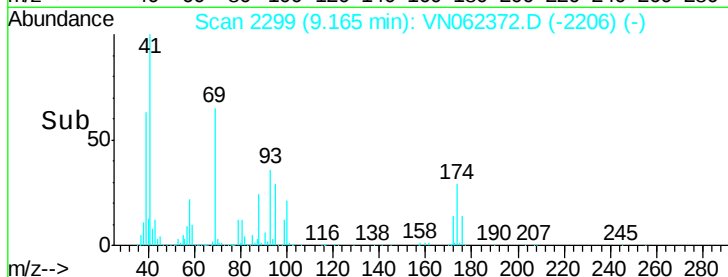
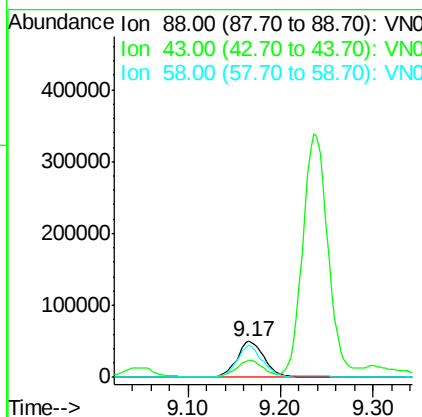
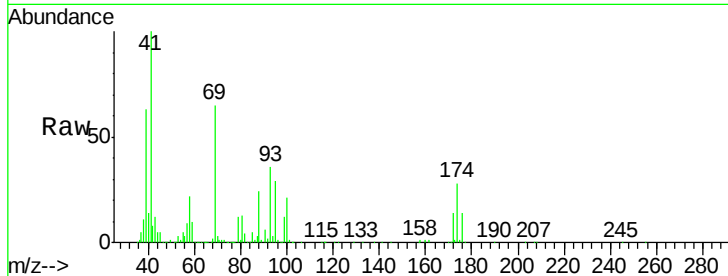
#49
1,4-Dioxane
Concen: 388.711 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062372.D
Acq: 6 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampled :
VN0706WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	45.2	34.0	51.0
58	79.6	63.0	94.4

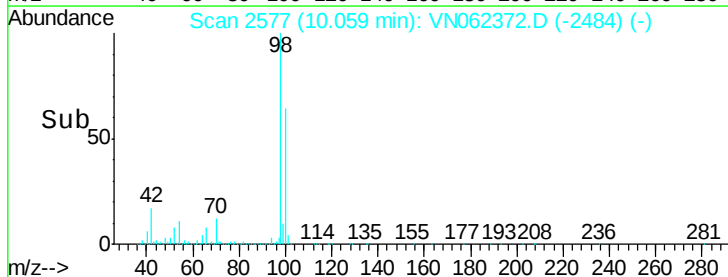
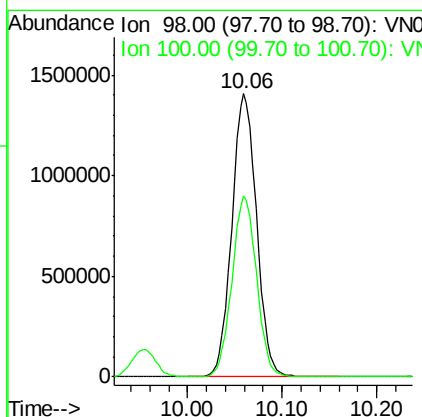
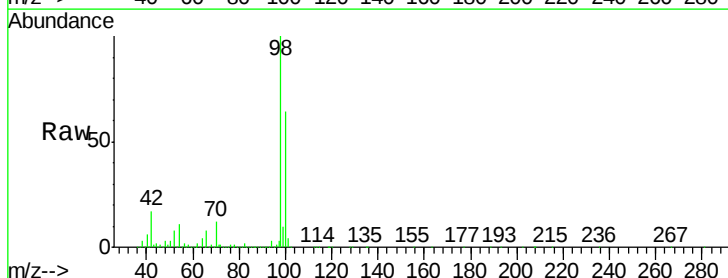
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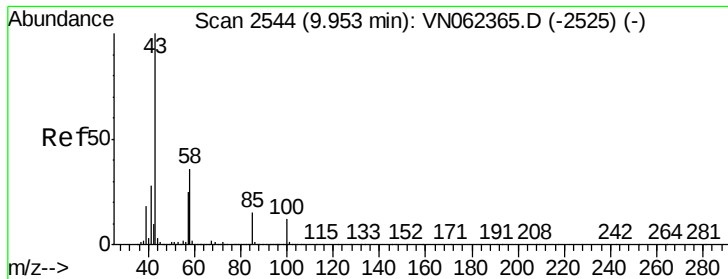
MMDadoda
7/7/2020 10:08:07 AM



#50
Toluene-d8
Concen: 54.303 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062372.D
Acq: 6 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.1	50.2	75.2





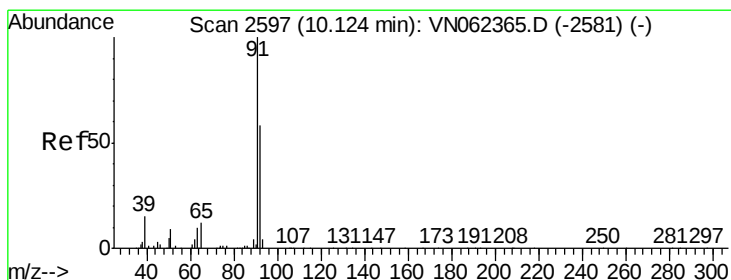
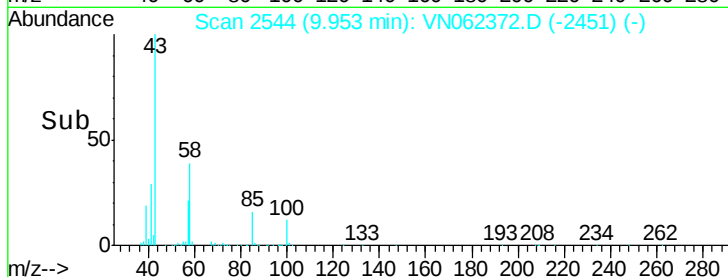
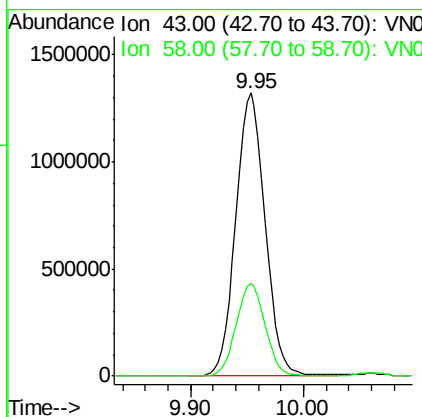
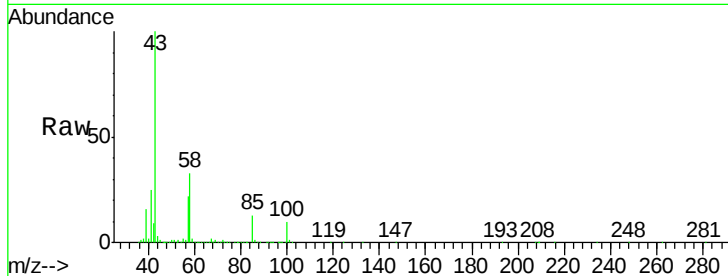
#51
4-Methyl-2-Pentanone
Concen: 98.731 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN062372.D
Acq: 6 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampled :
VN0706WBS01

Tot Ion: 43 Resp: 2389776
Ion Ratio Lower Upper
43 100
58 32.5 27.6 41.4

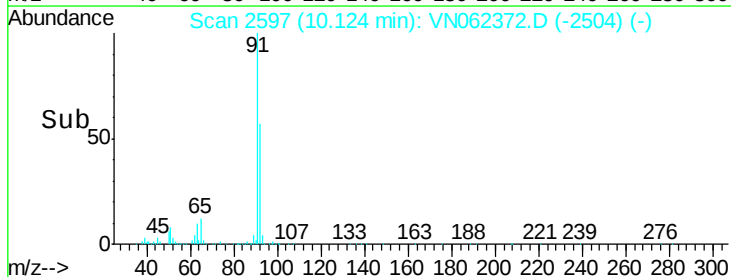
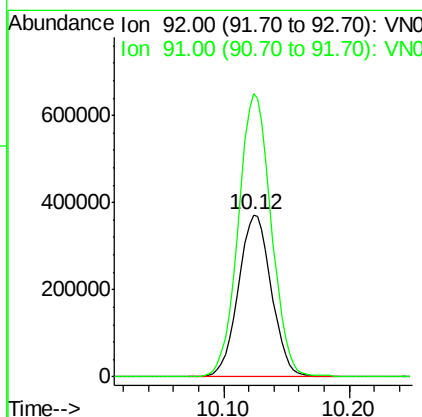
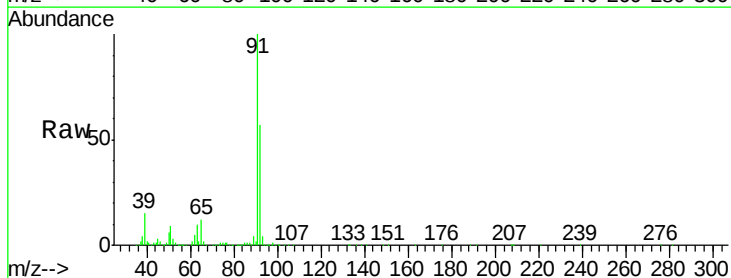
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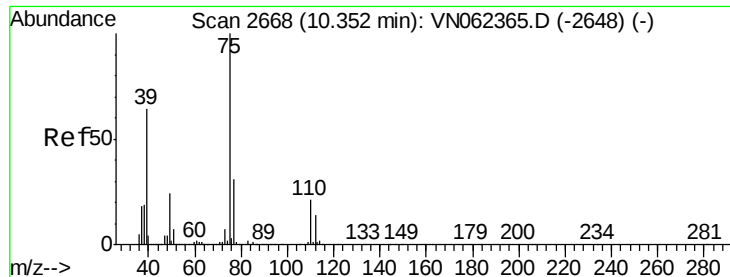
MMDadoda
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#52
Toluene
Concen: 20.653 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062372.D
Acq: 6 Jul 2020 19:07

Tgt Ion: 92 Resp: 679971
Ion Ratio Lower Upper
92 100
91 174.5 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 20.265 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062372.D

Acq: 6 Jul 2020 19:07

Instrument :

MSVOA_N

ClientSampled :

VN0706WBS01

Tot Ion: 75 Resp: 464227

Ion Ratio Lower Upper

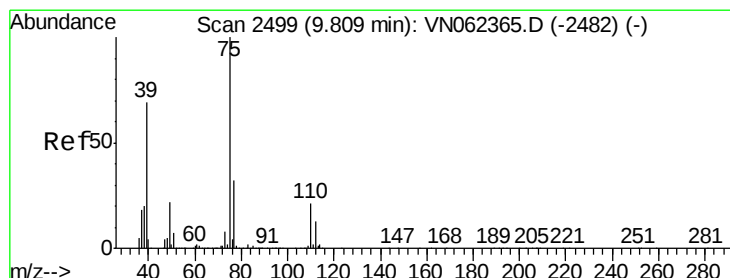
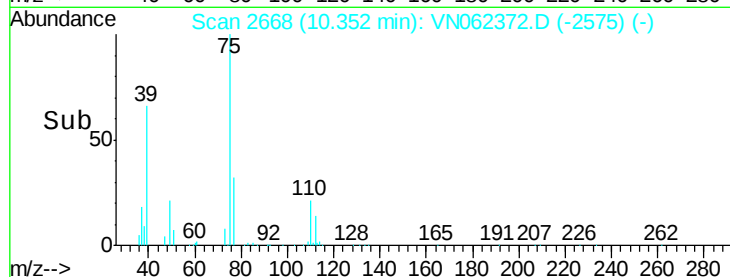
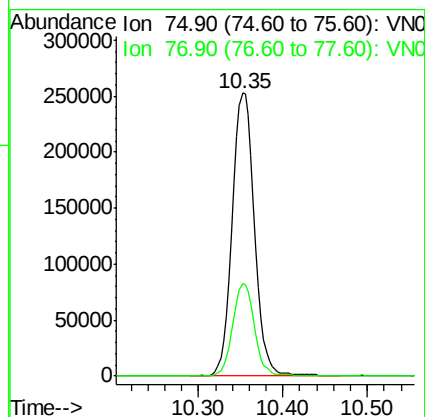
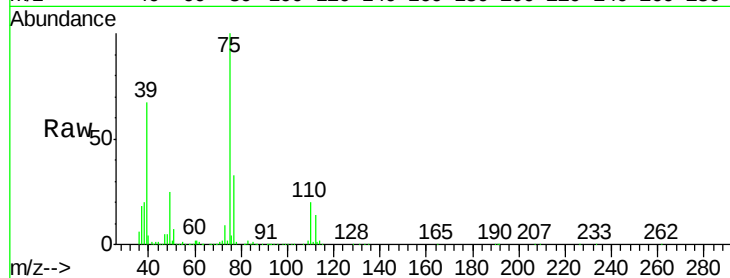
75 100

77 32.5 24.9 37.3

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#54

cis-1,3-Dichloropropene

Concen: 19.691 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062372.D

Acq: 6 Jul 2020 19:07

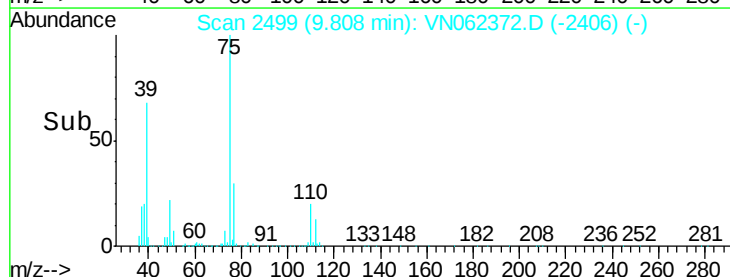
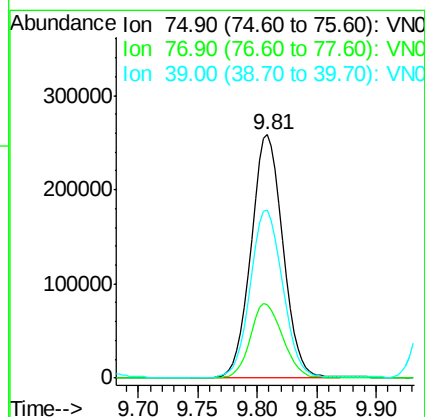
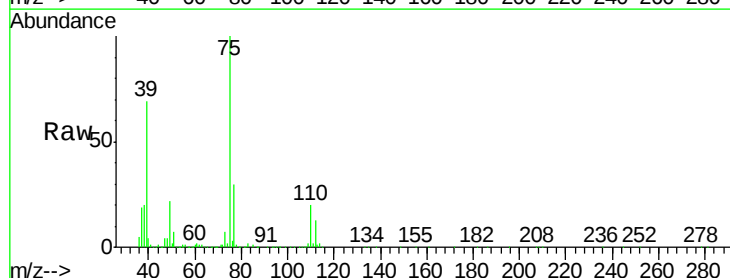
Tgt Ion: 75 Resp: 481317

