

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062520\
 Data File : VN062121.D
 Acq On : 25 Jun 2020 19:18
 Operator : JC/MD
 Sample : VN0625WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 10:34:19 AM

Quant Time: Jun 26 04:08:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	254623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	452484	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	413136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	186503	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	172042	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
35) Dibromofluoromethane	7.55	113	144485	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	10.06	98	551900	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
62) 4-Bromofluorobenzene	12.38	95	183840	46.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	51387	17.855	ug/l	96
3) Chloromethane	2.03	50	70577	20.028	ug/l	98
4) Vinyl Chloride	2.16	62	83996	18.532	ug/l	99
5) Bromomethane	2.53	94	53980	18.428	ug/l	98
6) Chloroethane	2.67	64	57648	18.619	ug/l	98
7) Trichlorofluoromethane	2.98	101	101083	18.100	ug/l	99
8) Diethyl Ether	3.37	74	38460	19.722	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	51266	17.529	ug/l	97
10) Methyl Iodide	3.91	142	65285	19.821	ug/l	98
11) Tert butyl alcohol	4.74	59	52732	102.785	ug/l	98
12) 1,1-Dichloroethene	3.70	96	56289	19.253	ug/l	94
13) Acrolein	3.56	56	42873	85.355	ug/l	99
14) Allyl chloride	4.28	41	74733	18.775	ug/l	95
15) Acrylonitrile	4.93	53	133010	95.140	ug/l	100
16) Acetone	3.78	43	104059	90.189	ug/l	97
17) Carbon Disulfide	4.01	76	148233	17.734	ug/l	100
18) Methyl Acetate	4.28	43	53353	18.783	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	187101	20.027	ug/l	99
20) Methylene Chloride	4.50	84	65780	19.923	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	60946	18.298	ug/l	96
22) Diisopropyl ether	5.90	45	170827	18.848	ug/l	96
23) Vinyl Acetate	5.84	43	690416	93.303	ug/l	99
24) 1,1-Dichloroethane	5.80	63	107077	18.347	ug/l	100
25) 2-Butanone	6.79	43	164079	93.945	ug/l	98
26) 2,2-Dichloropropane	6.77	77	75208	15.464	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	68925	18.390	ug/l	97
28) Bromochloromethane	7.15	49	40349	15.934	ug/l	95
29) Tetrahydrofuran	7.17	42	110326	96.433	ug/l	98
30) Chloroform	7.33	83	110907	18.678	ug/l	100
31) Cyclohexane	7.61	56	88189	17.864	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	93663	18.704	ug/l	98
36) 1,1-Dichloropropene	7.75	75	80078	17.607	ug/l	98
37) Ethyl Acetate	6.88	43	68460	18.178	ug/l	97
38) Carbon Tetrachloride	7.73	117	79134	18.455	ug/l	94

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 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	84895	17.036	ug/l	97
40) Benzene	8.00	78	247012	17.819	ug/l	100
41) Methacrylonitrile	7.14	41	35488m	20.325	ug/l	
42) 1,2-Dichloroethane	8.09	62	84650	18.074	ug/l	100
43) Isopropyl Acetate	8.13	43	118711	19.336	ug/l #	89
44) Trichloroethene	8.80	130	64211	18.362	ug/l	94
45) 1,2-Dichloropropane	9.09	63	62570	18.296	ug/l	100
46) Dibromomethane	9.18	93	42953	18.524	ug/l	97
47) Bromodichloromethane	9.37	83	86266	18.425	ug/l	100
48) Methyl methacrylate	9.17	41	49034	17.813	ug/l	97
49) 1,4-Dioxane	9.17	88	23030	377.263	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	348005	97.019	ug/l	100
52) Toluene	10.12	92	157311	18.598	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	90970	17.661	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	99818	18.202	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	62873	18.910	ug/l	98
56) Ethyl methacrylate	10.40	69	86737	19.548	ug/l	98
57) 1,3-Dichloropropane	10.68	76	105348	18.408	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	152090	91.424	ug/l	98
59) 2-Hexanone	10.72	43	247825	95.680	ug/l	100
60) Dibromochloromethane	10.87	129	65484	18.603	ug/l	100
61) 1,2-Dibromoethane	10.98	107	64560	18.897	ug/l	97
64) Tetrachloroethene	10.60	164	53299	18.886	ug/l	97
65) Chlorobenzene	11.40	112	169125	18.641	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	58814	18.747	ug/l	97
67) Ethyl Benzene	11.48	91	293851	19.178	ug/l	99
68) m/p-Xylenes	11.60	106	224196	37.830	ug/l	99
69) o-Xylene	11.92	106	107816	19.282	ug/l	98
70) Styrene	11.94	104	174788	18.743	ug/l	99
71) Bromoform	12.10	173	42865	19.217	ug/l #	100
73) Isopropylbenzene	12.22	105	282791	19.588	ug/l	100
74) N-amyl acetate	12.05	43	92204	19.533	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	91186	18.980	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	74645m	17.002	ug/l	
77) Bromobenzene	12.50	156	70460	19.659	ug/l	94
78) n-propylbenzene	12.57	91	310030	18.774	ug/l	99
79) 2-Chlorotoluene	12.65	91	187726	18.804	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	234417	20.030	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	25816	17.172	ug/l	100
82) 4-Chlorotoluene	12.75	91	191508	18.550	ug/l	99
83) tert-Butylbenzene	12.97	119	200047	19.973	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	227168	19.435	ug/l	98
85) sec-Butylbenzene	13.15	105	252366	19.069	ug/l	99
86) p-Isopropyltoluene	13.27	119	224378	19.351	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	118861	18.885	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	119508	18.421	ug/l	99
89) n-Butylbenzene	13.59	91	174600	18.112	ug/l	99
90) Hexachloroethane	13.85	117	40575	17.836	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	116882	19.151	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	14682	19.077	ug/l	92

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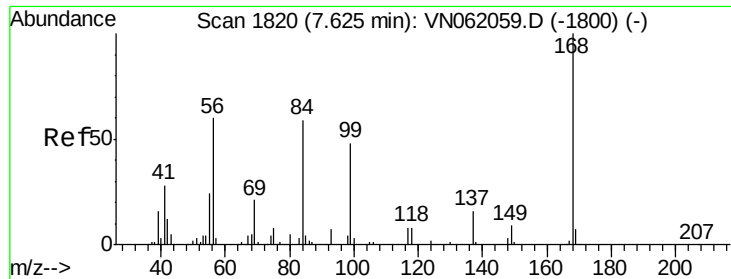
Manual Integrations
APPROVED

MMDadoda
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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	51482	19.309	ug/l	100
94) Hexachlorobutadiene	14.99	225	22126	19.107	ug/l	97
95) Naphthalene	15.11	128	166280	21.205	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	54219	19.888	ug/l	100

(#) = 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

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Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

Tot Ion:168 Resp: 254623

Ion Ratio Lower Upper

168 100

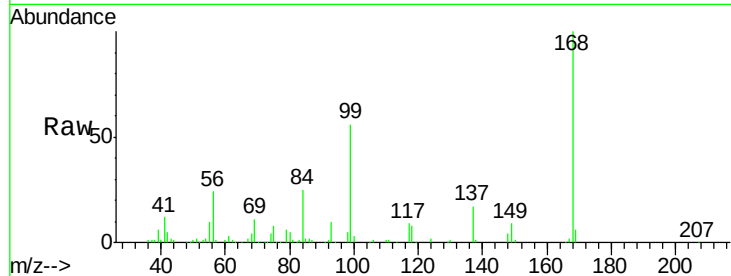
99 56.1 45.8 68.8

Manual Integrations

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6/26/2020 10:34:19 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

120000

100000

80000

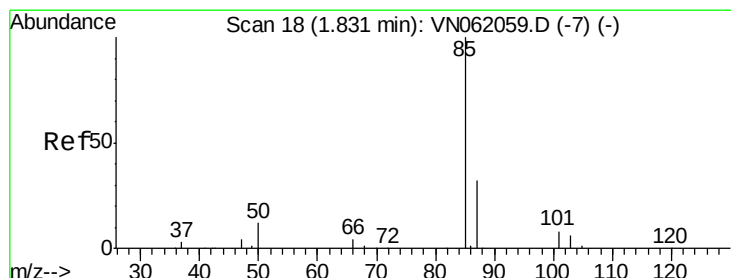
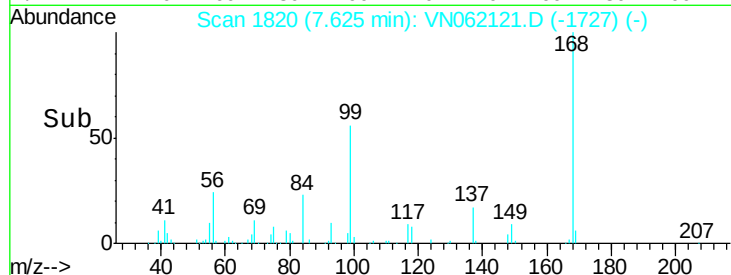
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.855 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062121.D

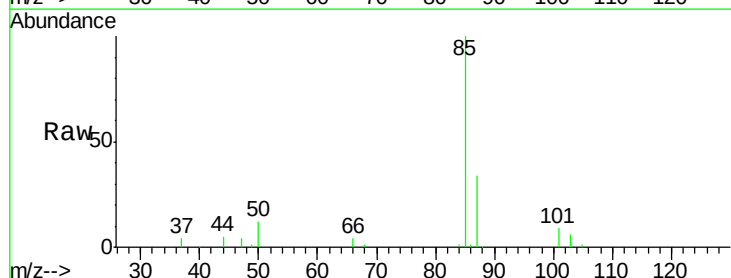
Acq: 25 Jun 2020 19:18

Tgt Ion: 85 Resp: 51387

Ion Ratio Lower Upper

85 100

87 34.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

40000

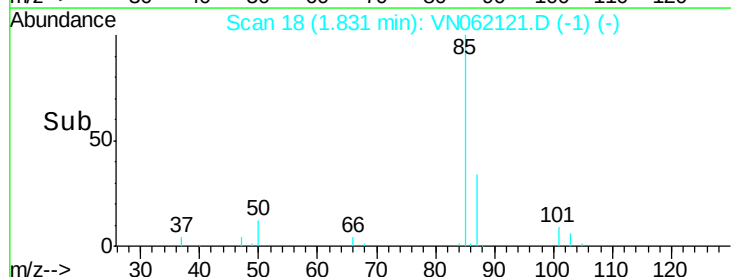
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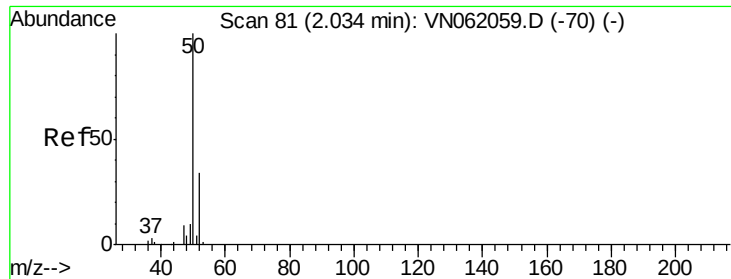
20000

10000

0

Time-->





#3

Chloromethane

Concen: 20.028 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

Tot Ion: 50 Resp: 70577

Ion Ratio Lower Upper

50 100

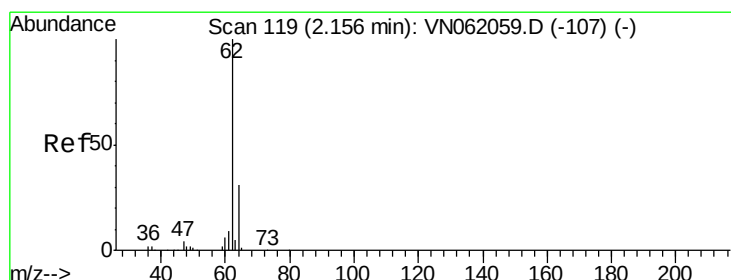
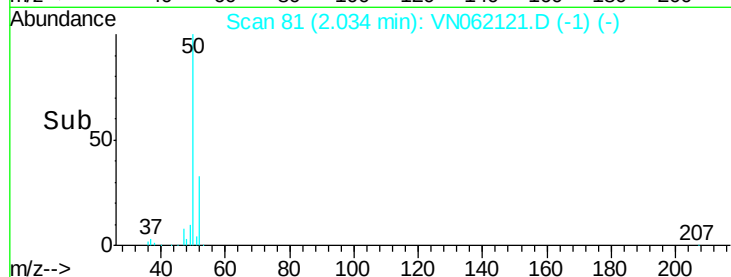
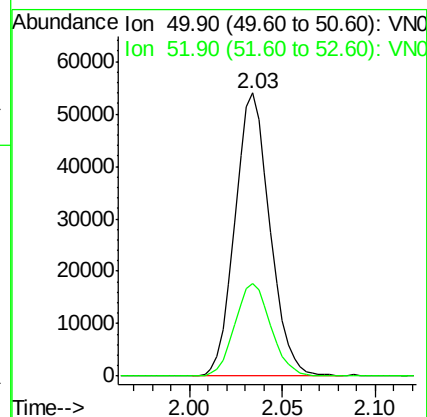
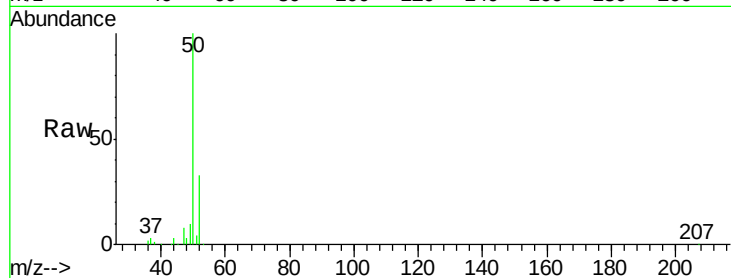
52 32.5 27.0 40.6

Manual Integrations

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6/26/2020 10:34:19 AM



#4

Vinyl Chloride

Concen: 18.532 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062121.D

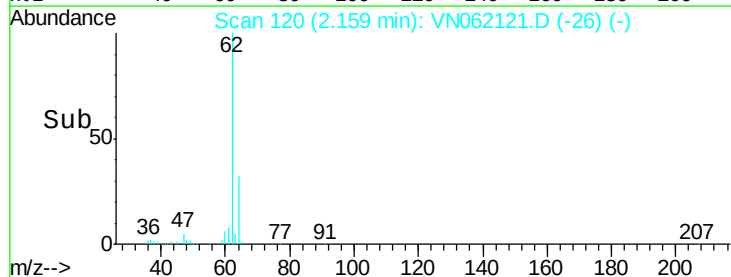
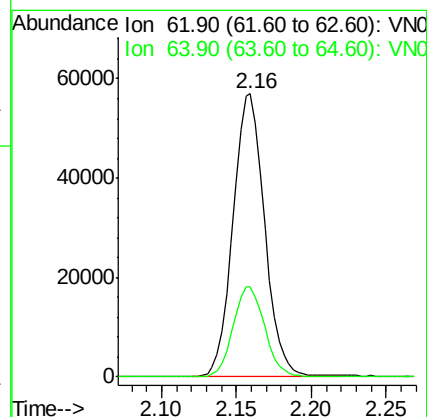
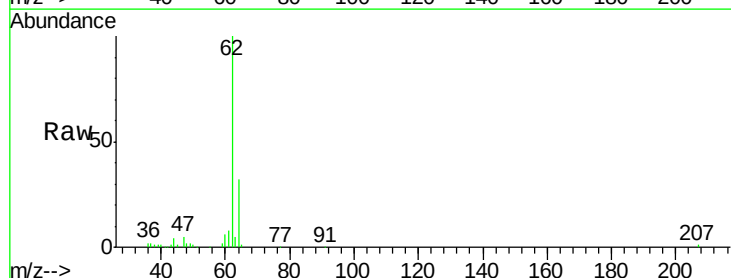
Acq: 25 Jun 2020 19:18

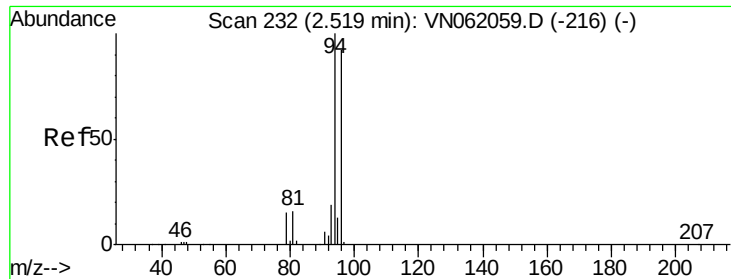
Tgt Ion: 62 Resp: 83996

Ion Ratio Lower Upper

62 100

64 31.7 25.1 37.7





#5

Bromomethane

Concen: 18.428 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.01 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

Tot Ion: 94 Resp: 53980

Ion Ratio Lower Upper

94 100

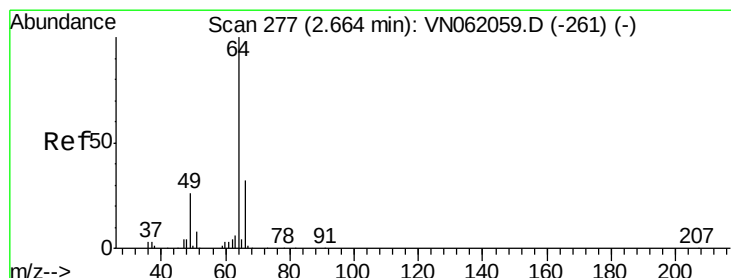
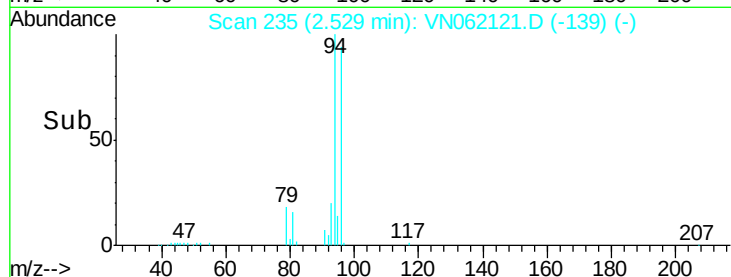
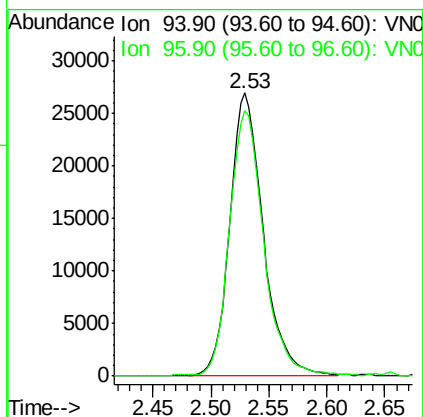
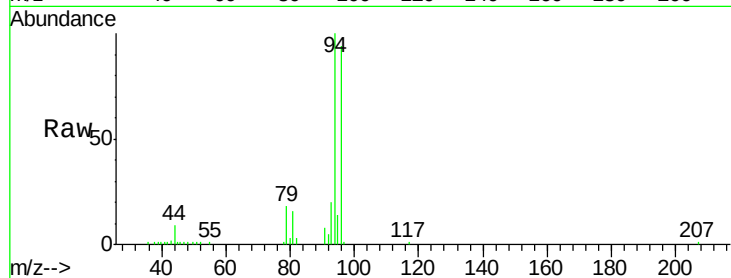
96 93.3 73.4 110.2

Manual Integrations

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6/26/2020 10:34:19 AM



#6

Chloroethane

Concen: 18.619 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062121.D

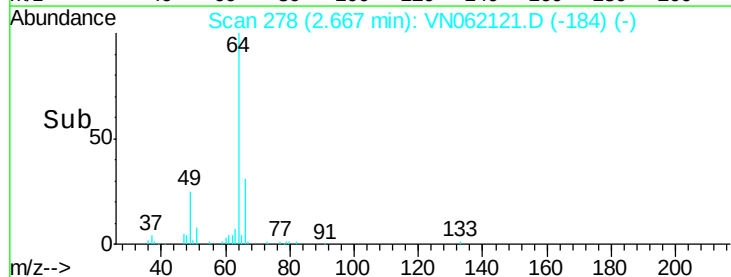
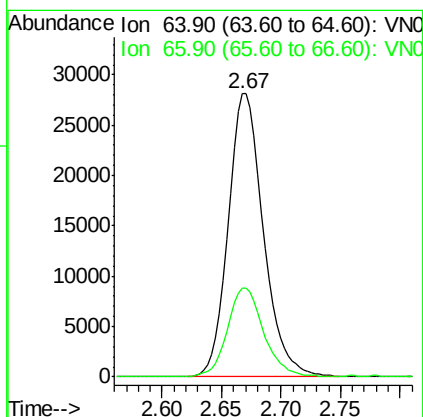
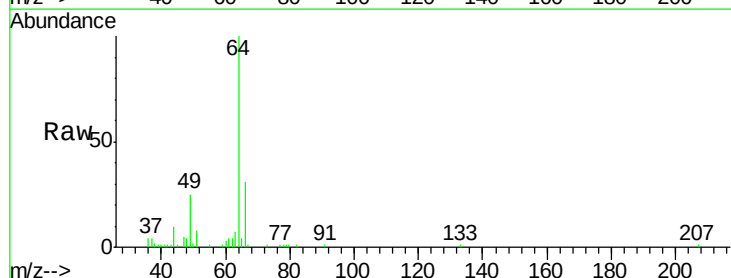
Acq: 25 Jun 2020 19:18

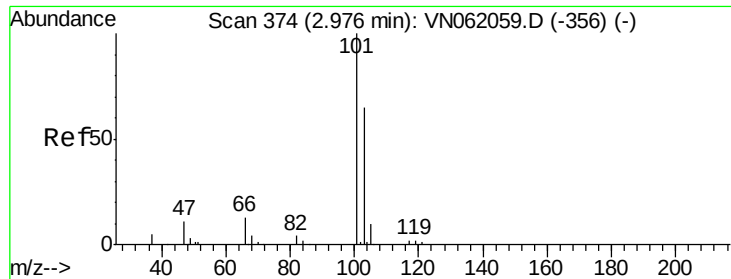
Tgt Ion: 64 Resp: 57648

Ion Ratio Lower Upper

64 100

66 31.2 25.8 38.6





#7

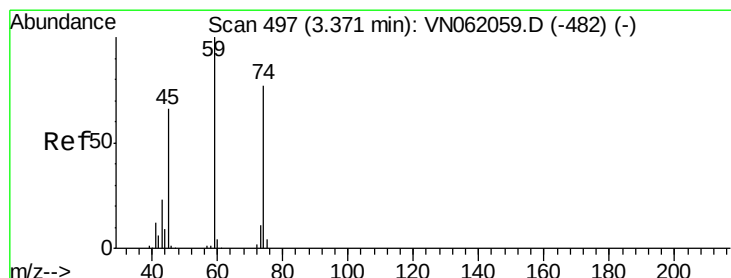
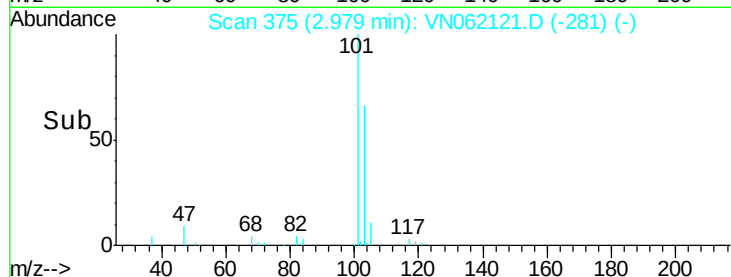
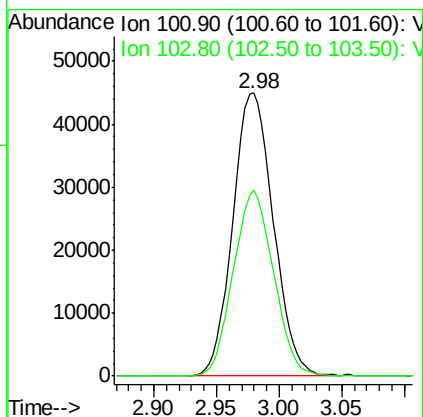
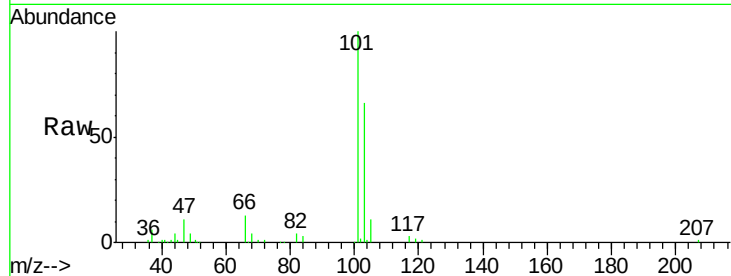
Trichlorofluoromethane
 Concen: 18.100 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN062121.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		101083		
103	65.8	51.8	77.6		

Manual Integrations
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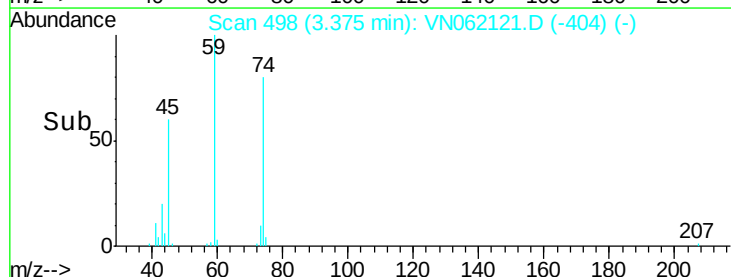
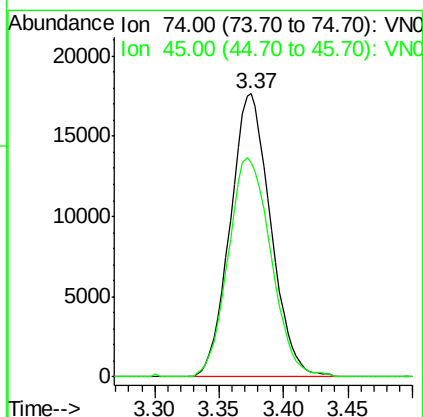
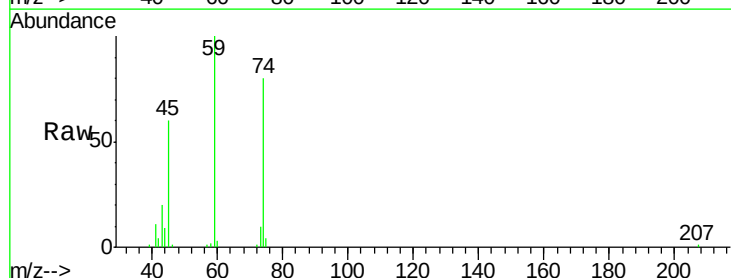
MMDadoda
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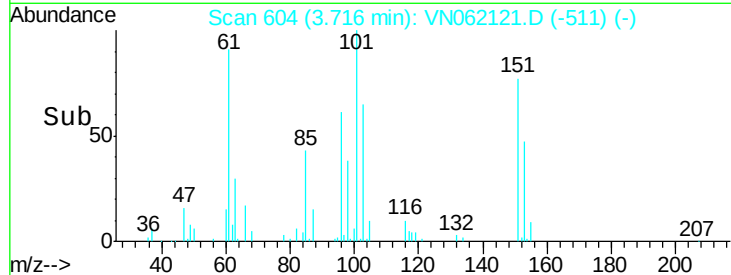
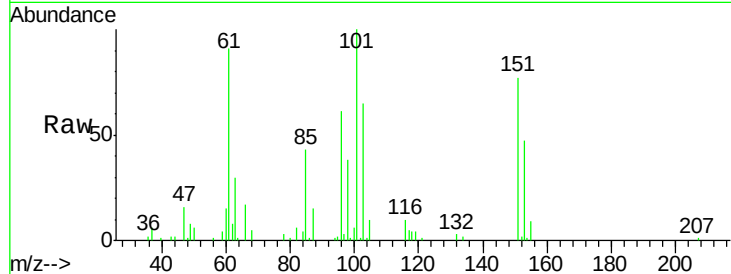
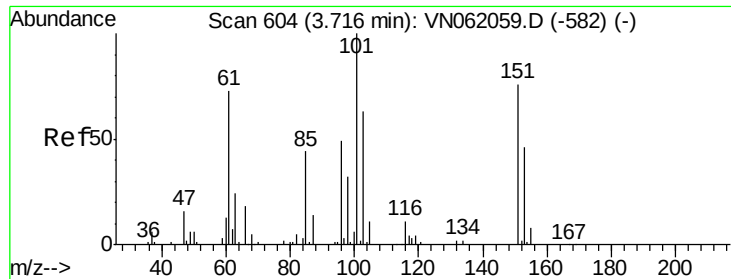


#8

Diethyl Ether
 Concen: 19.722 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		38460		
45	82.0	42.5	127.5		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.529 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN062121.D

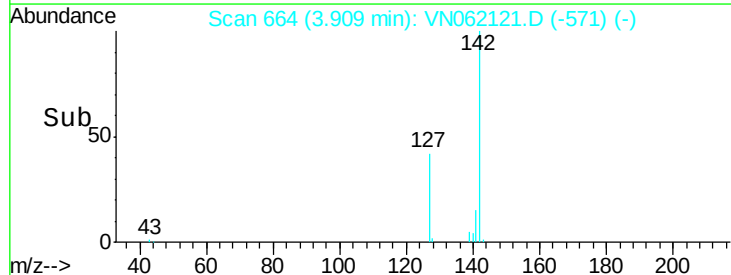
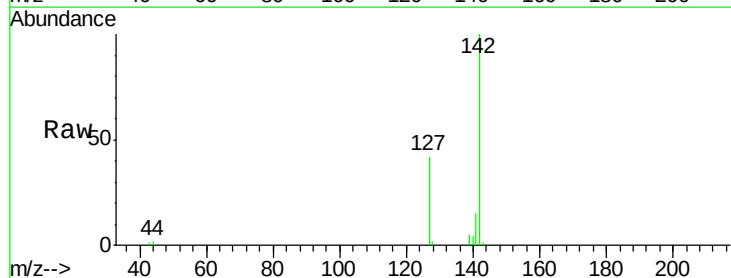
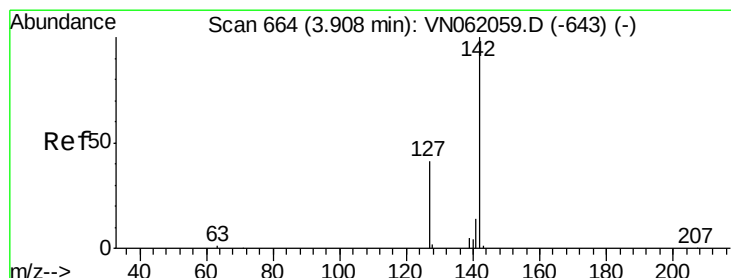
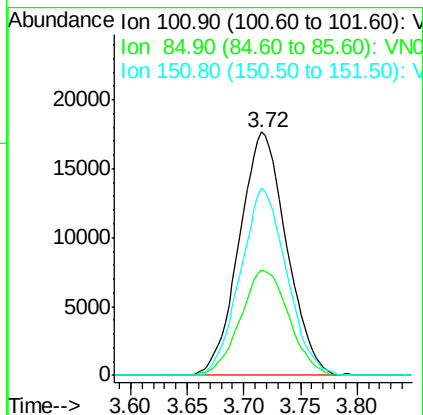
Acq: 25 Jun 2020 19:18

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
85	44.3	34.5	51.7
151	75.3	57.8	86.8

Manual Integrations
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#10

Methyl Iodide

Concen: 19.821 ug/l

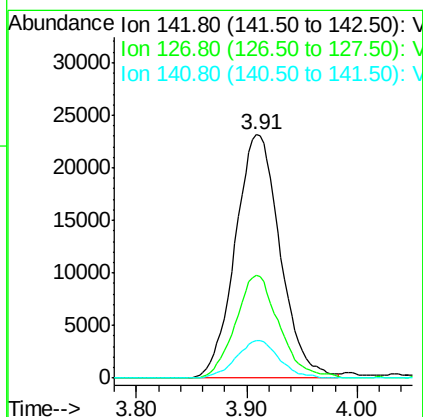
RT: 3.91 min Scan# 664

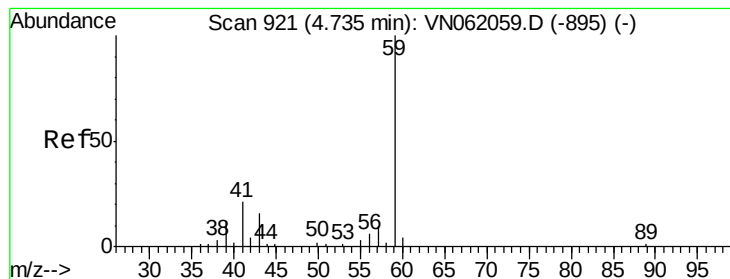
Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.1	33.6	50.4
141	14.8	11.3	16.9





