

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082620\
 Data File : VN063143.D
 Acq On : 26 Aug 2020 19:23
 Operator : JC/MD
 Sample : L3783-03MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-498-500MS

Manual Integrations
 APPROVED

MMDadoda
 8/27/2020 1:28:26 PM

Quant Time: Aug 27 02:16:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	192005	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	293264	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	269859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	130896	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	114475	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
35) Dibromofluoromethane	7.55	113	98212	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
50) Toluene-d8	10.06	98	374945	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
62) 4-Bromofluorobenzene	12.38	95	134794	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	107249	42.794	ug/l	99
3) Chloromethane	2.03	50	123437	46.887	ug/l	100
4) Vinyl Chloride	2.17	62	123820	48.633	ug/l	97
5) Bromomethane	2.54	94	71329	47.201	ug/l	98
6) Chloroethane	2.68	64	74658	49.666	ug/l	99
7) Trichlorofluoromethane	2.99	101	153131	48.230	ug/l	99
8) Diethyl Ether	3.38	74	52917	47.112	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	78193	45.704	ug/l	98
10) Methyl Iodide	3.91	142	106327	49.031	ug/l	100
11) Tert butyl alcohol	4.74	59	64644	200.552	ug/l #	85
12) 1,1-Dichloroethene	3.70	96	72699	44.606	ug/l	95
13) Acrolein	3.57	56	2244m	22.223	ug/l	
14) Allyl chloride	4.28	41	131941	45.914	ug/l	98
15) Acrylonitrile	4.93	53	203877	215.198	ug/l	99
16) Acetone	3.78	43	163347	229.872	ug/l	98
17) Carbon Disulfide	4.02	76	169896	39.804	ug/l	100
18) Methyl Acetate	4.28	43	95436	42.201	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	278424	48.985	ug/l	99
20) Methylene Chloride	4.51	84	89560	44.492	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	76179	44.664	ug/l	99
22) Diisopropyl ether	5.90	45	304960	46.765	ug/l	99
23) Vinyl Acetate	5.85	43	903819	205.390	ug/l	98
24) 1,1-Dichloroethane	5.80	63	163824	44.957	ug/l	98
25) 2-Butanone	6.79	43	267039	221.035	ug/l	98
26) 2,2-Dichloropropane	6.78	77	132418	46.206	ug/l	99
27) cis-1,2-Dichloroethene	6.79	96	101868	47.650	ug/l	99
28) Bromochloromethane	7.15	49	38346	20.112	ug/l	99
29) Tetrahydrofuran	7.17	42	176297	226.101	ug/l	99
30) Chloroform	7.33	83	175017	47.689	ug/l	98
31) Cyclohexane	7.62	56	146823	43.776	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	141740	47.307	ug/l	98
36) 1,1-Dichloropropene	7.75	75	115751	44.788	ug/l	99
37) Ethyl Acetate	6.88	43	103087	42.570	ug/l	100
38) Carbon Tetrachloride	7.73	117	117369	44.984	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	122709	35.632	ug/l	97
40) Benzene	8.00	78	378995	46.237	ug/l	99
41) Methacrylonitrile	7.12	41	53210	46.118	ug/l	95
42) 1,2-Dichloroethane	8.09	62	125033	45.429	ug/l	98
43) Isopropyl Acetate	8.13	43	178807	44.569	ug/l	98
44) Trichloroethene	8.80	130	94656	46.425	ug/l	97
45) 1,2-Dichloropropane	9.08	63	112362	47.423	ug/l	100
46) Dibromomethane	9.17	93	64398	47.048	ug/l	98
47) Bromodichloromethane	9.37	83	143777	47.959	ug/l	100
48) Methyl methacrylate	9.17	41	91183	48.036	ug/l	98
49) 1,4-Dioxane	9.17	88	33528	805.681	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	588369	232.020	ug/l	100
52) Toluene	10.13	92	236872	47.905	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	152551	49.207	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	164591	48.397	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	100325	47.452	ug/l	99
56) Ethyl methacrylate	10.40	69	146562	45.061	ug/l	100
57) 1,3-Dichloropropane	10.68	76	167923	47.830	ug/l	99
59) 2-Hexanone	10.72	43	413220	233.613	ug/l	99
60) Dibromochloromethane	10.88	129	111185	47.519	ug/l	100
61) 1,2-Dibromoethane	10.98	107	97159	47.826	ug/l	99
64) Tetrachloroethene	10.61	164	92552	52.174	ug/l	98
65) Chlorobenzene	11.41	112	261662	48.279	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	103410	49.055	ug/l	99
67) Ethyl Benzene	11.49	91	459621	50.189	ug/l	99
68) m/p-Xylenes	11.60	106	339817	99.839	ug/l	99
69) o-Xylene	11.92	106	166391	50.908	ug/l	99
70) Stvrene	11.94	104	289205	44.796	ug/l	99
71) Bromoform	12.10	173	82070	48.911	ug/l #	99
73) Isopropylbenzene	12.23	105	436719	48.720	ug/l	100
74) N-amyl acetate	12.05	43	168642	52.530	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	140470	48.513	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	121428m	47.725	ug/l	
77) Bromobenzene	12.50	156	119951	48.656	ug/l	99
78) n-propylbenzene	12.57	91	498563	48.797	ug/l	100
79) 2-Chlorotoluene	12.65	91	306056	47.625	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	360954	48.712	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	48147	51.972	ug/l	99
82) 4-Chlorotoluene	12.75	91	326382	49.877	ug/l	100
83) tert-Butylbenzene	12.97	119	294298	46.016	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	370965	51.389	ug/l	99
85) sec-Butylbenzene	13.15	105	374495	43.327	ug/l	100
86) p-Isopropyltoluene	13.26	119	342495	45.476	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	205692	48.549	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	208240	48.425	ug/l	100
89) n-Butylbenzene	13.59	91	278847	39.671	ug/l	99
90) Hexachloroethane	13.85	117	60564	37.835	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	204465	49.960	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	25221	55.868	ug/l	99
93) 1,2,4-Trichlorobenzene	14.88	180	117742	51.729	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	40941	27.072	ug/l	96
95) Naphthalene	15.10	128	348044	64.763	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	115111	51.622	ug/l	99

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

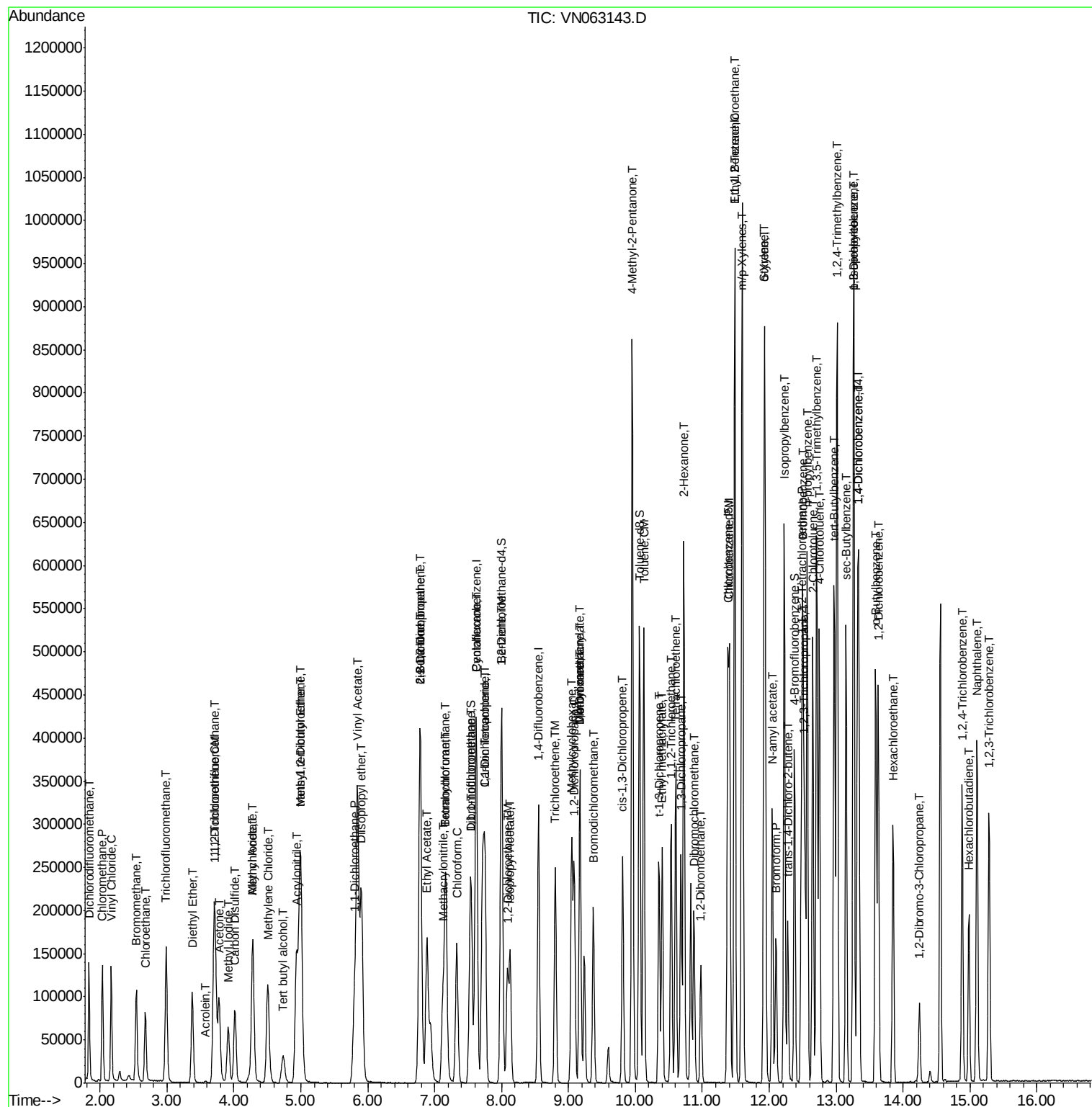
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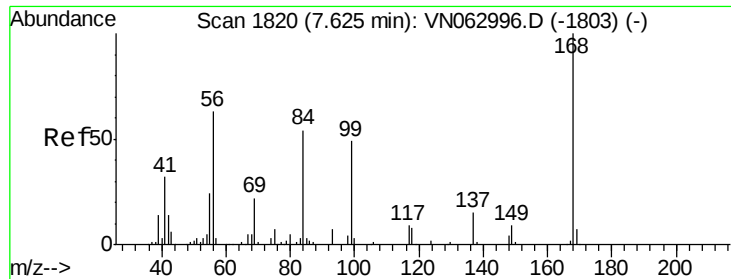
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN063143.D

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Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-498-500MS

Tot Ion:168 Resp: 192005

Ion Ratio Lower Upper

168 100

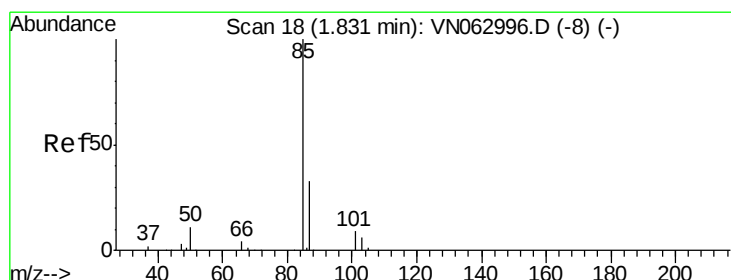
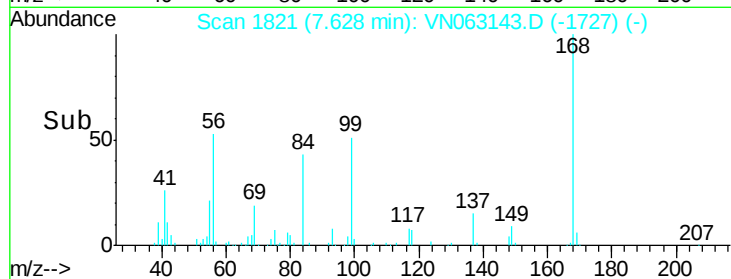
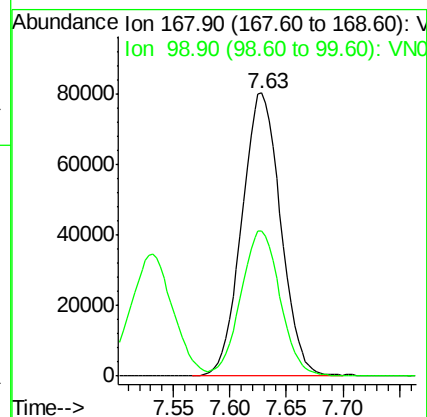
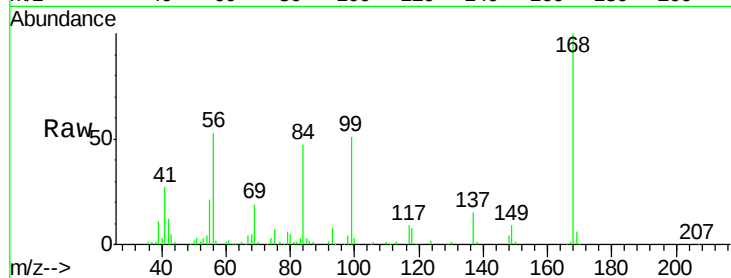
99 51.1 42.0 63.0

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 42.794 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN063143.D

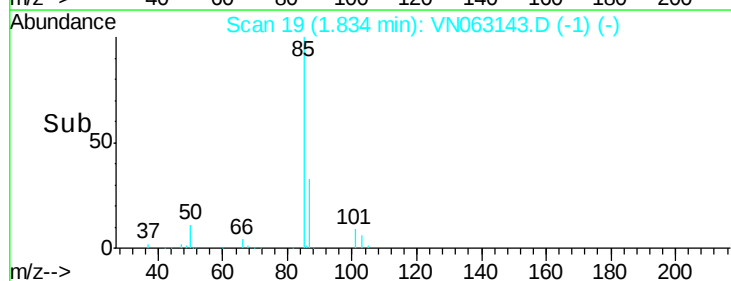
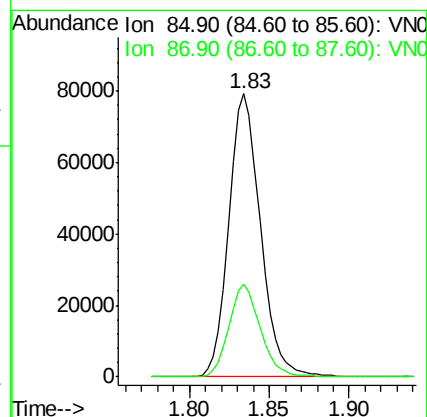
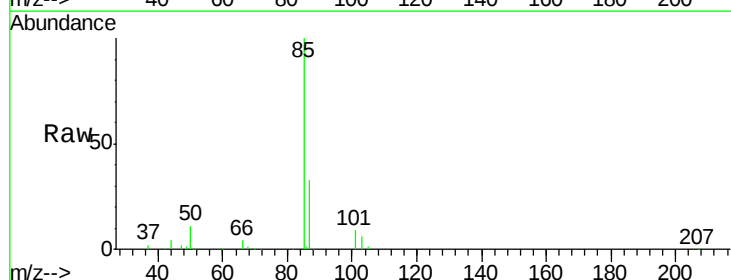
Acq: 26 Aug 2020 19:23

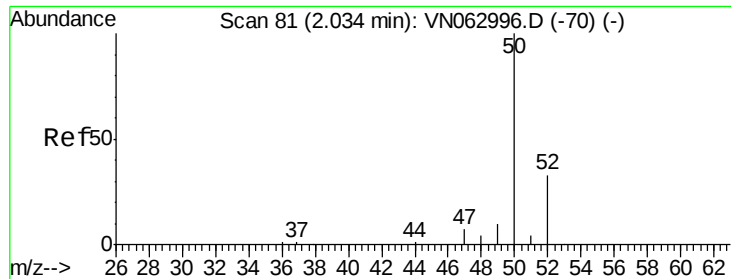
Tgt Ion: 85 Resp: 107249

Ion Ratio Lower Upper

85 100

87 32.6 16.4 49.4





#3

Chloromethane

Concen: 46.887 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN063143.D

Acq: 26 Aug 2020 19:23

Instrument :

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ClientSampleId :

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Tot Ion: 50 Resp: 123437

Ion Ratio Lower Upper

50 100

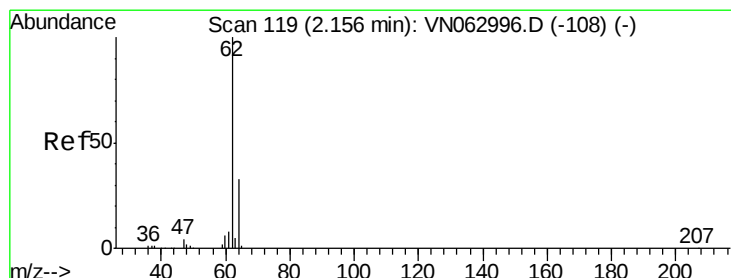
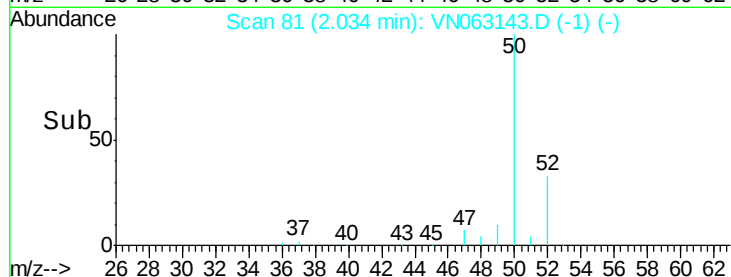
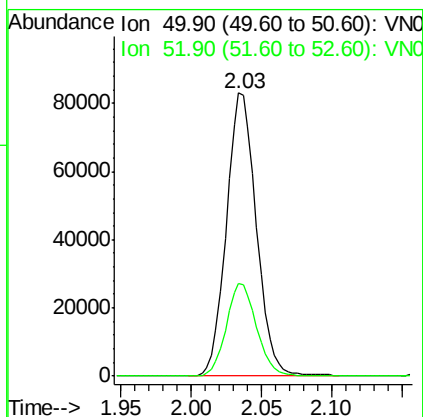
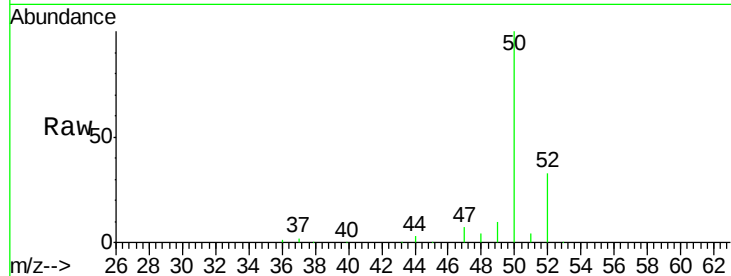
52 32.6 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.633 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.01 min

Lab File: VN063143.D

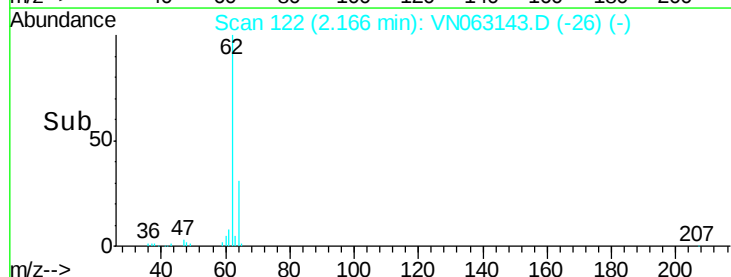
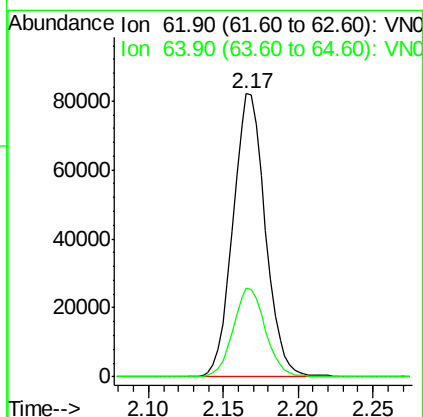
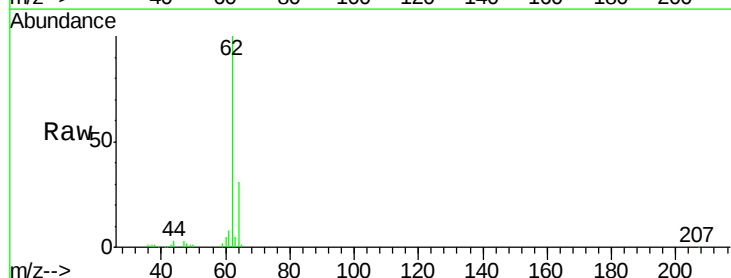
Acq: 26 Aug 2020 19:23

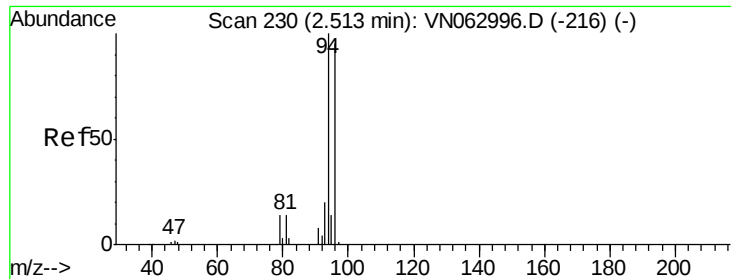
Tgt Ion: 62 Resp: 123820

Ion Ratio Lower Upper

62 100

64 31.2 26.2 39.2





#5

Bromomethane

Concen: 47.201 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.03 min

Lab File: VN063143.D

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Tot Ion: 94 Resp: 71329

Ion Ratio Lower Upper

94 100

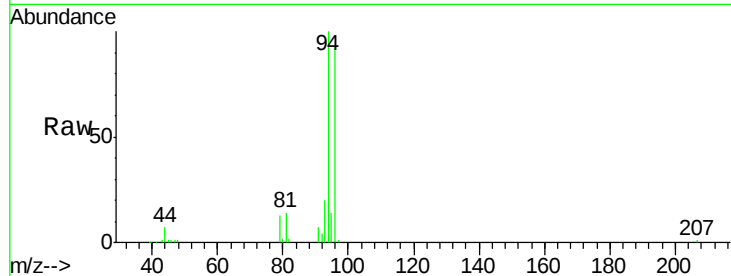
96 92.4 75.8 113.8

Manual Integrations

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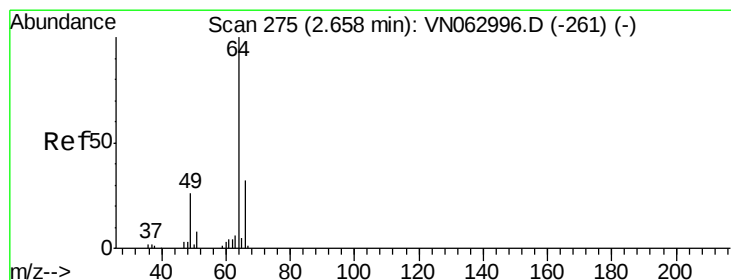
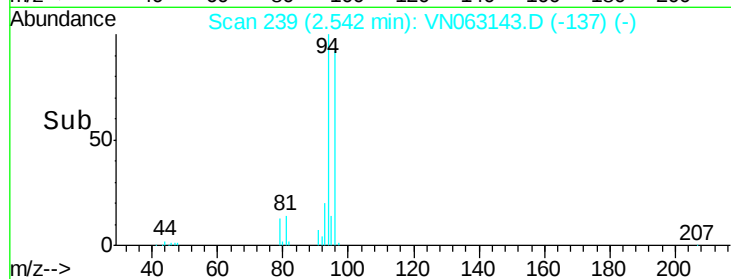
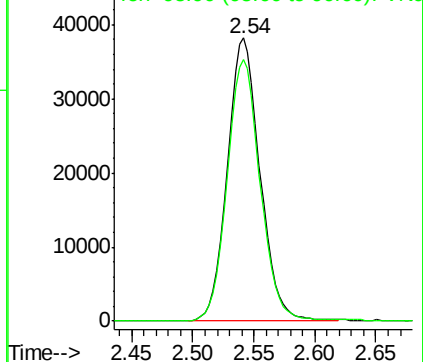
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 49.666 ug/l

RT: 2.68 min Scan# 281

Delta R.T. 0.02 min

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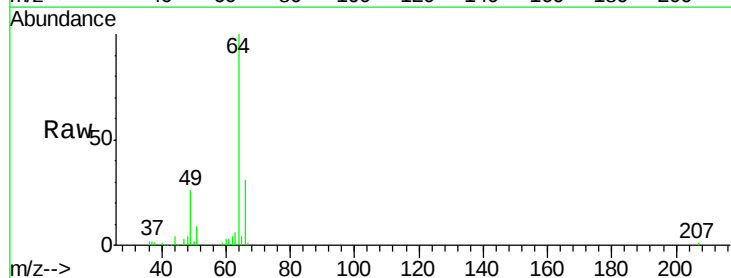
Acq: 26 Aug 2020 19:23

Tgt Ion: 64 Resp: 74658

Ion Ratio Lower Upper

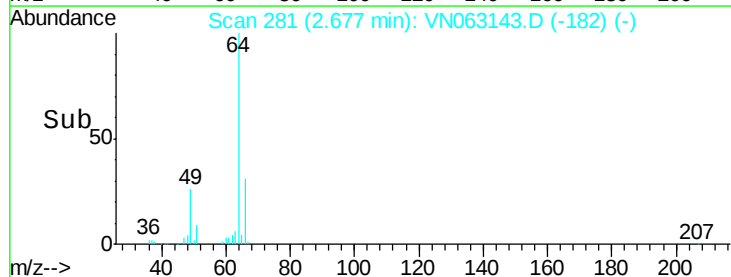
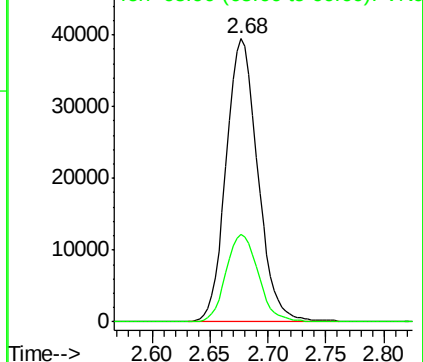
64 100

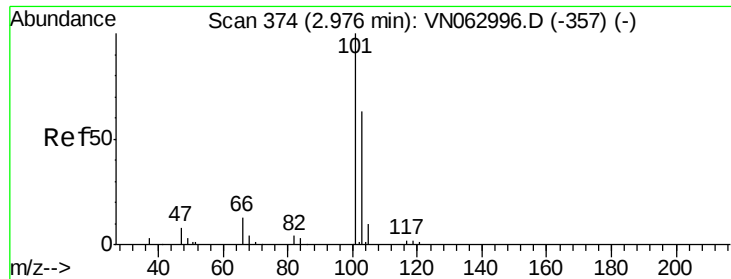
66 31.1 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

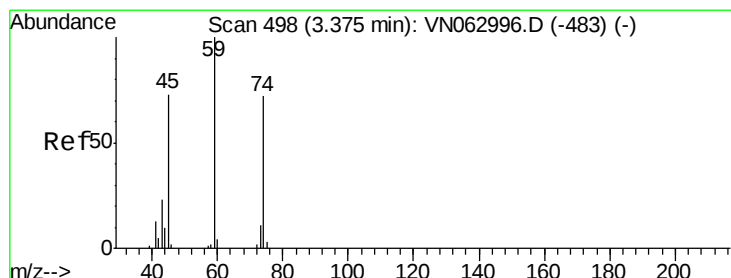
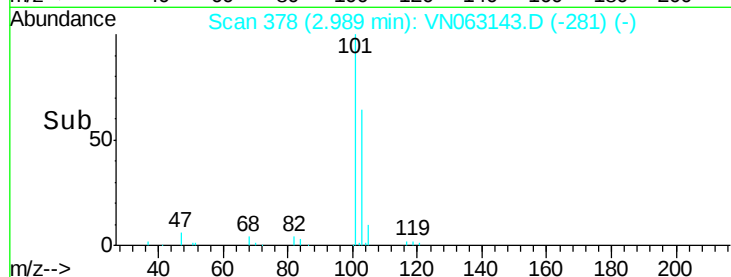
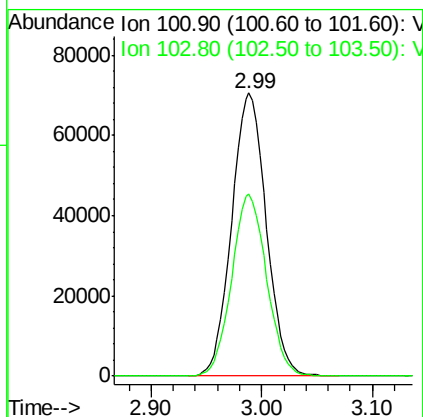
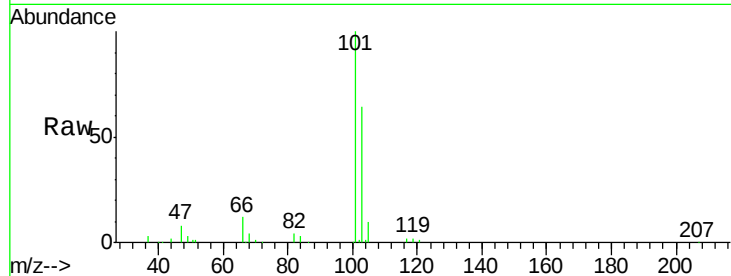
Trichlorofluoromethane
 Concen: 48.230 ug/l
 RT: 2.99 min Scan# 378
 Delta R.T. 0.01 min
 Lab File: VN063143.D
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Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	50.5	75.7

