

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071020\
 Data File : VN062492.D
 Acq On : 10 Jul 2020 14:43
 Operator : JC/MD
 Sample : VN0710WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0710WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/13/2020 11:19:15 AM

Quant Time: Jul 13 01:45:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	195929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	336130	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	307433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	134138	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	154512	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
35) Dibromofluoromethane	7.55	113	108880	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
50) Toluene-d8	10.06	98	426535	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
62) 4-Bromofluorobenzene	12.38	95	153336	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	35482	17.779	ug/l	94
3) Chloromethane	2.03	50	55196	17.237	ug/l	99
4) Vinyl Chloride	2.16	62	48750	18.582	ug/l	98
5) Bromomethane	2.53	94	23438	16.634	ug/l	94
6) Chloroethane	2.67	64	29773	19.484	ug/l	99
7) Trichlorofluoromethane	2.98	101	63379	19.021	ug/l	98
8) Diethyl Ether	3.37	74	29250	19.632	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	38571	19.528	ug/l	99
10) Methyl Iodide	3.91	142	44530	17.074	ug/l	99
11) Tert butyl alcohol	4.73	59	48500	97.017	ug/l	99
12) 1,1-Dichloroethene	3.70	96	37934	18.863	ug/l	94
13) Acrolein	3.57	56	33118	91.835	ug/l	98
14) Allyl chloride	4.28	41	85761	18.133	ug/l	98
15) Acrylonitrile	4.93	53	131858	100.571	ug/l	98
16) Acetone	3.78	43	102818	80.361	ug/l	98
17) Carbon Disulfide	4.01	76	108830	17.270	ug/l	100
18) Methyl Acetate	4.28	43	62088	19.445	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	147654	19.366	ug/l	99
20) Methylene Chloride	4.50	84	49829	18.215	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	42009	19.282	ug/l	96
22) Diisopropyl ether	5.91	45	181809	19.457	ug/l	98
23) Vinyl Acetate	5.84	43	742003	95.858	ug/l	100
24) 1,1-Dichloroethane	5.80	63	92800	19.219	ug/l	99
25) 2-Butanone	6.79	43	174693	93.490	ug/l	97
26) 2,2-Dichloropropane	6.78	77	68779	18.577	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	49966	19.801	ug/l	96
28) Bromochloromethane	7.15	49	49907	19.024	ug/l	99
29) Tetrahydrofuran	7.17	42	119830	95.253	ug/l	98
30) Chloroform	7.33	83	86877	19.927	ug/l	99
31) Cyclohexane	7.61	56	80374	17.558	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	70397	19.412	ug/l	98
36) 1,1-Dichloropropene	7.75	75	61937	18.290	ug/l	98
37) Ethyl Acetate	6.88	43	74703	18.865	ug/l	99
38) Carbon Tetrachloride	7.73	117	57723	18.959	ug/l	100

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MMDadoda
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Quant Time: Jul 13 01:45:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	66142	18.295	ug/l	97
40) Benzene	8.00	78	192181	19.255	ug/l	99
41) Methacrylonitrile	7.13	41	37734	22.808	ug/l	89
42) 1,2-Dichloroethane	8.09	62	73716	20.171	ug/l	100
43) Isopropyl Acetate	8.13	43	121202	19.375	ug/l	94
44) Trichloroethene	8.80	130	43355	19.578	ug/l	98
45) 1,2-Dichloropropane	9.09	63	57278	19.769	ug/l	99
46) Dibromomethane	9.18	93	32527	19.894	ug/l	98
47) Bromodichloromethane	9.37	83	68743	19.665	ug/l	99
48) Methyl methacrylate	9.17	41	57140	18.622	ug/l	98
49) 1,4-Dioxane	9.17	88	17149	383.971	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	375221	100.427	ug/l	100
52) Toluene	10.12	92	113561	19.698	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	76109	19.434	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	82436	19.078	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	45964	20.272	ug/l	97
56) Ethyl methacrylate	10.40	69	75404	19.164	ug/l	96
57) 1,3-Dichloropropane	10.68	76	84774	20.238	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	127800	95.008	ug/l	97
59) 2-Hexanone	10.72	43	265697	97.956	ug/l	98
60) Dibromochloromethane	10.87	129	50528	20.553	ug/l	100
61) 1,2-Dibromoethane	10.98	107	47006	20.537	ug/l	97
64) Tetrachloroethene	10.60	164	34843	19.099	ug/l	99
65) Chlorobenzene	11.41	112	117055	19.591	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	44705	20.289	ug/l	100
67) Ethyl Benzene	11.48	91	214592	19.133	ug/l	99
68) m/p-Xylenes	11.60	106	157151	39.580	ug/l	97
69) o-Xylene	11.92	106	76044	19.671	ug/l	100
70) Styrene	11.94	104	126217	19.755	ug/l	99
71) Bromoform	12.10	173	33451	20.709	ug/l #	98
73) Isopropylbenzene	12.22	105	202649	19.523	ug/l	100
74) N-amyl acetate	12.05	43	101255	20.042	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	71965	20.620	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	67114m	20.391	ug/l	
77) Bromobenzene	12.50	156	46721	19.799	ug/l	98
78) n-propylbenzene	12.57	91	233022	19.219	ug/l	100
79) 2-Chlorotoluene	12.65	91	143193	19.459	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	170512	20.039	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	23431	19.055	ug/l	98
82) 4-Chlorotoluene	12.75	91	146966	19.672	ug/l	100
83) tert-Butylbenzene	12.97	119	139199	19.277	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	166515	19.687	ug/l	99
85) sec-Butylbenzene	13.15	105	188986	19.750	ug/l	100
86) p-Isopropyltoluene	13.26	119	164368	19.902	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	80220	19.706	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	80870	19.306	ug/l	98
89) n-Butylbenzene	13.59	91	133028	18.243	ug/l	99
90) Hexachloroethane	13.85	117	30990	19.076	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	79502	20.198	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	12524	19.664	ug/l	99

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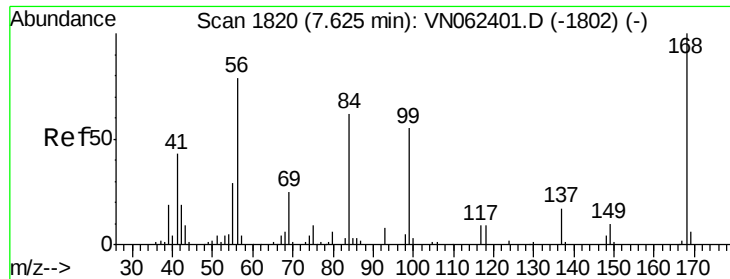
Manual Integrations
APPROVED

MMDadoda
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	34544	18.609	ug/l	99
94) Hexachlorobutadiene	14.99	225	20450	19.568	ug/l	100
95) Naphthalene	15.10	128	92116	19.355	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	36408	19.292	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: VN062492.D

Acq: 10 Jul 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

VN0710WBS01

Tot Ion:168 Resp: 195929

Ion Ratio Lower Upper

168 100

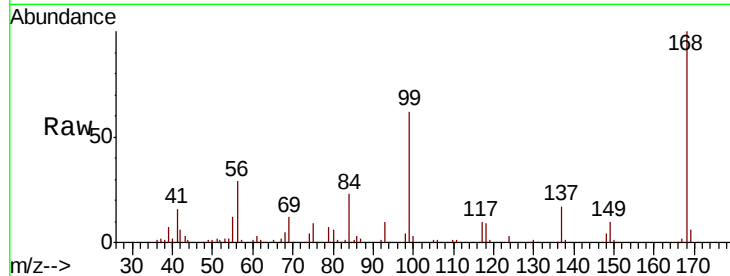
99 61.5 48.8 73.2

Manual Integrations

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7/13/2020 11:19:15 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

60000

40000

20000

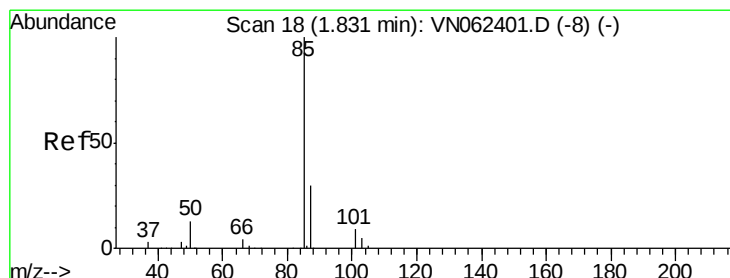
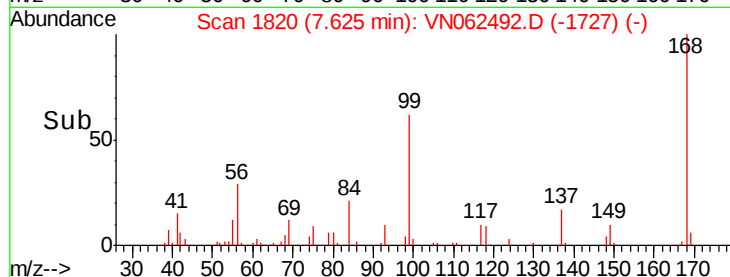
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 17.779 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062492.D

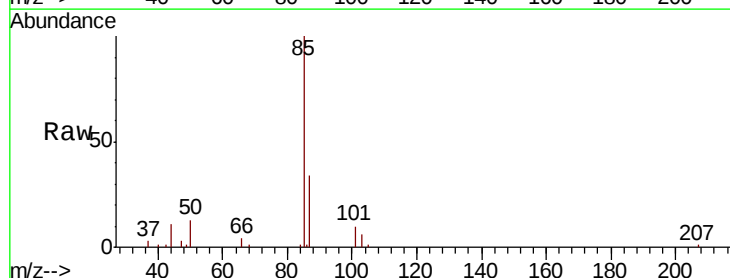
Acq: 10 Jul 2020 14:43

Tgt Ion: 85 Resp: 35482

Ion Ratio Lower Upper

85 100

87 33.7 15.2 45.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

30000

25000

20000

15000

10000

5000

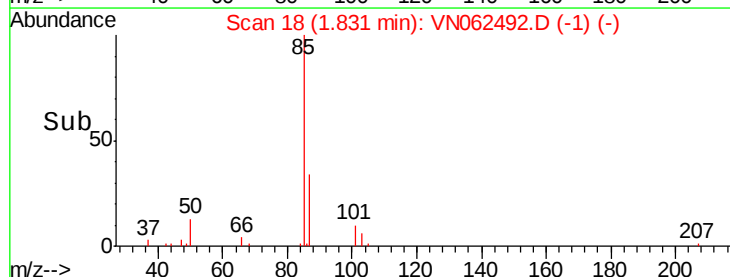
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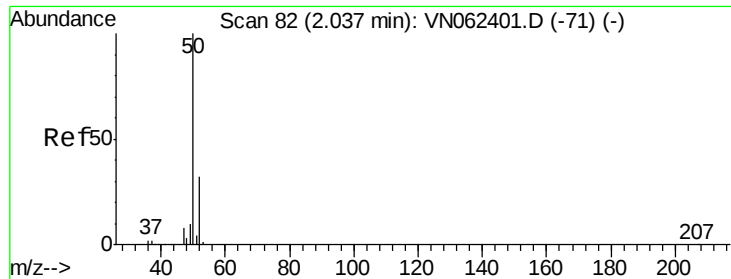
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 17.237 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

VN0710WBS01

Tot Ion: 50 Resp: 55196

Ion Ratio Lower Upper

50 100

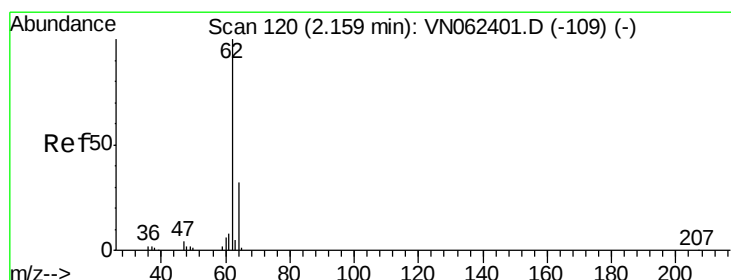
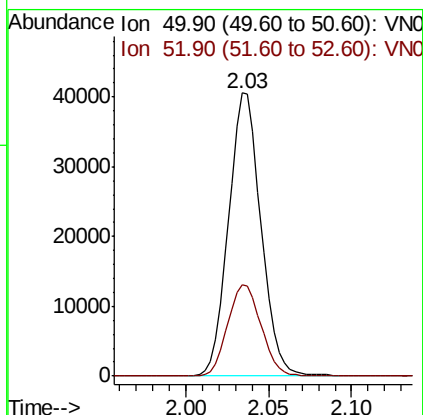
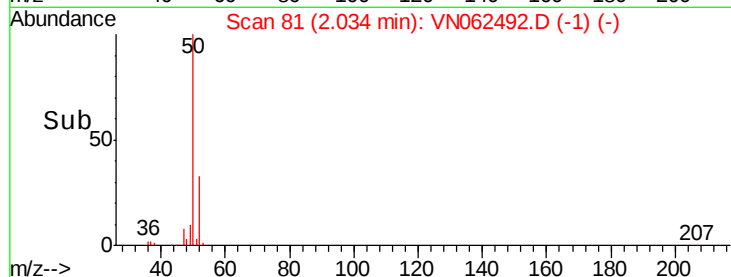
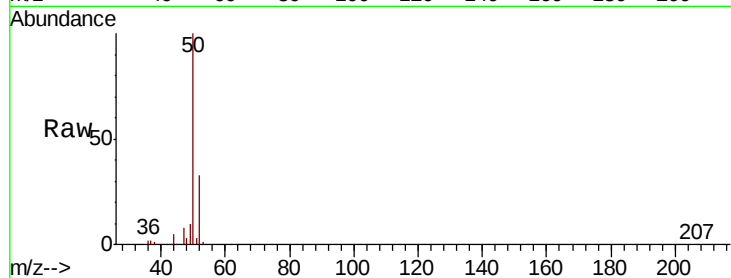
52 32.5 25.5 38.3

Manual Integrations

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7/13/2020 11:19:15 AM



#4

Vinyl Chloride

Concen: 18.582 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062492.D

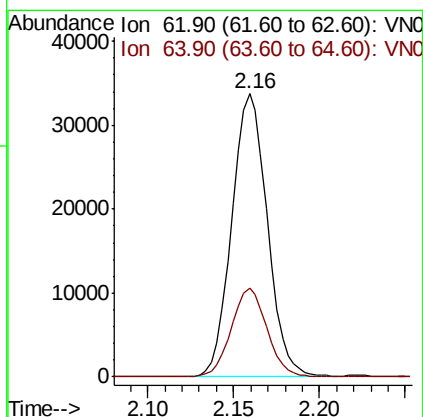
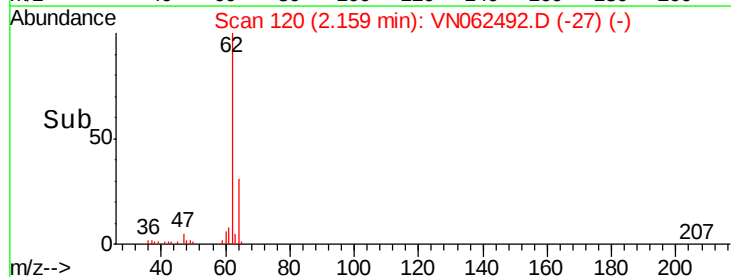
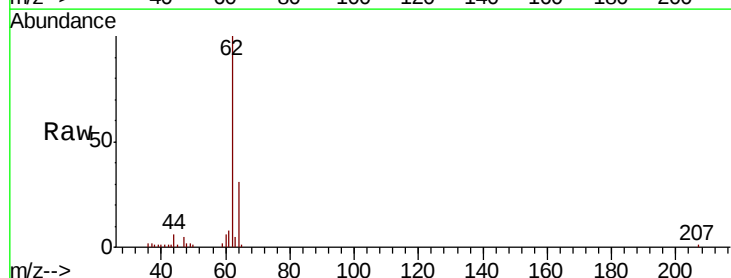
Acq: 10 Jul 2020 14:43

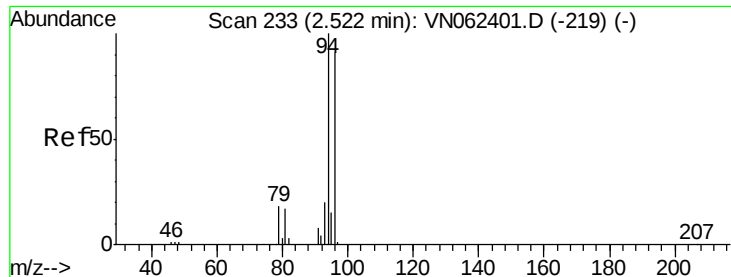
Tgt Ion: 62 Resp: 48750

Ion Ratio Lower Upper

62 100

64 31.2 25.7 38.5





#5

Bromomethane

Concen: 16.634 ug/l

RT: 2.53 min Scan# 234

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

VN0710WBS01

Tot Ion: 94 Resp: 23438

Ion Ratio Lower Upper

94 100

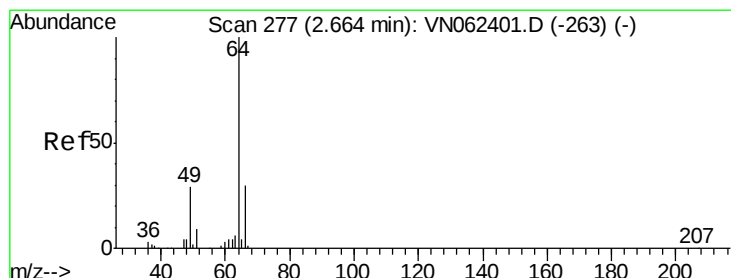
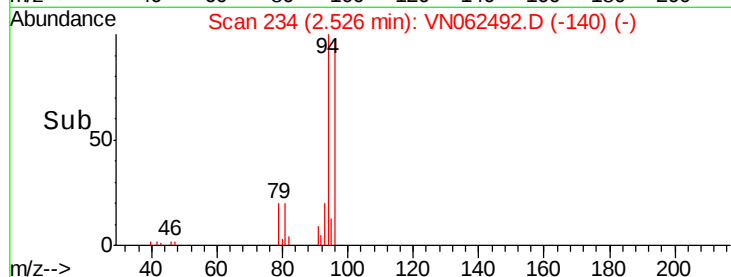
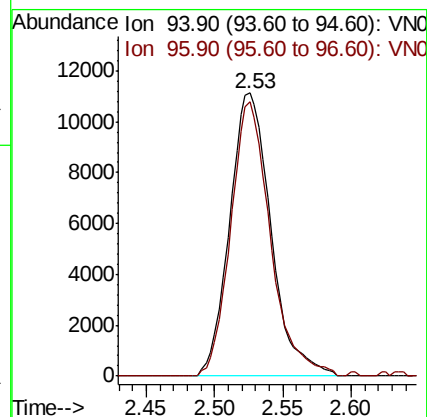
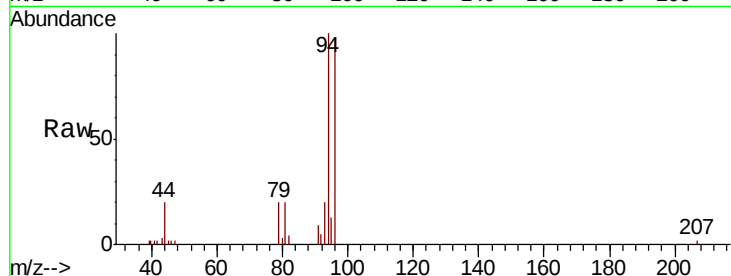
96 97.1 73.2 109.8

Manual Integrations

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#6

Chloroethane

Concen: 19.484 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062492.D

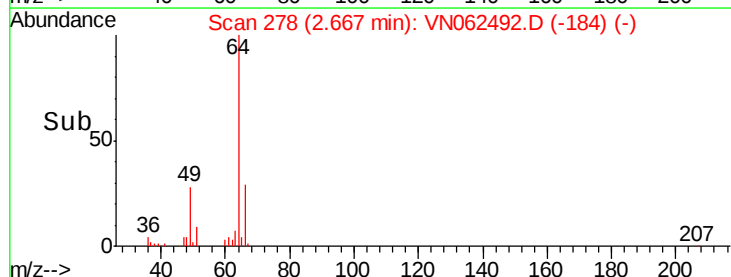
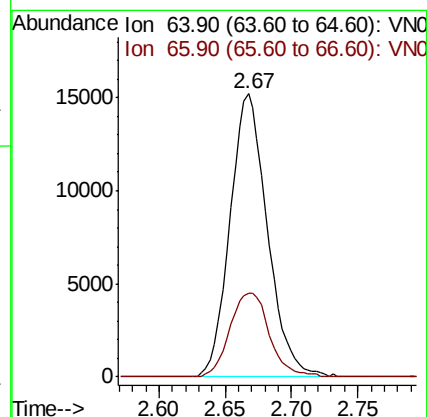
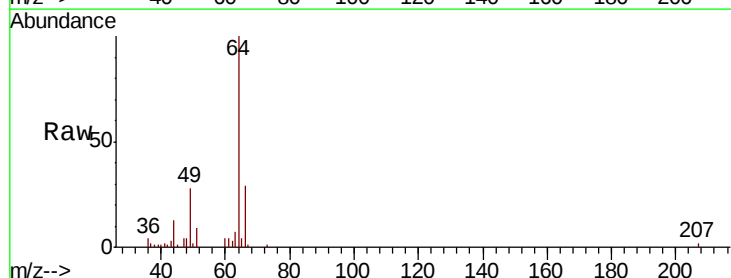
Acq: 10 Jul 2020 14:43

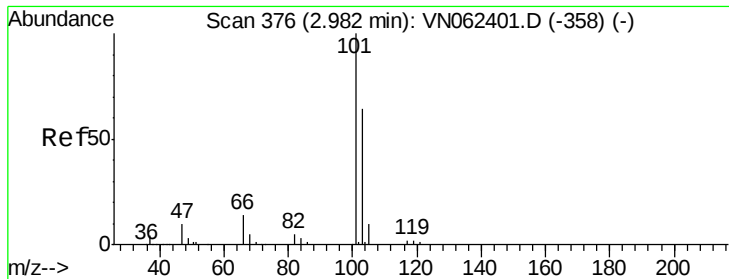
Tgt Ion: 64 Resp: 29773

Ion Ratio Lower Upper

64 100

66 29.4 24.2 36.2





#7

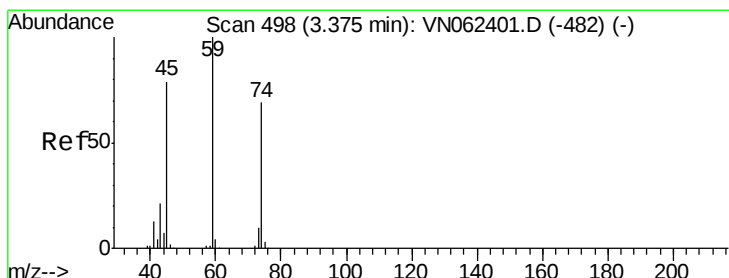
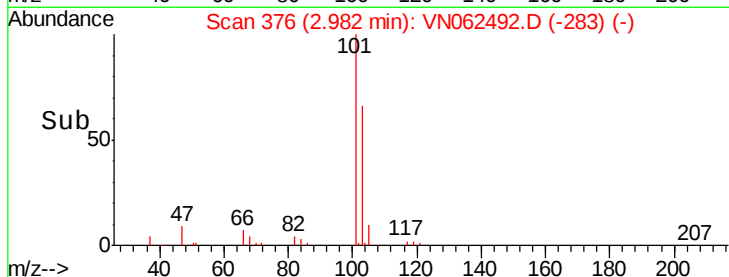
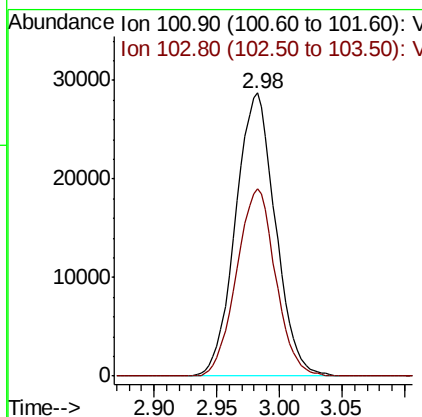
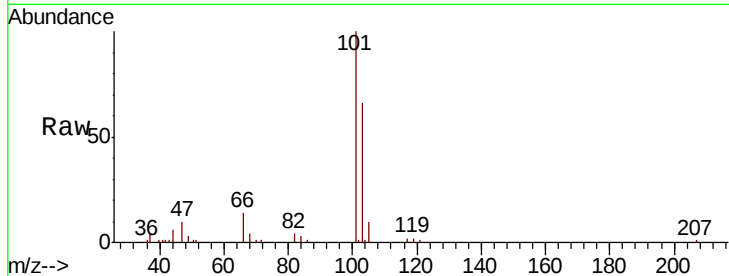
Trichlorofluoromethane
 Concen: 19.021 ug/l
 RT: 2.98 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VN062492.D
 Acq: 10 Jul 2020 14:43

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 ClientSampleId :
 VN0710WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.1	51.6	77.4

Manual Integrations
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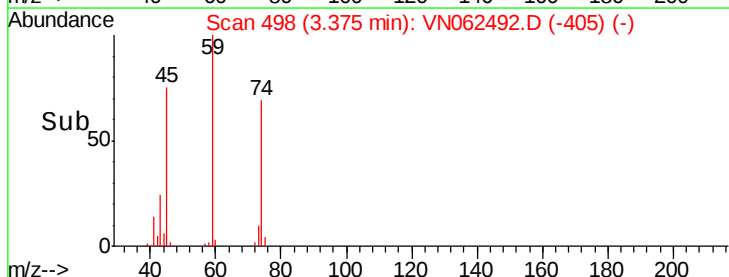
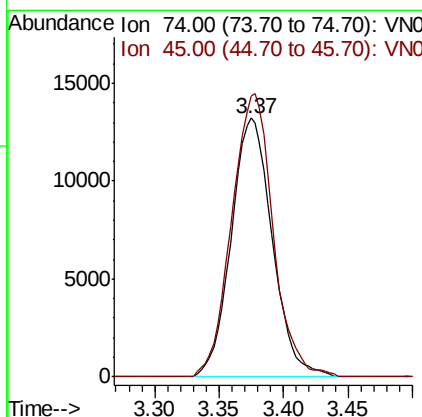
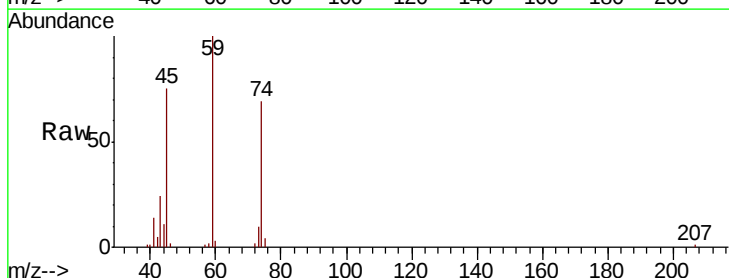
MMDadoda
 7/13/2020 11:19:15 AM

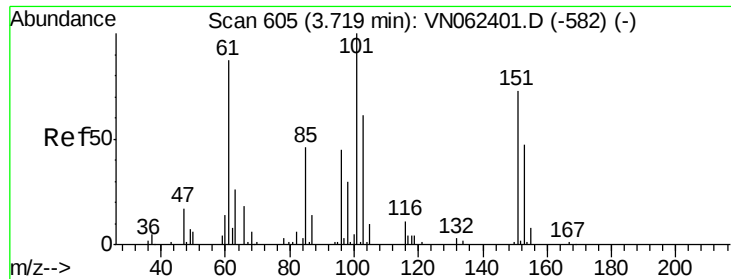


#8

Diethyl Ether
 Concen: 19.632 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062492.D
 Acq: 10 Jul 2020 14:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.3	58.5	175.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.528 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Instrument :

MSVOA_N

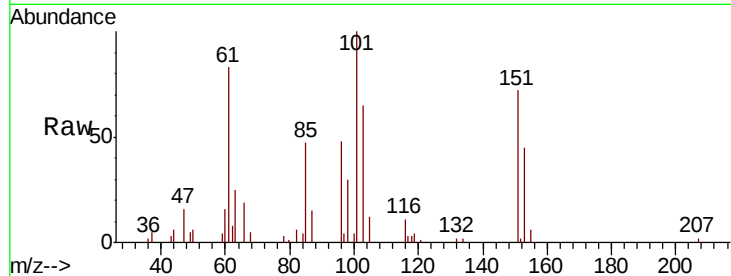
ClientSampleId :

VN0710WBS01

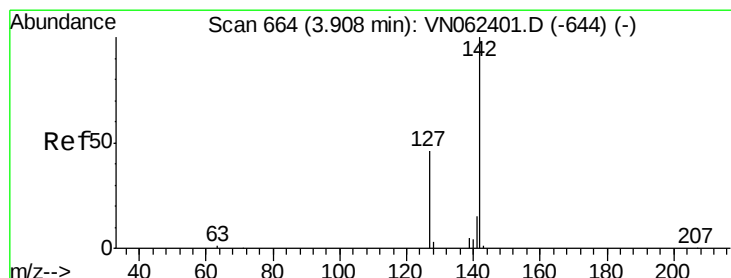
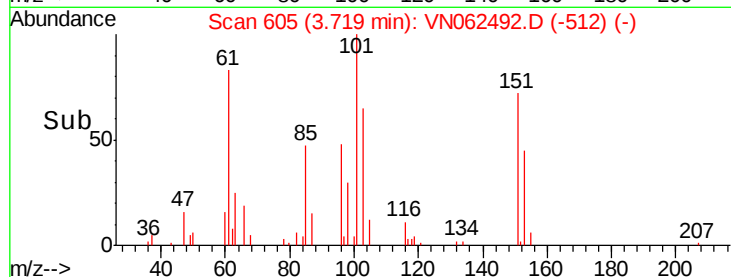
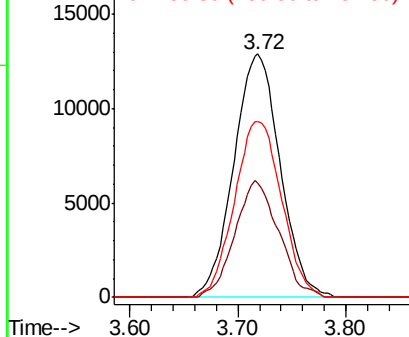
Tot Ion:	101	Resp:	38571
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.7	55.1
151	73.1	58.3	87.5

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



#10

Methyl Iodide

Concen: 17.074 ug/l

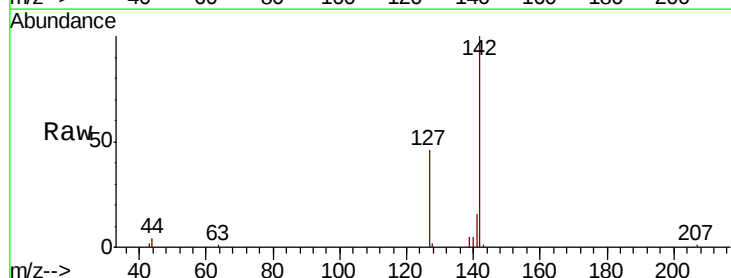
RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

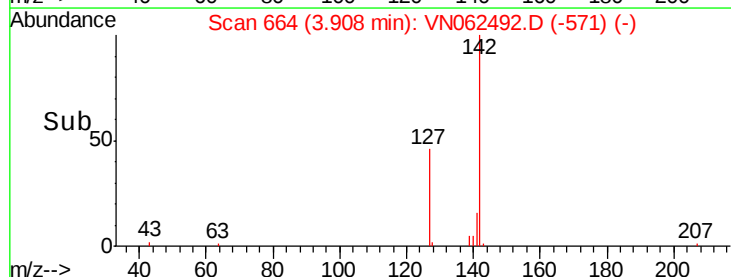
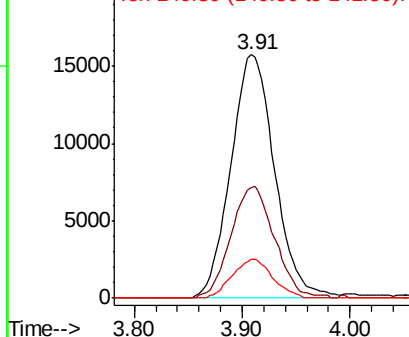
Lab File: VN062492.D

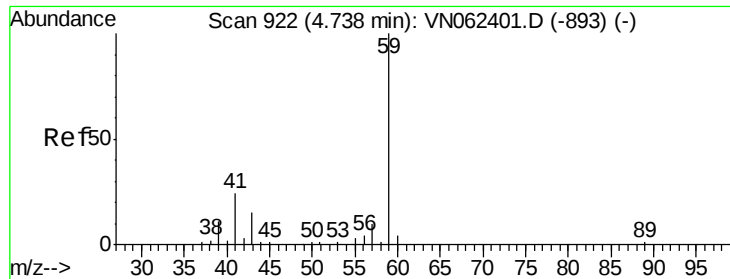
Acq: 10 Jul 2020 14:43

Tgt Ion:	142	Resp:	44530
Ion Ratio	Lower	Upper	
142	100		
127	45.3	36.1	54.1
141	14.7	11.4	17.0