#11

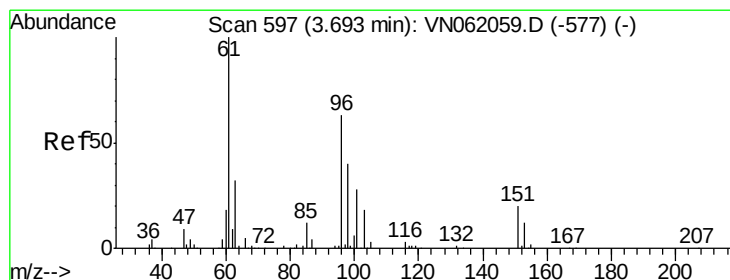
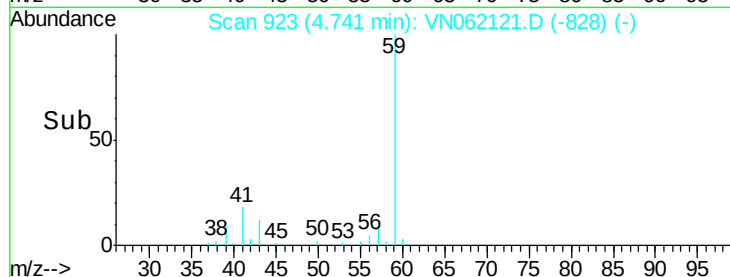
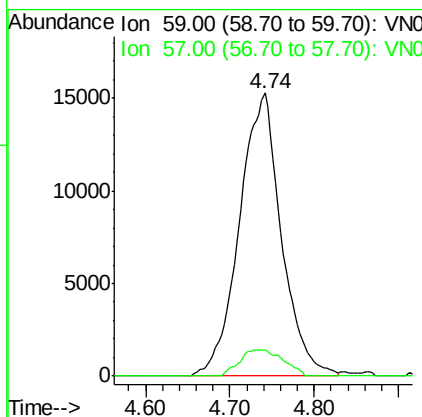
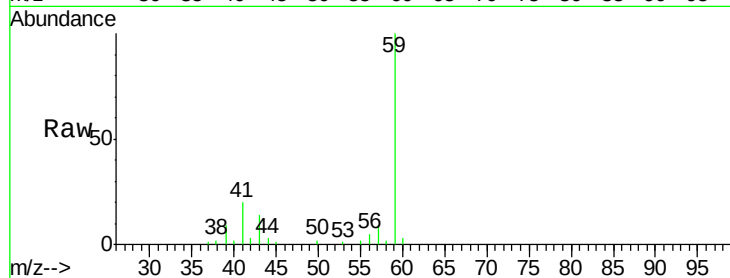
Tert butyl alcohol
Concen: 102.785 ug/l
RT: 4.74 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	52732		
57	9.8		8.3	12.5

Manual Integrations
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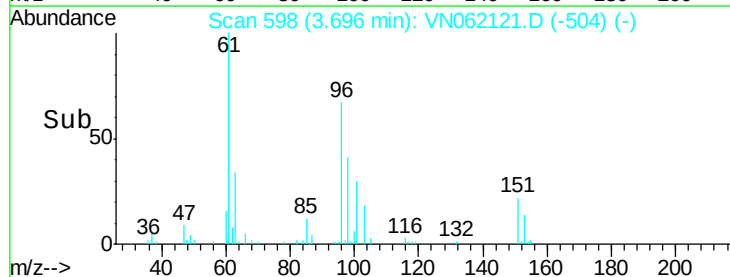
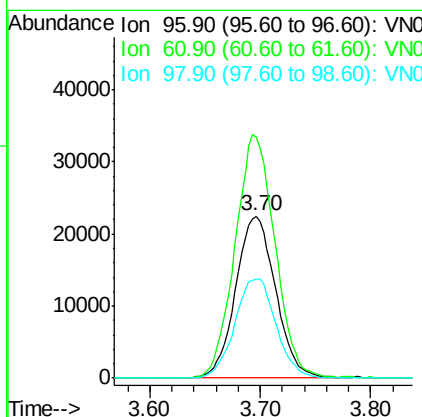
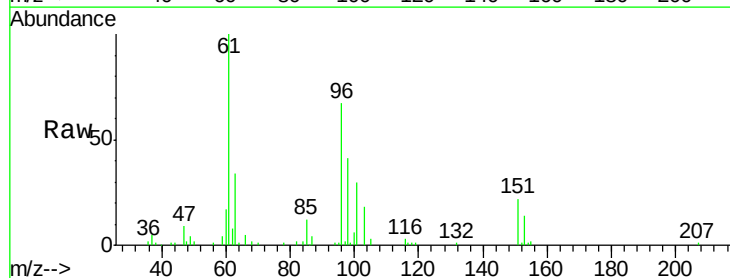
MMDadoda
6/26/2020 10:34:19 AM

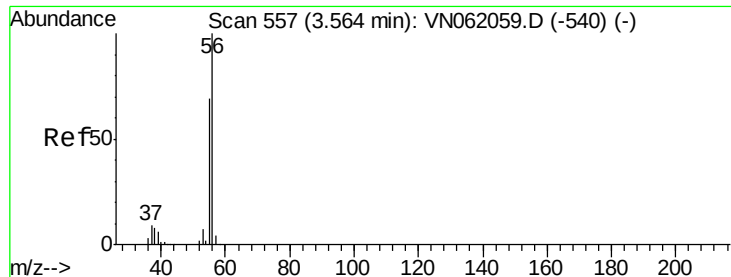


#12

1,1-Dichloroethene
Concen: 19.253 ug/l
RT: 3.70 min Scan# 598
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	56289		
61	148.8		126.7	190.1
98	61.4		51.0	76.4





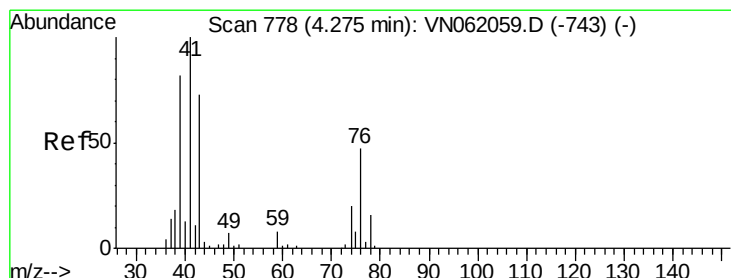
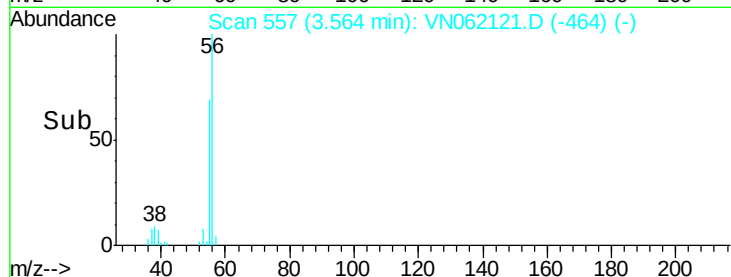
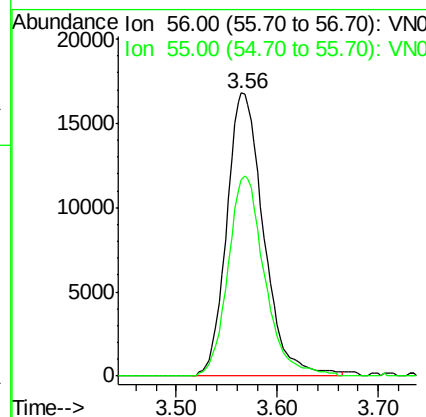
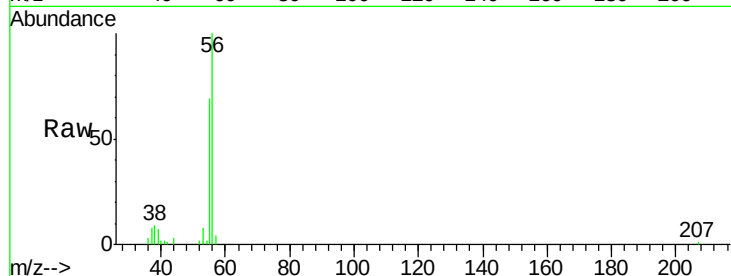
#13
Acrolein
Concen: 85.355 ug/l
RT: 3.56 min Scan# 557
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.1	55.5	83.3

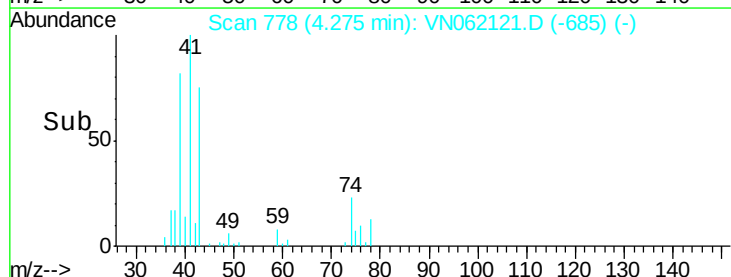
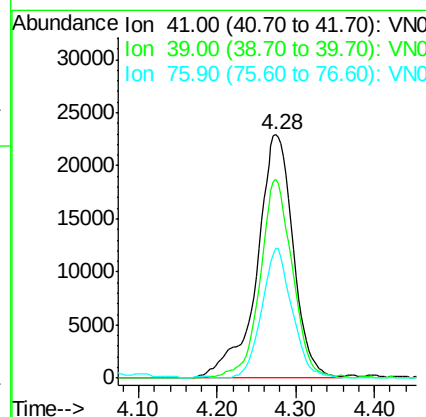
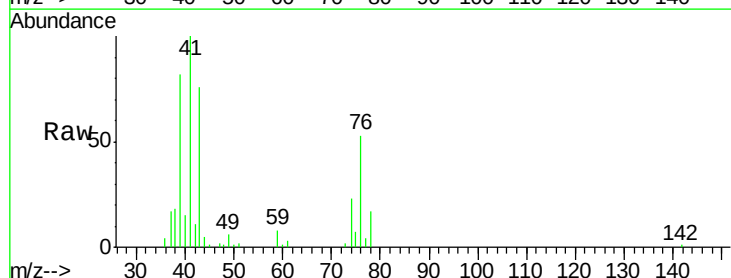
Manual Integrations
APPROVED

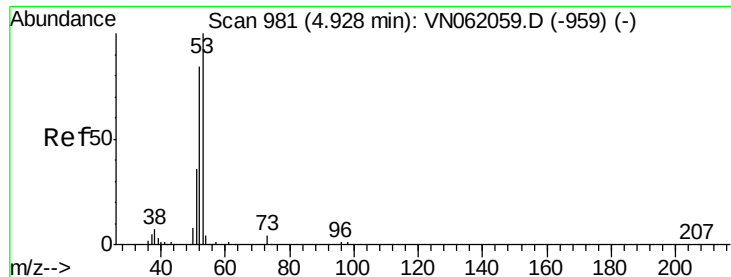
MMDadoda
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#14
Allyl chloride
Concen: 18.775 ug/l
RT: 4.28 min Scan# 778
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Tgt Ion	Ratio	Lower	Upper
41	100		
39	70.3	60.0	90.0
76	44.6	34.1	51.1





#15

Acrylonitrile

Concen: 95.140 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Instrument :

MSVOA_N

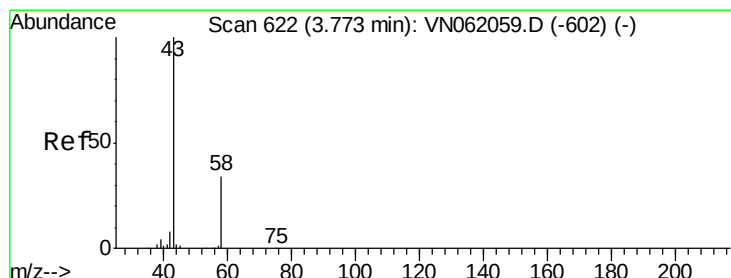
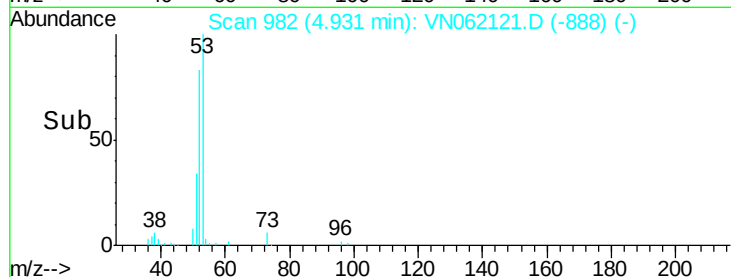
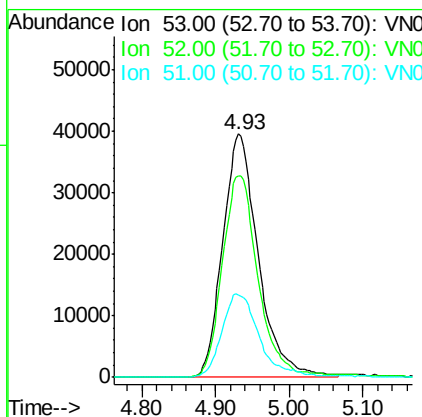
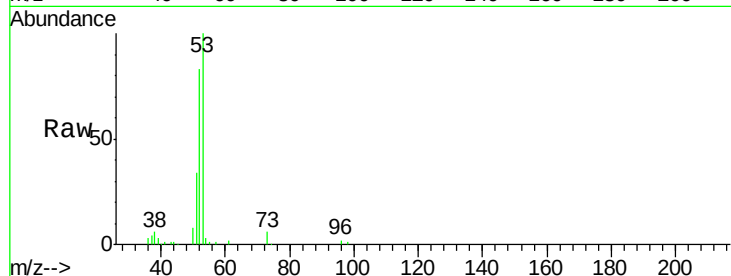
ClientSampleId :

VN0625WBSD01

Tot Ion:	53	Resp:	133010
Ion Ratio		Lower	Upper
53	100		
52	82.5	66.2	99.4
51	35.8	28.9	43.3

Manual Integrations
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#16

Acetone

Concen: 90.189 ug/l

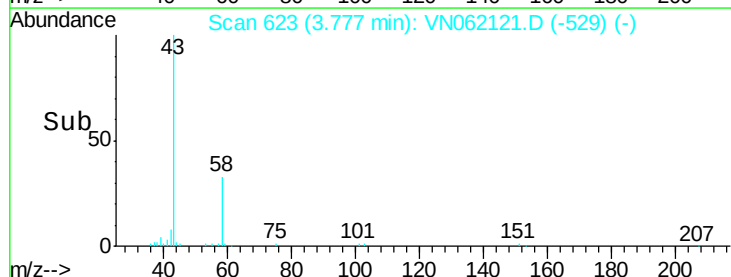
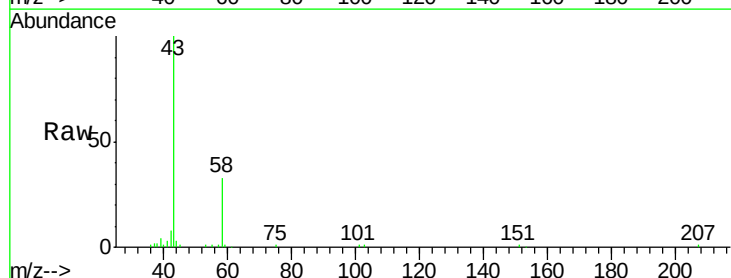
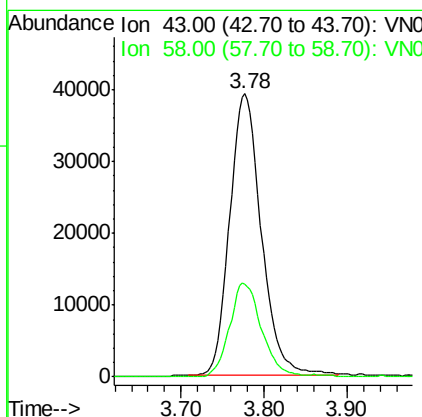
RT: 3.78 min Scan# 623

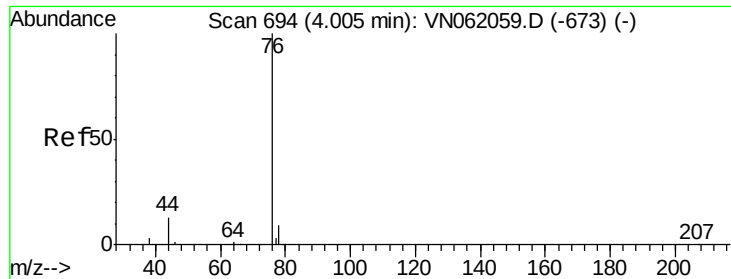
Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Tgt Ion:	43	Resp:	104059
Ion Ratio		Lower	Upper
43	100		
58	32.9	27.5	41.3





#17

Carbon Disulfide

Concen: 17.734 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

Tot Ion: 76 Resp: 148233

Ion Ratio Lower Upper

76 100

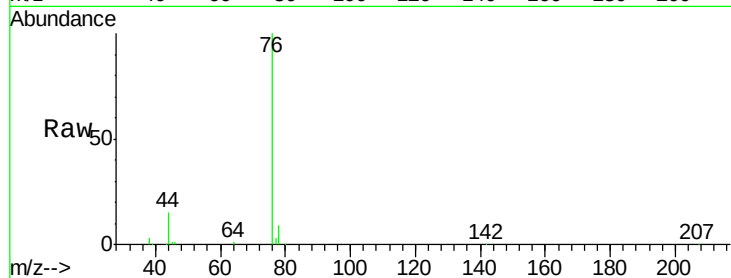
78 9.1 7.2 10.8

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VN062121.D (-600) (-)

Ion 77.90 (77.60 to 78.60): VN062121.D (-600) (-)

4.01

60000

50000

40000

30000

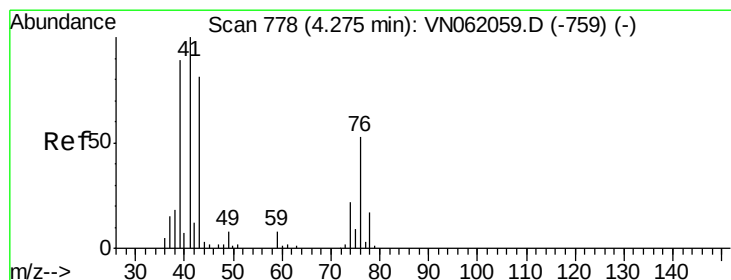
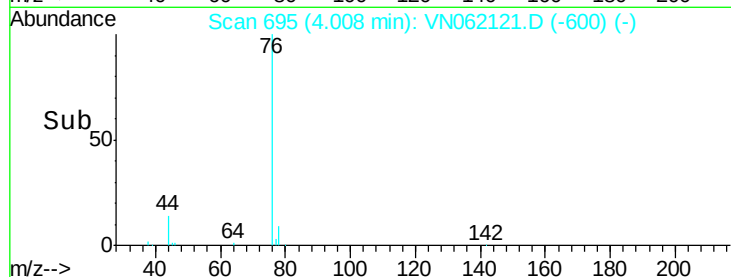
20000

10000

0

Time-->

3.90 4.00 4.10



#18

Methyl Acetate

Concen: 18.783 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062121.D

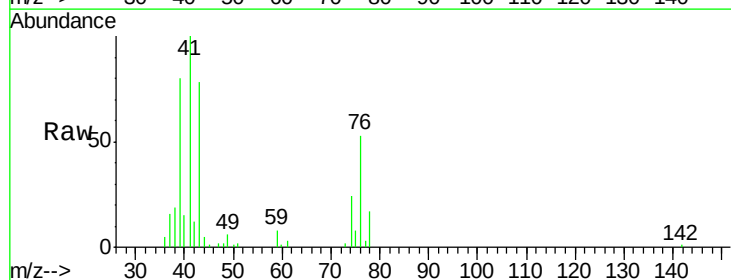
Acq: 25 Jun 2020 19:18

Tgt Ion: 43 Resp: 53353

Ion Ratio Lower Upper

43 100

74 29.4 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VN062121.D (-685) (-)

Ion 74.00 (73.70 to 74.70): VN062121.D (-685) (-)

4.28

20000

15000

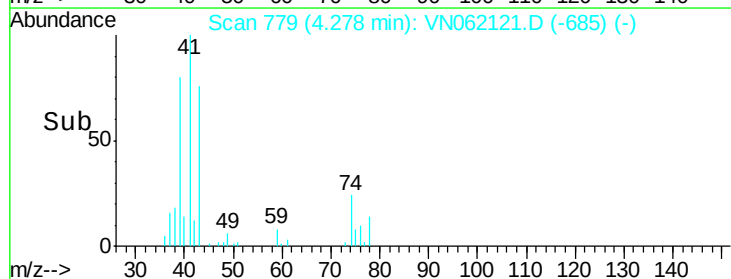
10000

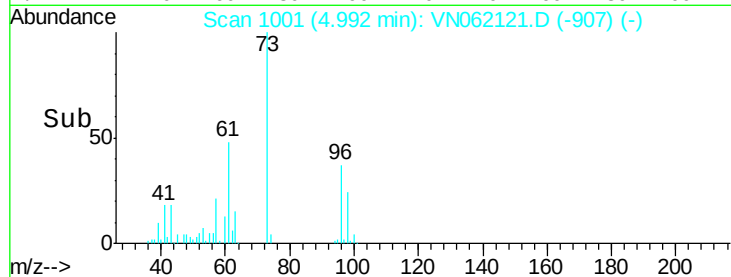
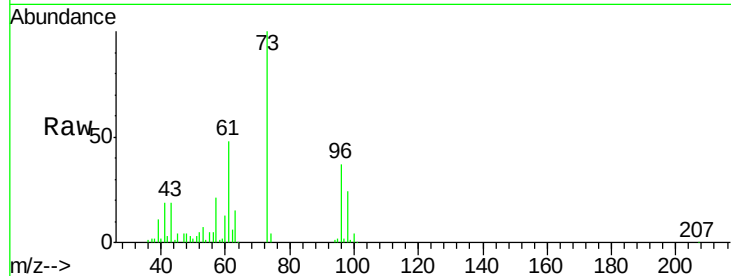
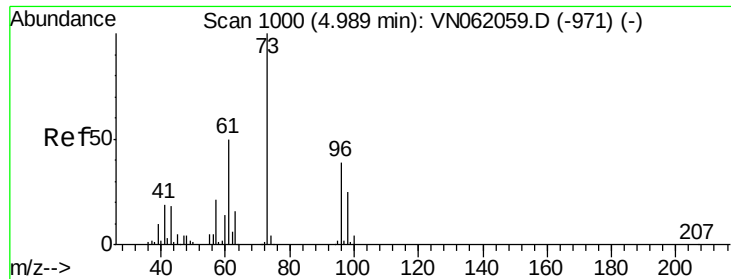
5000

0

Time-->

4.20 4.30 4.40





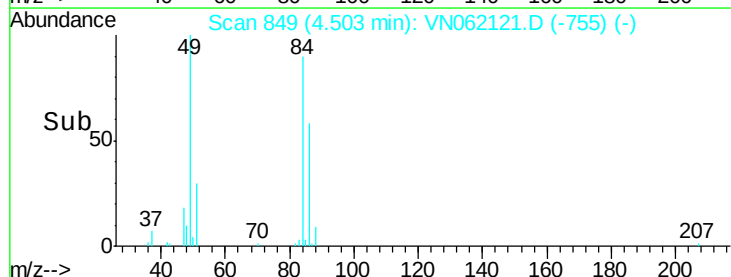
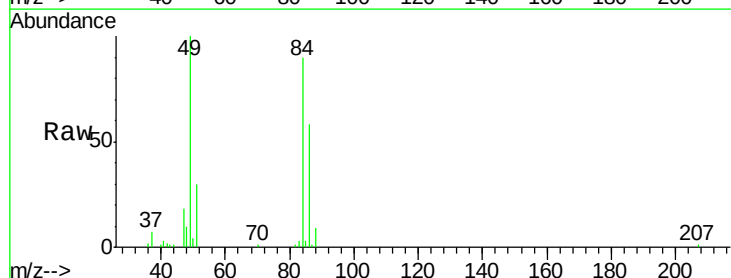
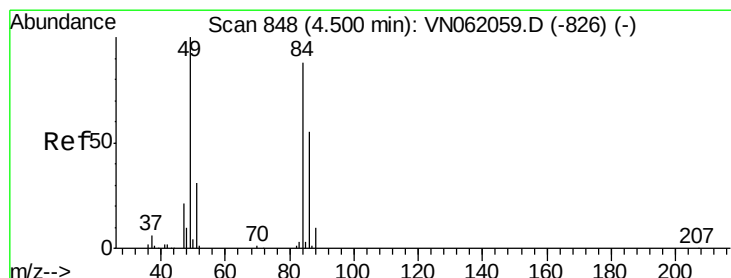
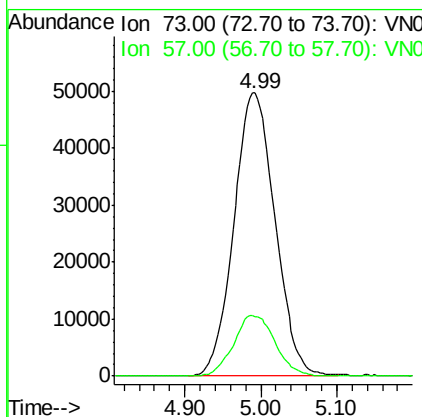
#19
Methyl tert-butyl Ether
Concen: 20.027 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Tot Ion	73	Resp	187101
Ion Ratio	100	Lower	Upper
57	21.2	16.6	24.8

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

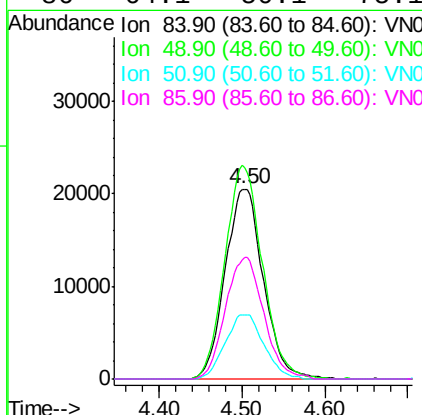
Manual Integrations
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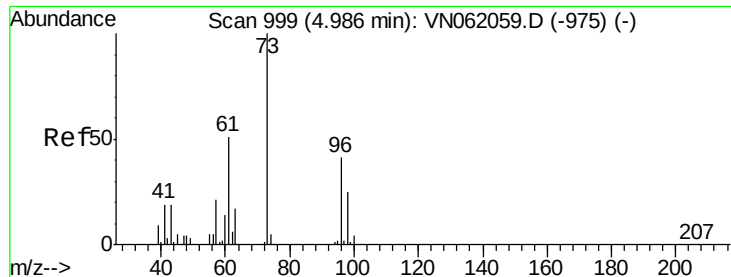
MMDadoda
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#20
Methylene Chloride
Concen: 19.923 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Tgt Ion	84	Resp	65780
Ion Ratio	100	Lower	Upper
49	111.3	90.6	136.0
51	33.8	27.8	41.8
86	64.1	50.1	75.1





#21

trans-1,2-Dichloroethene

Concen: 18.298 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Instrument :

MSVOA_N

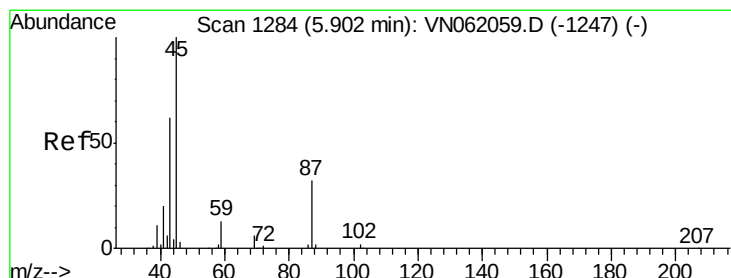
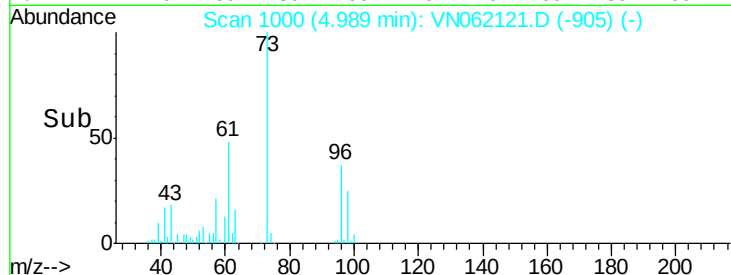
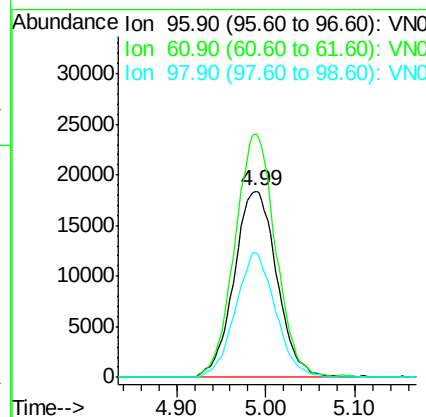
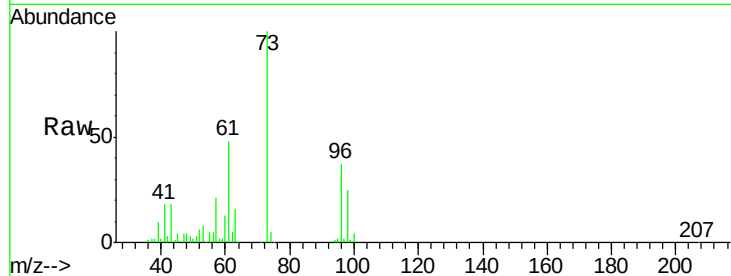
ClientSampleId :

VN0625WBSD01

Tot Ion:	96	Resp:	60946
Ion	Ratio	Lower	Upper
96	100		
61	130.4	101.4	152.2
98	67.0	49.3	73.9

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#22

Diisopropyl ether

Concen: 18.848 ug/l

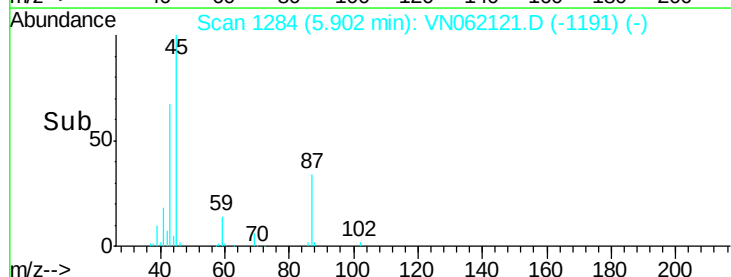
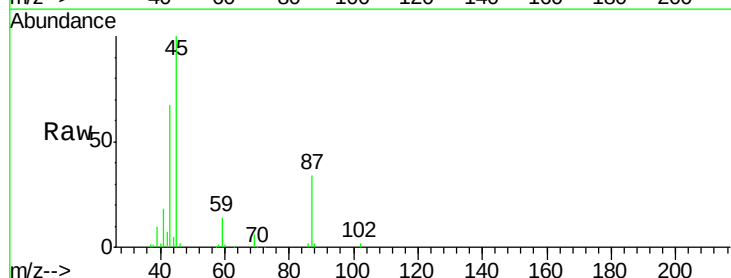
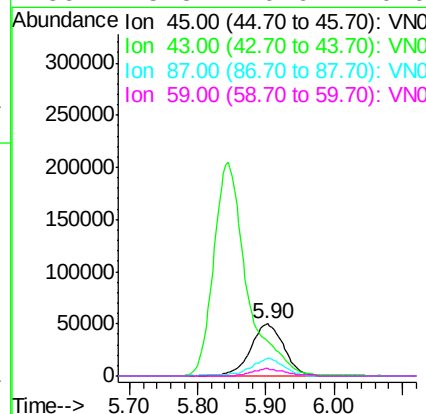
RT: 5.90 min Scan# 1284

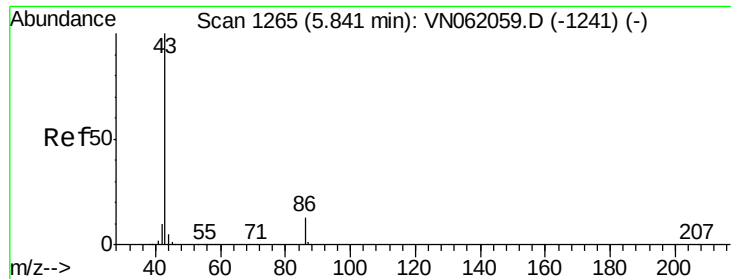
Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Tgt Ion:	45	Resp:	170827
Ion	Ratio	Lower	Upper
45	100		
43	65.8	49.7	74.5
87	33.9	25.9	38.9
59	13.8	10.6	16.0