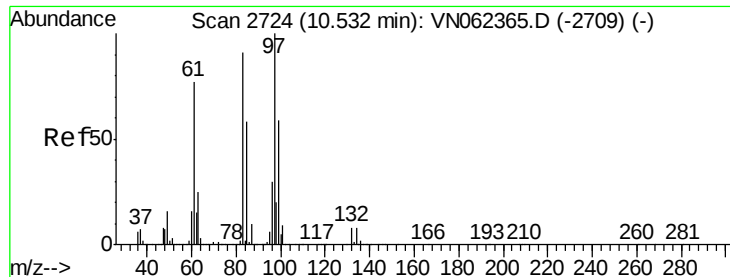
Ion Ratio Lower Upper

75 100

77 30.1 26.0 39.0

39 68.5 55.3 82.9





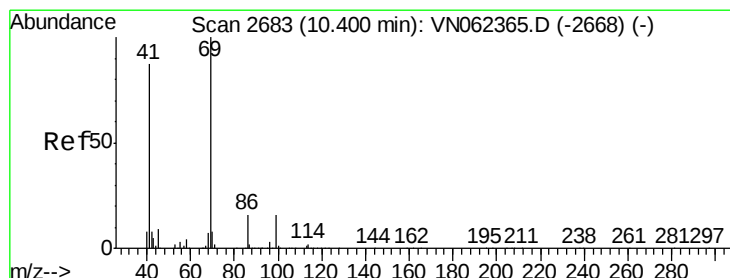
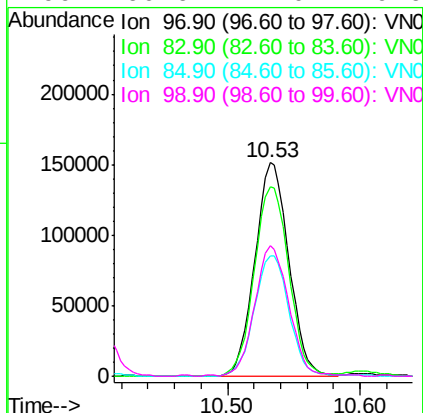
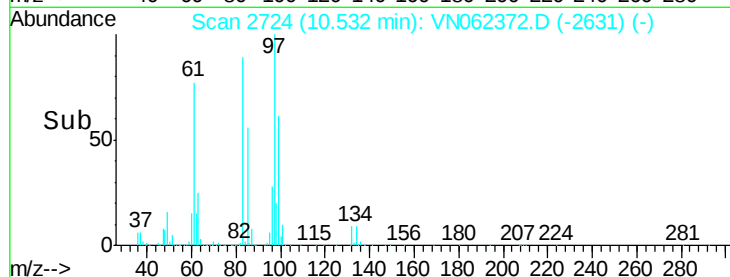
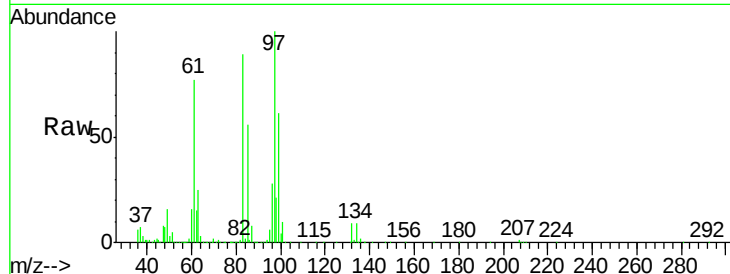
#55
 1,1,2-Trichloroethane
 Concen: 20.438 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062372.D
 Acq: 6 Jul 2020 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0706WBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	88.9	72.4	108.6
85	56.2	46.3	69.5
99	60.6	47.0	70.6

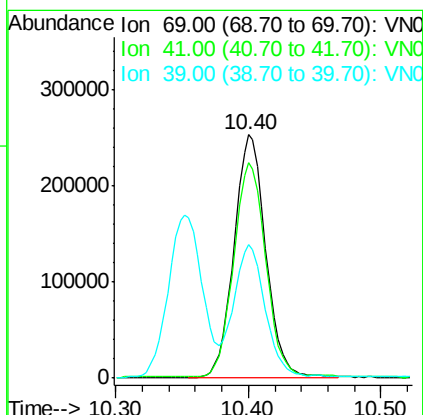
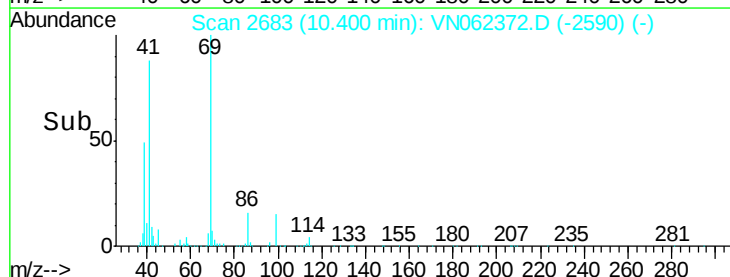
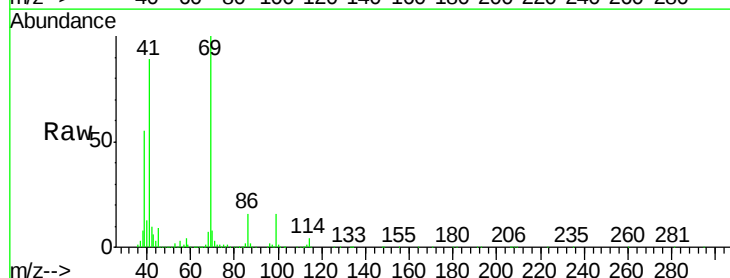
Manual Integrations
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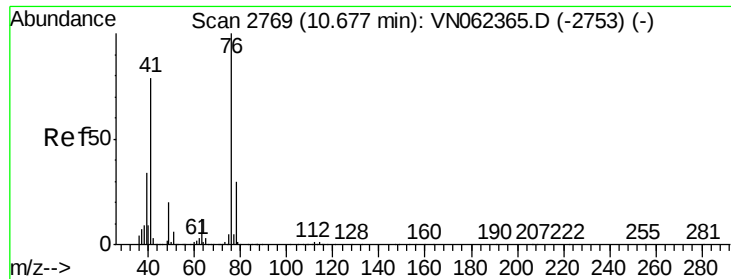
MMDadoda
 7/7/2020 10:08:07 AM



#56
 Ethyl methacrylate
 Concen: 19.869 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062372.D
 Acq: 6 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
69	100		
41	88.9	69.4	104.0
39	53.0	42.4	63.6





#57

1,3-Dichloropropane

Concen: 19.903 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN062372.D

Acq: 6 Jul 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

VN0706WBS01

Tot Ion: 76 Resp: 487630

Ion Ratio Lower Upper

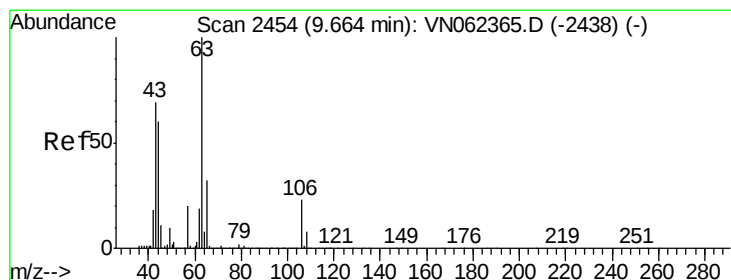
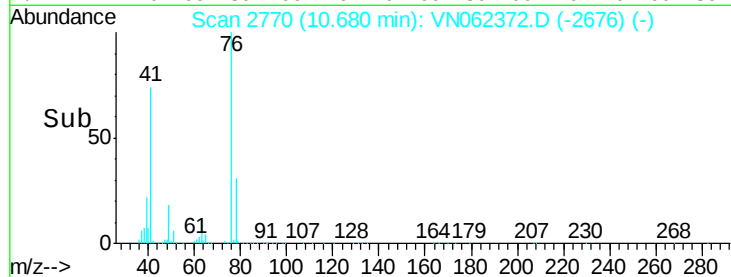
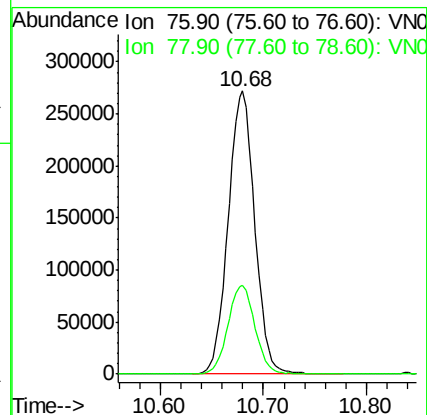
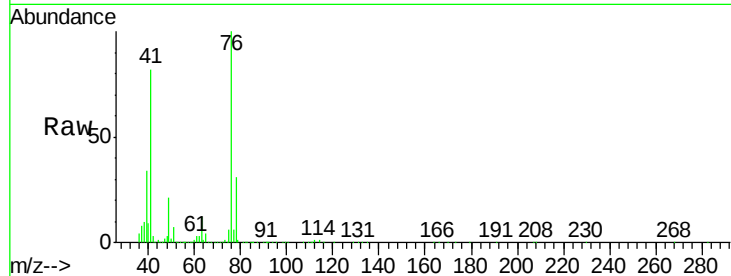
76 100

78 31.9 25.0 37.4

Manual Integrations
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7/7/2020 10:08:07 AM



#58

2-Chloroethyl Vinyl ether

Concen: 94.846 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VN062372.D

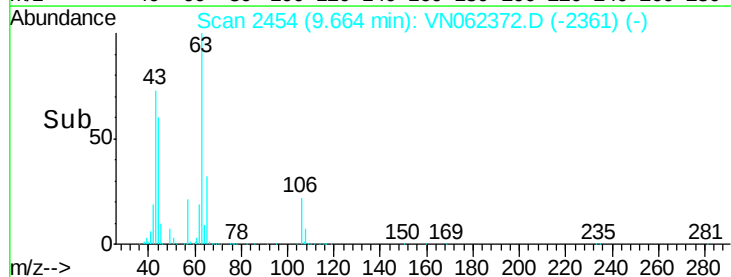
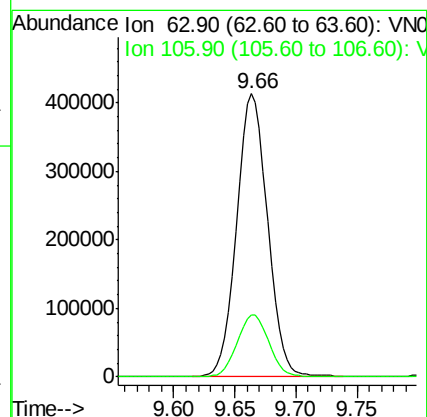
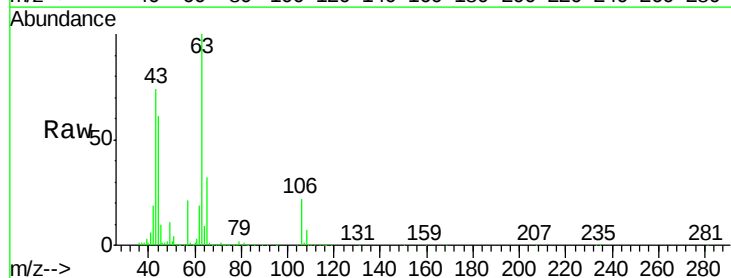
Acq: 6 Jul 2020 19:07

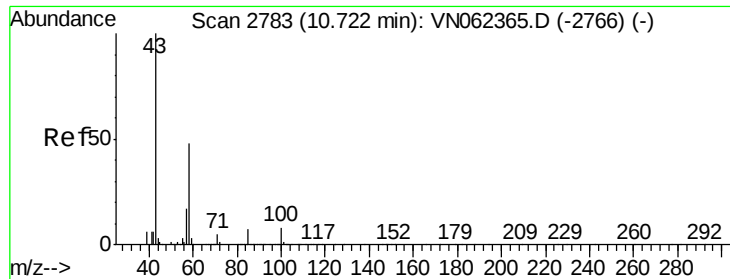
Tgt Ion: 63 Resp: 724901

Ion Ratio Lower Upper

63 100

106 22.5 18.0 27.0





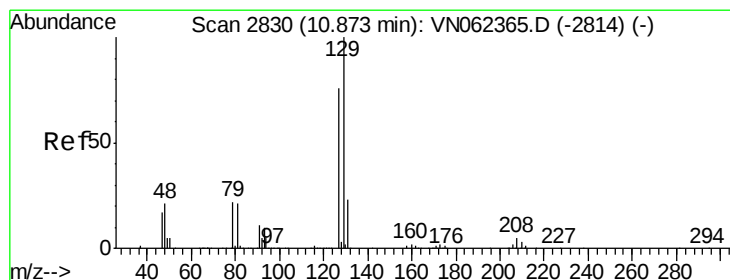
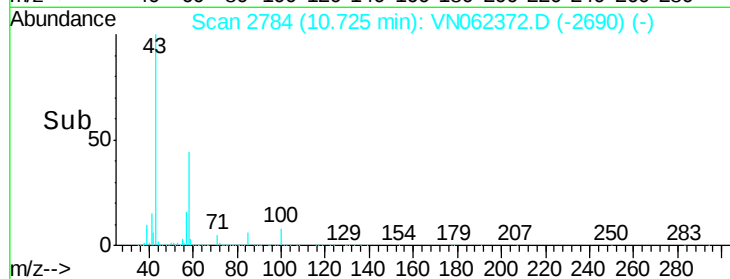
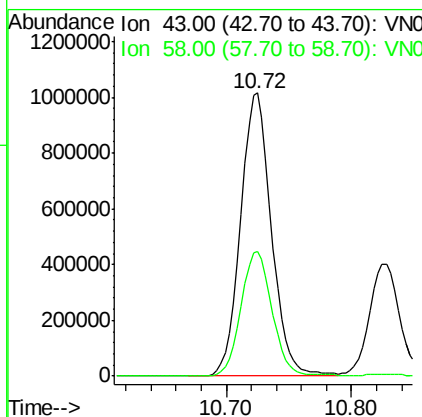
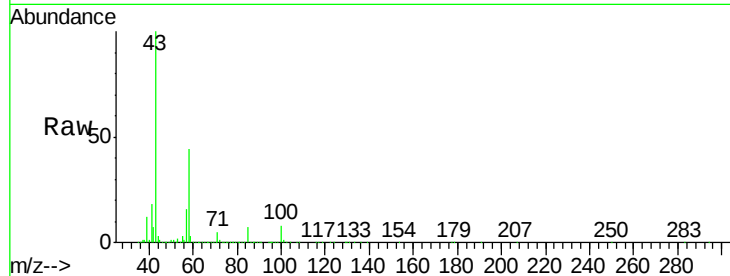
#59
2-Hexanone
Concen: 111.387 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062372.D
Acq: 6 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampled :
VN0706WBS01

Tot Ion: 43 Resp: 1734888
Ion Ratio Lower Upper
43 100
58 44.5 23.5 70.6

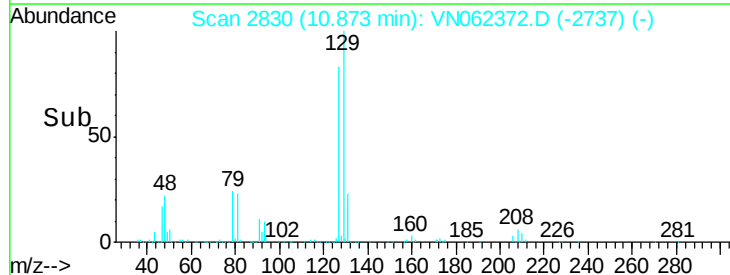
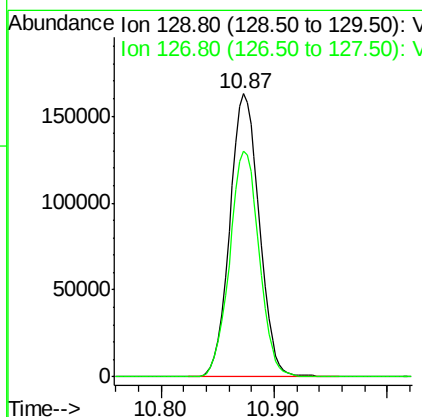
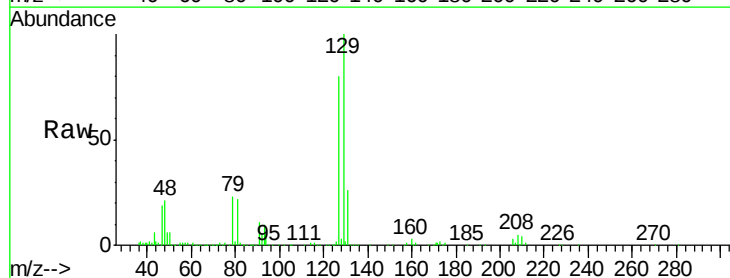
Manual Integrations
APPROVED

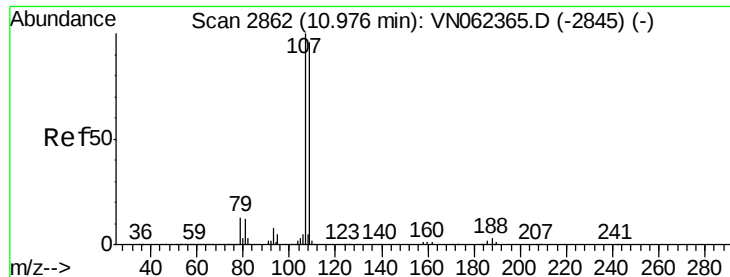
MMDadoda
7/7/2020 10:08:07 AM



#60
Dibromochloromethane
Concen: 19.658 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062372.D
Acq: 6 Jul 2020 19:07