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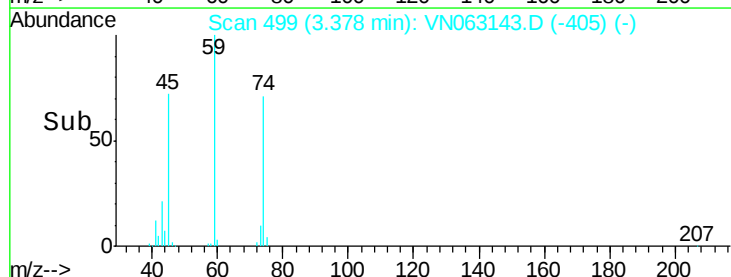
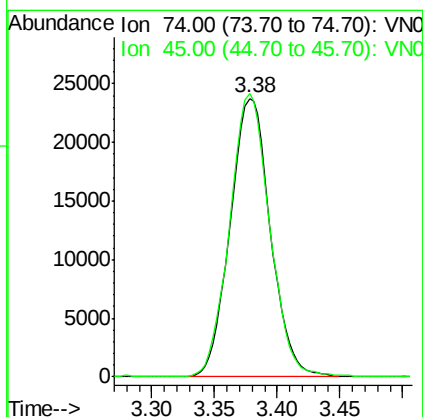
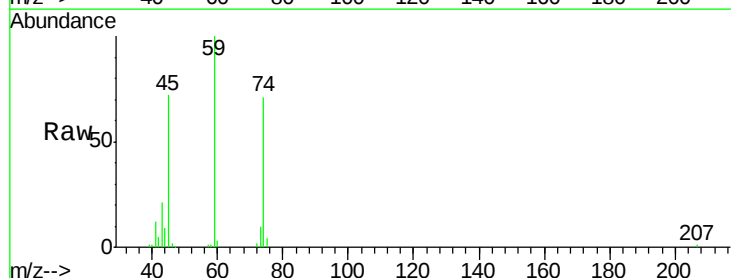
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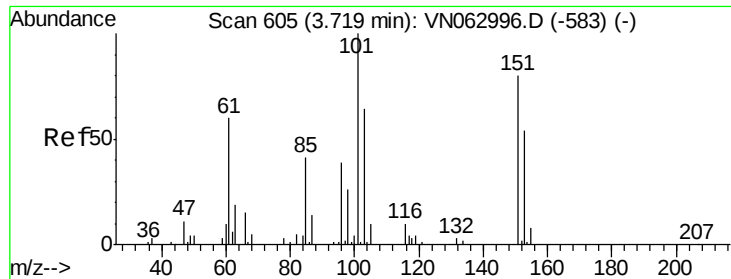


#8

Diethyl Ether
 Concen: 47.112 ug/l
 RT: 3.38 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: VN063143.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.6	49.9	149.7





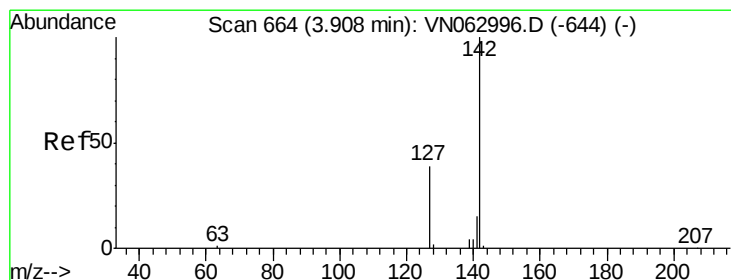
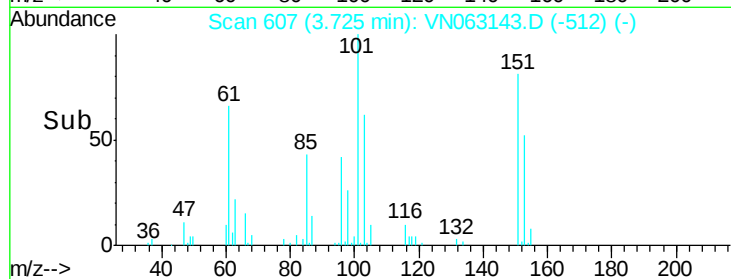
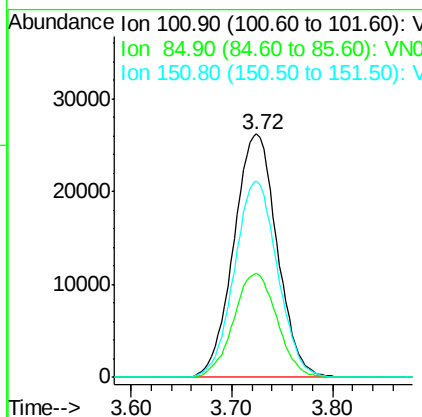
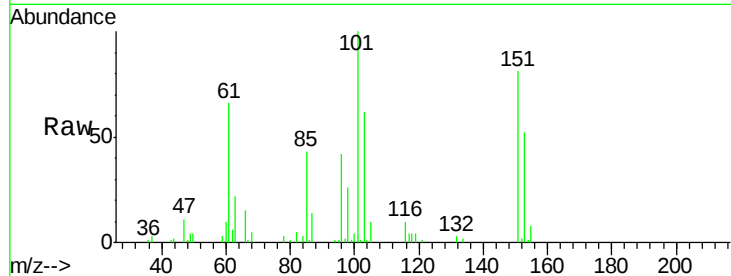
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 45.704 ug/l
 RT: 3.72 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VN063143.D
 Acq: 26 Aug 2020 19:23

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-498-500MS

Tot Ion	Ratio	Resp	Lower	Upper
101	100	78193		
85	42.8		34.0	51.0
151	80.3		65.8	98.8

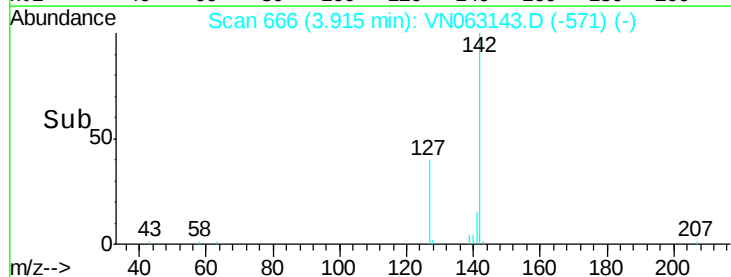
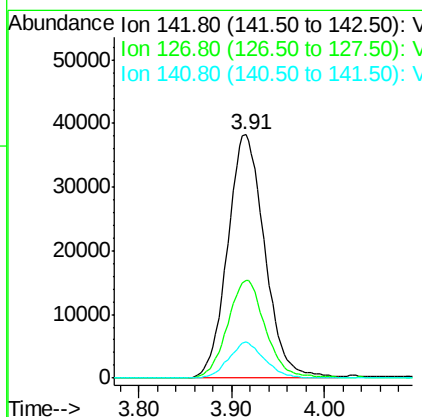
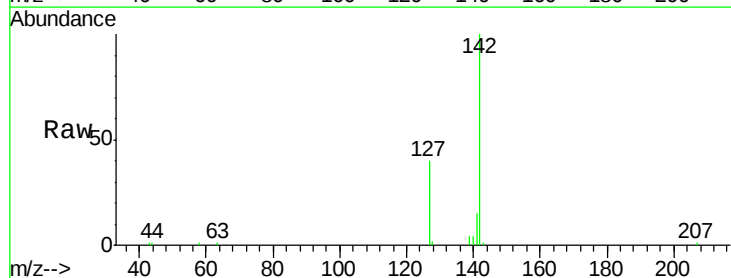
Manual Integrations
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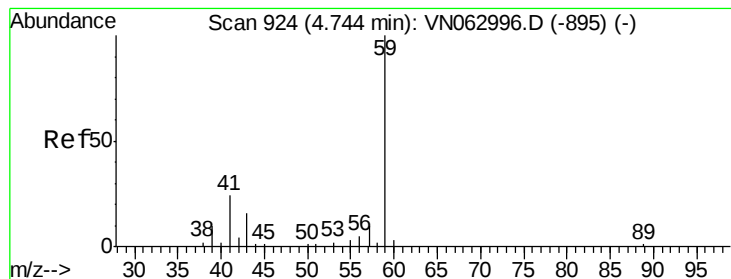
MMDadoda
 8/27/2020 1:28:26 PM



#10
 Methyl Iodide
 Concen: 49.031 ug/l
 RT: 3.91 min Scan# 666
 Delta R.T. 0.01 min
 Lab File: VN063143.D
 Acq: 26 Aug 2020 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	106327		
127	40.6		32.2	48.4
141	14.2		11.3	16.9





#11

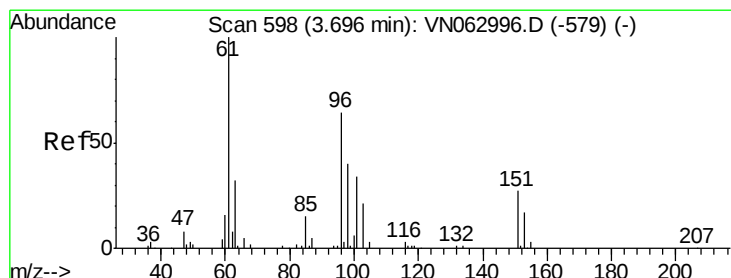
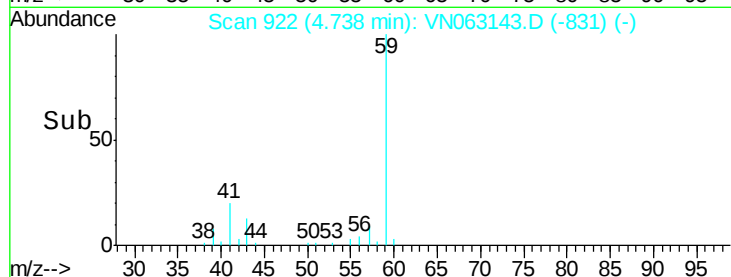
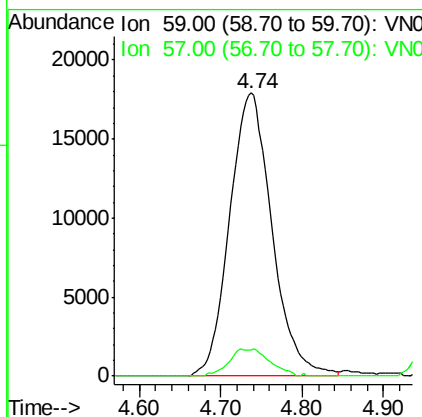
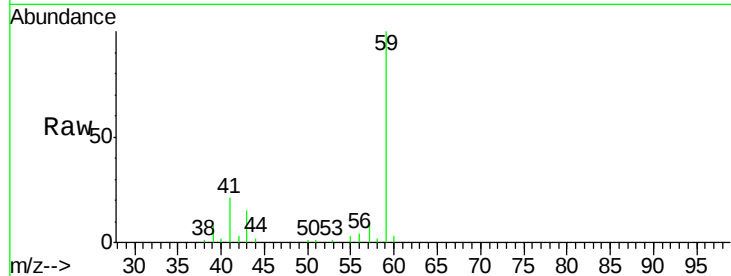
Tert butyl alcohol
 Concen: 200.552 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: VN063143.D
 Acq: 26 Aug 2020 19:23

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-498-500MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	4.2	7.8	11.6#

Manual Integrations
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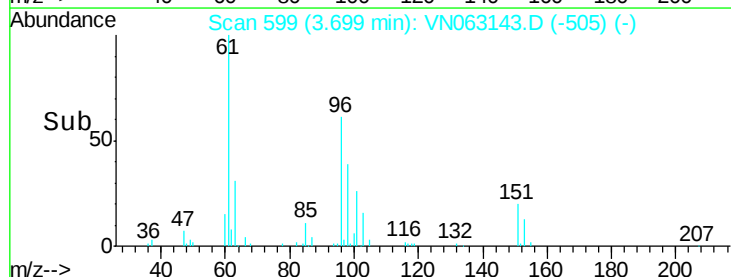
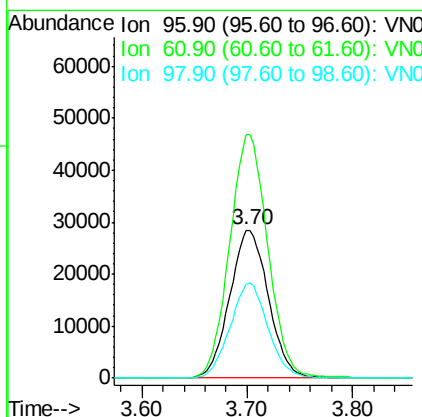
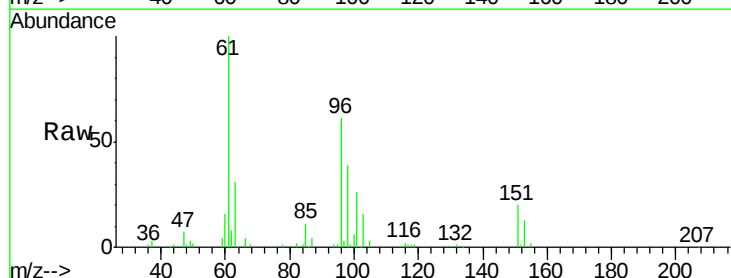
MMDadoda
 8/27/2020 1:28:26 PM

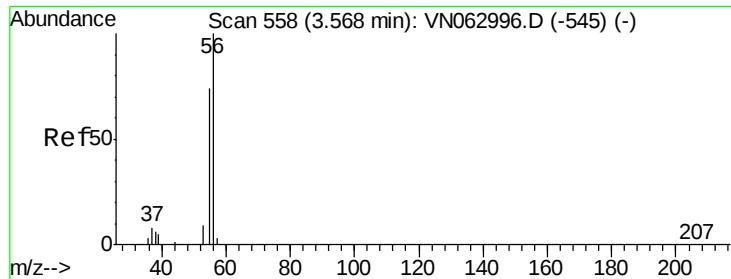


#12

1,1-Dichloroethene
 Concen: 44.606 ug/l
 RT: 3.70 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: VN063143.D
 Acq: 26 Aug 2020 19:23

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.8	125.5	188.3
98	63.7	50.4	75.6





#13

Acrolein

Concen: 22.223 ug/l m

RT: 3.57 min Scan# 559

Delta R.T. 0.00 min

Lab File: VN063143.D

Acq: 26 Aug 2020 19:23

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-498-500MS

Tot Ion: 56 Resp: 2244

Ion Ratio Lower Upper

56 100

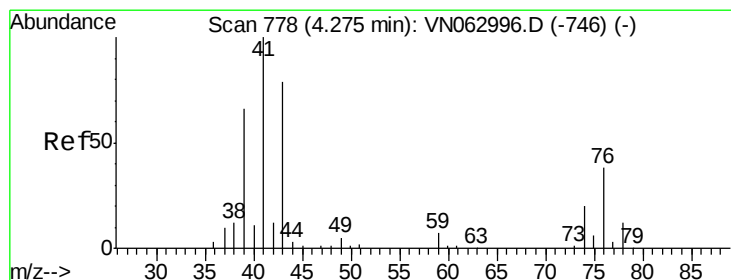
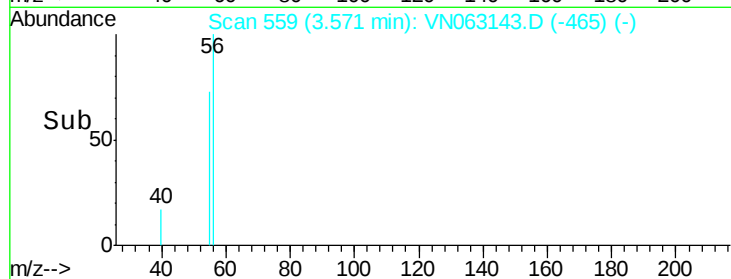
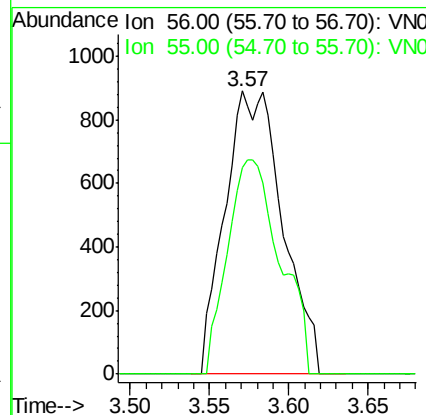
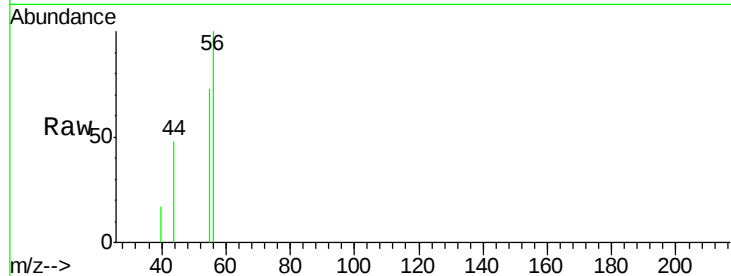
55 68.9 58.4 87.6

Manual Integrations

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#14

Allyl chloride

Concen: 45.914 ug/l

RT: 4.28 min Scan# 780

Delta R.T. 0.01 min

Lab File: VN063143.D

Acq: 26 Aug 2020 19:23

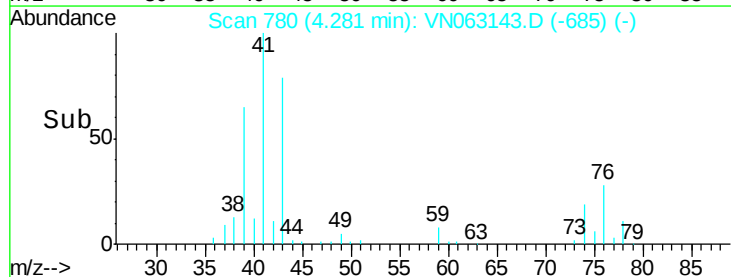
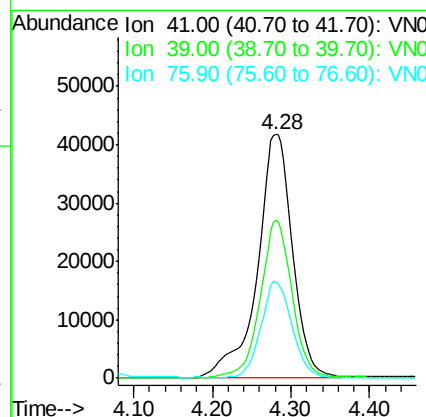
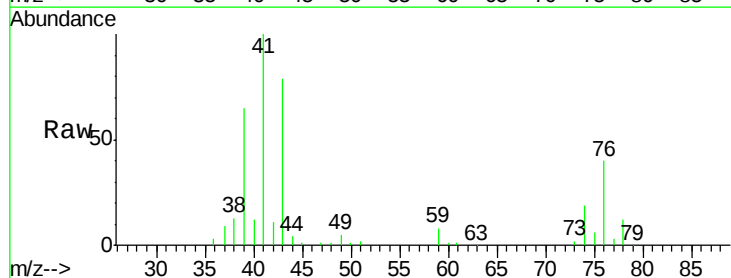
Tgt Ion: 41 Resp: 131941

Ion Ratio Lower Upper

41 100

39 58.7 47.9 71.9

76 35.1 27.0 40.6





#15

Acrylonitrile

Concen: 215.198 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.00 min

Lab File: VN063143.D

Acq: 26 Aug 2020 19:23

Instrument :

MSVOA_N

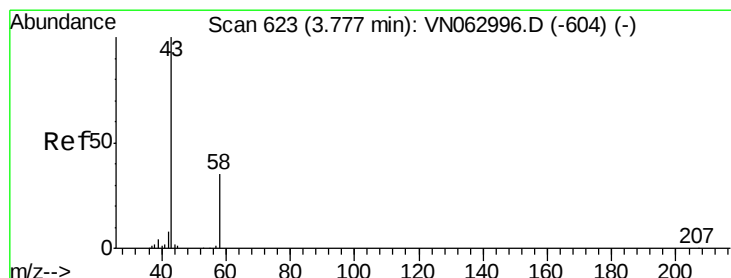
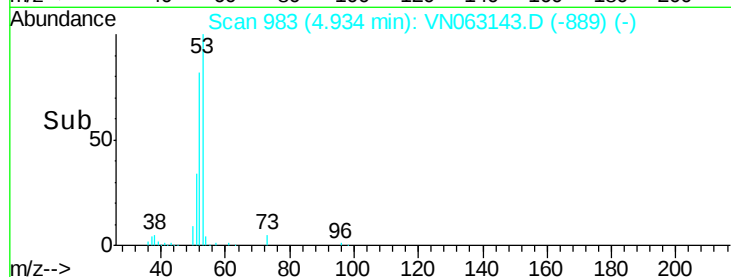
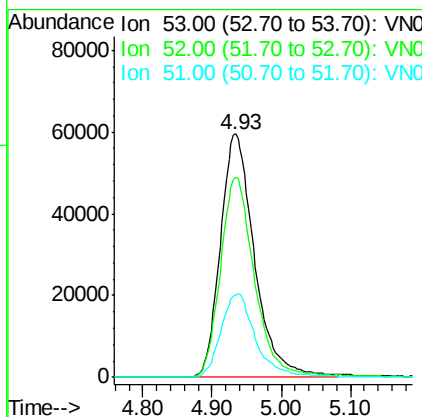
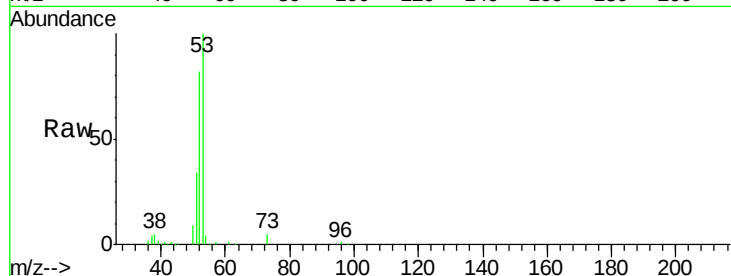
ClientSampleId :

BP-VPB181-GW-498-500MS

Tot Ion:	53	Resp:	203877
Ion Ratio	Lower	Upper	
53	100		
52	81.5	65.6	98.4
51	34.9	28.2	42.4

Manual Integrations
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8/27/2020 1:28:26 PM



#16

Acetone

Concen: 229.872 ug/l

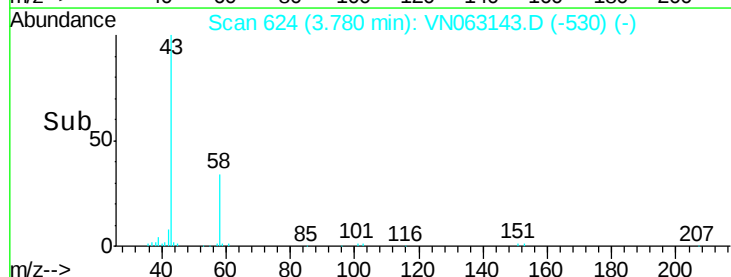
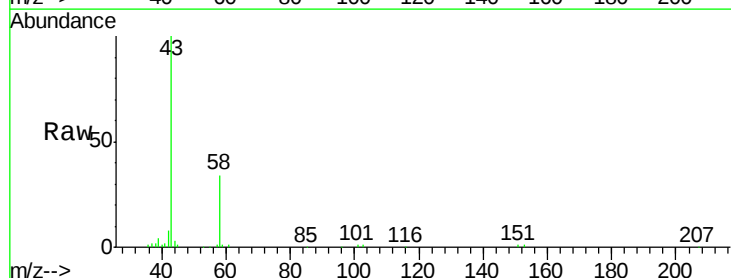
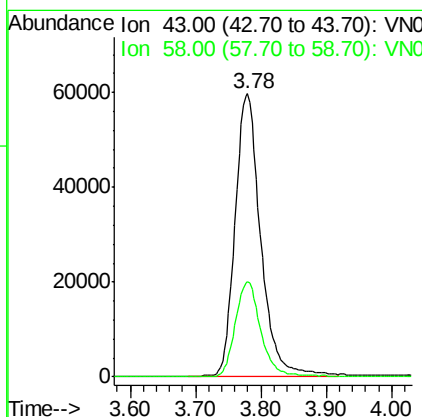
RT: 3.78 min Scan# 624

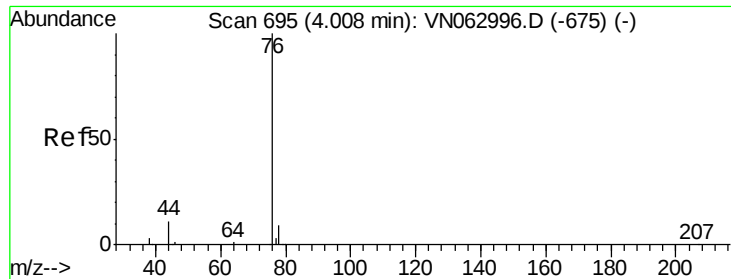
Delta R.T. 0.00 min

Lab File: VN063143.D

Acq: 26 Aug 2020 19:23

Tgt Ion:	43	Resp:	163347
Ion Ratio	Lower	Upper	
43	100		
58	33.8	27.8	41.6





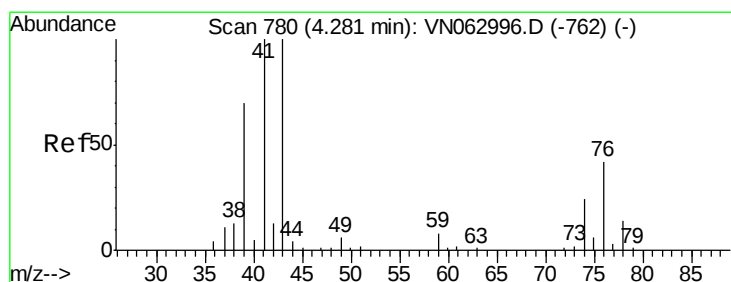
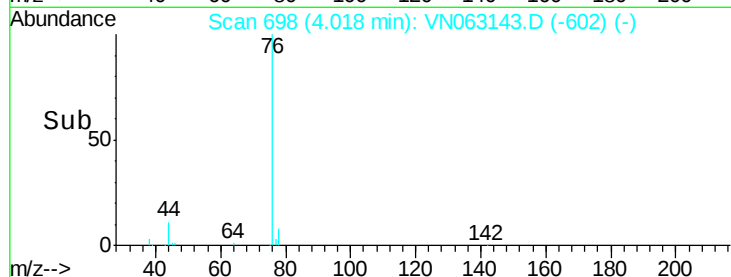
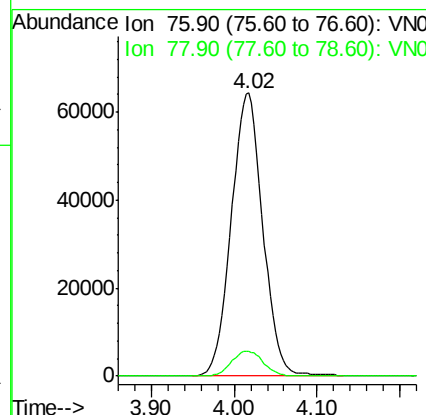
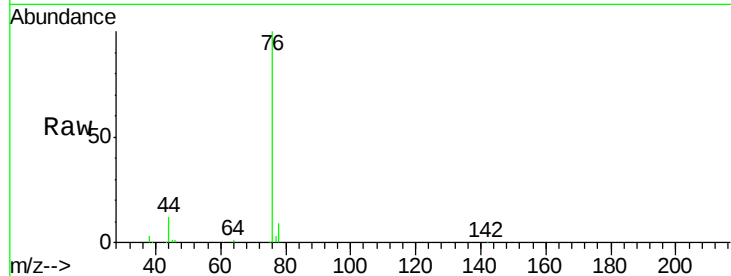
#17
Carbon Disulfide
Concen: 39.804 ug/l
RT: 4.02 min Scan# 698
Delta R.T. 0.01 min
Lab File: VN063143.D
Acq: 26 Aug 2020 19:23