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





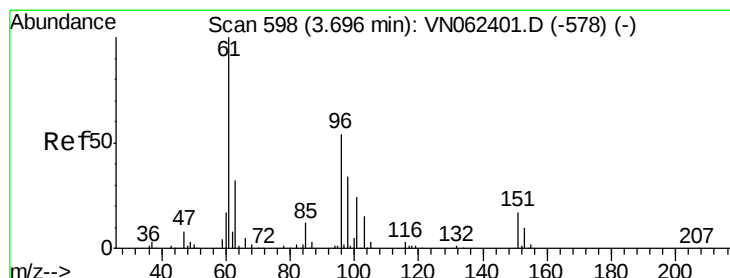
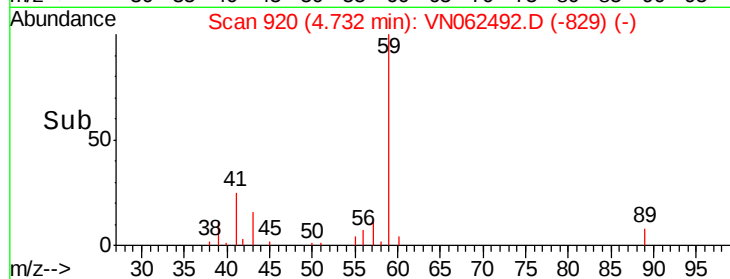
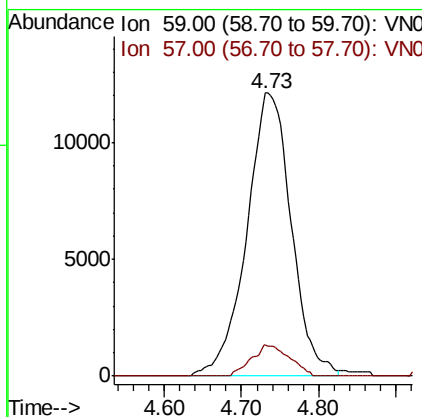
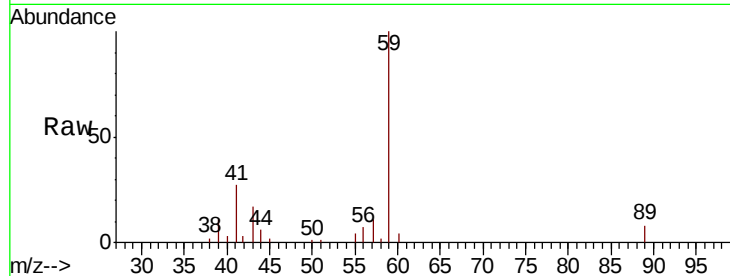
#11
Tert butyl alcohol
Concen: 97.017 ug/l
RT: 4.73 min Scan# 920
Delta R.T. -0.01 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Instrument :
MSVOA_N
ClientSampled :
VN0710WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.4	7.8	11.6

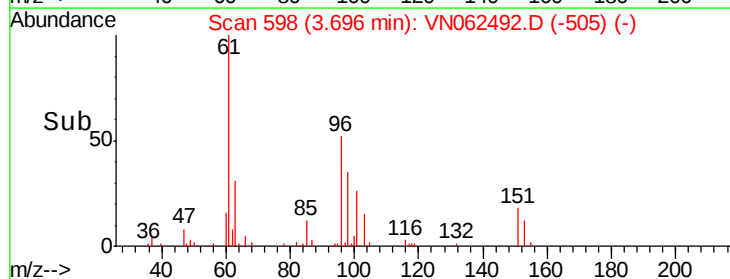
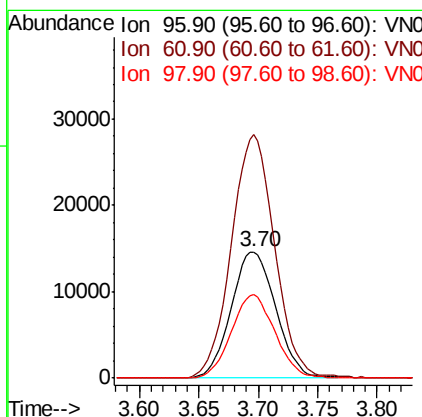
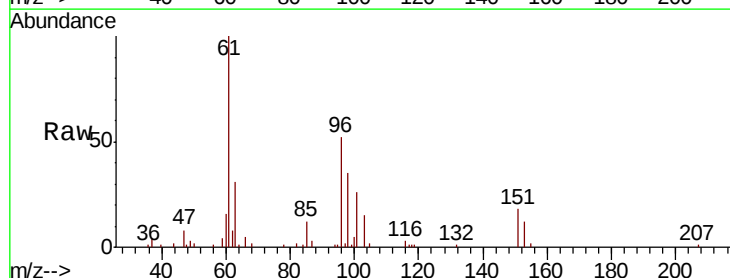
Manual Integrations
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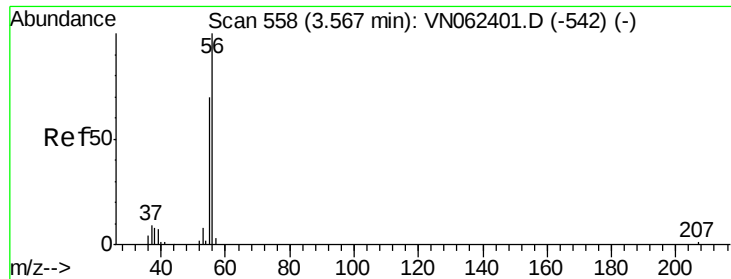
MMDadoda
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#12
1,1-Dichloroethene
Concen: 18.863 ug/l
RT: 3.70 min Scan# 598
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	192.7	147.4	221.0
98	66.5	50.4	75.6





#13

Acrolein

Concen: 91.835 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

VN0710WBS01

Tot Ion: 56 Resp: 33118

Ion Ratio Lower Upper

56 100

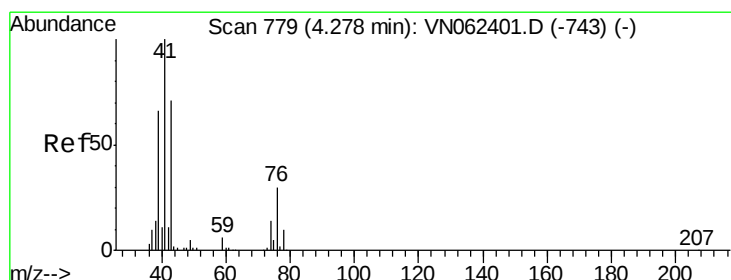
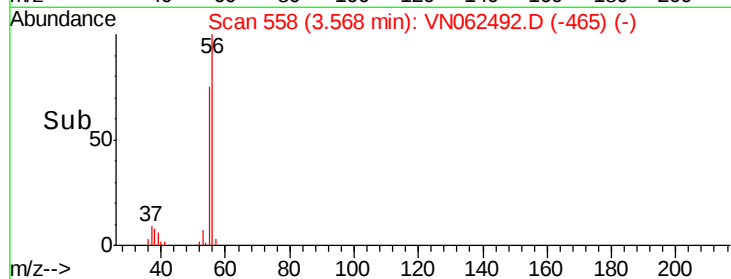
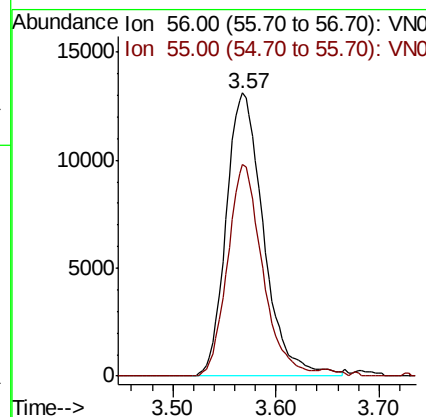
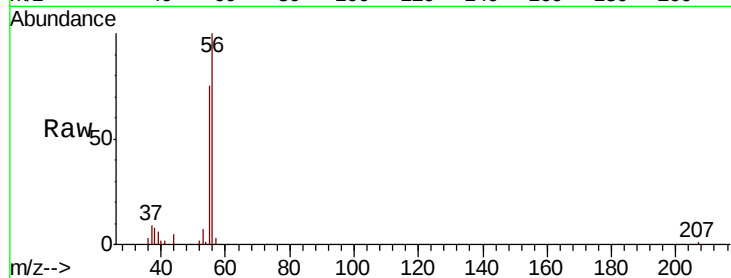
55 69.8 57.2 85.8

Manual Integrations

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#14

Allyl chloride

Concen: 18.133 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

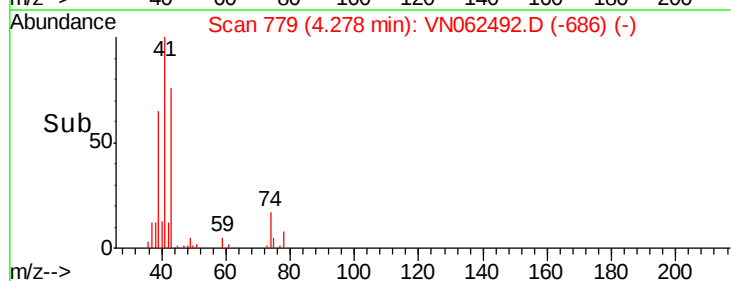
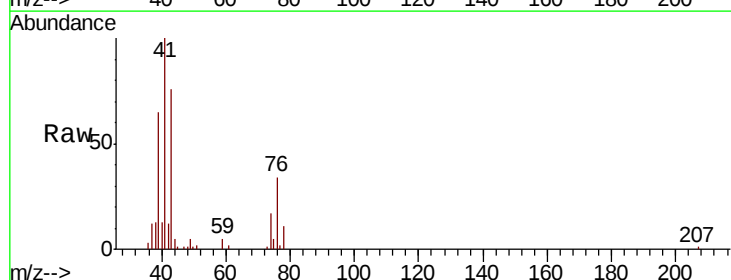
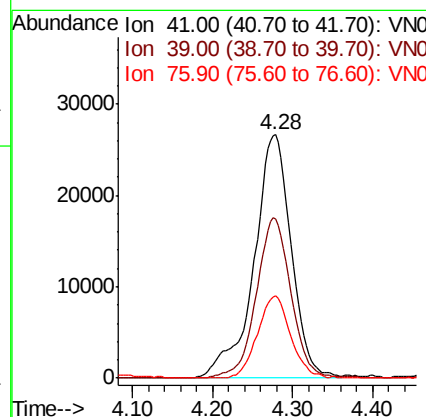
Tgt Ion: 41 Resp: 85761

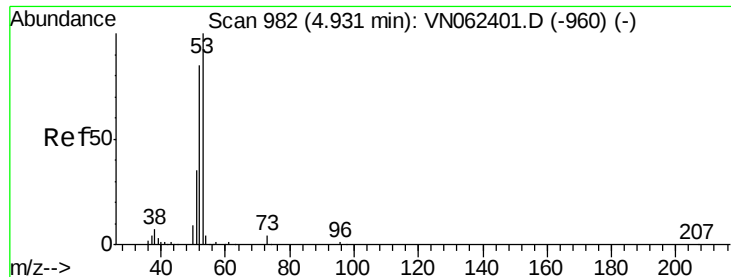
Ion Ratio Lower Upper

41 100

39 60.7 49.6 74.4

76 29.7 22.2 33.4





#15

Acrylonitrile

Concen: 100.571 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Instrument :

MSVOA_N

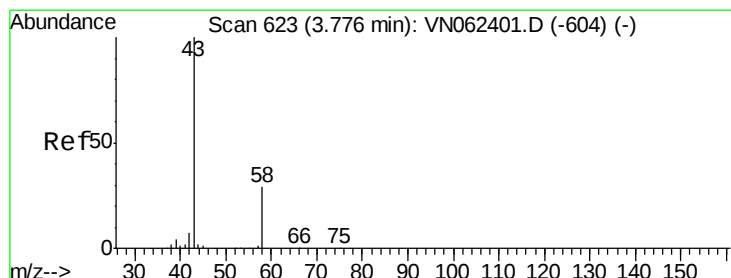
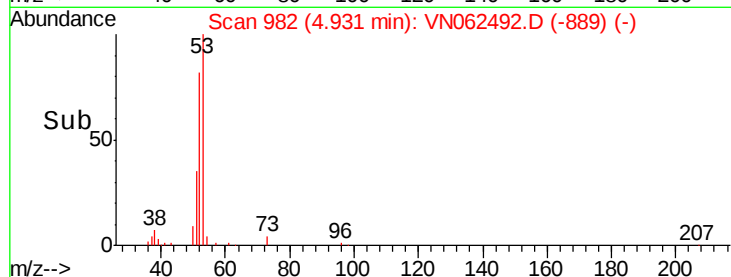
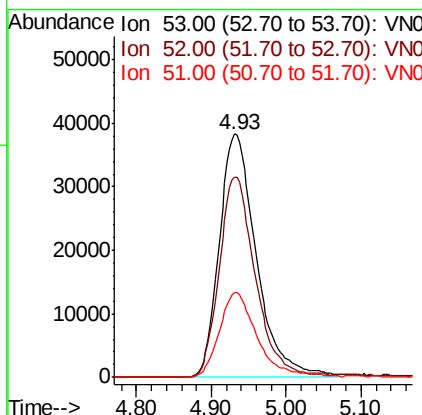
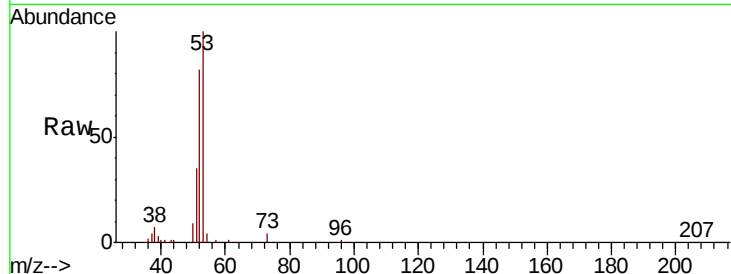
ClientSampleId :

VN0710WBS01

Tot Ion:	53	Resp:	131858
Ion Ratio	Lower	Upper	
53	100		
52	80.3	66.2	99.4
51	35.6	28.7	43.1

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#16

Acetone

Concen: 80.361 ug/l

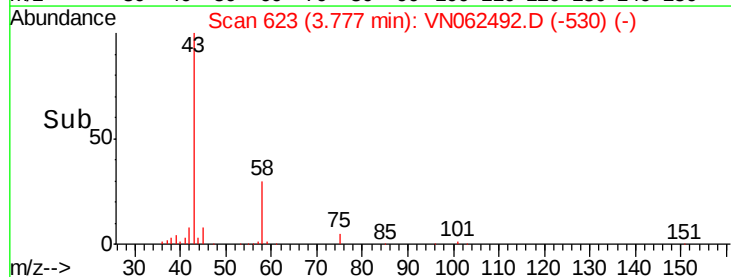
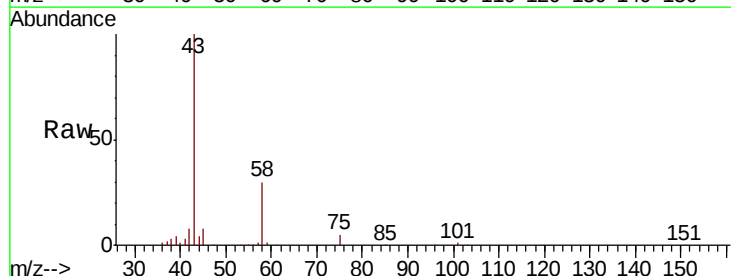
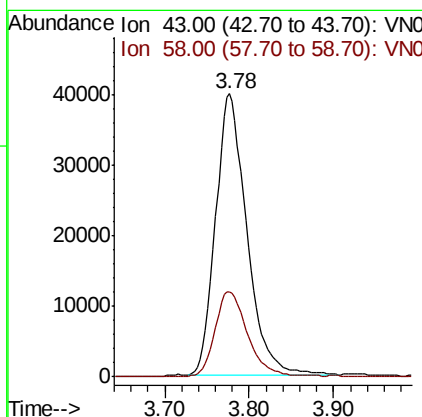
RT: 3.78 min Scan# 623

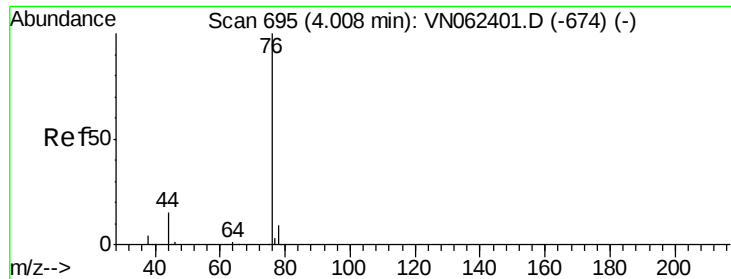
Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Tgt Ion:	43	Resp:	102818
Ion Ratio	Lower	Upper	
43	100		
58	30.2	23.5	35.3





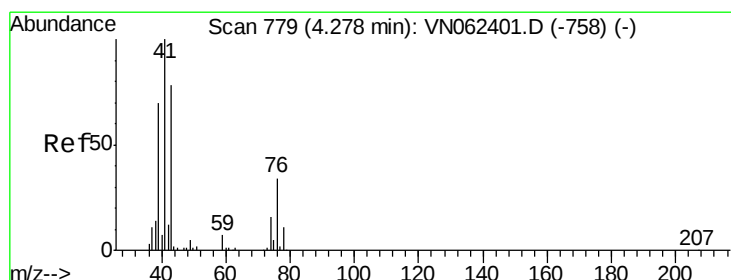
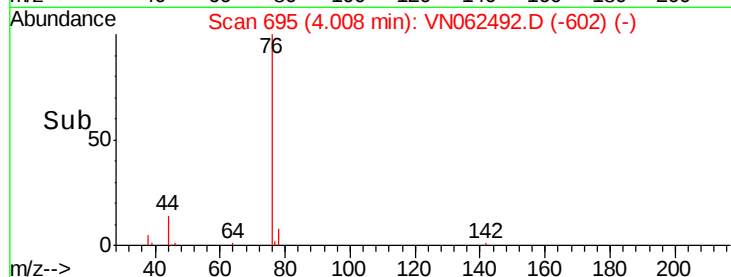
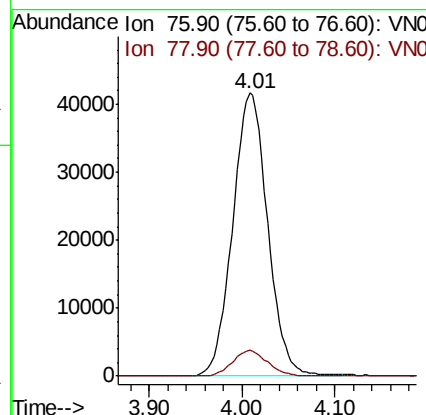
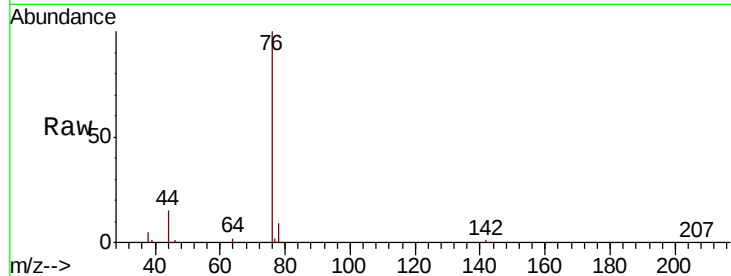
#17
Carbon Disulfide
Concen: 17.270 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9

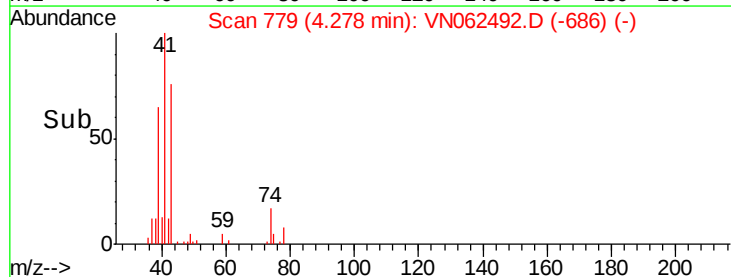
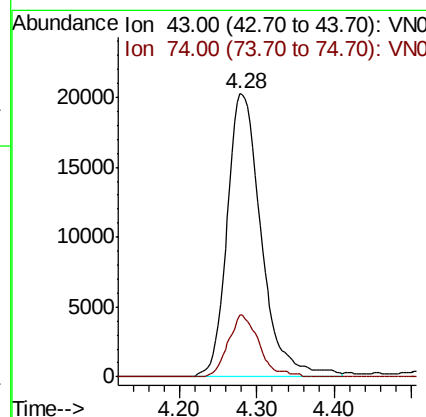
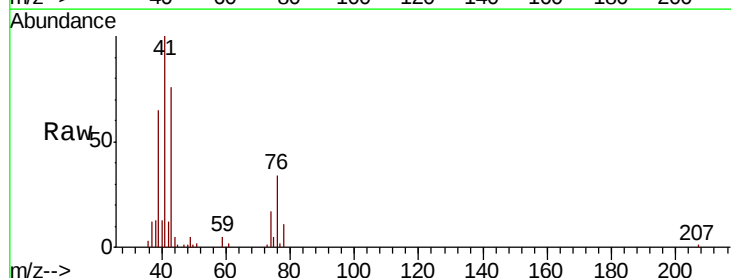
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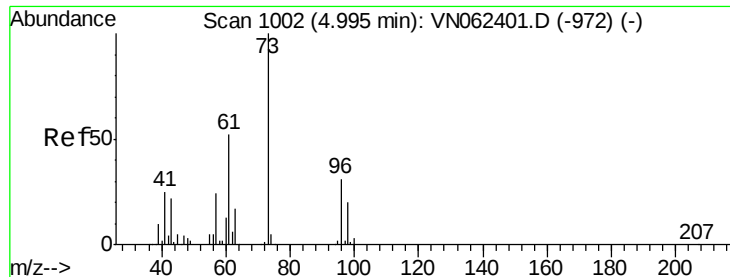
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#18
Methyl Acetate
Concen: 19.445 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.8	16.0	24.0





#19

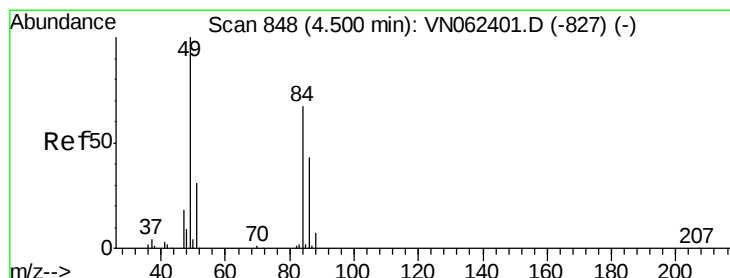
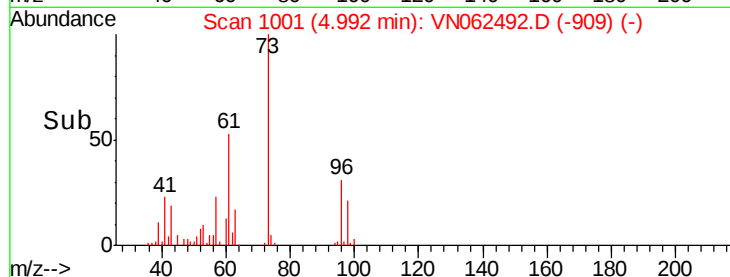
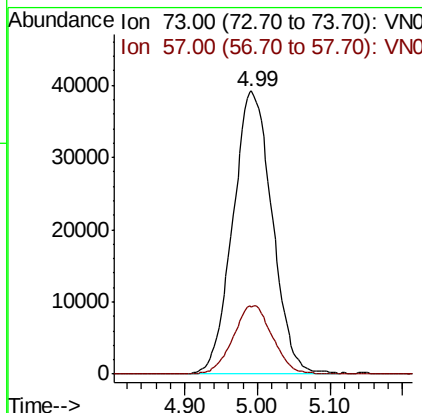
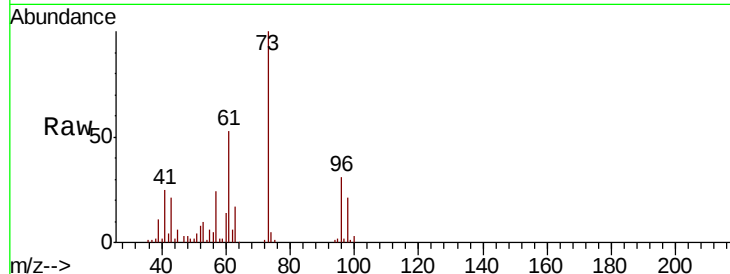
Methyl tert-butyl Ether
 Concen: 19.366 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VN062492.D
 Acq: 10 Jul 2020 14:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0710WBS01

Tot Ion: 73 Resp: 147654
 Ion Ratio Lower Upper
 73 100
 57 23.9 19.4 29.0

Manual Integrations
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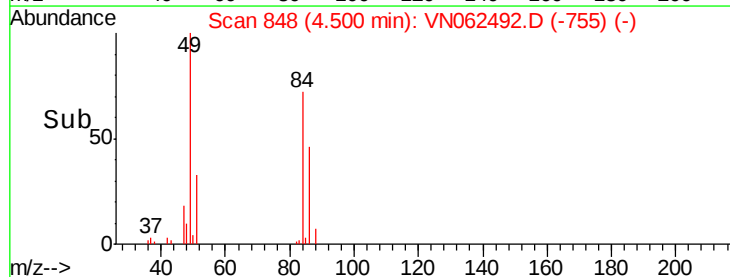
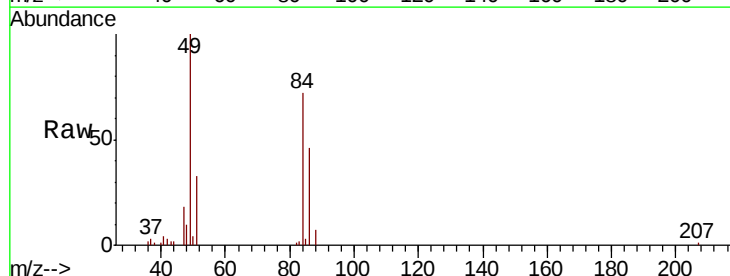
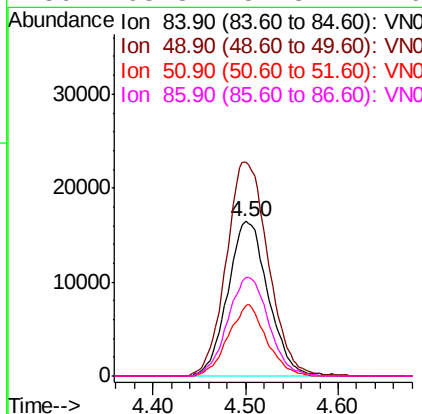
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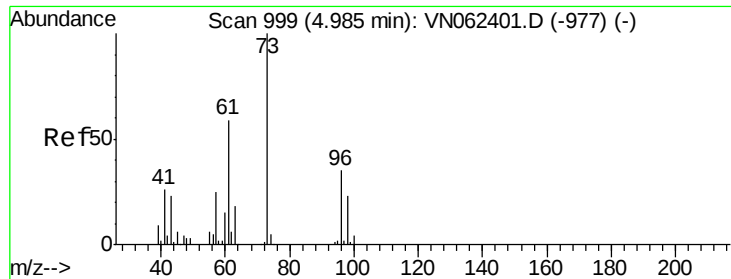


#20

Methylene Chloride
 Concen: 18.215 ug/l
 RT: 4.50 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: VN062492.D
 Acq: 10 Jul 2020 14:43

Tgt Ion: 84 Resp: 49829
 Ion Ratio Lower Upper
 84 100
 49 138.3 120.0 180.0
 51 45.3 37.0 55.6
 86 63.8 51.8 77.6





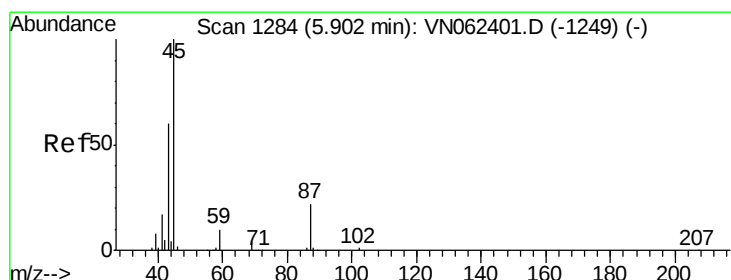
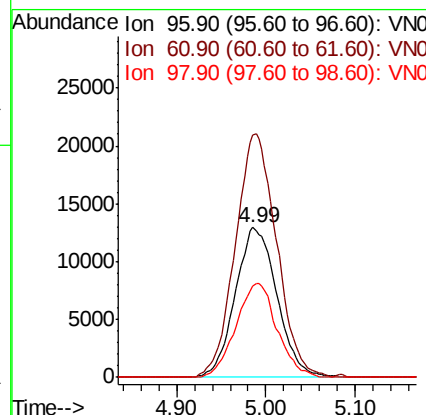
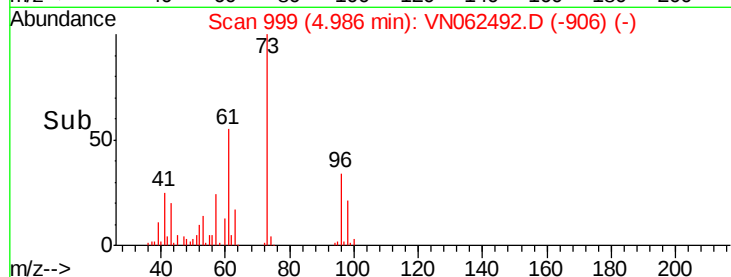
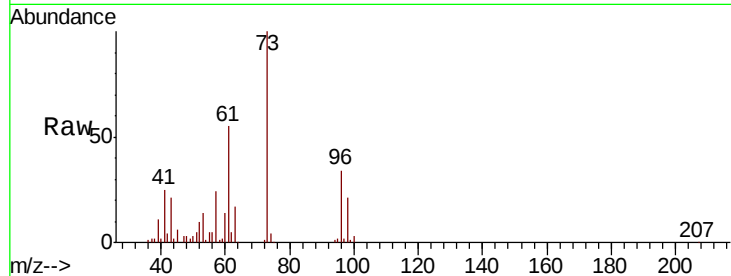
#21
trans-1,2-Dichloroethene
Concen: 19.282 ug/l
RT: 4.99 min Scan# 999
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Instrument :
MSVOA_N
ClientSampled :
VN0710WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	161.5	133.5	200.3
98	60.5	51.9	77.9

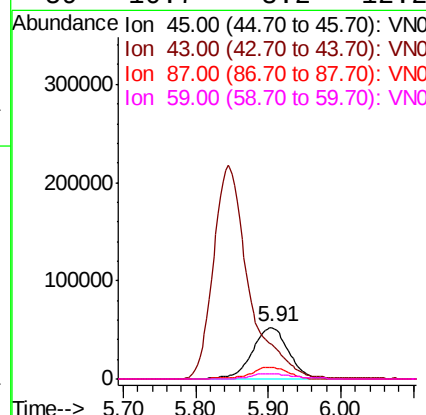
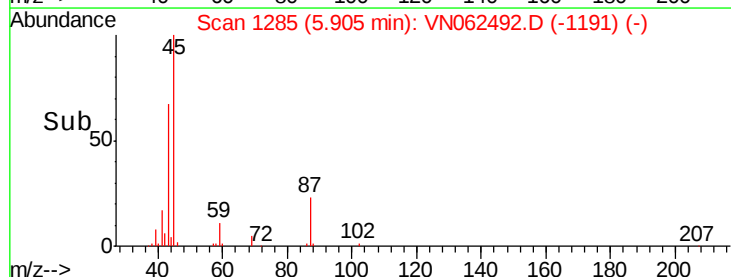
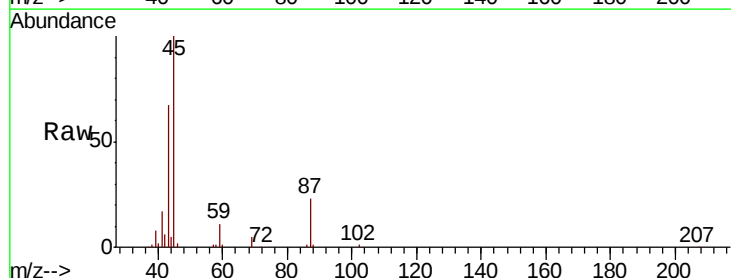
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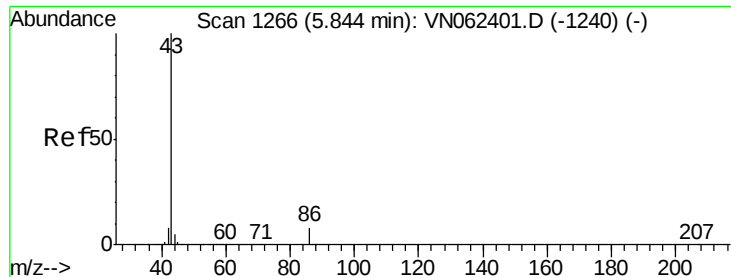
MMDadoda
7/13/2020 11:19:15 AM



#22
Diisopropyl ether
Concen: 19.457 ug/l
RT: 5.91 min Scan# 1285
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Tgt Ion	Ratio	Lower	Upper
45	100		
43	64.7	50.1	75.1
87	23.1	18.2	27.4
59	10.7	8.2	12.2