Tgt Ion: 129 Resp: 295342
Ion Ratio Lower Upper
129 100
127 79.7 38.8 116.3





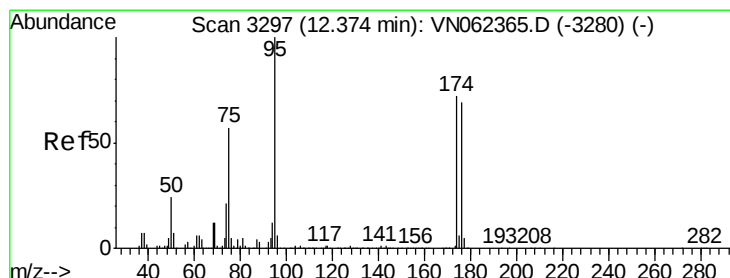
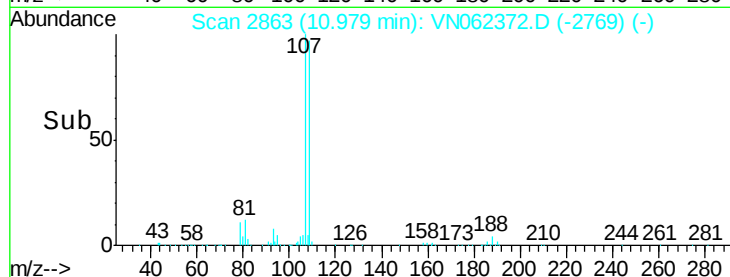
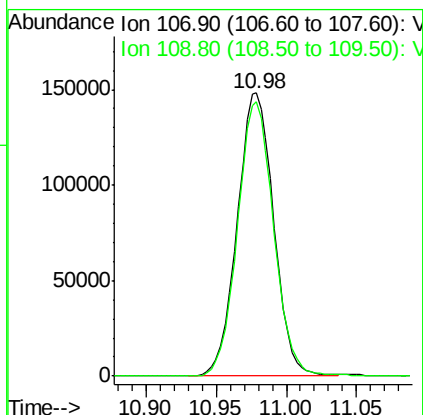
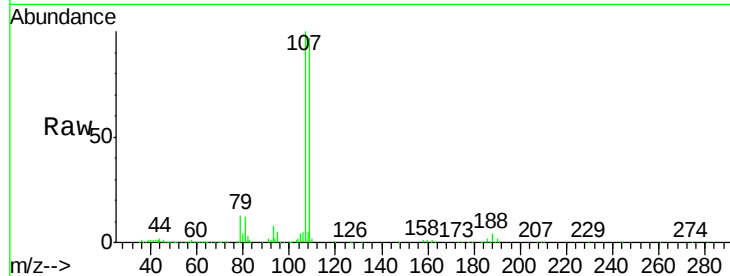
#61
 1,2-Dibromoethane
 Concen: 19.819 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062372.D
 Acq: 6 Jul 2020 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0706WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.7	76.4	114.6

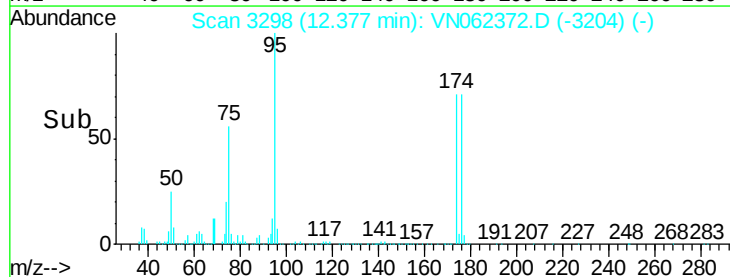
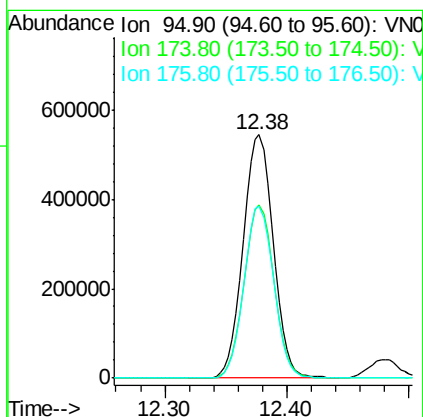
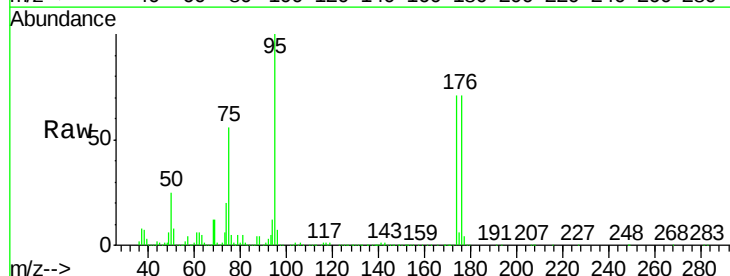
Manual Integrations
 APPROVED

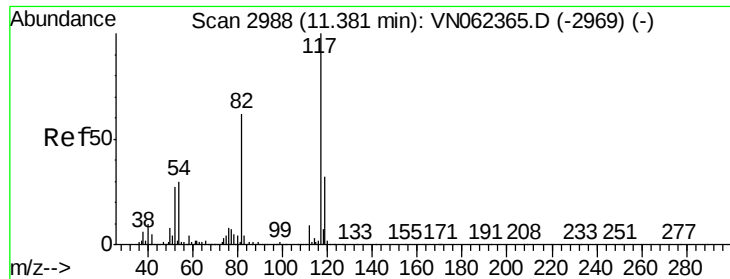
MMDadoda
 7/7/2020 10:08:07 AM



#62
 4-Bromofluorobenzene
 Concen: 51.378 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062372.D
 Acq: 6 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.0	0.0	145.8
176	69.8	0.0	140.2





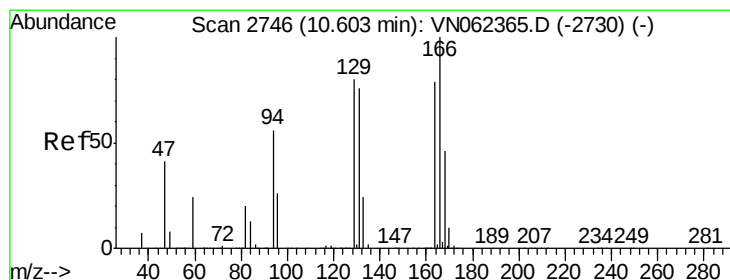
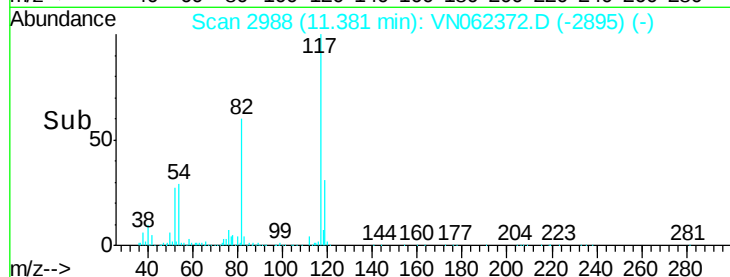
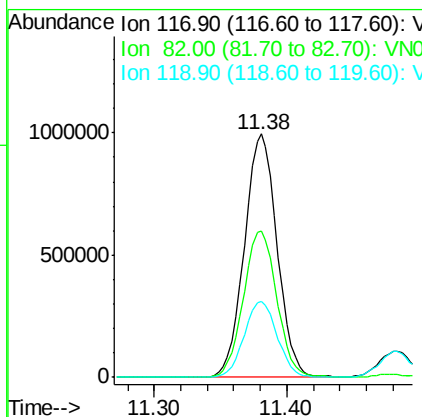
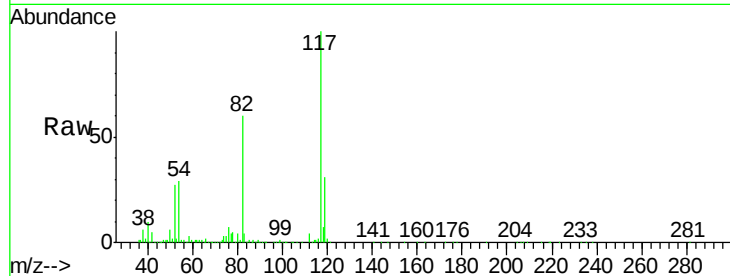
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062372.D
Acq: 6 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampled :
VN0706WBS01

Tot Ion:117 Resp: 1701925
Ion Ratio Lower Upper
117 100
82 60.3 49.4 74.2
119 31.2 25.6 38.4

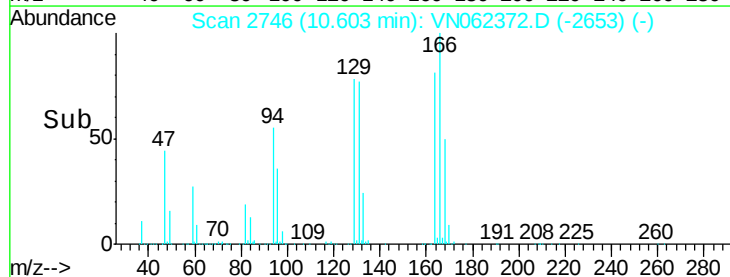
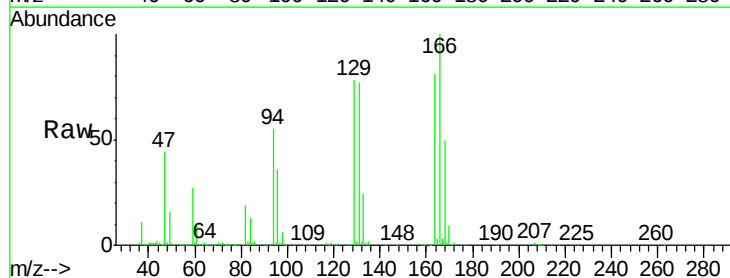
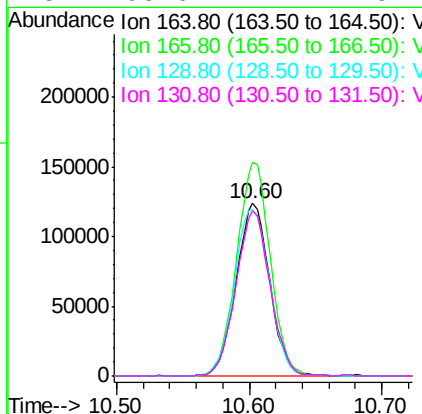
Manual Integrations
APPROVED

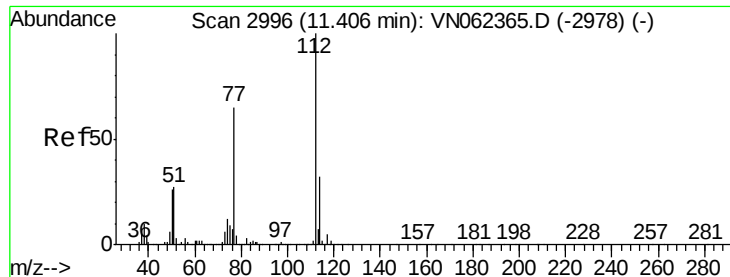
MMDadoda
7/7/2020 10:08:07 AM



#64
Tetrachloroethene
Concen: 19.916 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062372.D
Acq: 6 Jul 2020 19:07

Tgt Ion:164 Resp: 218085
Ion Ratio Lower Upper
164 100
166 123.6 101.6 152.4
129 96.1 81.4 122.2
131 95.6 77.1 115.7





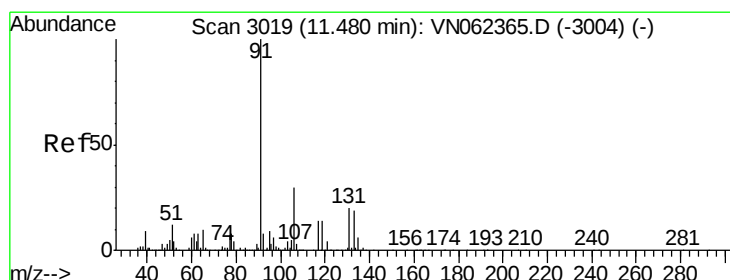
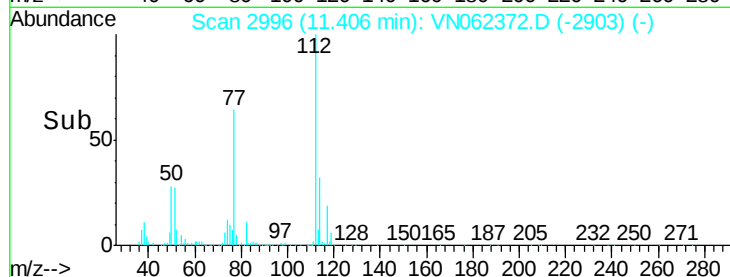
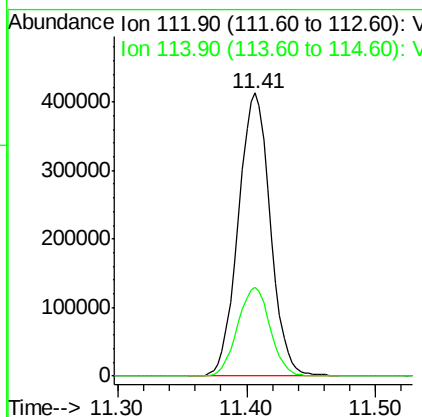
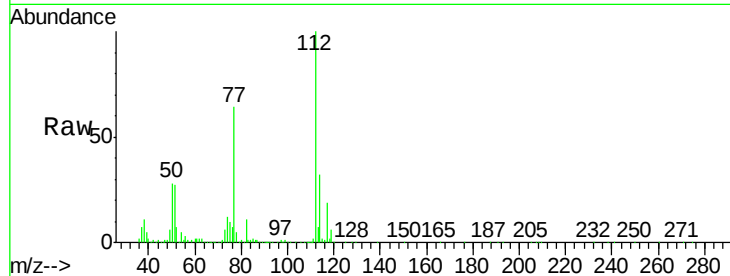
#65
Chlorobenzene
Concen: 20.450 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062372.D
Acq: 6 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :
VN0706WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.8	38.8

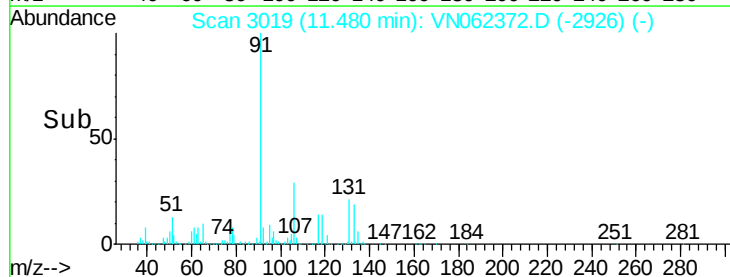
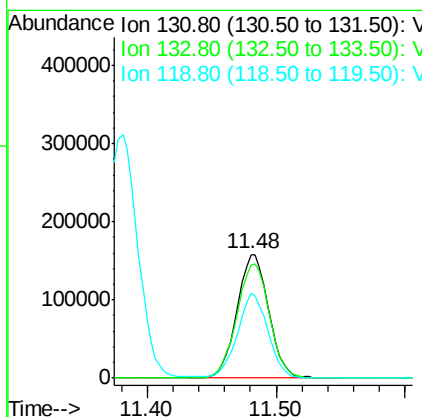
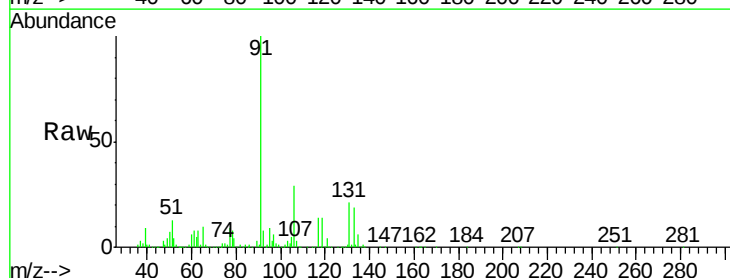
Manual Integrations
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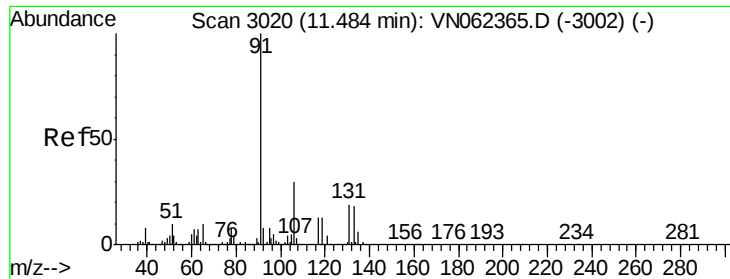
MMDadoda
7/7/2020 10:08:07 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.601 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062372.D
Acq: 6 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.5	47.3	141.9
119	65.9	33.3	99.9