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-498-500MS

Tot Ion	Ratio	Resp	Lower	Upper
76	100	169896		
78	8.7	6.9	10.3	

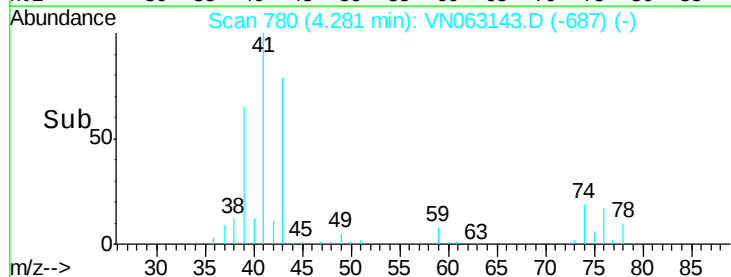
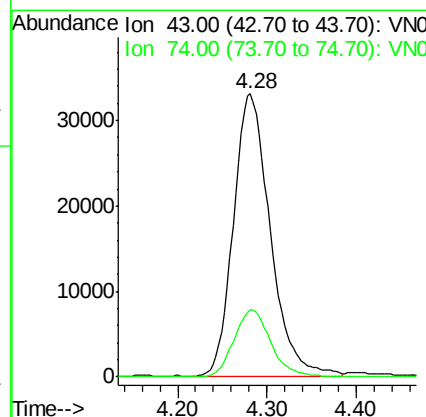
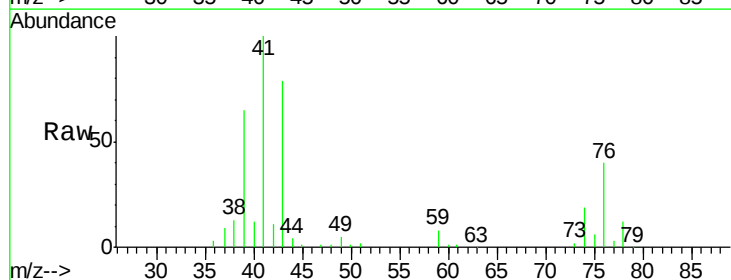
Manual Integrations
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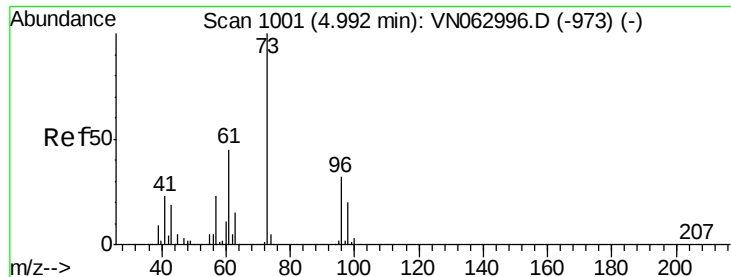
MMDadoda
8/27/2020 1:28:26 PM



#18
Methyl Acetate
Concen: 42.201 ug/l
RT: 4.28 min Scan# 780
Delta R.T. -0.00 min
Lab File: VN063143.D
Acq: 26 Aug 2020 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	95436		
74	23.6	18.6	28.0	





#19

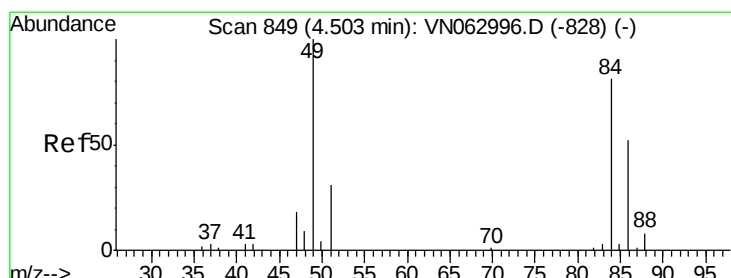
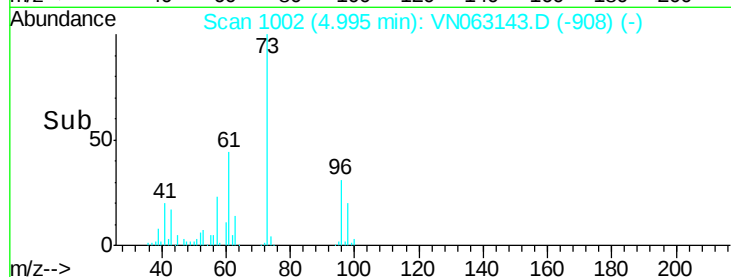
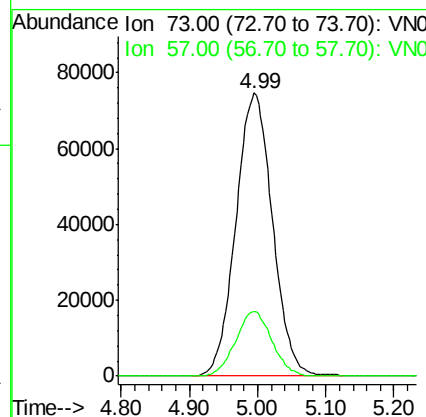
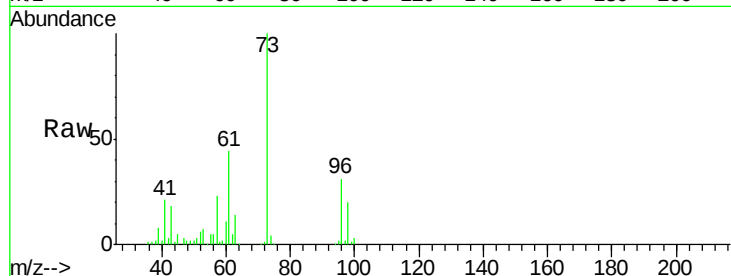
Methyl tert-butyl Ether
 Concen: 48.985 ug/l
 RT: 4.99 min Scan# 1002
 Delta R.T. 0.00 min
 Lab File: VN063143.D
 Acq: 26 Aug 2020 19:23

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-498-500MS

Tot Ion: 73 Resp: 278424
 Ion Ratio Lower Upper
 73 100
 57 23.0 18.1 27.1

Manual Integrations
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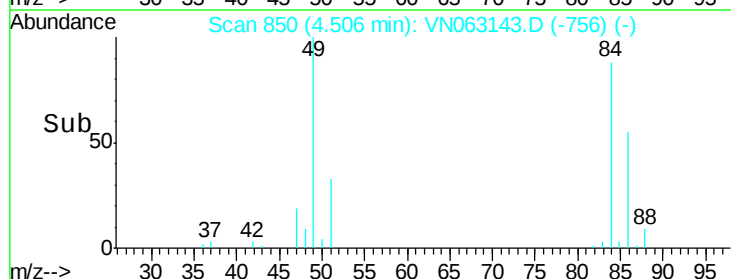
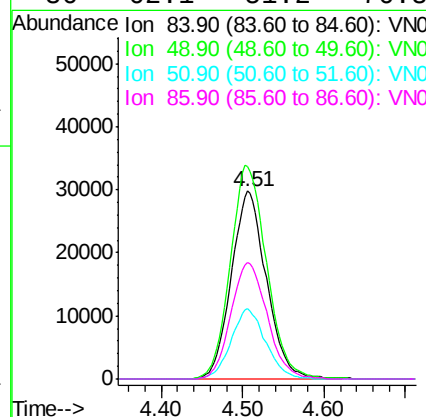
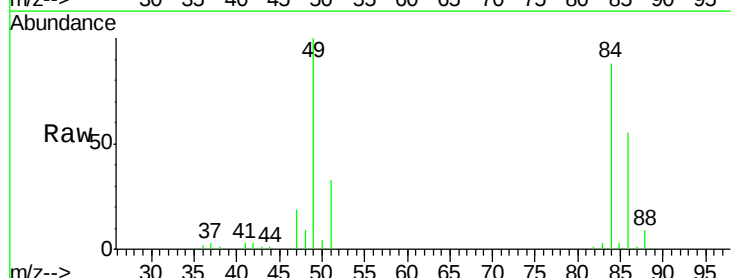
MMDadoda
 8/27/2020 1:28:26 PM

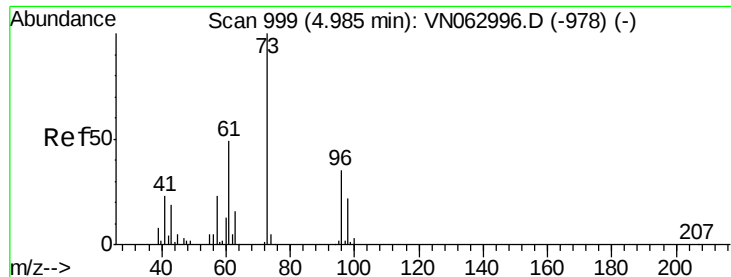


#20

Methylene Chloride
 Concen: 44.492 ug/l
 RT: 4.51 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: VN063143.D
 Acq: 26 Aug 2020 19:23

Tgt Ion: 84 Resp: 89560
 Ion Ratio Lower Upper
 84 100
 49 113.4 98.7 148.1
 51 37.4 30.8 46.2
 86 62.1 51.2 76.8





#21

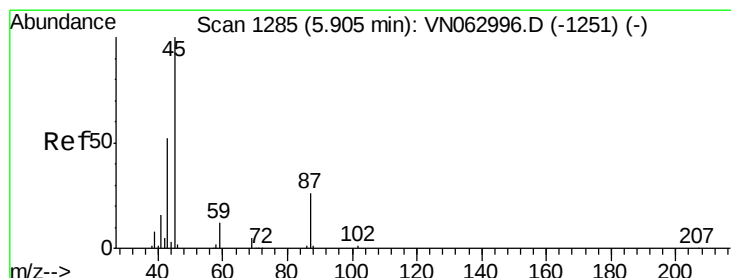
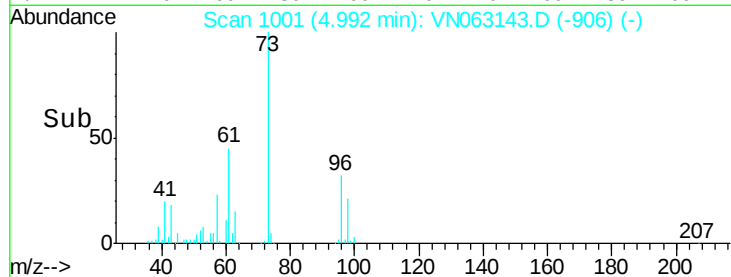
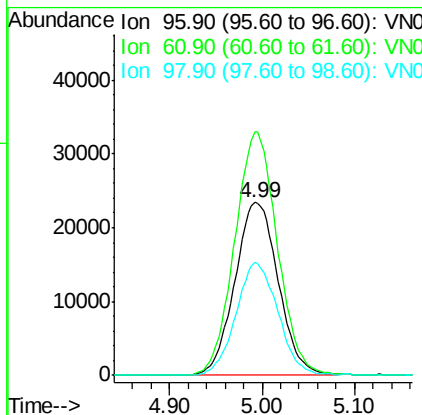
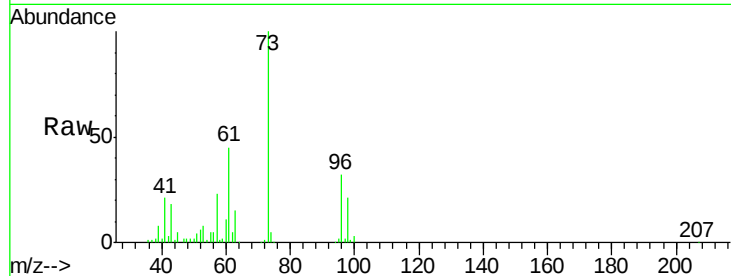
trans-1,2-Dichloroethene
Concen: 44.664 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VN063143.D
Acq: 26 Aug 2020 19:23

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-498-500MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.6	112.5	168.7
98	65.3	49.4	74.0

Manual Integrations
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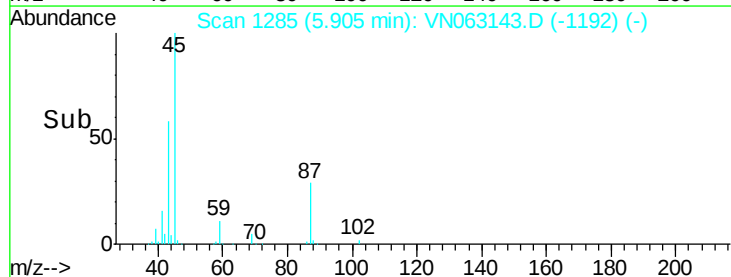
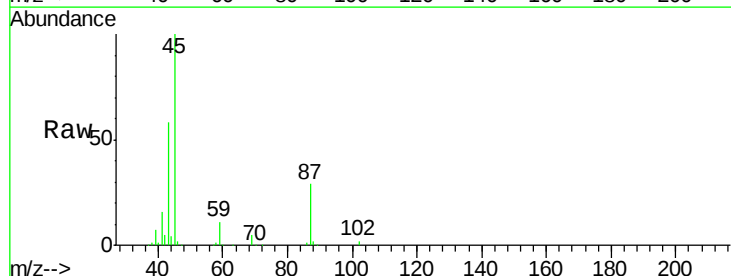
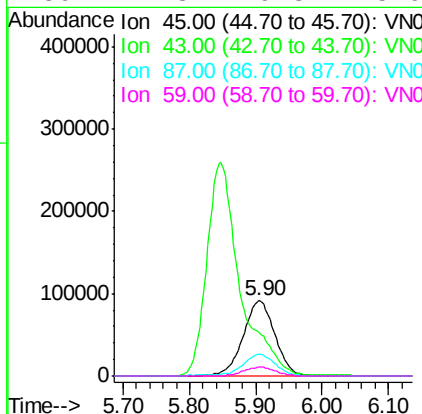
MMDadoda
8/27/2020 1:28:26 PM

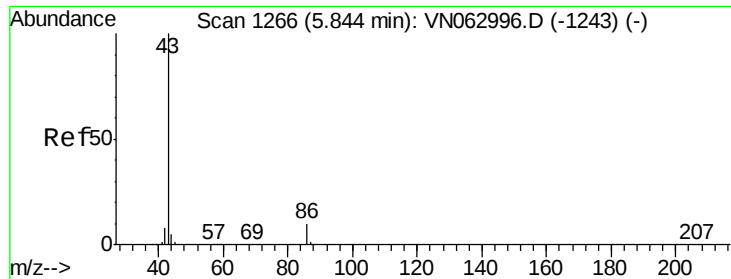


#22

Diisopropyl ether
Concen: 46.765 ug/l
RT: 5.90 min Scan# 1285
Delta R.T. -0.00 min
Lab File: VN063143.D
Acq: 26 Aug 2020 19:23

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.8	45.7	68.5
87	28.7	21.8	32.6
59	11.3	9.3	13.9





#23

Vinyl Acetate

Concen: 205.390 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN063143.D

Acq: 26 Aug 2020 19:23

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-498-500MS

Tot Ion: 43 Resp: 903819

Ion Ratio Lower Upper

43 100

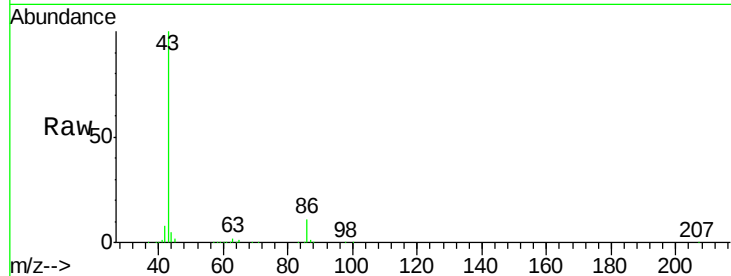
86 10.9 8.0 12.0

Manual Integrations

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MMDadoda

8/27/2020 1:28:26 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.85

250000

200000

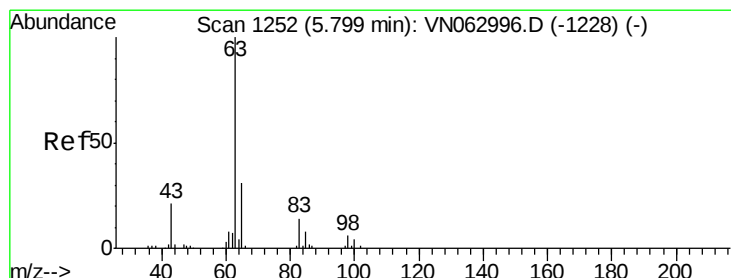
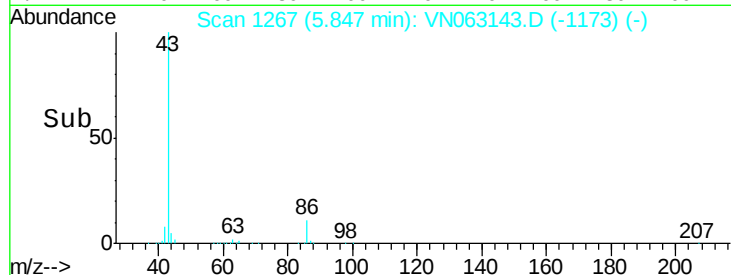
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 44.957 ug/l

RT: 5.80 min Scan# 1253

Delta R.T. 0.00 min

Lab File: VN063143.D

Acq: 26 Aug 2020 19:23

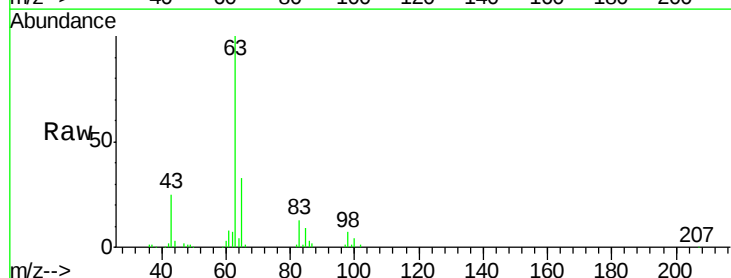
Tgt Ion: 63 Resp: 163824

Ion Ratio Lower Upper

63 100

98 6.7 2.9 8.7

100 4.1 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.80

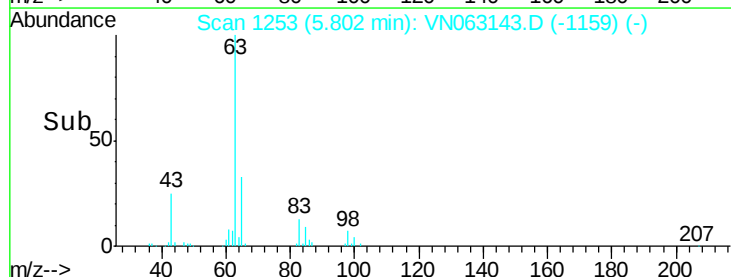
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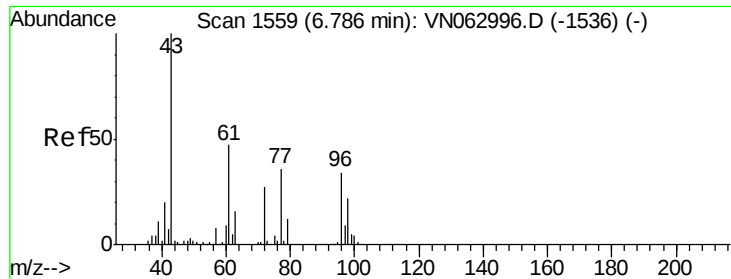
40000

20000

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Time-->





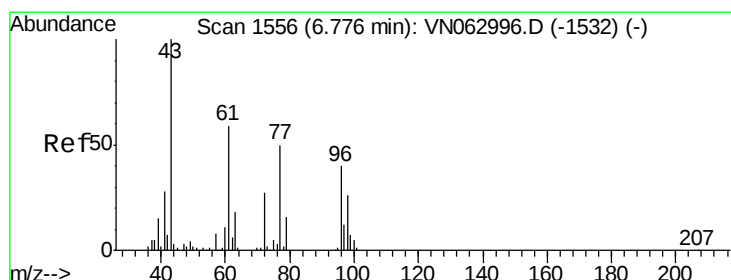
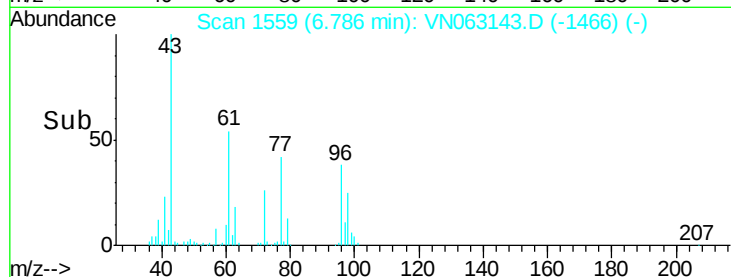
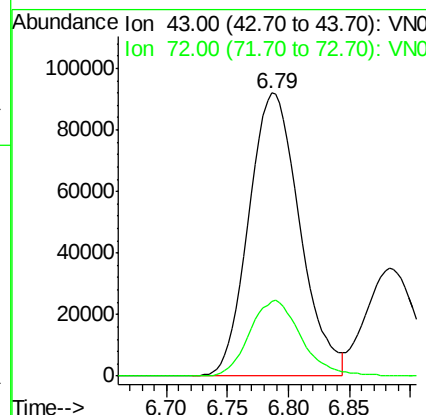
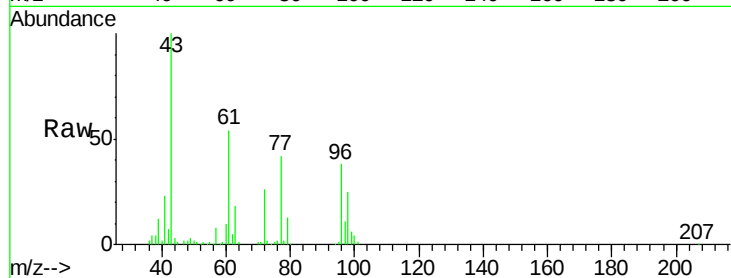
#25
2-Butanone
Concen: 221.035 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VN063143.D
Acq: 26 Aug 2020 19:23

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-498-500MS

Tot Ion: 43 Resp: 267039
Ion Ratio Lower Upper
43 100
72 26.2 21.8 32.6

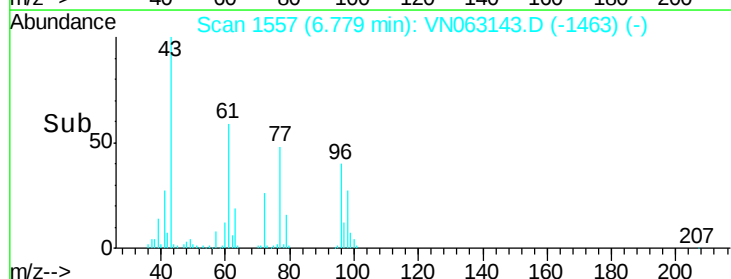
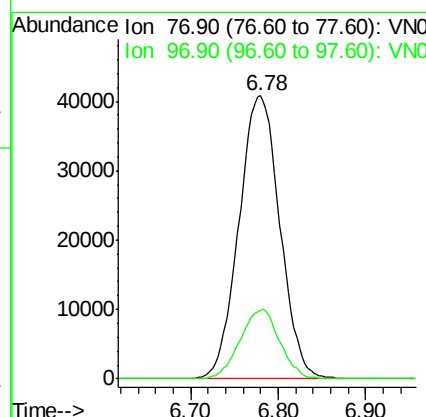
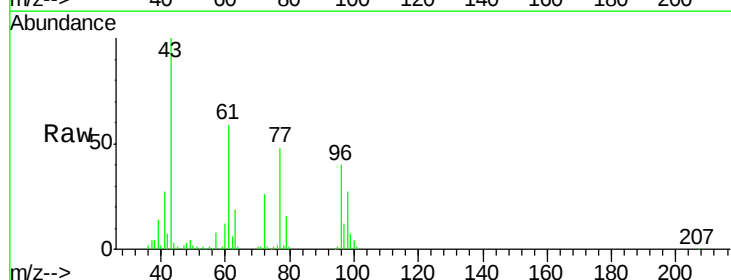
Manual Integrations
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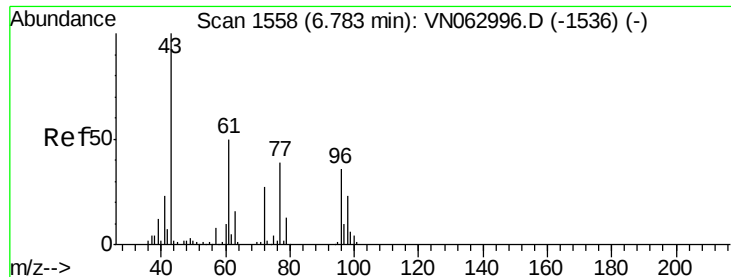
MMDadoda
8/27/2020 1:28:26 PM



#26
2,2-Dichloropropane
Concen: 46.206 ug/l
RT: 6.78 min Scan# 1557
Delta R.T. 0.00 min
Lab File: VN063143.D
Acq: 26 Aug 2020 19:23

Tgt Ion: 77 Resp: 132418
Ion Ratio Lower Upper
77 100
97 23.7 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 47.650 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN063143.D

Acq: 26 Aug 2020 19:23

Instrument :

MSVOA_N

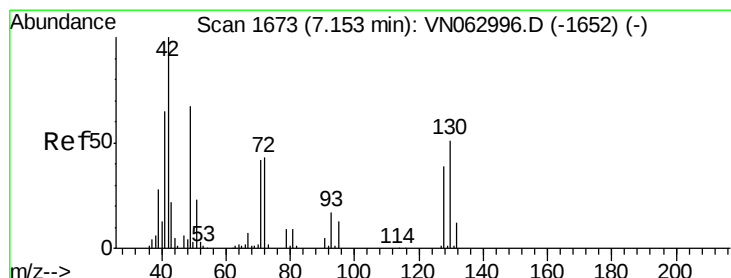
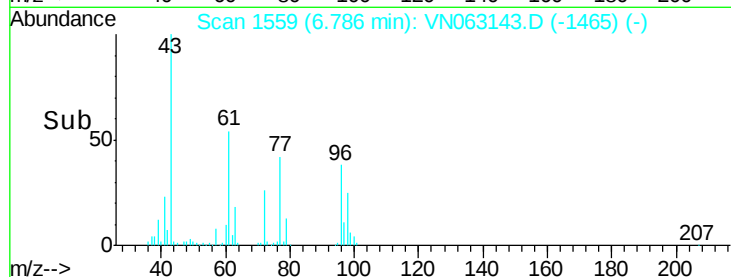
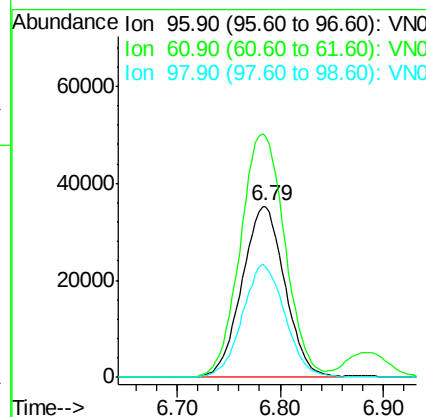
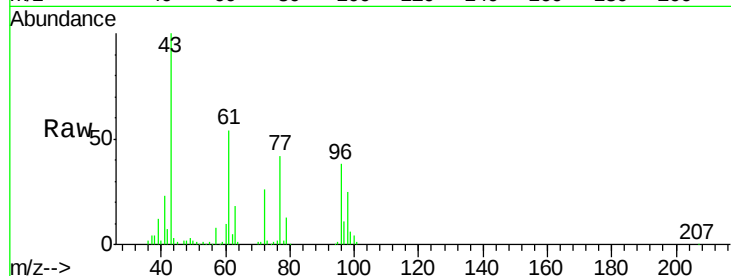
ClientSampleId :

BP-VPB181-GW-498-500MS

Tot Ion:	96	Resp:	101868
Ion	Ratio	Lower	Upper
96	100		
61	147.9	0.0	292.8
98	65.6	0.0	130.6

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#28

Bromochloromethane

Concen: 20.112 ug/l

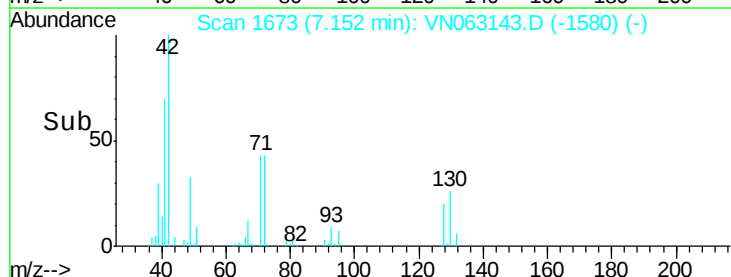
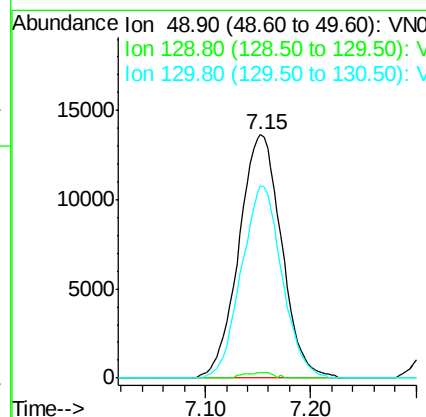
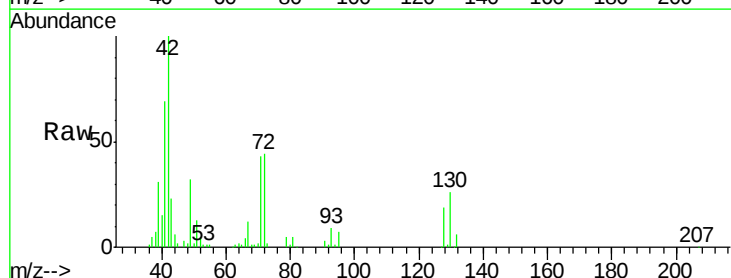
RT: 7.15 min Scan# 1673