#23

Vinyl Acetate

Concen: 95.858 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Instrument :

MSVOA_N

ClientSampleID :

VN0710WBS01

Tot Ion: 43 Resp: 742003

Ion Ratio Lower Upper

43 100

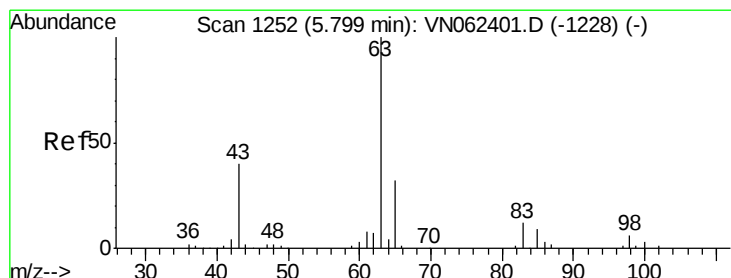
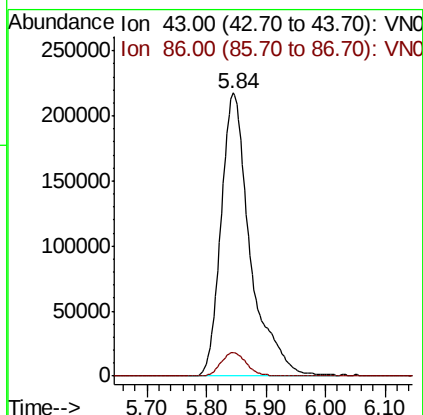
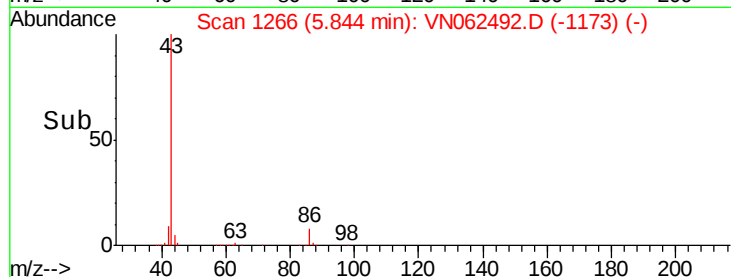
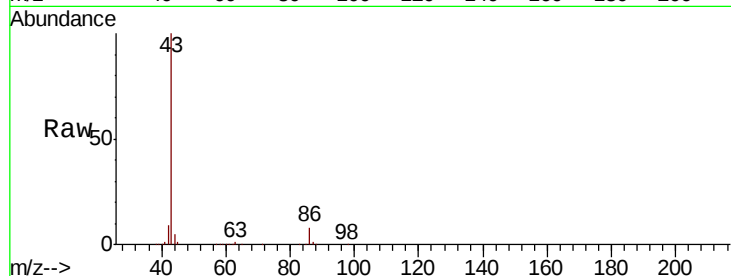
86 8.5 6.7 10.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.219 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

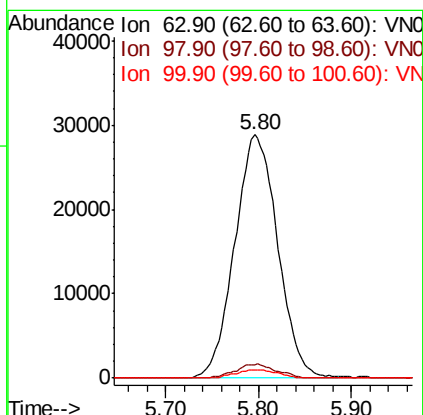
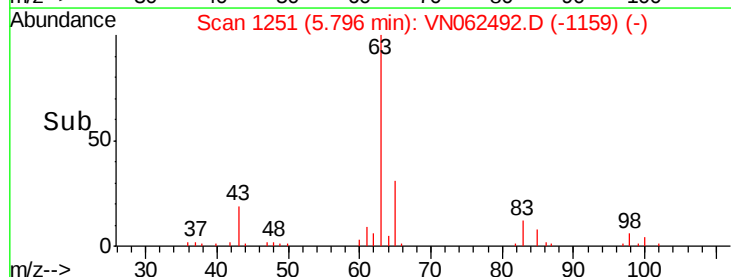
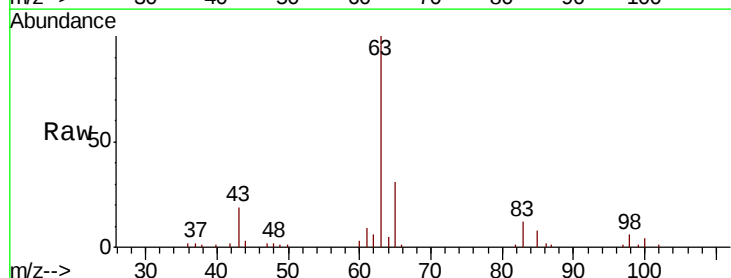
Tgt Ion: 63 Resp: 92800

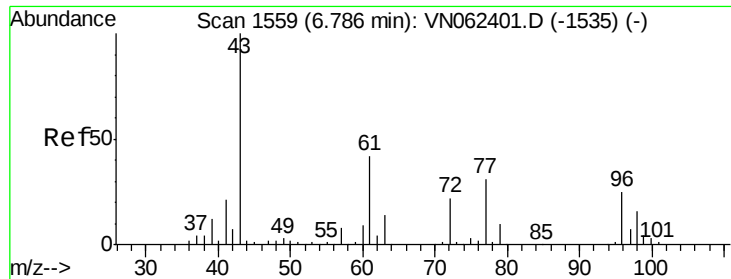
Ion Ratio Lower Upper

63 100

98 5.7 2.9 8.8

100 3.6 1.8 5.3





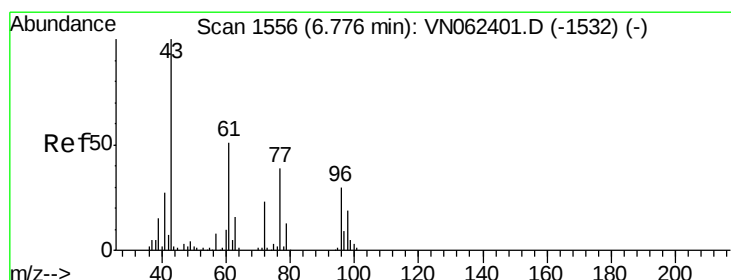
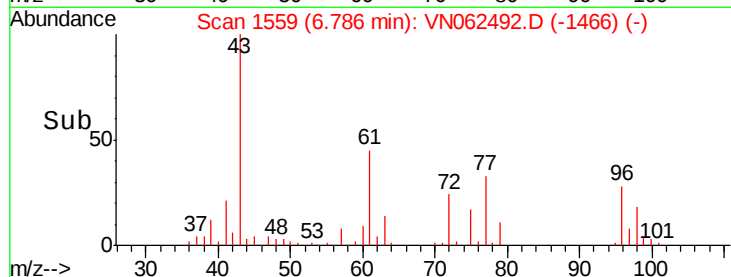
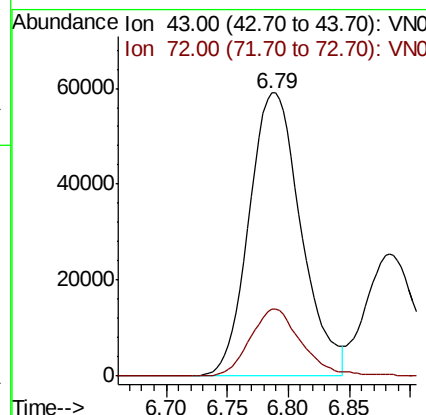
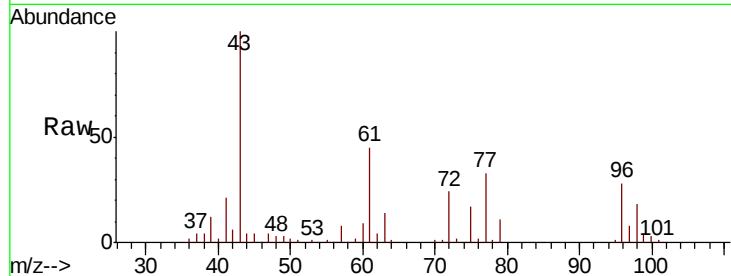
#25
2-Butanone
Concen: 93.490 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01

Tot Ion: 43 Resp: 174693
Ion Ratio Lower Upper
43 100
72 23.8 17.9 26.9

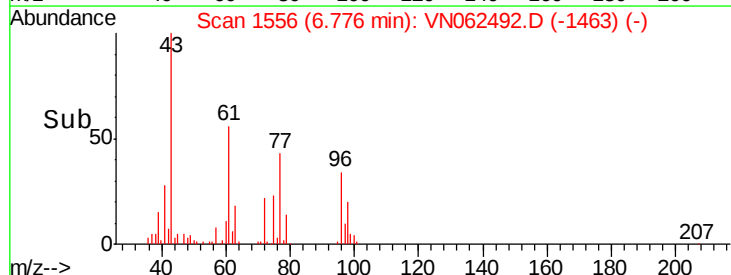
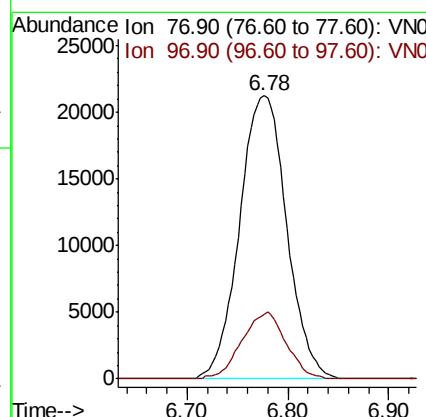
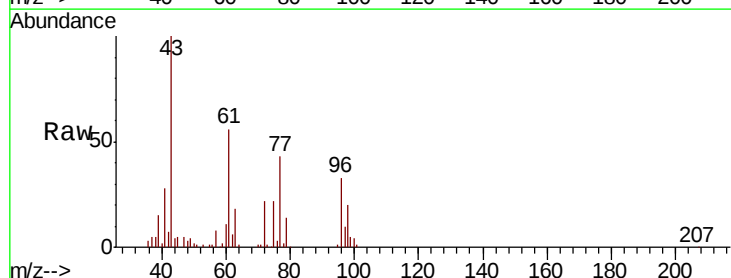
Manual Integrations
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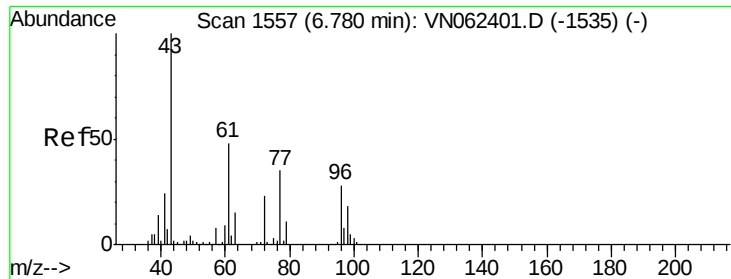
MMDadoda
7/13/2020 11:19:15 AM



#26
2,2-Dichloropropane
Concen: 18.577 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Tgt Ion: 77 Resp: 68779
Ion Ratio Lower Upper
77 100
97 22.1 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.801 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Instrument :

MSVOA_N

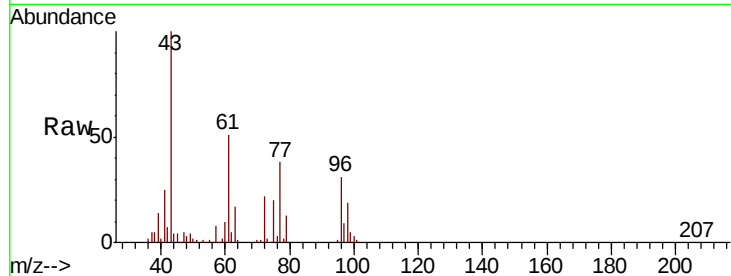
ClientSampleId :

VN0710WBS01

Tot Ion:	96	Resp:	49966
Ion	Ratio	Lower	Upper
96	100		
61	164.2	0.0	343.4
98	63.2	0.0	128.4

Manual Integrations
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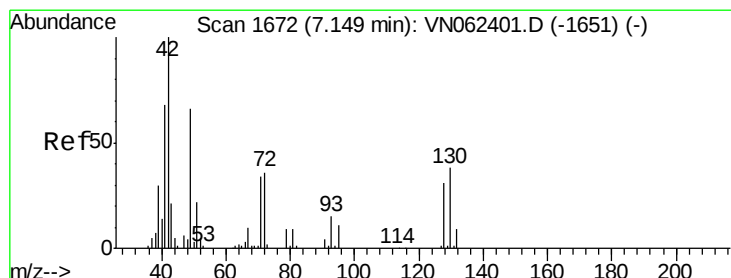
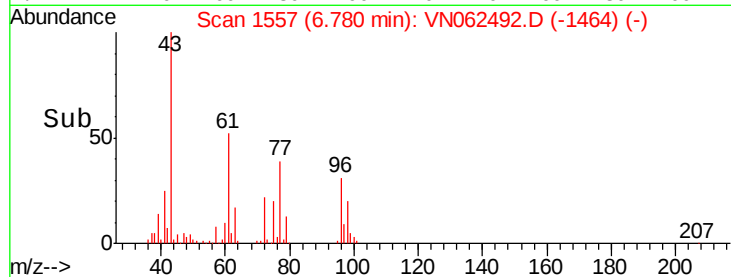
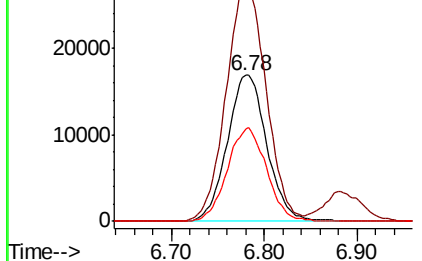


Abundance Ion 95.90 (95.60 to 96.60): VN062401.D (-1535) (-)

Ion 60.90 (60.60 to 61.60): VN062401.D (-1535) (-)

Ion 97.90 (97.60 to 98.60): VN062401.D (-1535) (-)

Time-->



#28

Bromochloromethane

Concen: 19.024 ug/l

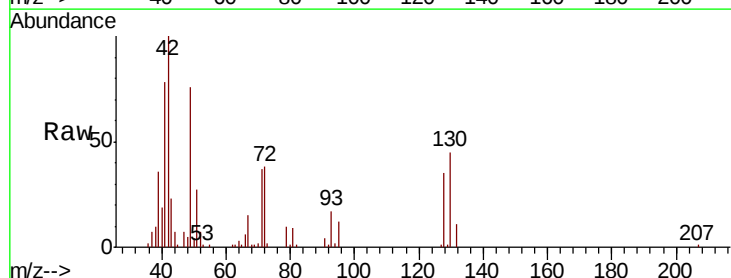
RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Tgt Ion:	49	Resp:	49907
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	2.8
130	58.8	46.5	69.7

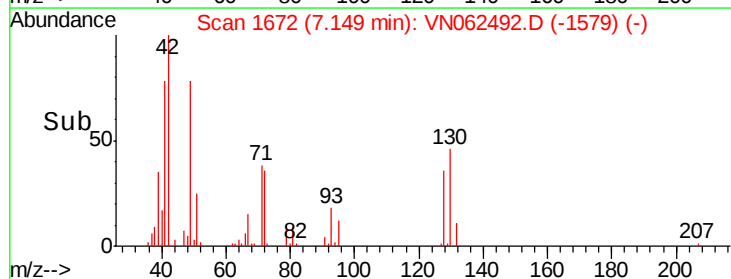
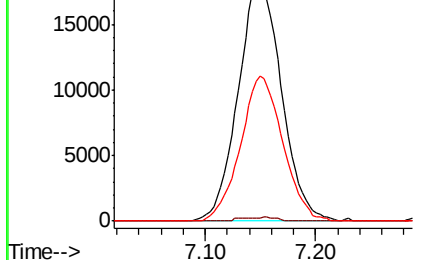


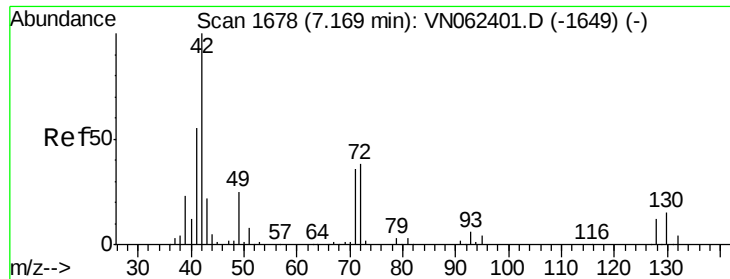
Abundance Ion 48.90 (48.60 to 49.60): VN062401.D (-1651) (-)

Ion 128.80 (128.50 to 129.50): VN062401.D (-1651) (-)

Ion 129.80 (129.50 to 130.50): VN062401.D (-1651) (-)

Time-->





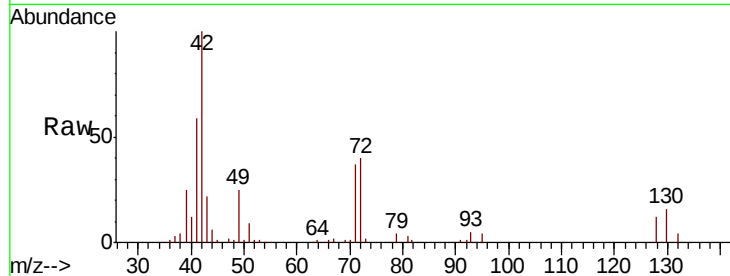
#29
Tetrahydrofuran
Concen: 95.253 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01

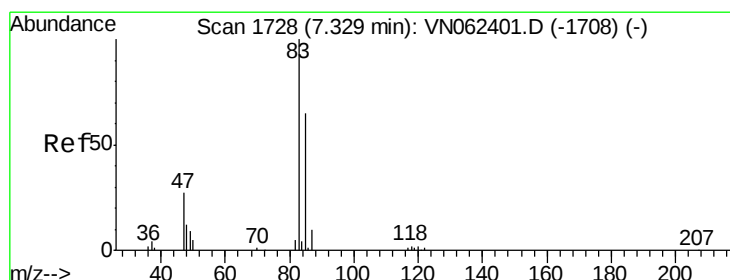
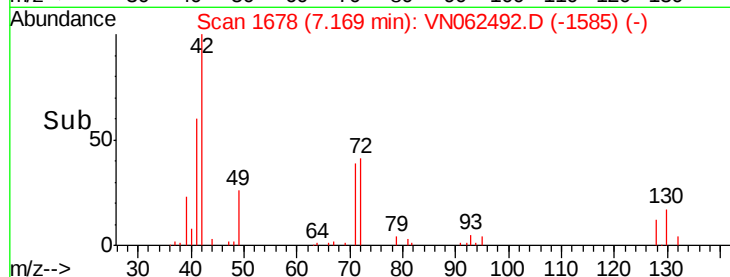
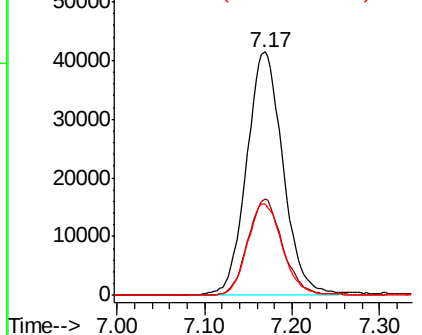
Tot Ion	Ratio	Lower	Upper
42	100		
72	38.0	29.1	43.7
71	36.5	28.1	42.1

Manual Integrations
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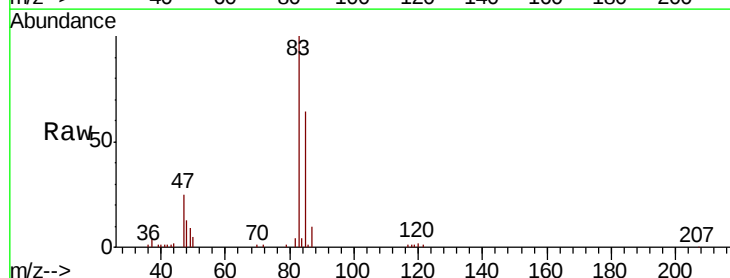


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

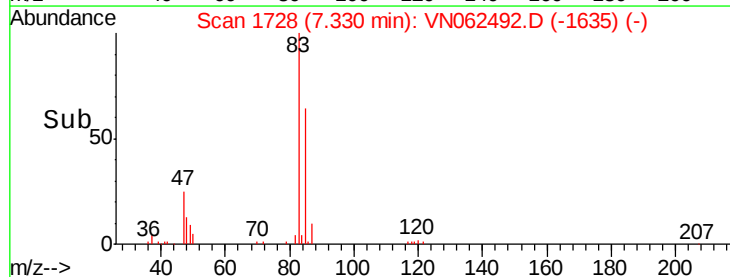
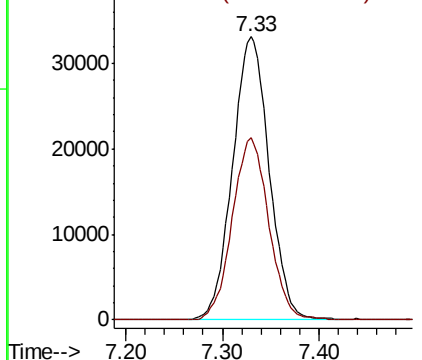


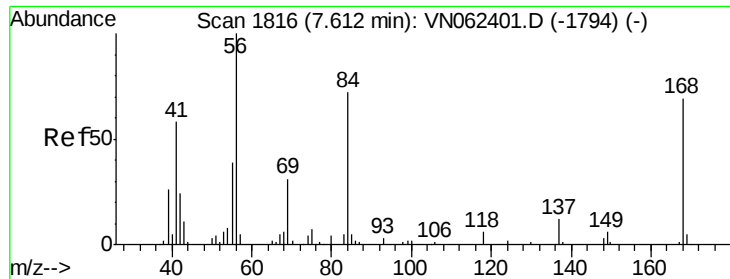
#30
Chloroform
Concen: 19.927 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.8	77.6



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





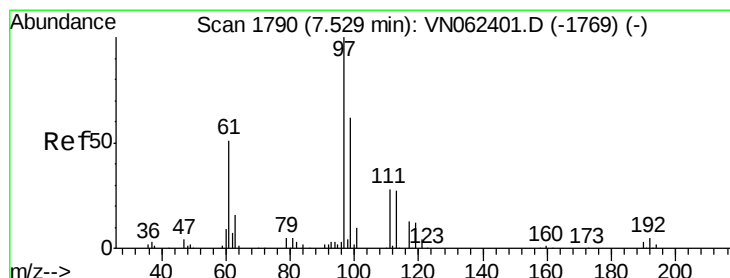
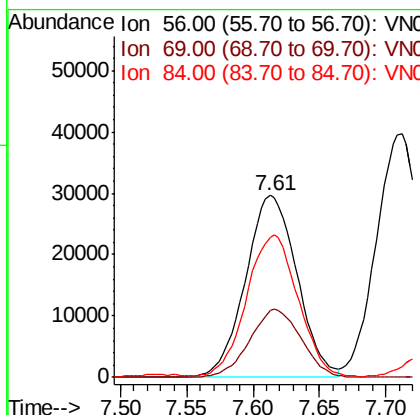
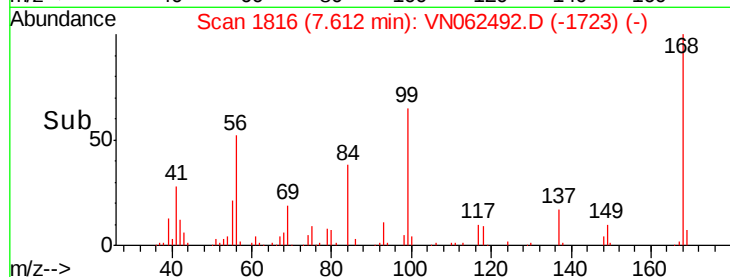
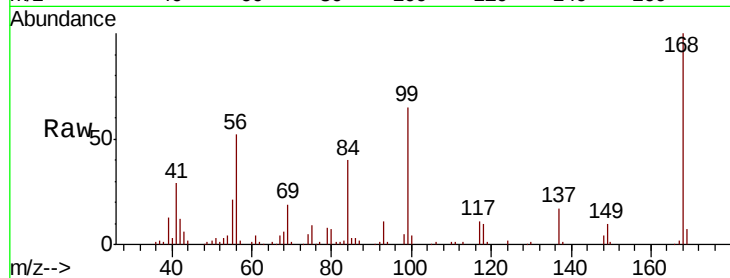
#31
Cyclohexane
Concen: 17.558 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Instrument :
MSVOA_N
ClientSampled :
VN0710WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.5	24.5	36.7
84	75.6	57.4	86.2

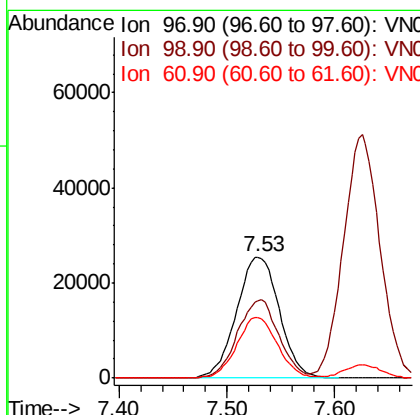
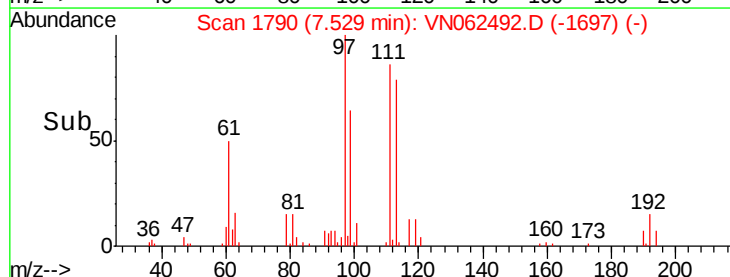
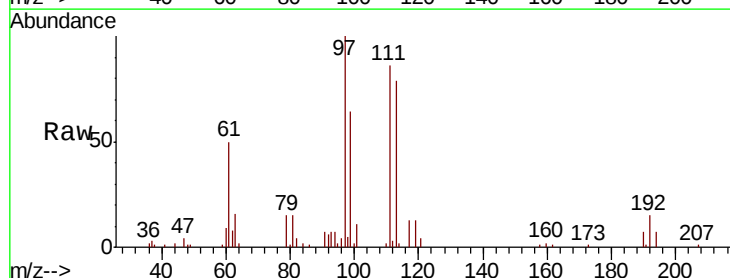
Manual Integrations
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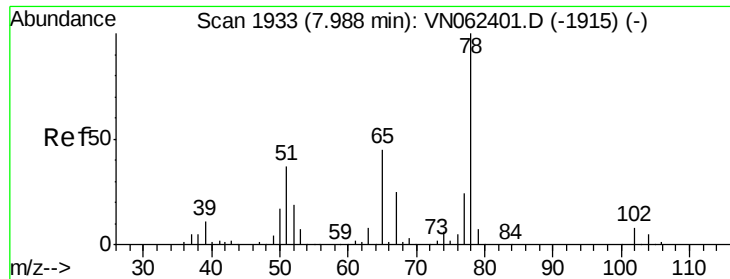
MMDadoda
7/13/2020 11:19:15 AM



#32
1,1,1-Trichloroethane
Concen: 19.412 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.1	50.4	75.6
61	47.7	39.9	59.9





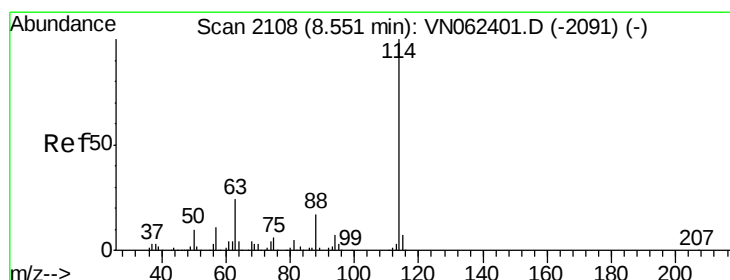
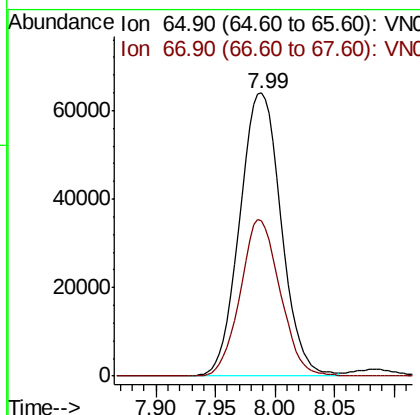
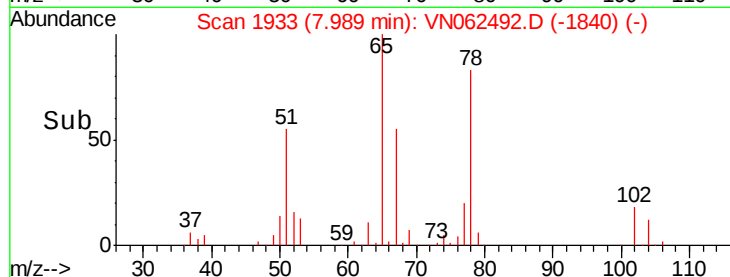
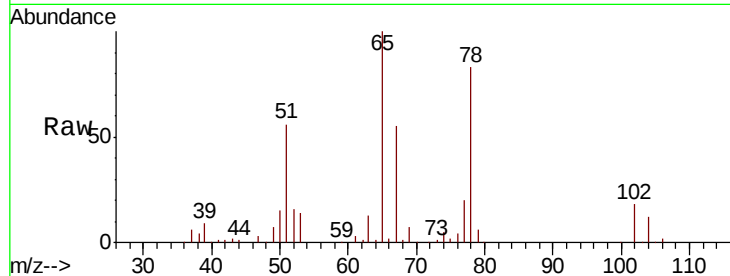
#33
 1,2-Dichloroethane-d4
 Concen: 51.271 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062492.D
 Acq: 10 Jul 2020 14:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0710WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	154512		
67	53.0	0.0	107.6	

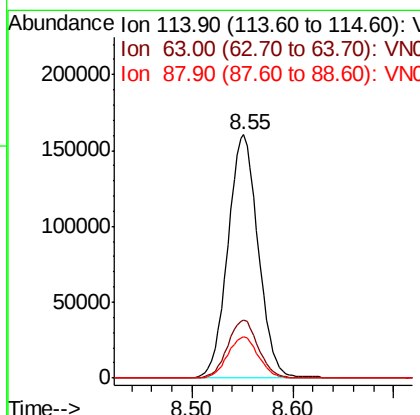
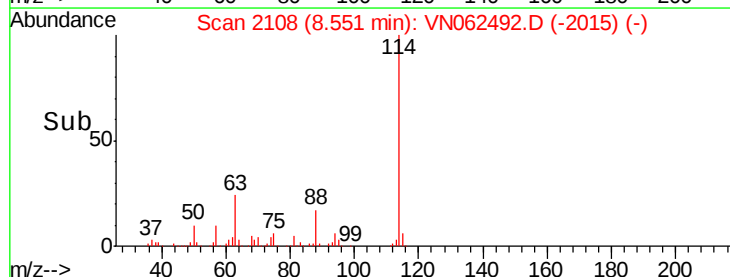
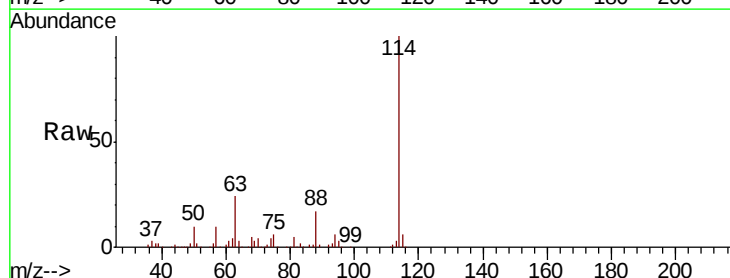
Manual Integrations
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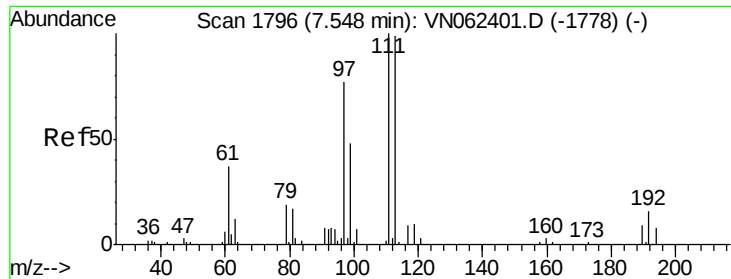
MMDadoda
 7/13/2020 11:19:15 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062492.D
 Acq: 10 Jul 2020 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	336130		
63	23.9	0.0	48.4	
88	17.1	0.0	33.8	