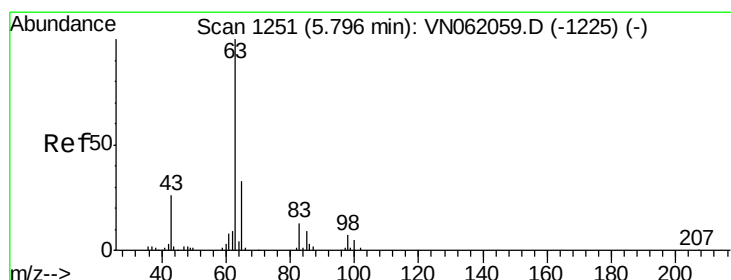
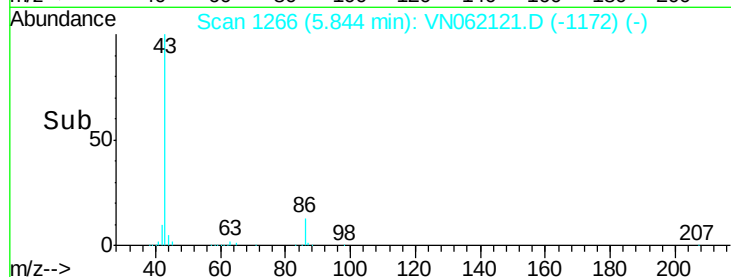
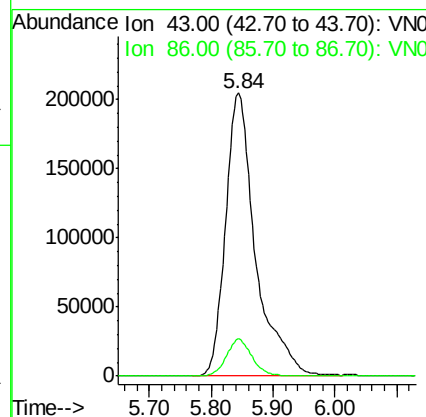
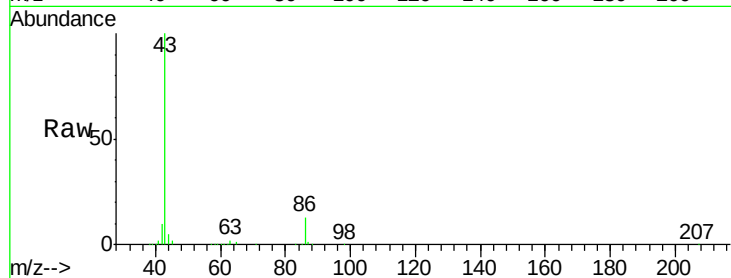
#23
 Vinyl Acetate
 Concen: 93.303 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Tot Ion	43	Resp	690416
Ion Ratio	100	Lower	Upper
43	100		
86	13.2	10.1	15.1

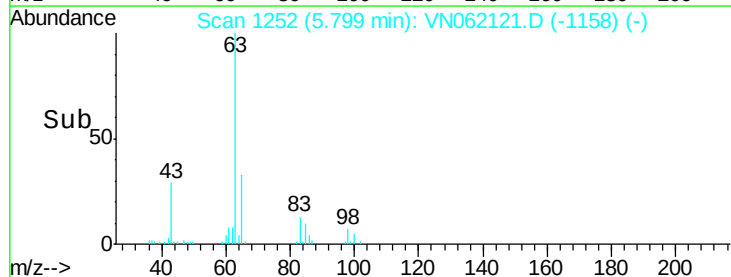
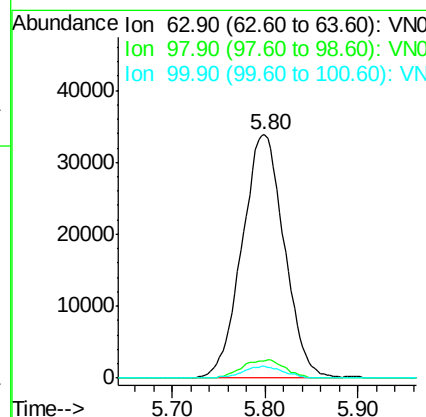
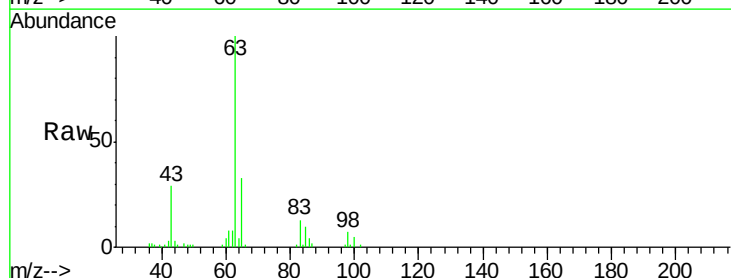
Manual Integrations
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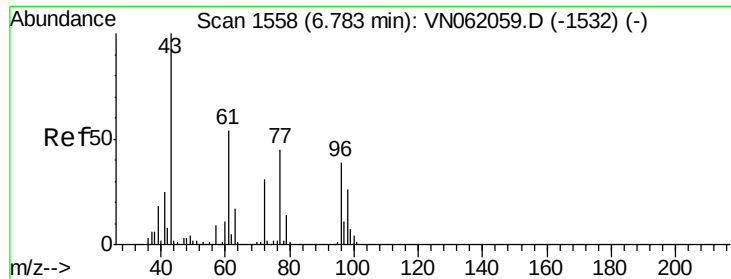
MMDadoda
 6/26/2020 10:34:19 AM



#24
 1,1-Dichloroethane
 Concen: 18.347 ug/l
 RT: 5.80 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

Tgt Ion	63	Resp	107077
Ion Ratio	100	Lower	Upper
63	100		
98	7.2	3.6	10.9
100	4.7	2.4	7.1





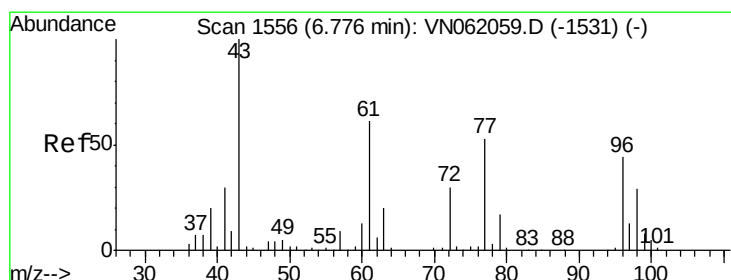
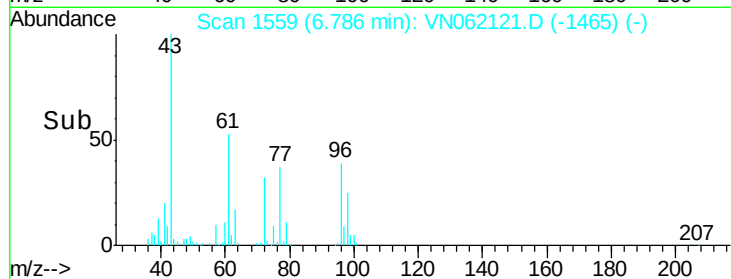
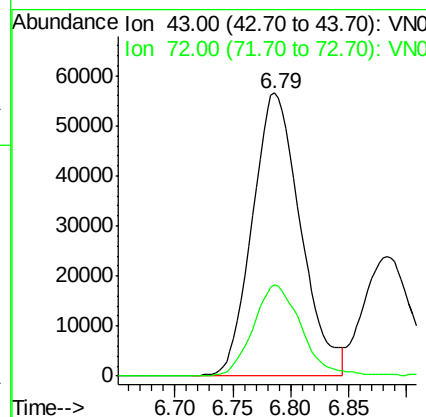
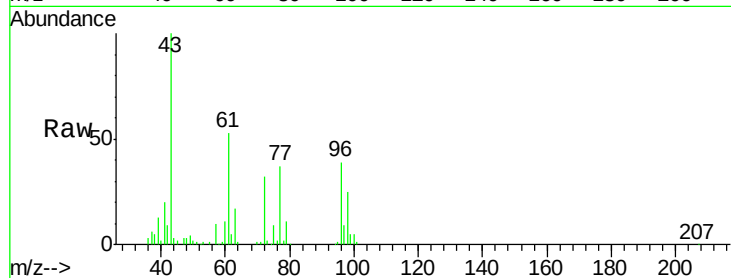
#25
2-Butanone
Concen: 93.945 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tot Ion: 43 Resp: 164079
Ion Ratio Lower Upper
43 100
72 32.3 24.8 37.2

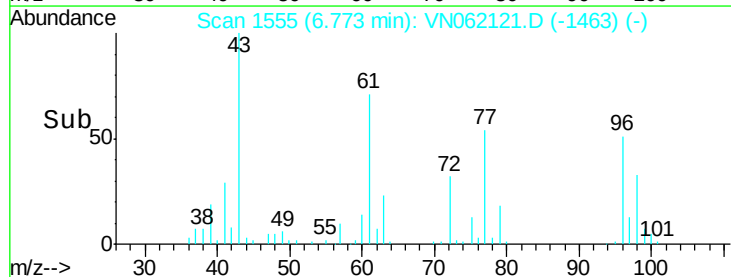
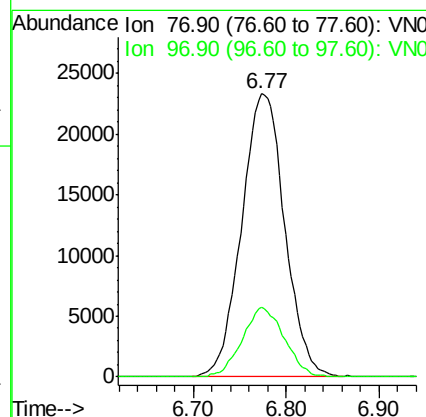
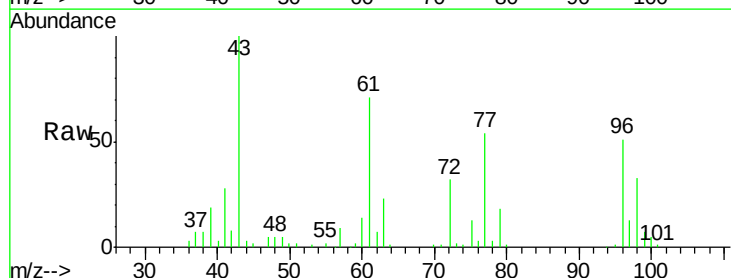
Manual Integrations
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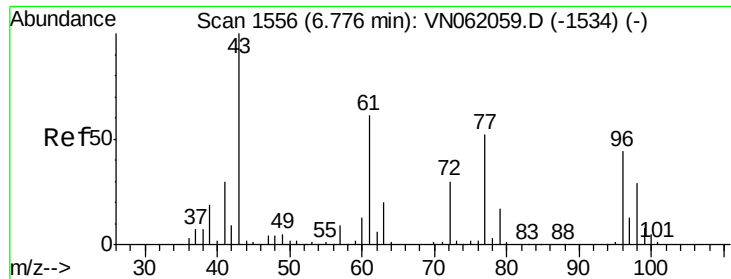
MMDadoda
6/26/2020 10:34:19 AM



#26
2,2-Dichloropropane
Concen: 15.464 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Tgt Ion: 77 Resp: 75208
Ion Ratio Lower Upper
77 100
97 23.9 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 18.390 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Instrument :

MSVOA_N

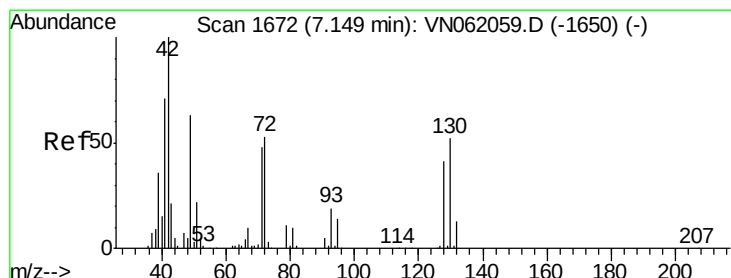
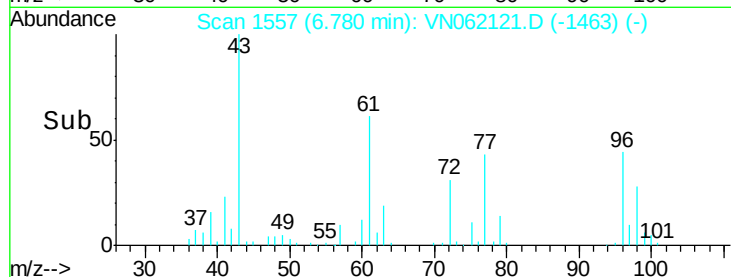
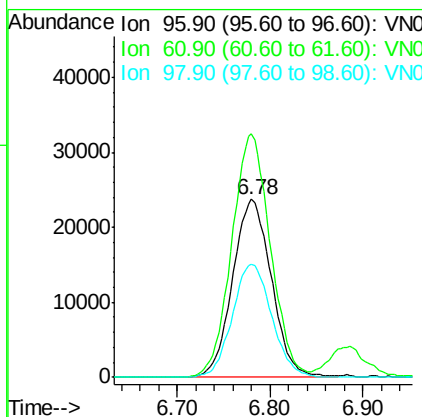
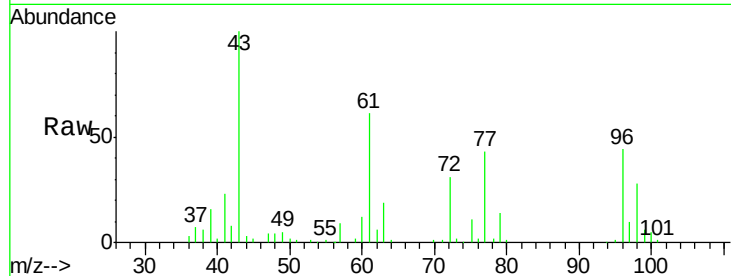
ClientSampleId :

VN0625WBSD01

Tot Ion:	96	Resp:	68925
Ion	Ratio	Lower	Upper
96	100		
61	135.8	0.0	280.4
98	64.4	0.0	129.4

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#28

Bromochloromethane

Concen: 15.934 ug/l

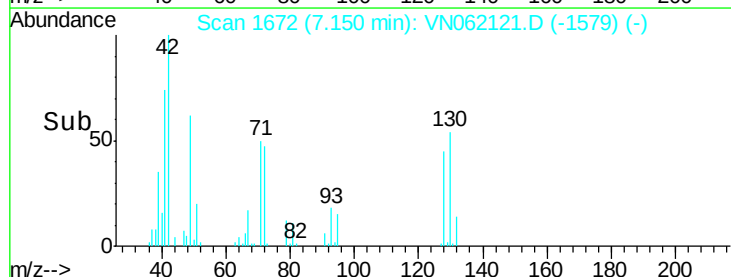
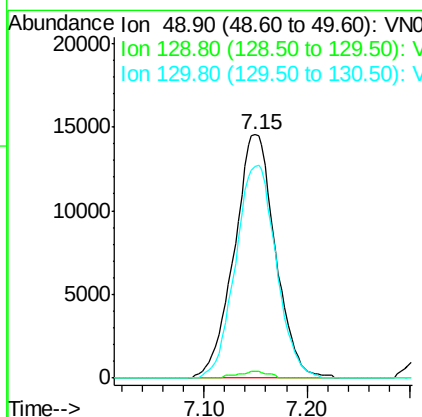
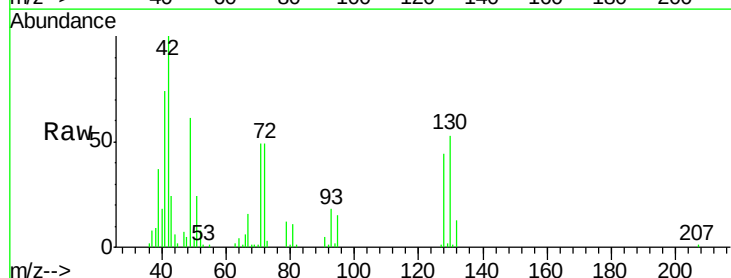
RT: 7.15 min Scan# 1672

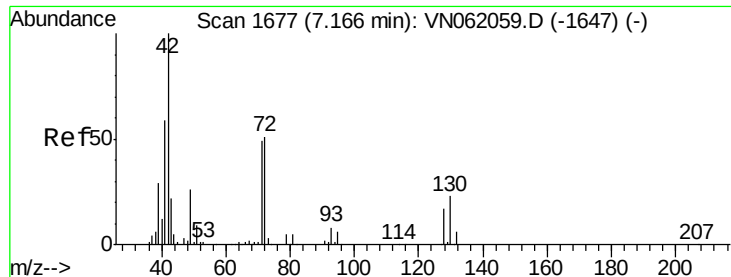
Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Tgt Ion:	49	Resp:	40349
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	86.4	65.5	98.3





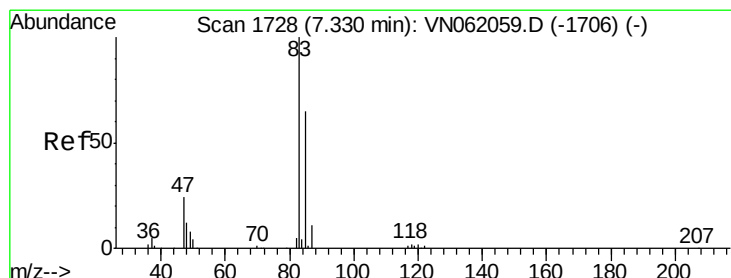
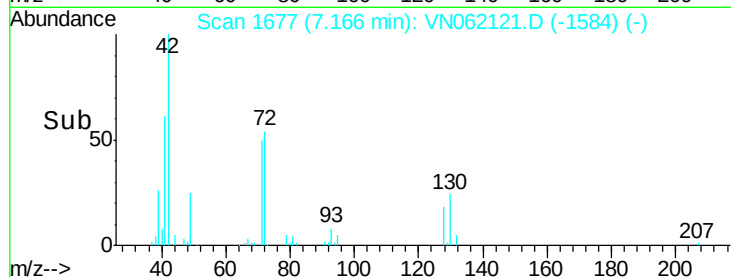
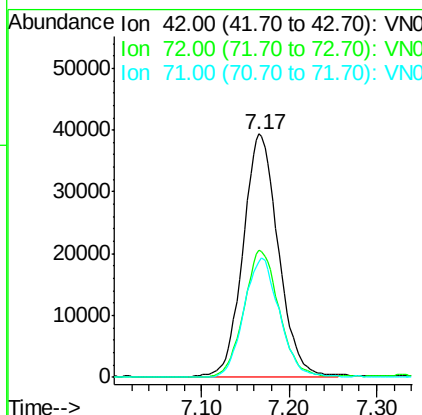
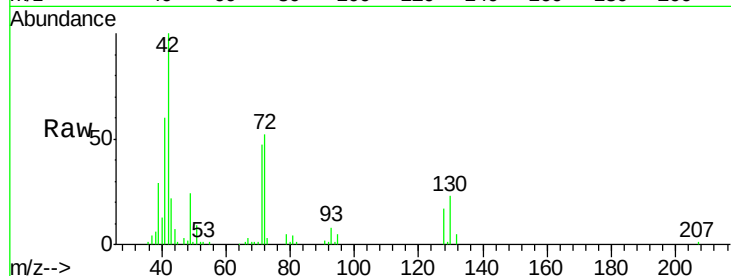
#29
Tetrahydrofuran
Concen: 96.433 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.3	41.1	61.7
71	49.3	38.2	57.4

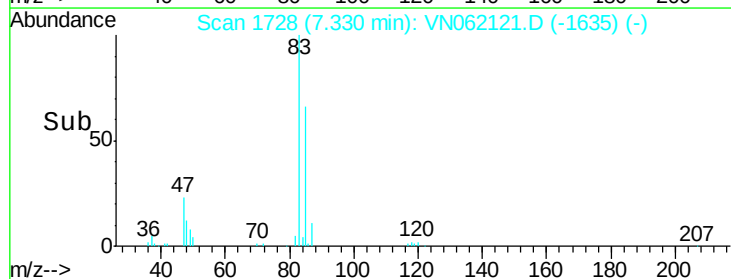
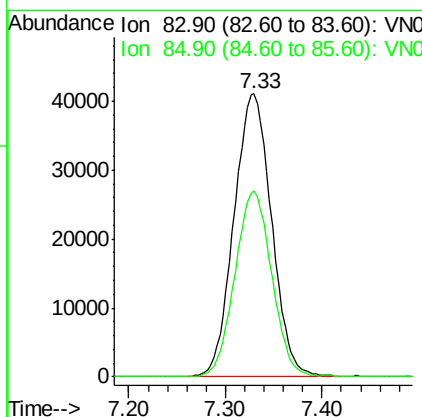
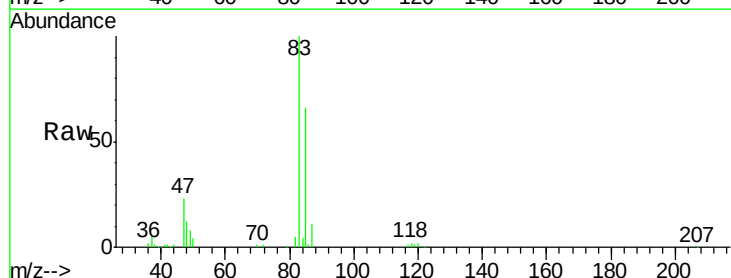
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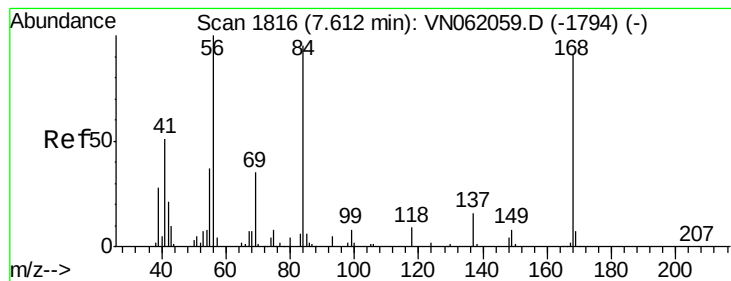
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#30
Chloroform
Concen: 18.678 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.3	78.5





#31

Cyclohexane

Concen: 17.864 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Instrument :

MSVOA_N

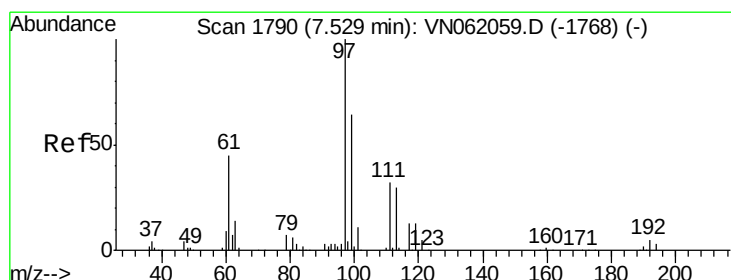
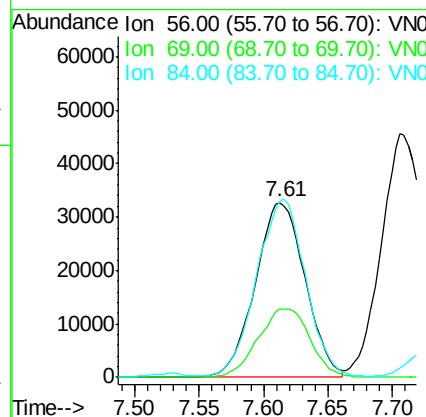
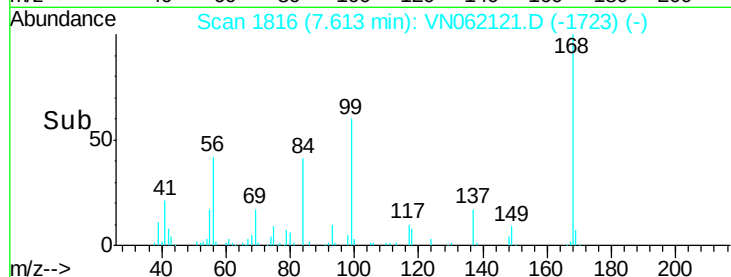
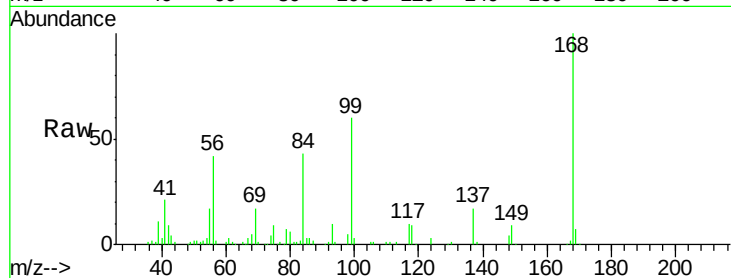
ClientSampleId :

VN0625WBSD01

Tot Ion:	56	Resp:	88189
Ion Ratio	Lower	Upper	
56	100		
69	38.9	28.0	42.0
84	99.6	76.1	114.1

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#32

1,1,1-Trichloroethane

Concen: 18.704 ug/l

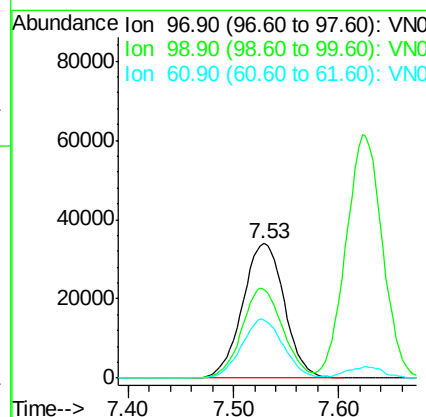
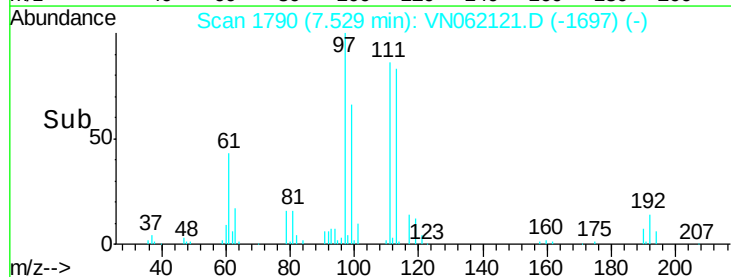
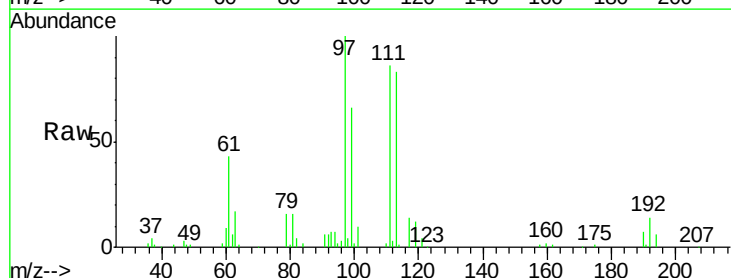
RT: 7.53 min Scan# 1790

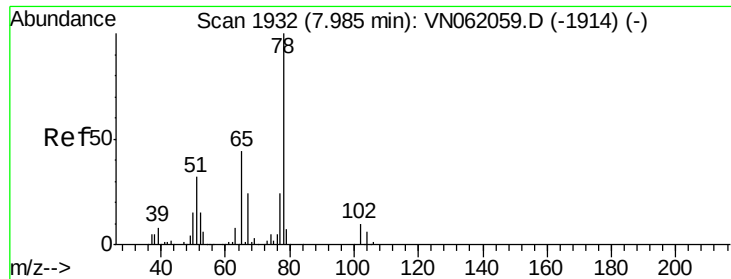
Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Tgt Ion:	97	Resp:	93663
Ion Ratio	Lower	Upper	
97	100		
99	65.0	51.0	76.4
61	43.6	36.2	54.2





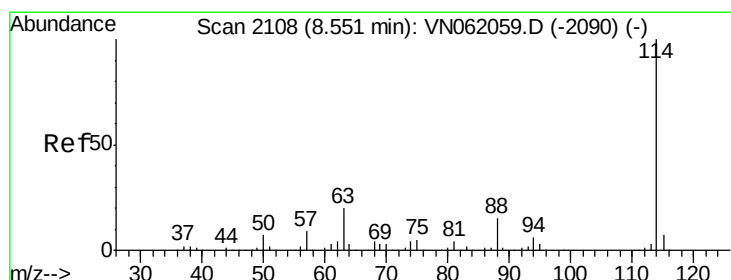
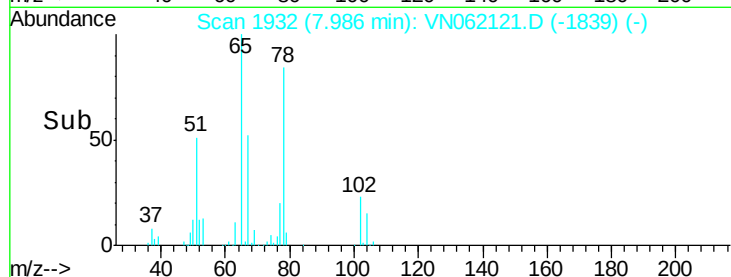
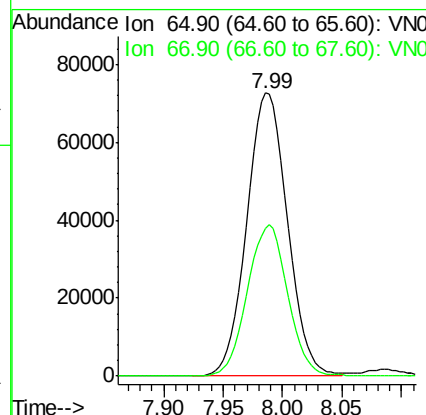
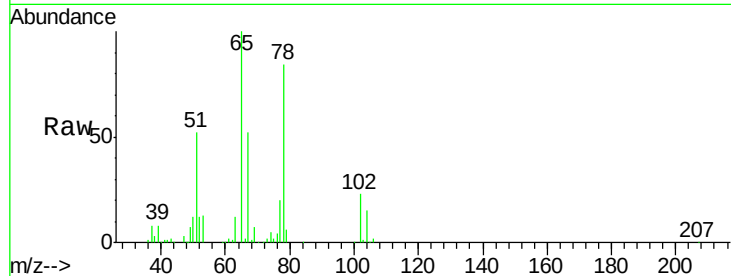
#33
 1,2-Dichloroethane-d4
 Concen: 48.148 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	172042		
67	53.0	0.0	106.2	

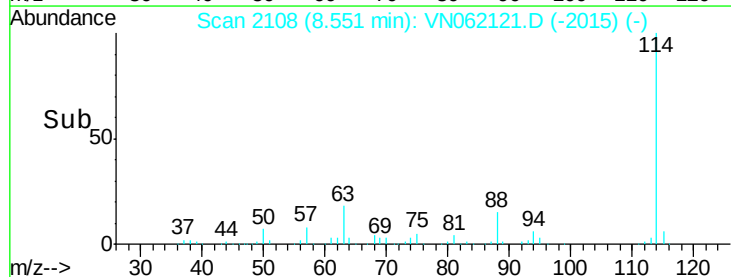
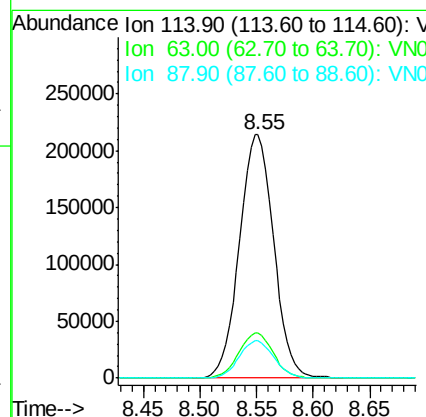
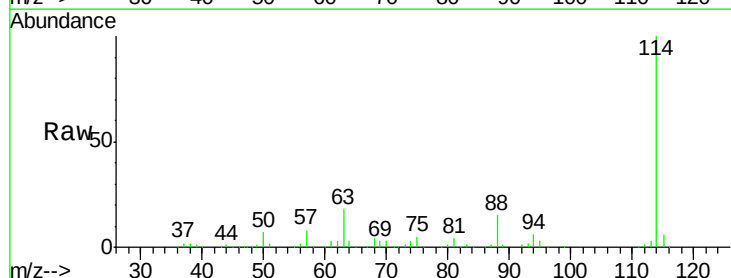
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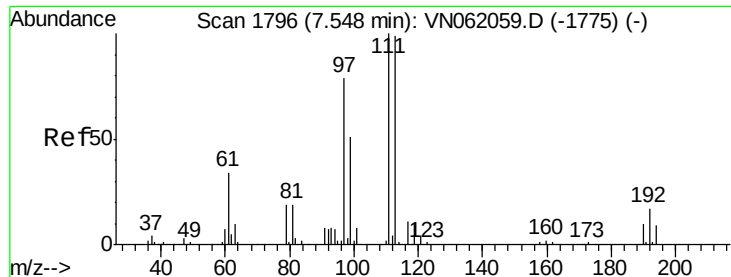
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	452484		
63	18.5	0.0	39.2	
88	15.2	0.0	30.8	