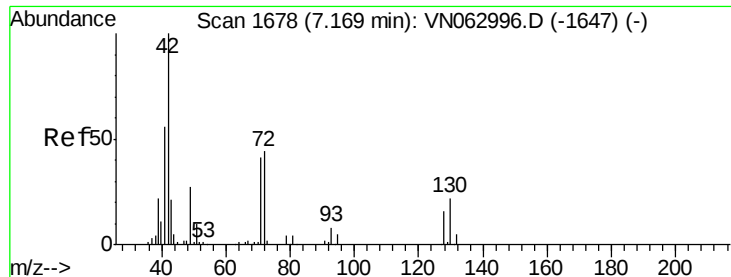
Delta R.T. -0.00 min

Lab File: VN063143.D

Acq: 26 Aug 2020 19:23

Tgt Ion:	49	Resp:	38346
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.6
130	75.3	61.1	91.7





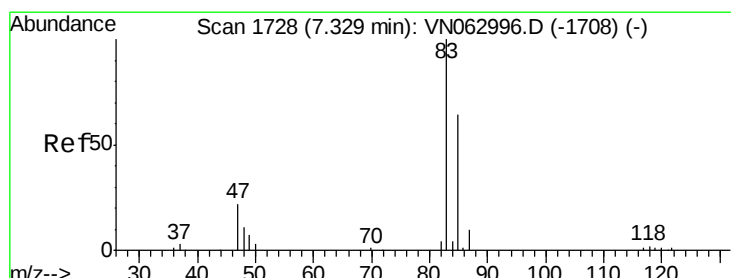
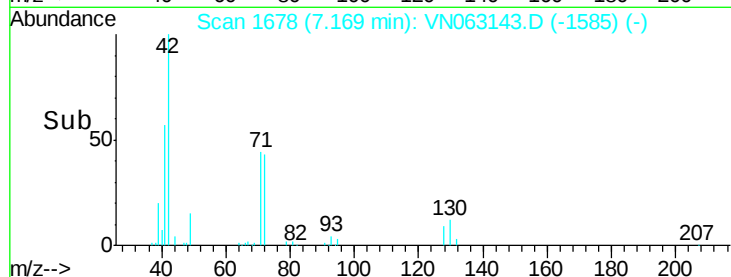
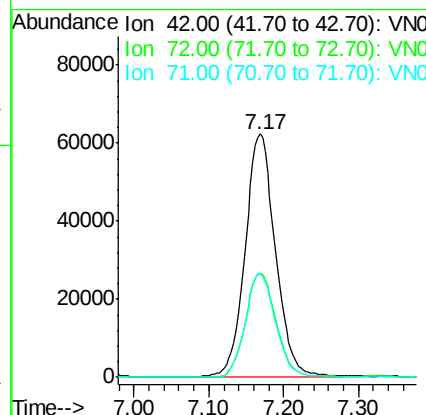
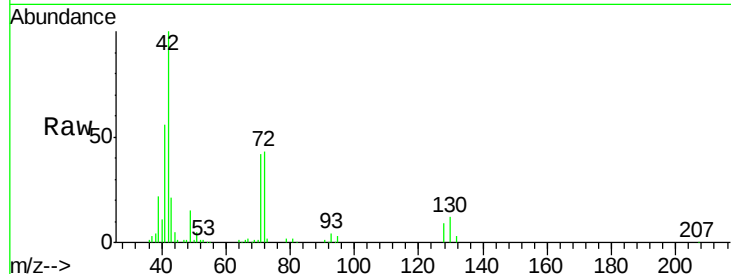
#29
Tetrahydrofuran
Concen: 226.101 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN063143.D
Acq: 26 Aug 2020 19:23

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-498-500MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.1	34.6	52.0
71	41.9	32.3	48.5

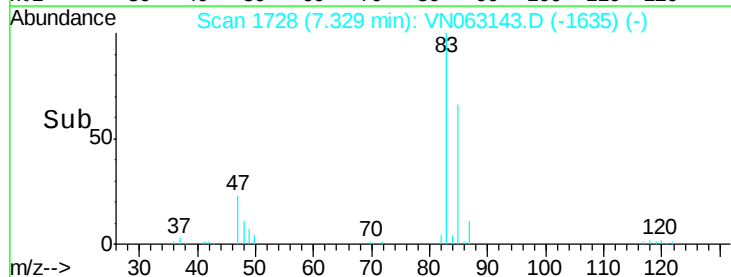
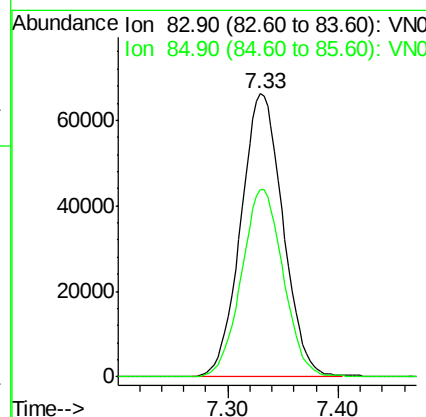
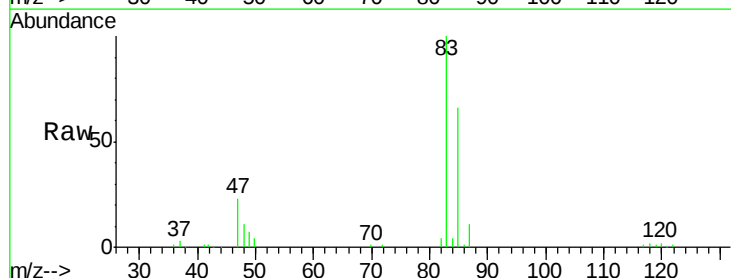
Manual Integrations
APPROVED

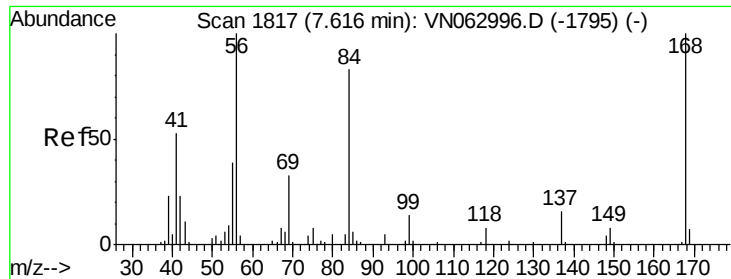
MMDadoda
8/27/2020 1:28:26 PM



#30
Chloroform
Concen: 47.689 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN063143.D
Acq: 26 Aug 2020 19:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	51.5	77.3





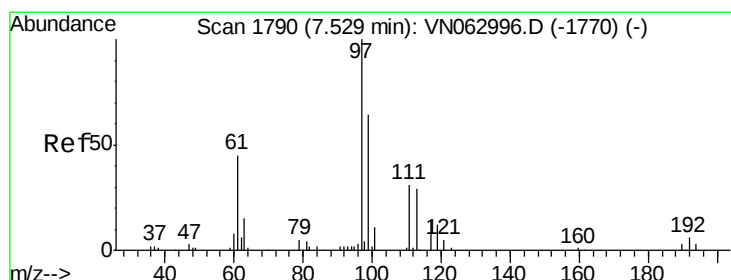
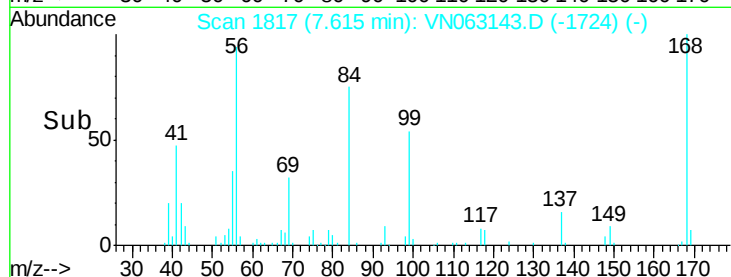
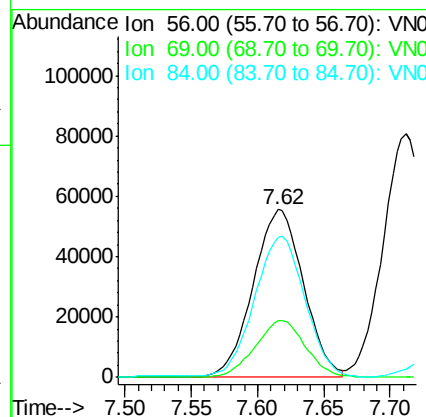
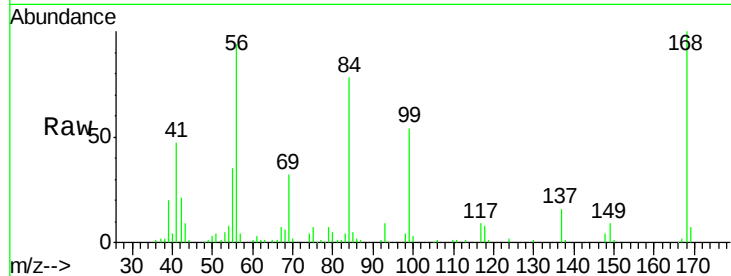
#31
Cyclohexane
Concen: 43.776 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. -0.00 min
Lab File: VN063143.D
Acq: 26 Aug 2020 19:23

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-498-500MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.9	26.6	40.0
84	82.9	66.4	99.6

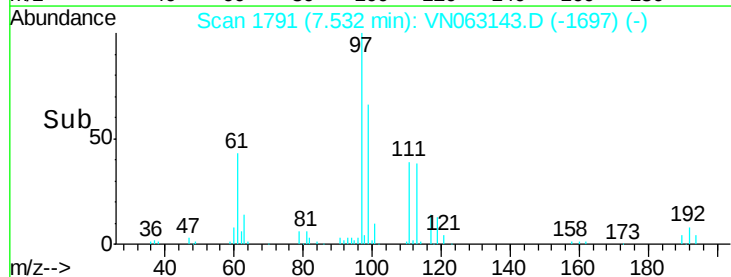
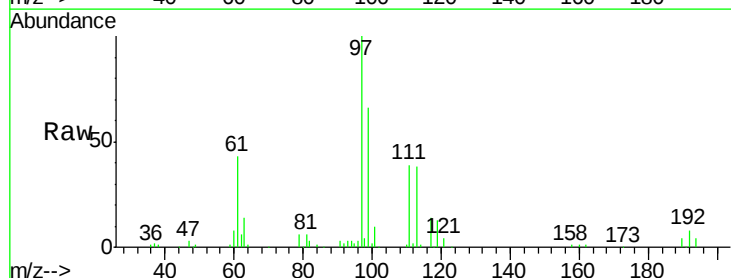
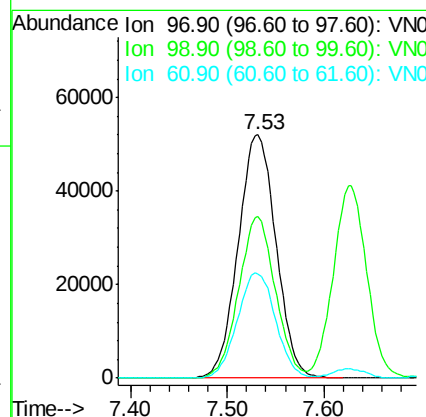
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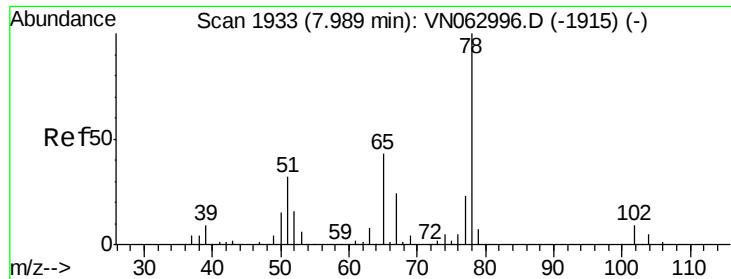
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 47.307 ug/l
RT: 7.53 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VN063143.D
Acq: 26 Aug 2020 19:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.0	78.0
61	43.7	36.2	54.4





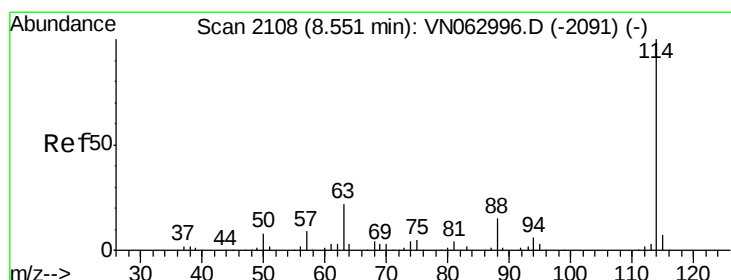
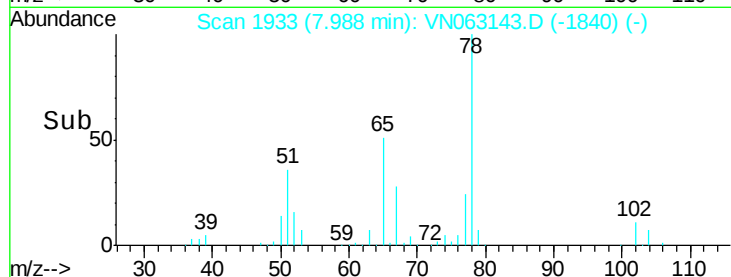
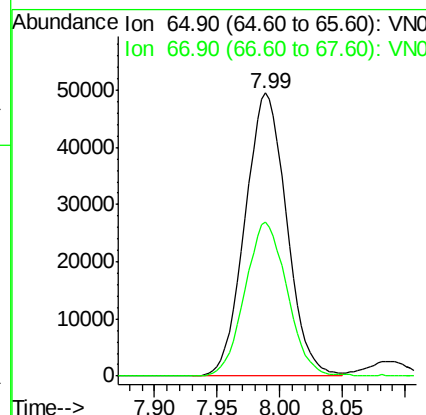
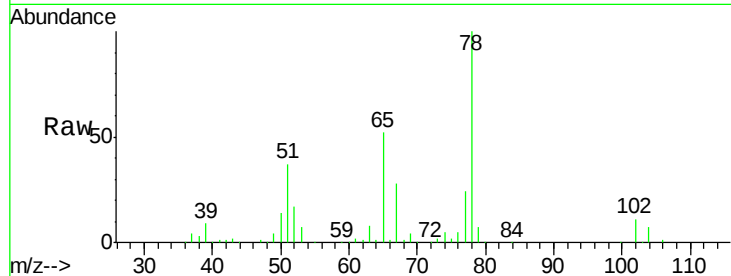
#33
 1,2-Dichloroethane-d4
 Concen: 50.305 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN063143.D
 Acq: 26 Aug 2020 19:23

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-498-500MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.2	0.0	112.0	

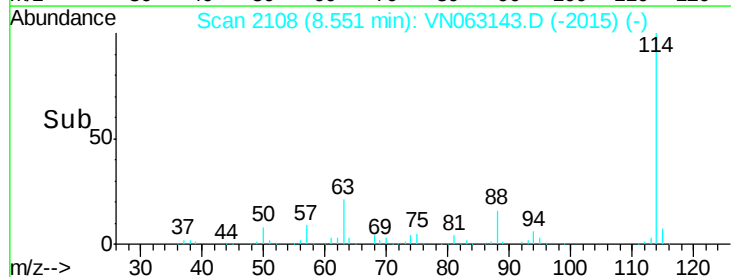
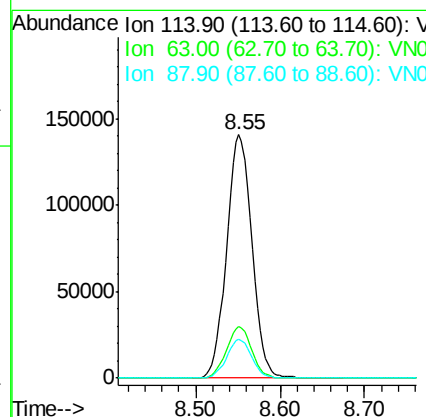
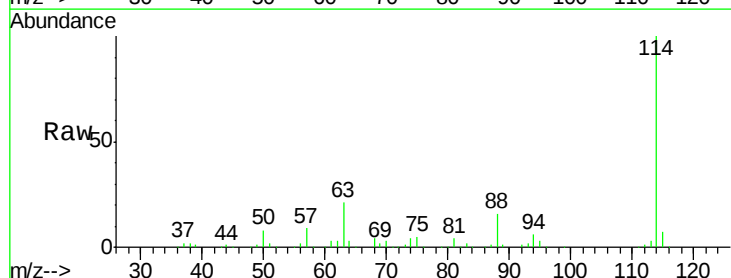
Manual Integrations
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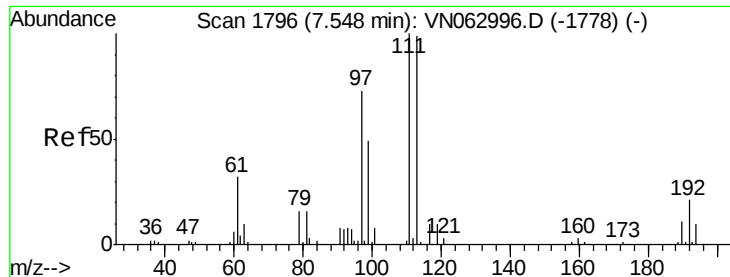
MMDadoda
 8/27/2020 1:28:26 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN063143.D
 Acq: 26 Aug 2020 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.0	0.0	43.2	
88	15.9	0.0	30.6	





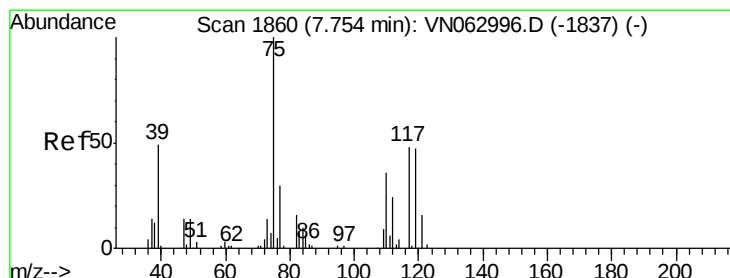
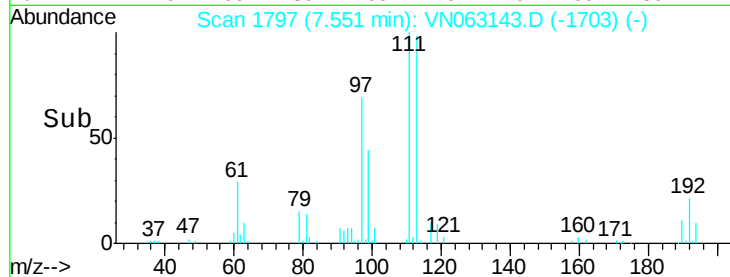
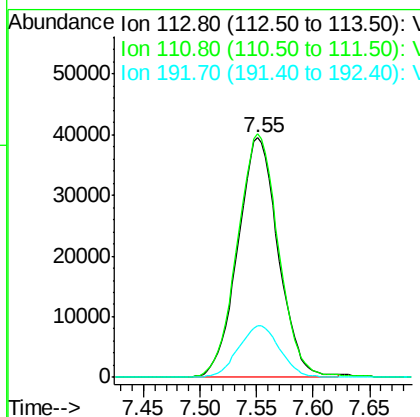
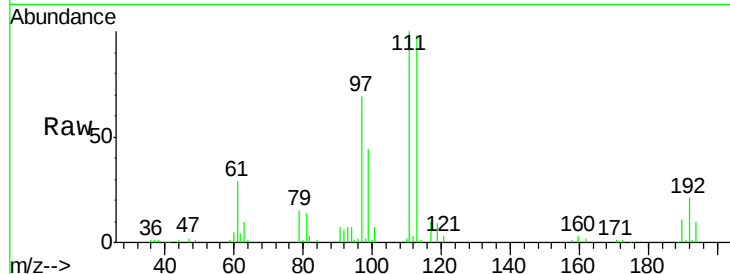
#35
 Dibromofluoromethane
 Concen: 51.396 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN063143.D
 Acq: 26 Aug 2020 19:23

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-498-500MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.2	81.7	122.5	
192	22.0	17.5	26.3	

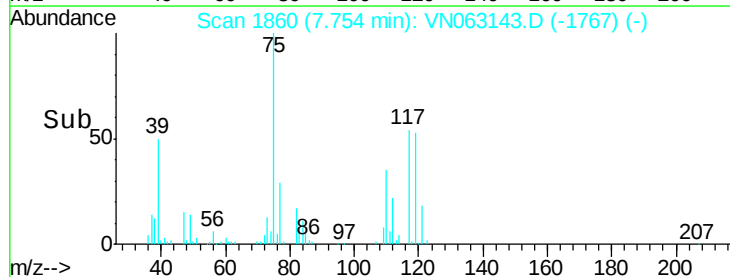
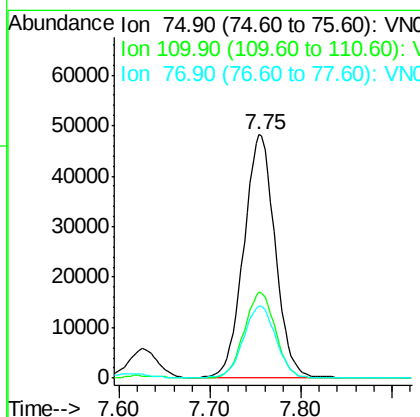
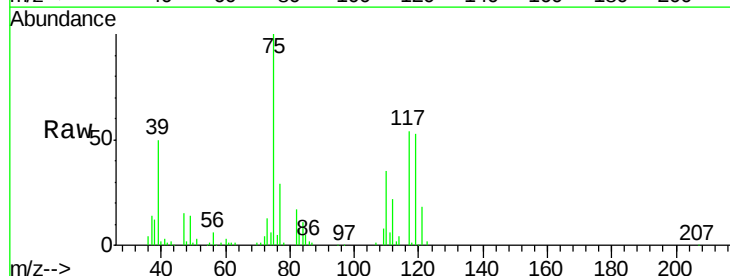
Manual Integrations
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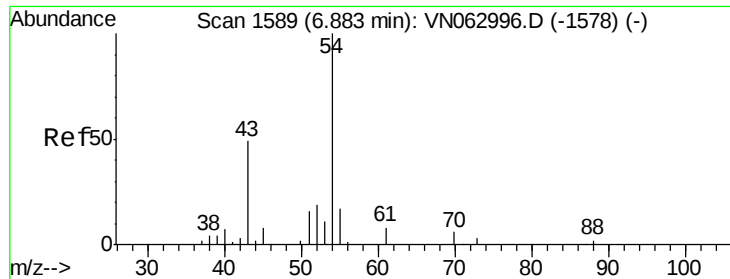
MMDadoda
 8/27/2020 1:28:26 PM



#36
 1,1-Dichloropropene
 Concen: 44.788 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VN063143.D
 Acq: 26 Aug 2020 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	34.9	17.5	52.6	
77	30.8	24.2	36.4	





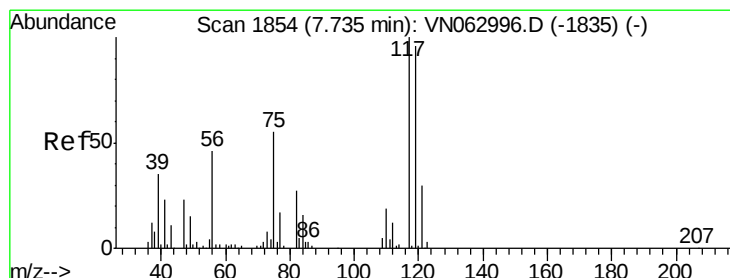
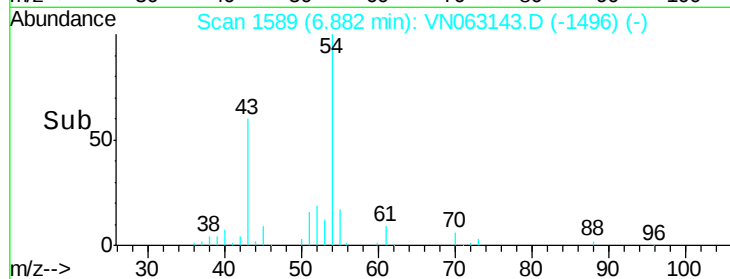
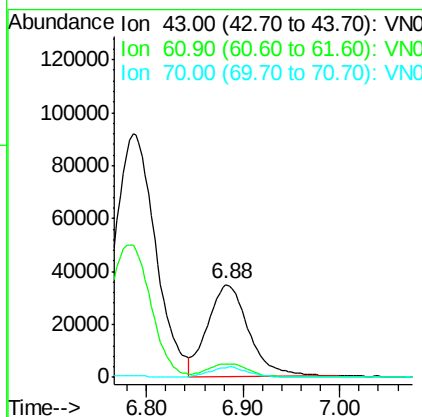
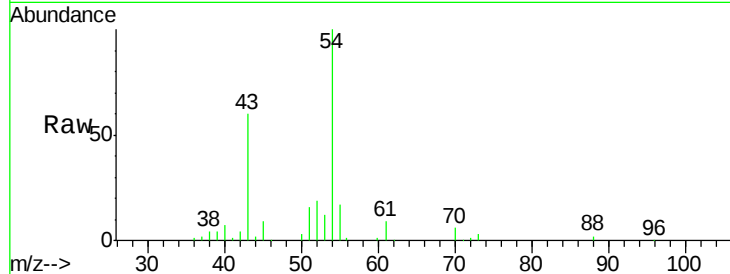
#37
Ethyl Acetate
Concen: 42.570 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN063143.D
Acq: 26 Aug 2020 19:23

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-498-500MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.8	17.8
70	10.3	8.2	12.2

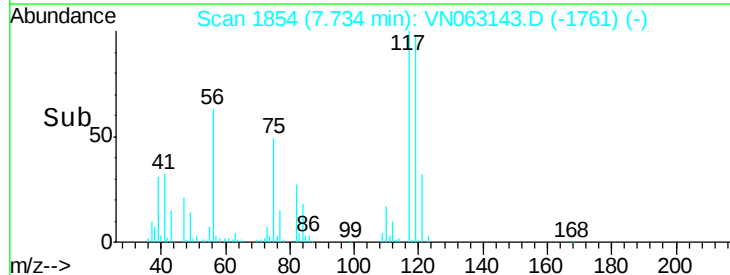
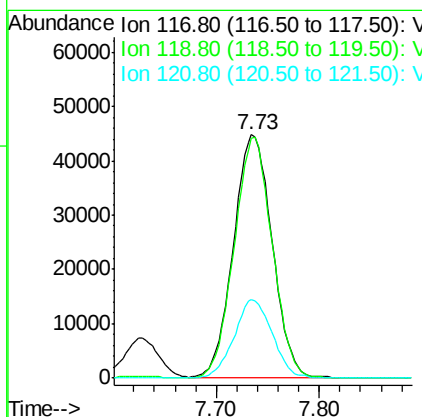
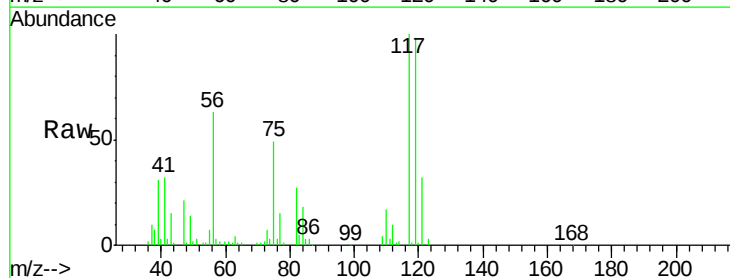
Manual Integrations
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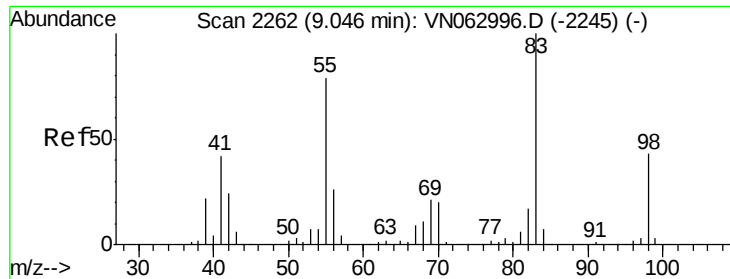
MMDadoda
8/27/2020 1:28:26 PM



#38
Carbon Tetrachloride
Concen: 44.984 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN063143.D
Acq: 26 Aug 2020 19:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	76.2	114.4
121	32.2	24.2	36.2