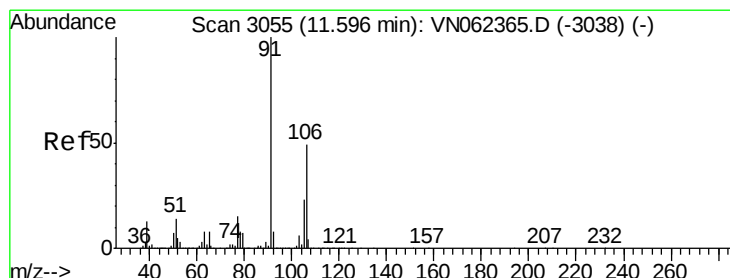
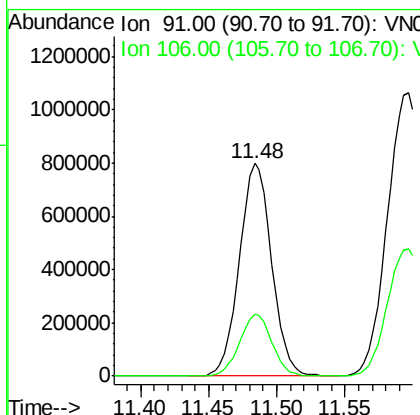
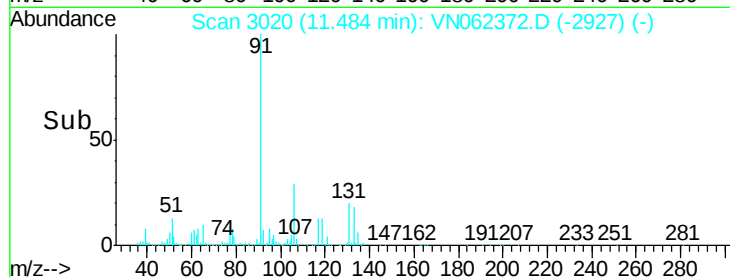
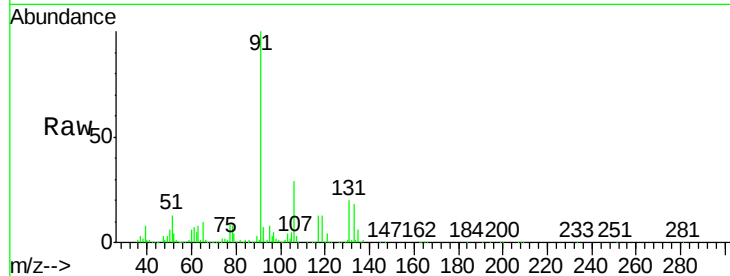
#67
Ethyl Benzene
Concen: 21.307 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062372.D
Acq: 6 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampled :
VN0706WBS01

Tot Ion: 91 Resp: 1313301
Ion Ratio Lower Upper
91 100
106 28.8 24.2 36.2

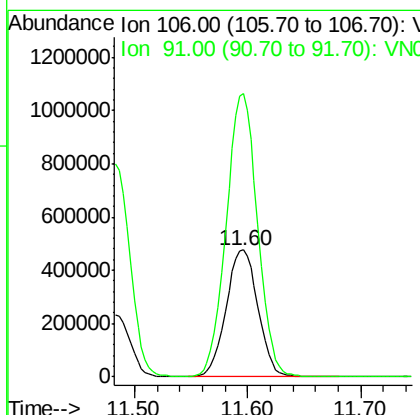
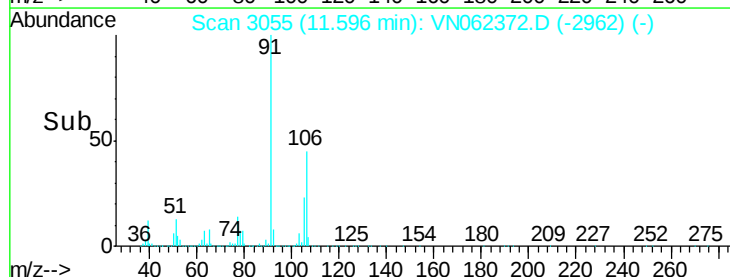
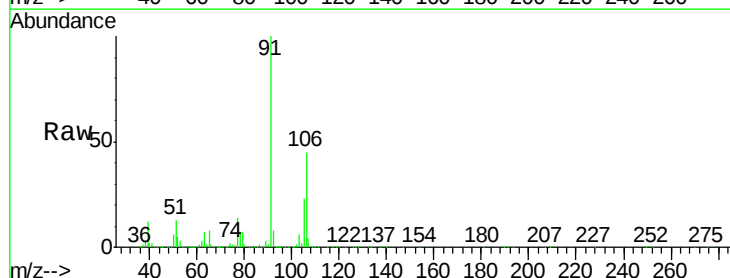
Manual Integrations
APPROVED

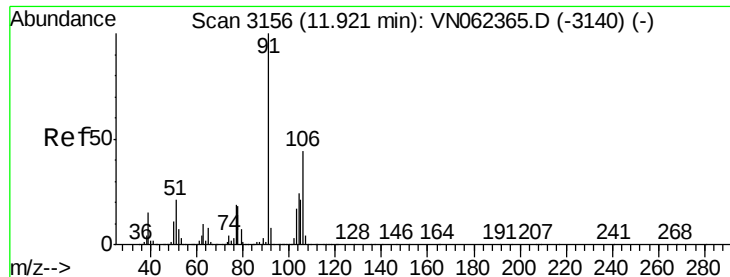
MMDadoda
7/7/2020 10:08:07 AM



#68
m/p-Xylenes
Concen: 40.889 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062372.D
Acq: 6 Jul 2020 19:07

Tgt Ion: 106 Resp: 926353
Ion Ratio Lower Upper
106 100
91 219.8 165.4 248.2





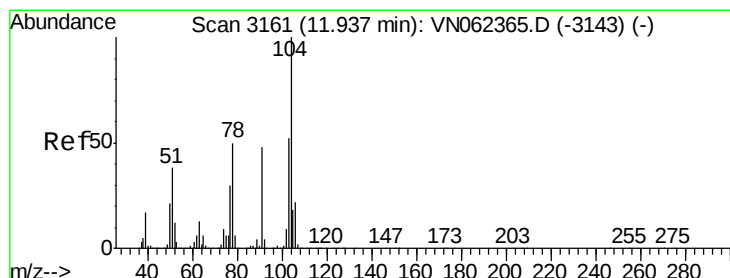
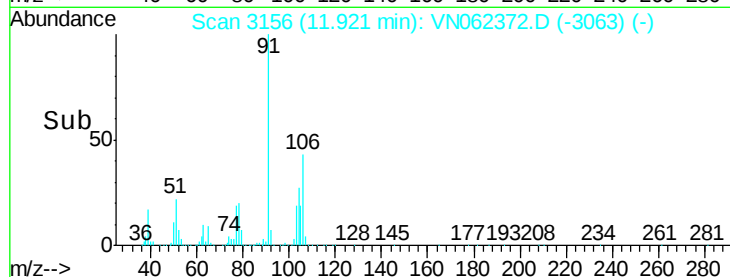
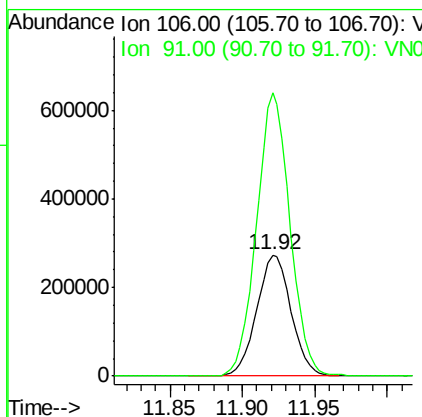
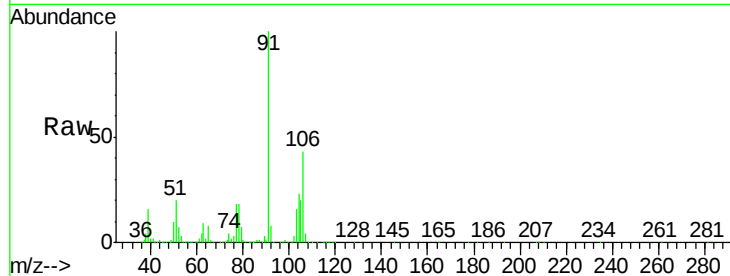
#69
o-Xylene
Concen: 20.225 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062372.D
Acq: 6 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :
VN0706WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		450700		
91	227.3	113.1	339.4		

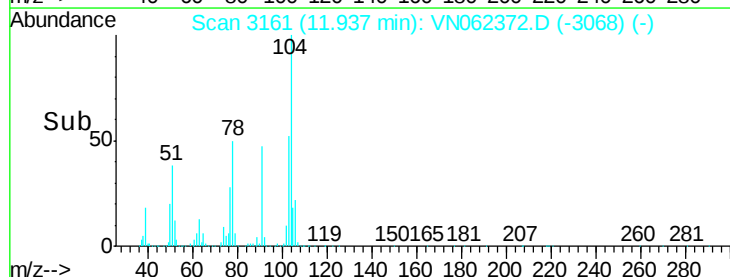
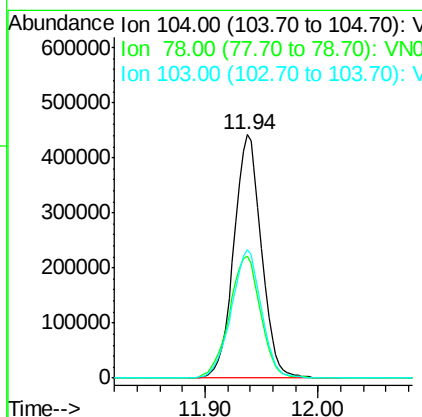
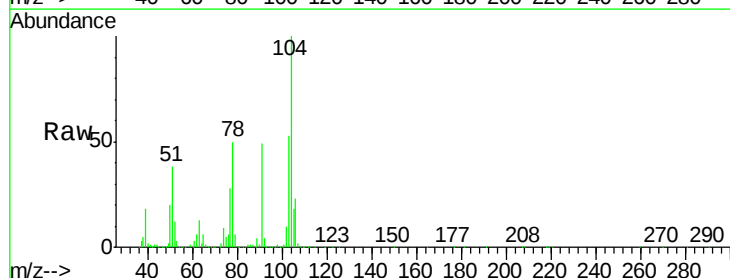
Manual Integrations
APPROVED

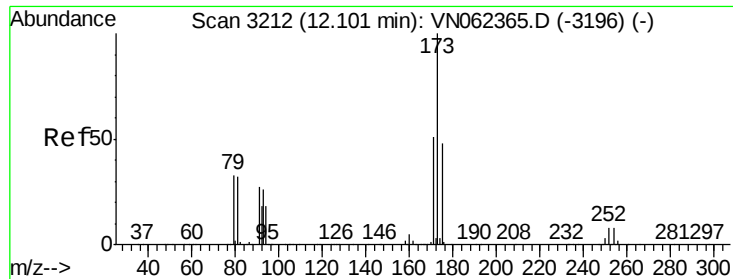
MMDadoda
7/7/2020 10:08:07 AM



#70
Styrene
Concen: 20.412 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062372.D
Acq: 6 Jul 2020 19:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		751632		
78	57.0	44.8	67.2		
103	57.3	45.0	67.4		





#71

Bromoform

Concen: 19.233 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062372.D

Acq: 6 Jul 2020 19:07

Instrument :

MSVOA_N

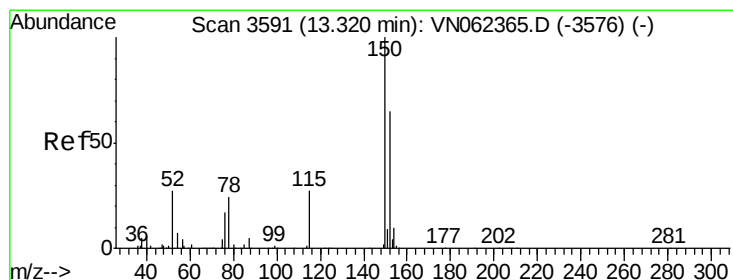
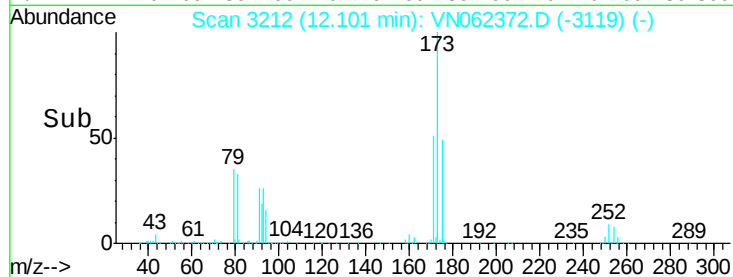
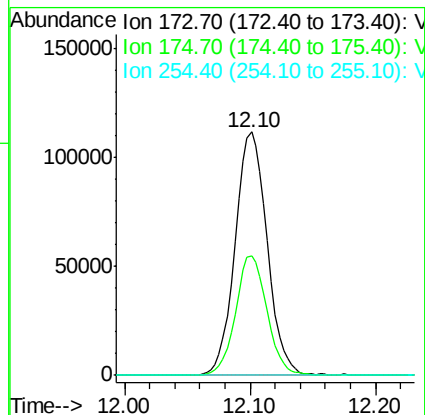
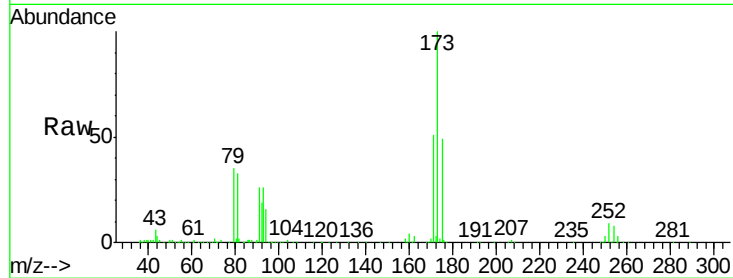
ClientSampled :

VN0706WBS01

Tot Ion:	173	Resp:	198202
Ion Ratio	Lower	Upper	
173	100		
175	48.0	24.1	72.2
254	0.1	0.2	0.2#

Manual Integrations
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MMDadoda
7/7/2020 10:08:07 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

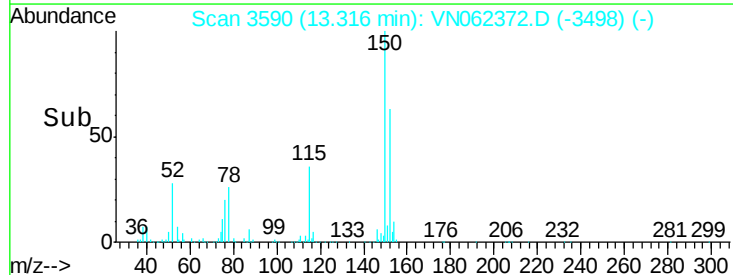
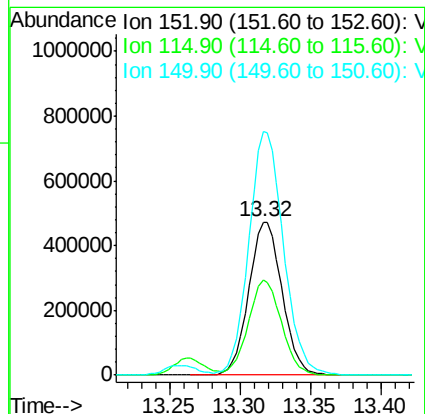
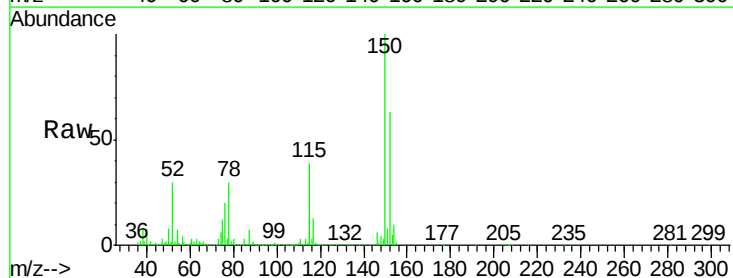
RT: 13.32 min Scan# 3590