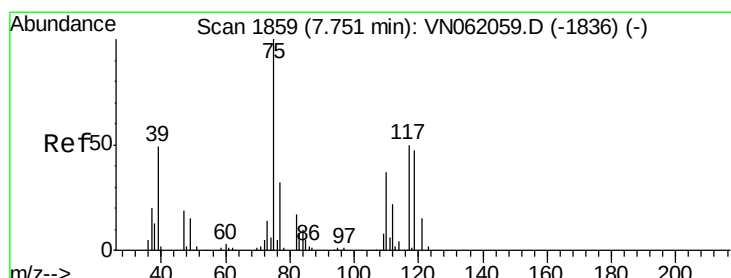
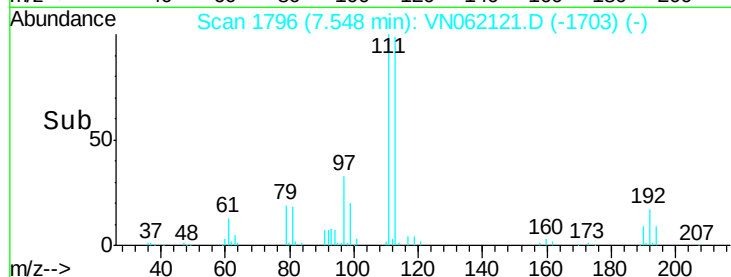
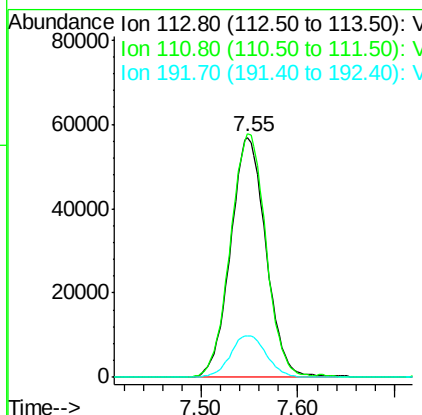
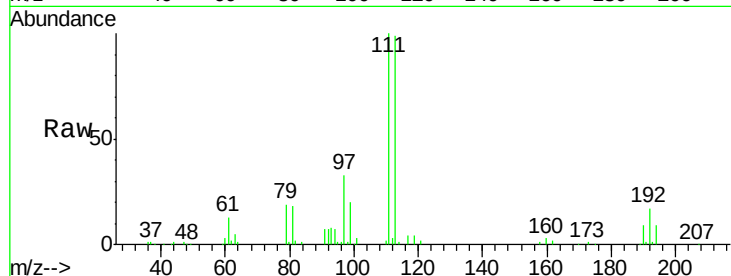
#35
Dibromofluoromethane
Concen: 49.773 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	144485		
111	101.8	82.2	123.4	
192	17.7	14.0	21.0	

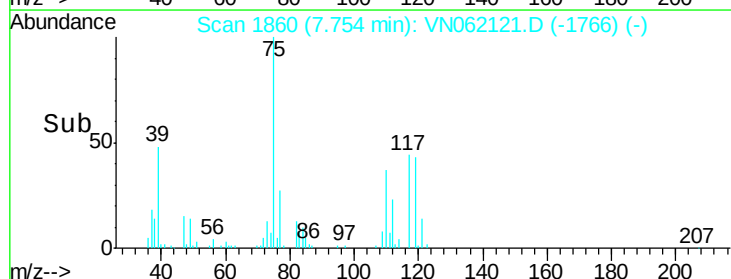
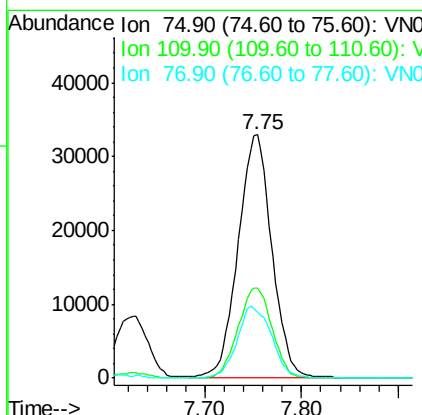
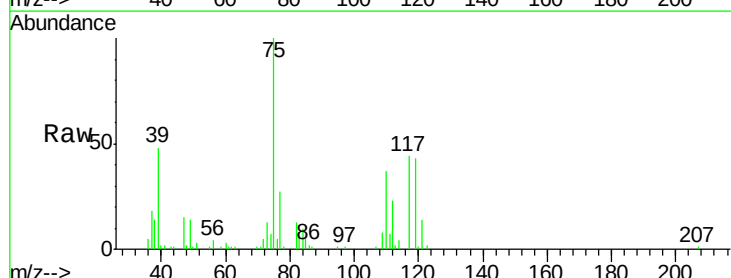
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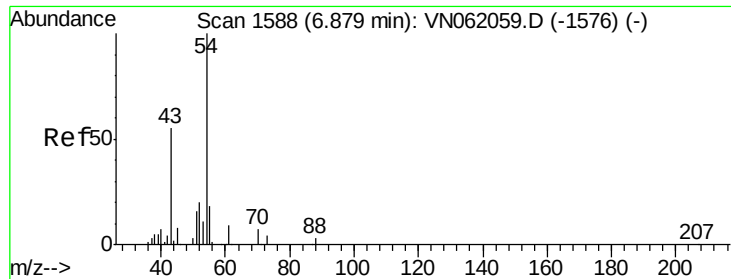
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#36
1,1-Dichloropropene
Concen: 17.607 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	80078		
110	37.0	17.9	53.8	
77	29.8	24.9	37.3	





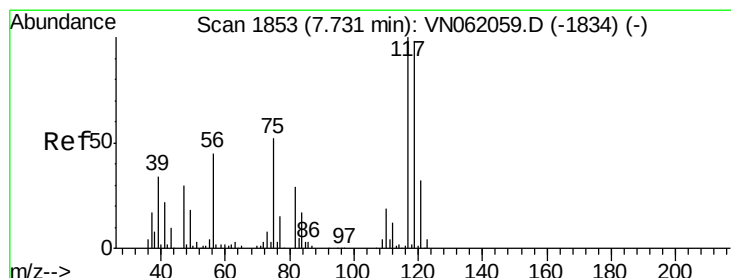
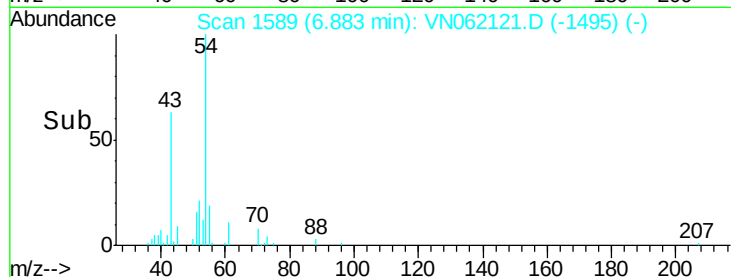
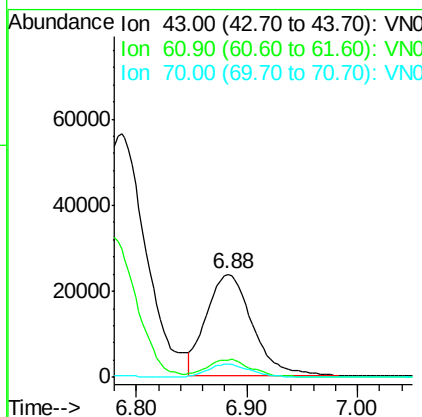
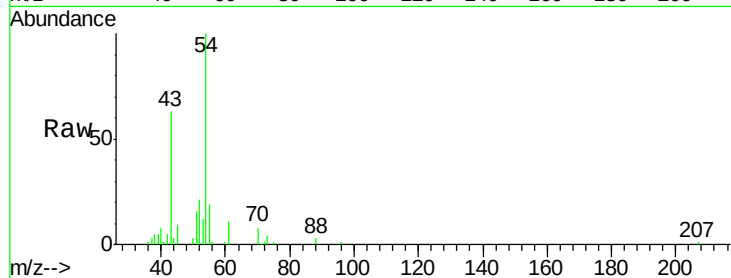
#37
Ethyl Acetate
Concen: 18.178 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Instrument :
MSVOA_N
ClientSampled :
VN0625WBSD01

Tot Ion	43	Resp	68460
Ion	Ratio	Lower	Upper
43	100		
61	17.3	12.0	18.0
70	12.0	9.6	14.4

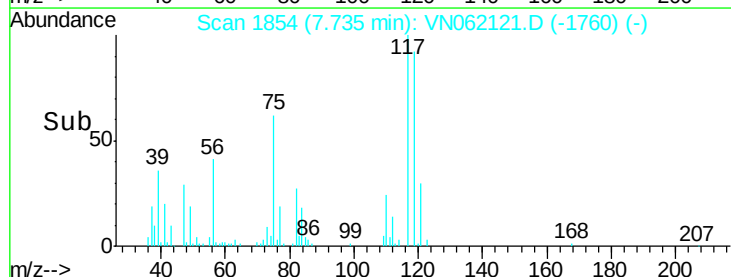
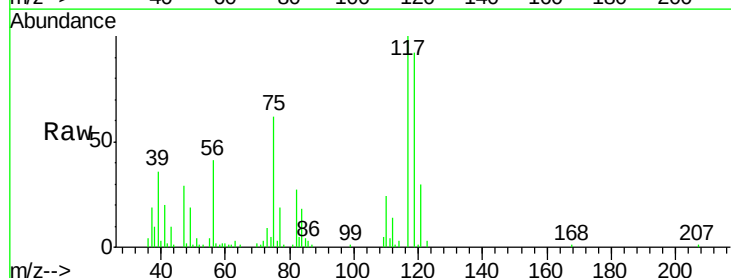
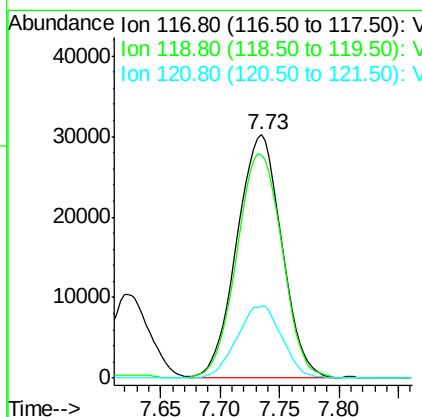
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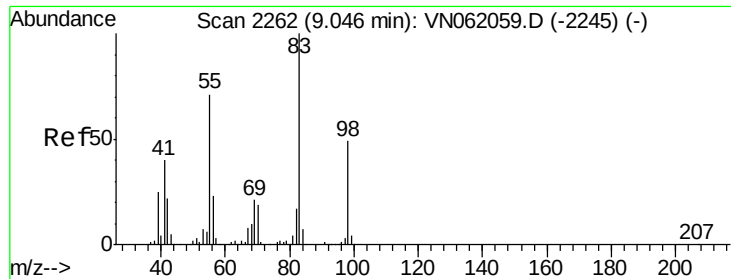
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#38
Carbon Tetrachloride
Concen: 18.455 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Tgt Ion	117	Resp	79134
Ion	Ratio	Lower	Upper
117	100		
119	91.9	78.2	117.2
121	29.6	25.8	38.6





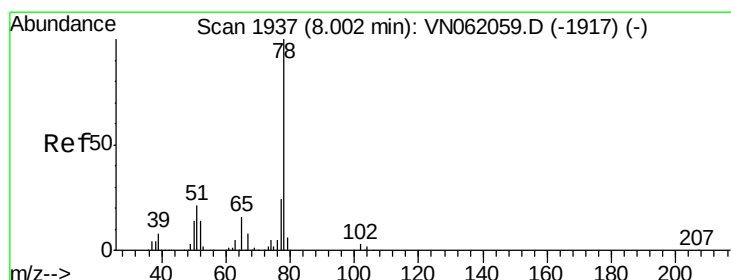
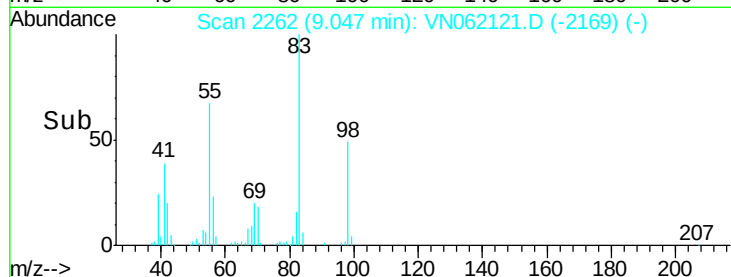
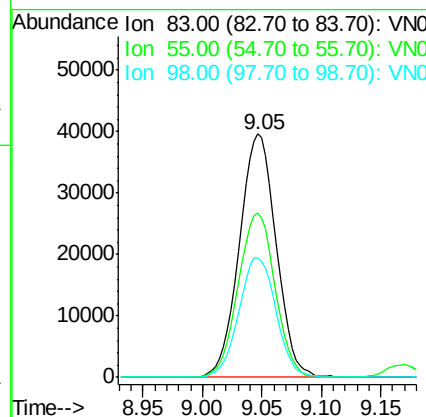
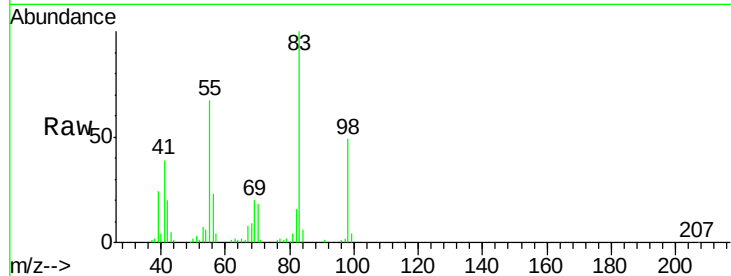
#39
Methylvlcyclohexane
Concen: 17.036 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tot Ion	83	Resp	84895
Ion Ratio	100	Lower	Upper
83	100		
55	67.4	57.0	85.6
98	49.2	39.0	58.6

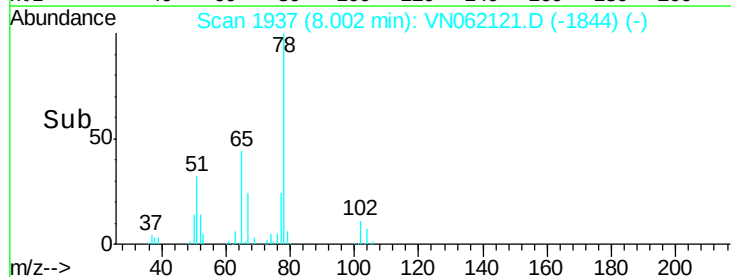
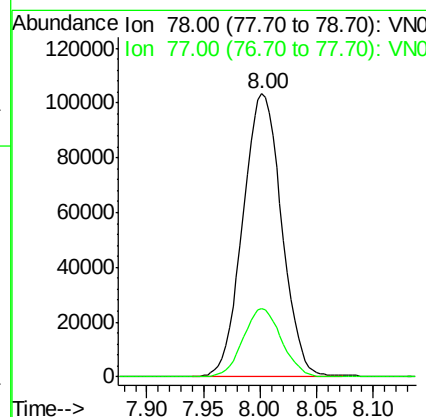
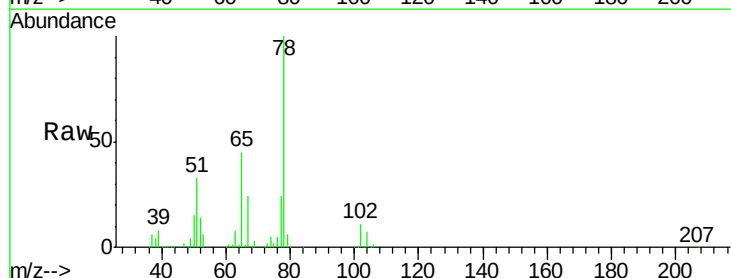
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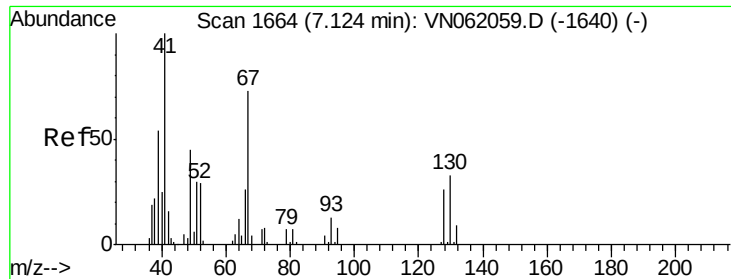
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#40
Benzene
Concen: 17.819 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Tgt Ion	78	Resp	247012
Ion Ratio	100	Lower	Upper
78	100		
77	24.3	19.5	29.3





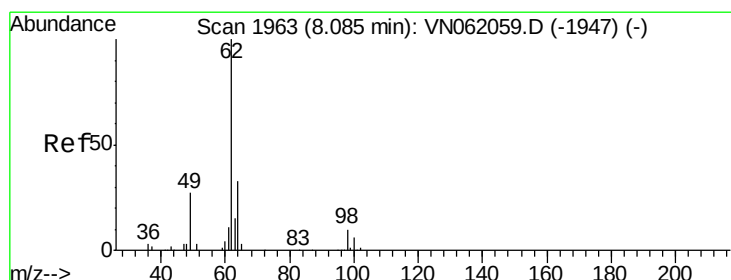
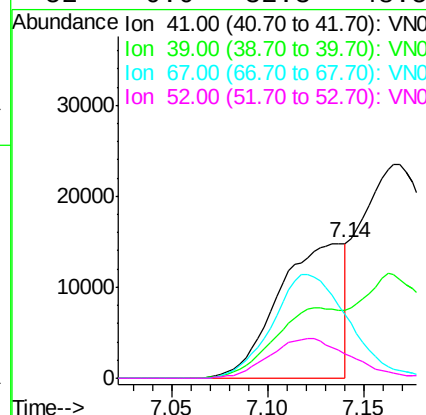
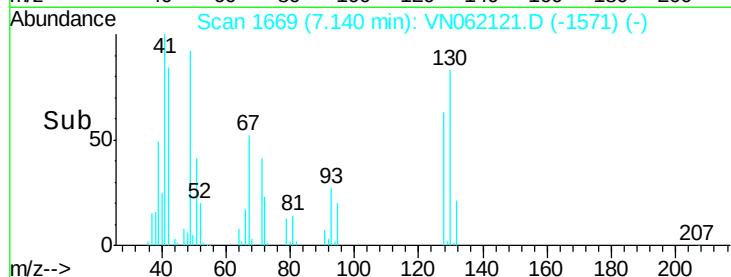
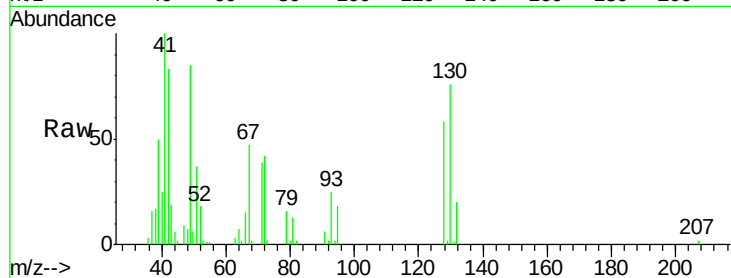
#41
Methacrylonitrile
Concen: 20.325 ug/l m
RT: 7.14 min Scan# 1669
Delta R.T. 0.02 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.2	66.2#
67	0.0	79.5	119.3#
52	0.0	32.3	48.5#

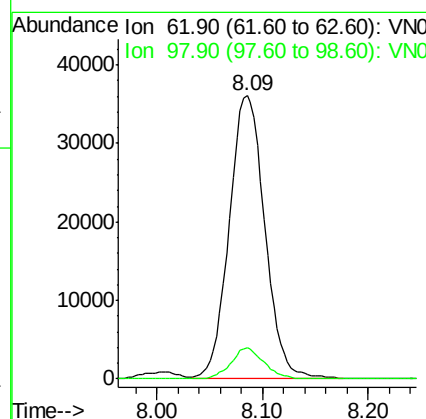
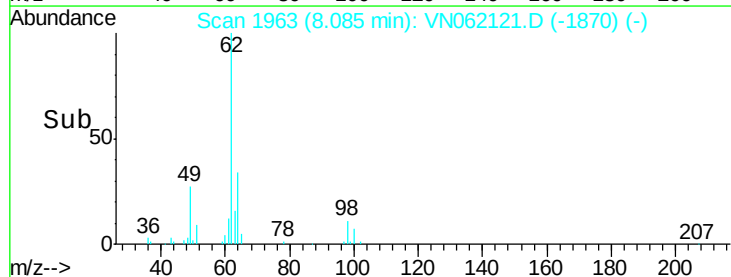
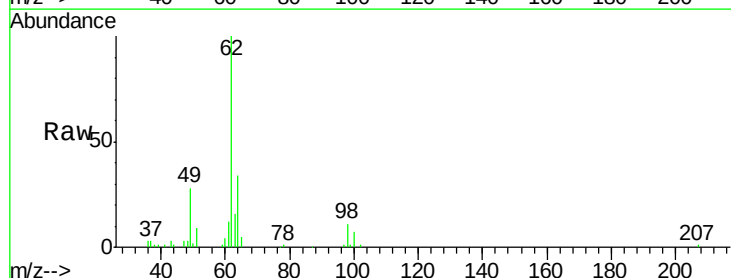
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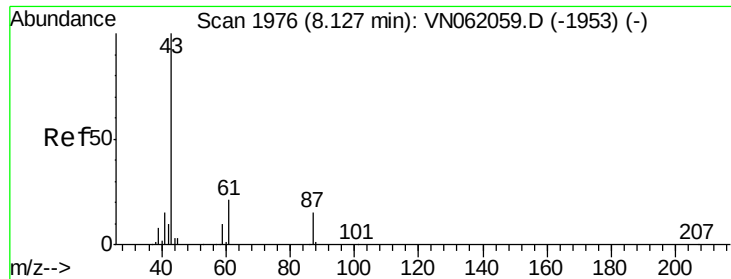
MMDadoda
6/26/2020 10:34:19 AM



#42
1,2-Dichloroethane
Concen: 18.074 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.8





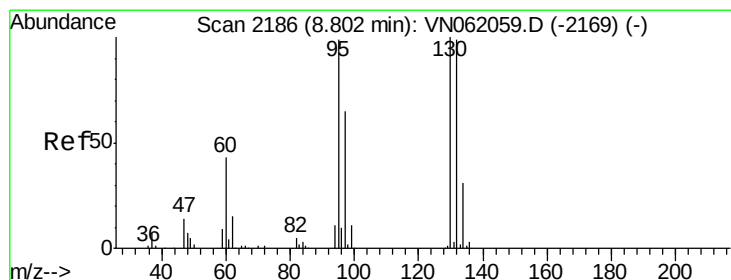
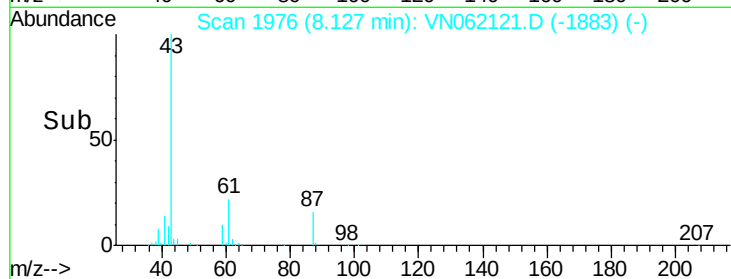
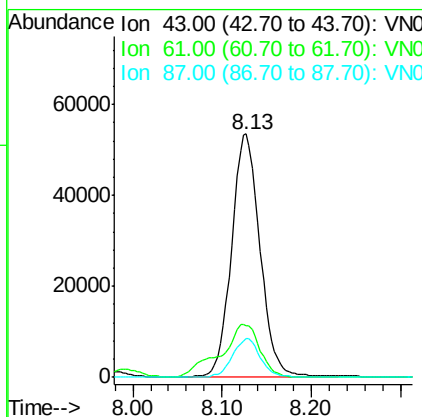
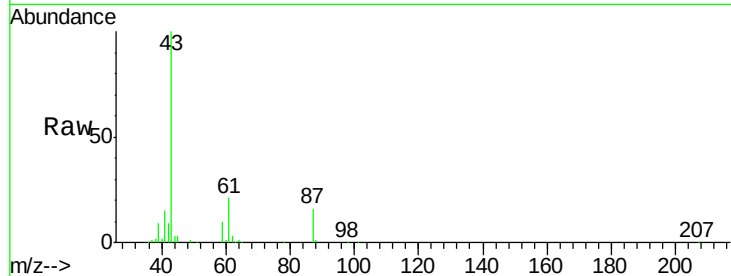
#43
Isopropyl Acetate
Concen: 19.336 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.0	17.2	25.8
87	15.6	12.1	18.1

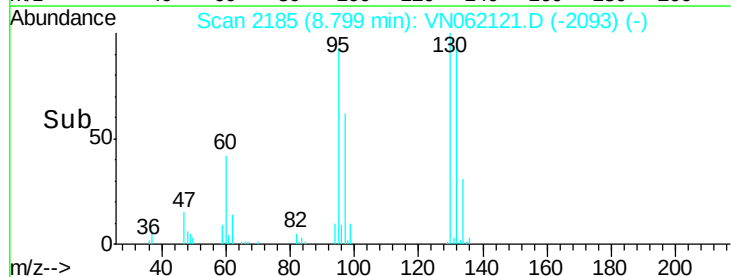
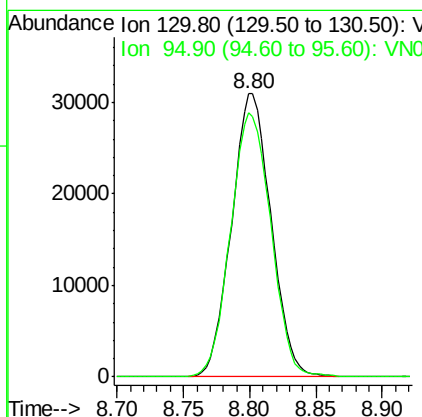
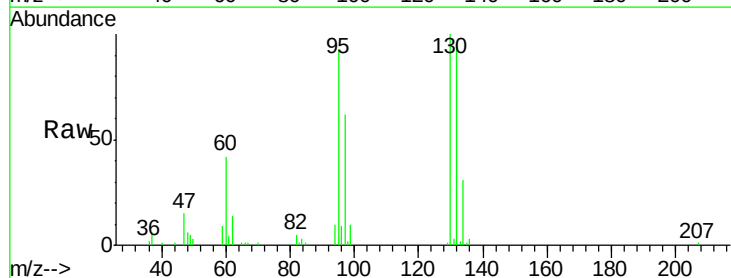
Manual Integrations
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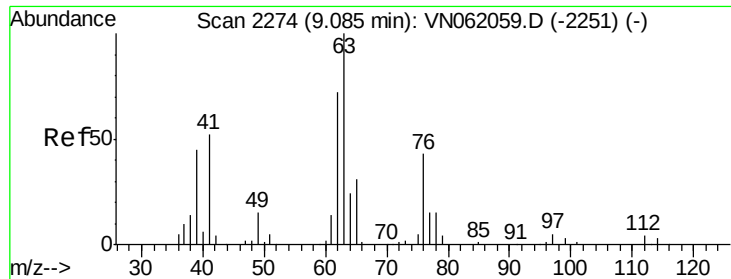
MMDadoda
6/26/2020 10:34:19 AM



#44
Trichloroethene
Concen: 18.362 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	197.8





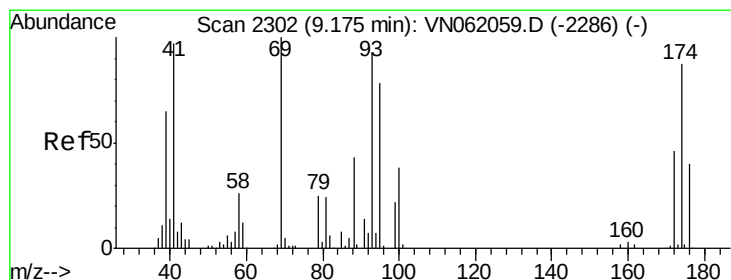
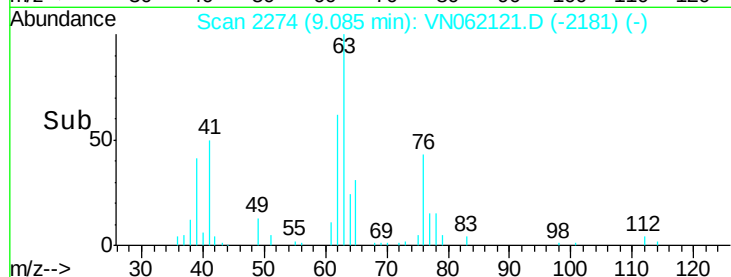
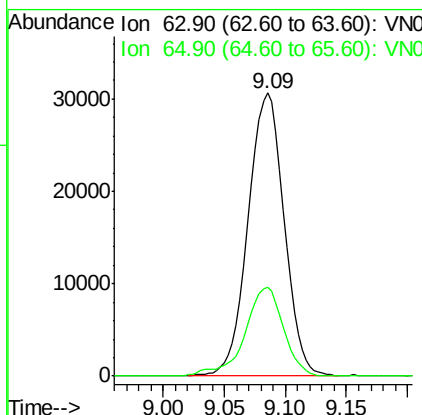
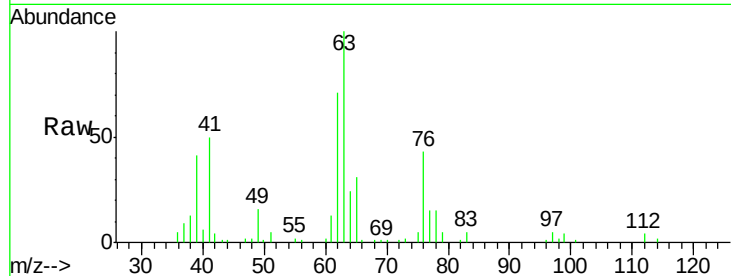
#45
 1,2-Dichloropropane
 Concen: 18.296 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Tot Ion: 63 Resp: 62570
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.0 37.4

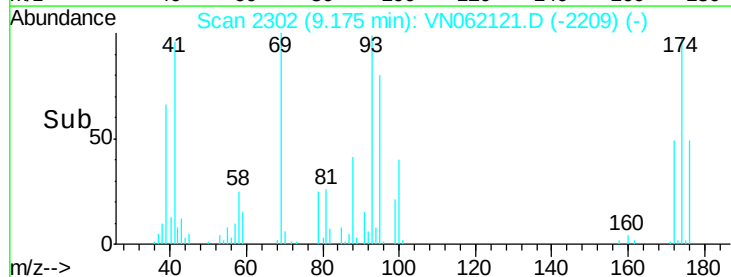
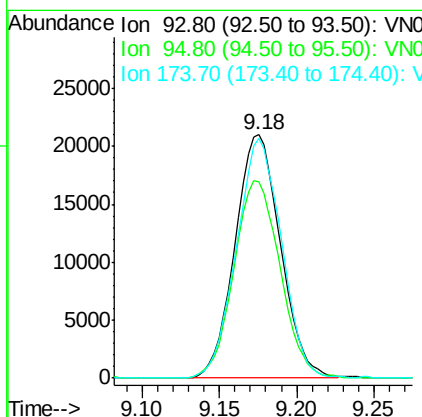
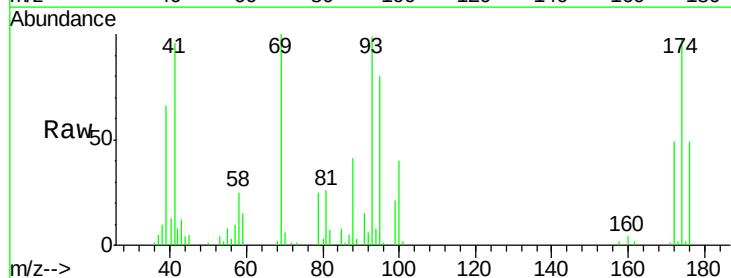
Manual Integrations
 APPROVED

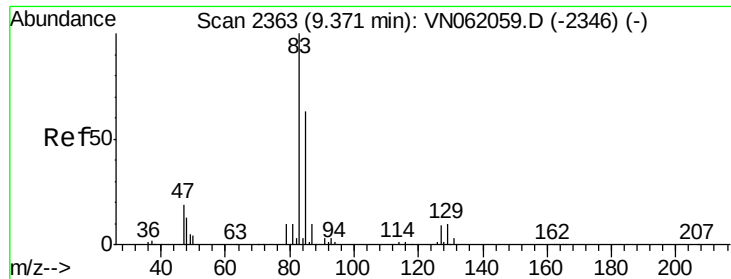
MMDadoda
 6/26/2020 10:34:19 AM



#46
 Dibromomethane
 Concen: 18.524 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

Tgt Ion: 93 Resp: 42953
 Ion Ratio Lower Upper
 93 100
 95 82.3 67.0 100.6
 174 97.5 74.4 111.6





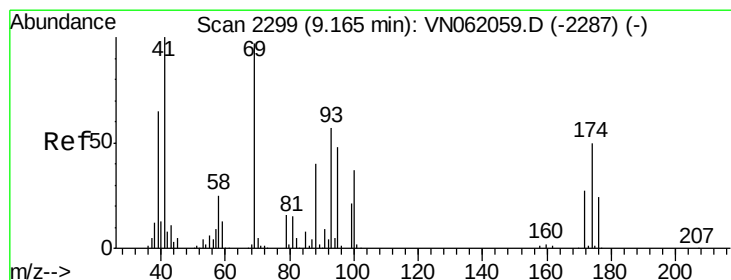
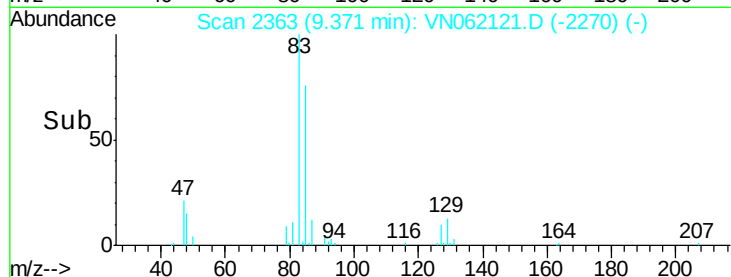
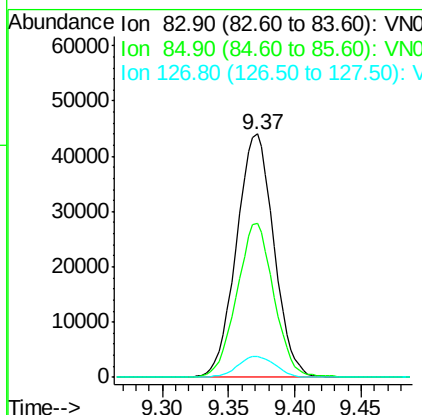
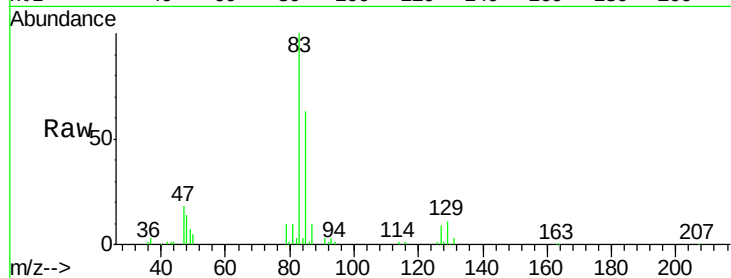
#47
Bromodichloromethane
Concen: 18.425 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.0	50.3	75.5
127	8.6	6.9	10.3