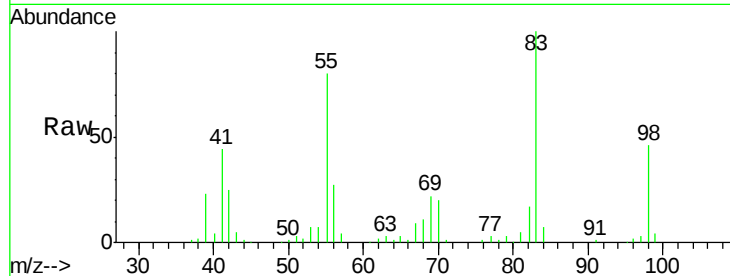
#39
Methvlcvclohexane
Concen: 35.632 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VN063143.D
Acq: 26 Aug 2020 19:23

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-498-500MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	122709		
55	80.4		63.3	94.9
98	46.3		34.2	51.4

Manual Integrations
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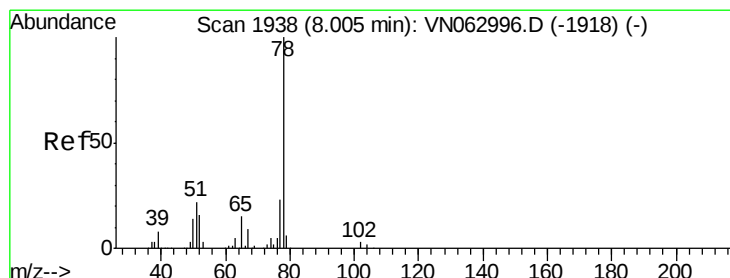
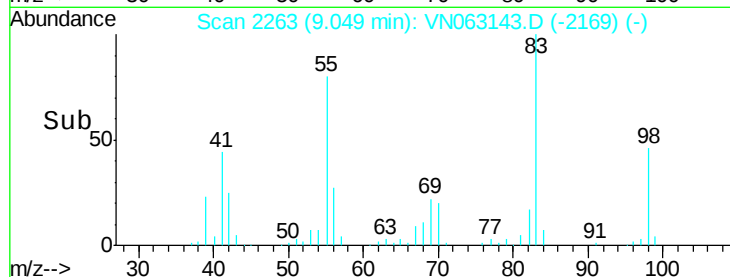
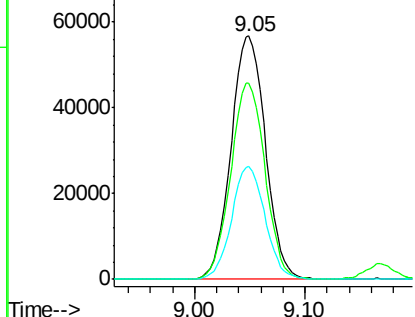
MMDadoda
8/27/2020 1:28:26 PM



Abundance Ion 83.00 (82.70 to 83.70): VN062996.D (-2245) (-)

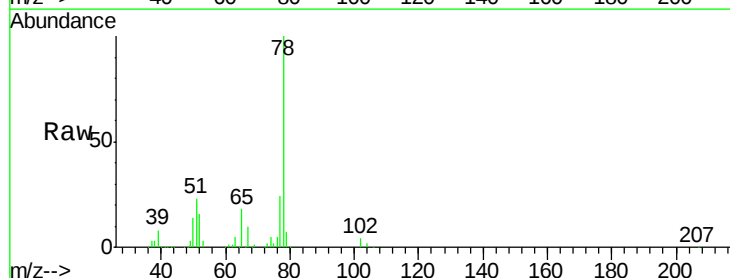
Ion 55.00 (54.70 to 55.70): VN062996.D (-2245) (-)

Ion 98.00 (97.70 to 98.70): VN062996.D (-2245) (-)



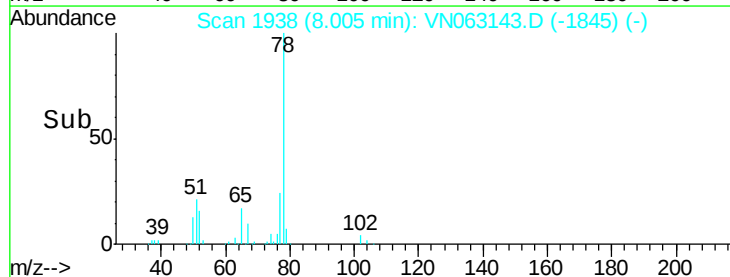
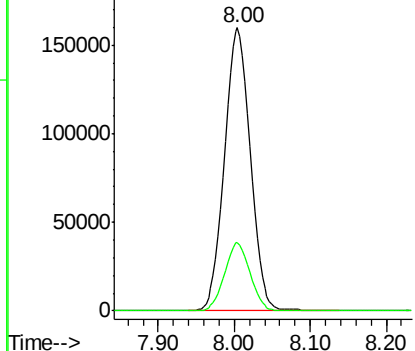
#40
Benzene
Concen: 46.237 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN063143.D
Acq: 26 Aug 2020 19:23

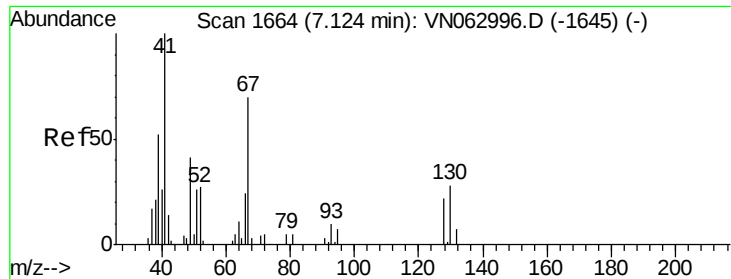
Tgt Ion	Ratio	Resp	Lower	Upper
78	100	378995		
77	24.0		18.8	28.2



Abundance Ion 78.00 (77.70 to 78.70): VN062996.D (-1918) (-)

Ion 77.00 (76.70 to 77.70): VN062996.D (-1918) (-)





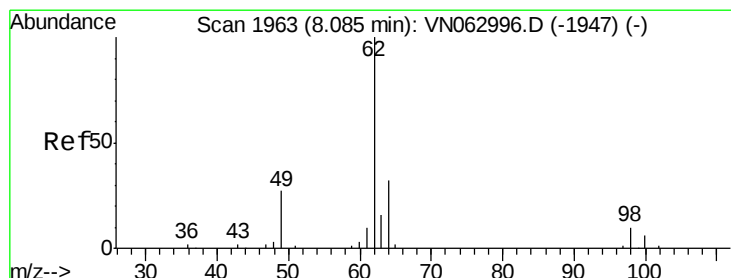
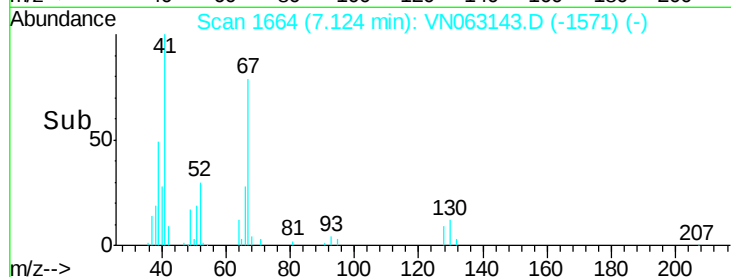
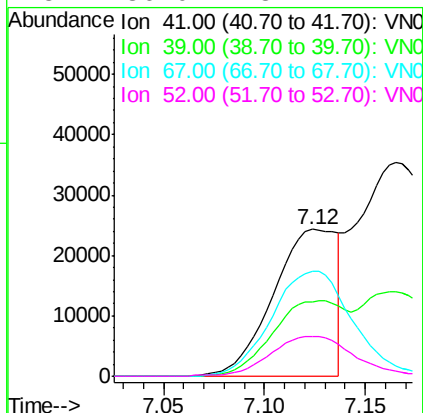
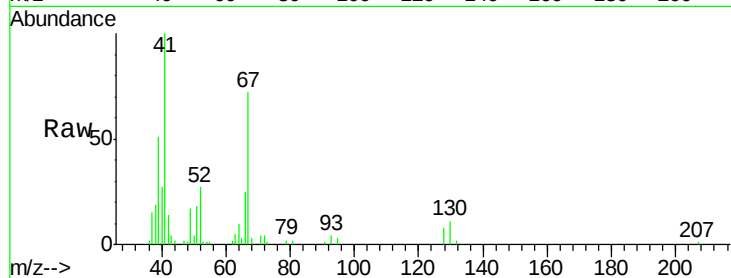
#41
Methacrylonitrile
Concen: 46.118 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN063143.D
Acq: 26 Aug 2020 19:23

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-498-500MS

Tot Ion	41	Resp	53210
Ion	Ratio	Lower	Upper
41	100		
39	59.7	41.6	62.4
67	92.6	71.8	107.8
52	36.0	28.2	42.4

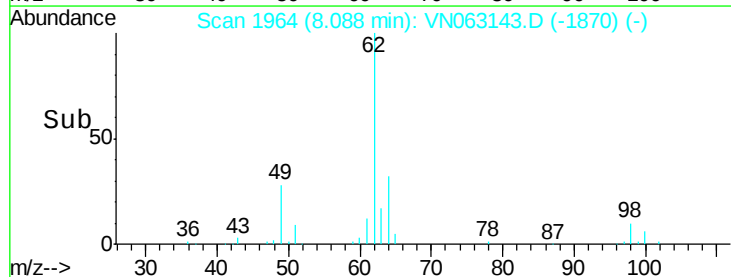
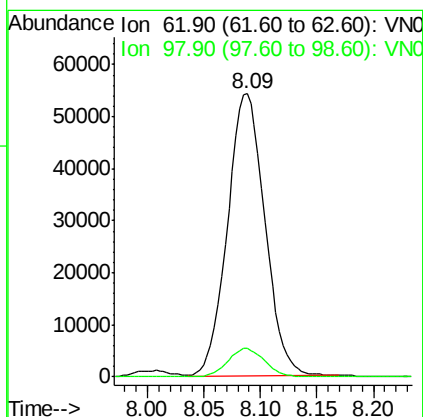
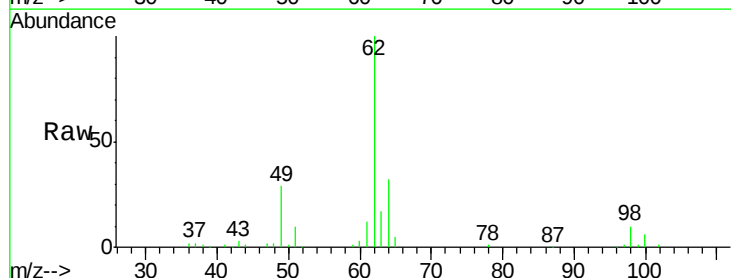
Manual Integrations
APPROVED

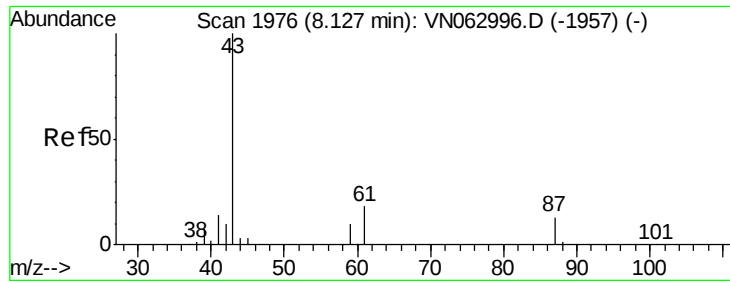
MMDadoda
8/27/2020 1:28:26 PM



#42
1,2-Dichloroethane
Concen: 45.429 ug/l
RT: 8.09 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VN063143.D
Acq: 26 Aug 2020 19:23

Tgt Ion	62	Resp	125033
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	18.4





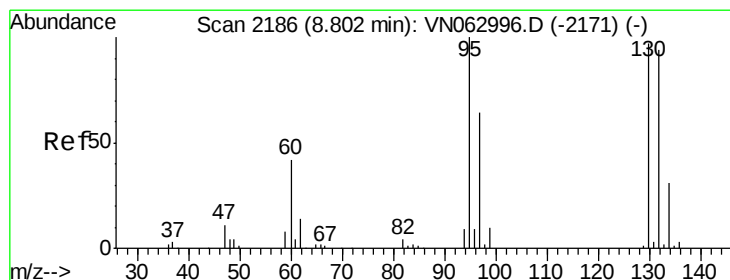
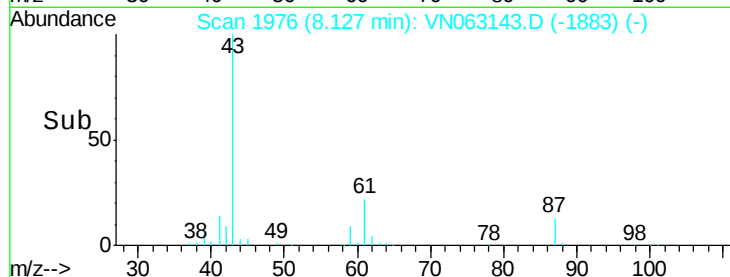
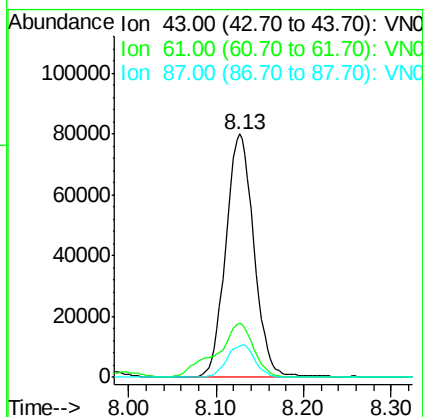
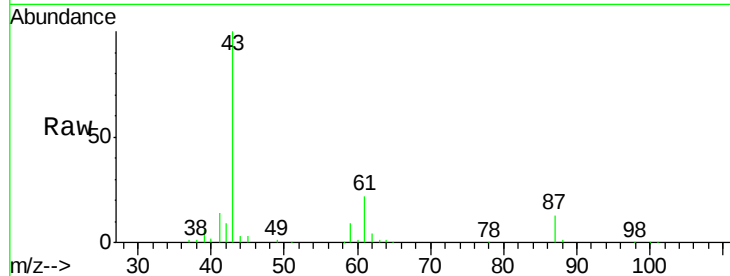
#43
Isopropyl Acetate
Concen: 44.569 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN063143.D
Acq: 26 Aug 2020 19:23

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-498-500MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.4	22.6	33.8
87	13.4	10.5	15.7

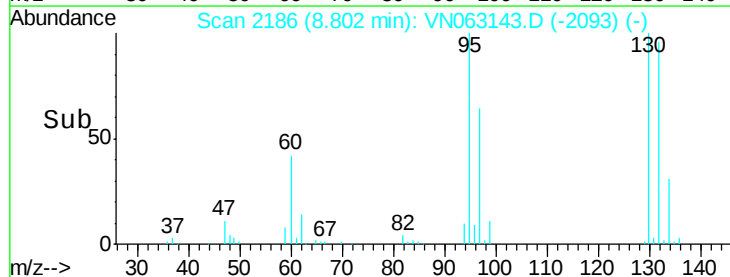
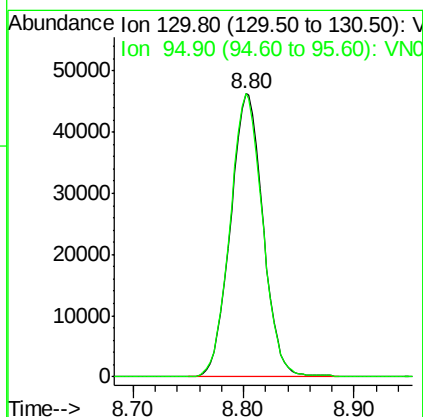
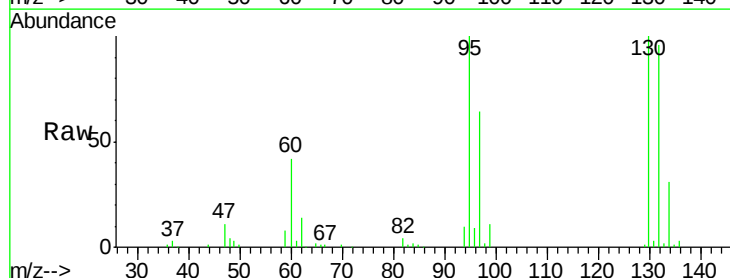
Manual Integrations
APPROVED

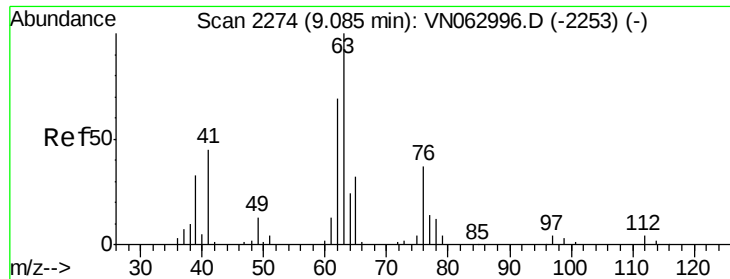
MMDadoda
8/27/2020 1:28:26 PM



#44
Trichloroethene
Concen: 46.425 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN063143.D
Acq: 26 Aug 2020 19:23

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.1	0.0	205.6





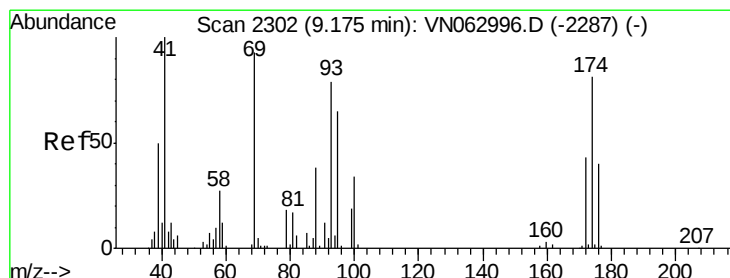
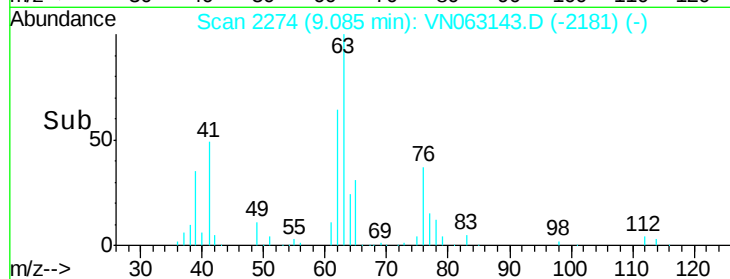
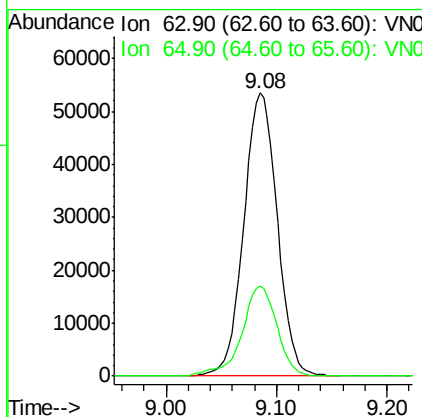
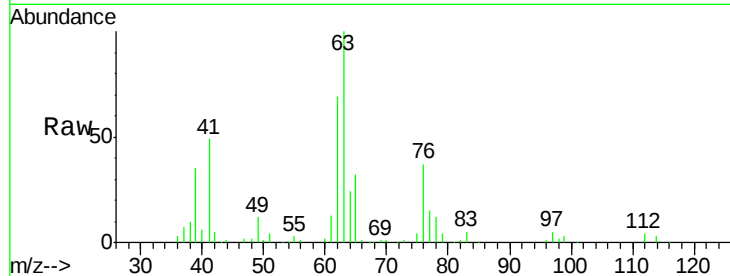
#45
 1,2-Dichloropropane
 Concen: 47.423 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN063143.D
 Acq: 26 Aug 2020 19:23

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-498-500MS

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.6	38.4

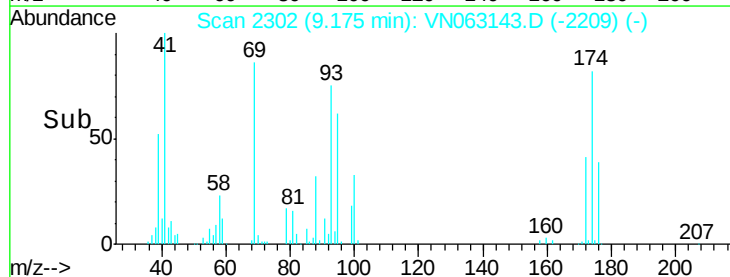
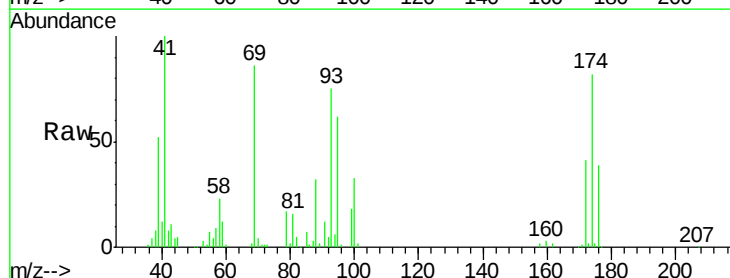
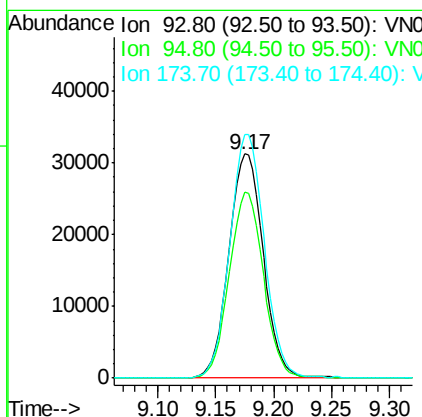
Manual Integrations
 APPROVED

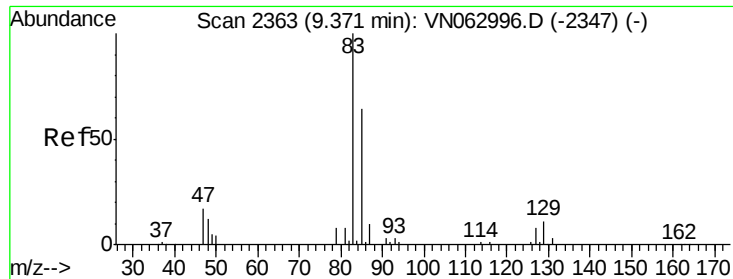
MMDadoda
 8/27/2020 1:28:26 PM



#46
 Dibromomethane
 Concen: 47.048 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN063143.D
 Acq: 26 Aug 2020 19:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.0	66.2	99.4
174	108.6	84.6	127.0





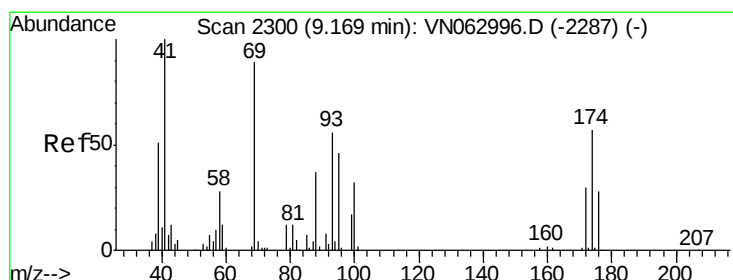
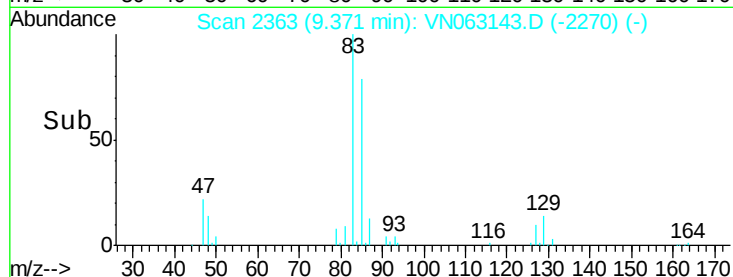
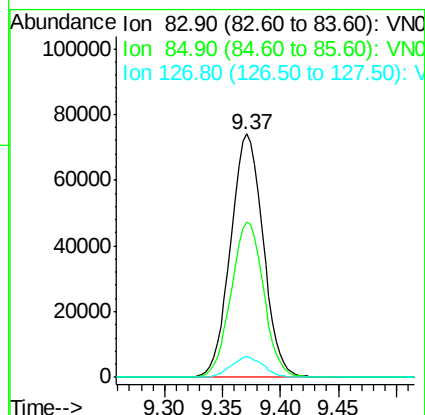
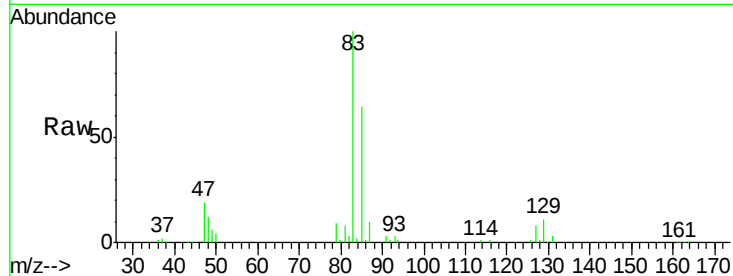
#47
Bromodichloromethane
Concen: 47.959 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. -0.00 min
Lab File: VN063143.D
Acq: 26 Aug 2020 19:23

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-498-500MS

Tot Ion	83	Resp	143777
Ion Ratio	100		
Lower	51.1		
Upper	76.7		
85	63.6		
127	8.3		

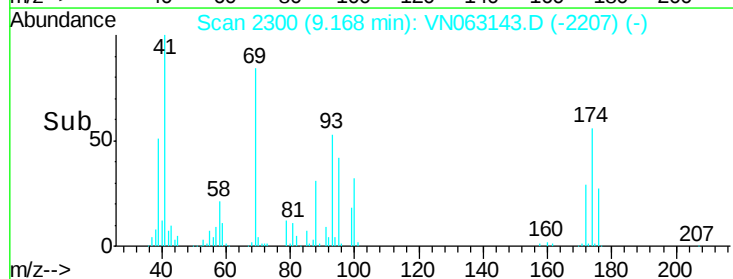
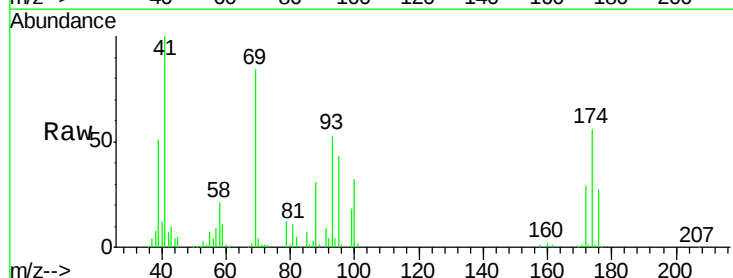
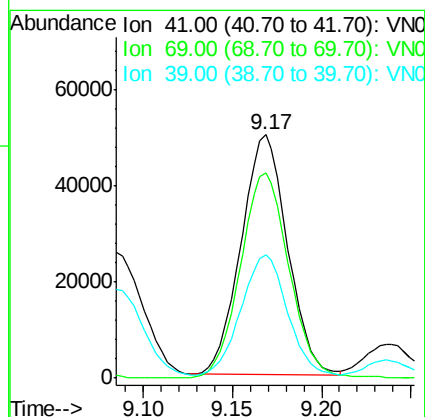
Manual Integrations
APPROVED

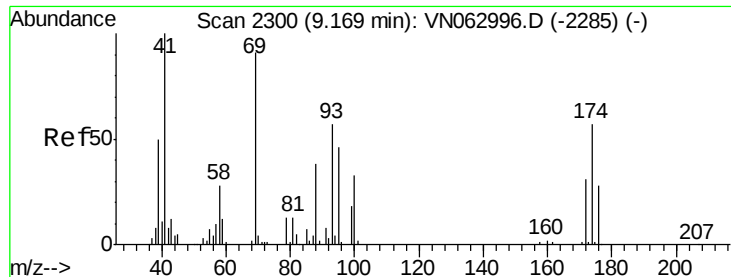
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#48
Methyl methacrylate
Concen: 48.036 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.00 min
Lab File: VN063143.D
Acq: 26 Aug 2020 19:23

Tgt Ion	41	Resp	91183
Ion Ratio	100		
Lower	74.2		
Upper	111.4		
69	89.4		
39	52.6		