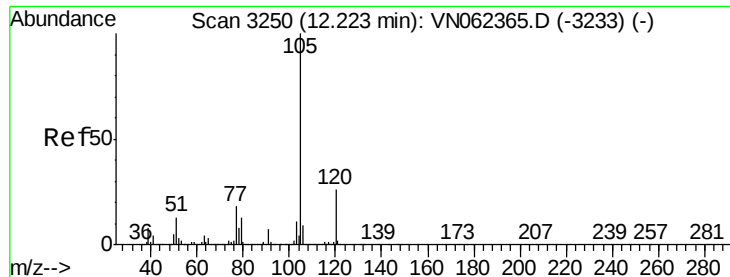
Delta R.T. -0.00 min

Lab File: VN062372.D

Acq: 6 Jul 2020 19:07

Tgt Ion:	152	Resp:	782288
Ion Ratio	Lower	Upper	
152	100		
115	61.3	30.5	91.5
150	164.9	0.0	346.8





#73

Isopropylbenzene

Concen: 19.776 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062372.D

Acq: 6 Jul 2020 19:07

Instrument :

MSVOA_N

ClientSampled :

VN0706WBS01

Tot Ion:105 Resp: 1236615

Ion Ratio Lower Upper

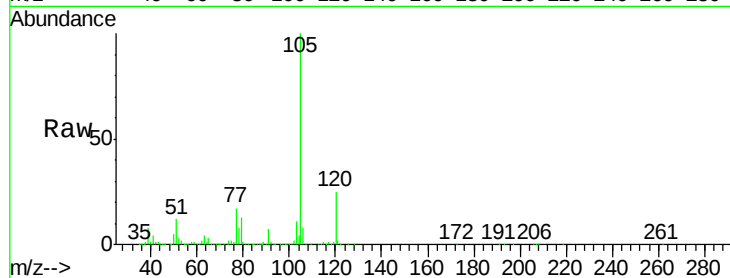
105 100

120 25.2 12.8 38.3

Manual Integrations
APPROVED

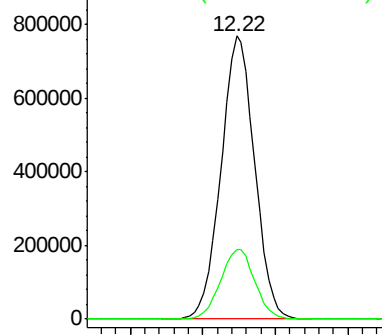
MMDadoda

7/7/2020 10:08:07 AM

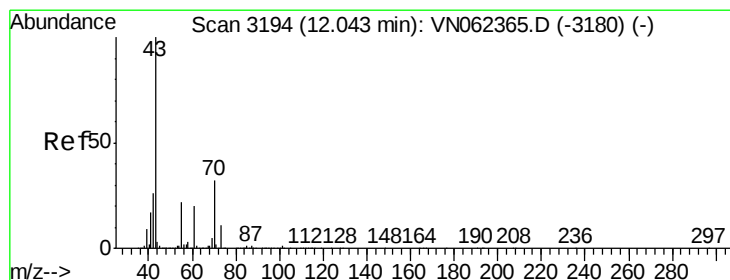
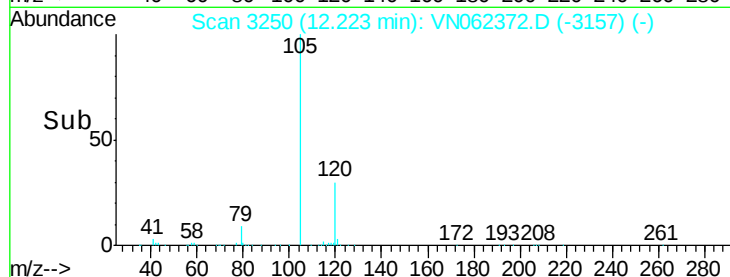


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 20.971 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062372.D

Acq: 6 Jul 2020 19:07

Tgt Ion: 43 Resp: 652127

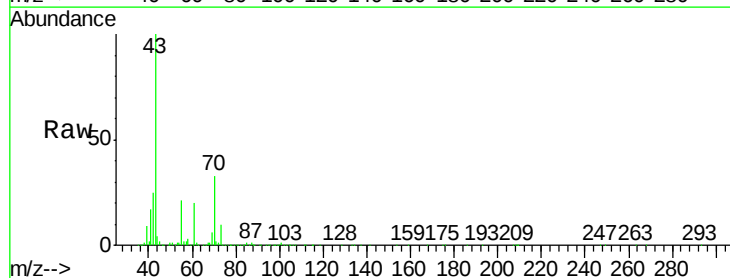
Ion Ratio Lower Upper

43 100

70 32.9 25.9 38.9

55 21.7 17.4 26.0

61 19.2 15.6 23.4

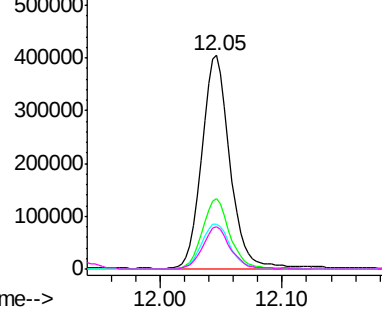


Abundance Ion 43.00 (42.70 to 43.70): V

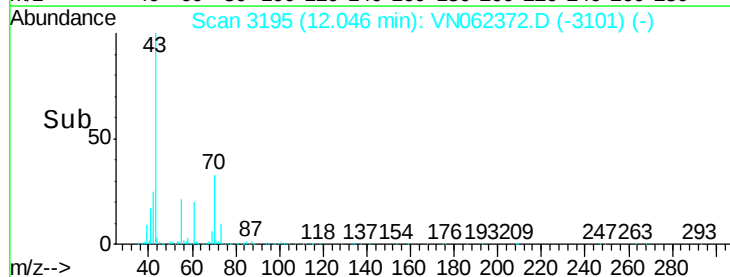
Ion 70.00 (69.70 to 70.70): V

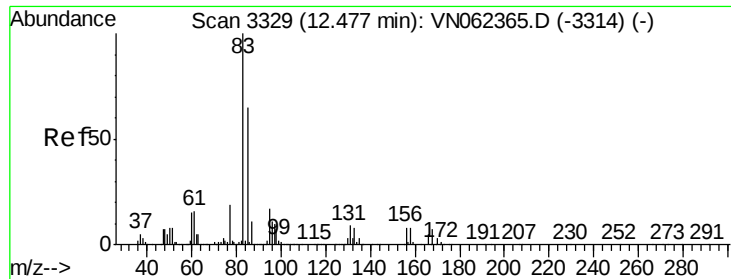
Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.353 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062372.D

Acq: 6 Jul 2020 19:07

Instrument :

MSVOA_N

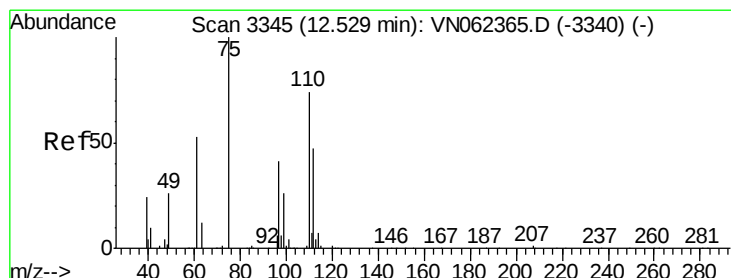
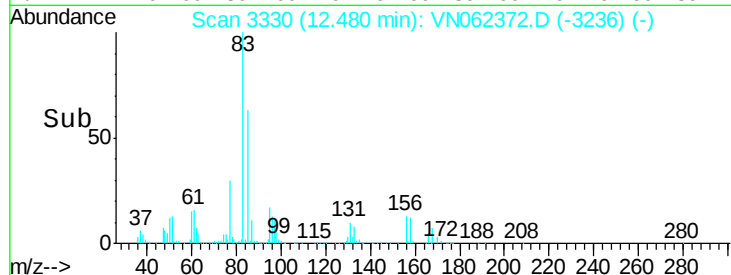
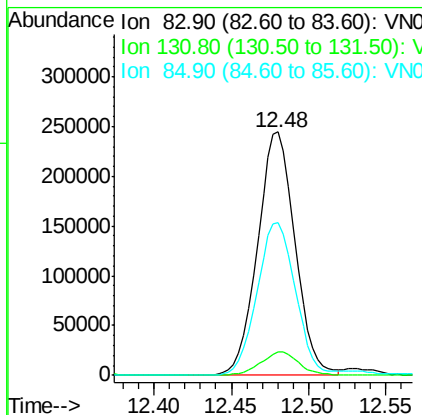
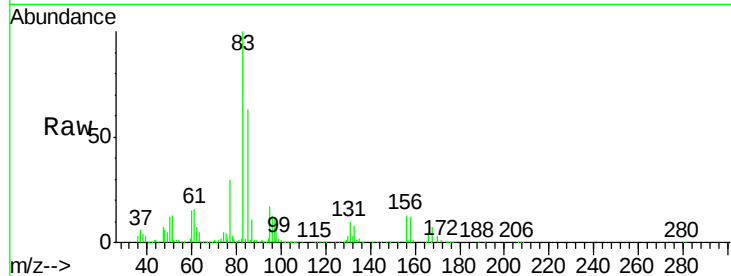
ClientSampleId :

VN0706WBS01

Tot Ion:	83	Resp:	411931
Ion Ratio	Lower	Upper	
83	100		
131	9.7	4.8	14.3
85	64.9	32.3	96.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.480 ug/l m

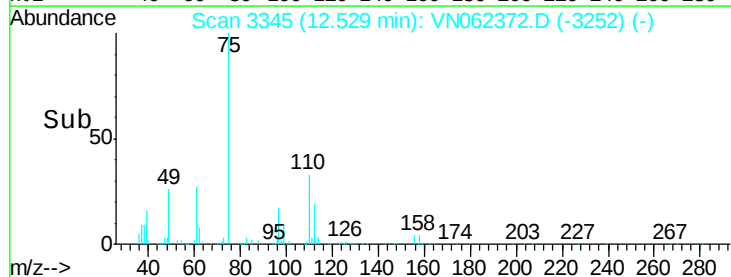
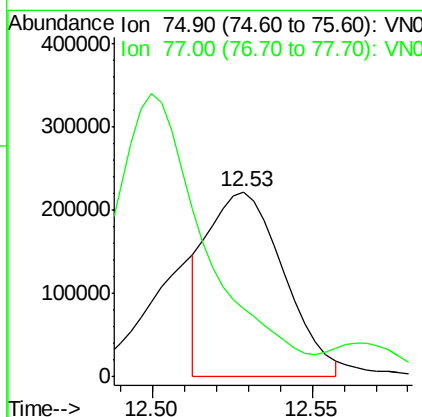
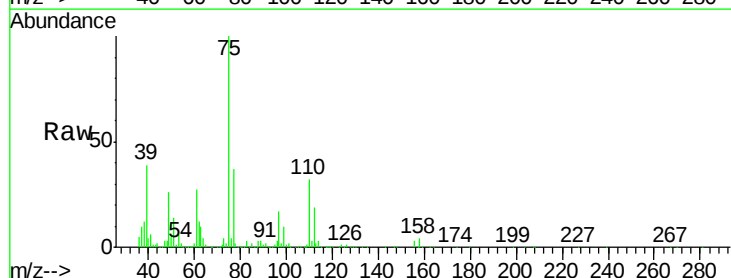
RT: 12.53 min Scan# 3345

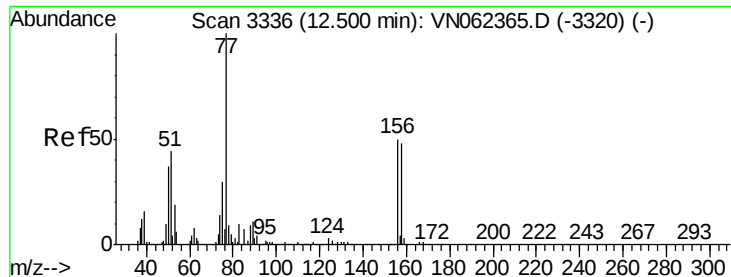
Delta R.T. -0.00 min

Lab File: VN062372.D

Acq: 6 Jul 2020 19:07

Tgt Ion:	75	Resp:	368078
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





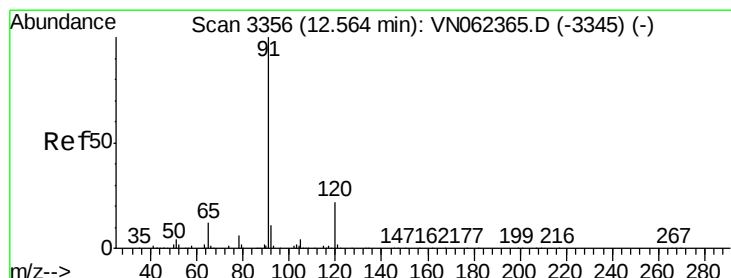
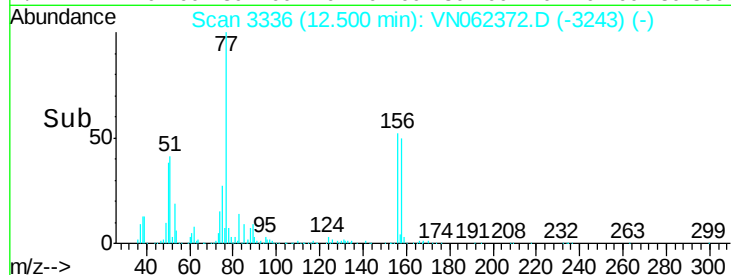
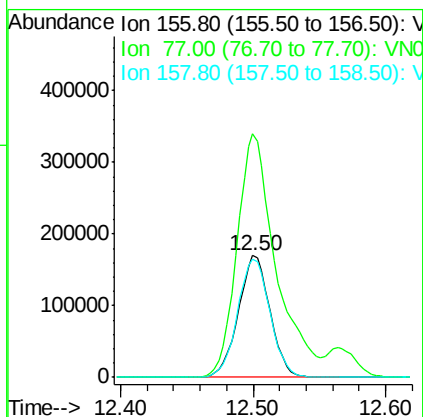
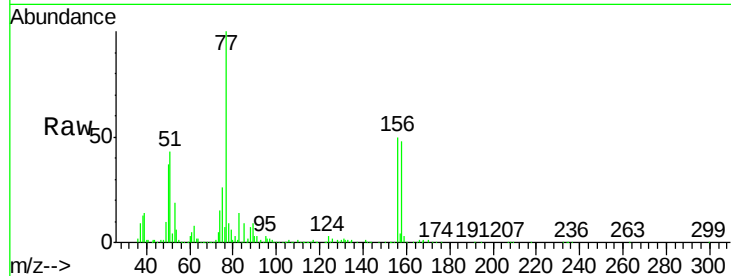
#77
Bromobenzene
Concen: 20.557 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN062372.D
Acq: 6 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampled :
VN0706WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	245.8	123.3	369.8
158	99.6	49.6	148.8