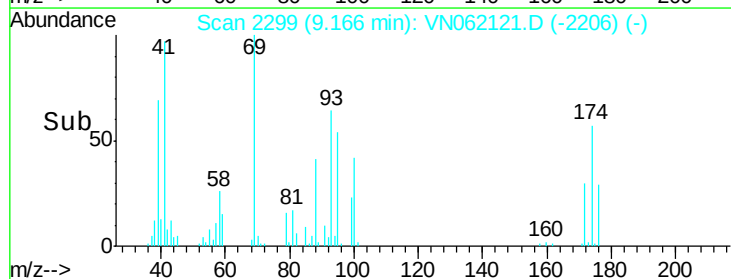
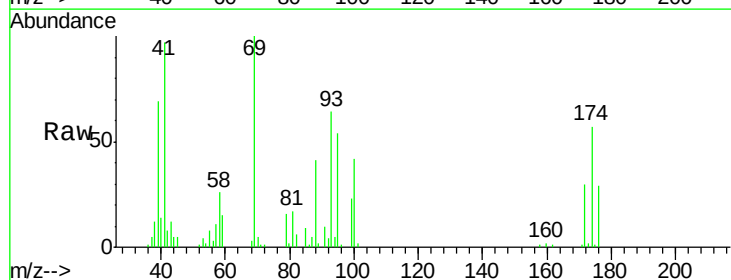
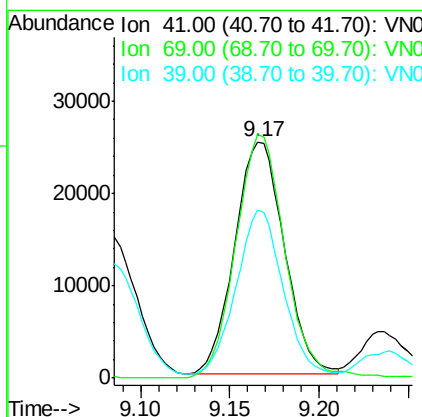
Manual Integrations
APPROVED

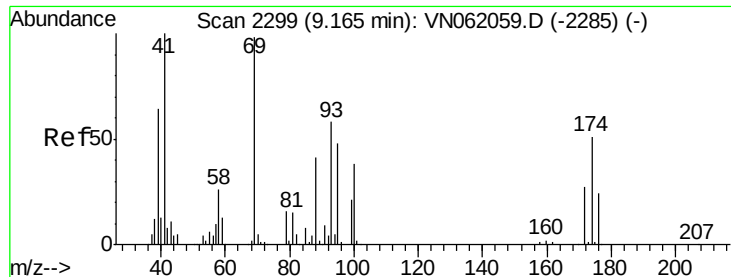
MMDadoda
6/26/2020 10:34:19 AM



#48
Methyl methacrylate
Concen: 17.813 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Tgt Ion	Ratio	Lower	Upper
41	100		
69	104.5	80.7	121.1
39	70.1	54.5	81.7





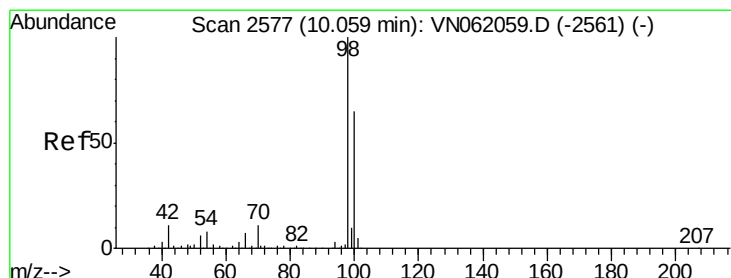
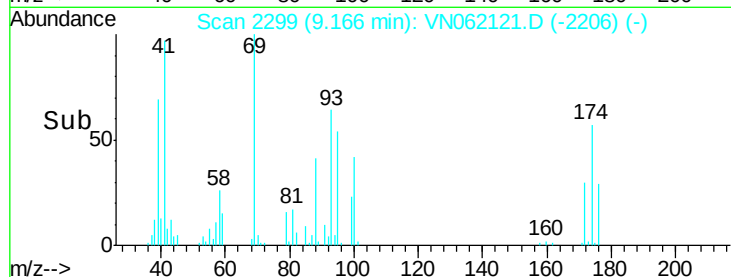
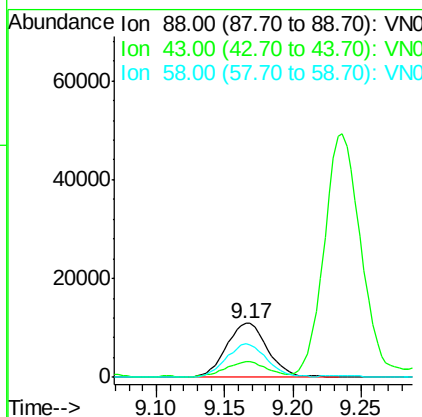
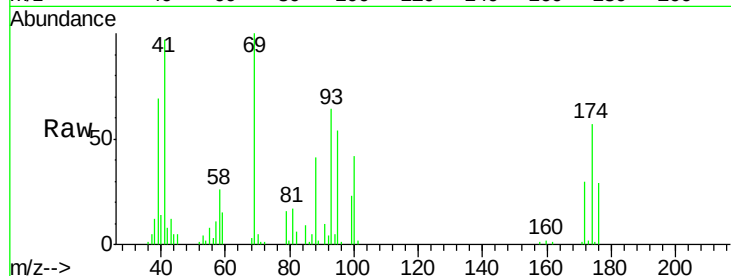
#49
1,4-Dioxane
Concen: 377.263 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tot Ion	88	Resp	23030
Ion	Ratio	Lower	Upper
88	100		
43	29.6	22.0	33.0
58	61.1	49.2	73.8

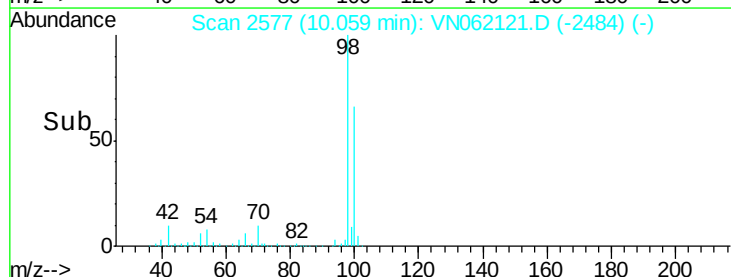
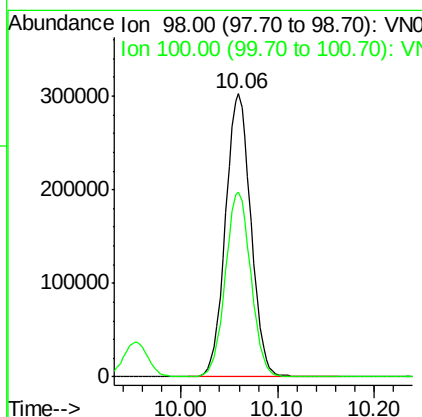
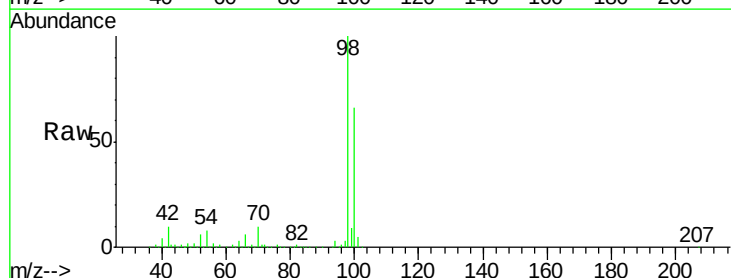
Manual Integrations
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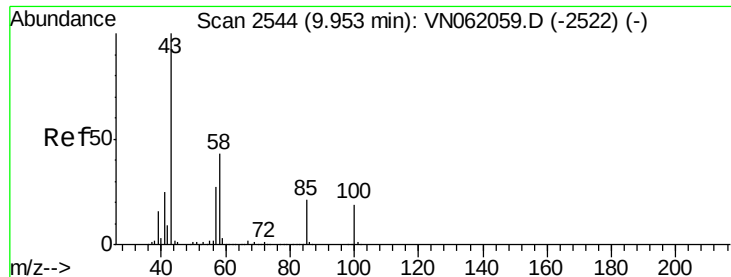
MMDadoda
6/26/2020 10:34:19 AM



#50
Toluene-d8
Concen: 47.562 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Tgt Ion	98	Resp	551900
Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.2	76.8





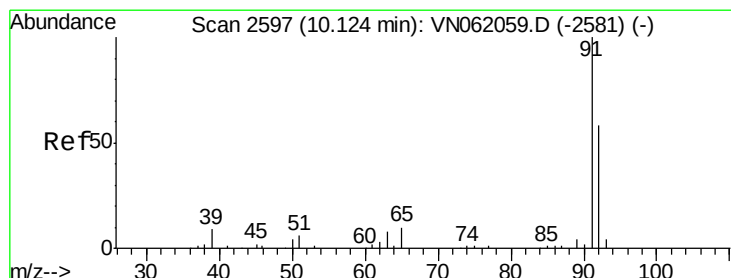
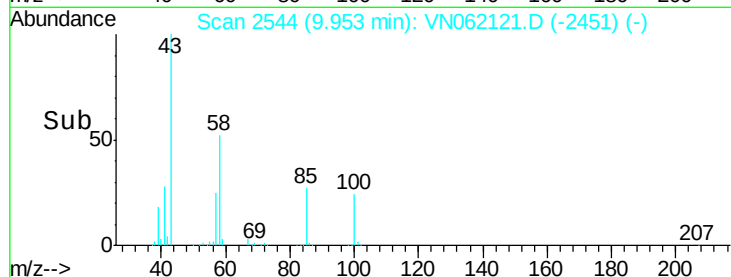
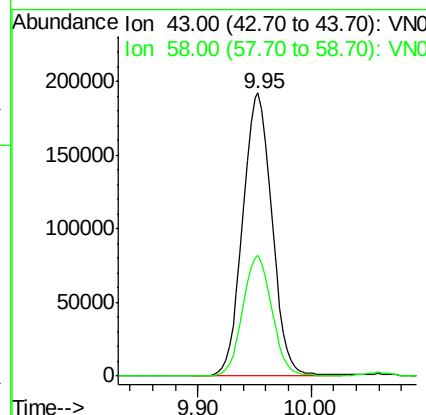
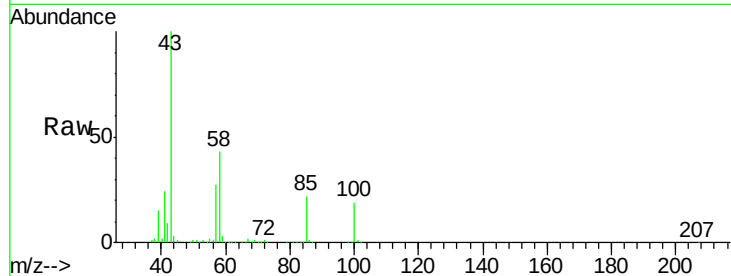
#51
4-Methyl-2-Pentanone
Concen: 97.019 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Instrument :
MSVOA_N
ClientSampled :
VN0625WBSD01

Tot Ion: 43 Resp: 348005
Ion Ratio Lower Upper
43 100
58 42.5 34.2 51.2

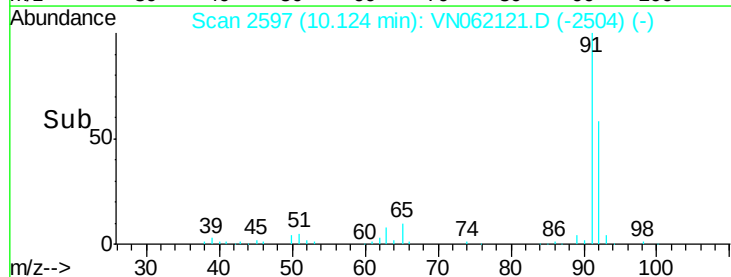
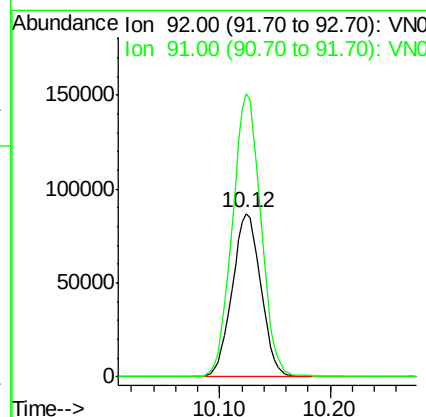
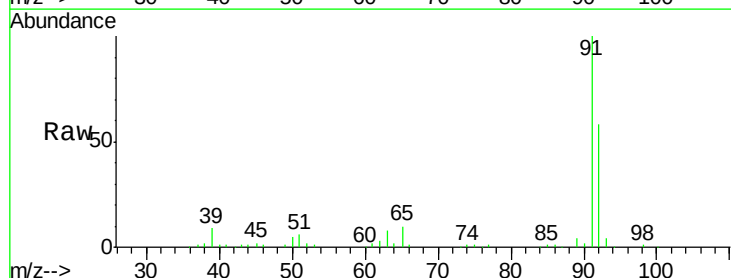
Manual Integrations
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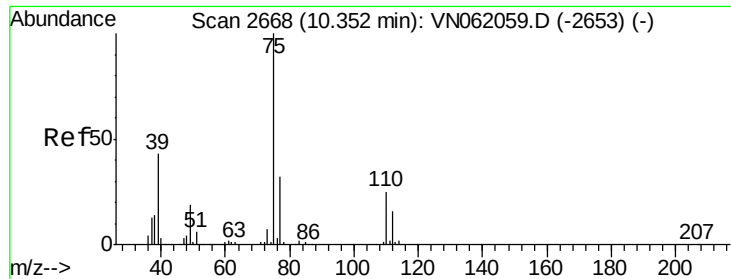
MMDadoda
6/26/2020 10:34:19 AM



#52
Toluene
Concen: 18.598 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Tgt Ion: 92 Resp: 157311
Ion Ratio Lower Upper
92 100
91 172.1 137.4 206.0





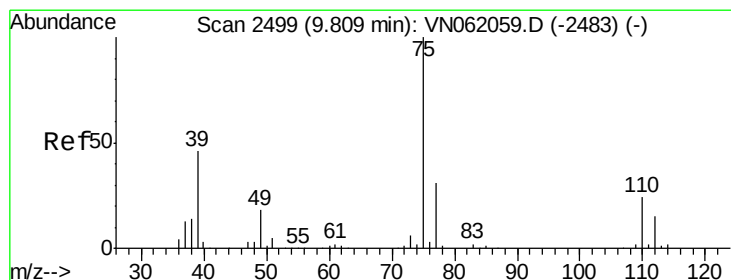
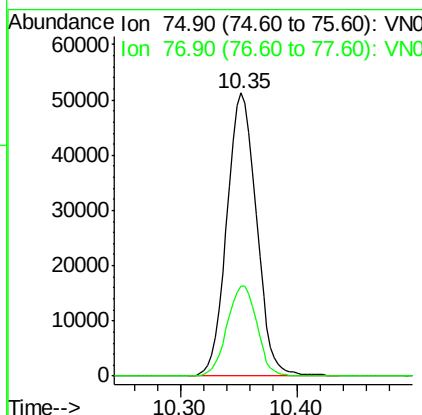
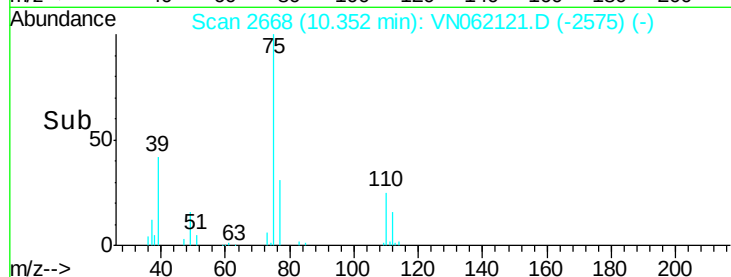
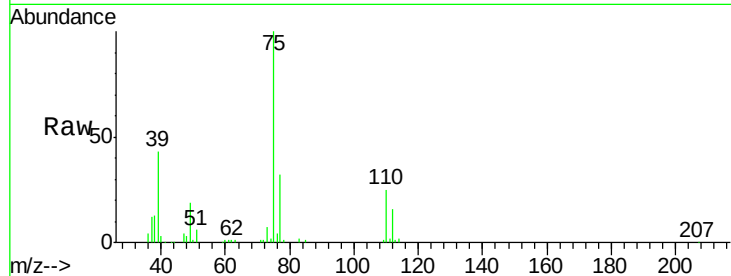
#53
t-1,3-Dichloropropene
Concen: 17.661 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tot Ion: 75 Resp: 90970
Ion Ratio Lower Upper
75 100
77 31.6 25.5 38.3

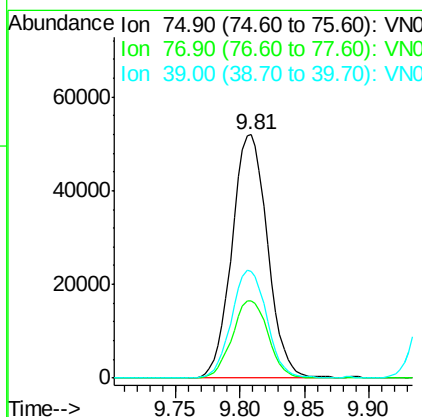
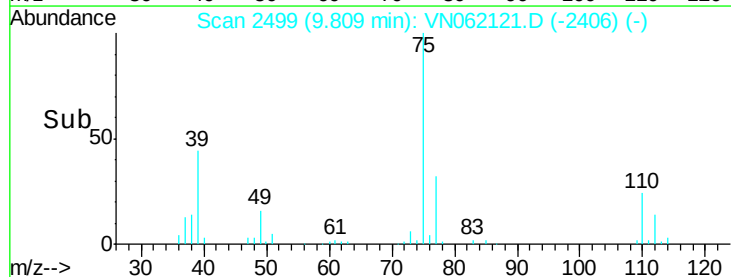
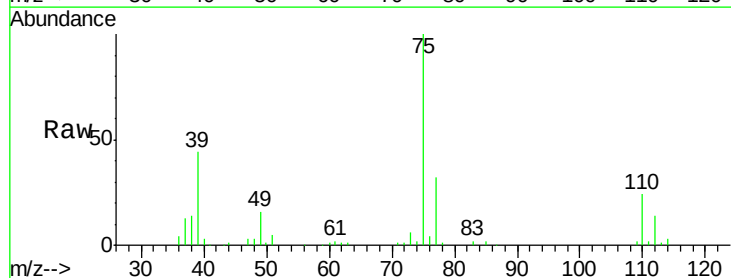
Manual Integrations
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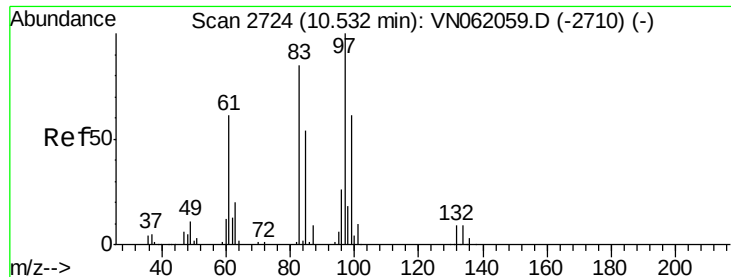
MMDadoda
6/26/2020 10:34:19 AM



#54
cis-1,3-Dichloropropene
Concen: 18.202 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Tgt Ion: 75 Resp: 99818
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.6
39 44.0 36.9 55.3





#55

1,1,2-Trichloroethane

Concen: 18.910 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

Tot Ion: 97 Resp: 62873

Ion Ratio Lower Upper

97 100

83 84.2 68.2 102.2

85 55.1 43.2 64.8

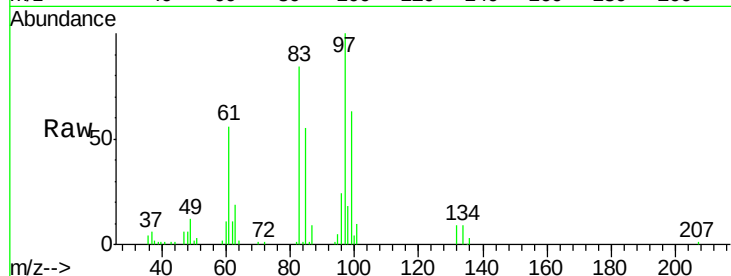
99 62.6 48.5 72.7

Manual Integrations

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MMDadoda

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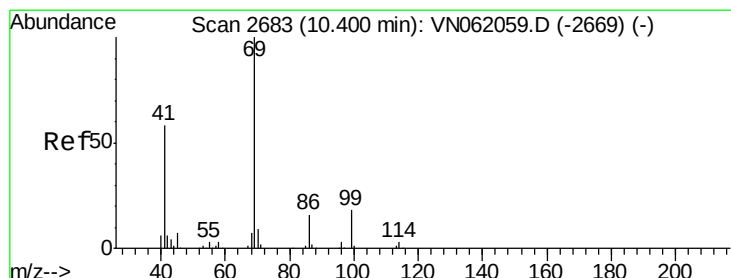
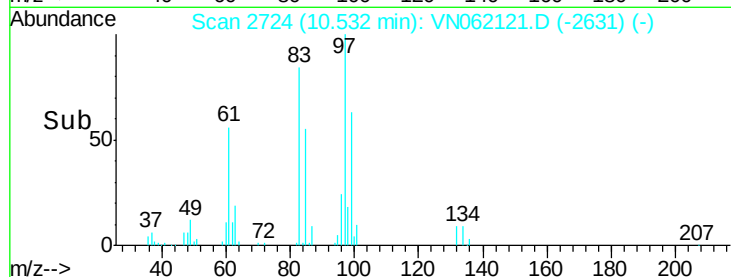
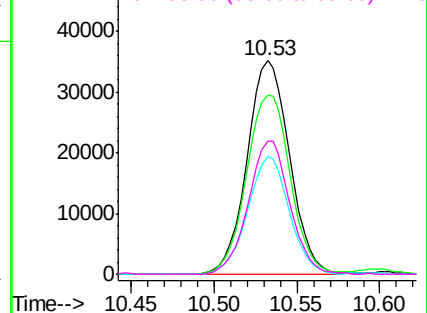


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 19.548 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

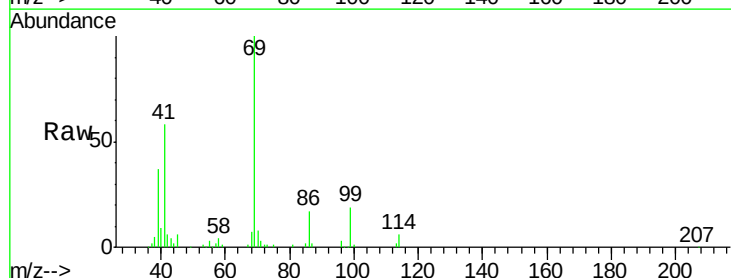
Tgt Ion: 69 Resp: 86737

Ion Ratio Lower Upper

69 100

41 56.7 46.6 70.0

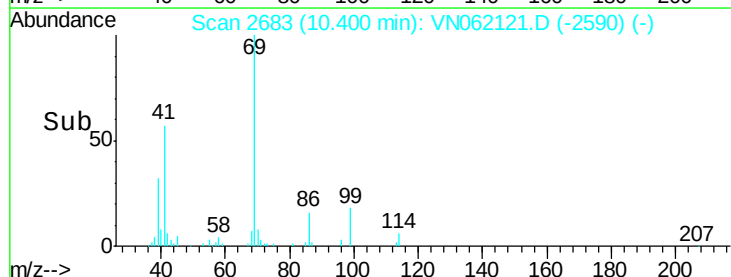
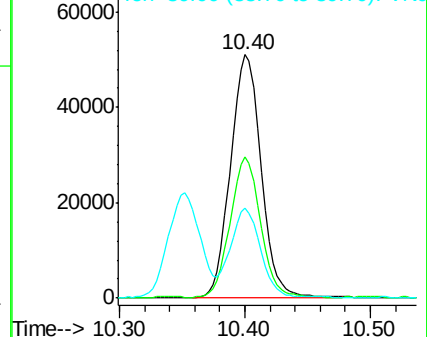
39 36.9 31.0 46.4

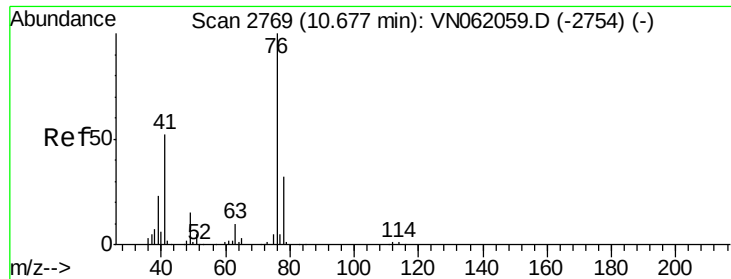


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





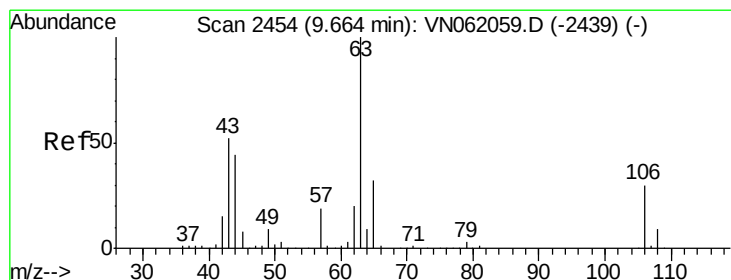
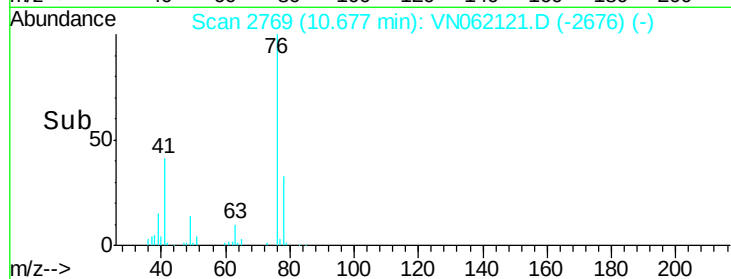
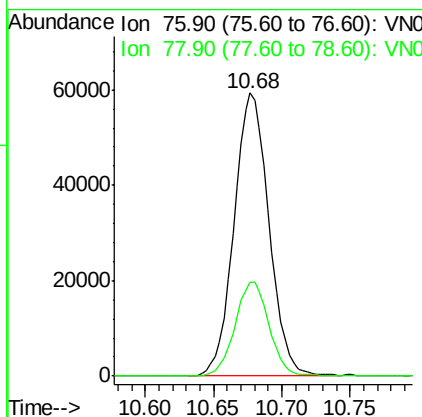
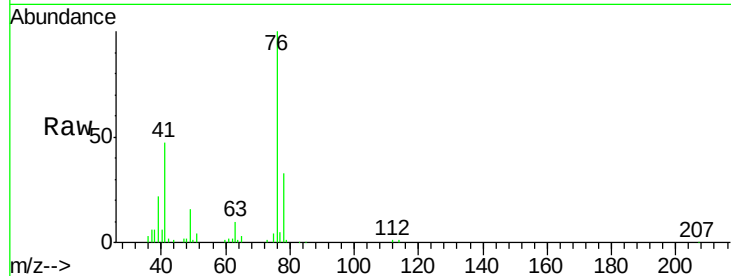
#57
 1,3-Dichloropropane
 Concen: 18.408 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. 0.00 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.8	38.8

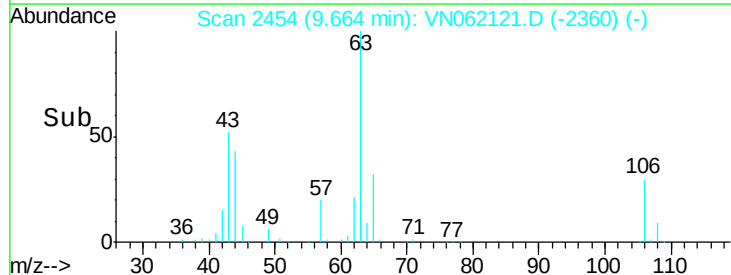
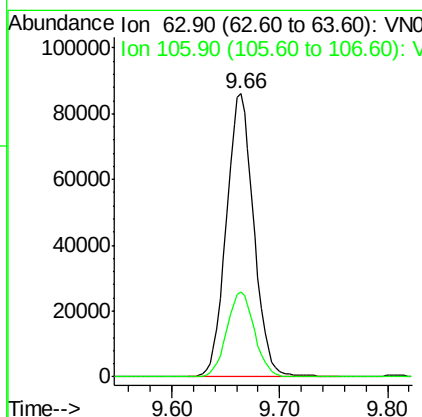
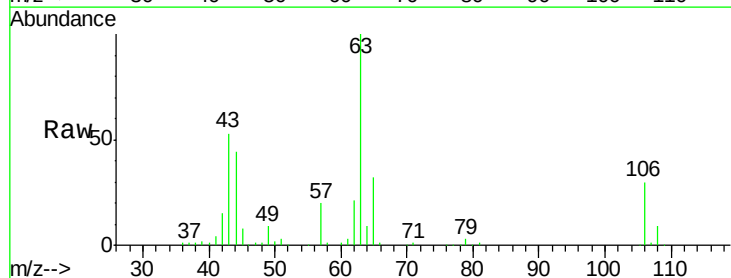
Manual Integrations
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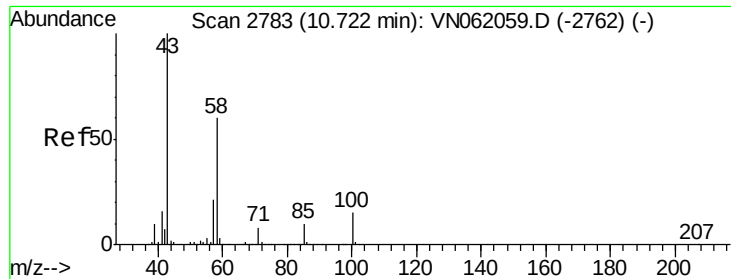
MMDadoda
 6/26/2020 10:34:19 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.424 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.3	23.2	34.8





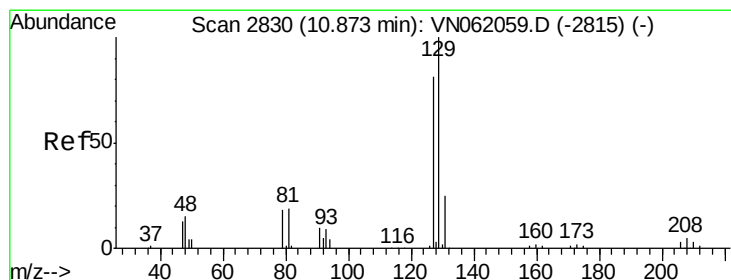
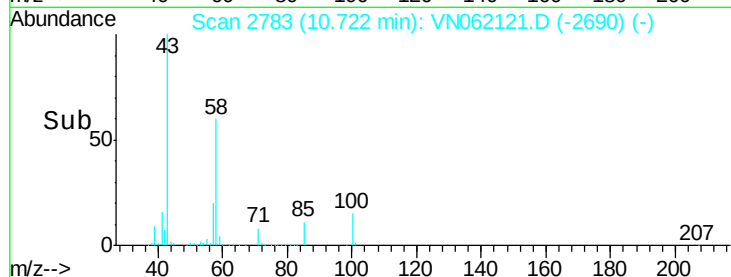
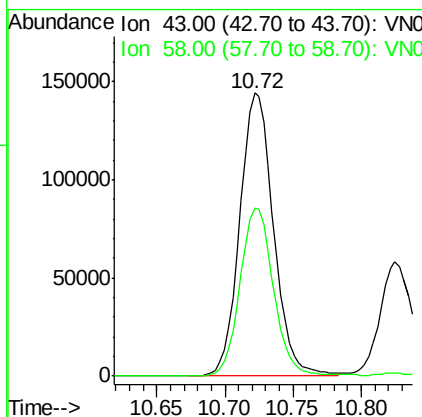
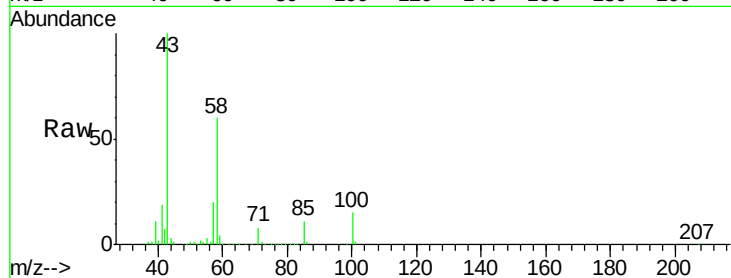
#59
2-Hexanone
Concen: 95.680 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tot Ion	43	Resp	247825
Ion Ratio	100	Lower	Upper
43	100		
58	59.2	29.5	88.5