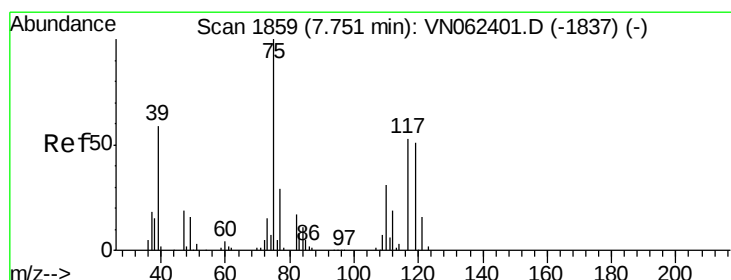
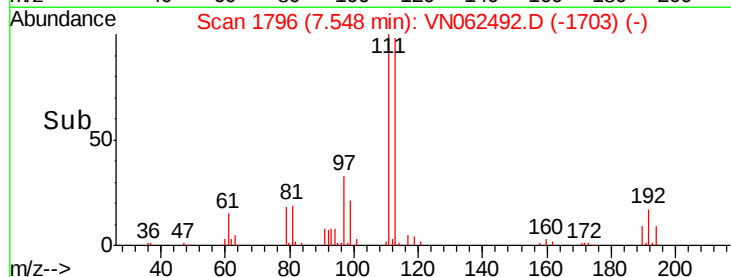
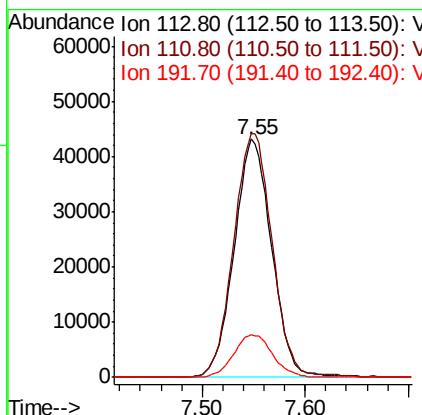
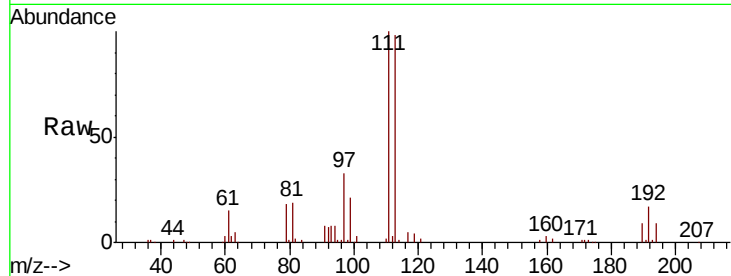
#35
 Dibromofluoromethane
 Concen: 52.403 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062492.D
 Acq: 10 Jul 2020 14:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0710WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	104.7	83.1	124.7	
192	18.5	14.1	21.1	

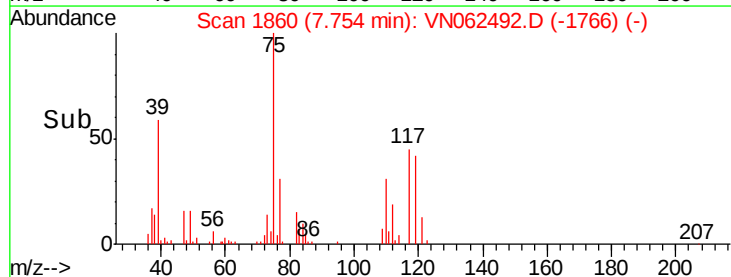
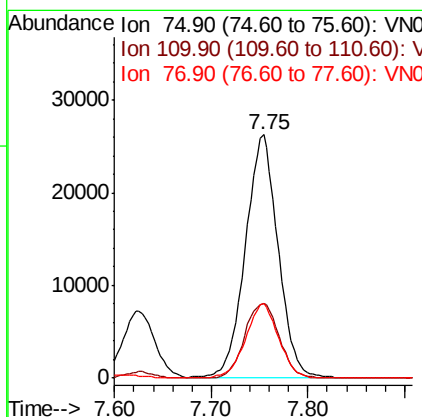
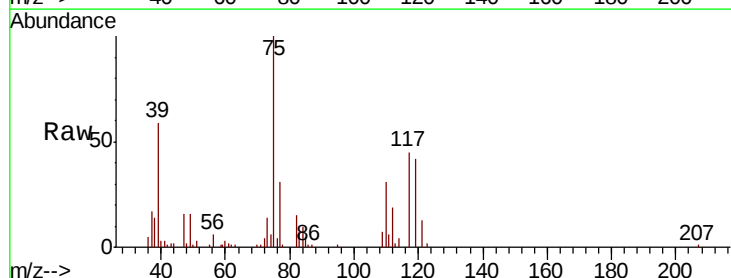
Manual Integrations
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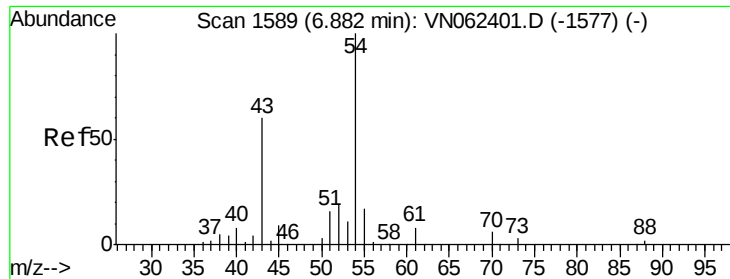
MMDadoda
 7/13/2020 11:19:15 AM



#36
 1,1-Dichloropropene
 Concen: 18.290 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062492.D
 Acq: 10 Jul 2020 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	32.2	15.4	46.2	
77	30.7	24.1	36.1	





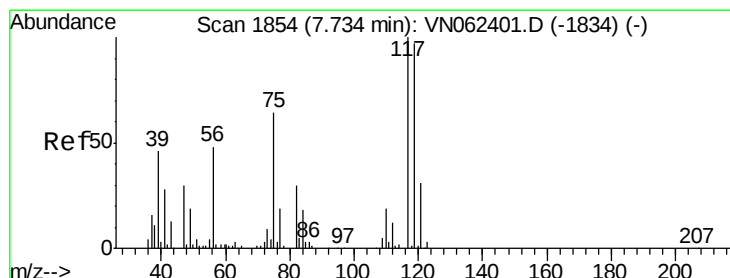
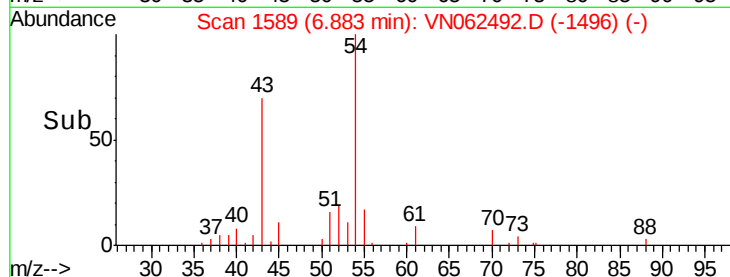
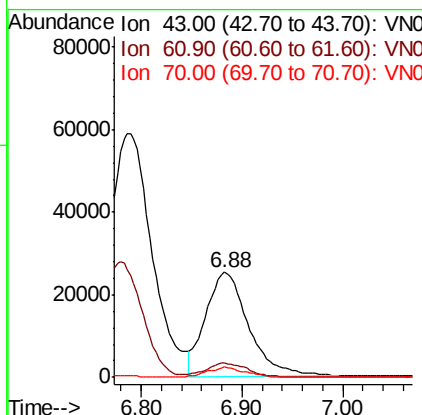
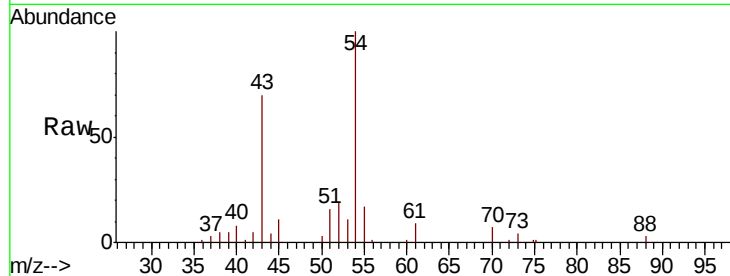
#37
Ethyl Acetate
Concen: 18.865 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Instrument :
MSVOA_N
ClientSampled :
VN0710WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.7	16.1
70	8.7	7.2	10.8

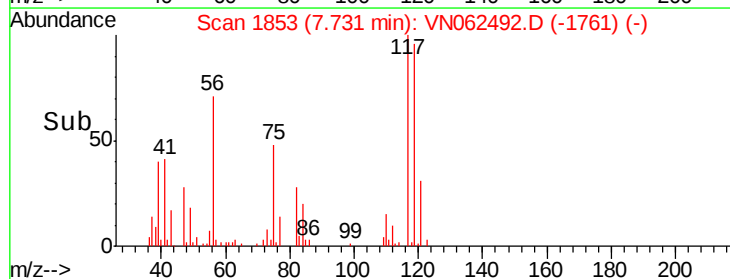
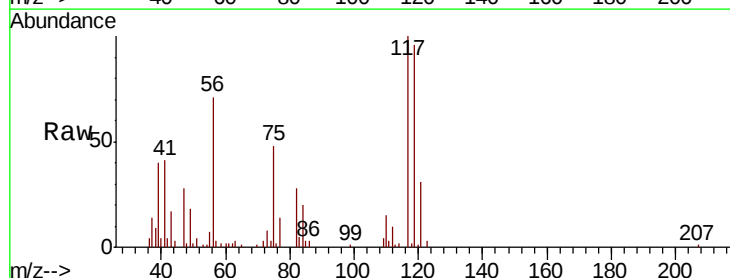
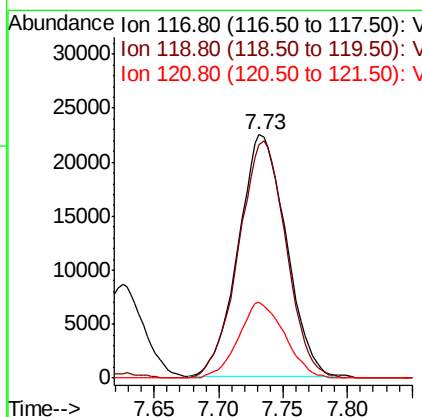
Manual Integrations
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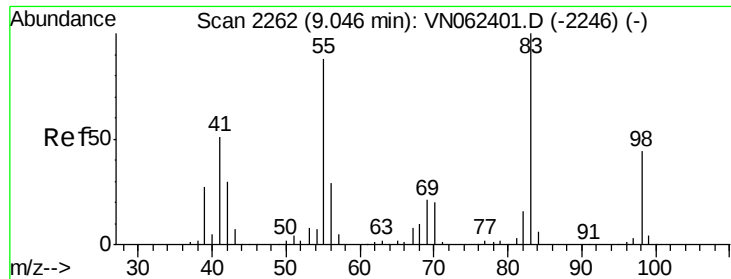
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#38
Carbon Tetrachloride
Concen: 18.959 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.2	115.8
121	31.3	24.8	37.2





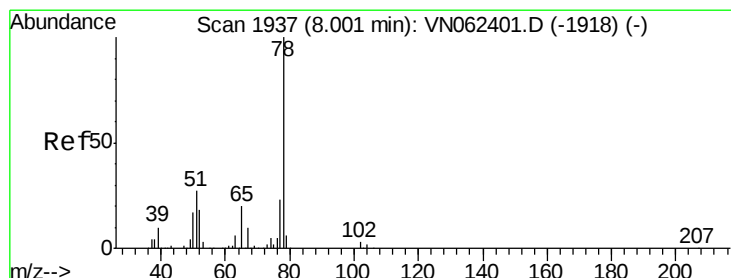
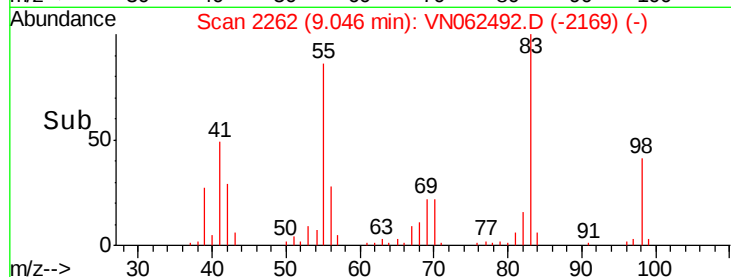
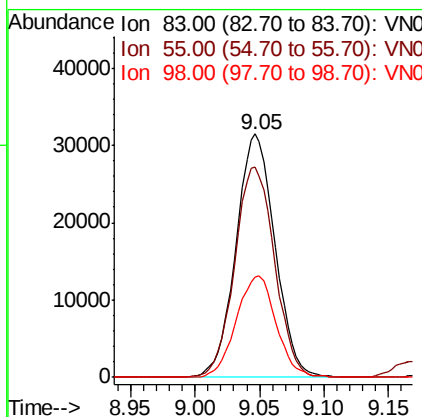
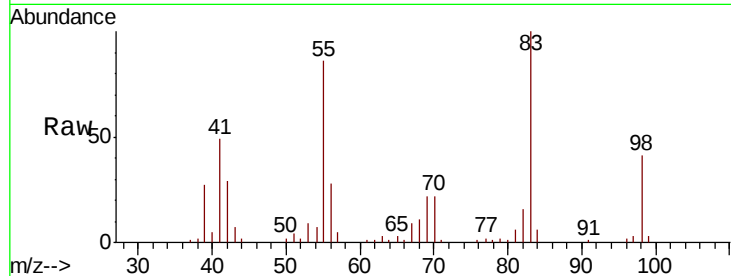
#39
Methvlcvclohexane
Concen: 18.295 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	86.3	70.5	105.7
98	41.4	35.5	53.3

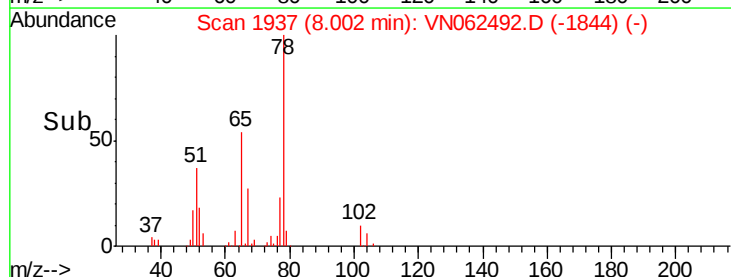
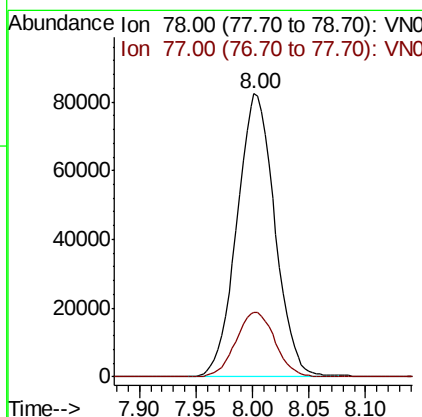
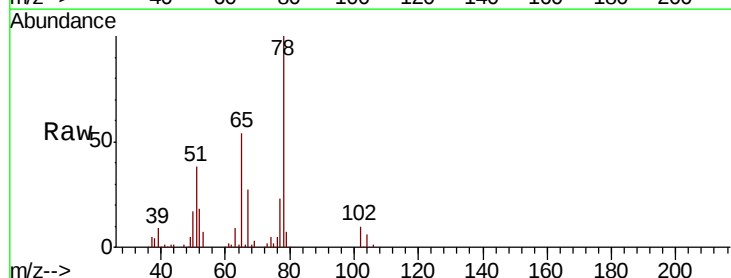
Manual Integrations
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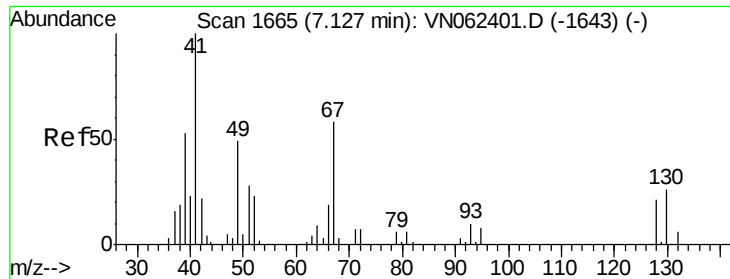
MMDadoda
7/13/2020 11:19:15 AM



#40
Benzene
Concen: 19.255 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.7	28.1





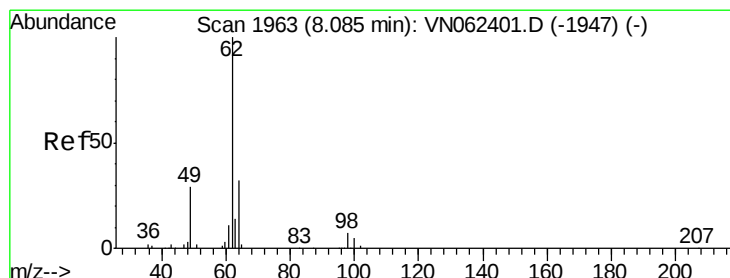
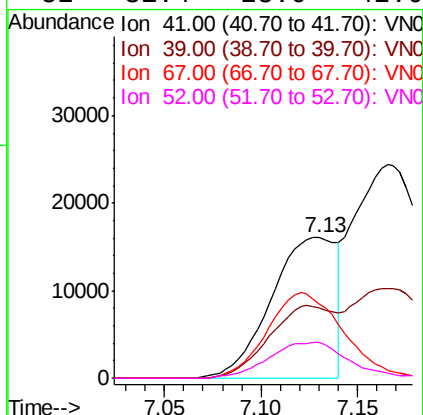
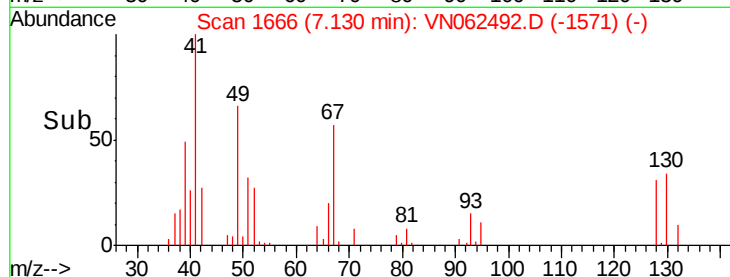
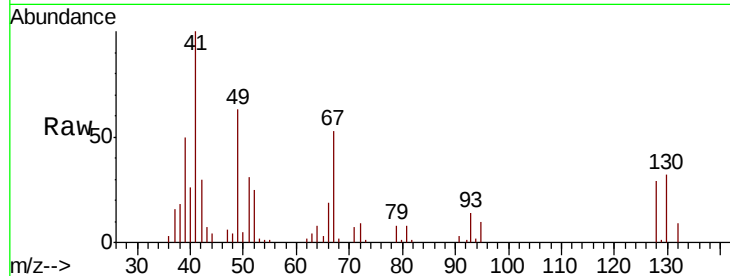
#41
Methacrylonitrile
Concen: 22.808 ug/l
RT: 7.13 min Scan# 1666
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01

Tot Ion	Ion	Ratio	Lower	Upper
37734	41	100		
	39	51.6	50.2	75.2
	67	70.9	64.2	96.2
	52	31.4	28.0	42.0

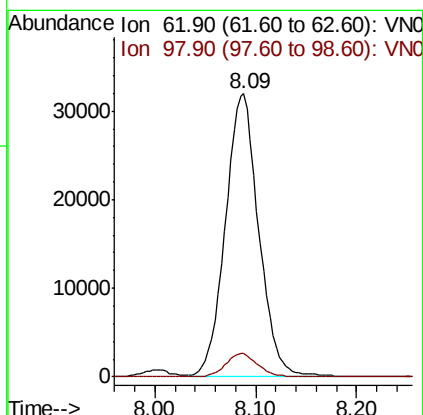
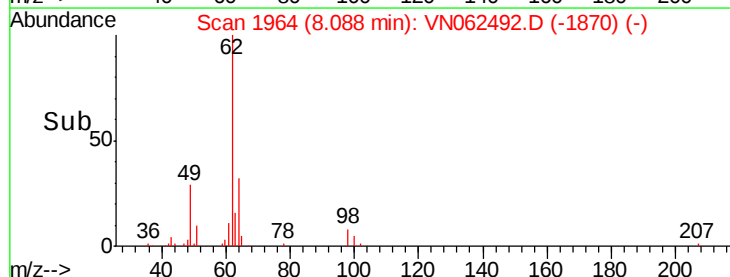
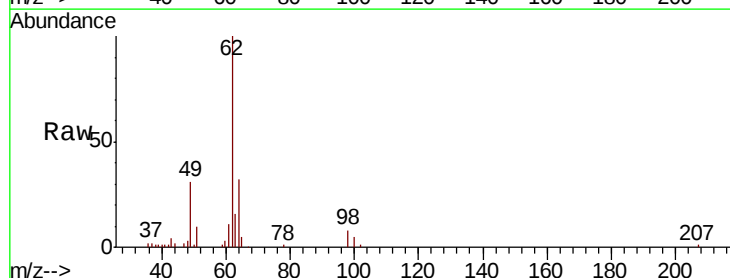
Manual Integrations
APPROVED

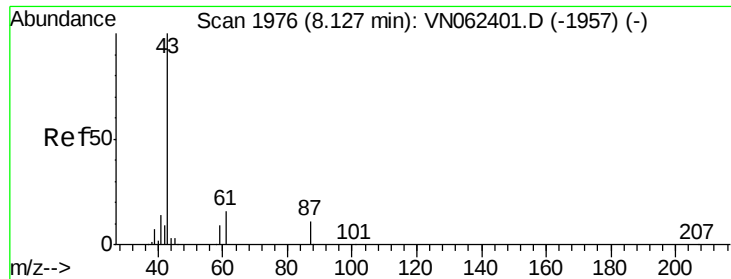
MMDadoda
7/13/2020 11:19:15 AM



#42
1,2-Dichloroethane
Concen: 20.171 ug/l
RT: 8.09 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Tgt Ion	Ion	Ratio	Lower	Upper
73716	62	100		
	98	7.8	0.0	15.8





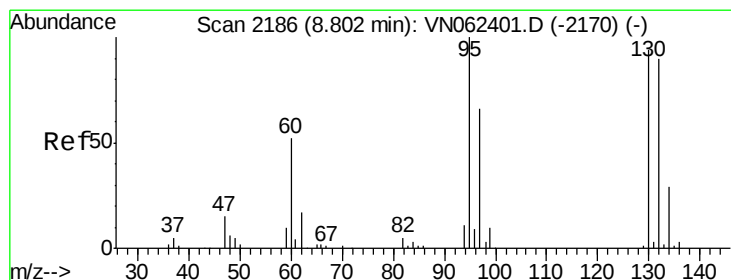
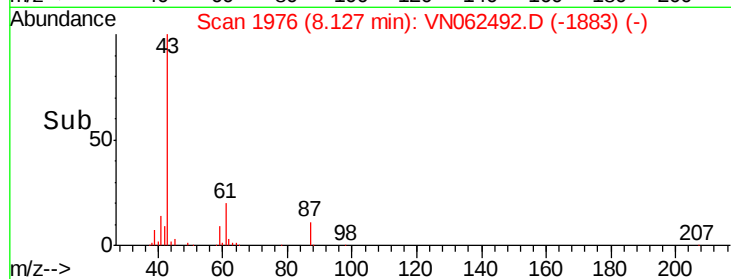
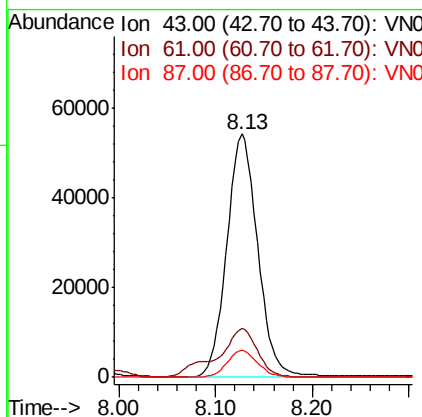
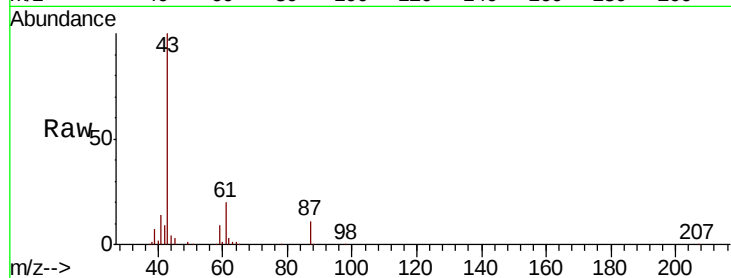
#43
Isopropyl Acetate
Concen: 19.375 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	19.3	28.9
87	10.9	8.6	13.0

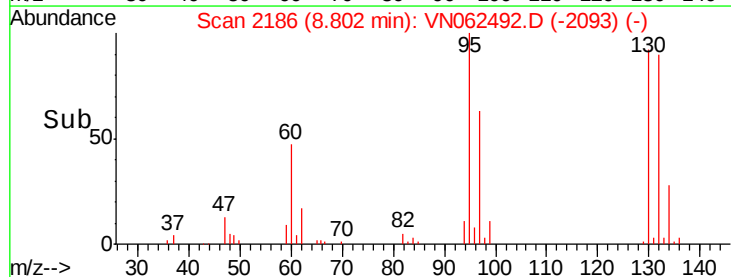
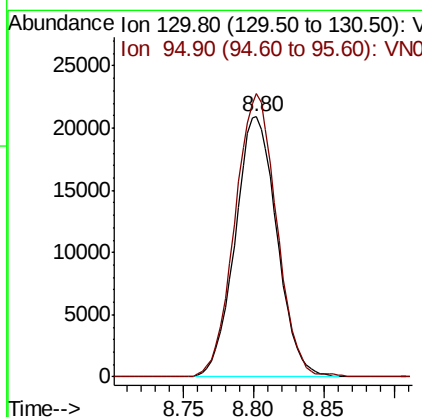
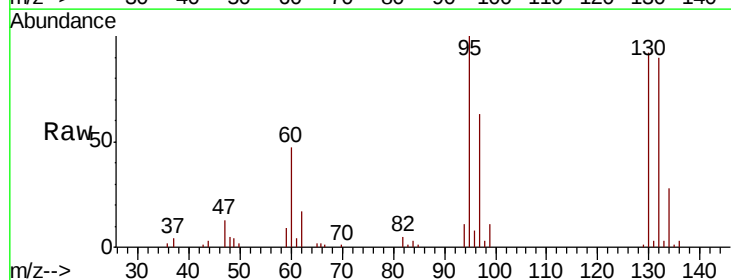
Manual Integrations
APPROVED

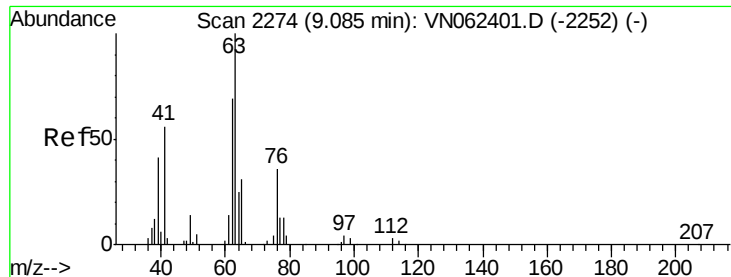
MMDadoda
7/13/2020 11:19:15 AM



#44
Trichloroethene
Concen: 19.578 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	108.9	0.0	213.8





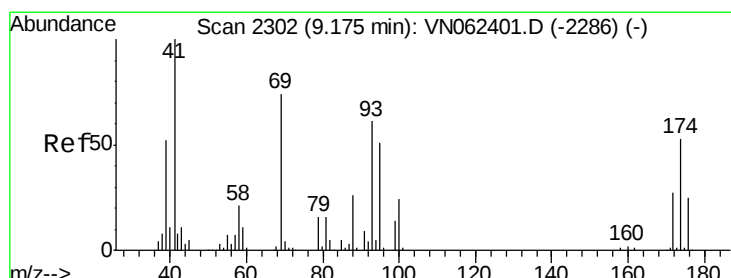
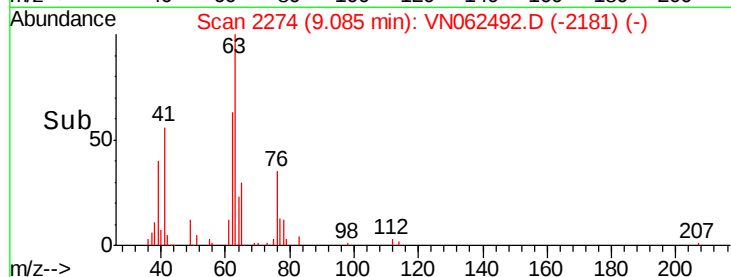
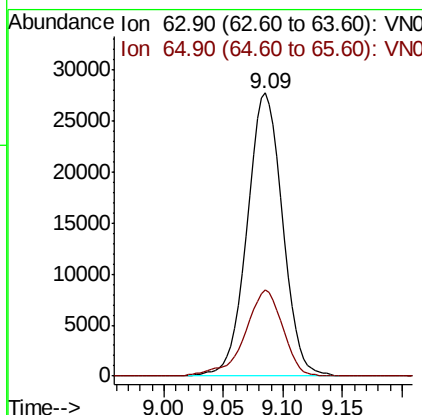
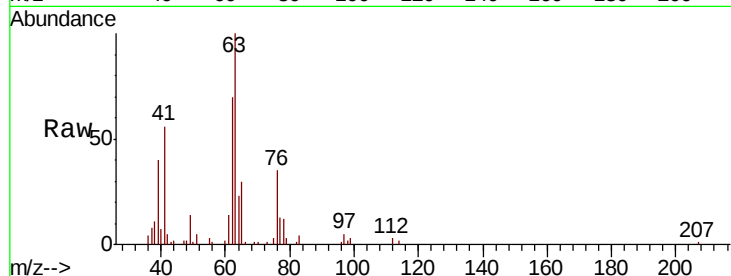
#45
 1,2-Dichloropropane
 Concen: 19.769 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN062492.D
 Acq: 10 Jul 2020 14:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0710WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.4	24.6	36.8

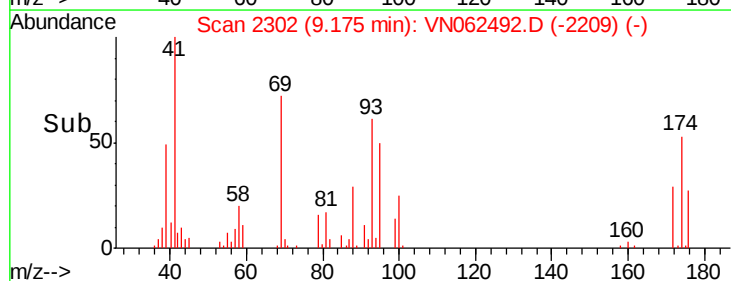
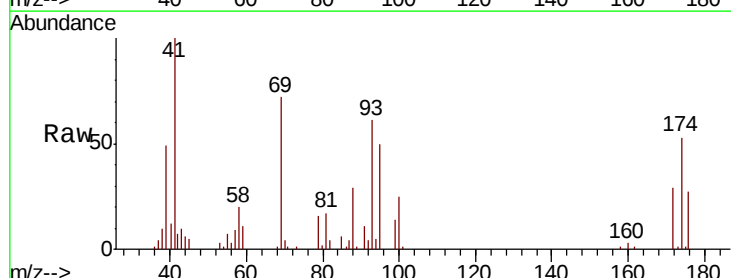
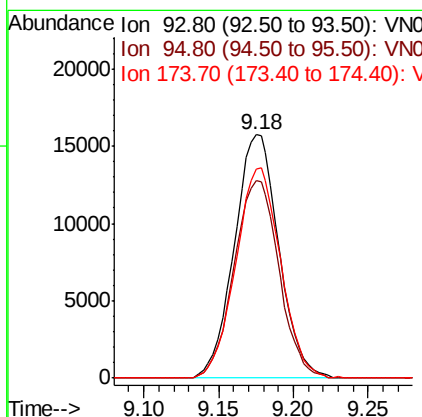
Manual Integrations
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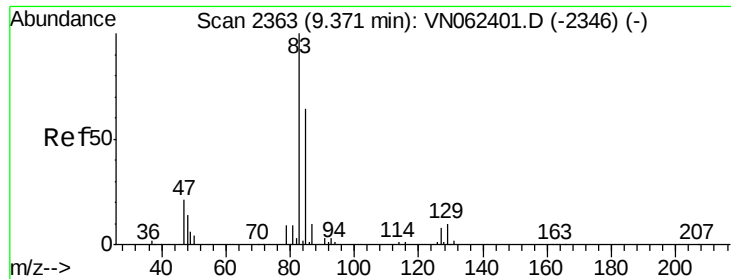
MMDadoda
 7/13/2020 11:19:15 AM



#46
 Dibromomethane
 Concen: 19.894 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN062492.D
 Acq: 10 Jul 2020 14:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.0	67.1	100.7
174	86.8	70.4	105.6