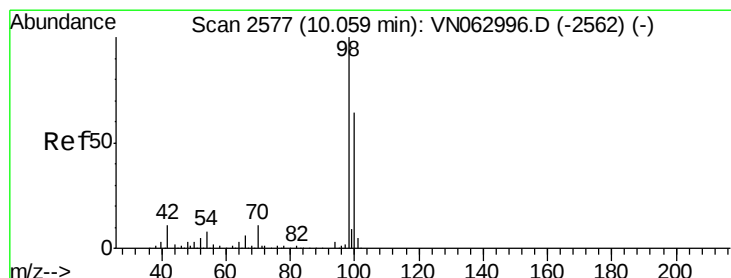
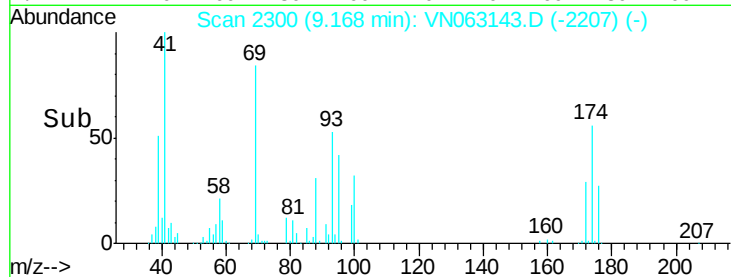
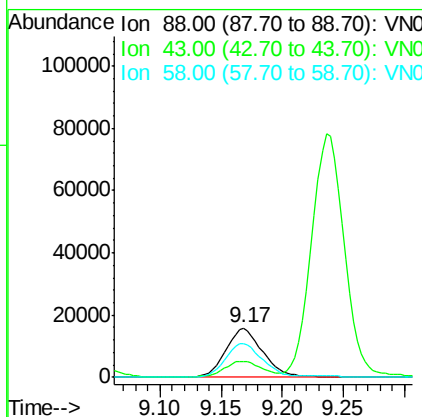
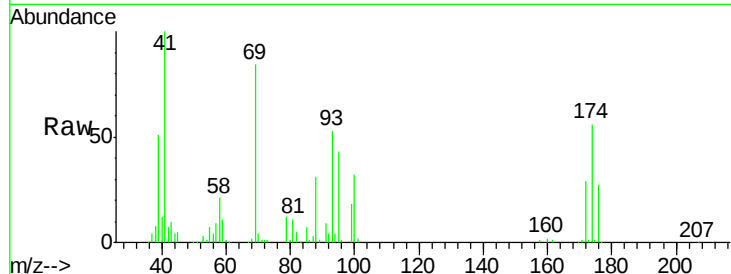
#49
1,4-Dioxane
Concen: 805.681 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN063143.D
Acq: 26 Aug 2020 19:23

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-498-500MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.9	25.2	37.8
58	68.3	56.7	85.1

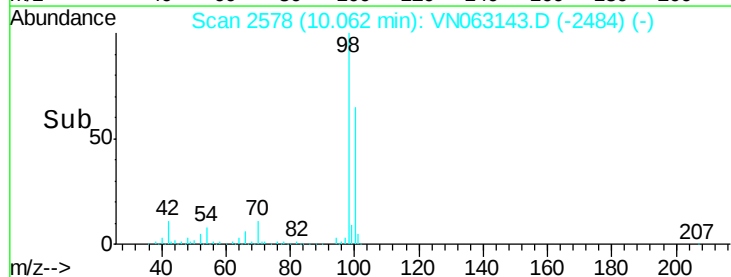
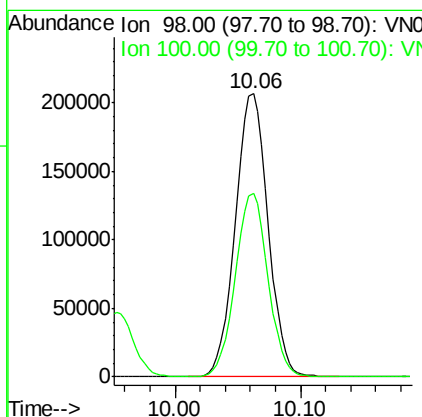
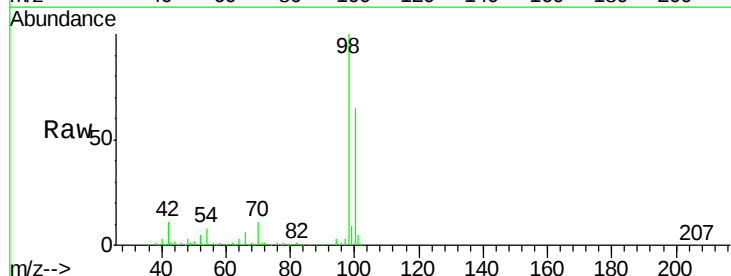
Manual Integrations
APPROVED

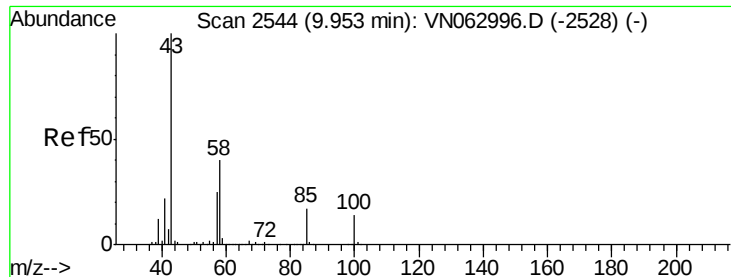
MMDadoda
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#50
Toluene-d8
Concen: 51.083 ug/l
RT: 10.06 min Scan# 2578
Delta R.T. 0.00 min
Lab File: VN063143.D
Acq: 26 Aug 2020 19:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 232.020 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN063143.D

Acq: 26 Aug 2020 19:23

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-498-500MS

Tot Ion: 43 Resp: 588369

Ion Ratio Lower Upper

43 100

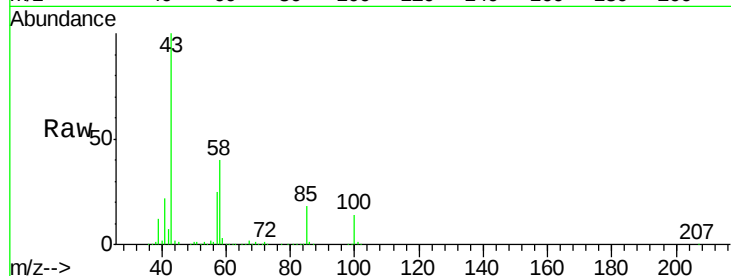
58 40.0 32.2 48.2

Manual Integrations

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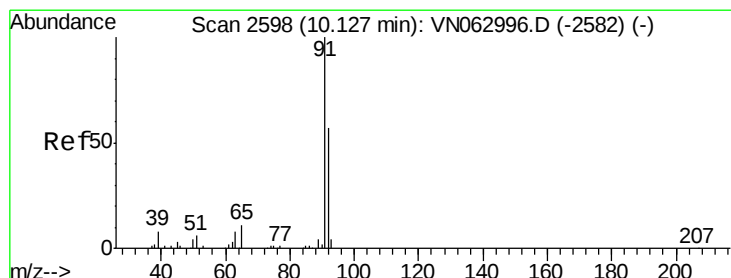
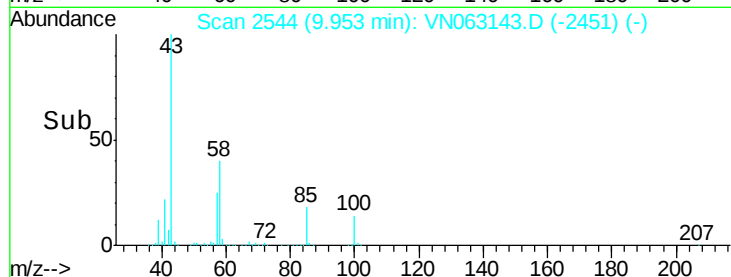
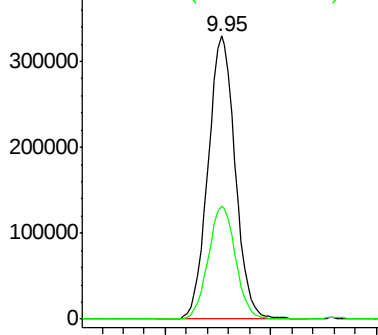
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 47.905 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VN063143.D

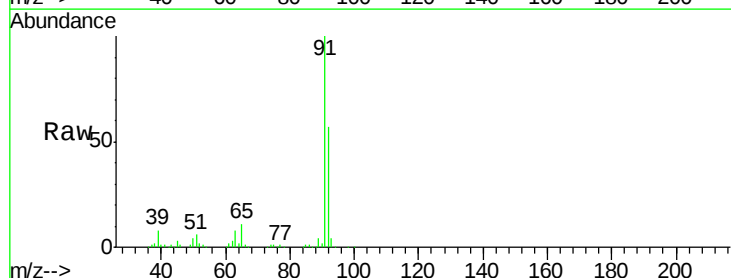
Acq: 26 Aug 2020 19:23

Tgt Ion: 92 Resp: 236872

Ion Ratio Lower Upper

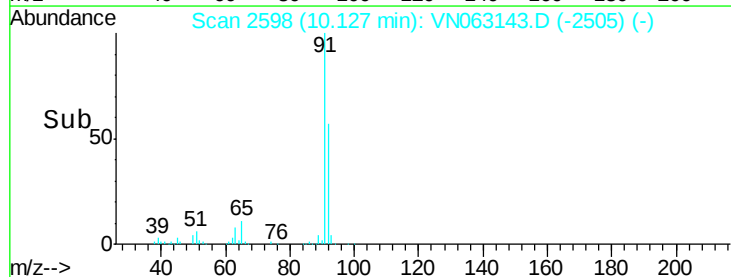
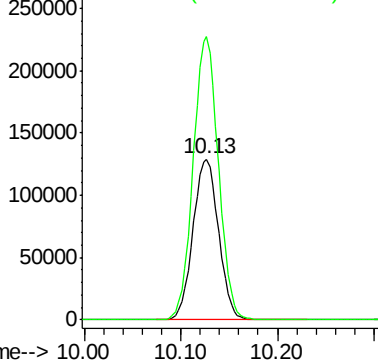
92 100

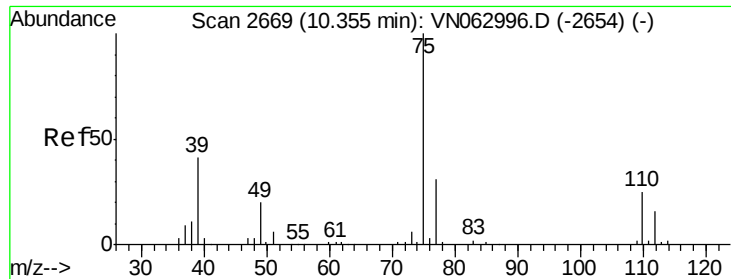
91 173.7 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





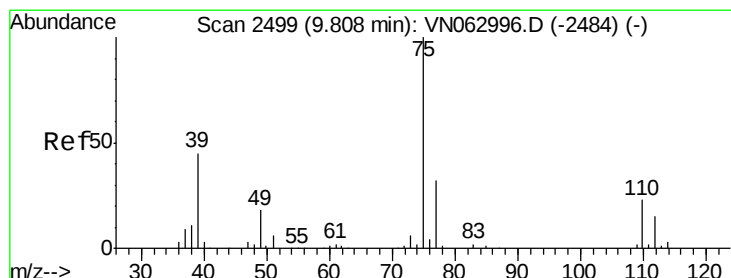
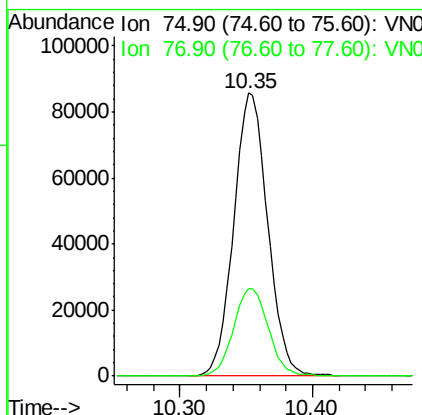
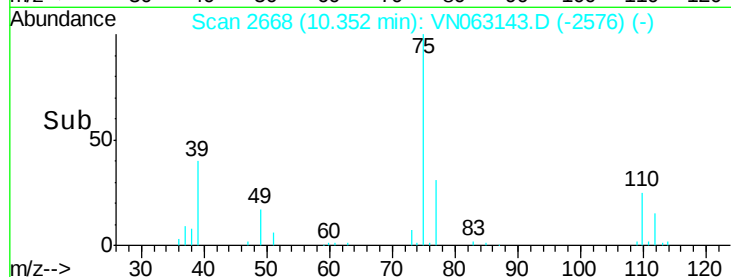
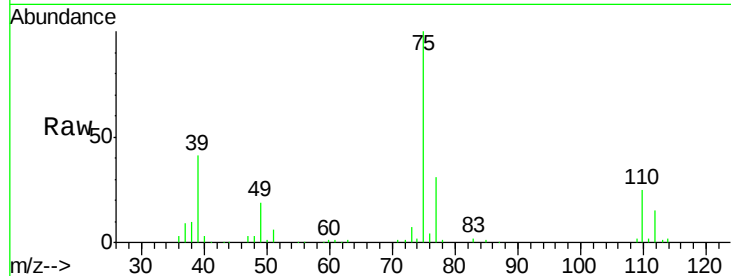
#53
t-1,3-Dichloropropene
Concen: 49.207 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN063143.D
Acq: 26 Aug 2020 19:23

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-498-500MS

Tot Ion: 75 Resp: 152551
Ion Ratio Lower Upper
75 100
77 31.1 24.6 37.0

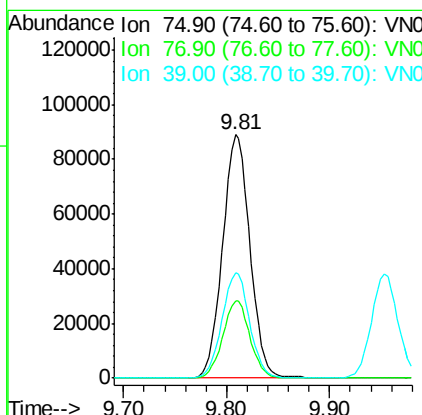
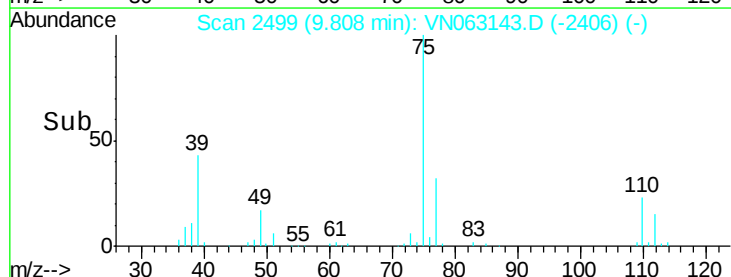
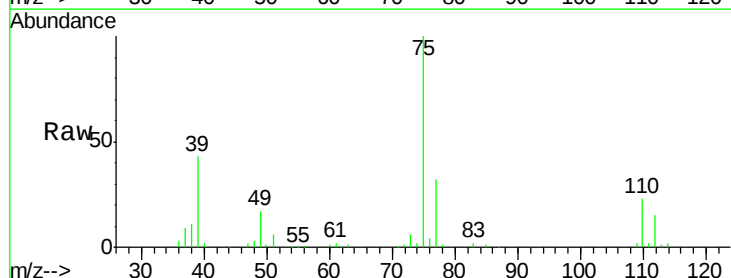
Manual Integrations
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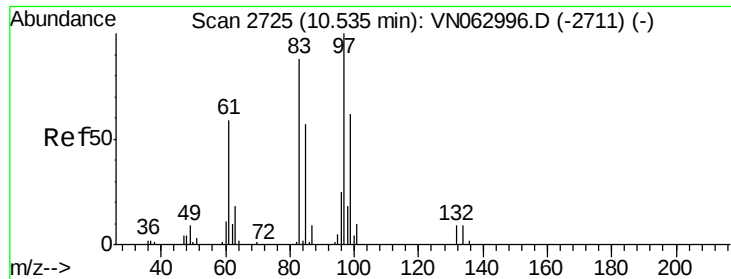
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 48.397 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN063143.D
Acq: 26 Aug 2020 19:23

Tgt Ion: 75 Resp: 164591
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2
39 43.1 35.7 53.5





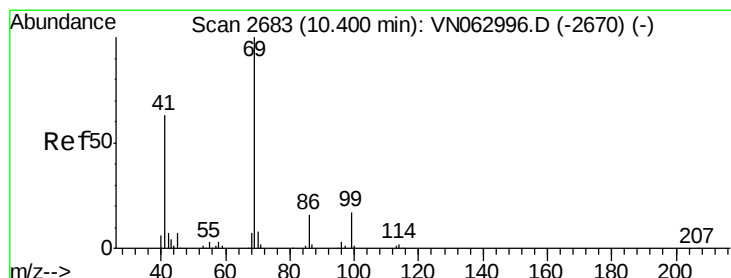
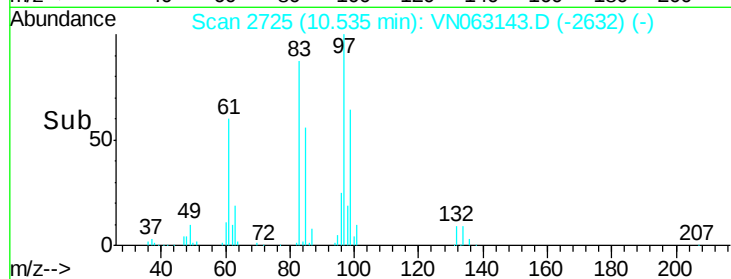
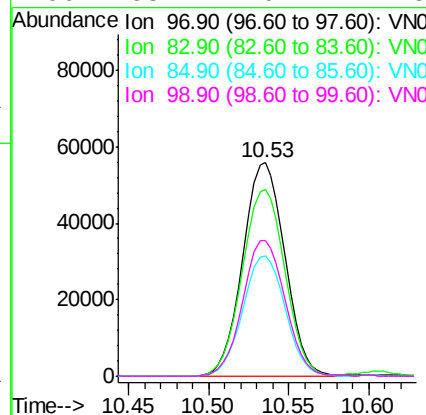
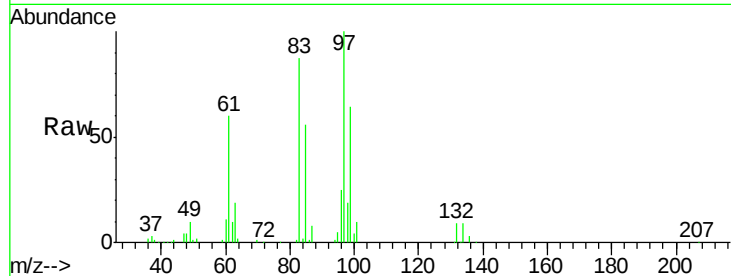
#55
 1,1,2-Trichloroethane
 Concen: 47.452 ug/l
 RT: 10.53 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN063143.D
 Acq: 26 Aug 2020 19:23

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-498-500MS

Tot Ion	97	Resp	100325
Ion	Ratio	Lower	Upper
97	100		
83	87.4	70.5	105.7
85	56.2	45.8	68.6
99	63.7	49.7	74.5

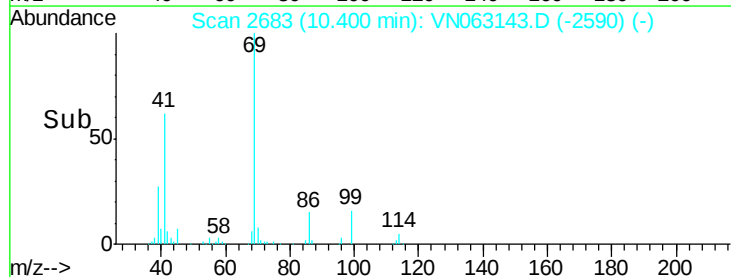
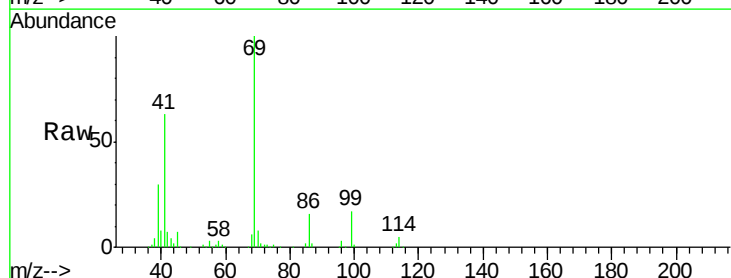
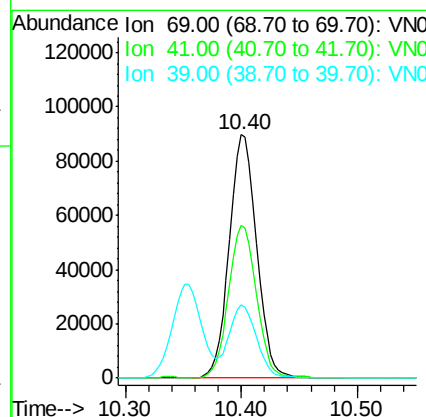
Manual Integrations
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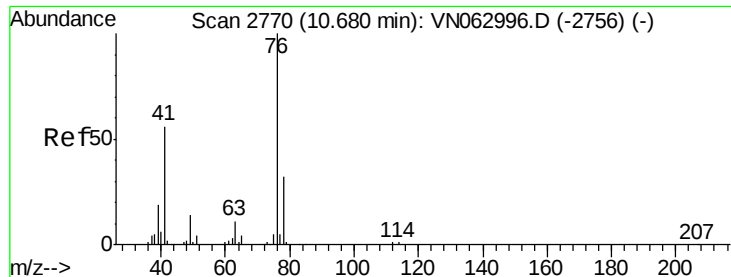
MMDadoda
 8/27/2020 1:28:26 PM



#56
 Ethyl methacrylate
 Concen: 45.061 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN063143.D
 Acq: 26 Aug 2020 19:23

Tgt Ion	69	Resp	146562
Ion	Ratio	Lower	Upper
69	100		
41	63.2	50.2	75.2
39	30.3	24.2	36.4





#57

1,3-Dichloropropane

Concen: 47.830 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN063143.D

Acq: 26 Aug 2020 19:23

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-498-500MS

Tot Ion: 76 Resp: 167923

Ion Ratio Lower Upper

76 100

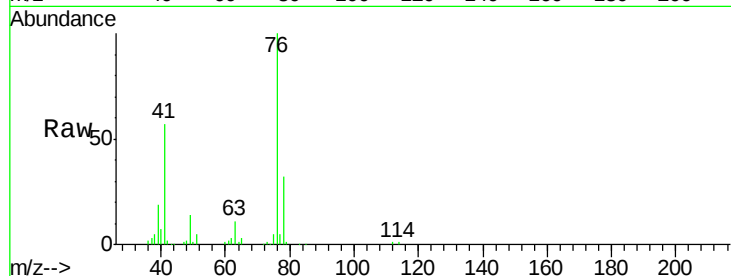
78 32.0 26.1 39.1

Manual Integrations

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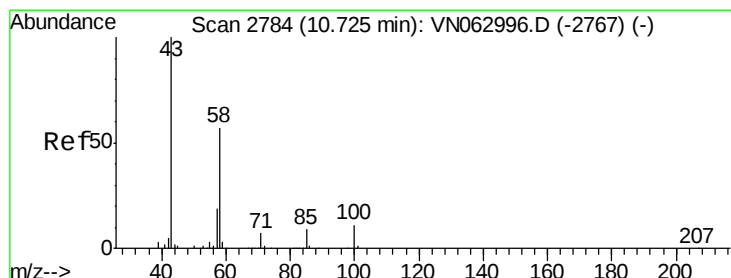
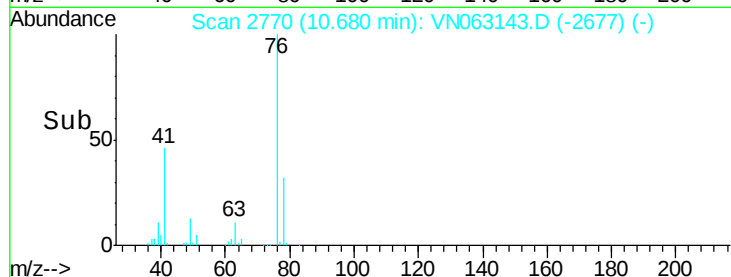
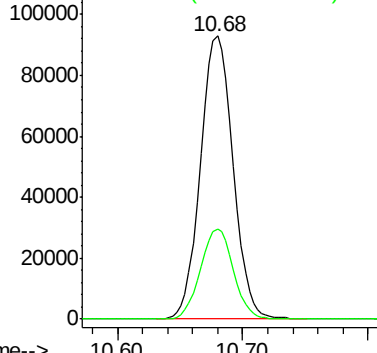
MMDadoda

8/27/2020 1:28:26 PM



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 233.613 ug/l

RT: 10.72 min Scan# 2784

Delta R.T. -0.00 min

Lab File: VN063143.D

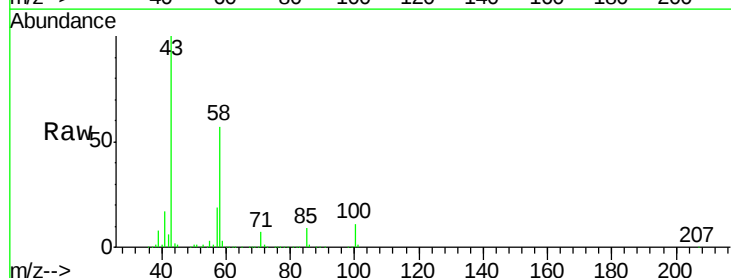
Acq: 26 Aug 2020 19:23

Tgt Ion: 43 Resp: 413220

Ion Ratio Lower Upper

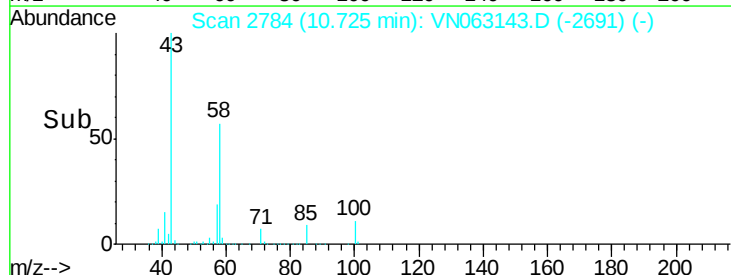
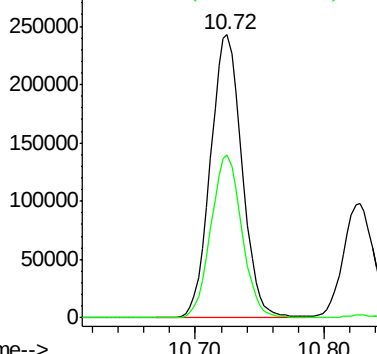
43 100

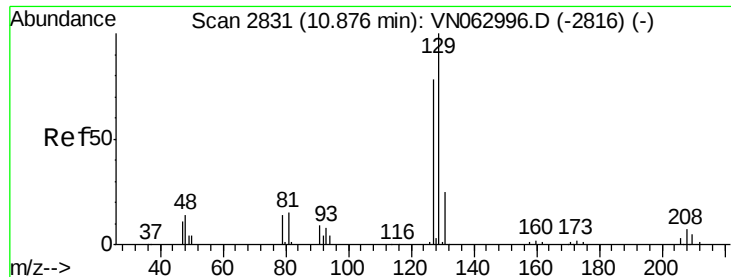
58 56.7 28.1 84.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





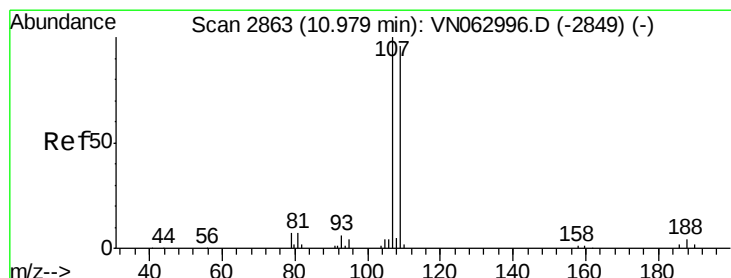
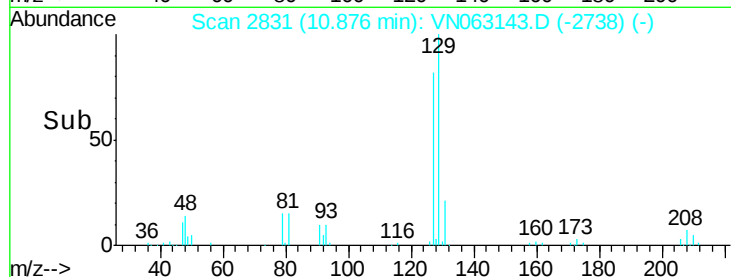
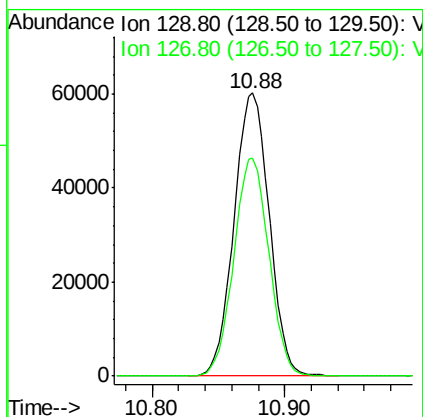
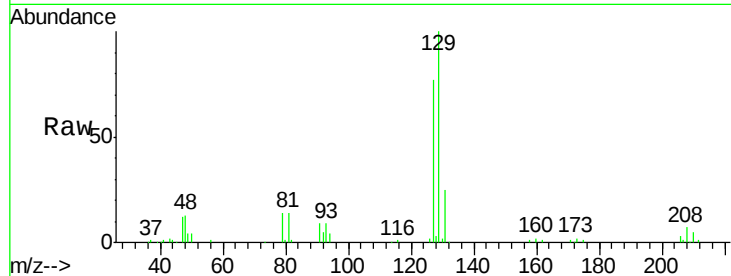
#60
Dibromochloromethane
Concen: 47.519 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. -0.00 min
Lab File: VN063143.D
Acq: 26 Aug 2020 19:23