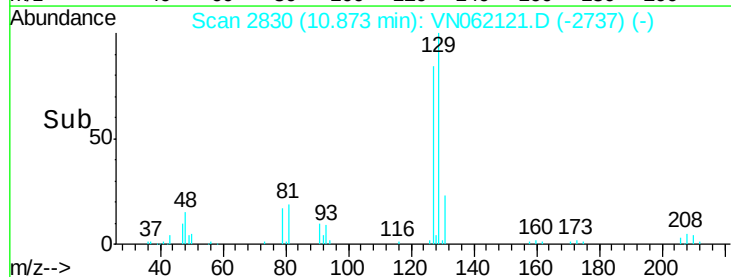
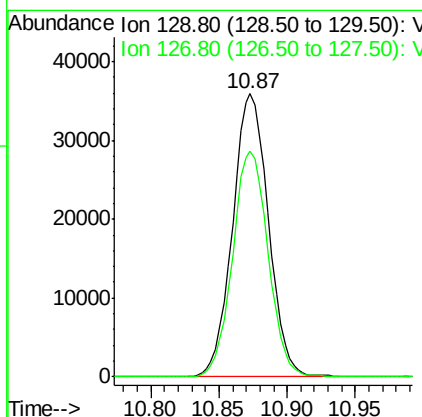
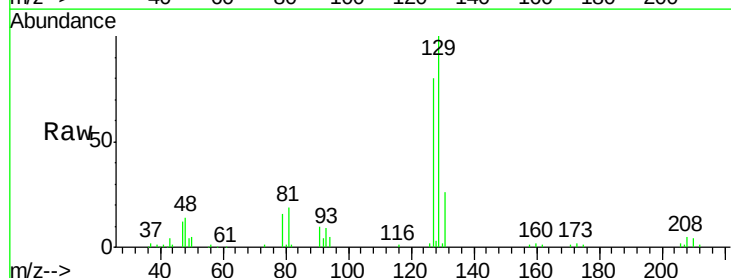
Manual Integrations
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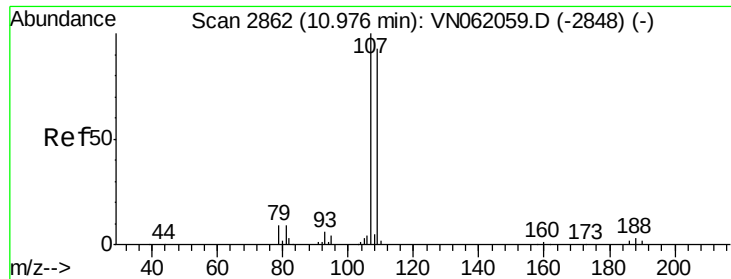
MMDadoda
6/26/2020 10:34:19 AM



#60
Dibromochloromethane
Concen: 18.603 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Tgt Ion	129	Resp	65484
Ion Ratio	100	Lower	Upper
129	100		
127	78.8	39.5	118.5





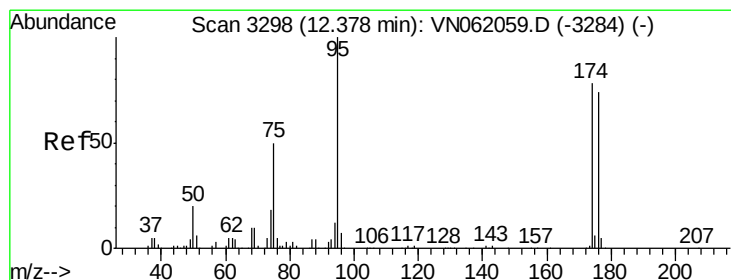
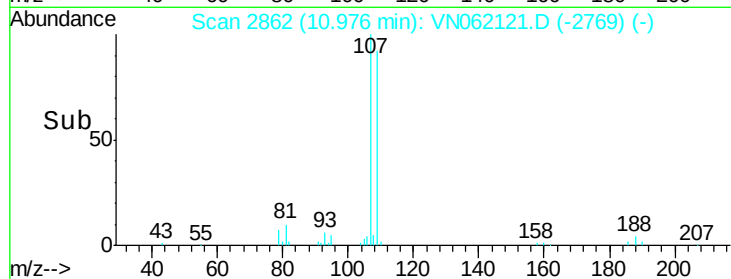
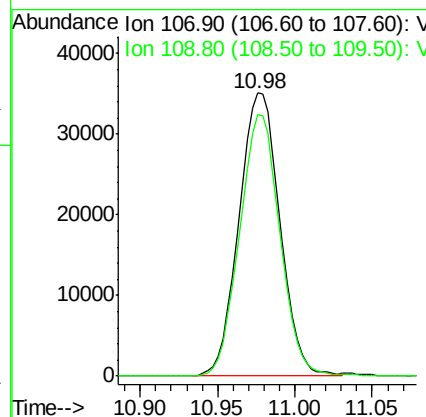
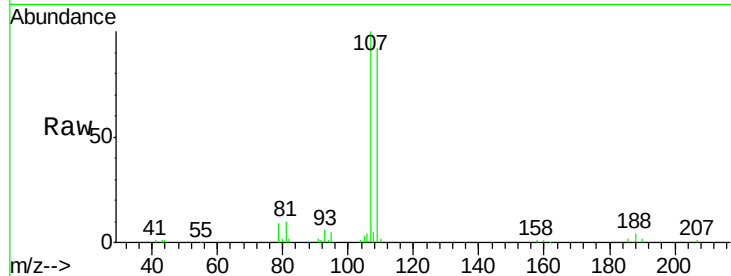
#61
 1,2-Dibromoethane
 Concen: 18.897 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

Instrument :
 MSVOA_N
 ClientSampled :
 VN0625WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	91.2	75.0	112.6

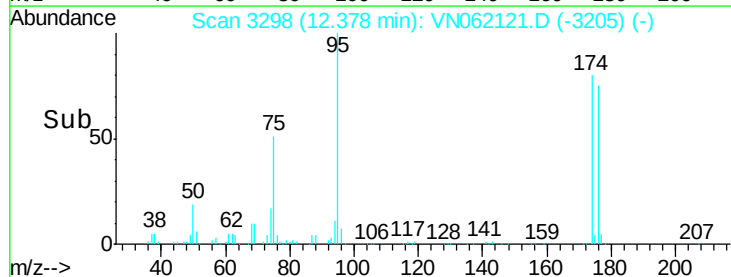
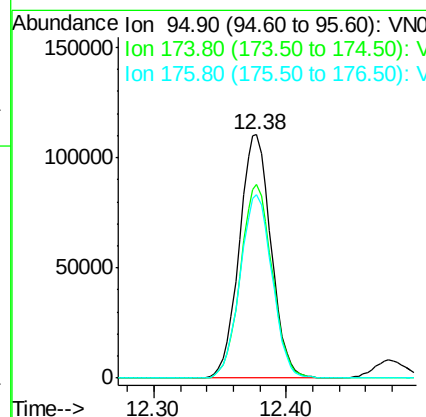
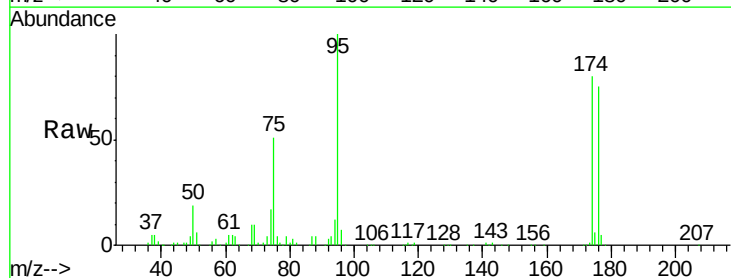
Manual Integrations
 APPROVED

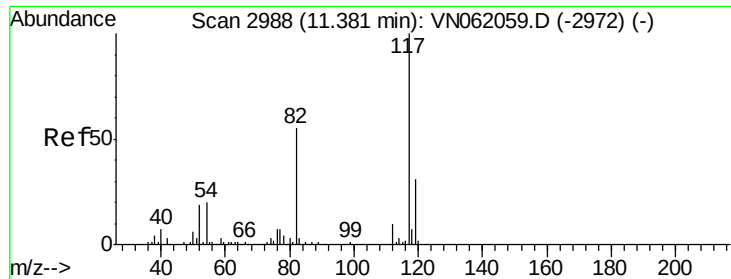
MMDadoda
 6/26/2020 10:34:19 AM



#62
 4-Bromofluorobenzene
 Concen: 46.893 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.2	0.0	154.8
176	76.0	0.0	147.4





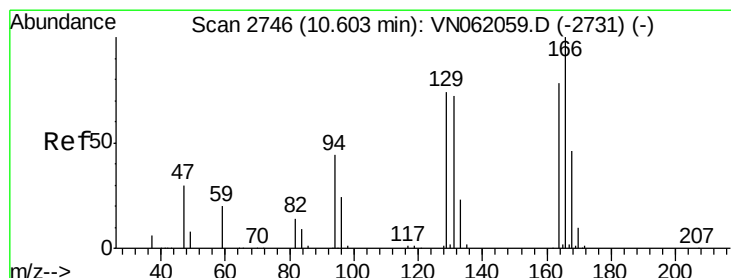
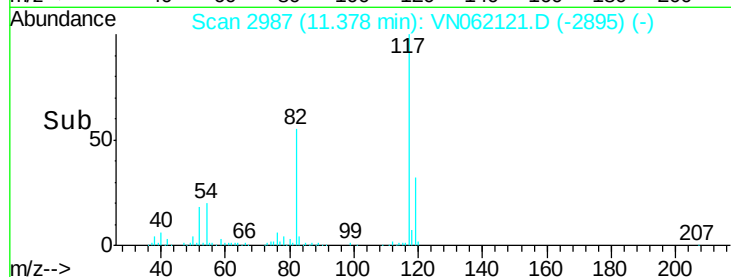
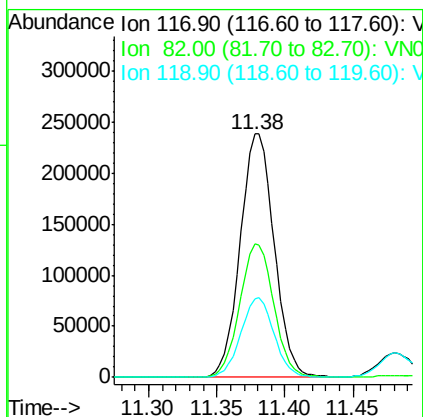
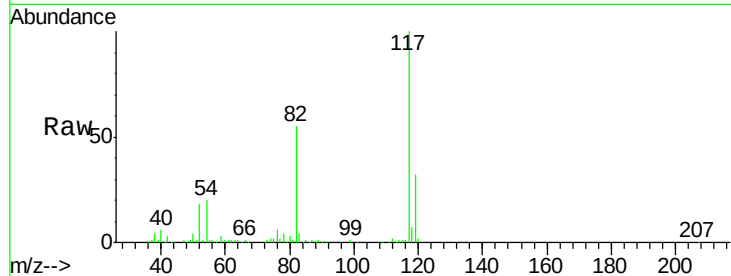
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	413136		
82	54.8		43.8	65.8
119	32.3		25.2	37.8

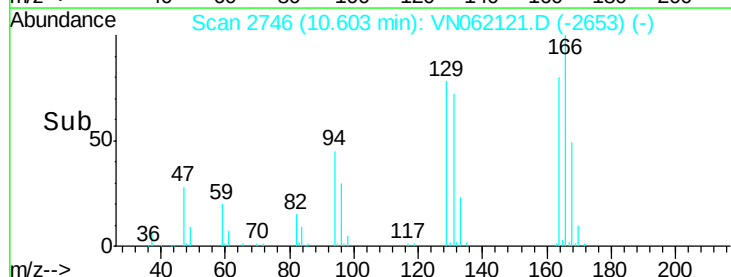
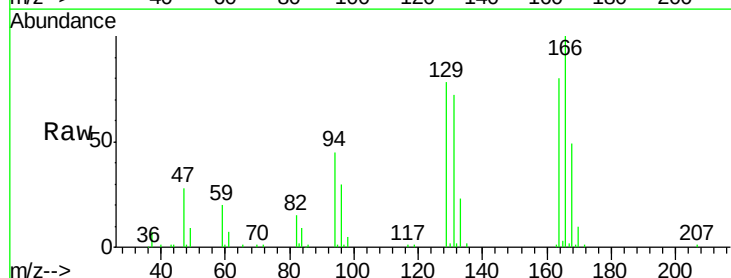
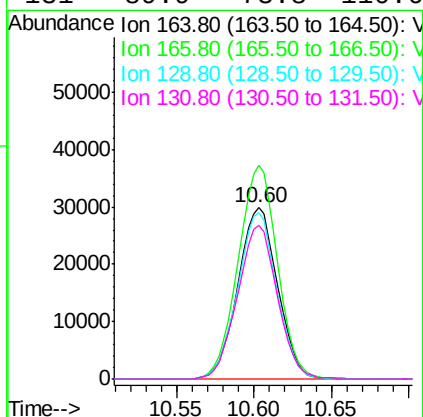
Manual Integrations
APPROVED

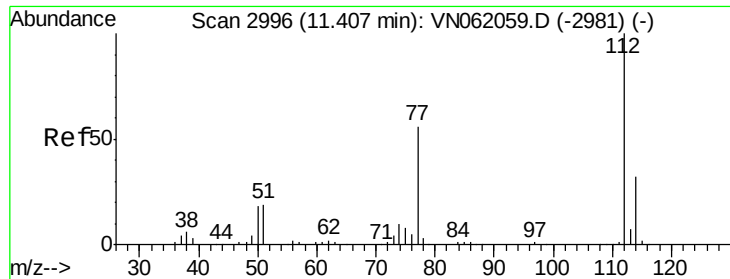
MMDadoda
6/26/2020 10:34:19 AM



#64
Tetrachloroethene
Concen: 18.886 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	53299		
166	124.7		102.9	154.3
129	96.9		75.8	113.8
131	89.9		73.8	110.6





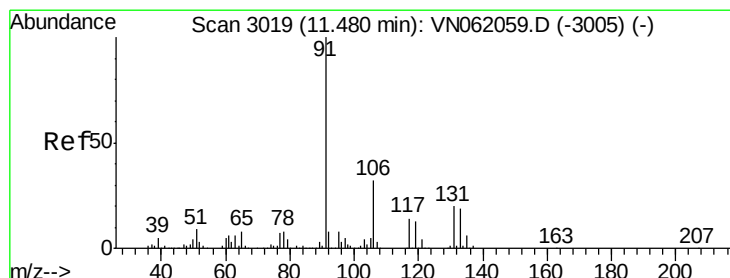
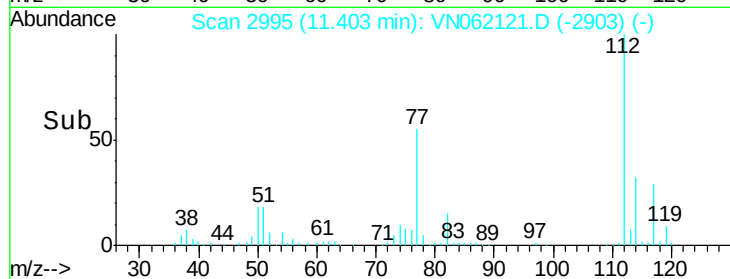
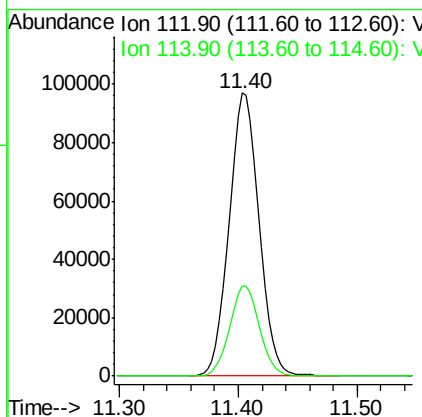
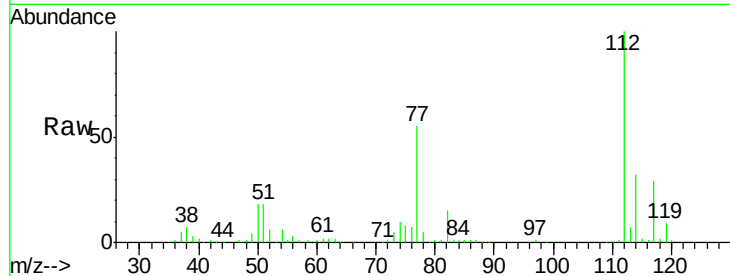
#65
Chlorobenzene
Concen: 18.641 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tot Ion:112 Resp: 169125
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.8

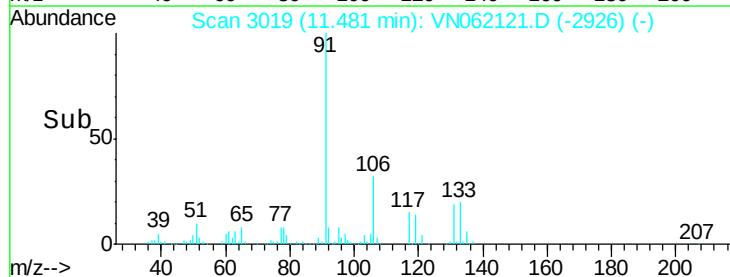
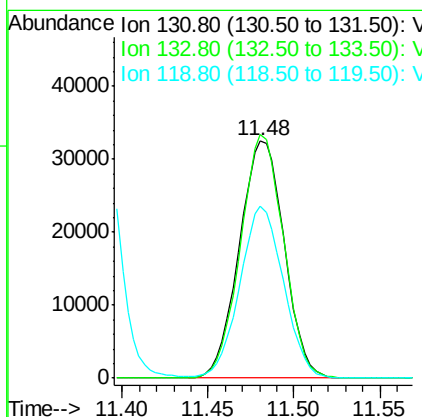
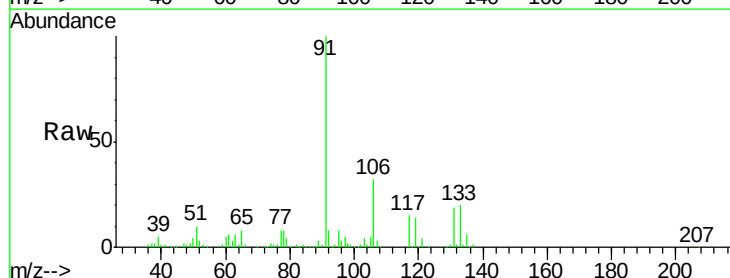
Manual Integrations
APPROVED

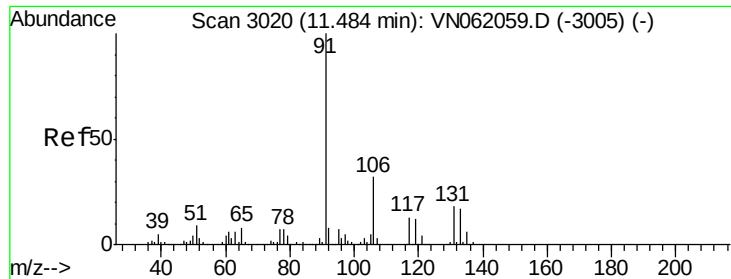
MMDadoda
6/26/2020 10:34:19 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.747 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Tgt Ion:131 Resp: 58814
Ion Ratio Lower Upper
131 100
133 98.6 47.6 142.9
119 70.8 34.4 103.3





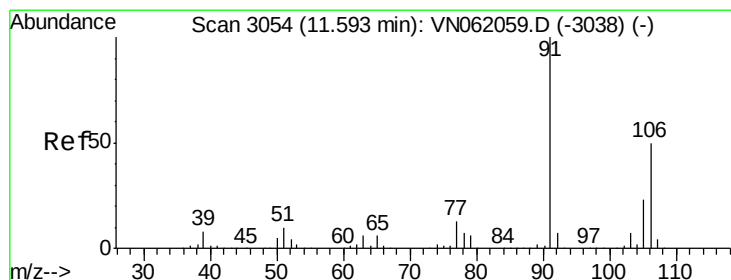
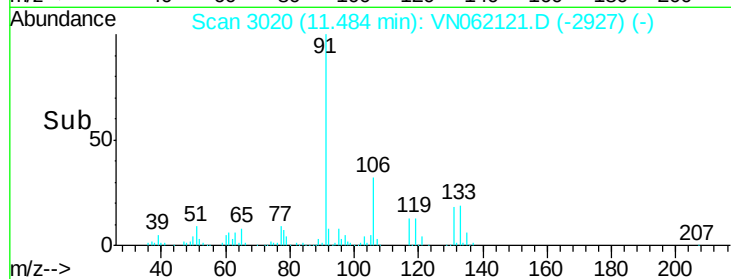
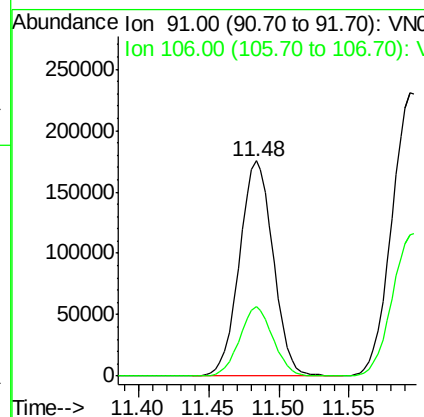
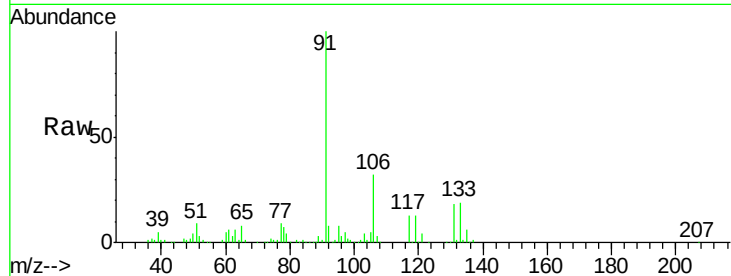
#67
Ethyl Benzene
Concen: 19.178 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.1	25.3	37.9

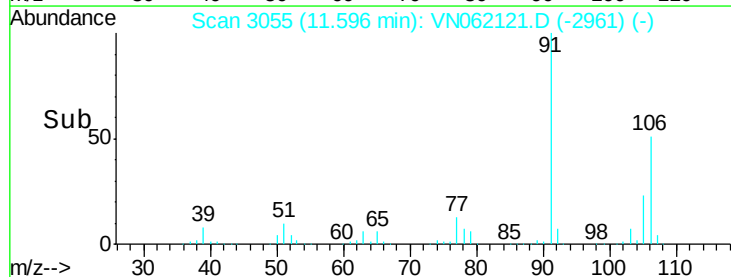
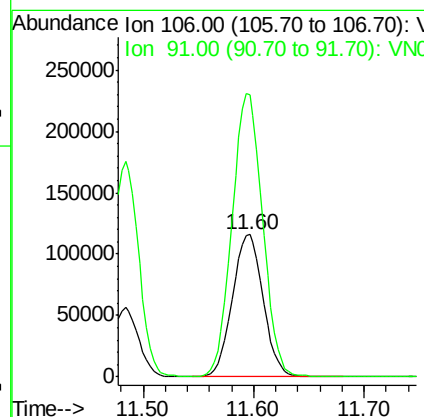
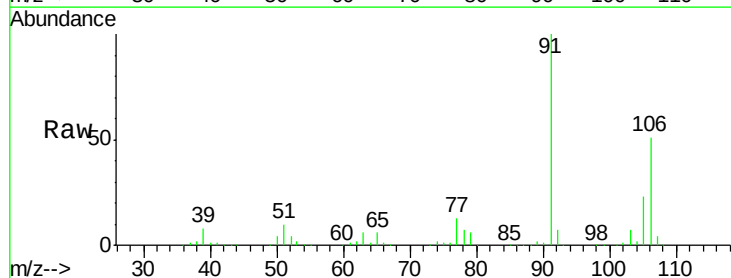
Manual Integrations
APPROVED

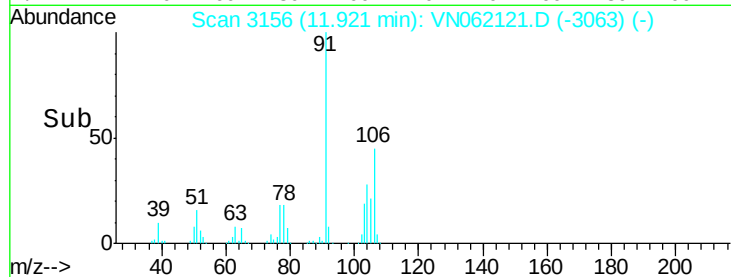
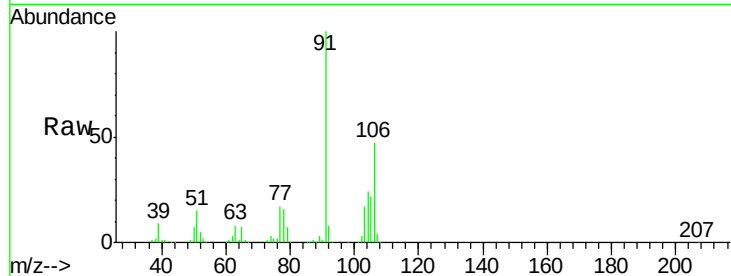
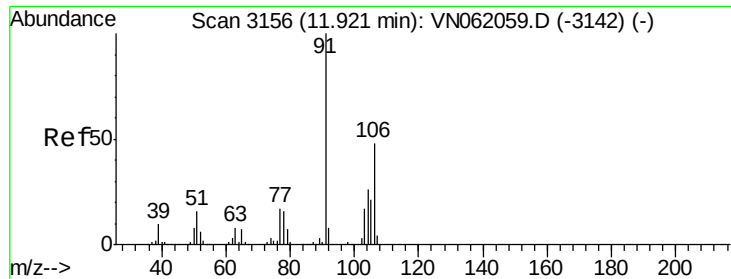
MMDadoda
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#68
m/p-Xylenes
Concen: 37.830 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Tgt Ion	Ratio	Lower	Upper
106	100		
91	196.5	157.8	236.8





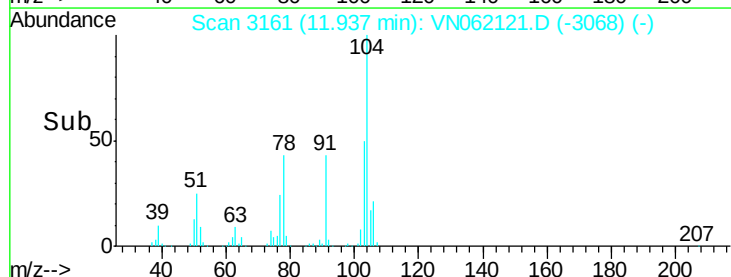
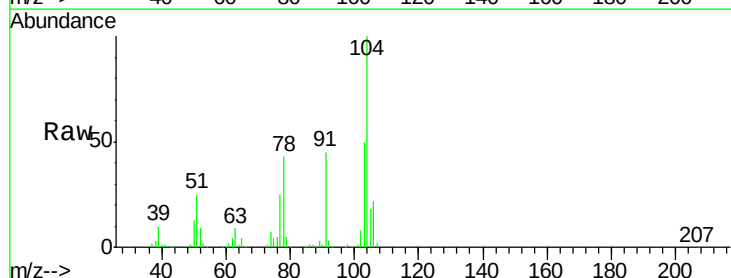
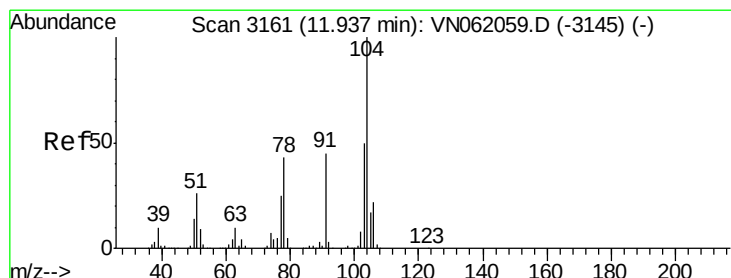
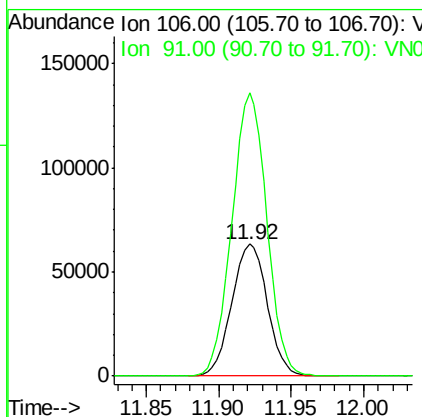
#69
o-Xylene
Concen: 19.282 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	107816		
91	91	210.4	104.0	311.9	

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

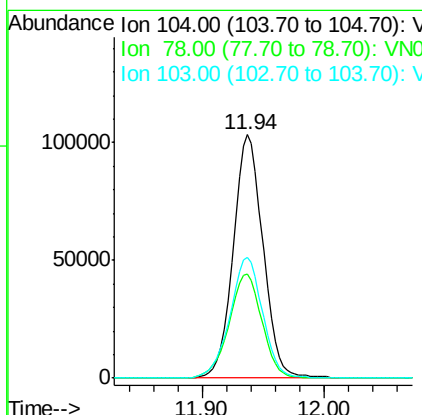
Manual Integrations
APPROVED

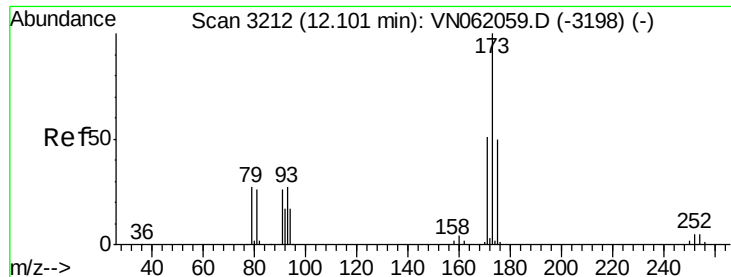
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#70
Styrene
Concen: 18.743 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	174788		
78	78	47.5	37.7	56.5	
103	103	54.5	43.0	64.6	





#71

Bromoform

Concen: 19.217 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

Tot Ion:173 Resp: 42865

Ion Ratio Lower Upper

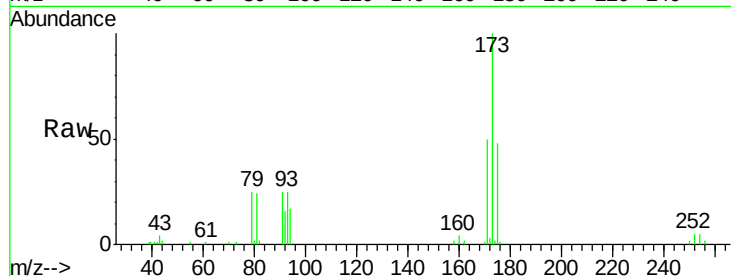
173 100

175 49.5 24.7 74.1

254 0.0 0.0 0.0

Manual Integrations
APPROVED

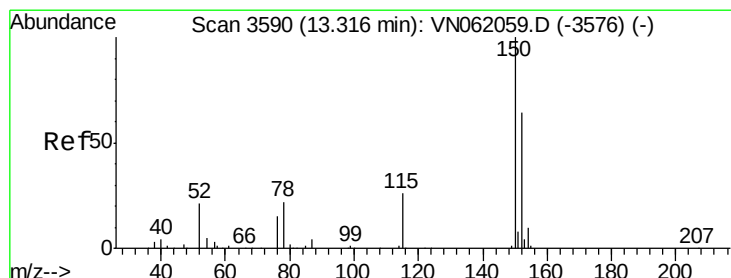
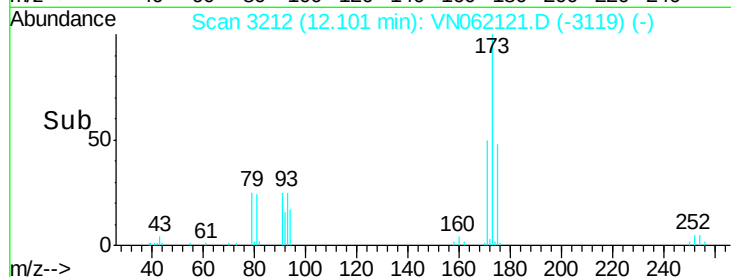
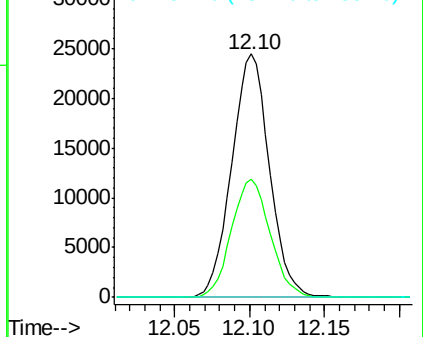
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