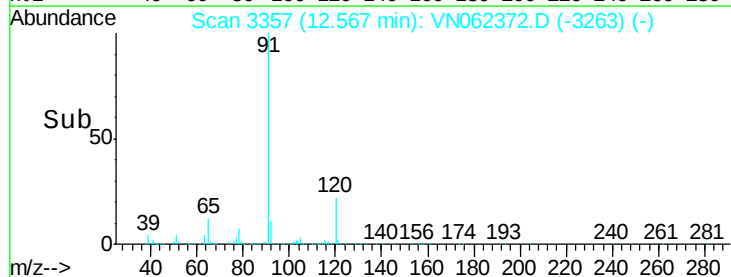
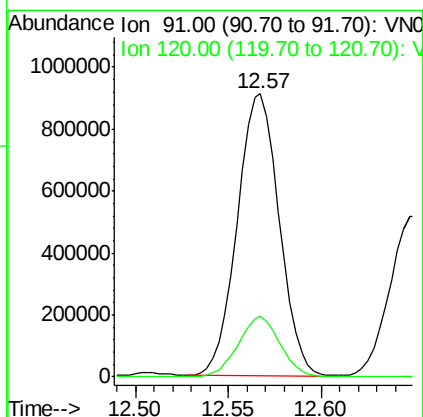
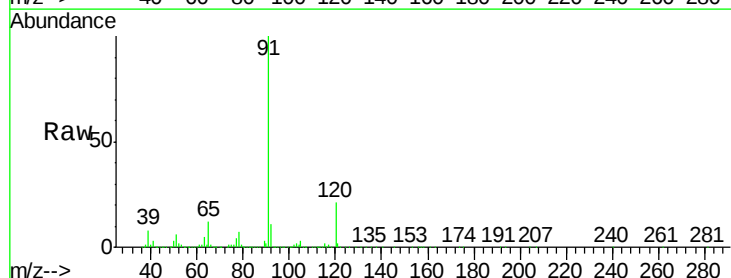
Manual Integrations
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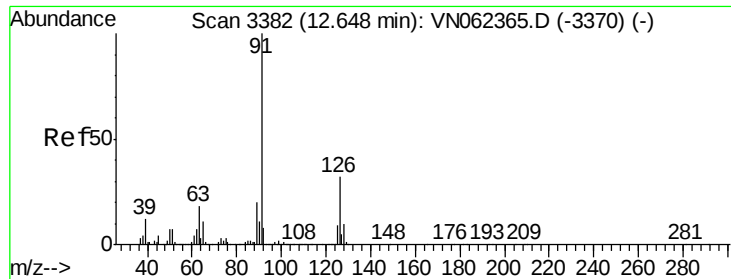
MMDadoda
7/7/2020 10:08:07 AM



#78
n-propylbenzene
Concen: 19.469 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. 0.00 min
Lab File: VN062372.D
Acq: 6 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.4	10.9	32.6





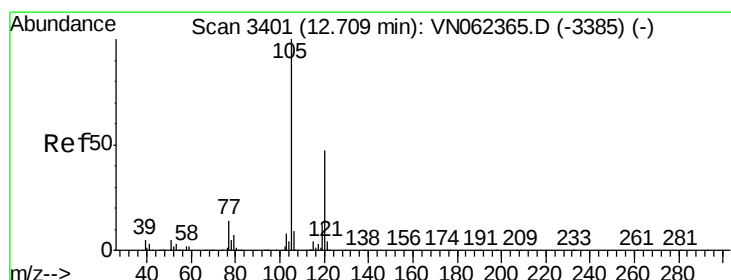
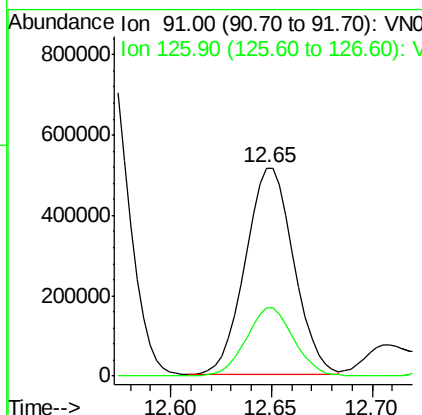
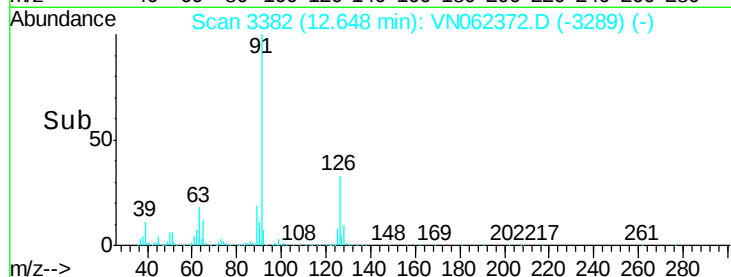
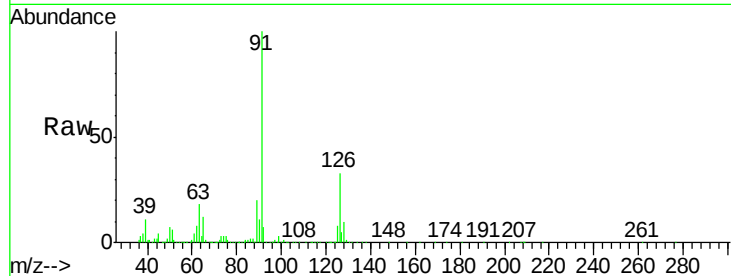
#79
 2-Chlorotoluene
 Concen: 20.596 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062372.D
 Acq: 6 Jul 2020 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0706WBS01

Tot Ion: 91 Resp: 865344
 Ion Ratio Lower Upper
 91 100
 126 32.6 15.8 47.4

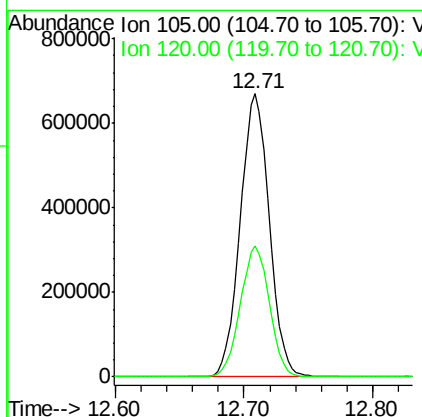
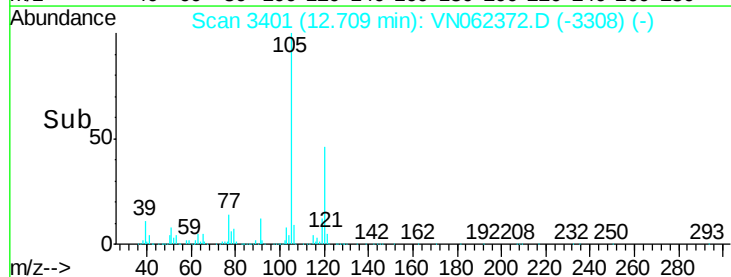
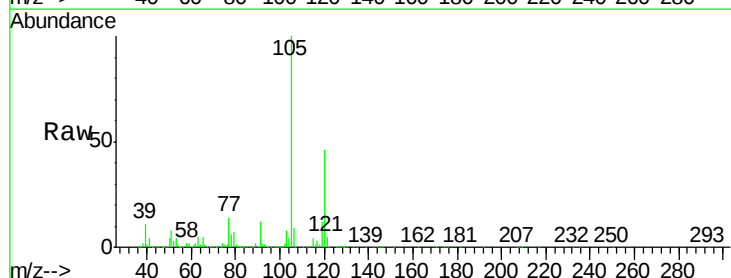
Manual Integrations
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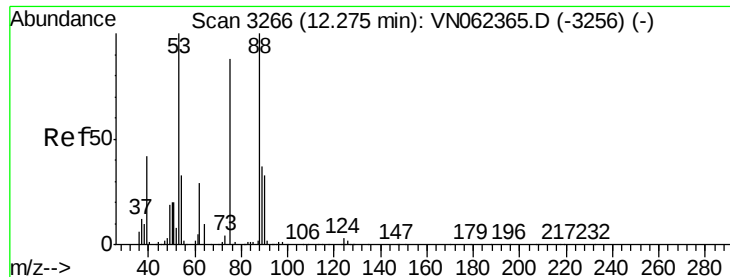
MMDadoda
 7/7/2020 10:08:07 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 21.510 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062372.D
 Acq: 6 Jul 2020 19:07

Tgt Ion: 105 Resp: 1046821
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.2 69.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.381 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062372.D

Acq: 6 Jul 2020 19:07

Instrument :

MSVOA_N

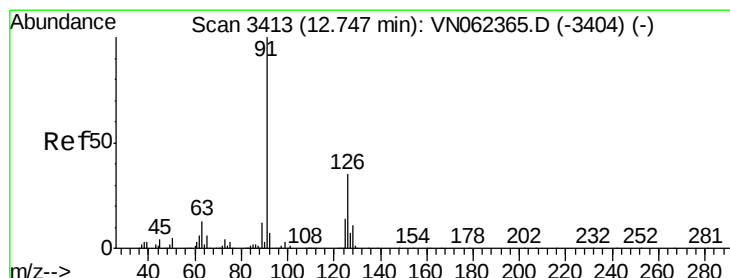
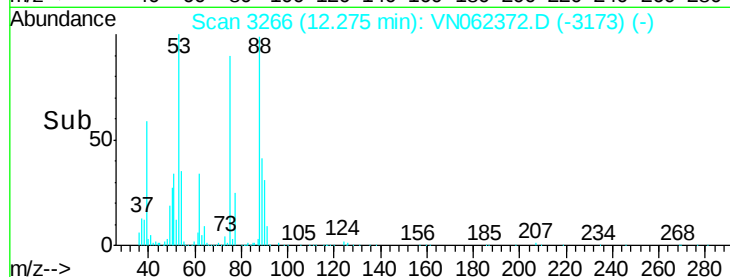
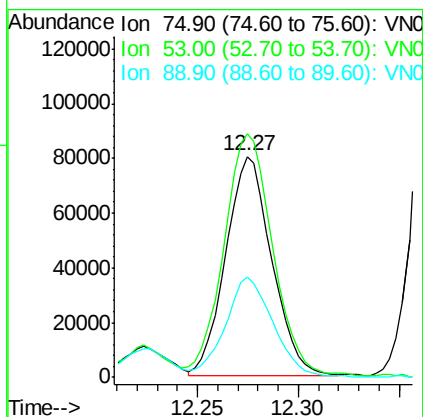
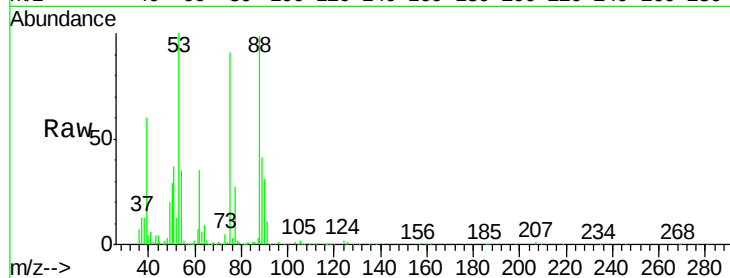
ClientSampled :

VN0706WBS01

Tot Ion:	75	Resp:	128061
Ion Ratio	Lower	Upper	
75	100		
53	116.9	92.3	138.5
89	47.7	37.0	55.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.963 ug/l

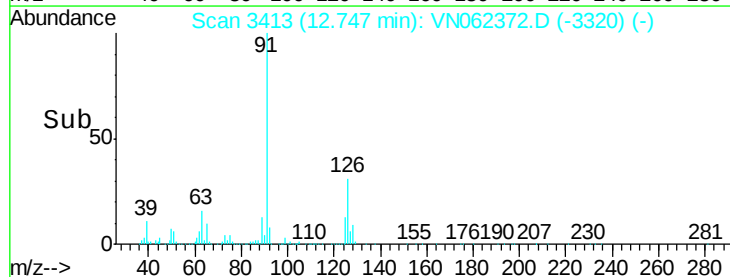
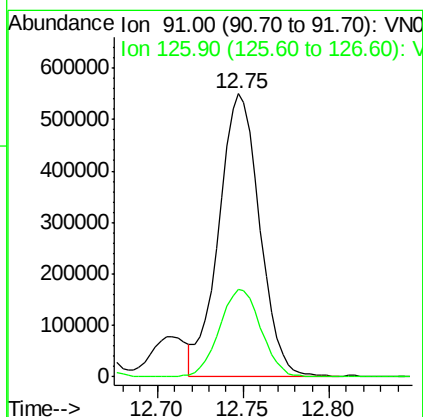
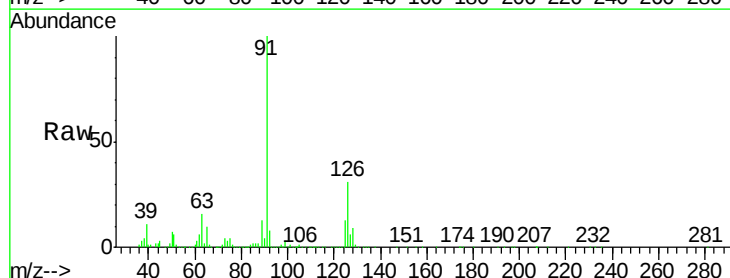
RT: 12.75 min Scan# 3413

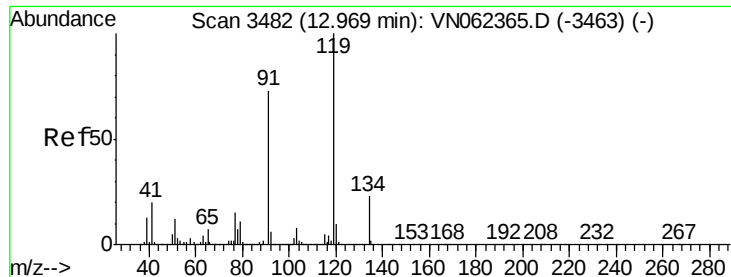
Delta R.T. -0.00 min

Lab File: VN062372.D

Acq: 6 Jul 2020 19:07

Tgt Ion:	91	Resp:	900851
Ion Ratio	Lower	Upper	
91	100		
126	31.9	15.6	46.7





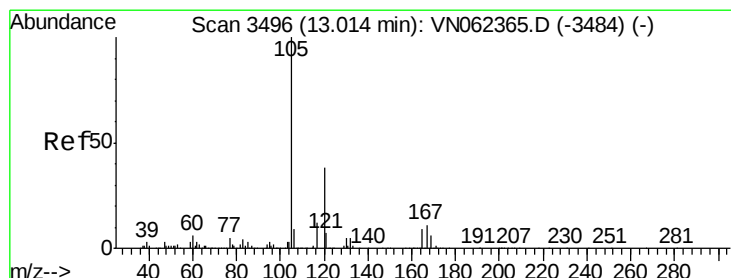
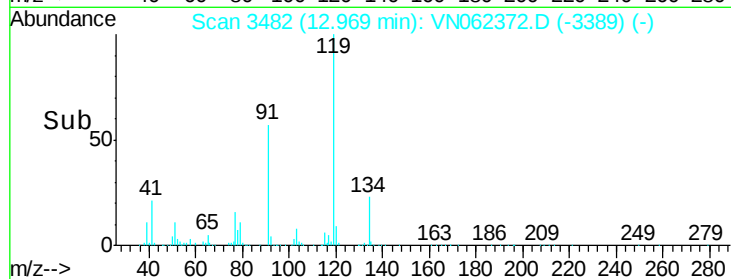
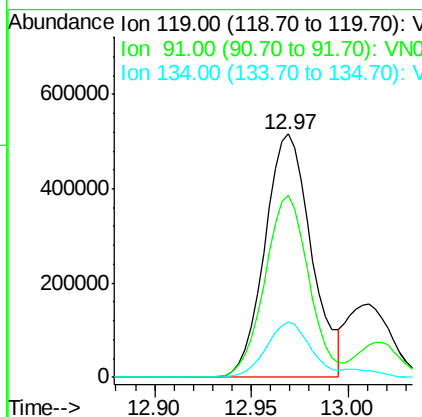
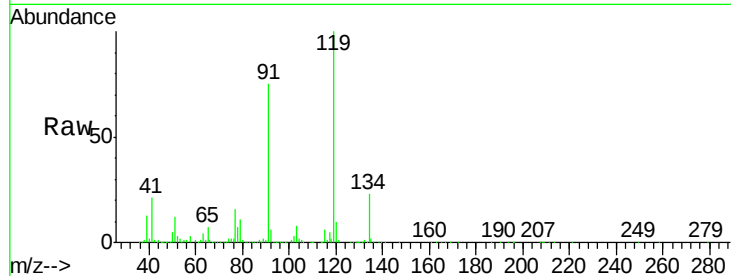
#83
tert-Butylbenzene
Concen: 20.867 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062372.D
Acq: 6 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :
VN0706WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.9	36.4	109.1
134	21.7	11.7	35.0