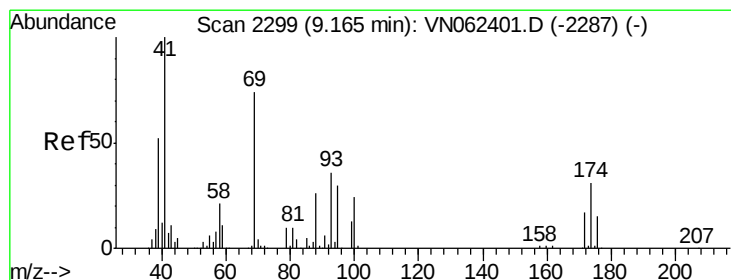
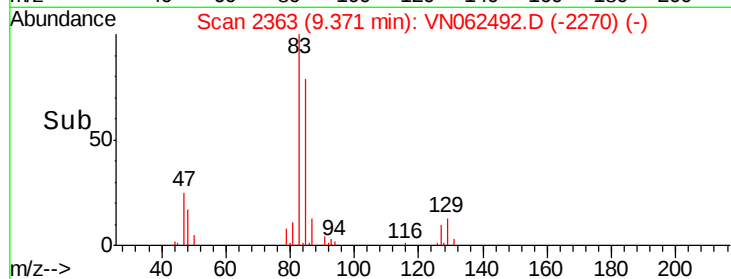
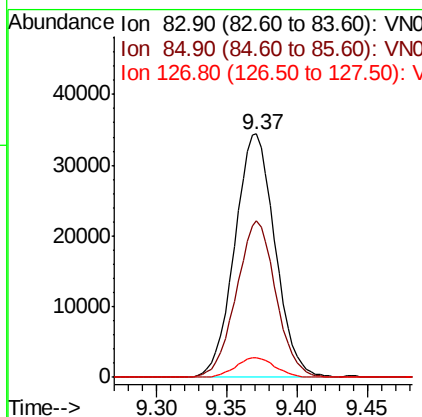
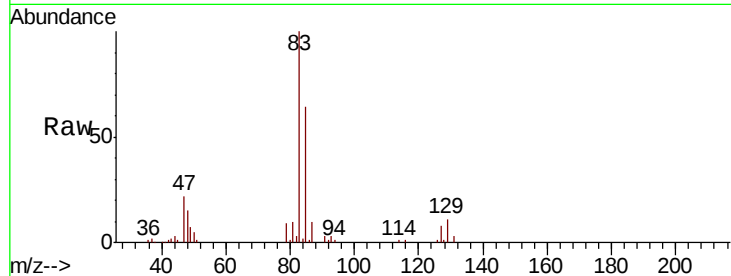
#47
 Bromodichloromethane
 Concen: 19.665 ug/l
 RT: 9.37 min Scan# 2363
 Delta R.T. 0.00 min
 Lab File: VN062492.D
 Acq: 10 Jul 2020 14:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0710WBS01

Tot Ion	83	Resp	68743
Ion Ratio	100	Lower	Upper
83	100		
85	64.4	51.2	76.8
127	7.9	6.2	9.2

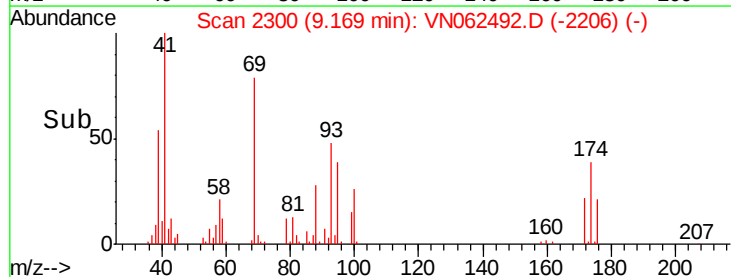
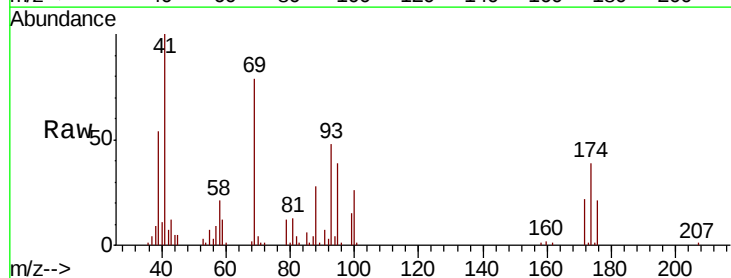
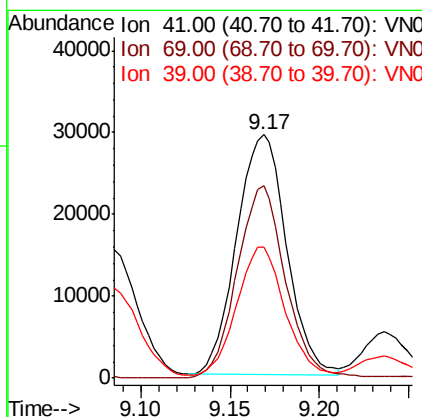
Manual Integrations
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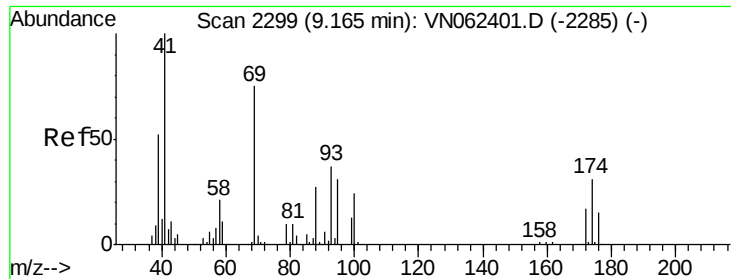
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#48
 Methyl methacrylate
 Concen: 18.622 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VN062492.D
 Acq: 10 Jul 2020 14:43

Tgt Ion	41	Resp	57140
Ion Ratio	100	Lower	Upper
41	100		
69	77.9	60.8	91.2
39	53.0	43.5	65.3





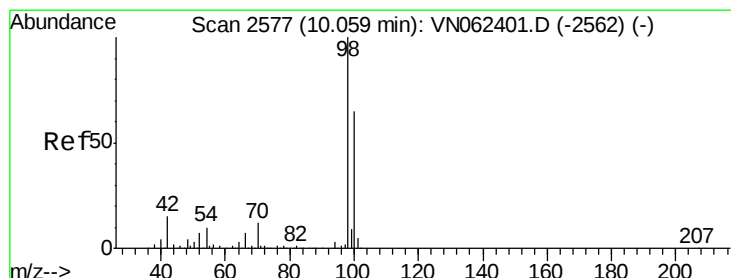
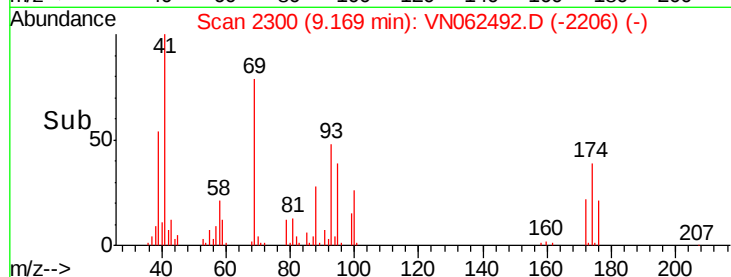
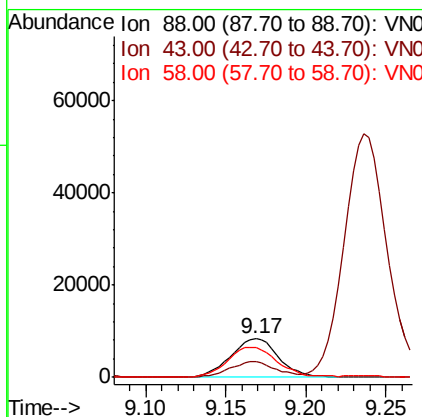
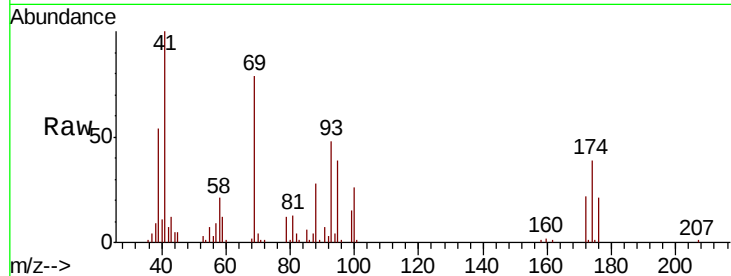
#49
1,4-Dioxane
Concen: 383.971 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.8	31.0	46.4
58	81.6	63.3	94.9

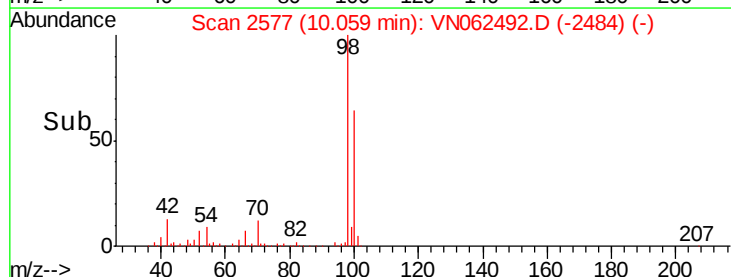
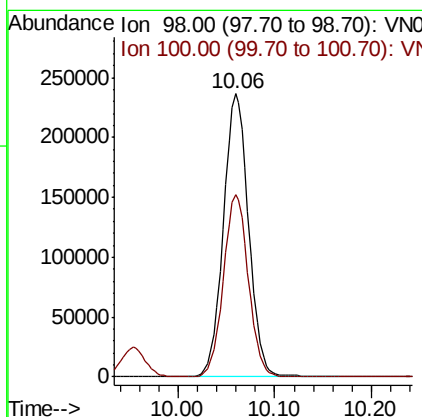
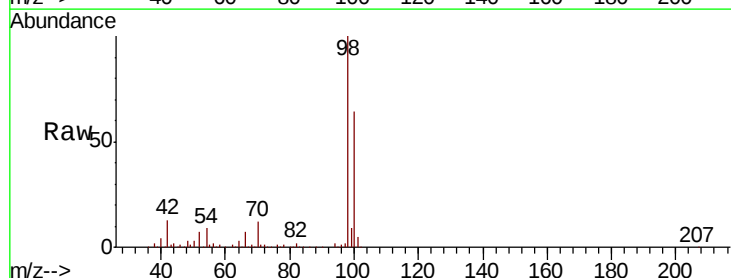
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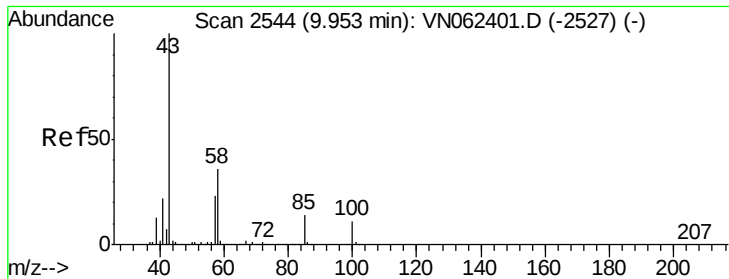
MMDadoda
7/13/2020 11:19:15 AM



#50
Toluene-d8
Concen: 52.002 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.5	77.3





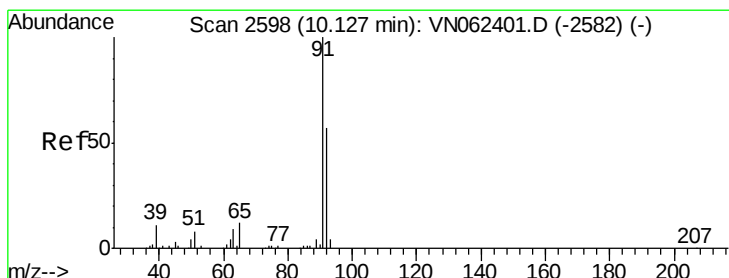
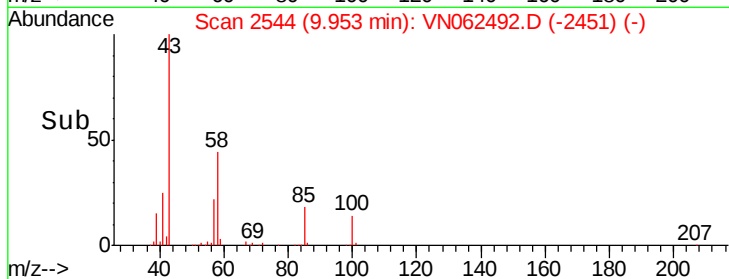
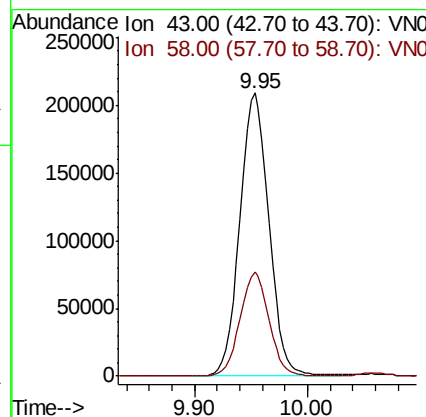
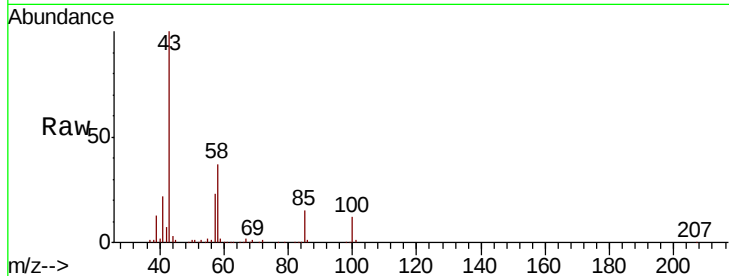
#51
4-Methyl-2-Pentanone
Concen: 100.427 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	36.5	29.0	43.6

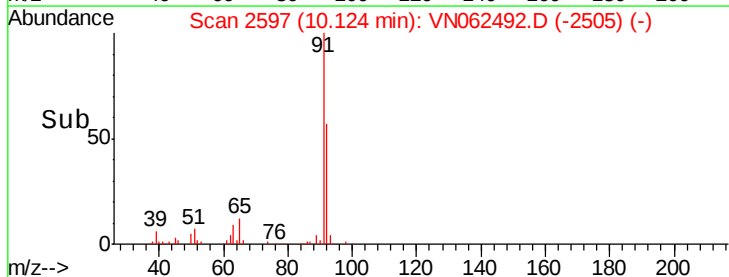
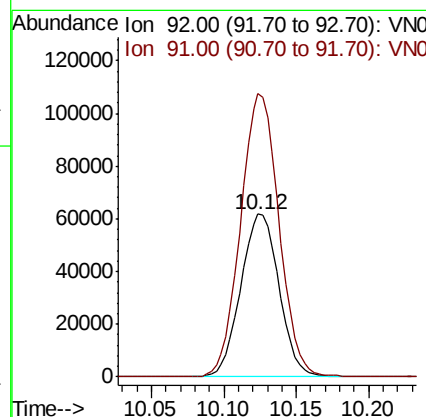
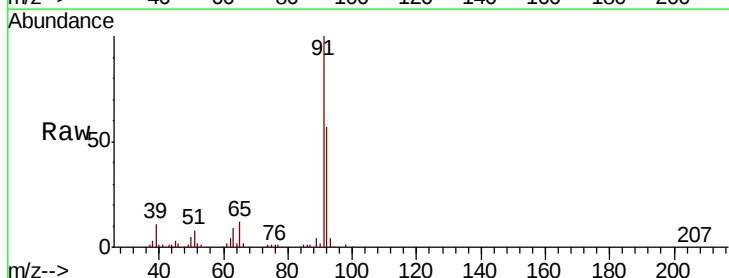
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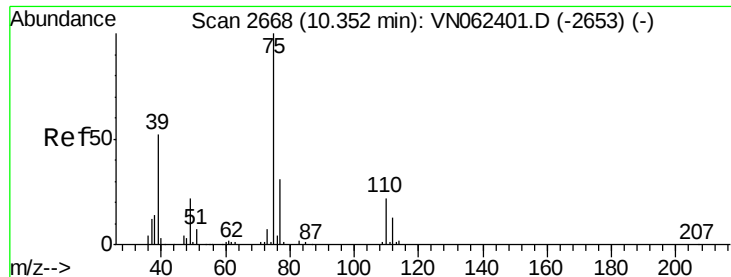
MMDadoda
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#52
Toluene
Concen: 19.698 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.0	141.0	211.6





#53

t-1,3-Dichloropropene

Concen: 19.434 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

VN0710WBS01

Tot Ion: 75 Resp: 76109

Ion Ratio Lower Upper

75 100

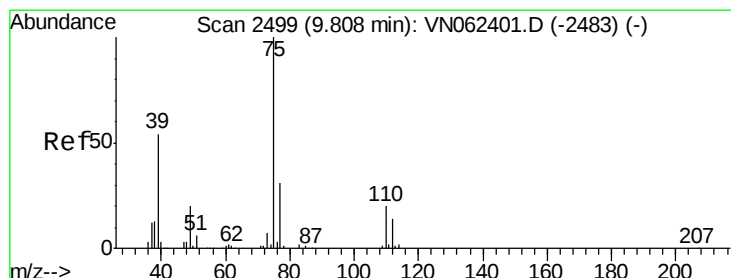
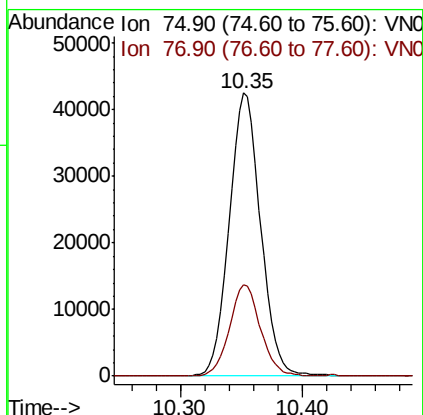
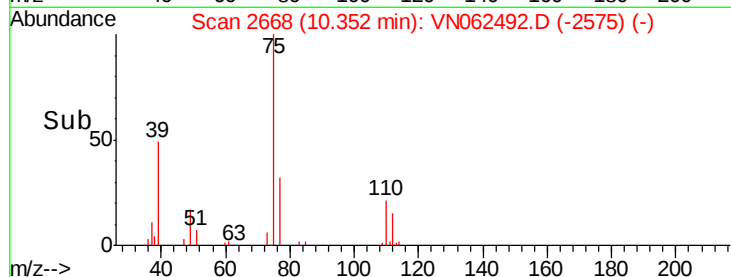
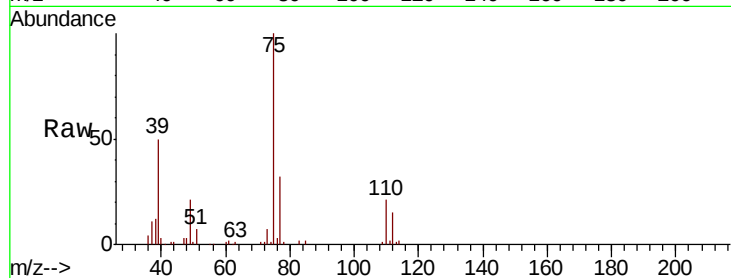
77 32.5 25.2 37.8

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#54

cis-1,3-Dichloropropene

Concen: 19.078 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

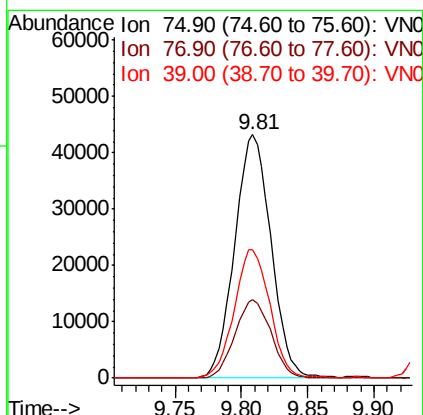
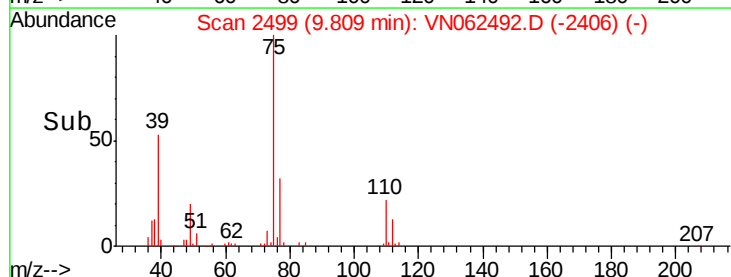
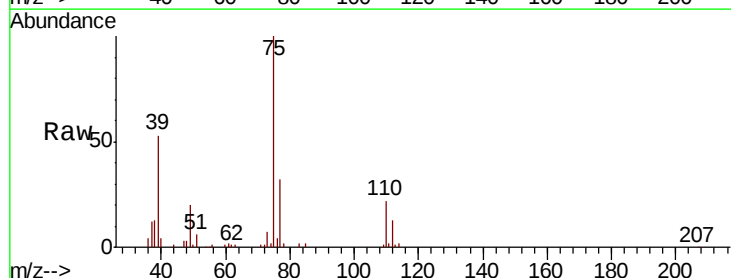
Tgt Ion: 75 Resp: 82436

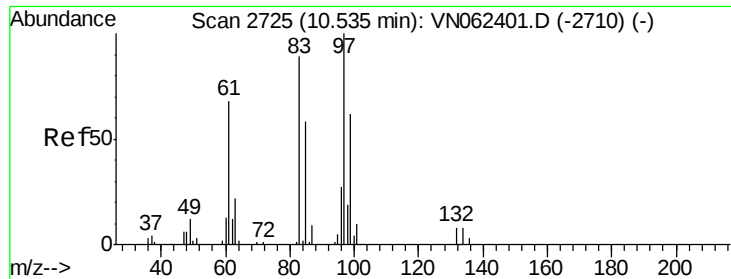
Ion Ratio Lower Upper

75 100

77 32.3 24.5 36.7

39 52.7 43.4 65.0





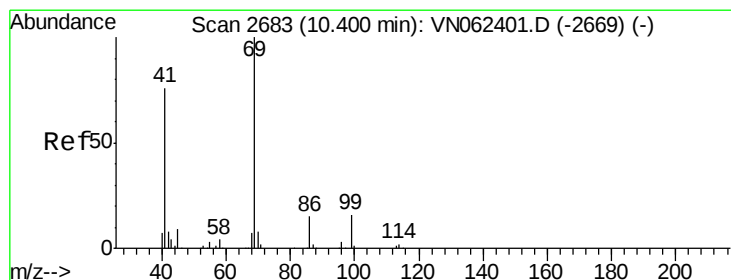
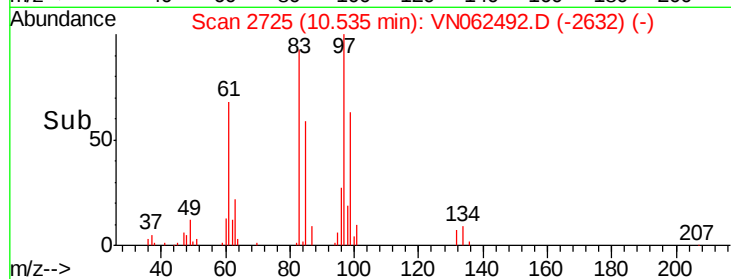
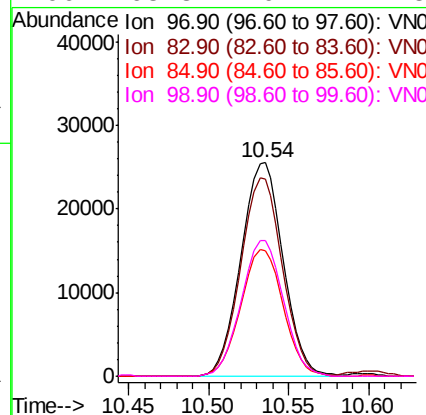
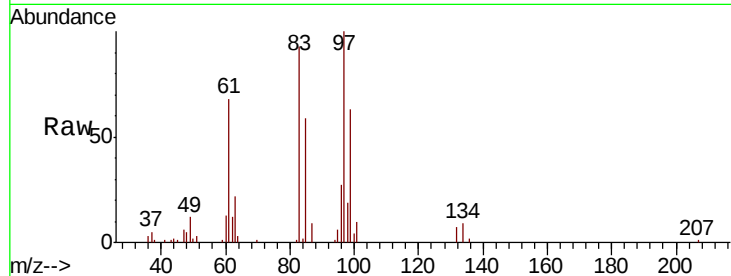
#55
 1,1,2-Trichloroethane
 Concen: 20.272 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN062492.D
 Acq: 10 Jul 2020 14:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0710WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		45964		
83	92.6	71.0	106.4		
85	58.8	46.2	69.4		
99	63.3	49.7	74.5		

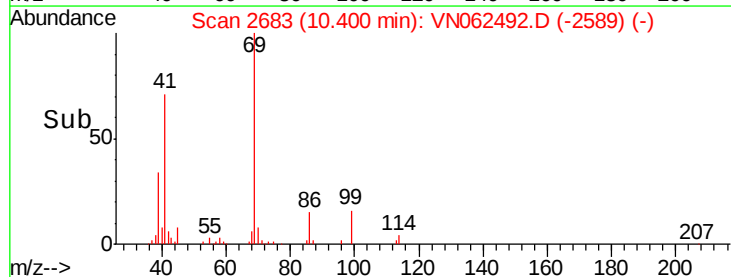
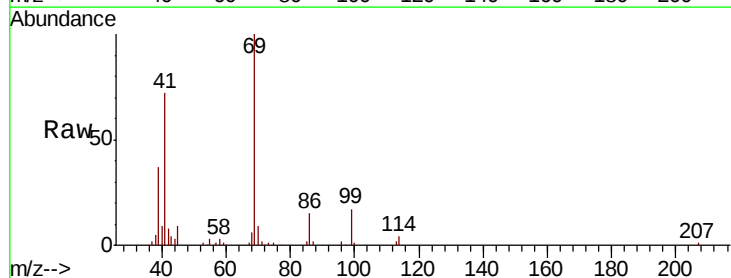
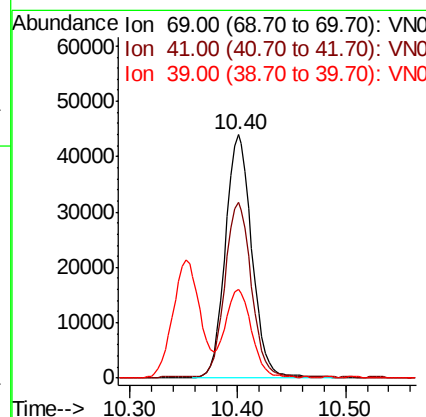
Manual Integrations
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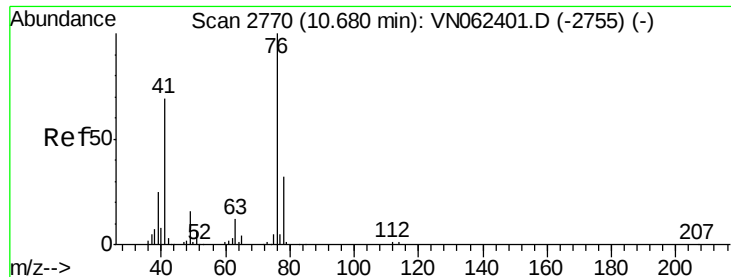
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 7/13/2020 11:19:15 AM



#56
 Ethyl methacrylate
 Concen: 19.164 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062492.D
 Acq: 10 Jul 2020 14:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		75404		
41	71.2	59.7	89.5		
39	36.3	30.6	45.8		





#57

1,3-Dichloropropane

Concen: 20.238 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

VN0710WBS01

Tot Ion: 76 Resp: 84774

Ion Ratio Lower Upper

76 100

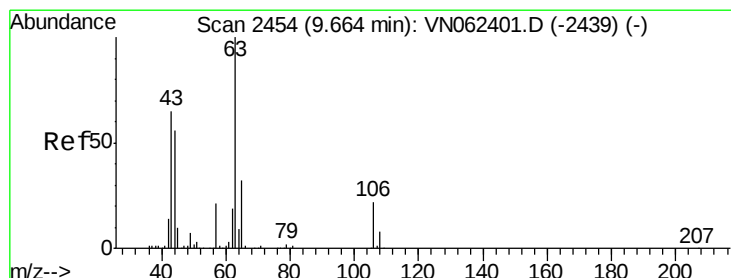
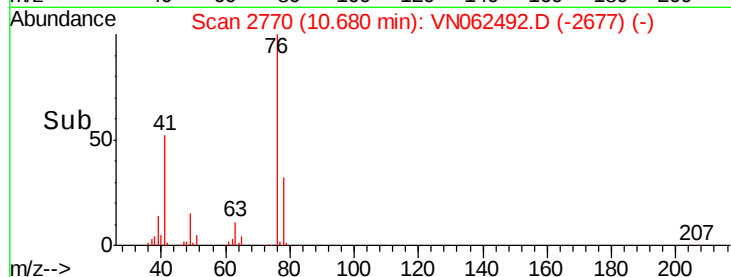
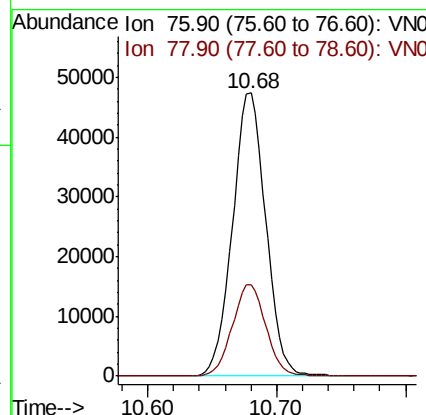
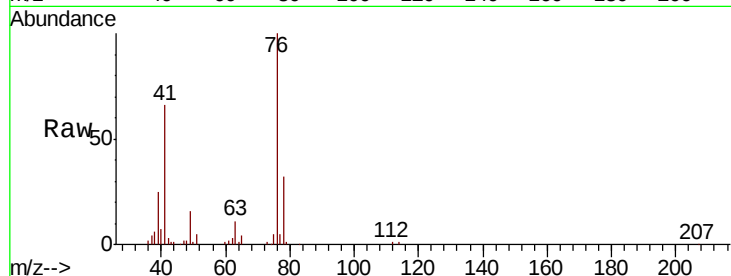
78 32.5 25.6 38.4

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 95.008 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062492.D

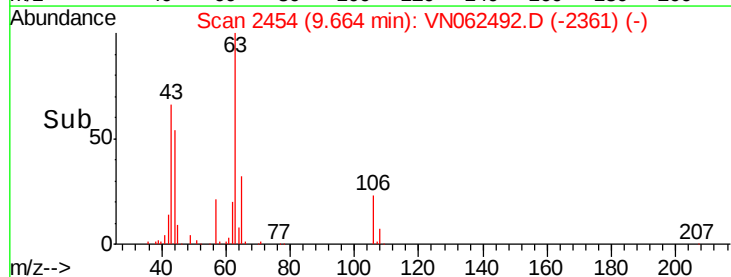
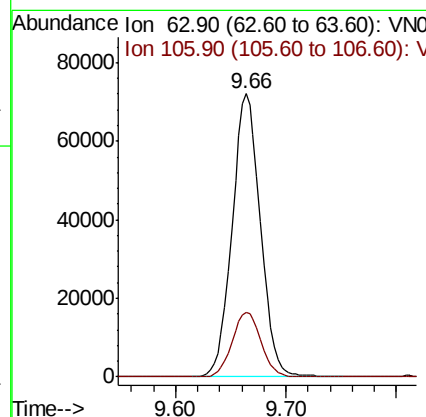
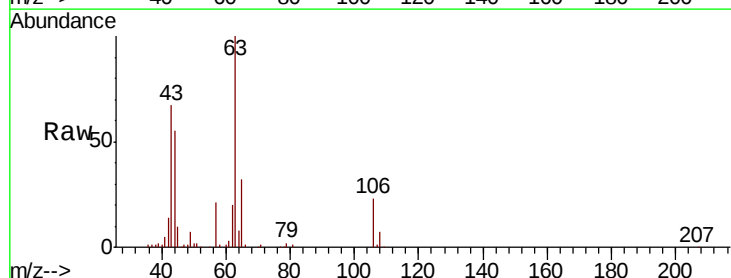
Acq: 10 Jul 2020 14:43

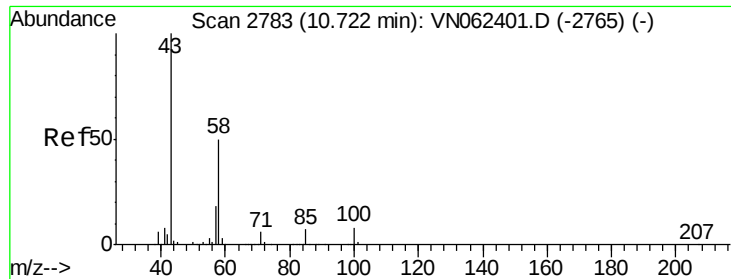
Tgt Ion: 63 Resp: 127800

Ion Ratio Lower Upper

63 100

106 23.3 17.6 26.4





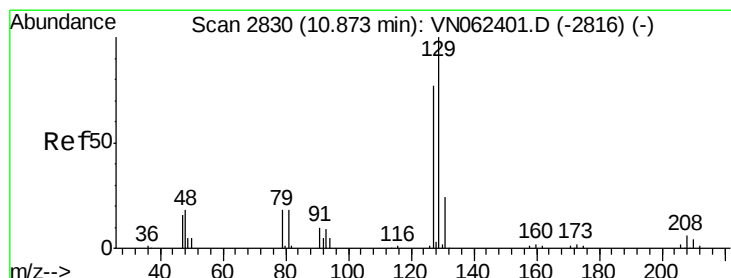
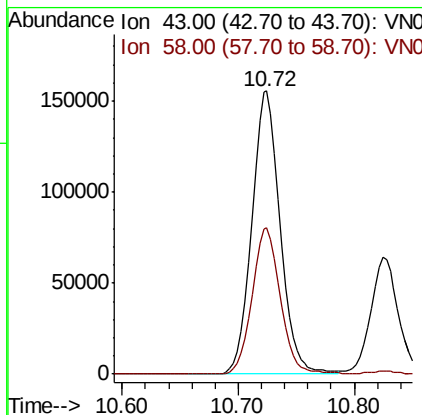
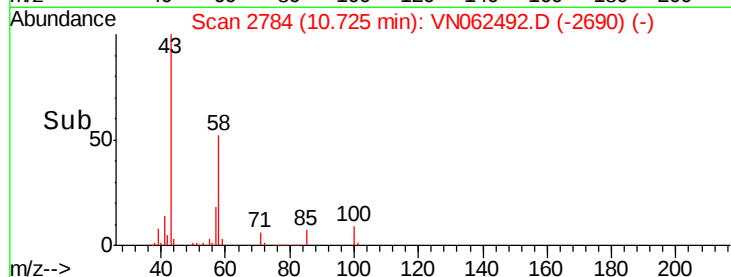
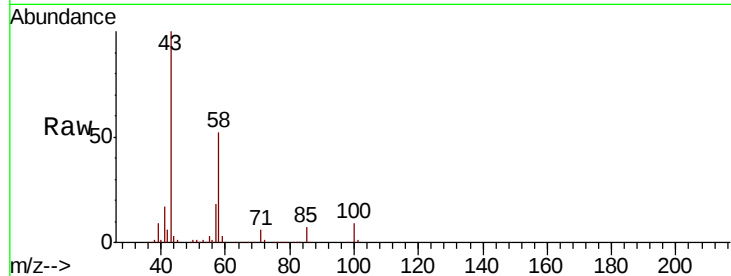
#59
2-Hexanone
Concen: 97.956 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01