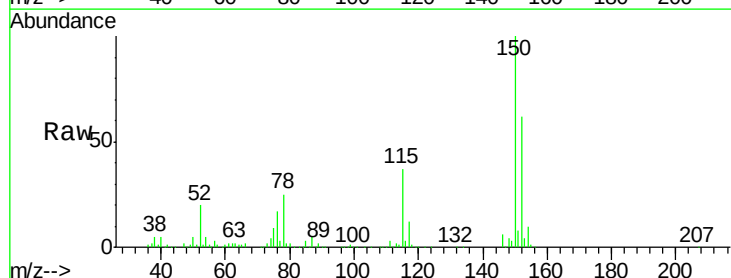
Tgt Ion:152 Resp: 186503

Ion Ratio Lower Upper

152 100

115 58.4 29.5 88.5

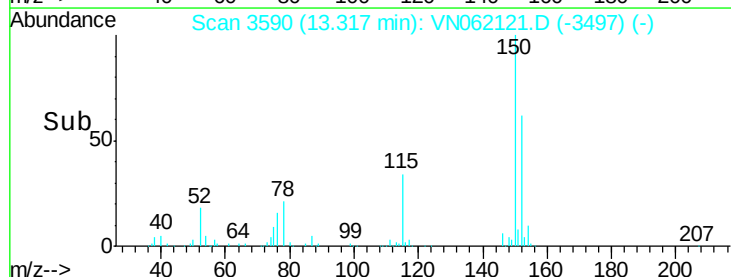
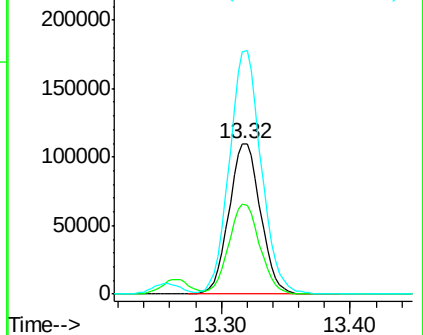
150 163.0 0.0 351.4

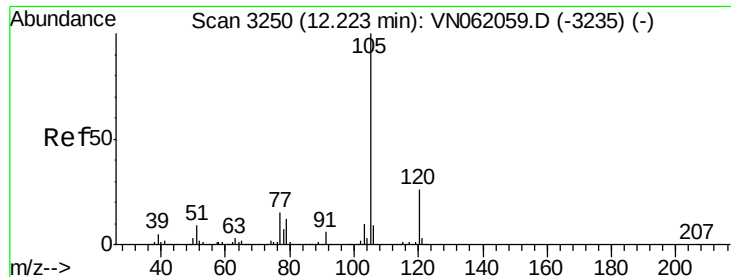


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.588 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

Tot Ion:105 Resp: 282791

Ion Ratio Lower Upper

105 100

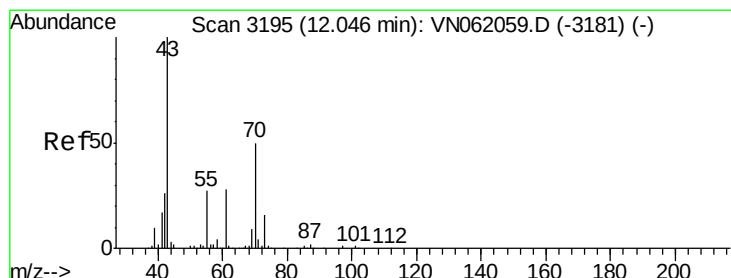
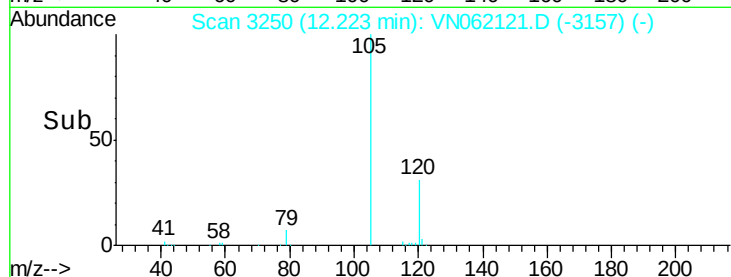
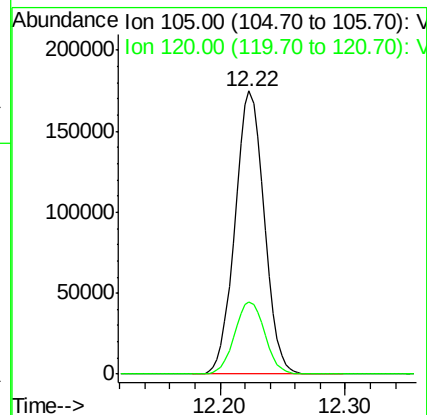
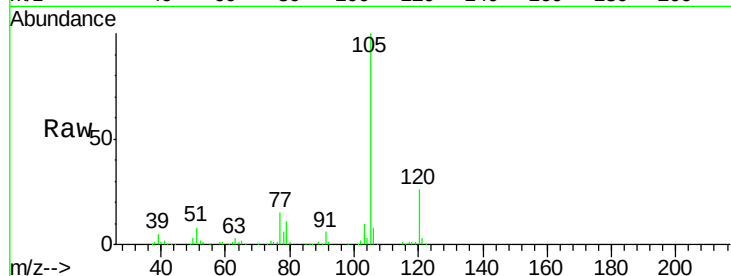
120 26.3 13.2 39.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.533 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Tgt Ion: 43 Resp: 92204

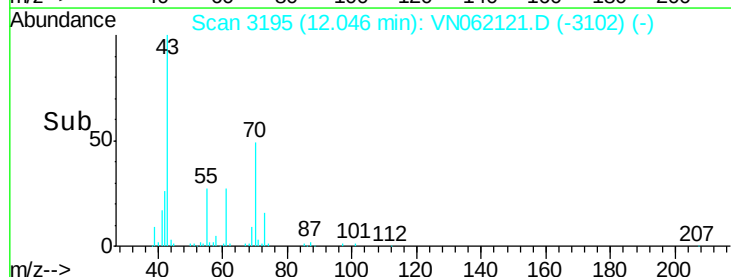
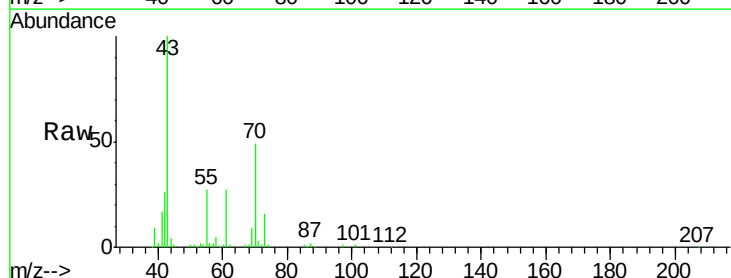
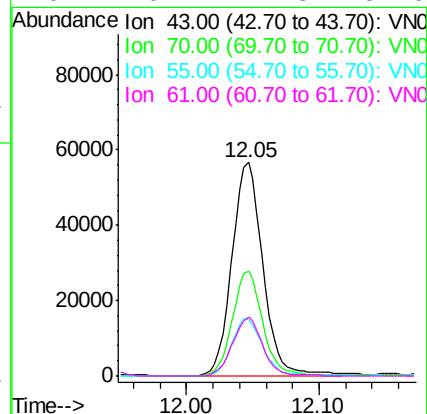
Ion Ratio Lower Upper

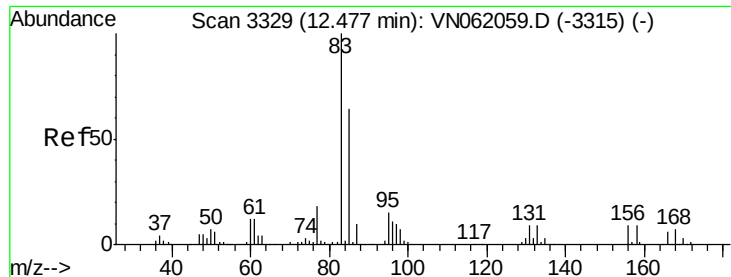
43 100

70 47.9 39.4 59.2

55 27.0 21.7 32.5

61 26.7 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 18.980 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Instrument :

MSVOA_N

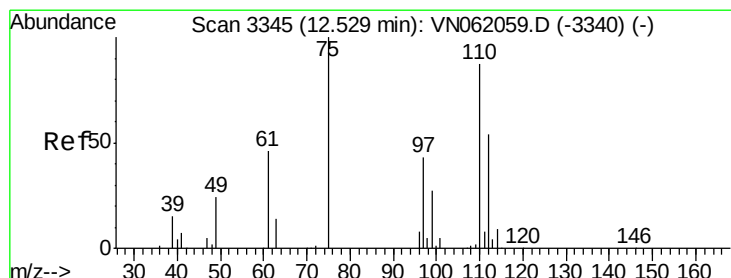
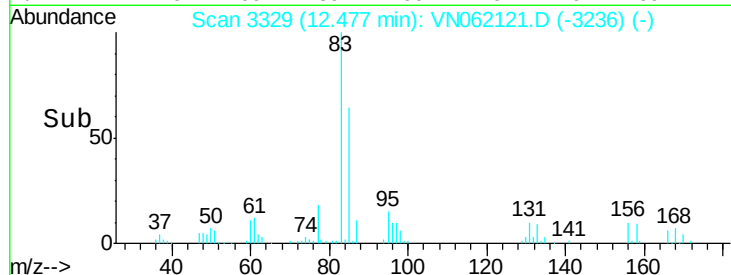
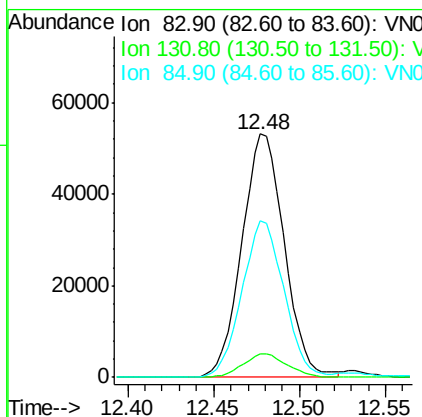
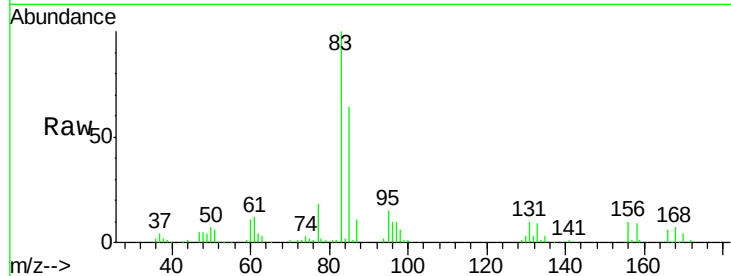
ClientSampleId :

VN0625WBSD01

Tot Ion:	83	Resp:	91186
Ion Ratio	Lower	Upper	
83	100		
131	10.1	4.8	14.4
85	63.7	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.002 ug/l m

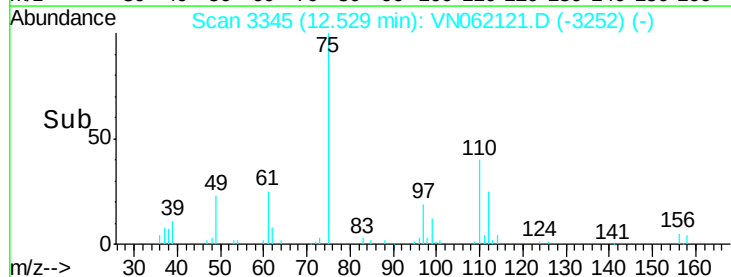
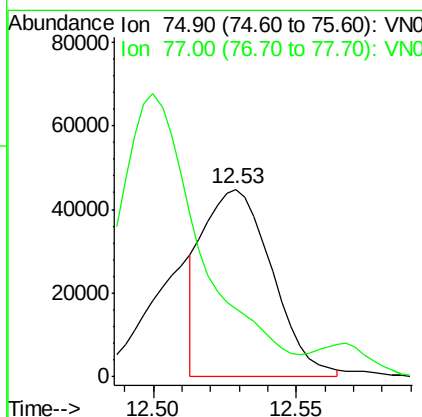
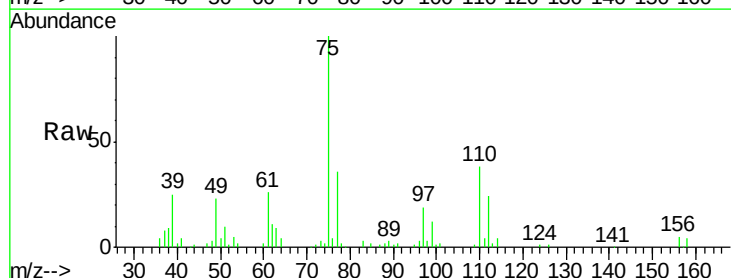
RT: 12.53 min Scan# 3345

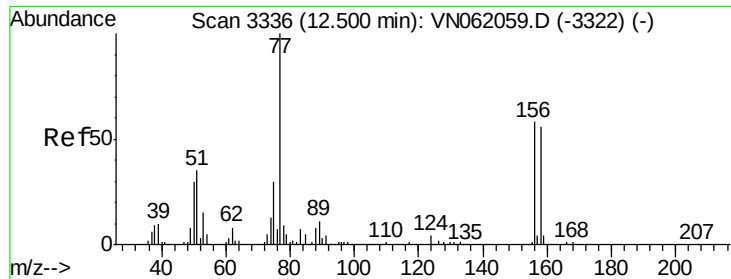
Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Tgt Ion:	75	Resp:	74645
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.659 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Instrument :

MSVOA_N

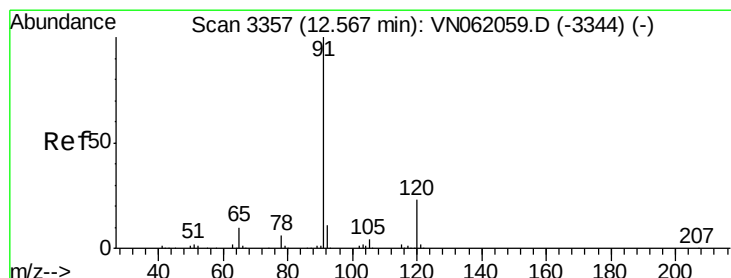
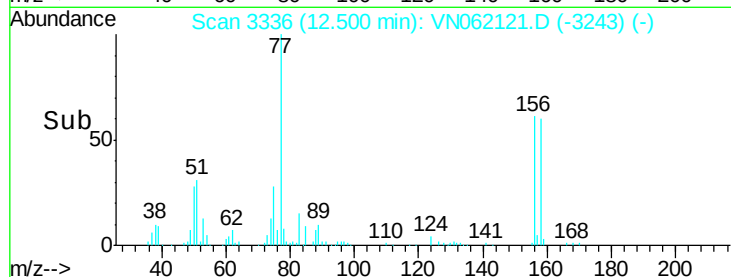
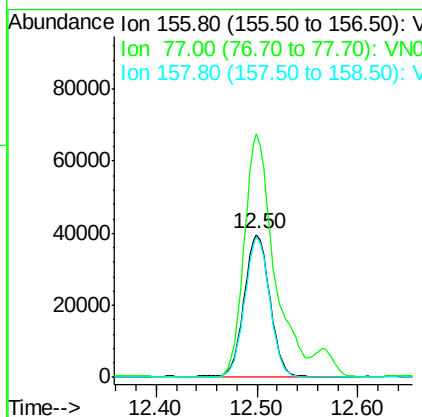
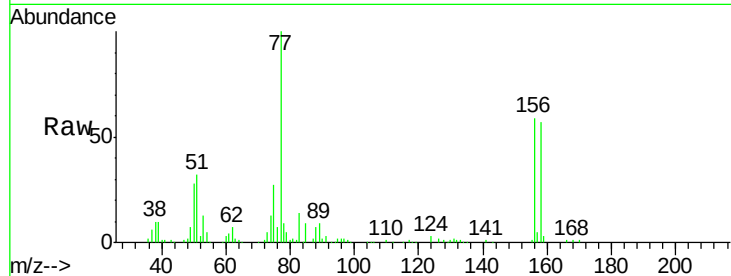
ClientSampleId :

VN0625WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	196.4	104.6	313.8
158	93.9	48.0	144.0

Manual Integrations
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#78

n-propylbenzene

Concen: 18.774 ug/l

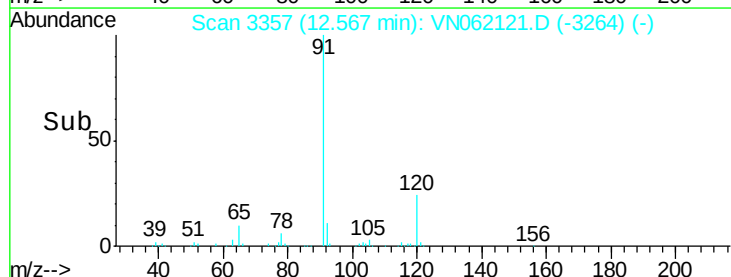
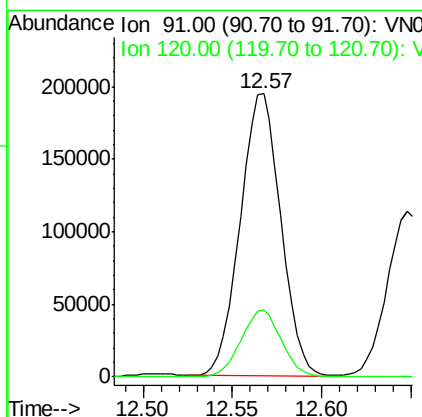
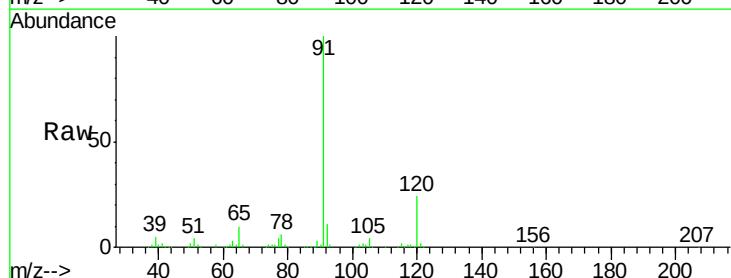
RT: 12.57 min Scan# 3357

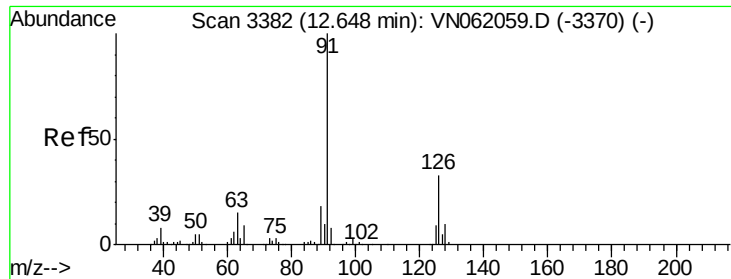
Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.4	34.1





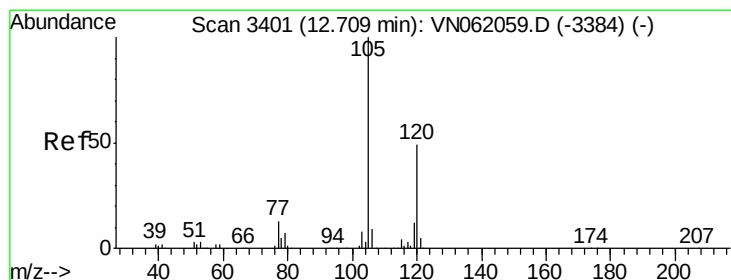
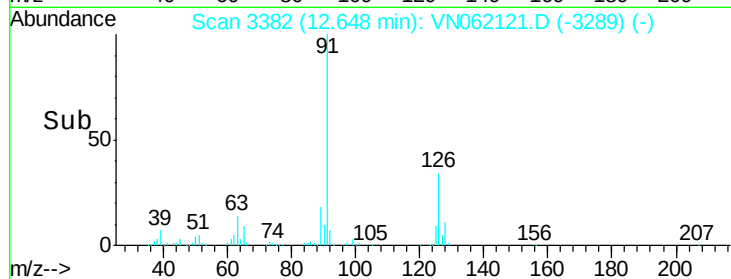
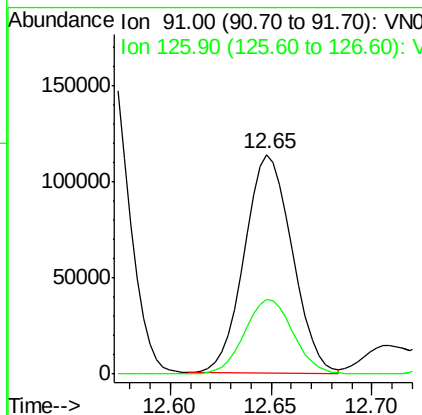
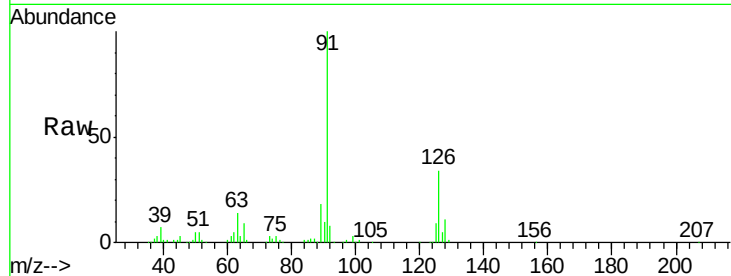
#79
 2-Chlorotoluene
 Concen: 18.804 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. 0.00 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Tot Ion: 91 Resp: 187726
 Ion Ratio Lower Upper
 91 100
 126 35.1 16.9 50.7

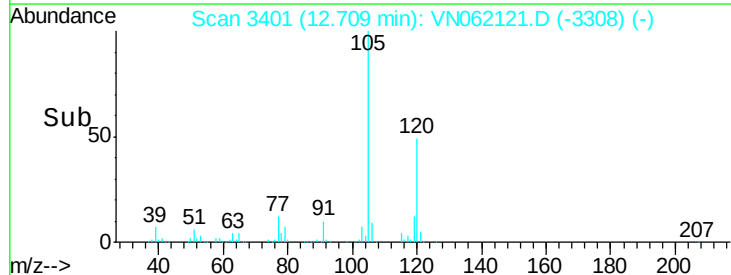
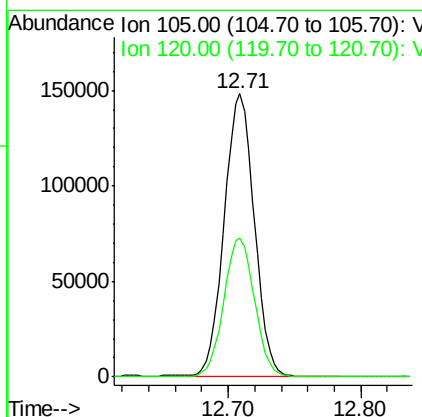
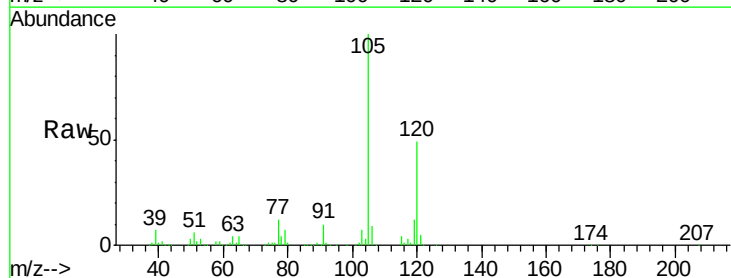
Manual Integrations
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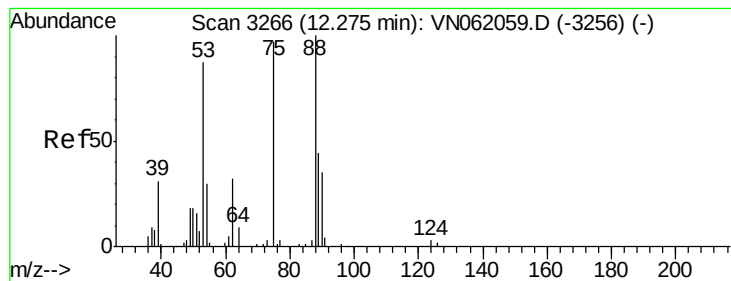
MMDadoda
 6/26/2020 10:34:19 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 20.030 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

Tgt Ion: 105 Resp: 234417
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.172 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Instrument :

MSVOA_N

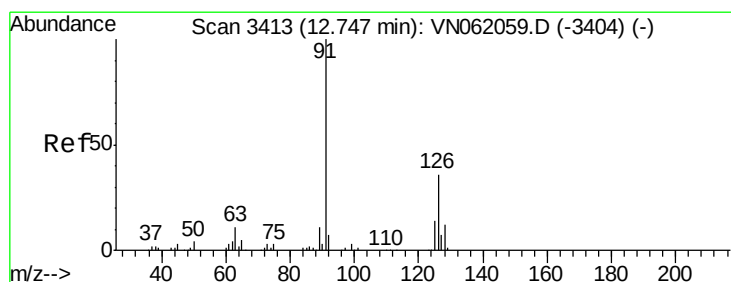
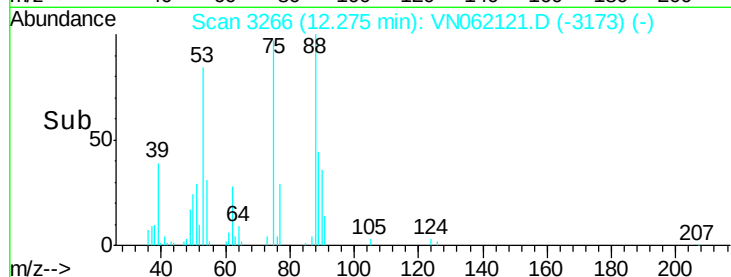
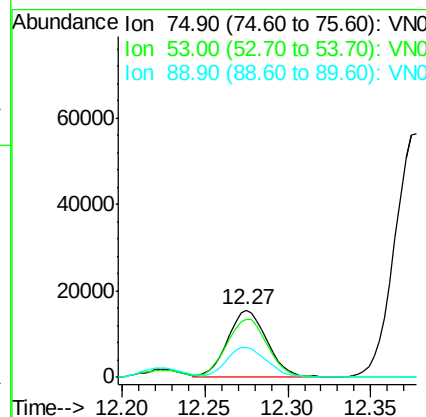
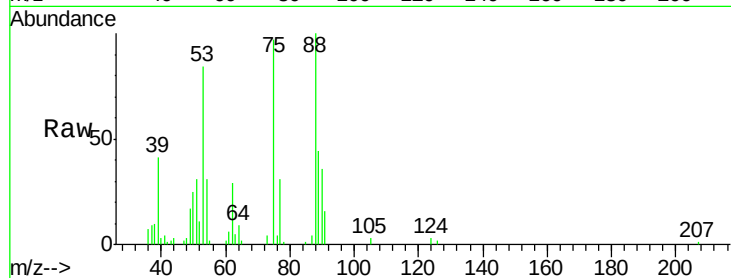
ClientSampled :

VN0625WBSD01

Tot Ion:	75	Resp:	25816
Ion Ratio	Lower	Upper	
75	100		
53	90.2	72.0	108.0
89	45.4	36.9	55.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.550 ug/l

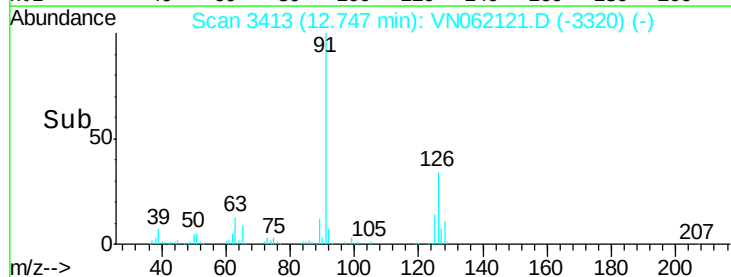
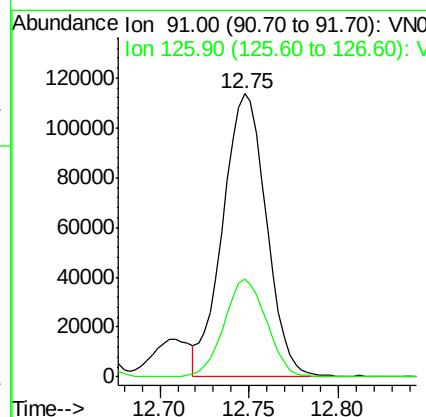
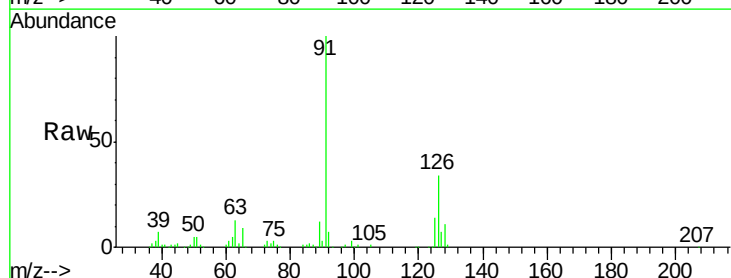
RT: 12.75 min Scan# 3413

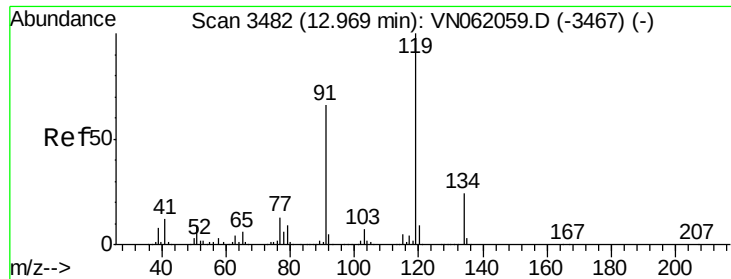
Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Tgt Ion:	91	Resp:	191508
Ion Ratio	Lower	Upper	
91	100		
126	34.1	16.7	50.1





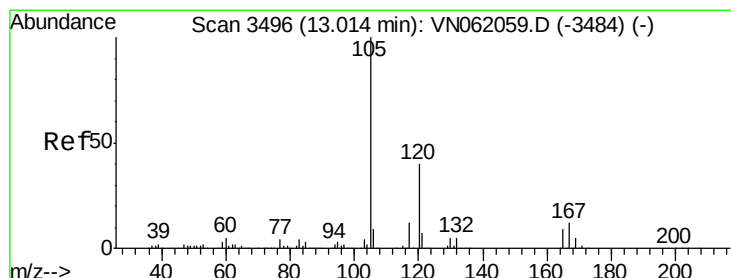
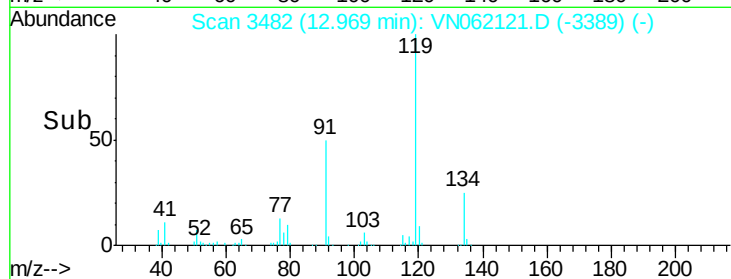
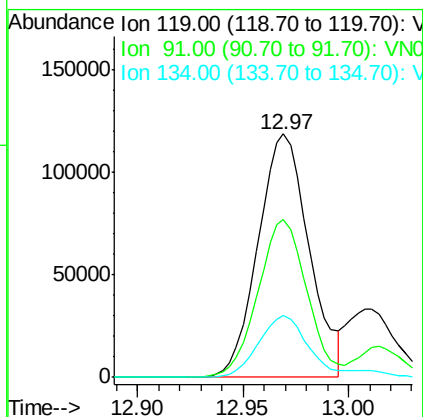
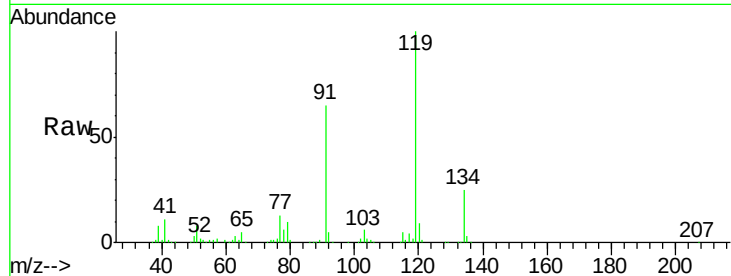
#83
tert-Butylbenzene
Concen: 19.973 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.4	31.7	95.1
134	24.4	13.1	39.1