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-498-500MS

Tot Ion	Ratio	Lower	Upper
129	100		
127	76.6	38.4	115.2

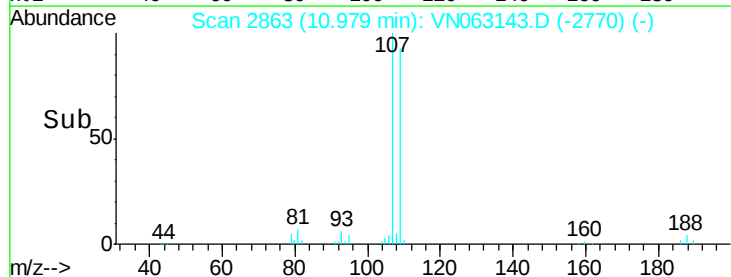
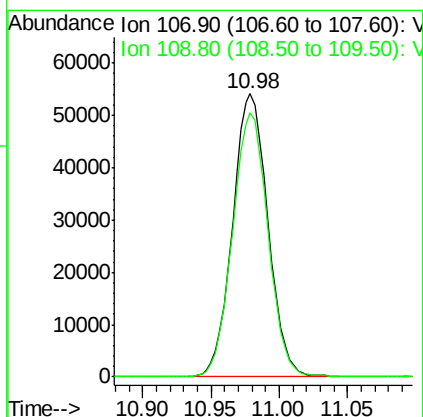
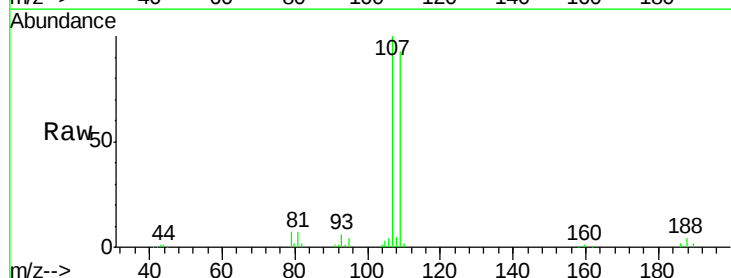
Manual Integrations
APPROVED

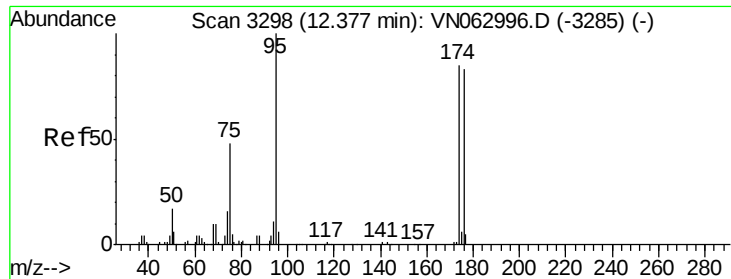
MMDadoda
8/27/2020 1:28:26 PM



#61
1,2-Dibromoethane
Concen: 47.826 ug/l
RT: 10.98 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VN063143.D
Acq: 26 Aug 2020 19:23

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.7	113.5





#62

4-Bromofluorobenzene

Concen: 52.042 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN063143.D

Acq: 26 Aug 2020 19:23

Instrument :

MSVOA_N

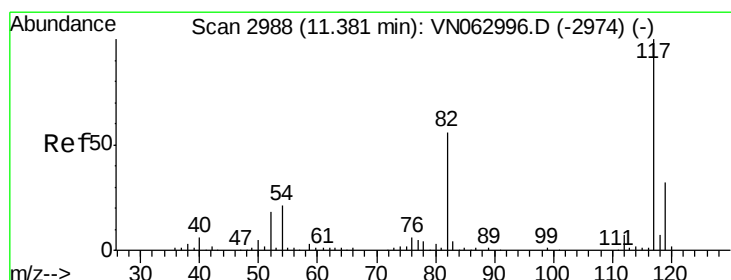
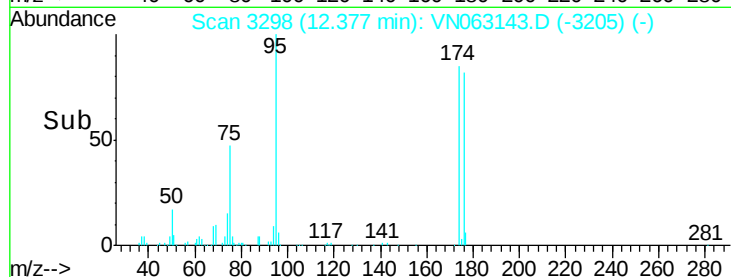
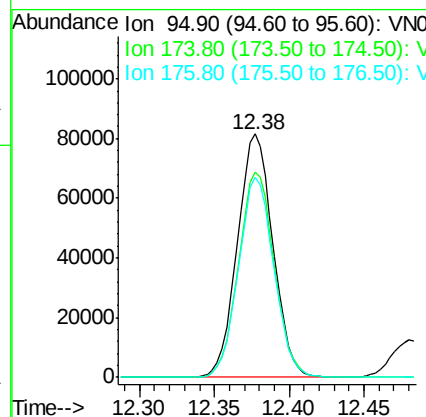
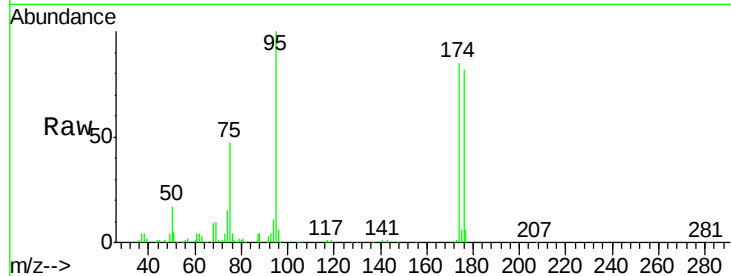
ClientSampleId :

BP-VPB181-GW-498-500MS

Tot Ion:	95	Resp:	134794
Ion Ratio	Lower	Upper	
95	100		
174	85.1	0.0	170.8
176	82.1	0.0	164.8

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

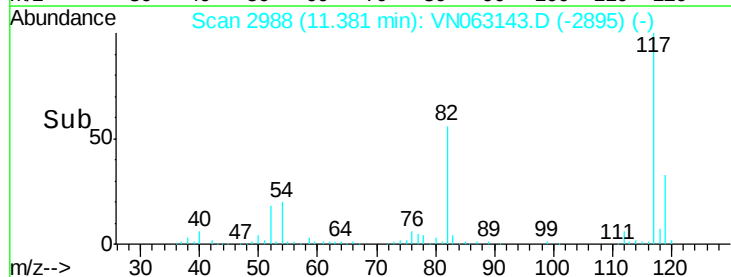
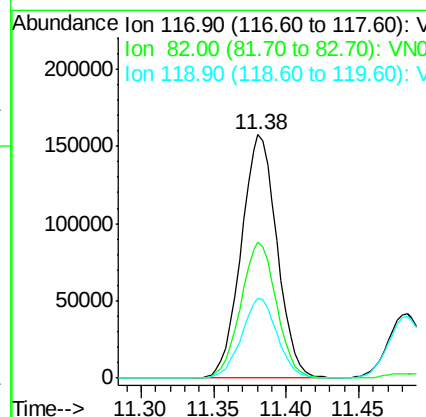
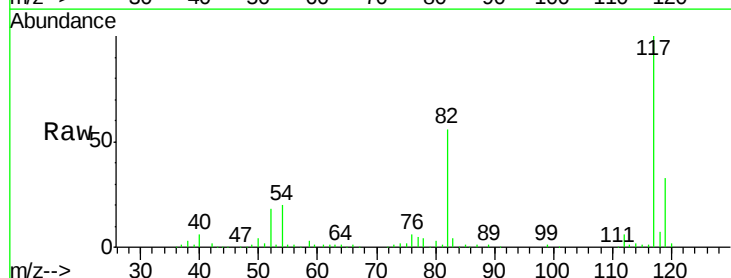
RT: 11.38 min Scan# 2988

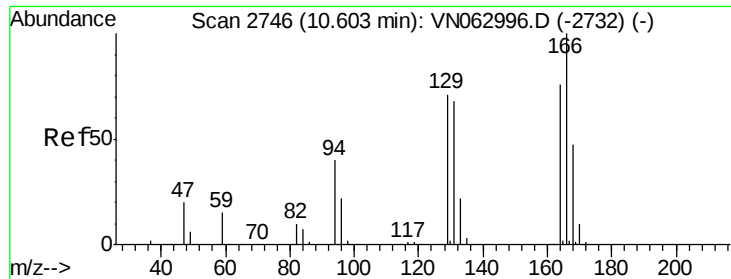
Delta R.T. -0.00 min

Lab File: VN063143.D

Acq: 26 Aug 2020 19:23

Tgt Ion:	117	Resp:	269859
Ion Ratio	Lower	Upper	
117	100		
82	55.9	44.5	66.7
119	33.0	25.5	38.3





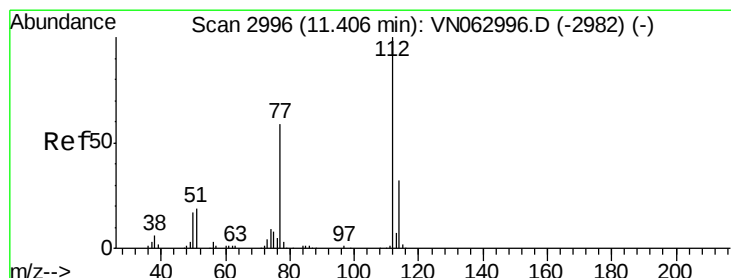
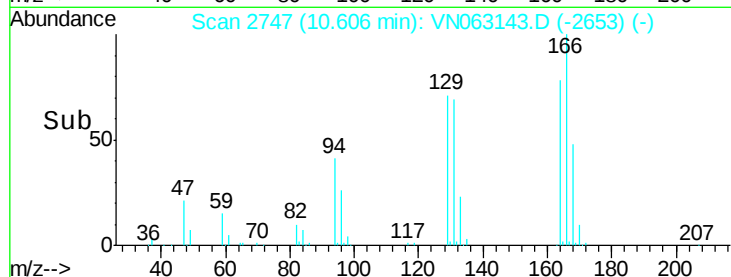
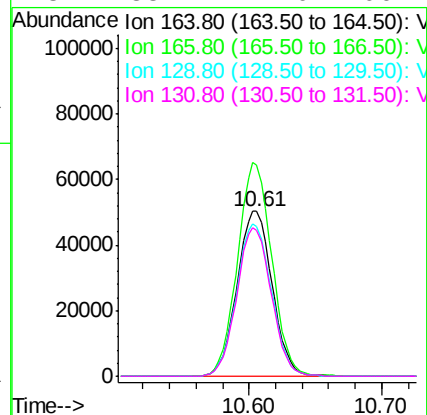
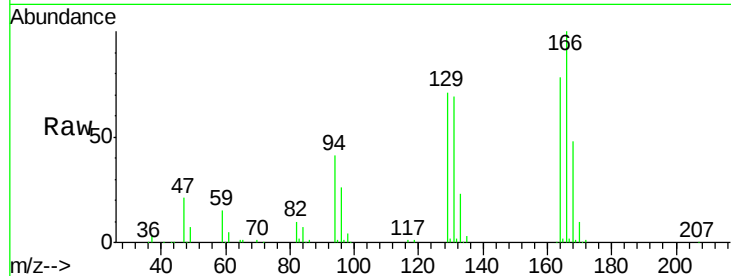
#64
Tetrachloroethene
Concen: 52.174 ug/l
RT: 10.61 min Scan# 2747
Delta R.T. 0.00 min
Lab File: VN063143.D
Acq: 26 Aug 2020 19:23

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-498-500MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.1	105.0	157.6
129	90.5	74.7	112.1
131	88.4	71.0	106.4

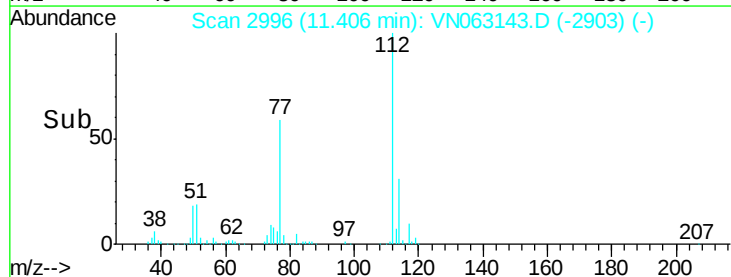
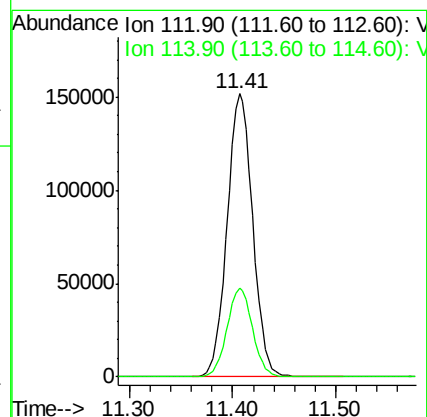
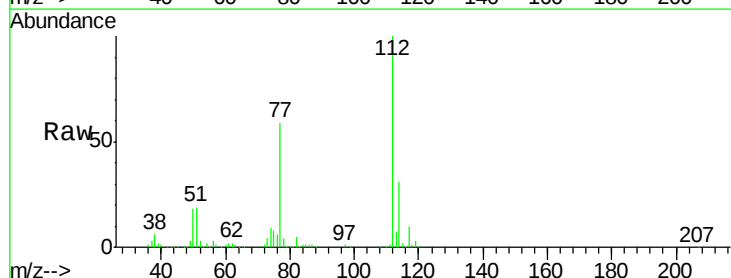
Manual Integrations
APPROVED

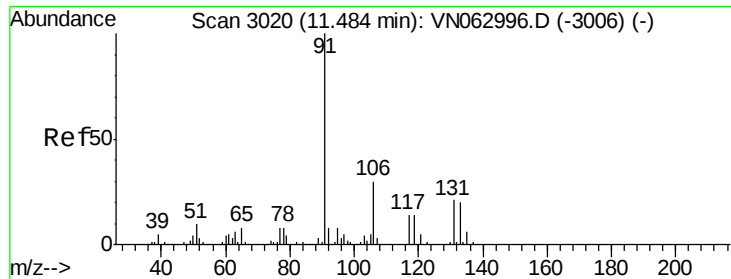
MMDadoda
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#65
Chlorobenzene
Concen: 48.279 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN063143.D
Acq: 26 Aug 2020 19:23

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.3	37.9





#66

1,1,1,2-Tetrachloroethane

Concen: 49.055 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN063143.D

Acq: 26 Aug 2020 19:23

Instrument :

MSVOA_N

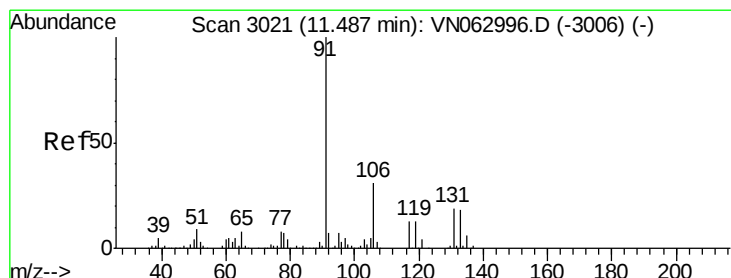
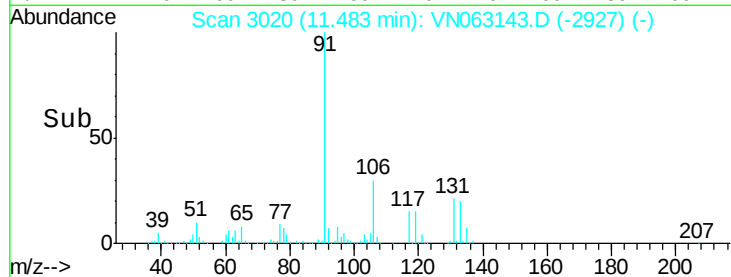
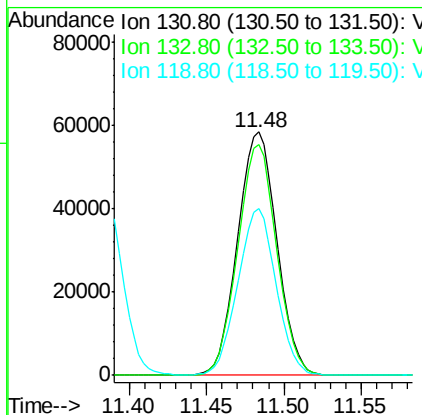
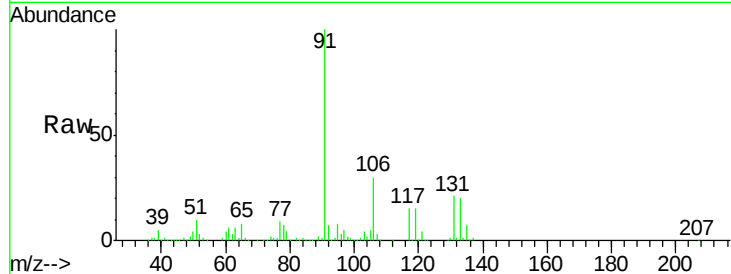
ClientSampleId :

BP-VPB181-GW-498-500MS

Tot Ion:	131	Resp:	103410
Ion Ratio	Lower	Upper	
131	100		
133	93.9	47.5	142.6
119	67.1	33.1	99.3

Manual Integrations
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#67

Ethyl Benzene

Concen: 50.189 ug/l

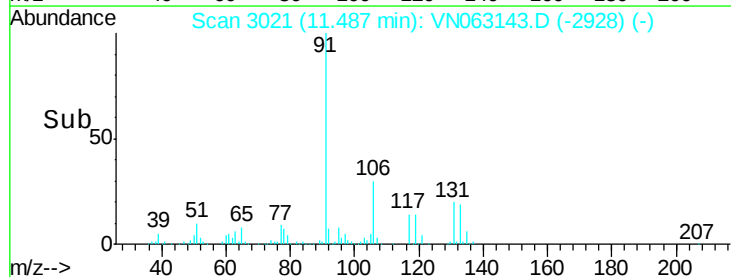
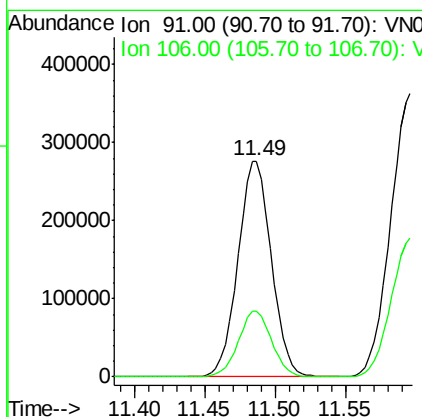
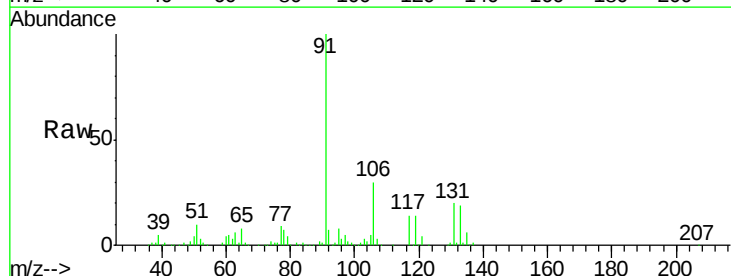
RT: 11.49 min Scan# 3021

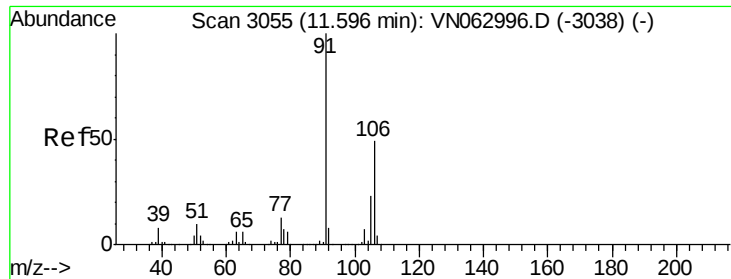
Delta R.T. -0.00 min

Lab File: VN063143.D

Acq: 26 Aug 2020 19:23

Tgt Ion:	91	Resp:	459621
Ion Ratio	Lower	Upper	
91	100		
106	30.4	24.6	37.0





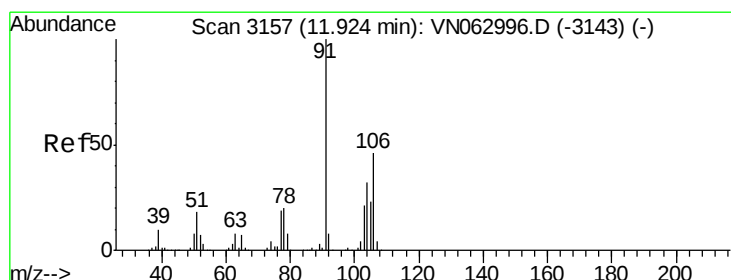
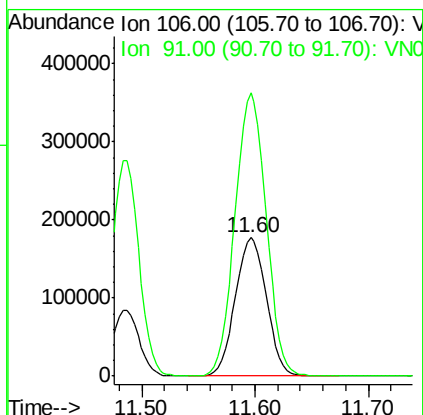
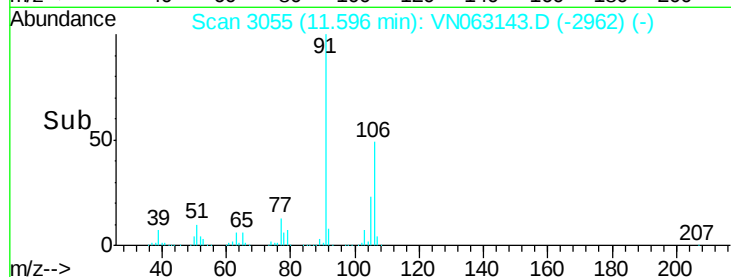
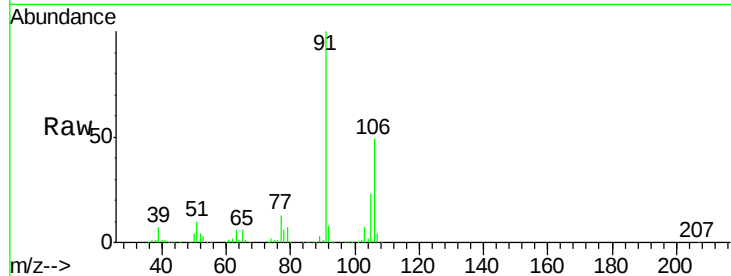
#68
m/p-Xvlenes
Concen: 99.839 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN063143.D
Acq: 26 Aug 2020 19:23

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-498-500MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	205.1	163.0	244.4		

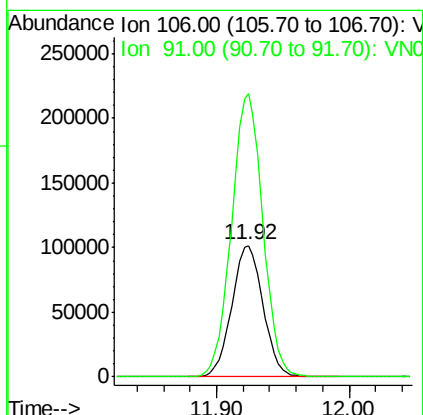
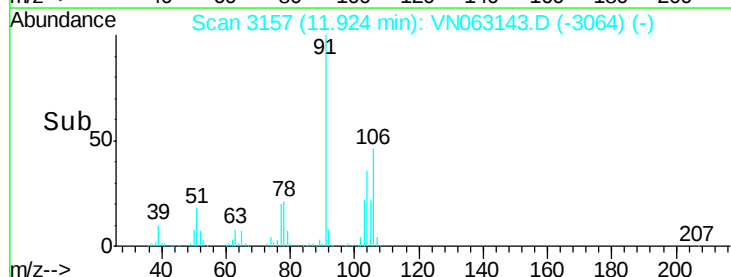
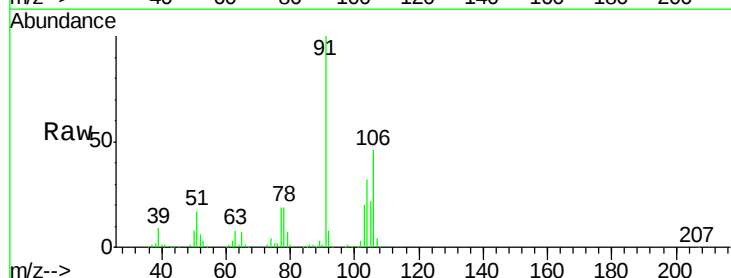
Manual Integrations
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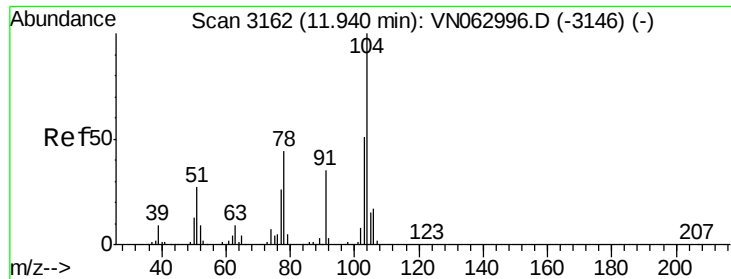
MMDadoda
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#69
o-Xylene
Concen: 50.908 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. -0.00 min
Lab File: VN063143.D
Acq: 26 Aug 2020 19:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	215.5	107.3	321.9		





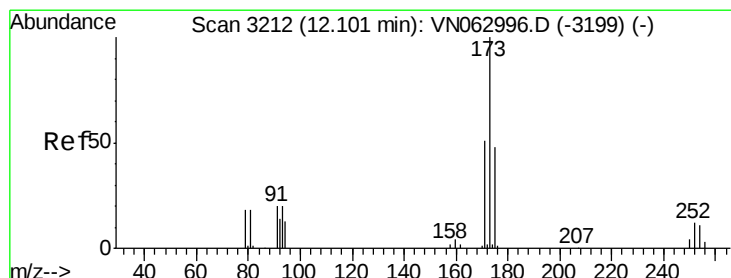
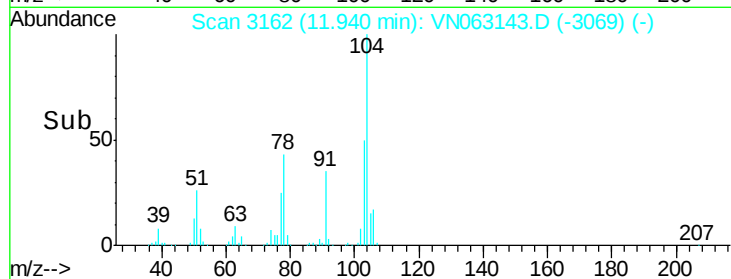
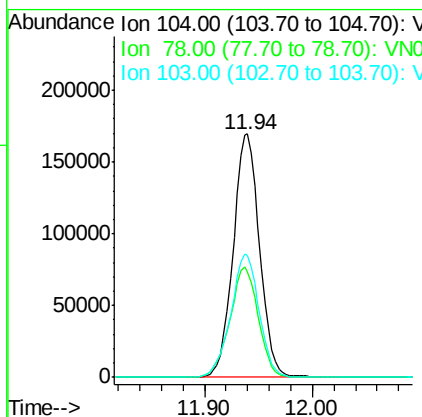
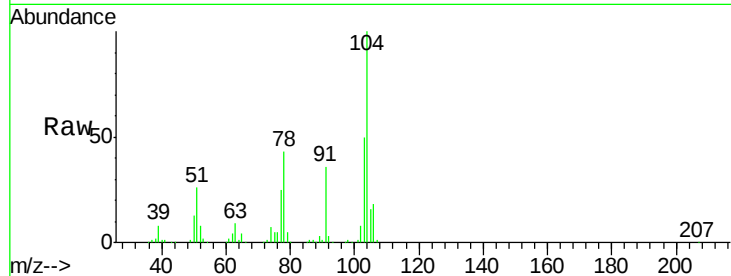
#70
Stvrene
Concen: 44.796 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN063143.D
Acq: 26 Aug 2020 19:23

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-498-500MS

Tot Ion	Ratio	Resp	Lower	Upper
104	100	289205		
78	49.1		39.0	58.6
103	54.4		44.3	66.5