Tot Ion: 43 Resp: 265697
Ion Ratio Lower Upper
43 100
58 51.7 25.1 75.2

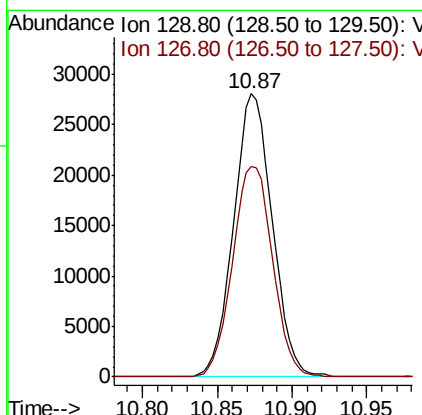
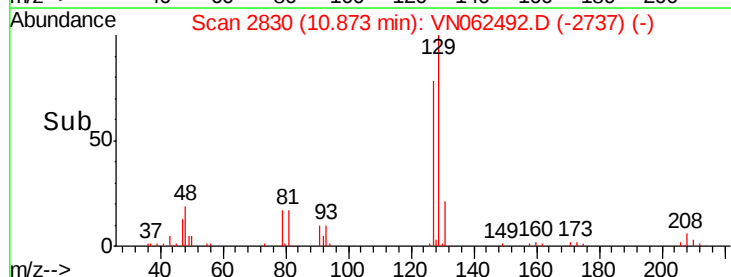
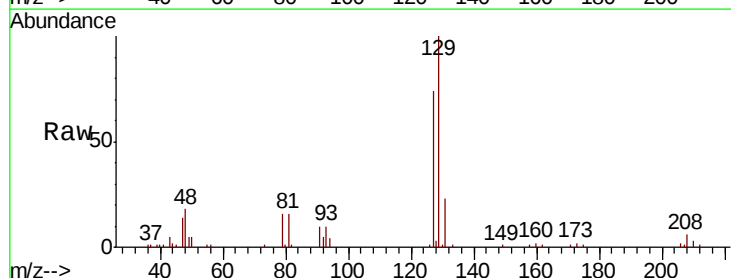
Manual Integrations
APPROVED

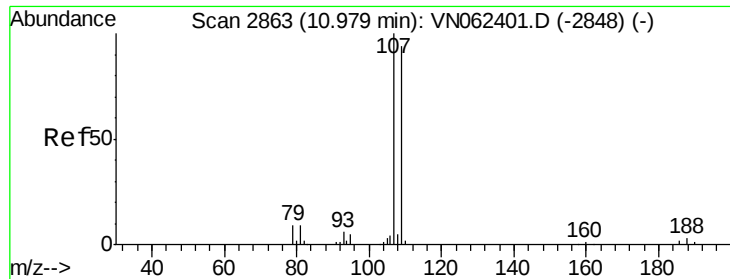
MMDadoda
7/13/2020 11:19:15 AM



#60
Dibromochloromethane
Concen: 20.553 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Tgt Ion: 129 Resp: 50528
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.8





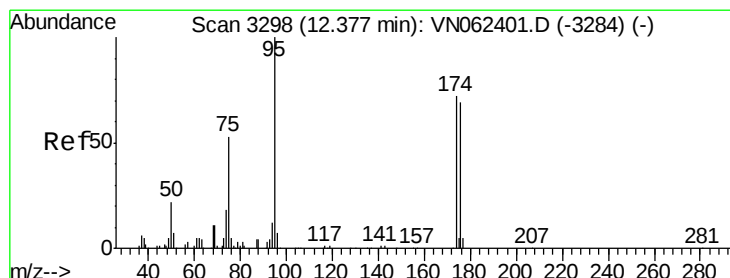
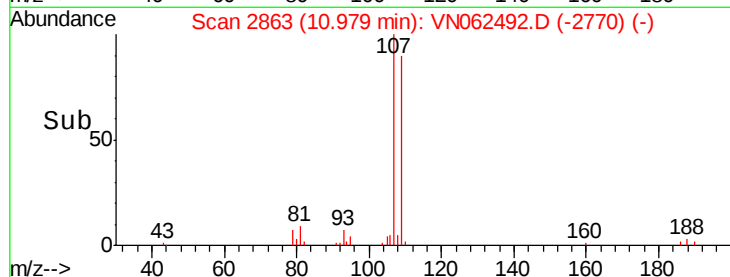
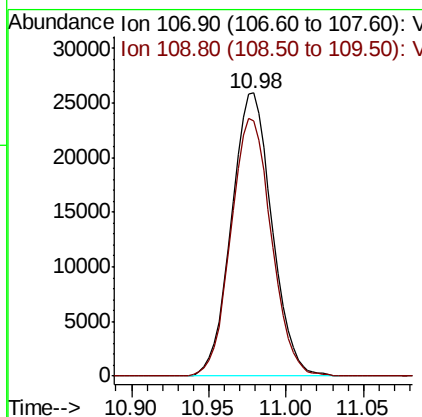
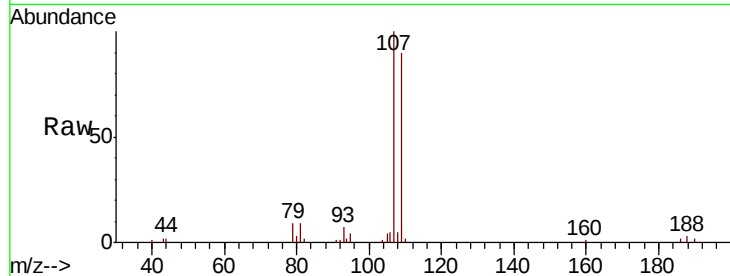
#61
 1,2-Dibromoethane
 Concen: 20.537 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062492.D
 Acq: 10 Jul 2020 14:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0710WBS01

Tot Ion: 107 Resp: 47006
 Ion Ratio Lower Upper
 107 100
 109 91.1 75.6 113.4

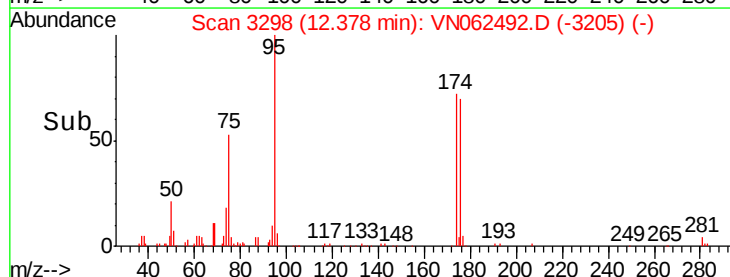
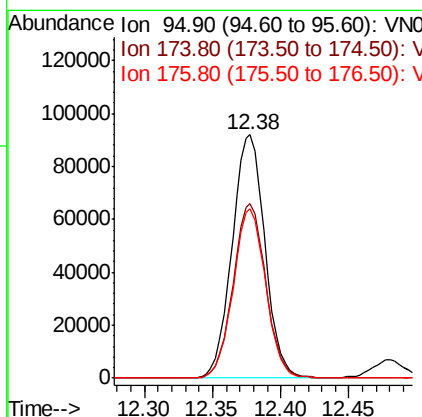
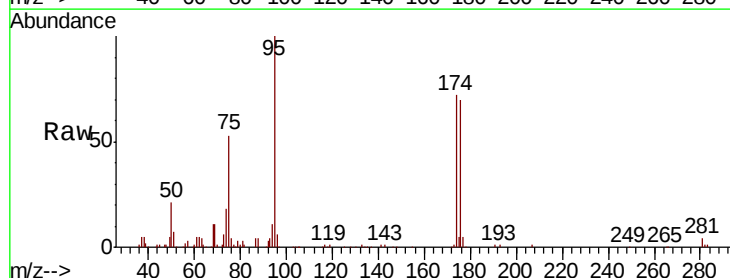
Manual Integrations
 APPROVED

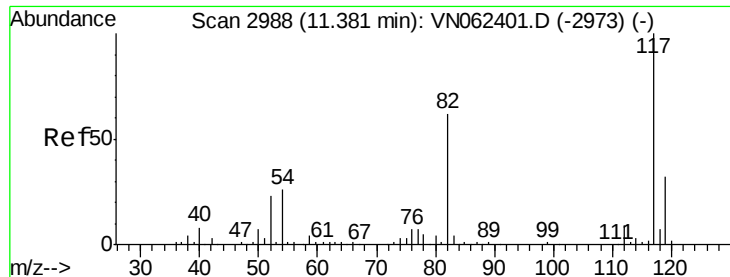
MMDadoda
 7/13/2020 11:19:15 AM



#62
 4-Bromofluorobenzene
 Concen: 51.157 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062492.D
 Acq: 10 Jul 2020 14:43

Tgt Ion: 95 Resp: 153336
 Ion Ratio Lower Upper
 95 100
 174 71.6 0.0 141.6
 176 69.0 0.0 137.2





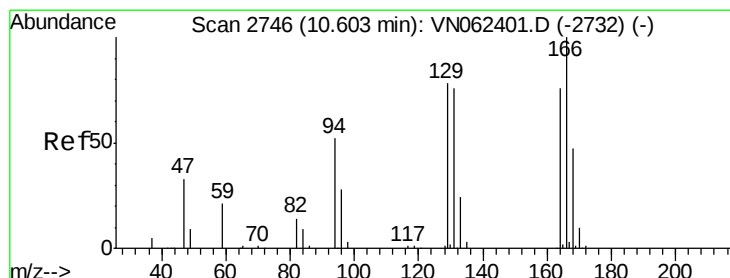
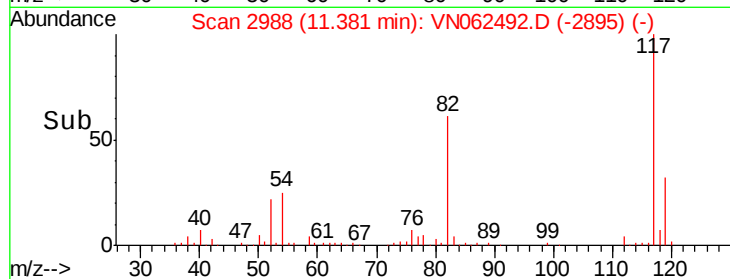
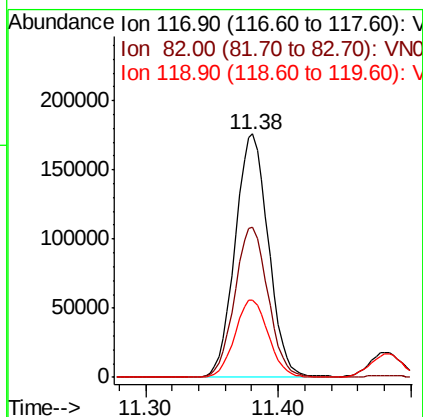
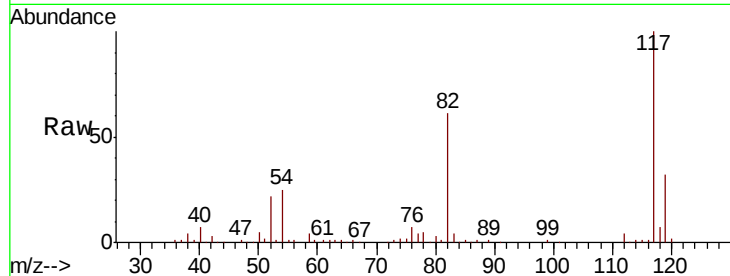
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.5	49.6	74.4
119	31.8	25.4	38.0

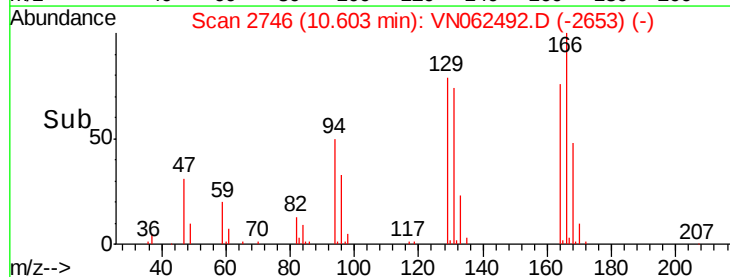
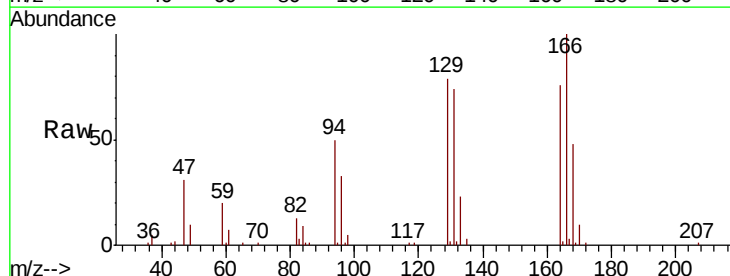
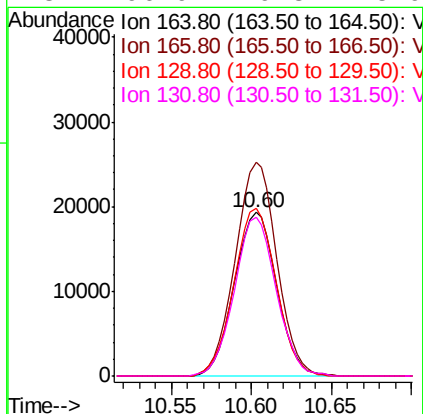
Manual Integrations
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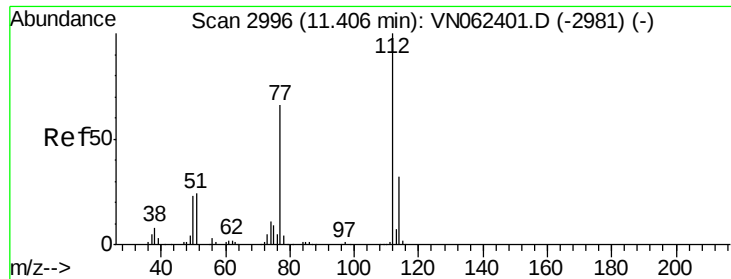
MMDadoda
7/13/2020 11:19:15 AM



#64
Tetrachloroethene
Concen: 19.099 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.8	104.9	157.3
129	103.1	81.8	122.6
131	96.9	79.3	118.9





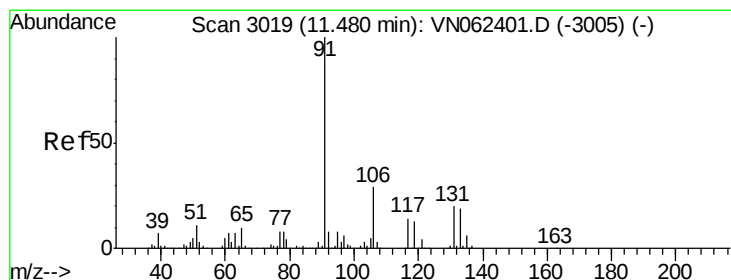
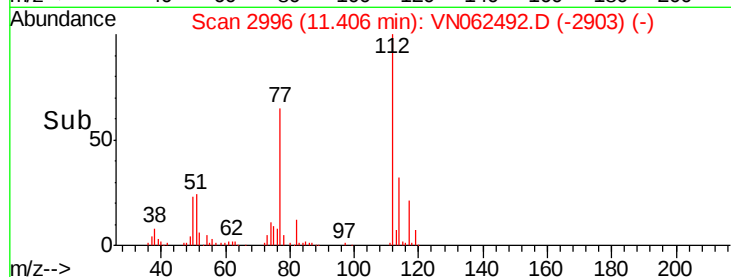
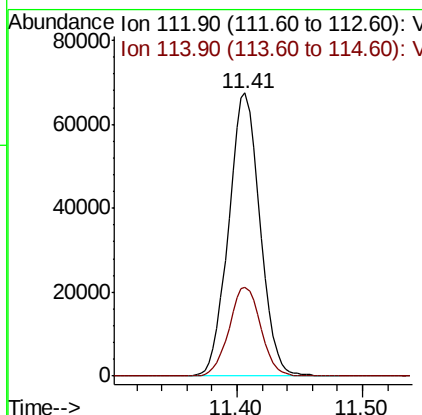
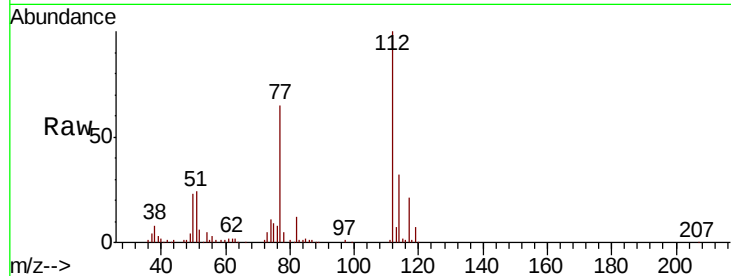
#65
Chlorobenzene
Concen: 19.591 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.9	38.9

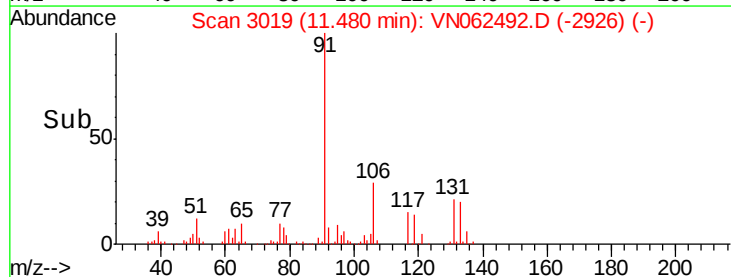
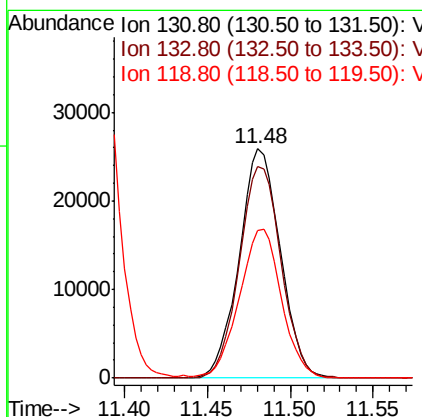
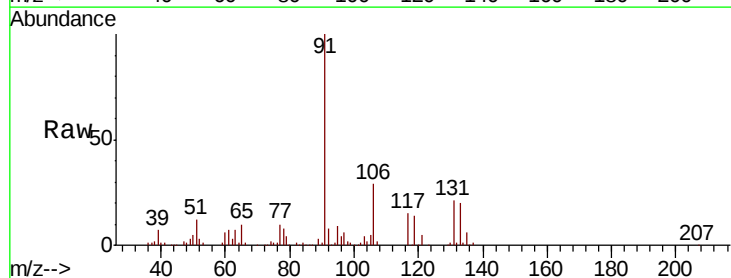
Manual Integrations
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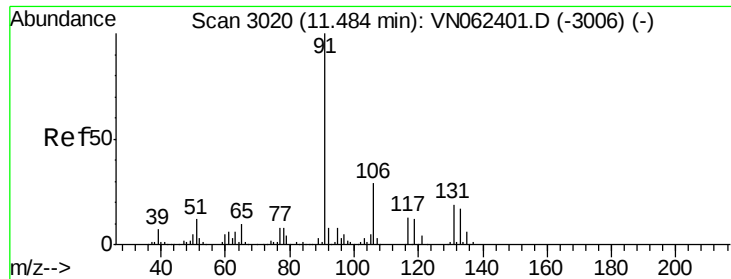
MMDadoda
7/13/2020 11:19:15 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.289 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.6	46.9	140.8
119	66.4	33.2	99.6





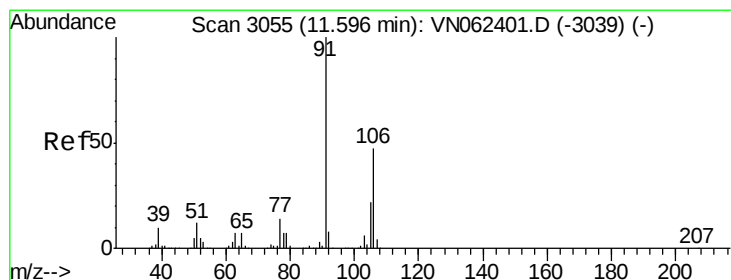
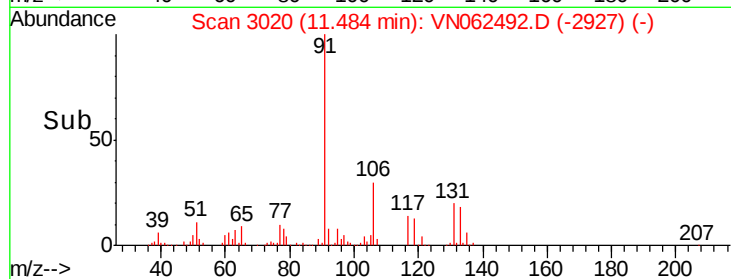
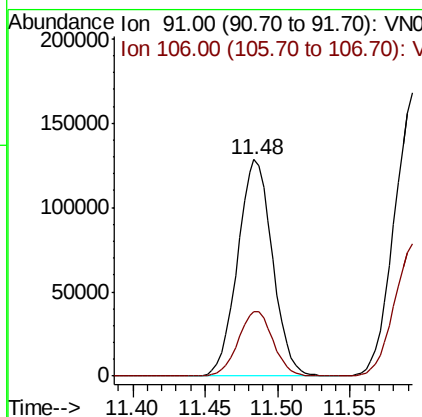
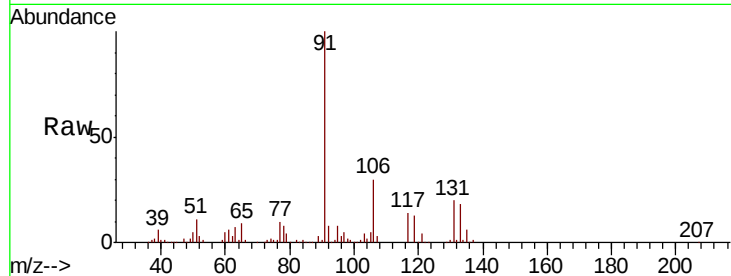
#67
Ethyl Benzene
Concen: 19.133 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Instrument :
MSVOA_N
ClientSampled :
VN0710WBS01

Tot Ion	91	Resp	214592
Ion Ratio	100	Lower	Upper
106	30.0	23.4	35.2

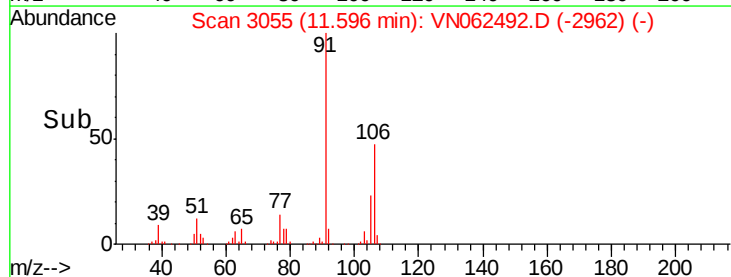
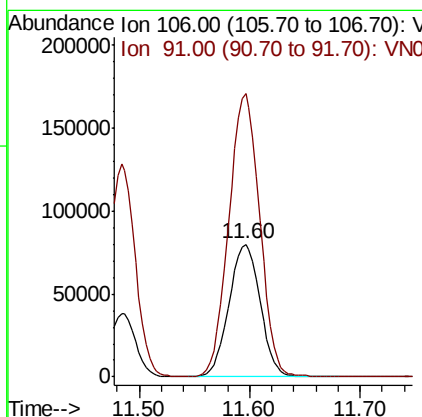
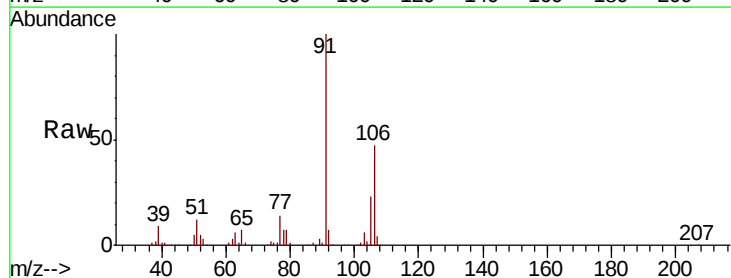
Manual Integrations
APPROVED

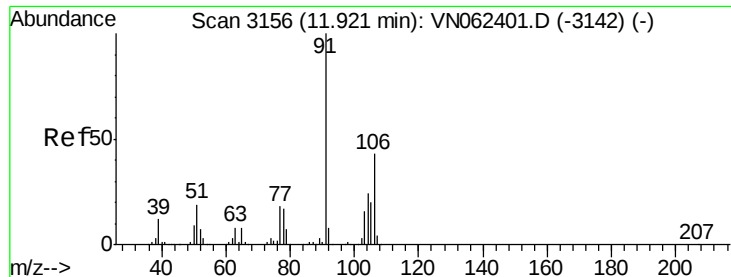
MMDadoda
7/13/2020 11:19:15 AM



#68
m/p-Xylenes
Concen: 39.580 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Tgt Ion	106	Resp	157151
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
91	211.2	172.4	258.6





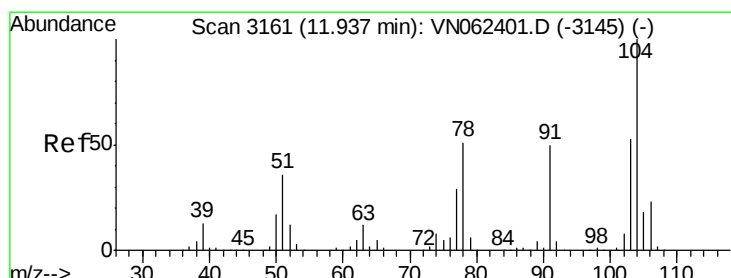
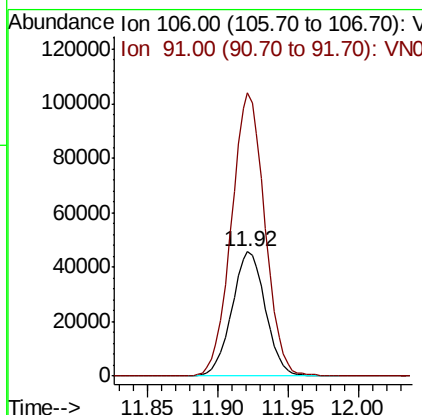
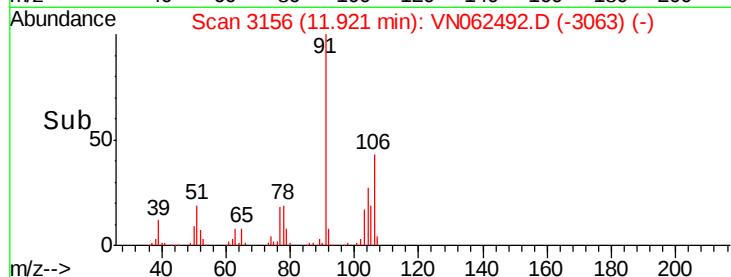
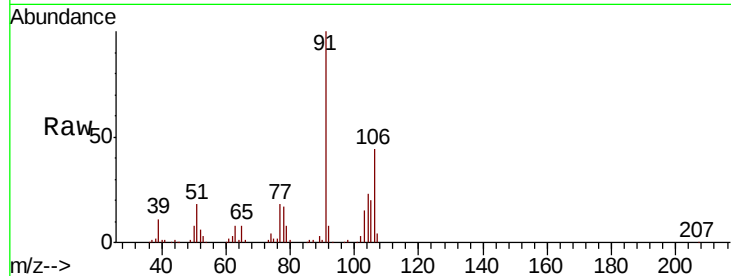
#69
o-Xylene
Concen: 19.671 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	226.8	113.8	341.4	

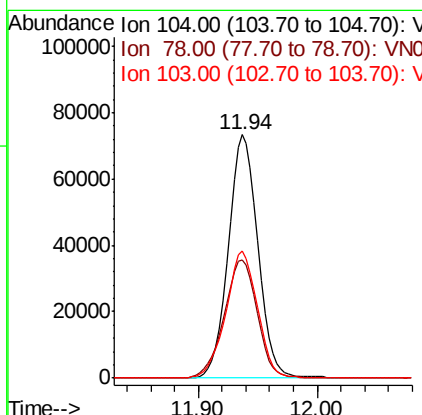
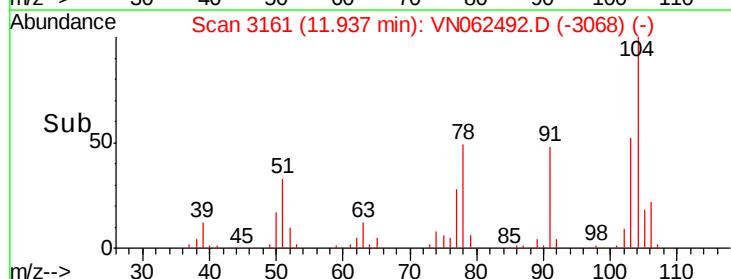
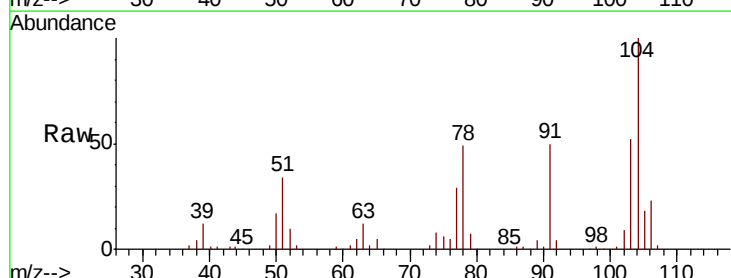
Manual Integrations
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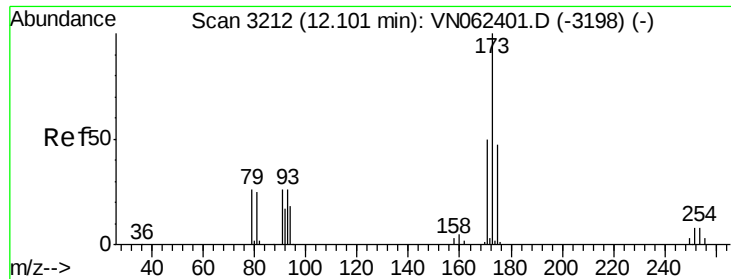
MMDadoda
7/13/2020 11:19:15 AM



#70
Styrene
Concen: 19.755 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	54.5	44.2	66.4	
103	55.9	44.4	66.6	





#71

Bromoform

Concen: 20.709 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

VN0710WBS01

Tot Ion:173 Resp: 33451

Ion Ratio Lower Upper

173 100

175 49.1 23.7 71.1

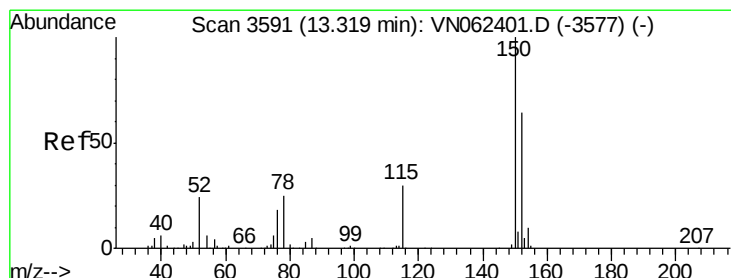
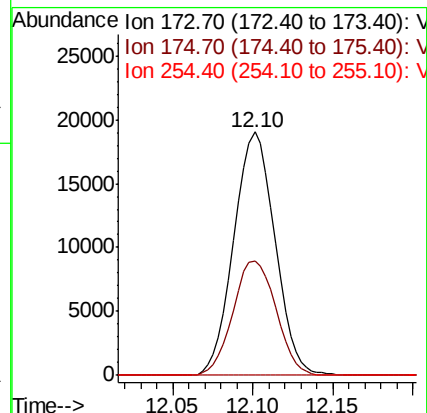
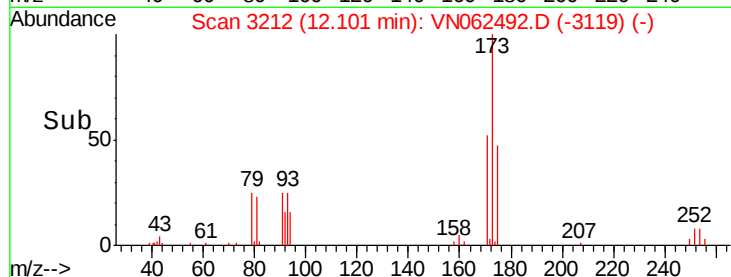
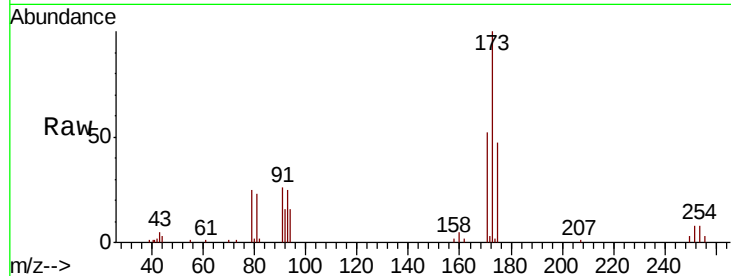
254 0.0 0.0 0.0