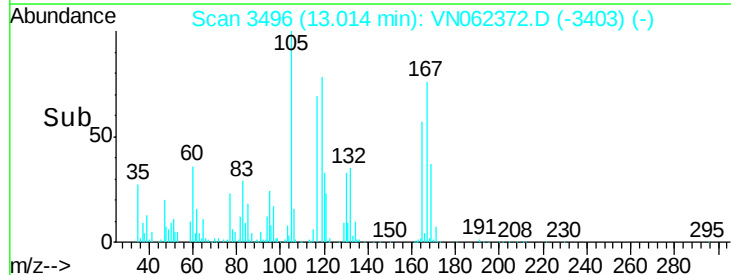
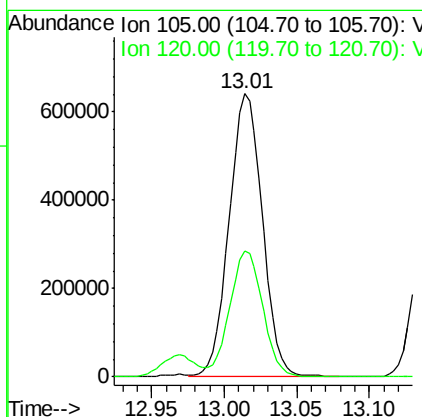
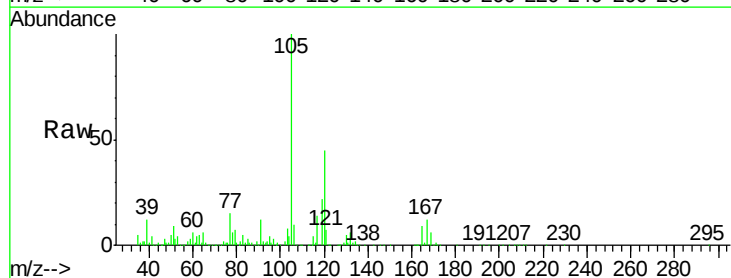
Manual Integrations
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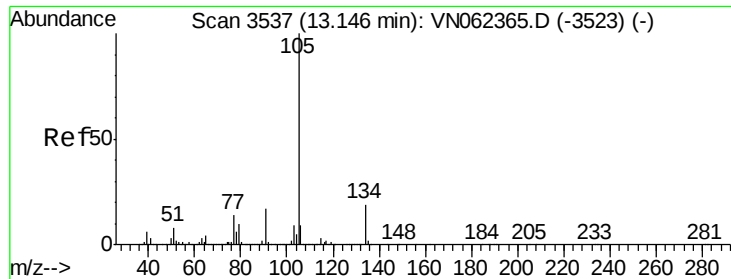
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 21.073 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062372.D
Acq: 6 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.1	66.3





#85

sec-Butylbenzene

Concen: 21.996 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062372.D

Acq: 6 Jul 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

VN0706WBS01

Tot Ion:105 Resp: 1162104

Ion Ratio Lower Upper

105 100

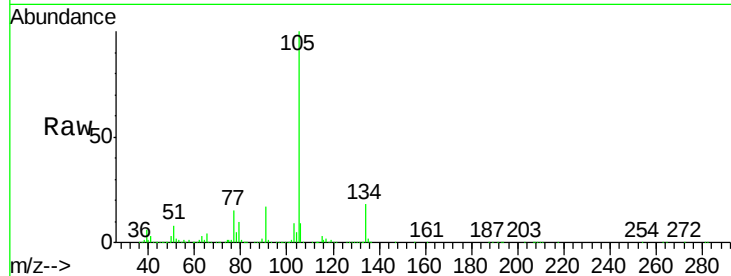
134 18.5 9.4 28.2

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

800000

600000

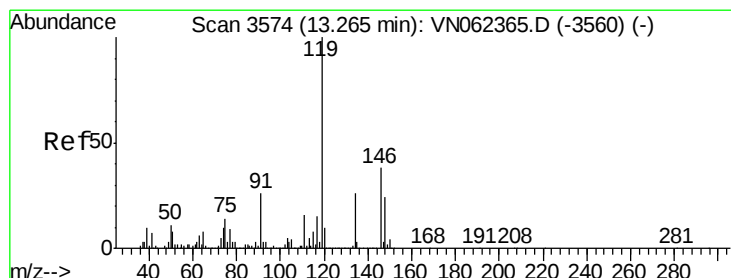
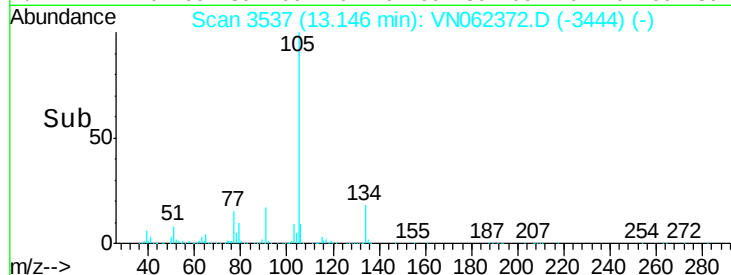
400000

200000

0

13.10 13.15 13.20

Time-->



#86

p-Isopropyltoluene

Concen: 20.988 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062372.D

Acq: 6 Jul 2020 19:07

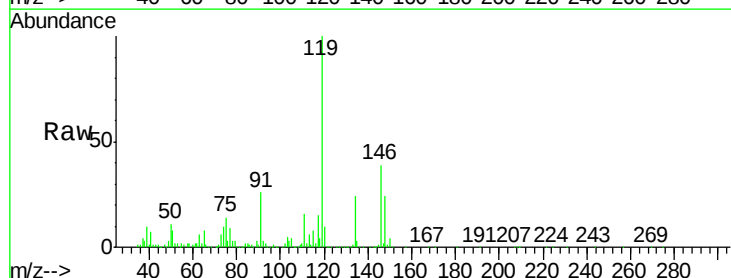
Tgt Ion:119 Resp: 999311

Ion Ratio Lower Upper

119 100

134 24.6 12.7 38.1

91 25.9 13.1 39.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

800000

600000

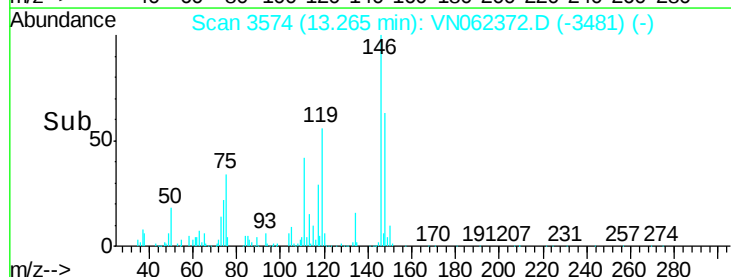
400000

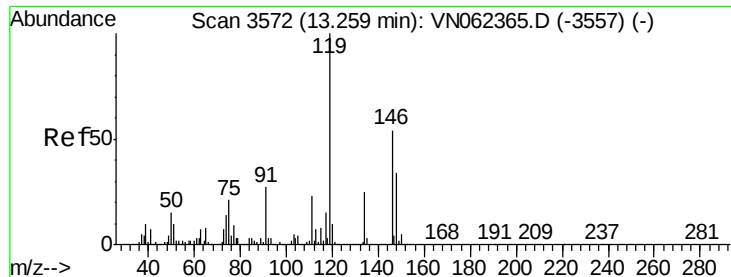
200000

0

13.20 13.30

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.399 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062372.D

Acq: 6 Jul 2020 19:07

Instrument :

MSVOA_N

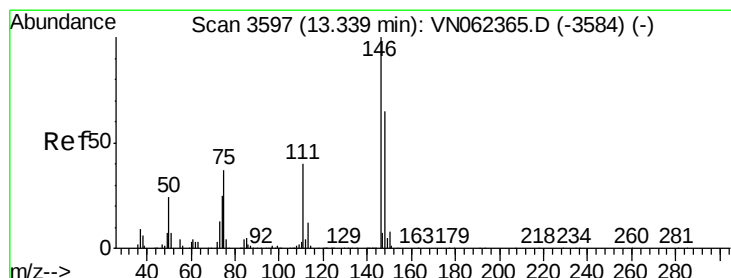
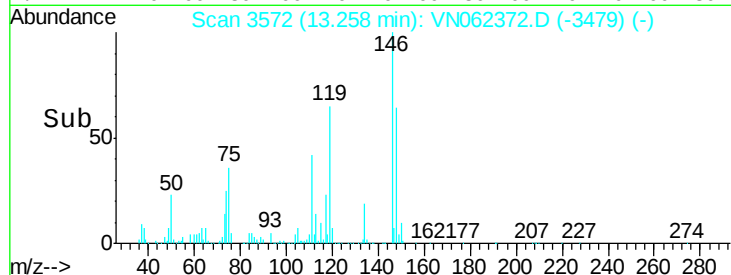
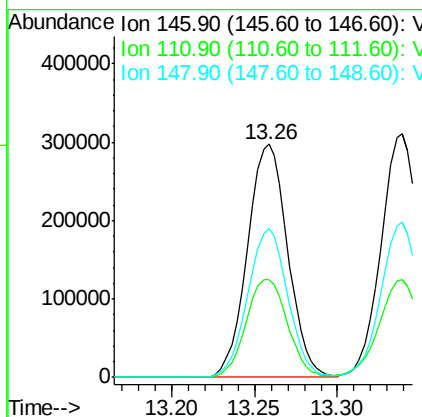
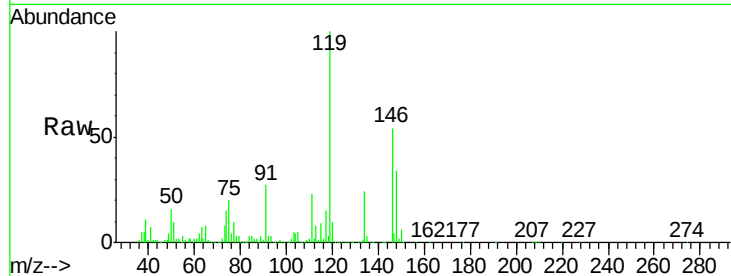
ClientSampled :

VN0706WBS01

Tot Ion:	146	Resp:	502116
Ion Ratio	Lower	Upper	
146	100		
111	43.2	21.3	63.9
148	63.4	31.6	95.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.903 ug/l

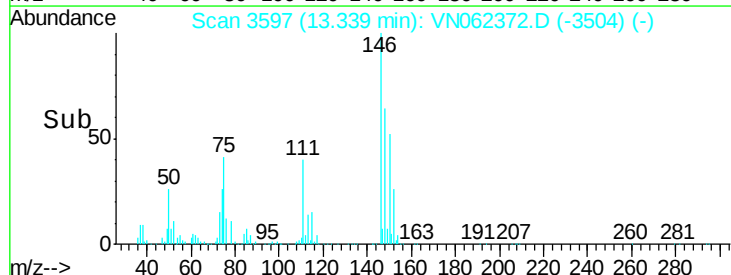
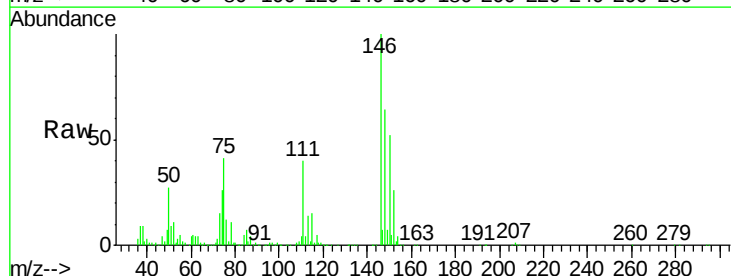
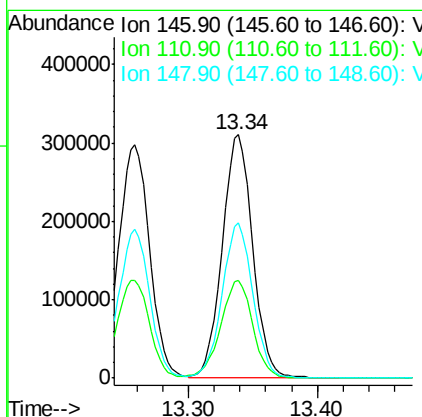
RT: 13.34 min Scan# 3597

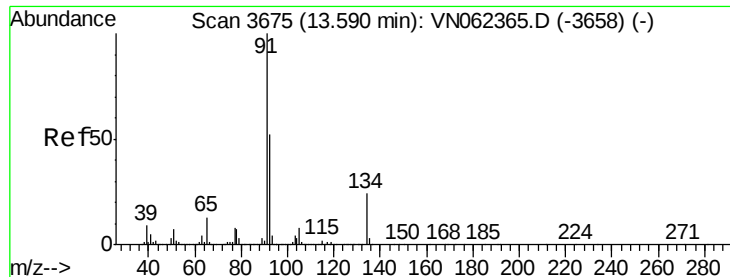
Delta R.T. -0.00 min

Lab File: VN062372.D

Acq: 6 Jul 2020 19:07

Tgt Ion:	146	Resp:	506294
Ion Ratio	Lower	Upper	
146	100		
111	42.3	20.6	61.8
148	64.2	31.8	95.4





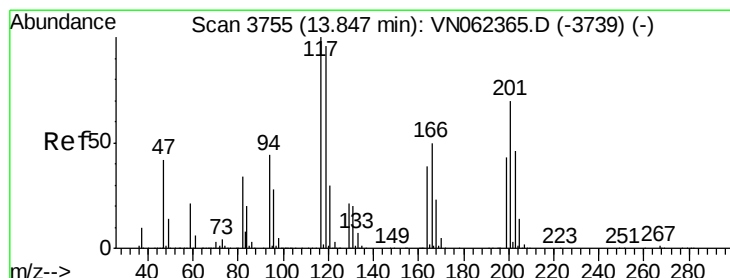
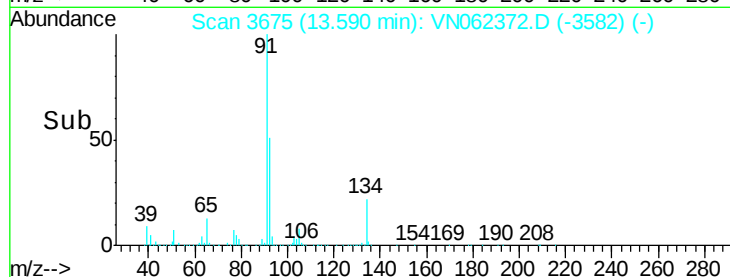
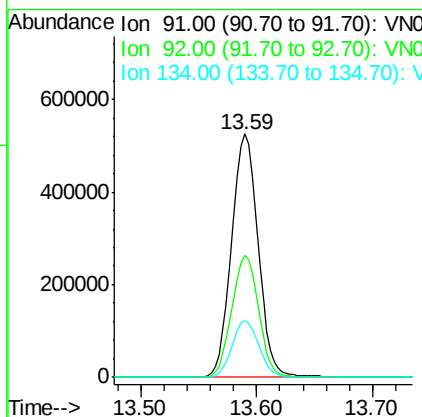
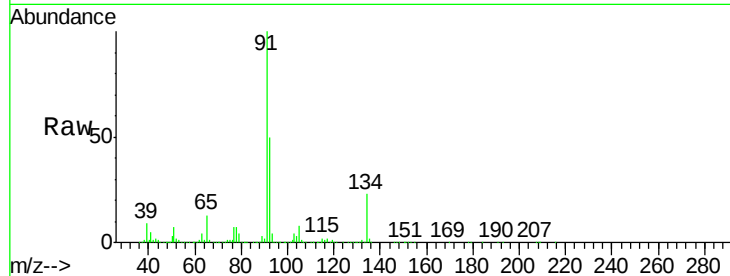
#89
n-Butylbenzene
Concen: 20.155 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062372.D
Acq: 6 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampled :
VN0706WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.4	25.7	77.1
134	23.6	11.7	35.1