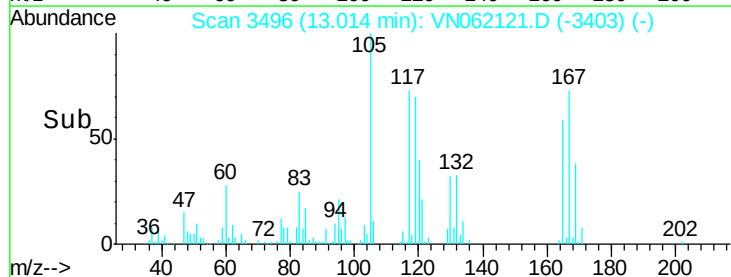
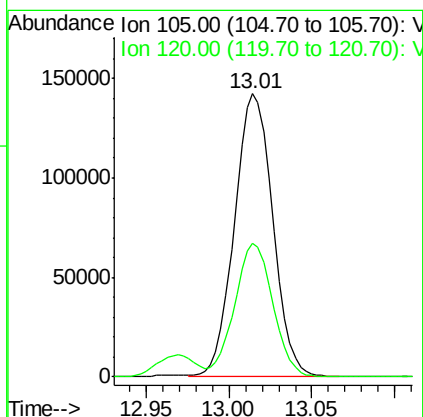
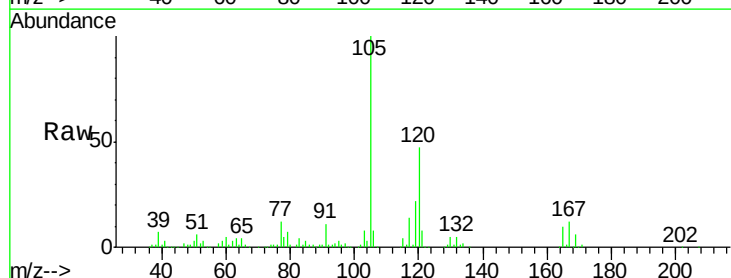
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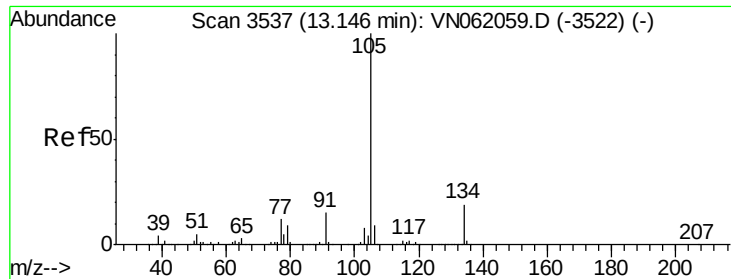
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#84
1,2,4-Trimethylbenzene
Concen: 19.435 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.5	23.2	69.5





#85

sec-Butylbenzene

Concen: 19.069 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Instrument :

MSVOA_N

ClientSampled :

VN0625WBSD01

Tot Ion:105 Resp: 252366

Ion Ratio Lower Upper

105 100

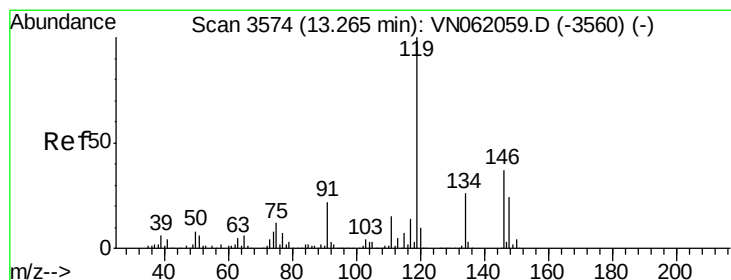
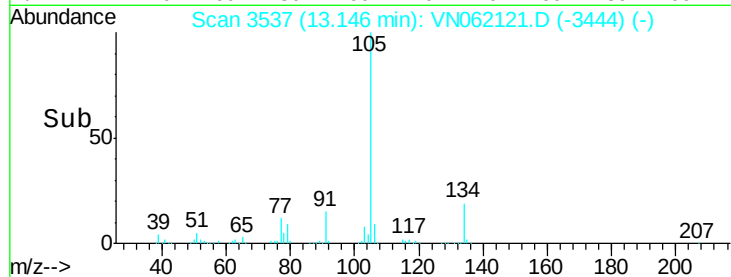
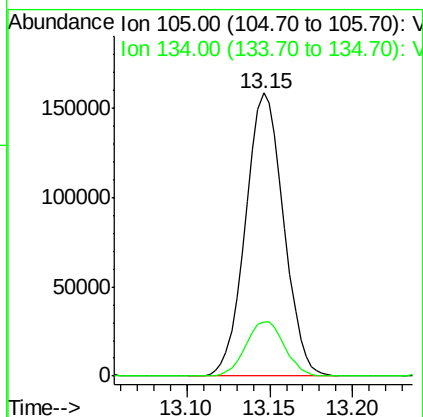
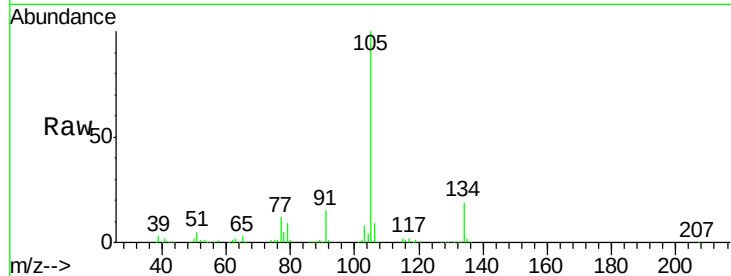
134 19.6 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 19.351 ug/l

RT: 13.27 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

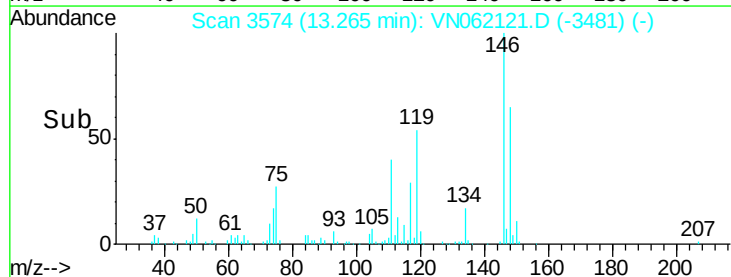
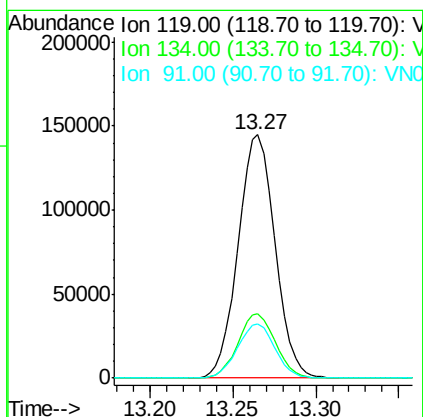
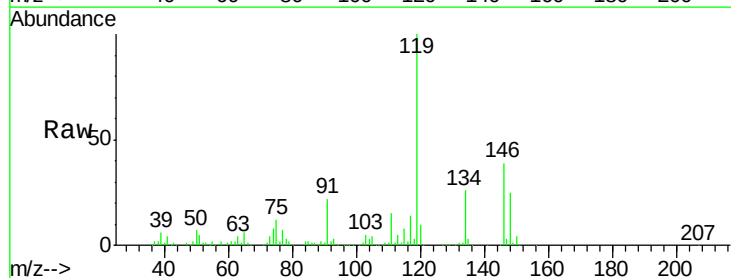
Tgt Ion:119 Resp: 224378

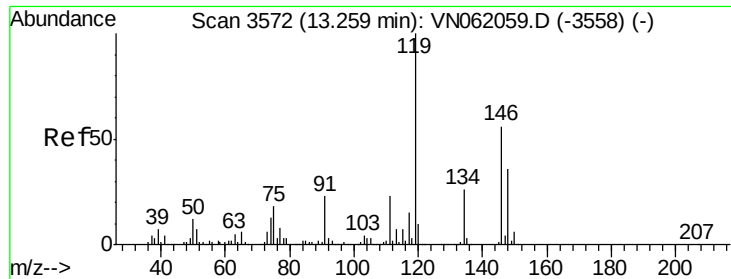
Ion Ratio Lower Upper

119 100

134 26.7 13.0 39.0

91 22.7 11.3 33.8





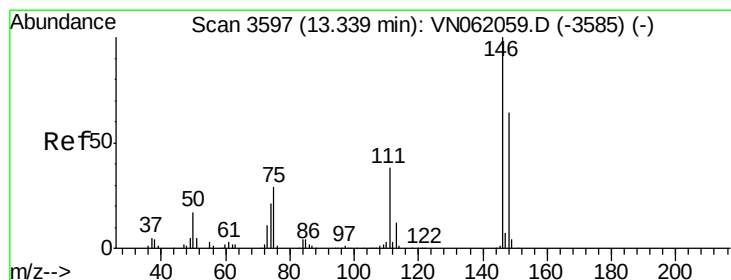
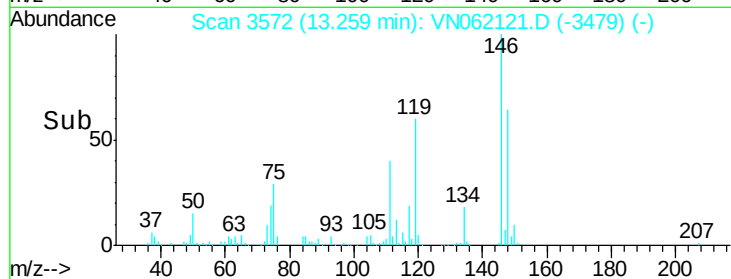
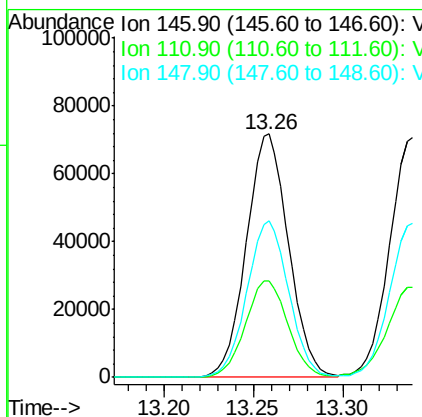
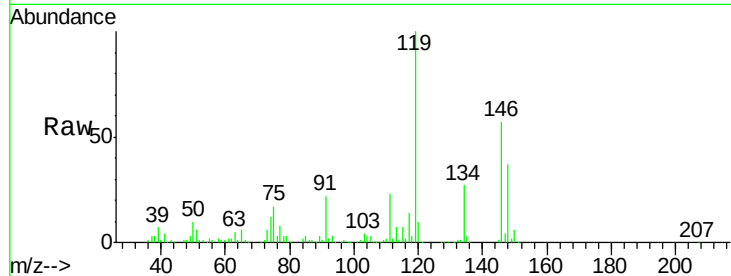
#87
 1,3-Dichlorobenzene
 Concen: 18.885 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	118861		
111	40.0	20.3	61.0	
148	63.6	31.8	95.3	

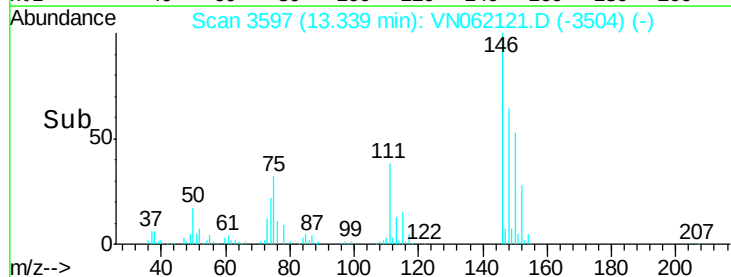
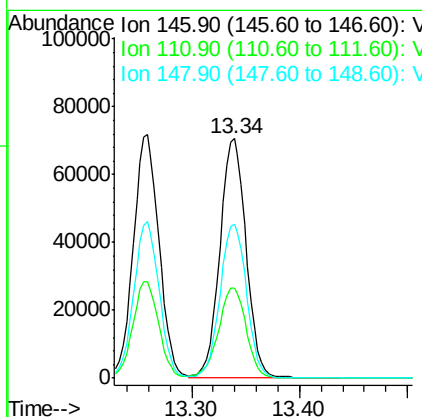
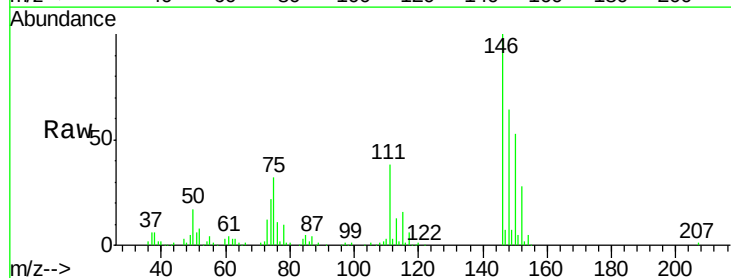
Manual Integrations
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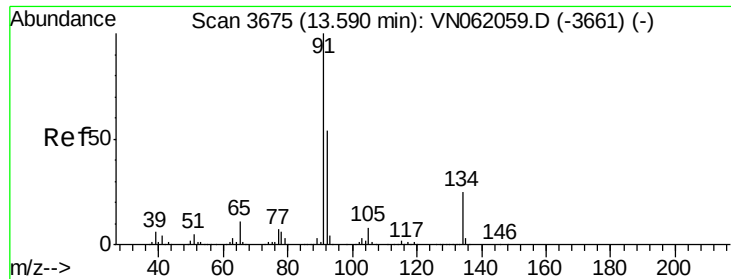
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#88
 1,4-Dichlorobenzene
 Concen: 18.421 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	119508		
111	39.9	19.9	59.6	
148	64.5	31.9	95.9	





#89

n-Butylbenzene

Concen: 18.112 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Instrument :

MSVOA_N

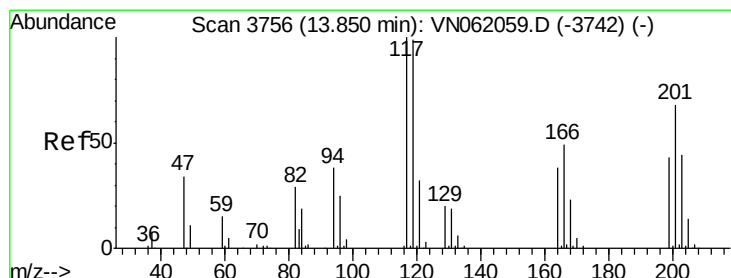
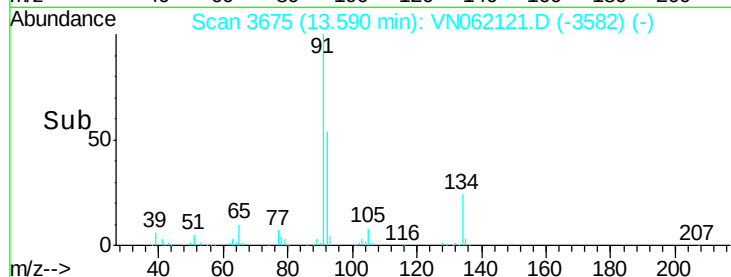
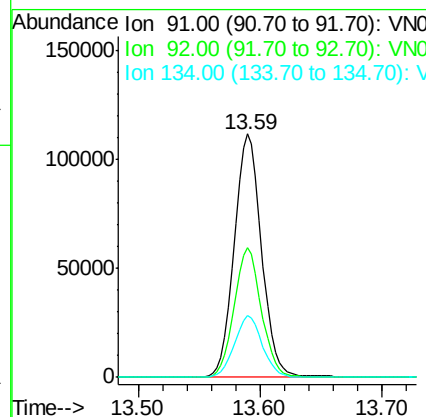
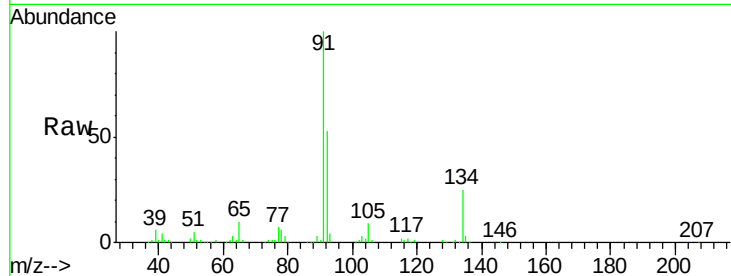
ClientSampleId :

VN0625WBSD01

Tot Ion:	91	Resp:	174600
Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.6	79.7
134	25.8	12.3	36.9

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#90

Hexachloroethane

Concen: 17.836 ug/l

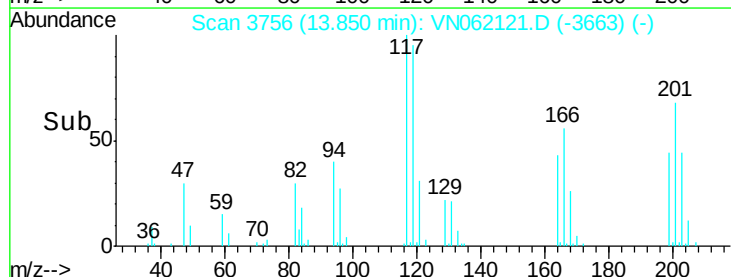
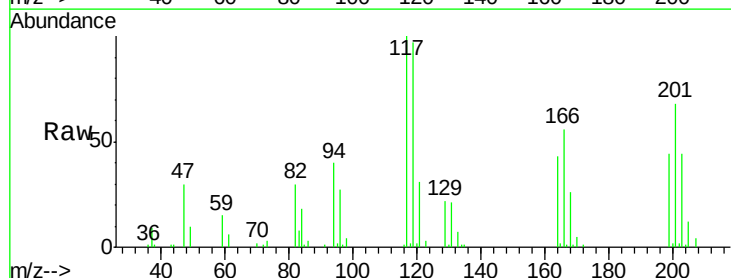
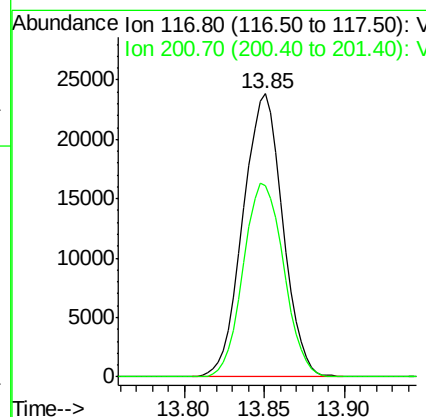
RT: 13.85 min Scan# 3756

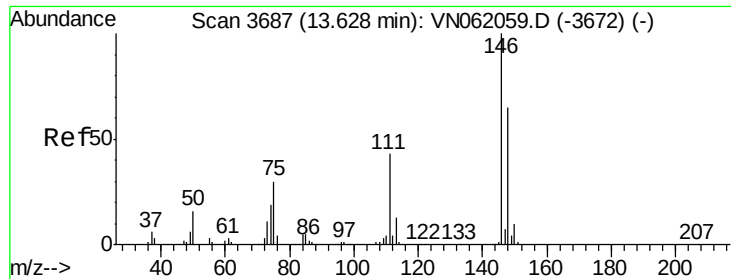
Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Tgt Ion:	117	Resp:	40575
Ion	Ratio	Lower	Upper
117	100		
201	69.4	32.7	98.1





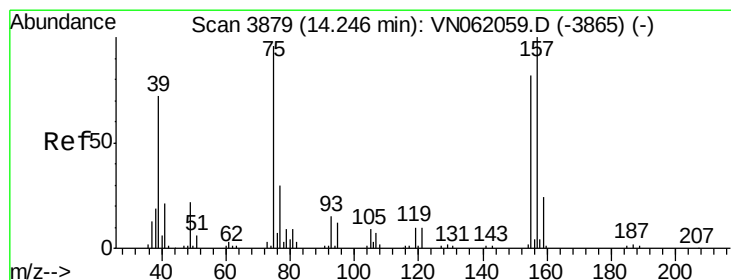
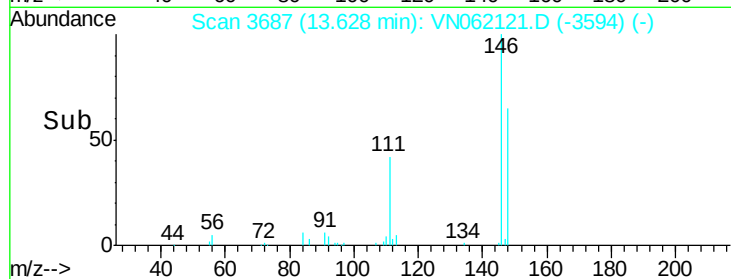
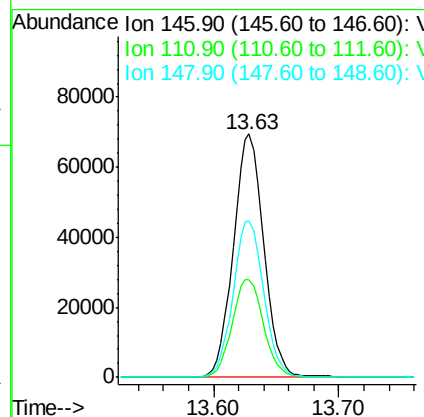
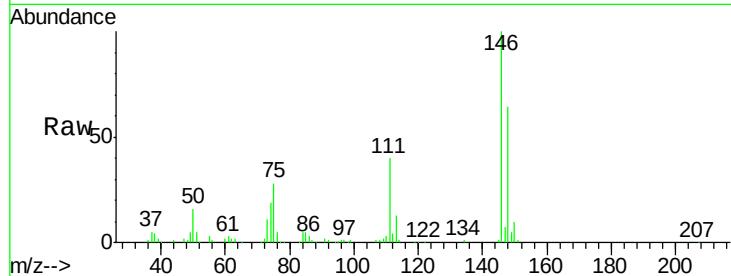
#91
 1,2-Dichlorobenzene
 Concen: 19.151 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	21.2	63.6
148	64.9	31.9	95.5

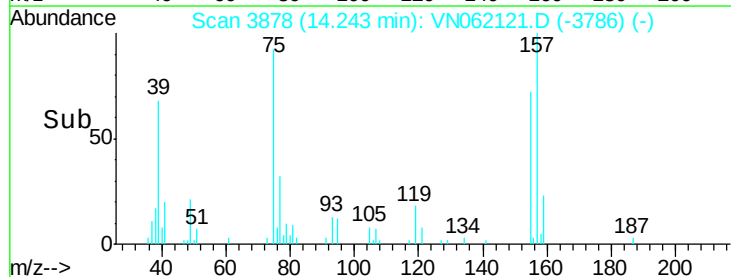
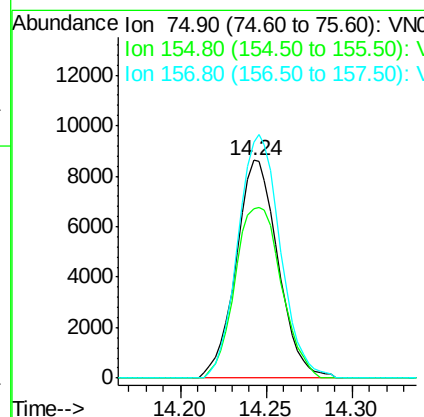
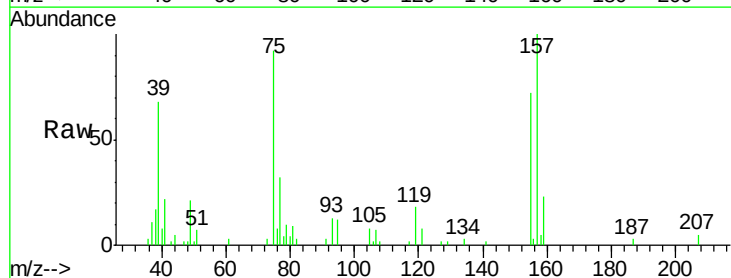
Manual Integrations
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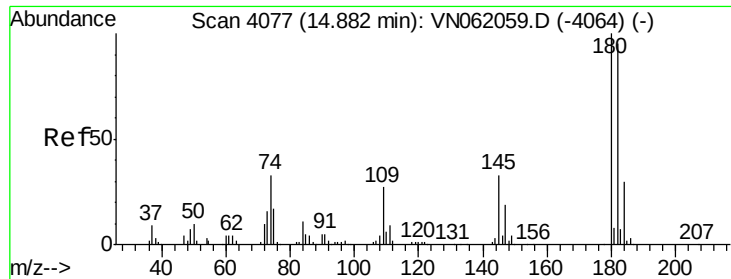
MMDadoda
 6/26/2020 10:34:19 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.077 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.5	40.8	122.4
157	112.8	51.4	154.3





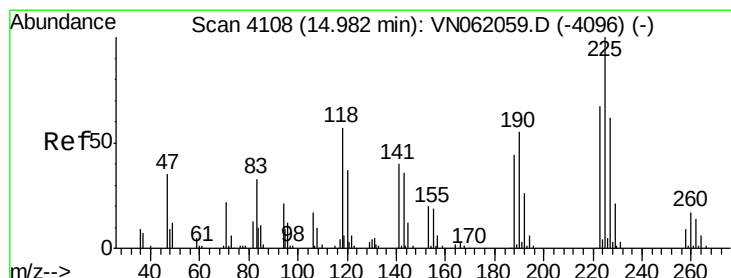
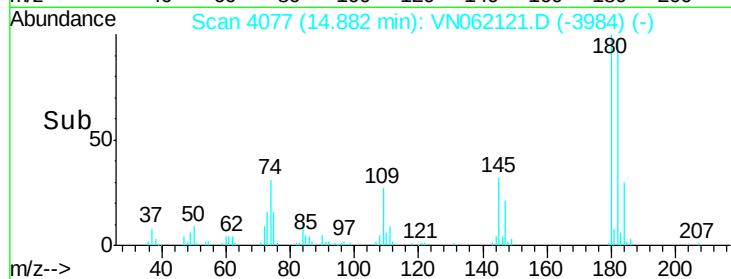
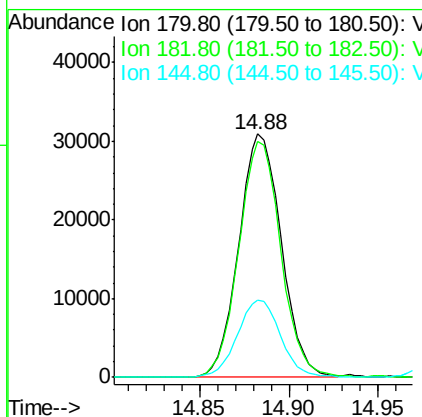
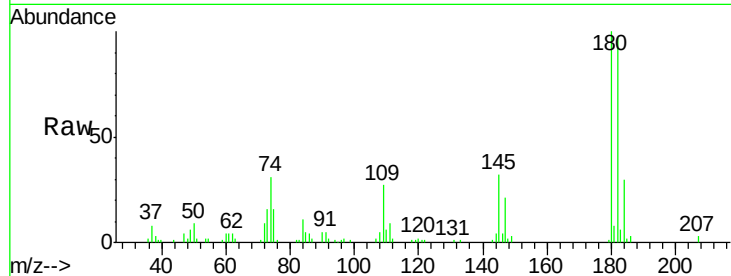
#93
 1,2,4-Trichlorobenzene
 Concen: 19.309 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.0	144.2
145	32.1	16.0	48.0

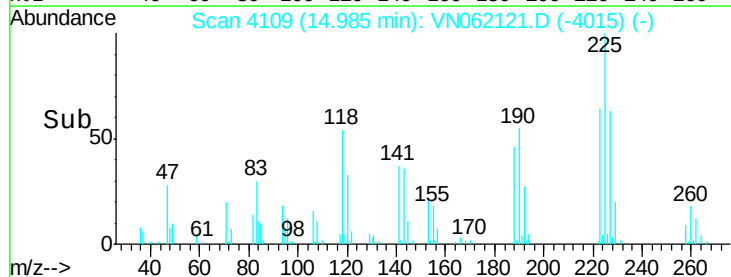
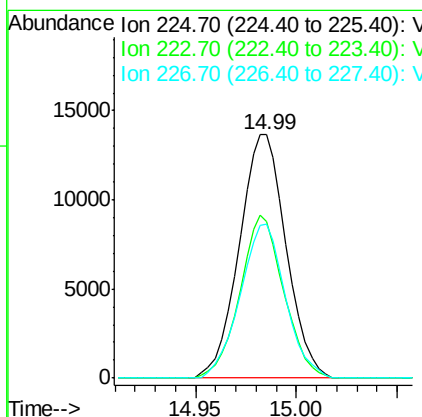
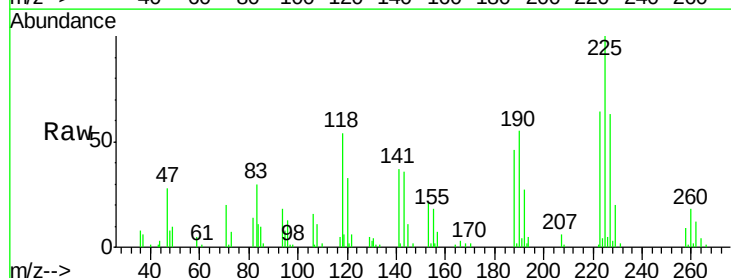
Manual Integrations
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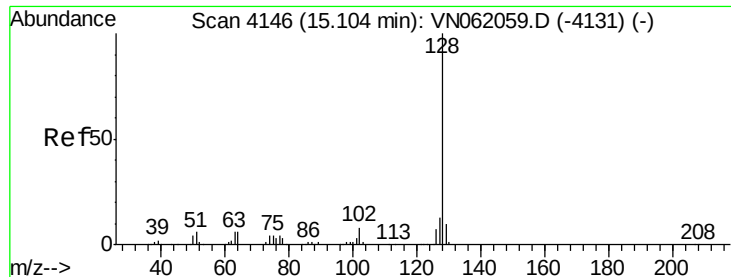
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#94
 Hexachlorobutadiene
 Concen: 19.107 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	32.9	98.7
227	61.2	31.3	93.8





#95

Naphthalene

Concen: 21.205 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Instrument :

MSVOA_N

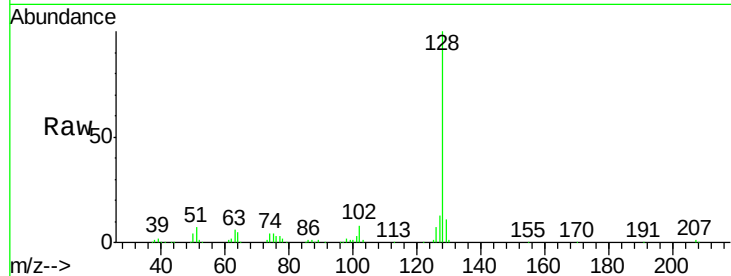
ClientSampleId :

VN0625WBSD01

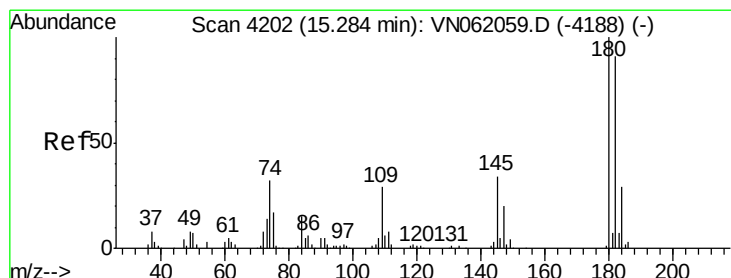
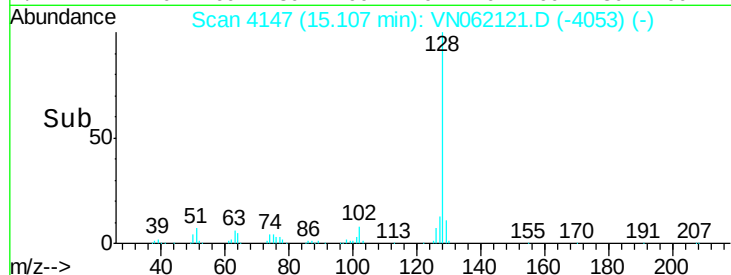
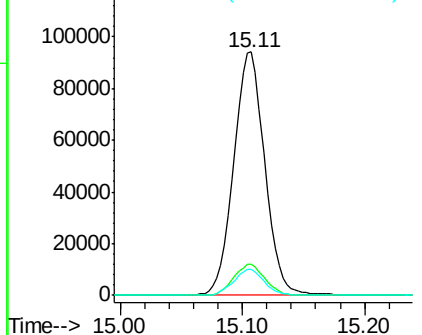
Tot Ion:	128	Resp:	166280
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.5	15.7
129	10.6	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/26/2020 10:34:19 AM



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.888 ug/l

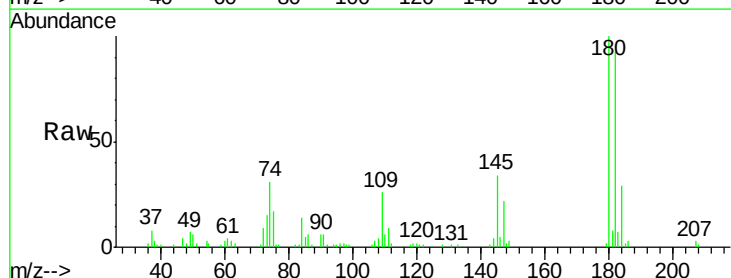
RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Tgt Ion:	180	Resp:	54219
Ion Ratio	Lower	Upper	
180	100		
182	93.3	46.8	140.4
145	33.3	16.4	49.2



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