Manual Integrations

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

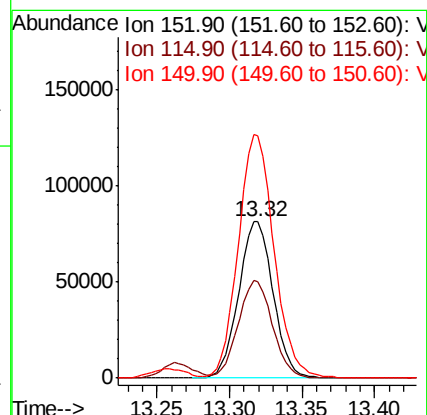
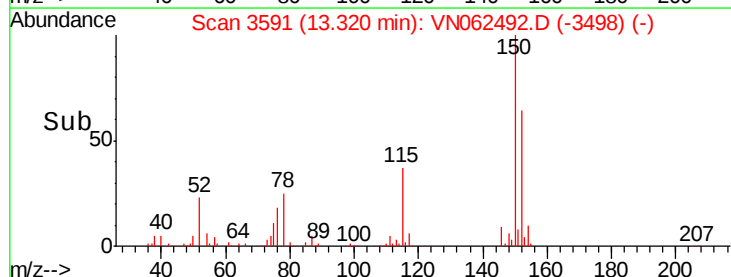
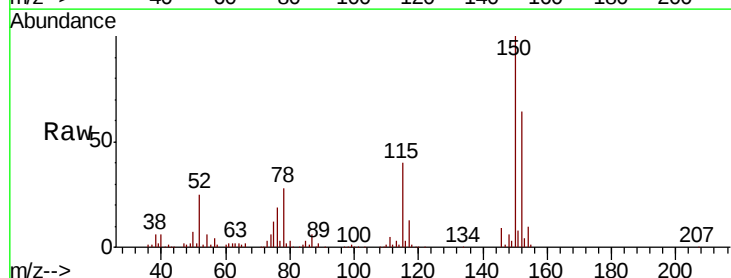
Tgt Ion:152 Resp: 134138

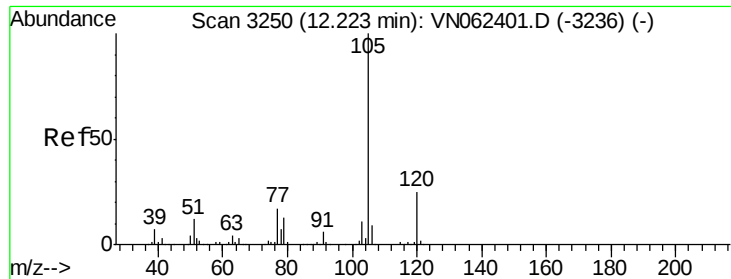
Ion Ratio Lower Upper

152 100

115 62.1 31.4 94.2

150 161.7 0.0 347.4





#73

Isopropylbenzene

Concen: 19.523 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

VN0710WBS01

Tot Ion: 105 Resp: 202649

Ion Ratio Lower Upper

105 100

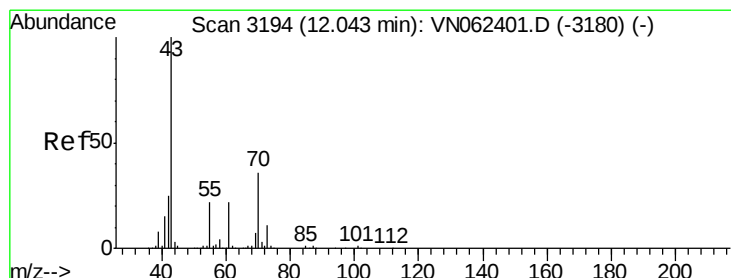
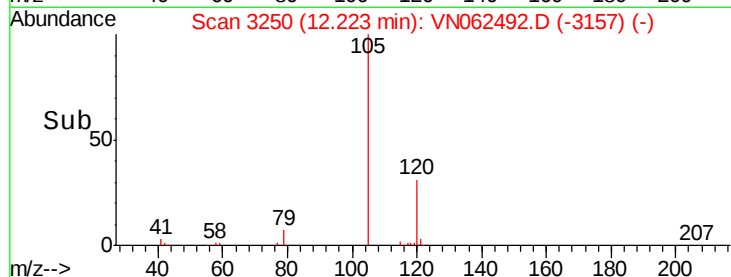
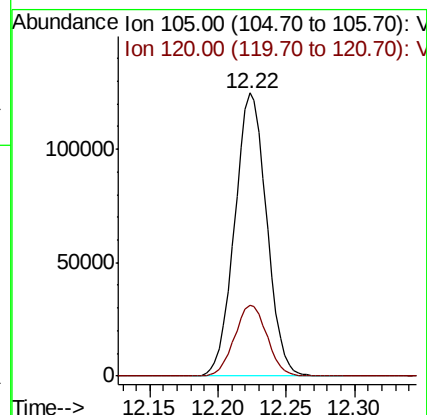
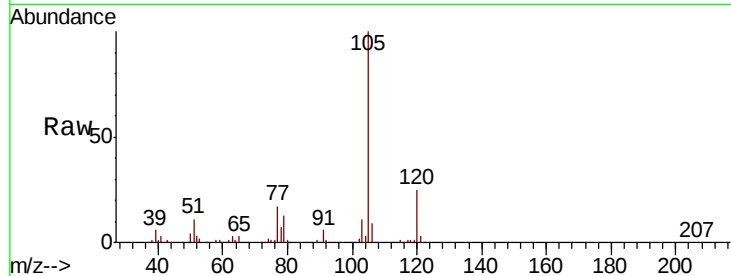
120 25.5 12.7 38.1

Manual Integrations

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#74

N-ethyl acetate

Concen: 20.042 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Tgt Ion: 43 Resp: 101255

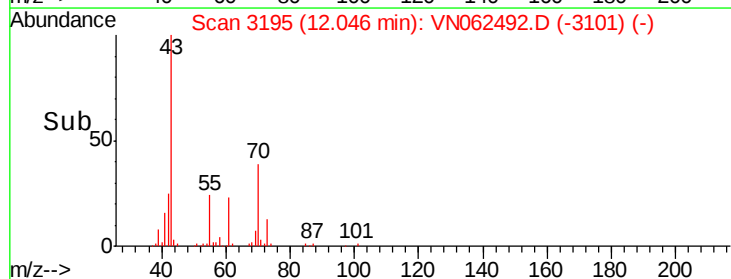
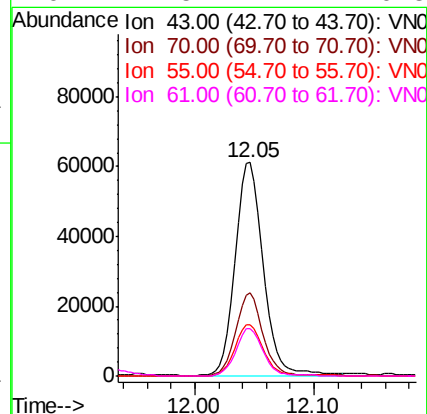
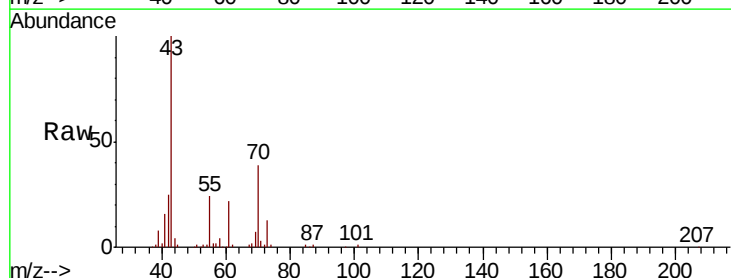
Ion Ratio Lower Upper

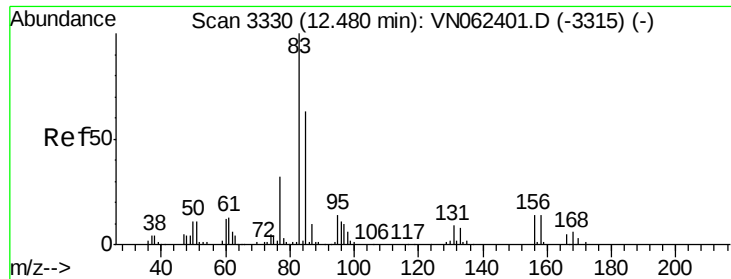
43 100

70 37.1 30.0 45.0

55 24.3 18.2 27.4

61 21.5 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.620 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Instrument :

MSVOA_N

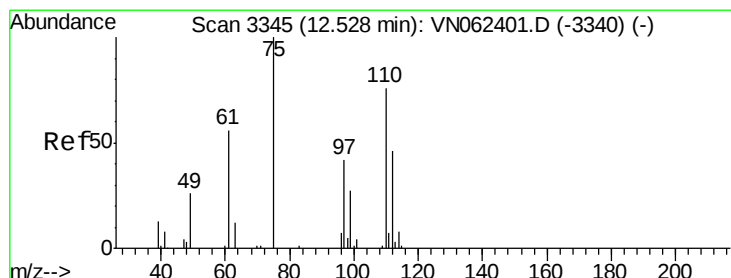
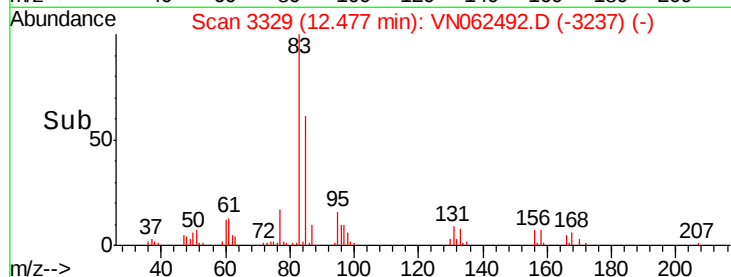
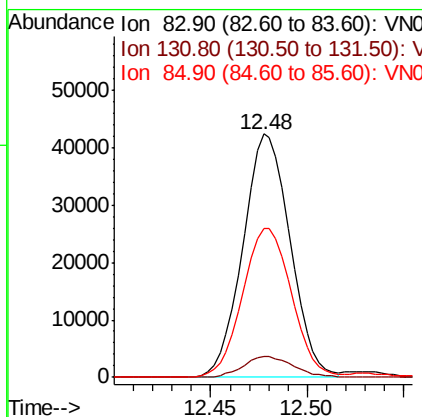
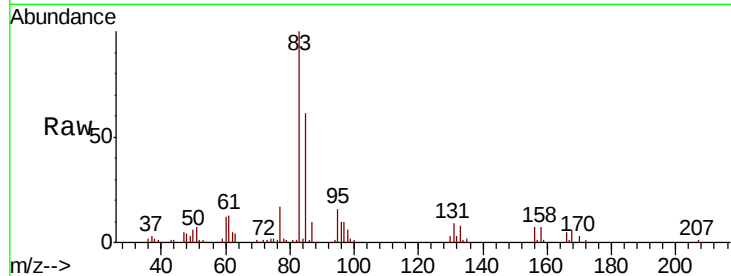
ClientSampleId :

VN0710WBS01

Tot Ion:	83	Resp:	71965
Ion	Ratio	Lower	Upper
83	100		
131	9.0	4.5	13.5
85	63.7	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.391 ug/l m

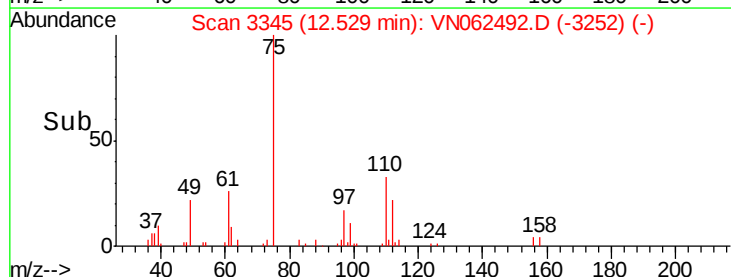
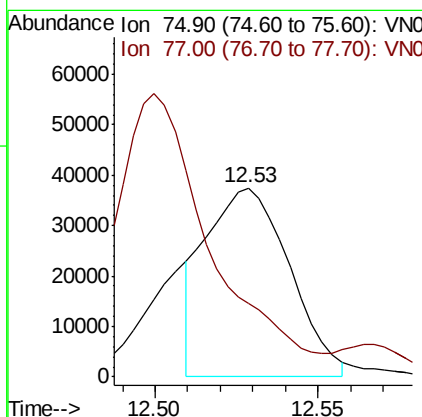
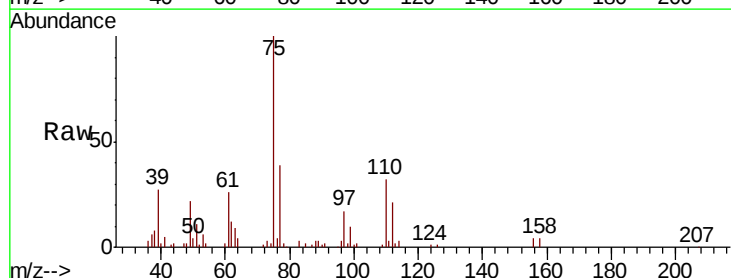
RT: 12.53 min Scan# 3345

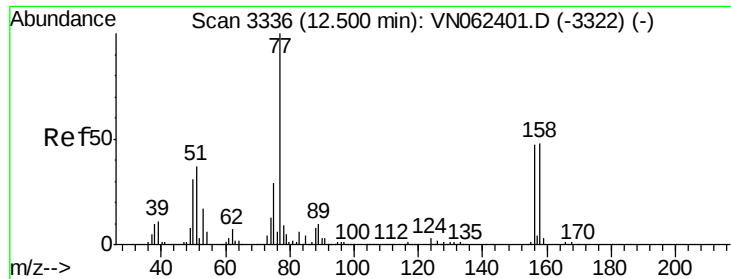
Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Tgt Ion:	75	Resp:	67114
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.799 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Instrument :

MSVOA_N

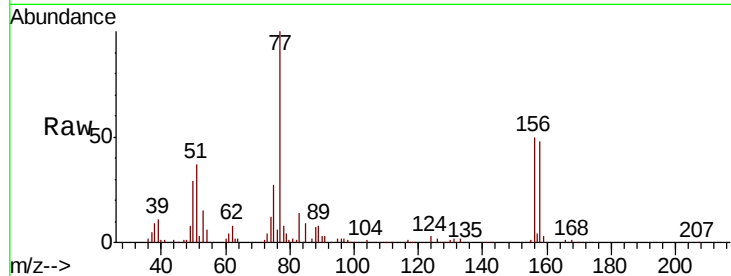
ClientSampleId :

VN0710WBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	247.6	126.4	379.3	
158	98.6	49.8	149.4	

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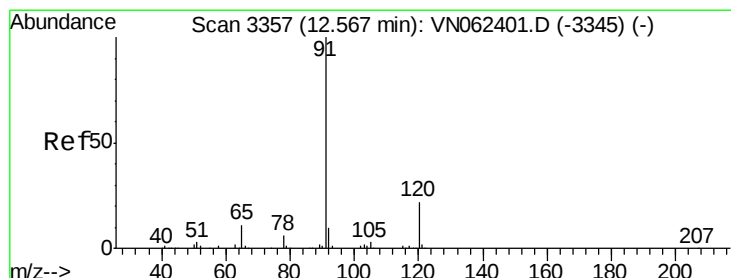
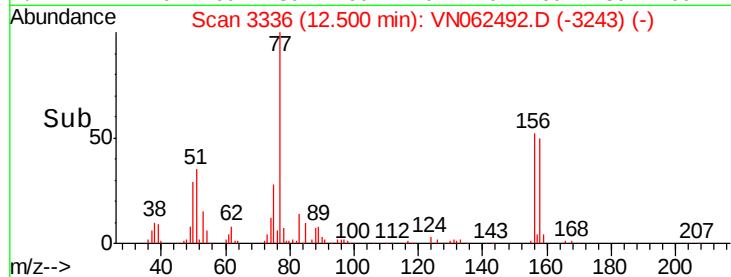
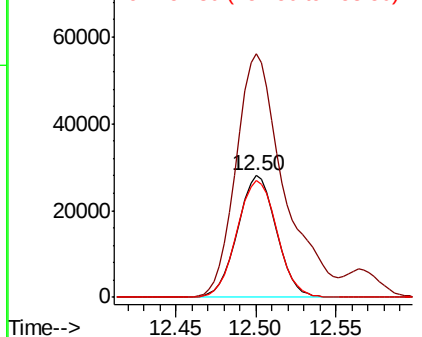
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.219 ug/l

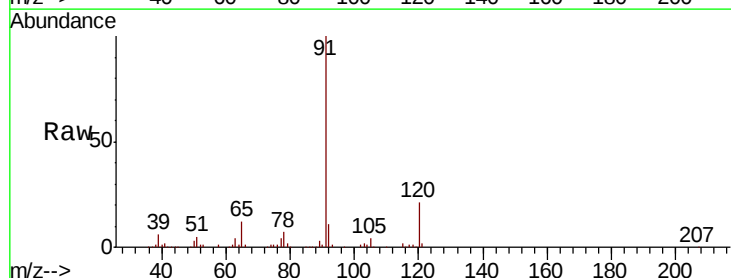
RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062492.D

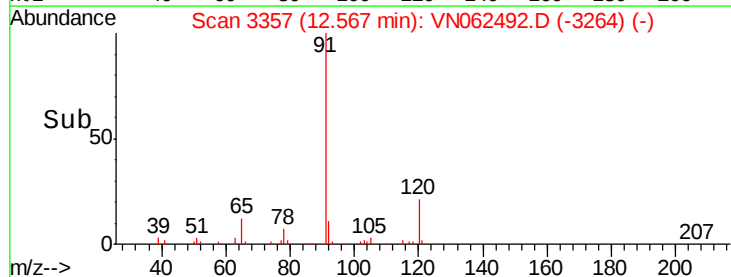
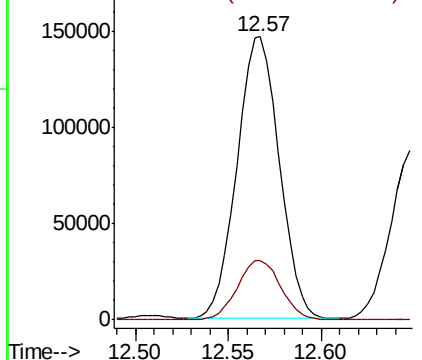
Acq: 10 Jul 2020 14:43

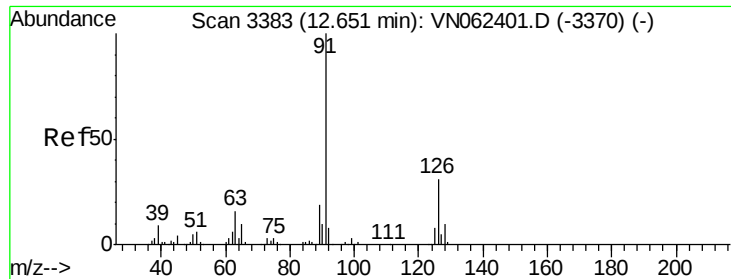
Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	21.6	10.7	32.1	



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.459 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

VN0710WBS01

Tot Ion: 91 Resp: 143193

Ion Ratio Lower Upper

91 100

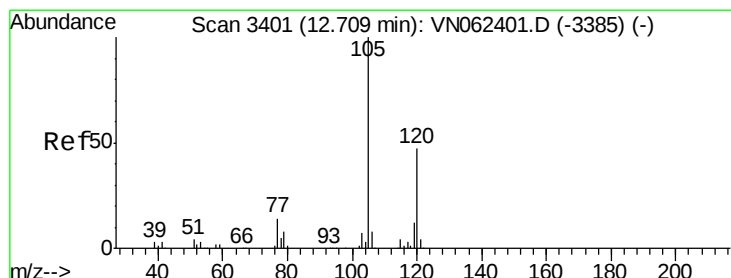
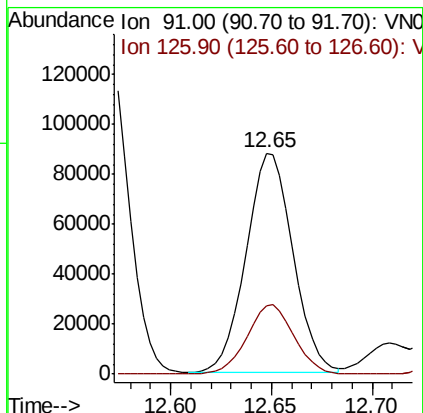
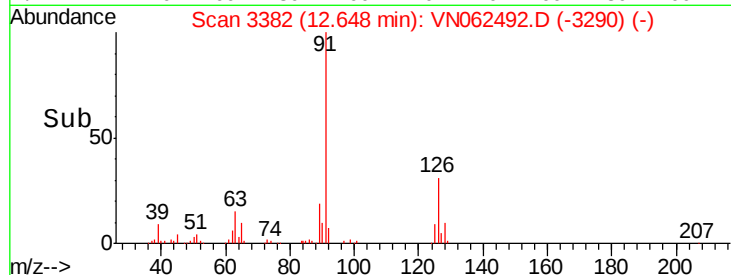
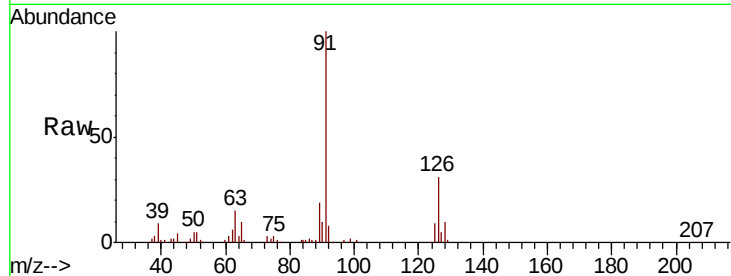
126 31.7 15.6 46.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.039 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062492.D

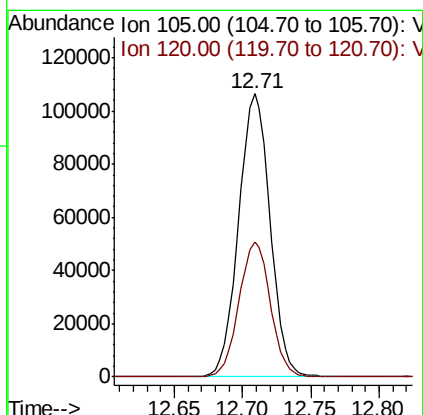
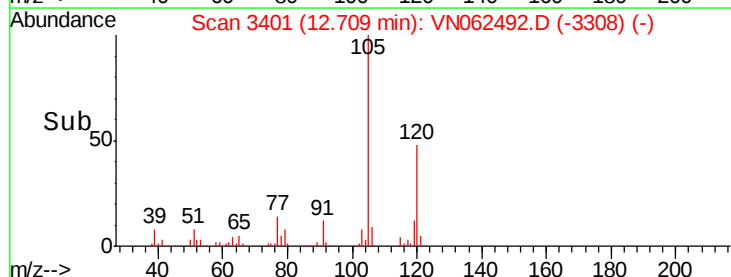
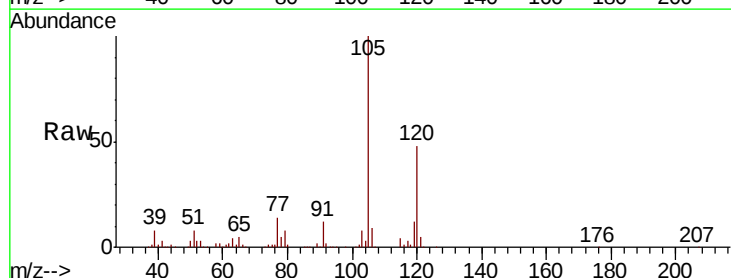
Acq: 10 Jul 2020 14:43

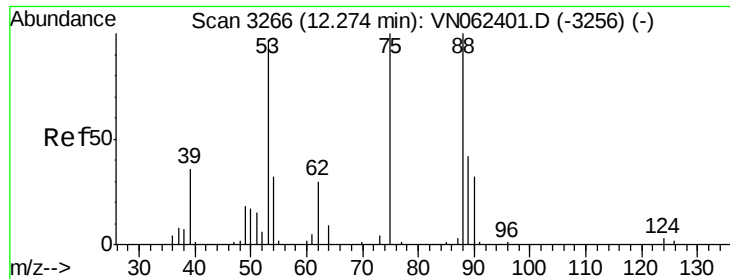
Tgt Ion: 105 Resp: 170512

Ion Ratio Lower Upper

105 100

120 47.5 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 19.055 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Instrument :

MSVOA_N

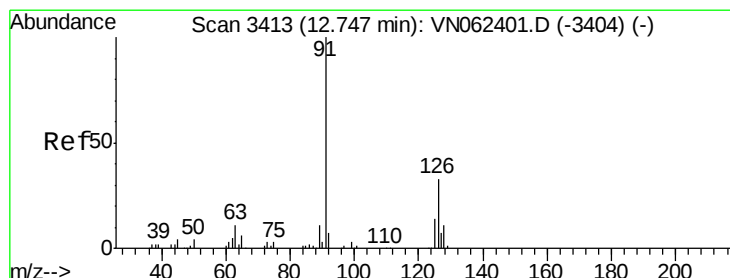
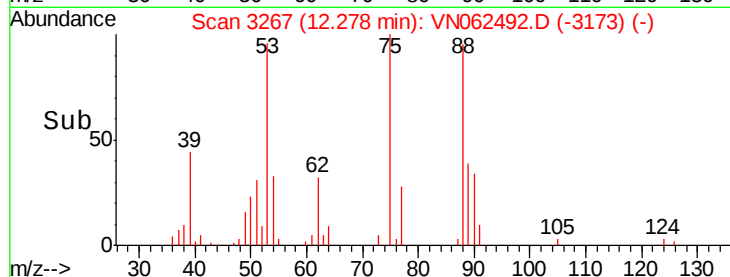
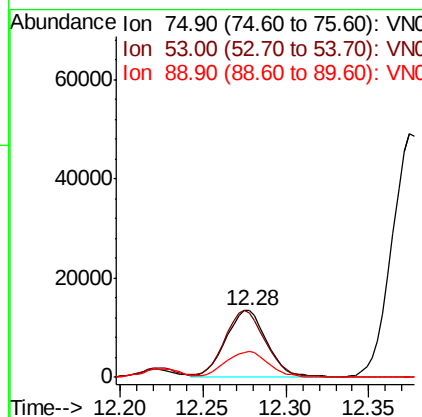
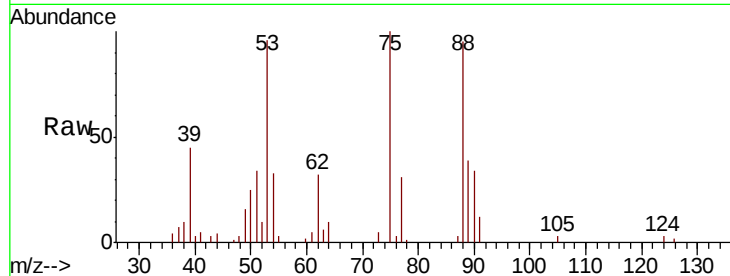
ClientSampleId :

VN0710WBS01

Tot Ion:	75	Resp:	23431
Ion	Ratio	Lower	Upper
75	100		
53	99.5	79.2	118.8
89	39.7	34.6	52.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.672 ug/l

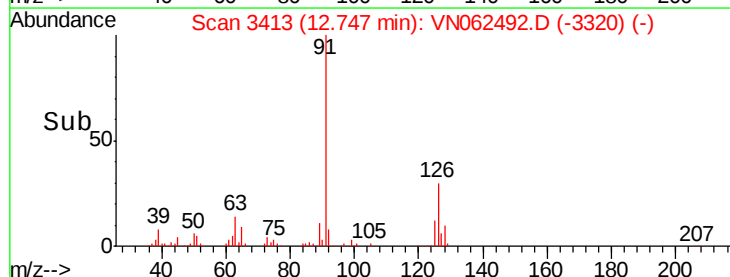
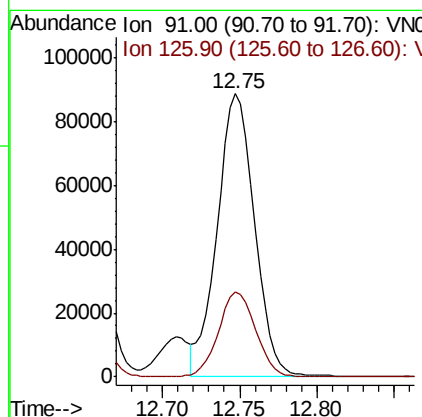
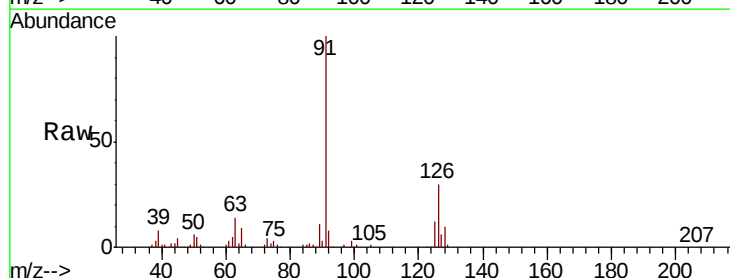
RT: 12.75 min Scan# 3413

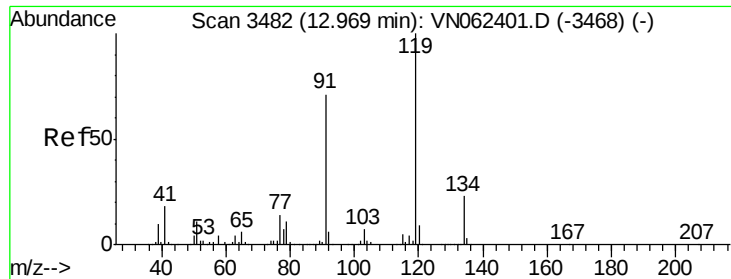
Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Tgt Ion:	91	Resp:	146966
Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.2	45.6





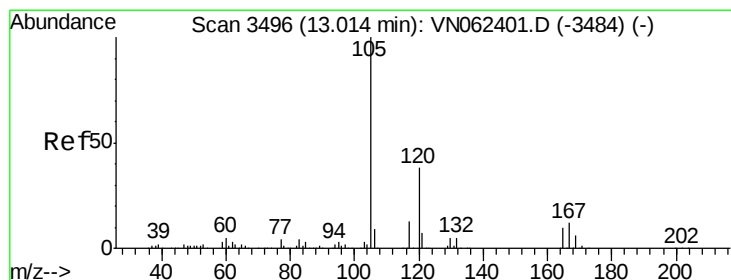
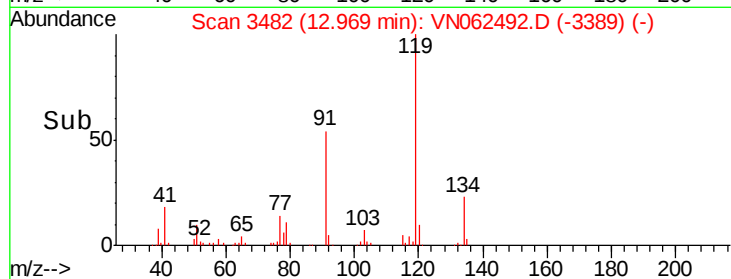
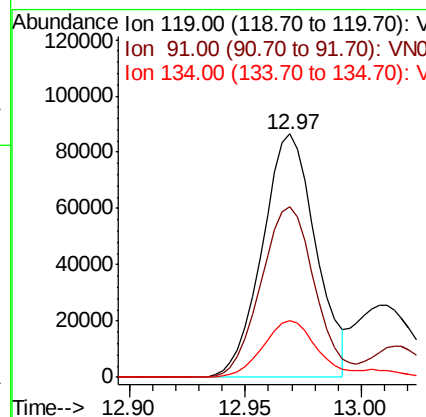
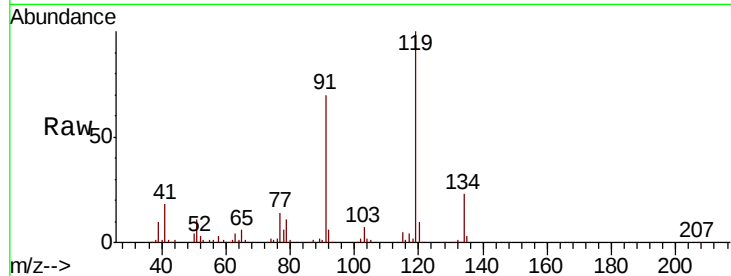
#83
tert-Butylbenzene
Concen: 19.277 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.8	34.8	104.3
134	23.6	11.7	35.0