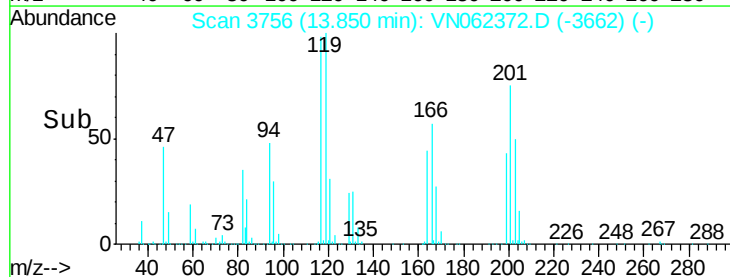
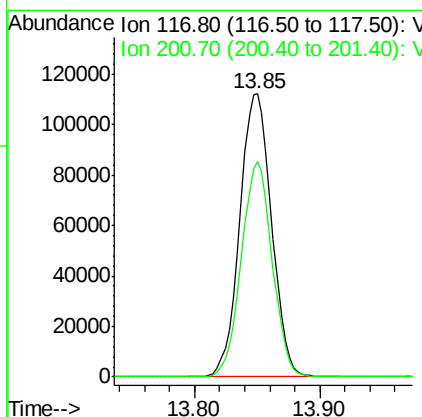
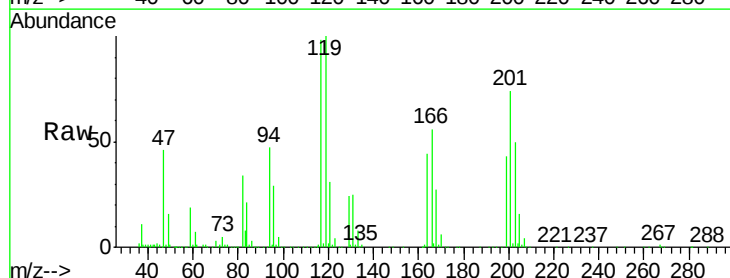
Manual Integrations
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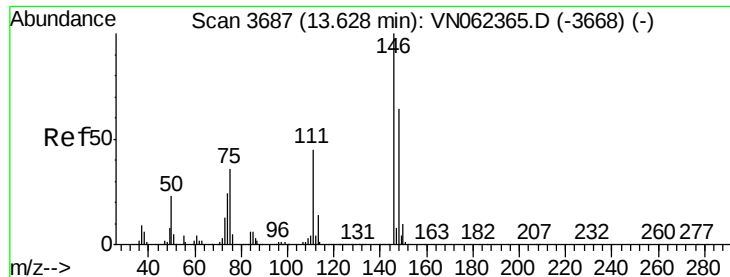
MMDadoda
7/7/2020 10:08:07 AM



#90
Hexachloroethane
Concen: 19.385 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN062372.D
Acq: 6 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.7	35.4	106.2





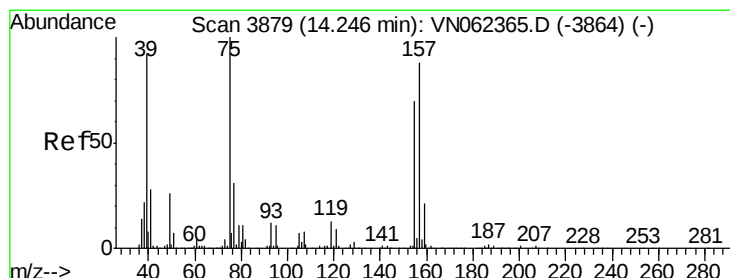
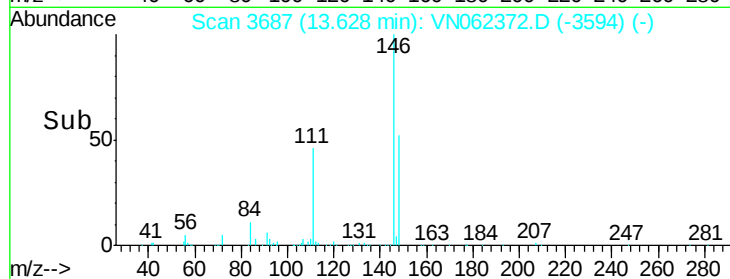
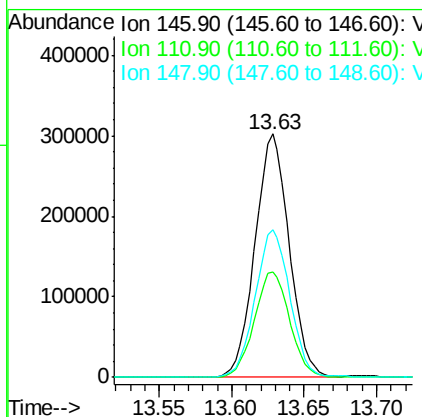
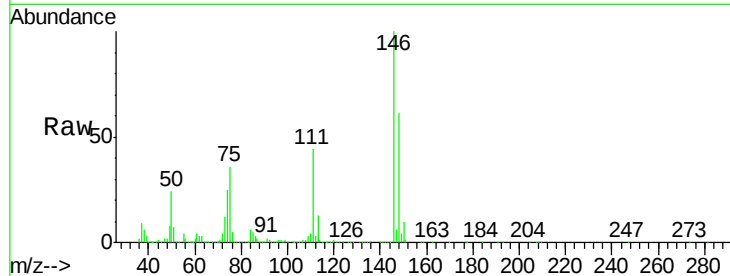
#91
 1,2-Dichlorobenzene
 Concen: 21.113 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062372.D
 Acq: 6 Jul 2020 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0706WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.8	22.3	66.9
148	61.7	32.4	97.0

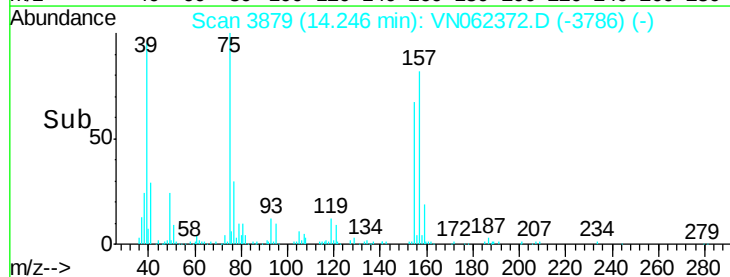
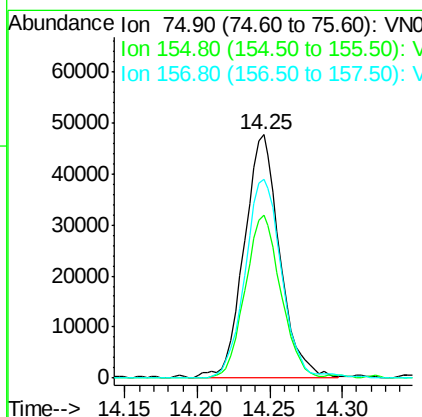
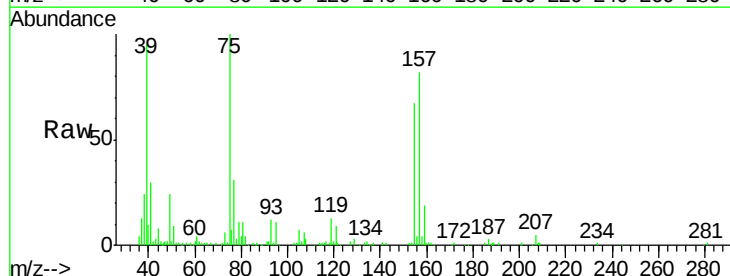
Manual Integrations
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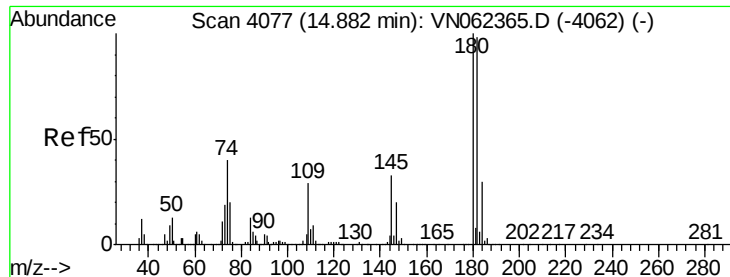
MMDadoda
 7/7/2020 10:08:07 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.641 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062372.D
 Acq: 6 Jul 2020 19:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	66.7	34.1	102.2
157	83.5	43.3	129.8





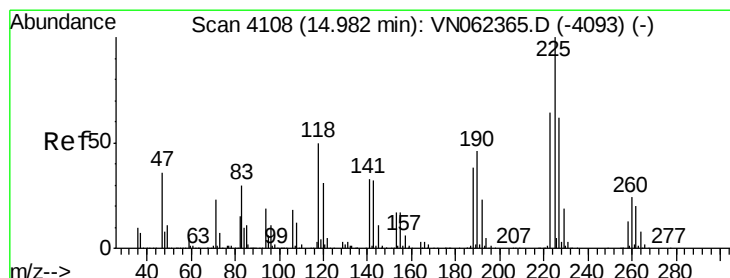
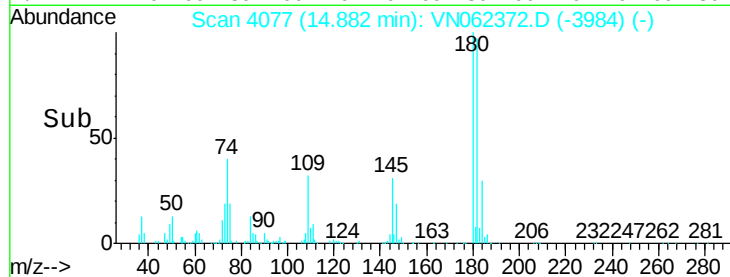
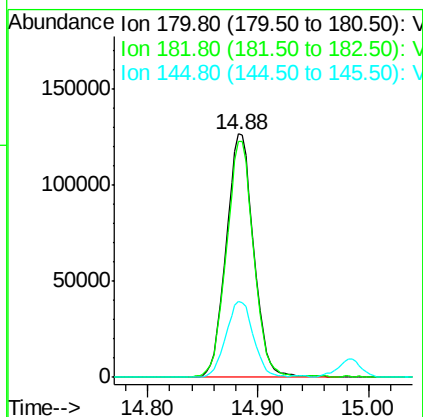
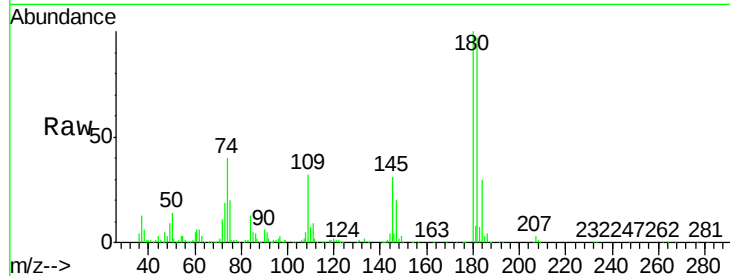
#93
 1,2,4-Trichlorobenzene
 Concen: 19.167 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062372.D
 Acq: 6 Jul 2020 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0706WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	217877		
182	96.1	47.6	142.8	
145	31.3	15.9	47.7	

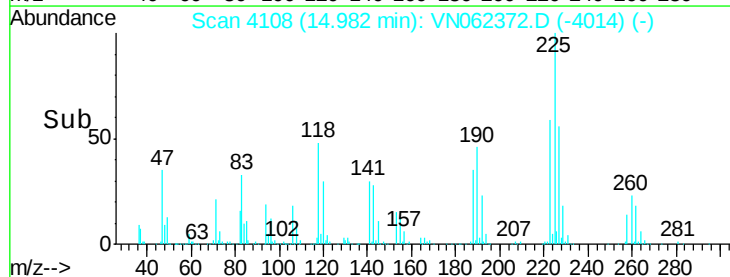
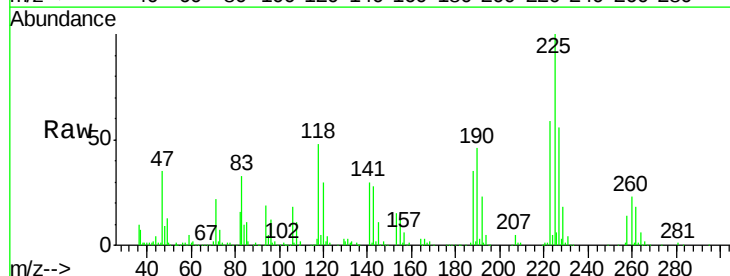
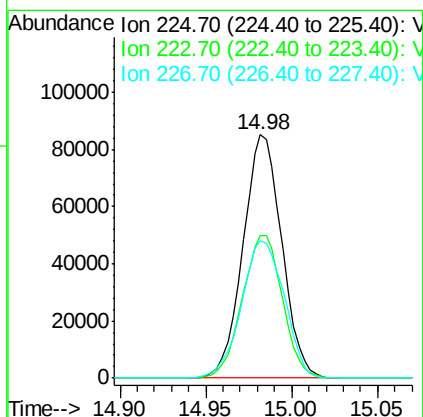
Manual Integrations
 APPROVED

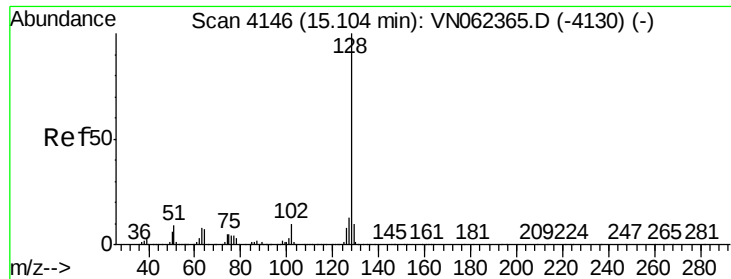
MMDadoda
 7/7/2020 10:08:07 AM



#94
 Hexachlorobutadiene
 Concen: 20.666 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062372.D
 Acq: 6 Jul 2020 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	133154		
223	60.7	31.7	95.1	
227	62.2	30.3	90.8	





#95

Naphthalene

Concen: 18.642 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062372.D

Acq: 6 Jul 2020 19:07

Instrument :

MSVOA_N

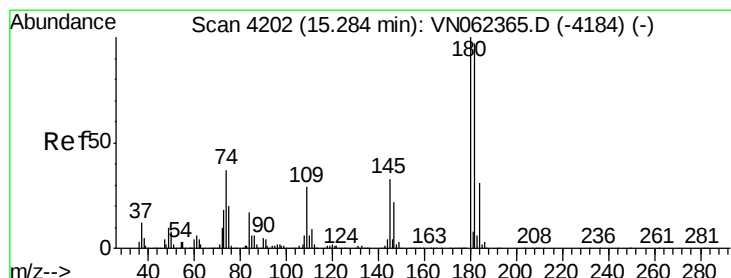
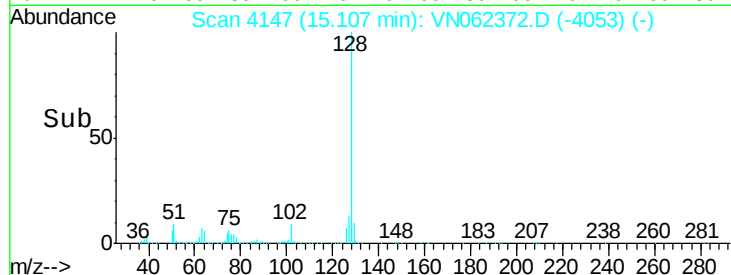
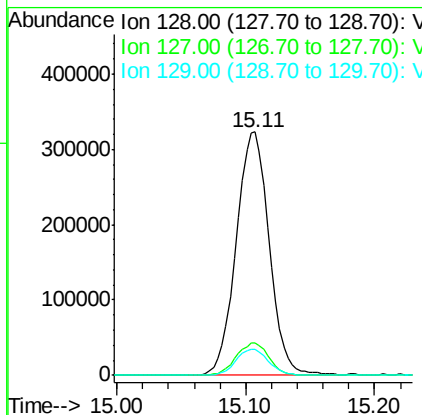
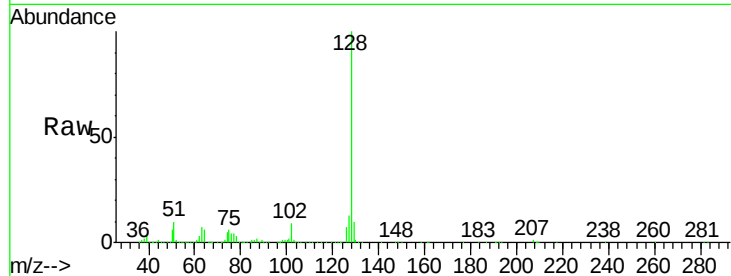
ClientSampleId :

VN0706WBS01

Tot Ion:	128	Resp:	576337
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.8	16.2
129	10.7	8.6	12.8

Manual Integrations
APPROVED

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7/7/2020 10:08:07 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.824 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062372.D

Acq: 6 Jul 2020 19:07

Tgt Ion:	180	Resp:	224922
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.9	143.7
145	33.9	16.4	49.2