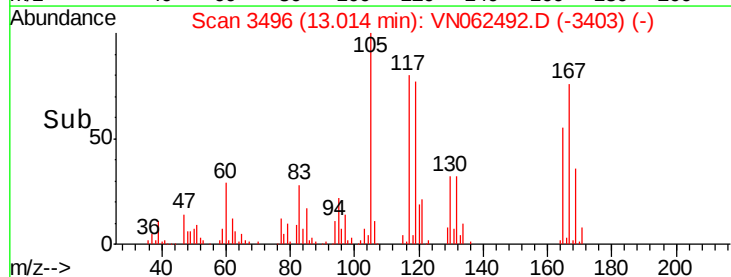
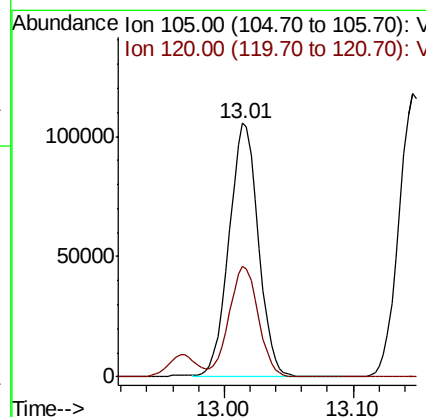
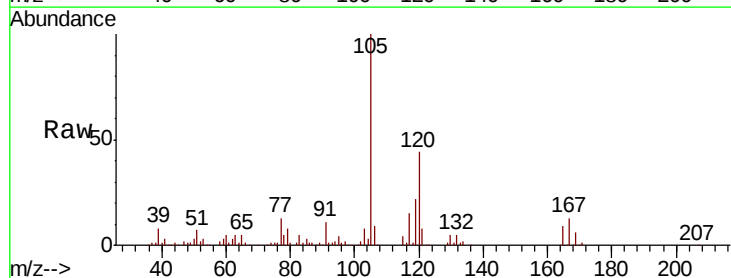
Manual Integrations
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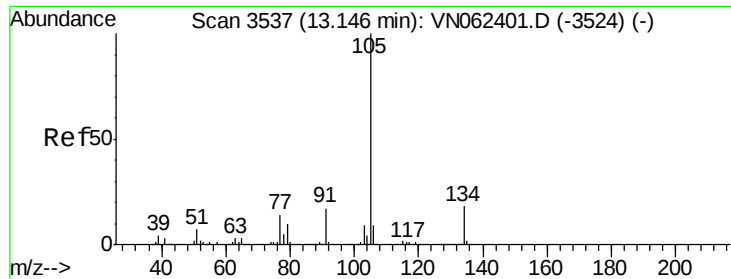
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 19.687 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.7	21.6	64.8





#85

sec-Butylbenzene

Concen: 19.750 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Instrument :

MSVOA_N

ClientSampled :

VN0710WBS01

Tot Ion:105 Resp: 188986

Ion Ratio Lower Upper

105 100

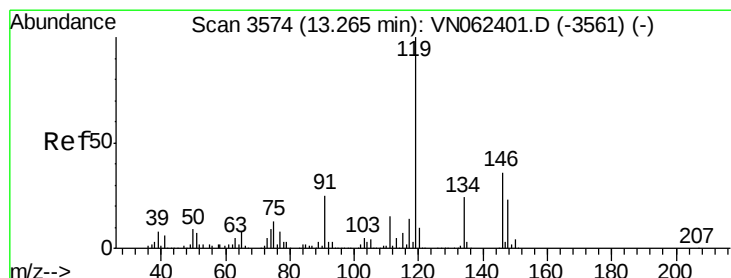
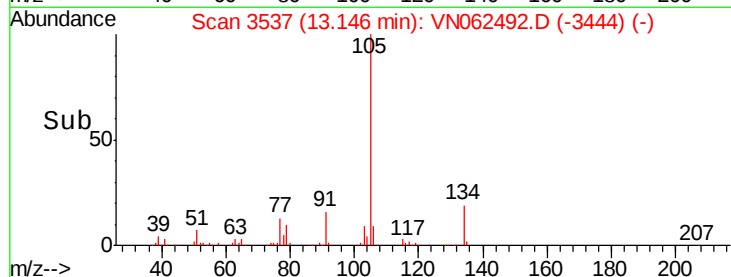
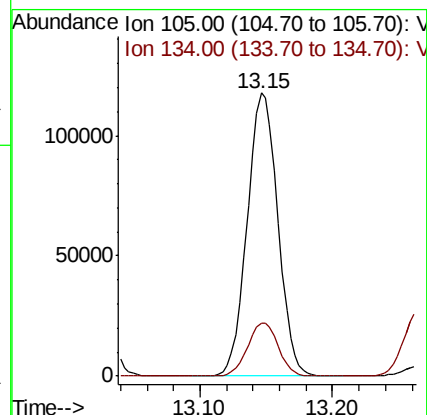
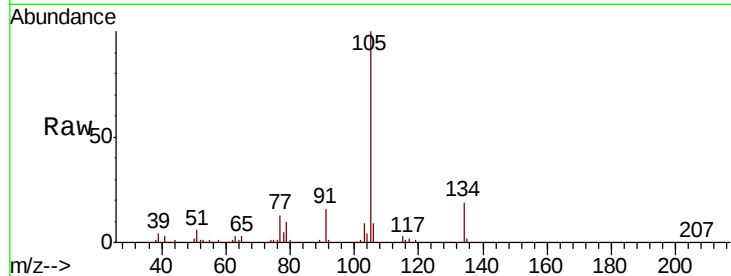
134 18.8 9.3 28.0

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 19.902 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

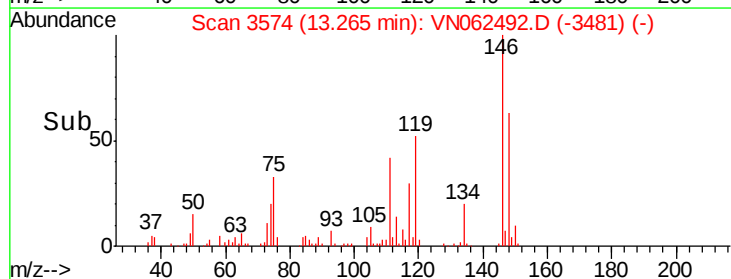
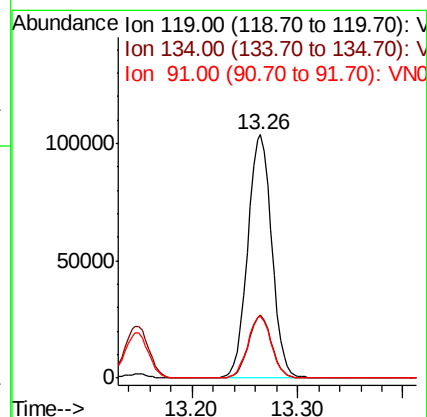
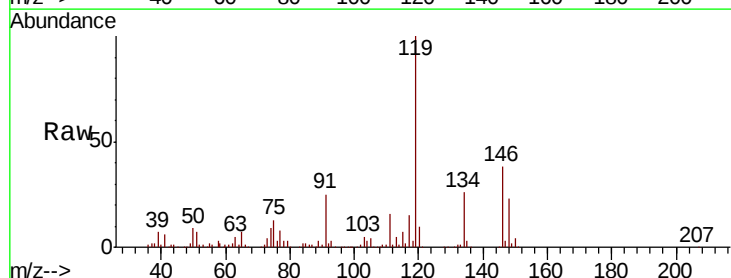
Tgt Ion:119 Resp: 164368

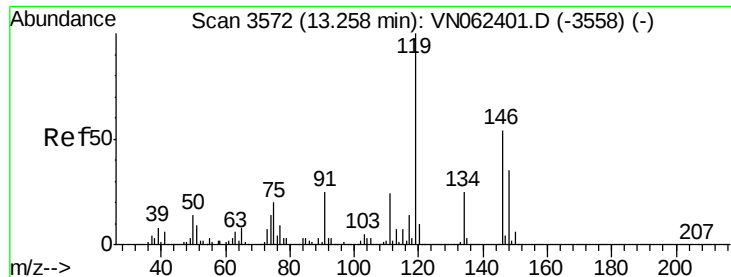
Ion Ratio Lower Upper

119 100

134 24.9 12.4 37.0

91 25.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.706 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Instrument :

MSVOA_N

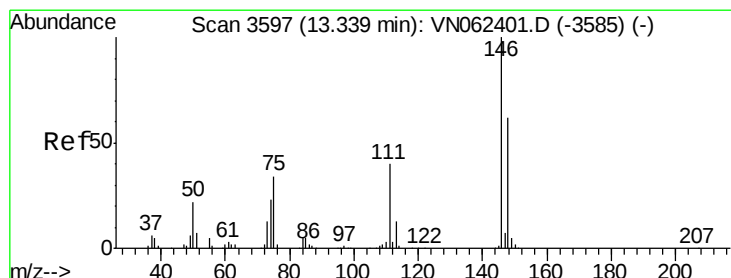
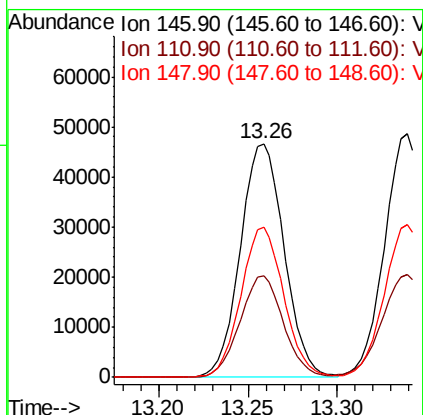
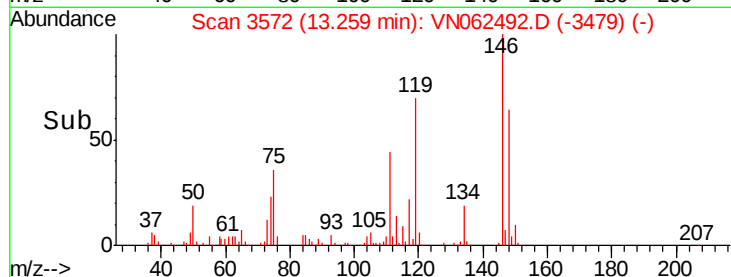
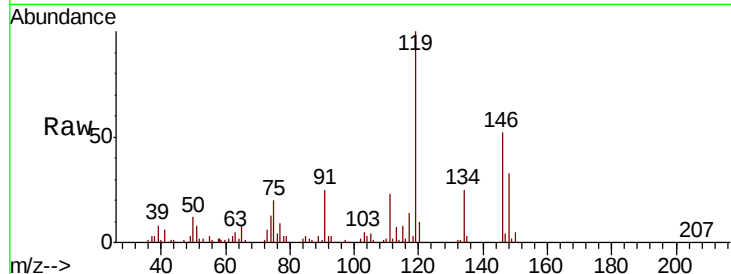
ClientSampleId :

VN0710WBS01

Tot Ion:	146	Resp:	80220
Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.6	64.6
148	62.8	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.306 ug/l

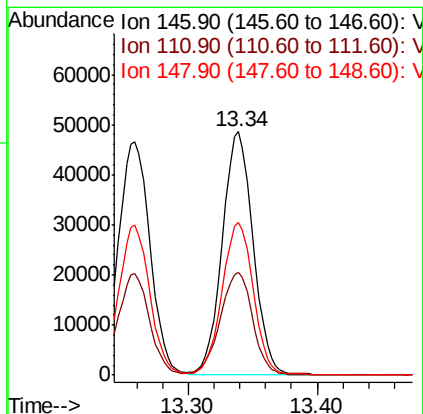
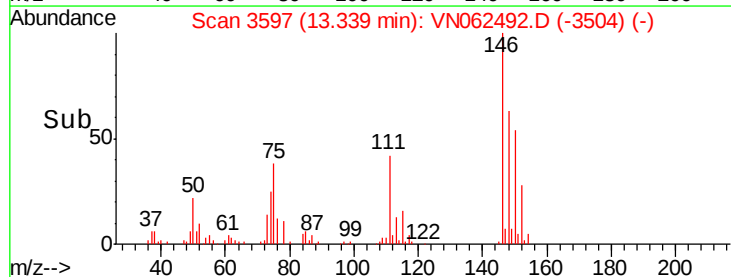
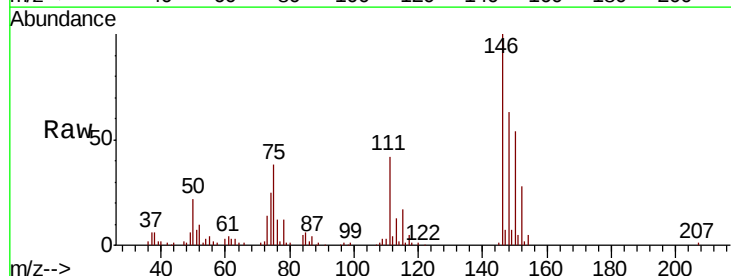
RT: 13.34 min Scan# 3597

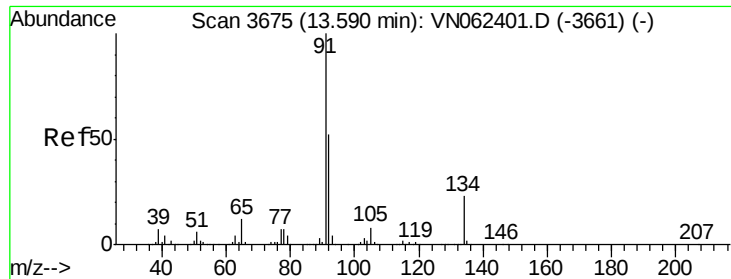
Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Tgt Ion:	146	Resp:	80870
Ion	Ratio	Lower	Upper
146	100		
111	44.6	21.1	63.1
148	63.6	31.4	94.2





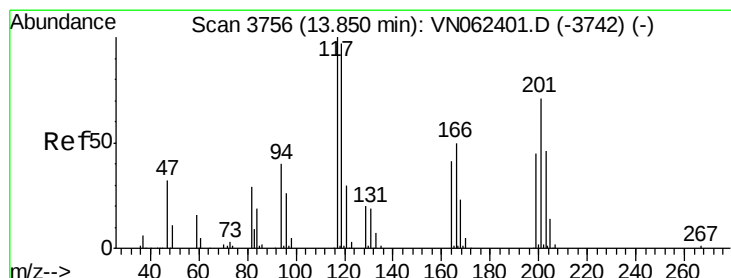
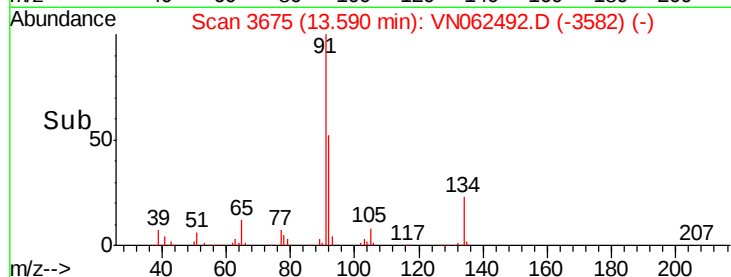
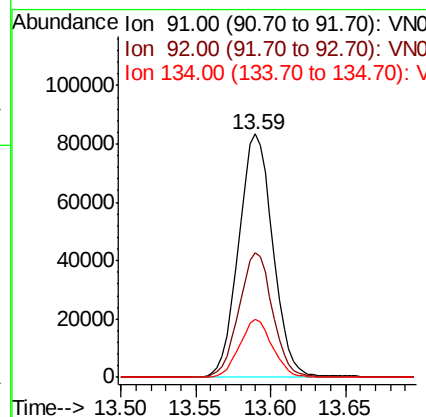
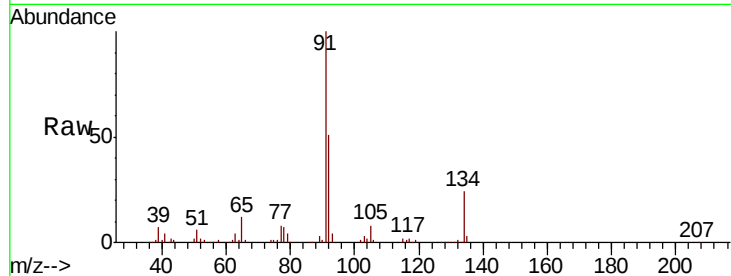
#89
n-Butylbenzene
Concen: 18.243 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.5	25.9	77.7
134	22.9	11.6	34.8

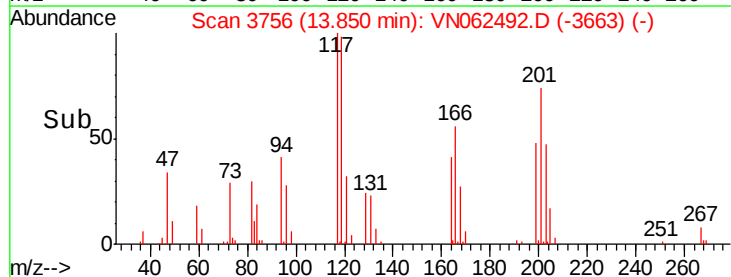
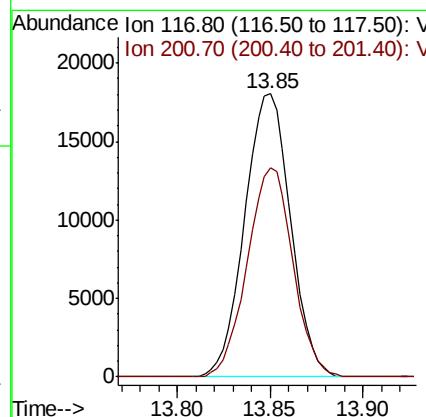
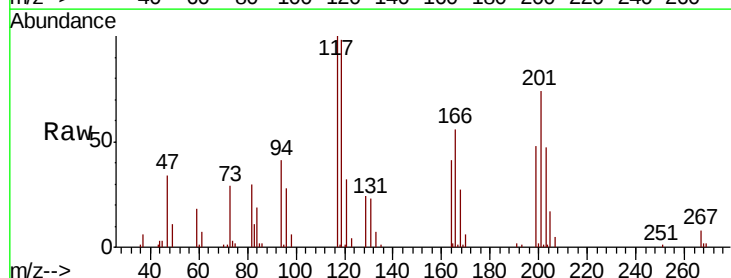
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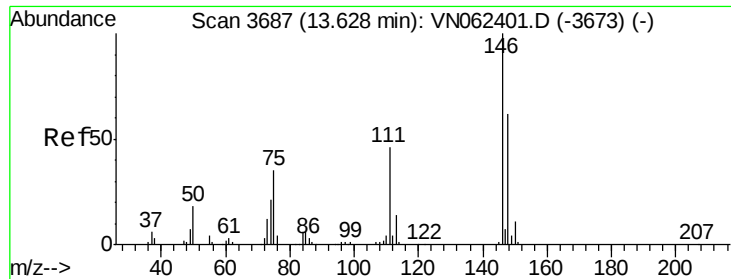
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#90
Hexachloroethane
Concen: 19.076 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.3	35.4	106.2





#91

1,2-Dichlorobenzene

Concen: 20.198 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Instrument :

MSVOA_N

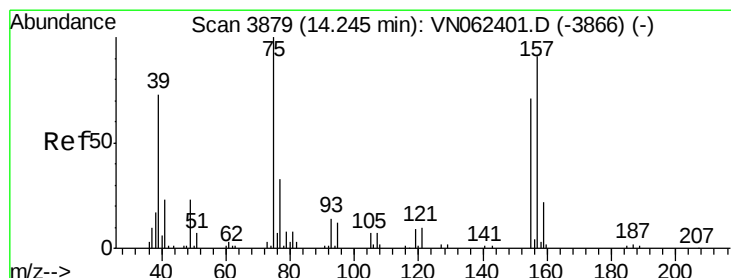
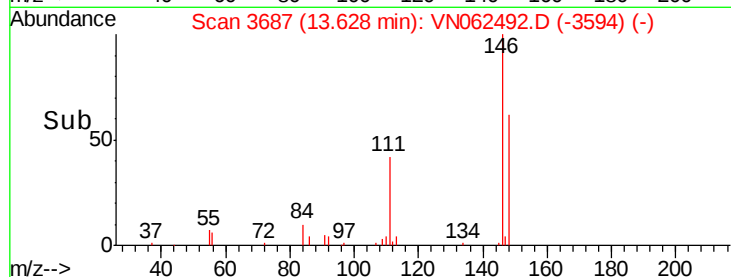
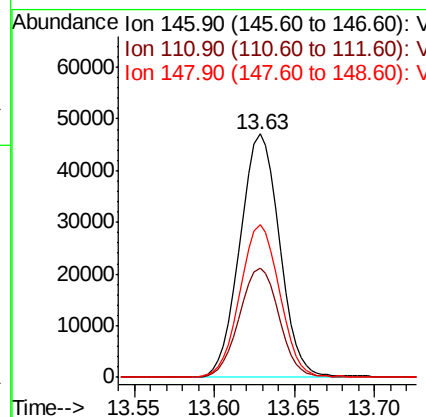
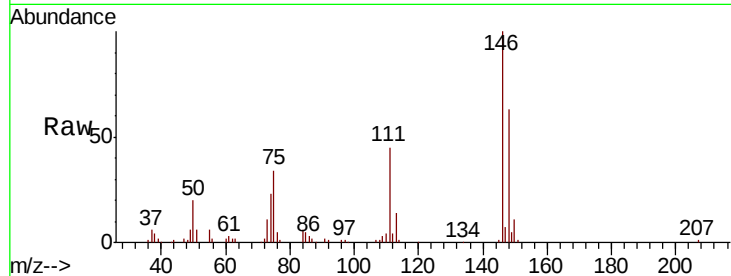
ClientSampleId :

VN0710WBS01

Tot Ion:	146	Resp:	79502
Ion Ratio	Lower	Upper	
146	100		
111	44.9	22.5	67.5
148	62.8	31.4	94.2

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.664 ug/l

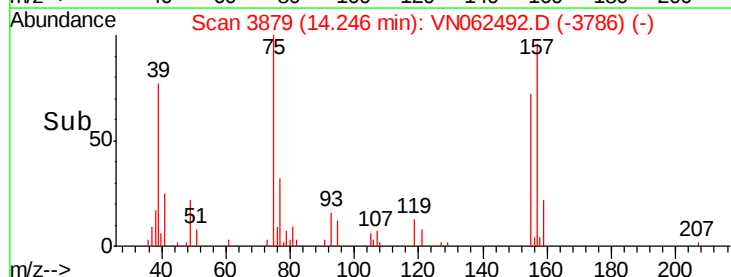
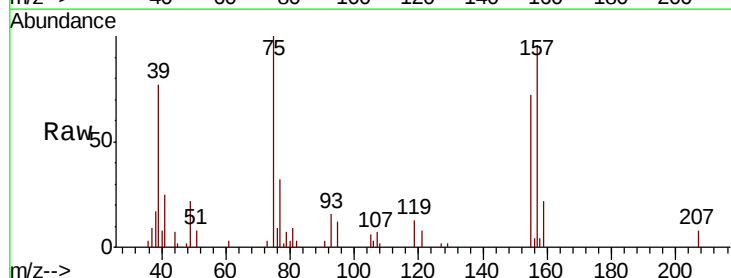
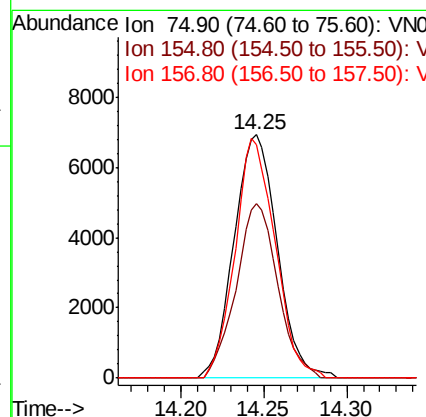
RT: 14.25 min Scan# 3879

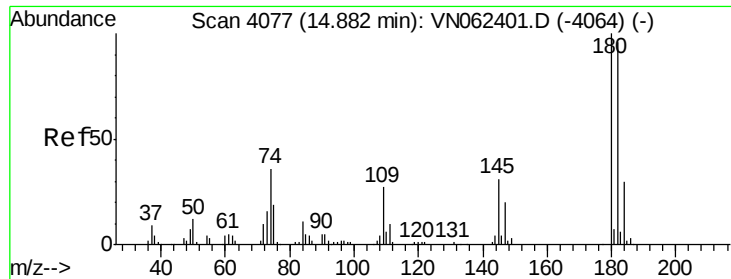
Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Tgt Ion:	75	Resp:	12524
Ion Ratio	Lower	Upper	
75	100		
155	69.2	35.2	105.6
157	91.9	45.8	137.3





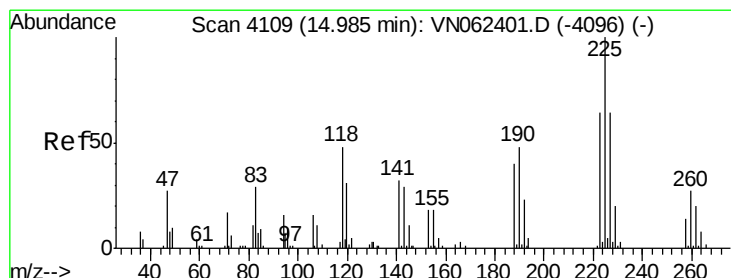
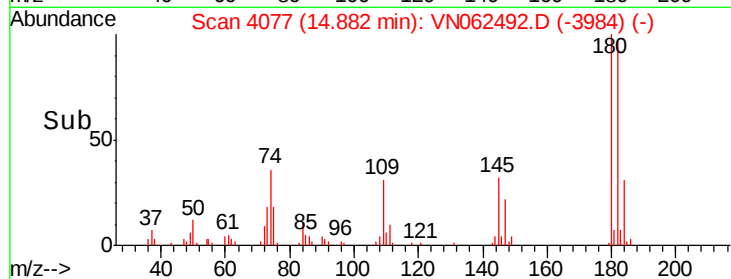
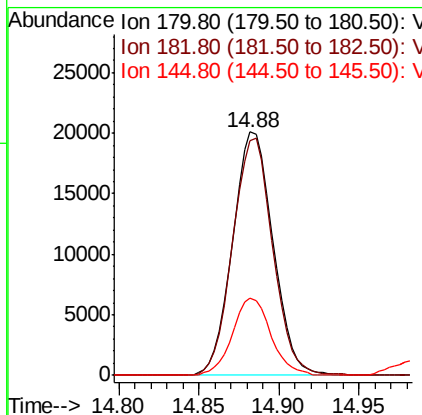
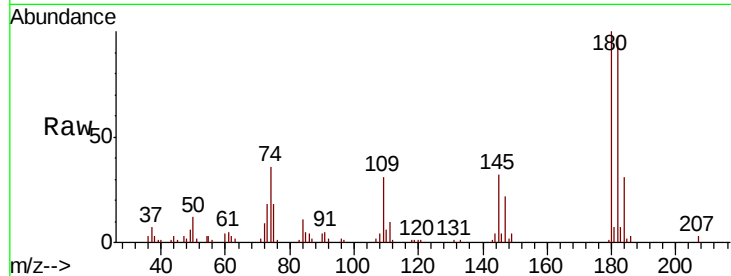
#93
1,2,4-Trichlorobenzene
Concen: 18.609 ug/l
RT: 14.88 min Scan# 4077
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	48.4	145.2
145	30.1	15.5	46.5

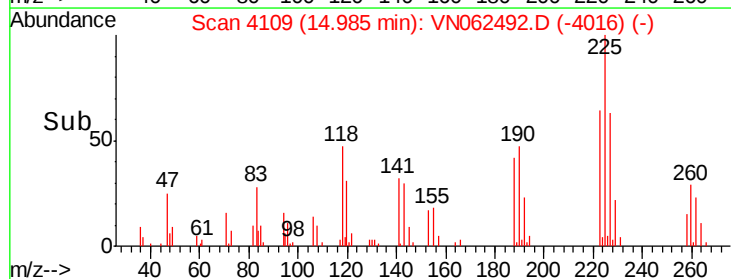
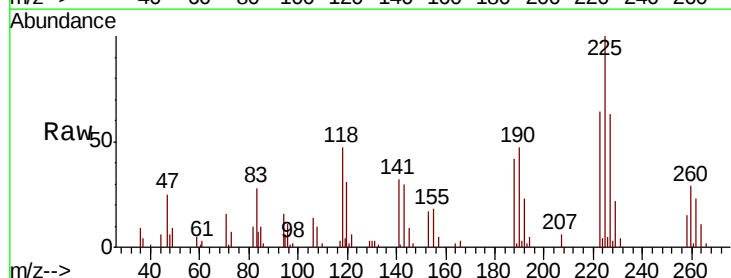
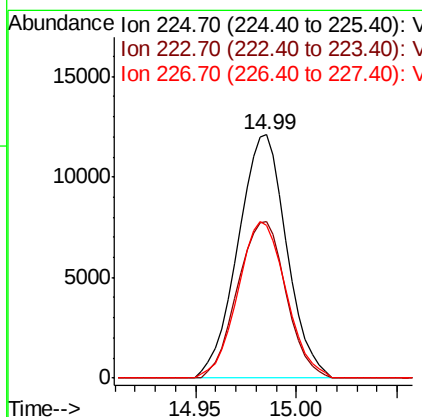
Manual Integrations
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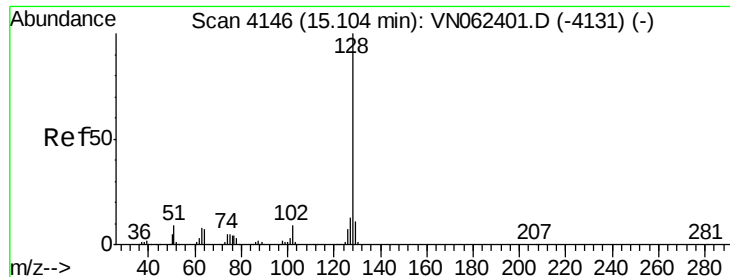
MMDadoda
7/13/2020 11:19:15 AM



#94
Hexachlorobutadiene
Concen: 19.568 ug/l
RT: 14.99 min Scan# 4109
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	32.3	96.8
227	63.9	31.9	95.7





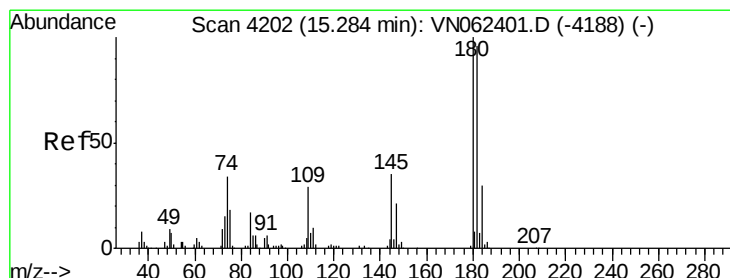
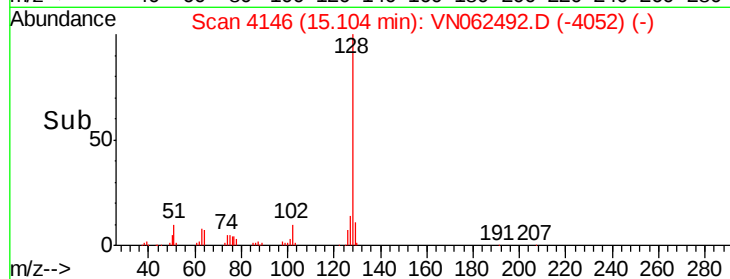
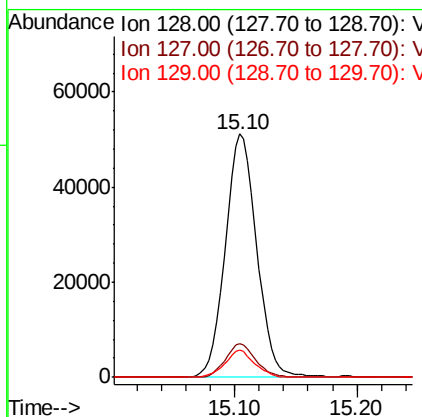
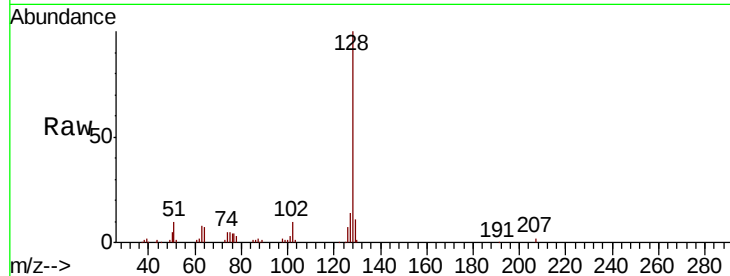
#95
Naphthalene
Concen: 19.355 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	10.4	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.292 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.8	143.4
145	31.8	17.0	50.9