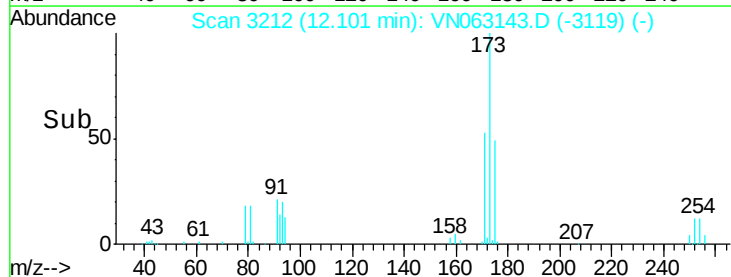
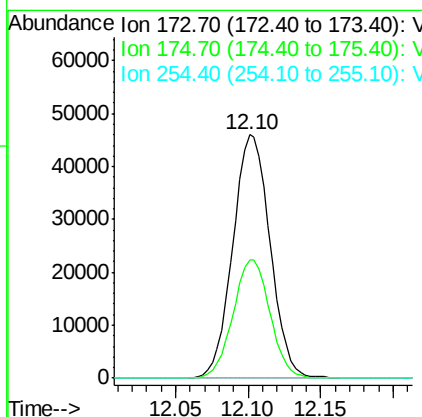
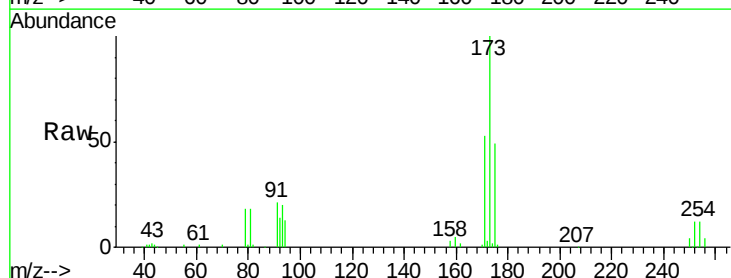
Manual Integrations
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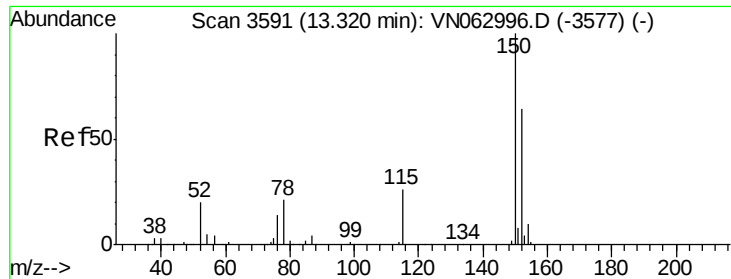
MMDadoda
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#71
Bromoform
Concen: 48.911 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN063143.D
Acq: 26 Aug 2020 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	82070		
175	48.0		24.3	72.8
254	0.0		0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN063143.D

Acq: 26 Aug 2020 19:23

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-498-500MS

Tot Ion:152 Resp: 130896

Ion Ratio Lower Upper

152 100

115 58.3 28.7 86.3

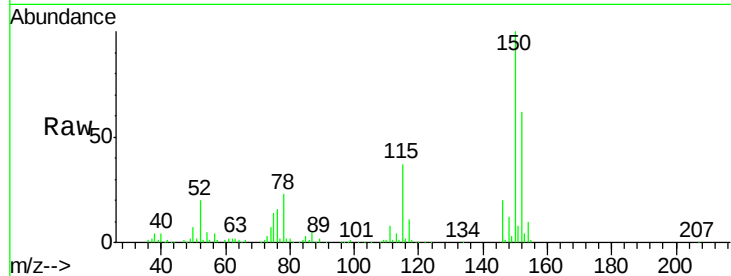
150 174.0 0.0 348.8

Manual Integrations

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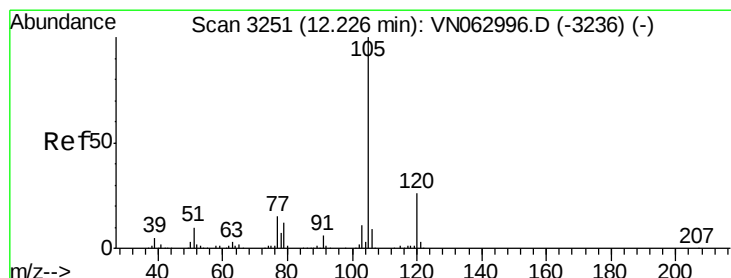
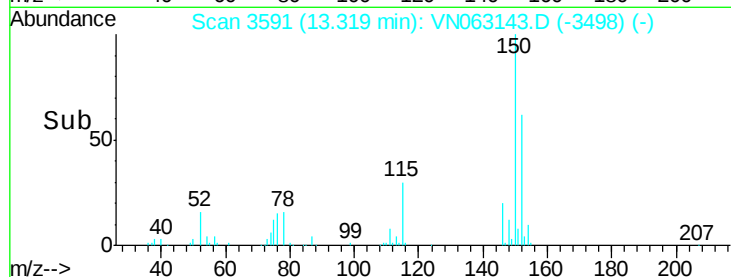
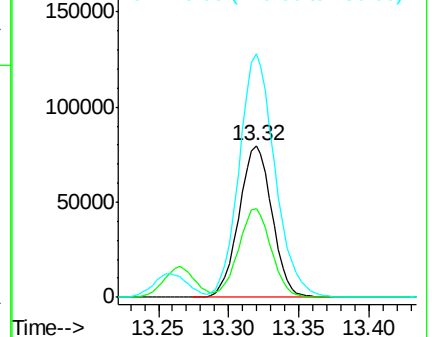
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 48.720 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. -0.00 min

Lab File: VN063143.D

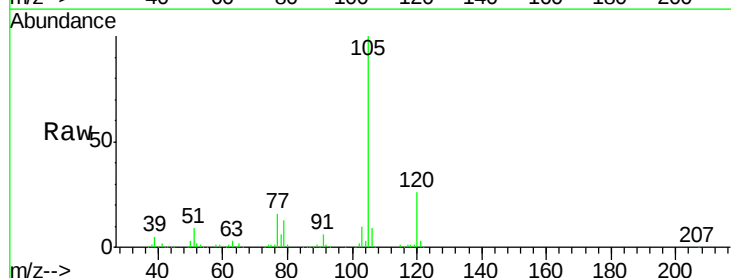
Acq: 26 Aug 2020 19:23

Tgt Ion:105 Resp: 436719

Ion Ratio Lower Upper

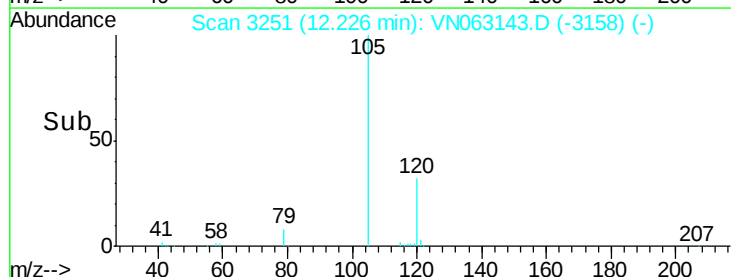
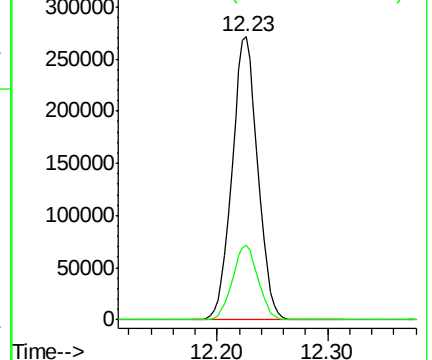
105 100

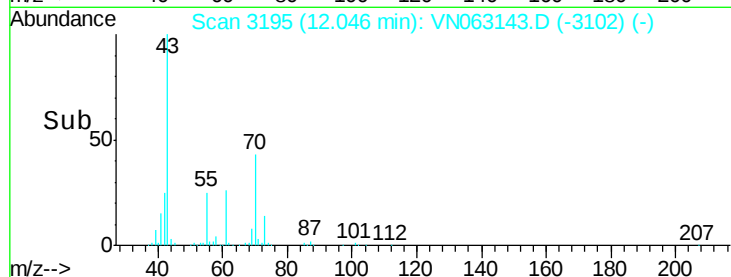
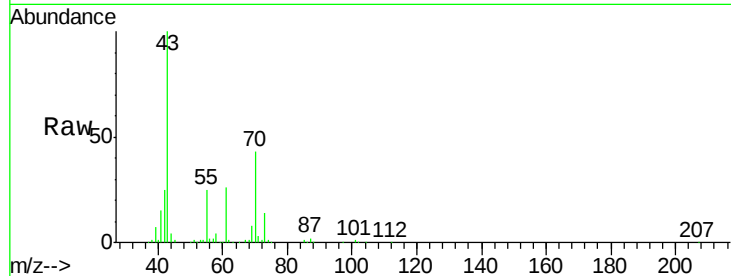
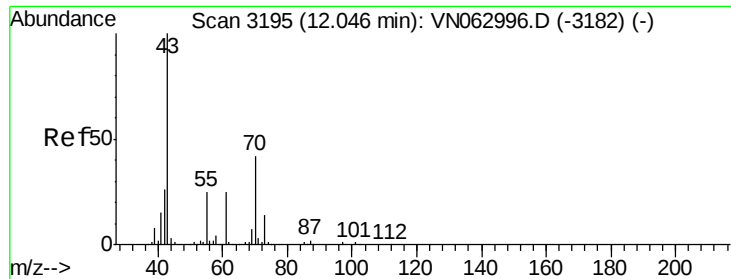
120 26.4 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 52.530 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN063143.D

Acq: 26 Aug 2020 19:23

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		168642		
70	42.8	33.4	50.0		
55	25.0	20.2	30.2		
61	25.2	19.9	29.9		

Instrument :

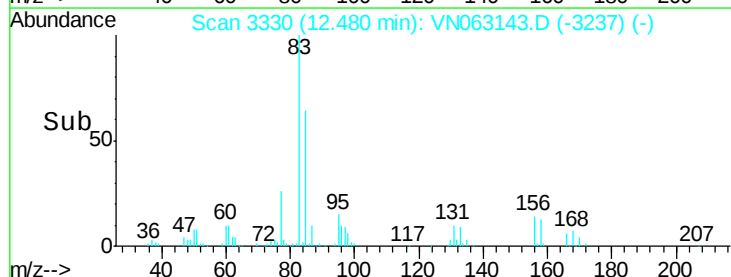
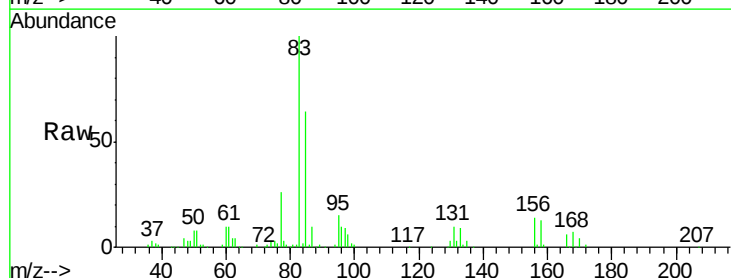
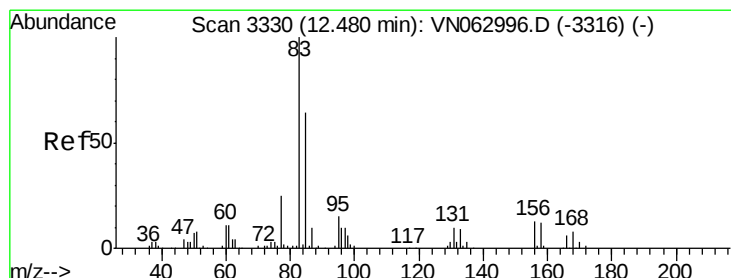
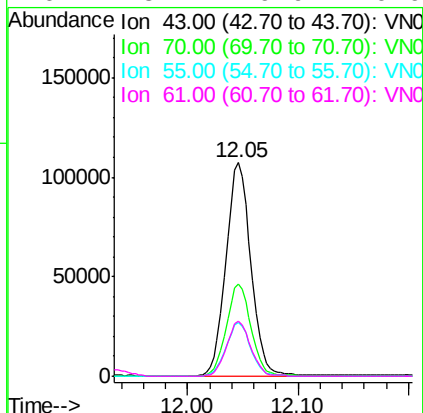
MSVOA_N

ClientSampleId :

BP-VPB181-GW-498-500MS

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 48.513 ug/l

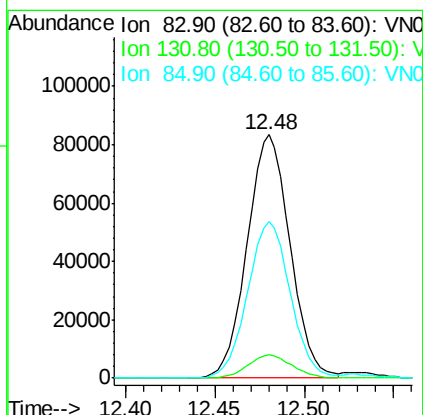
RT: 12.48 min Scan# 3330

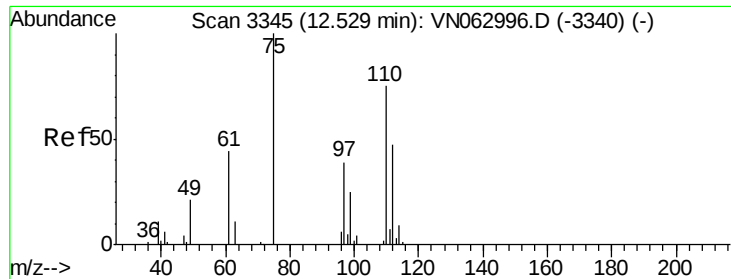
Delta R.T. 0.00 min

Lab File: VN063143.D

Acq: 26 Aug 2020 19:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		140470		
131	9.8	4.9	14.7		
85	63.8	31.9	95.5		





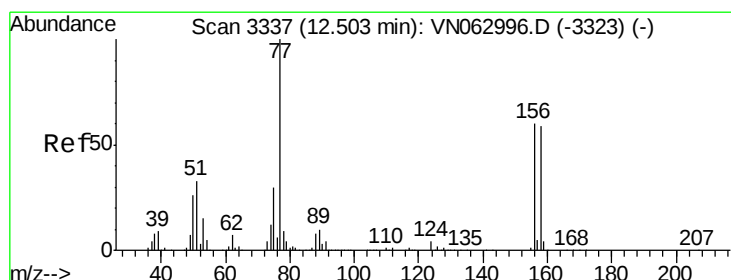
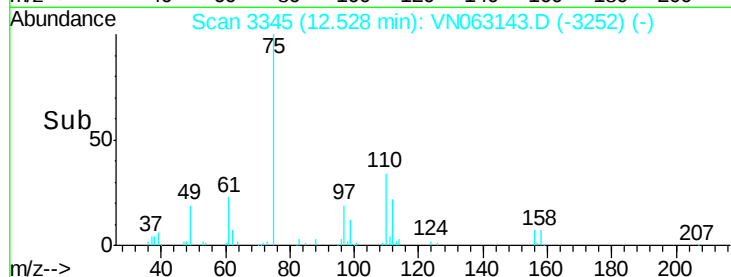
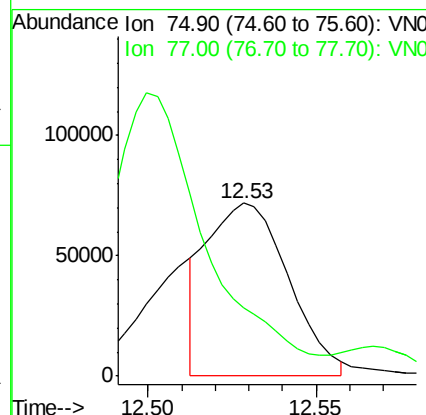
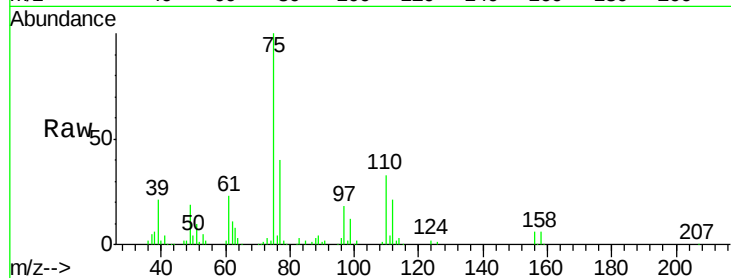
#76
 1,2,3-Trichloropropane
 Concen: 47.725 ug/l m
 RT: 12.53 min Scan# 3345
 Delta R.T. -0.00 min
 Lab File: VN063143.D
 Acq: 26 Aug 2020 19:23

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-498-500MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

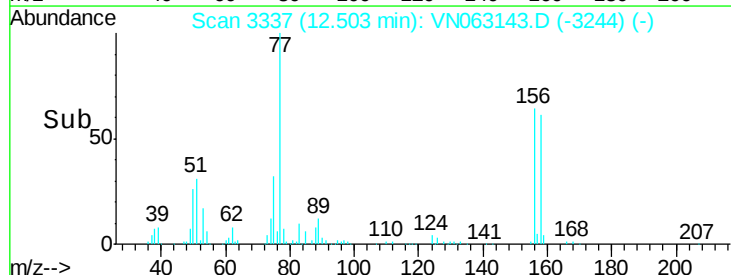
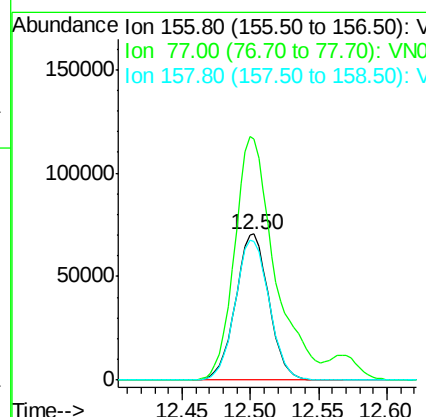
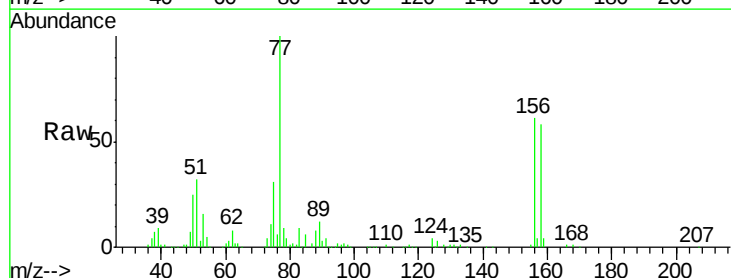
Manual Integrations
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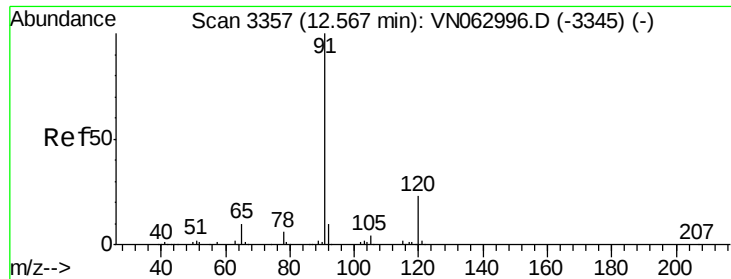
MMDadoda
 8/27/2020 1:28:26 PM



#77
 Bromobenzene
 Concen: 48.656 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. -0.00 min
 Lab File: VN063143.D
 Acq: 26 Aug 2020 19:23

Tgt Ion	Ratio	Lower	Upper
156	100		
77	199.5	101.0	302.9
158	97.8	49.4	148.0





#78

n-propylbenzene

Concen: 48.797 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN063143.D

Acq: 26 Aug 2020 19:23

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-498-500MS

Tot Ion: 91 Resp: 498563

Ion Ratio Lower Upper

91 100

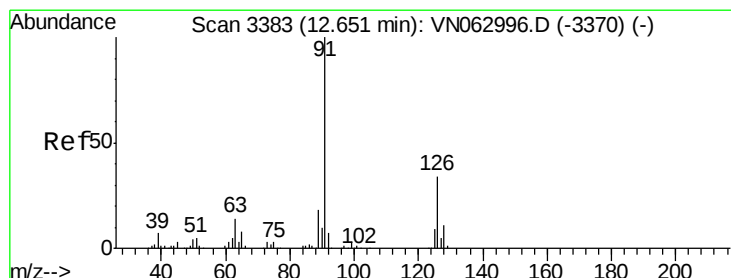
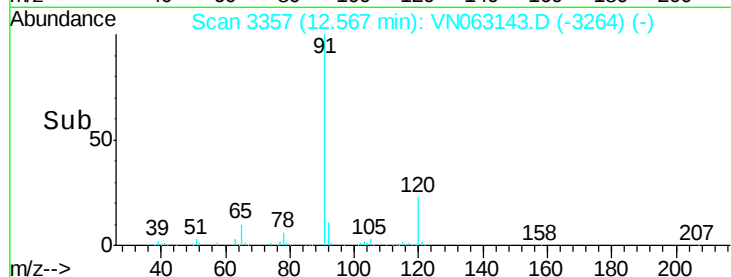
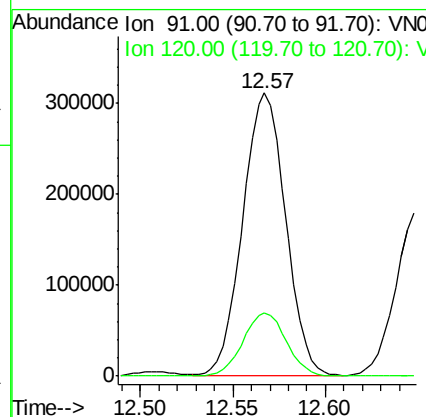
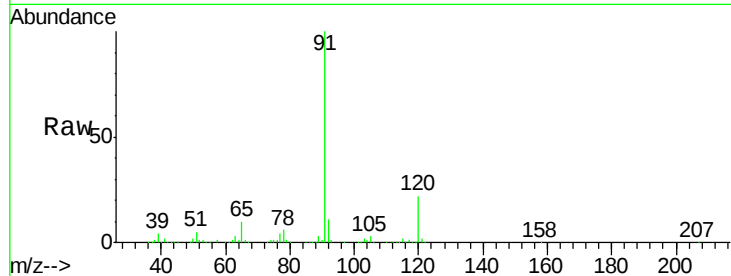
120 22.6 11.4 34.1

Manual Integrations

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#79

2-Chlorotoluene

Concen: 47.625 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN063143.D

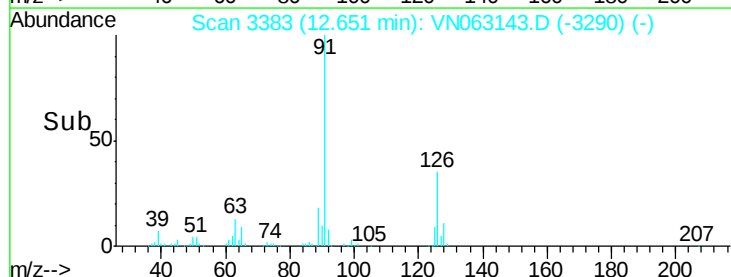
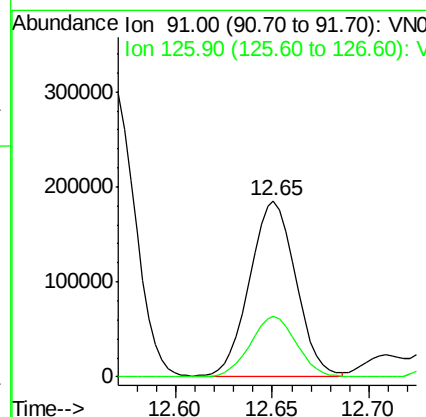
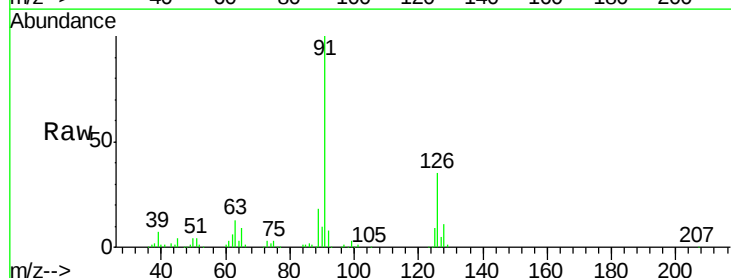
Acq: 26 Aug 2020 19:23

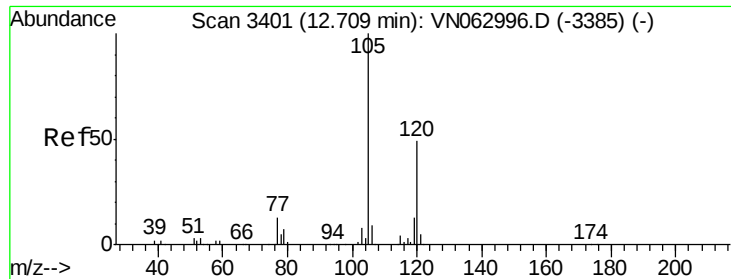
Tgt Ion: 91 Resp: 306056

Ion Ratio Lower Upper

91 100

126 34.6 17.1 51.2





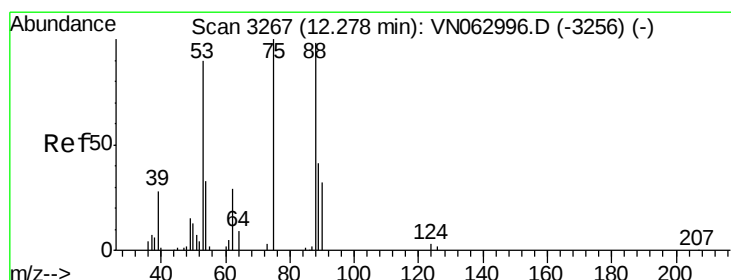
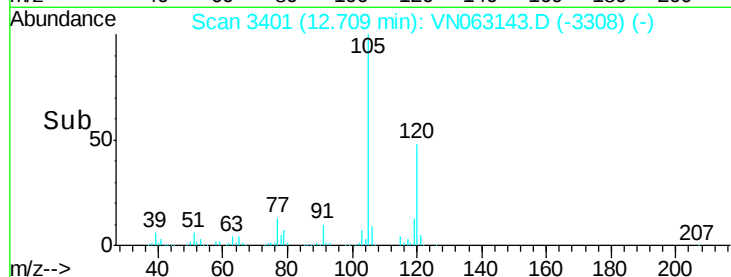
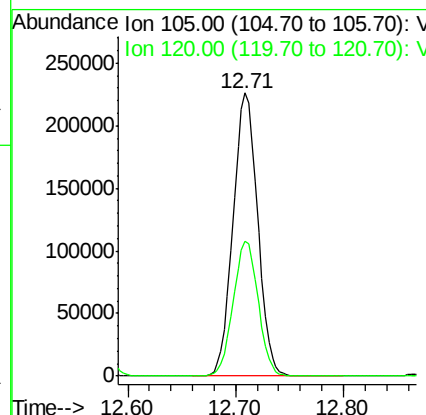
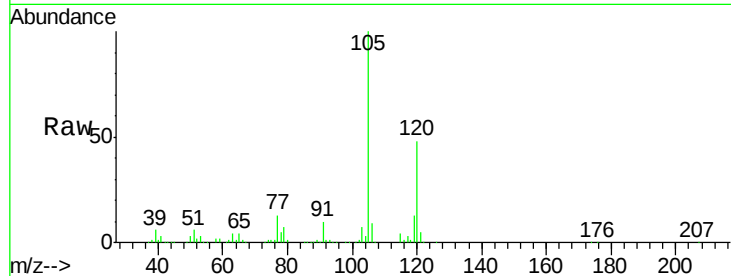
#80
 1,3,5-Trimethylbenzene
 Concen: 48.712 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN063143.D
 Acq: 26 Aug 2020 19:23

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-498-500MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	48.4	24.3	72.8

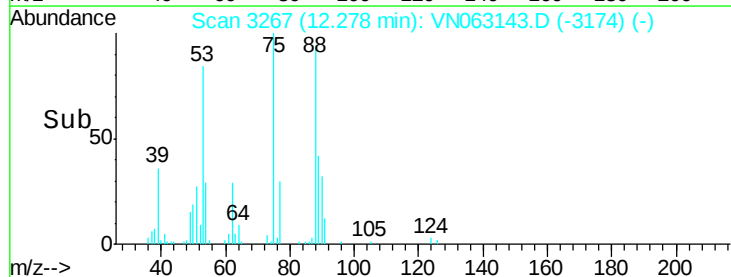
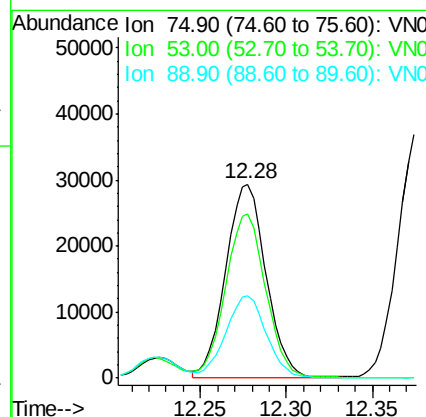
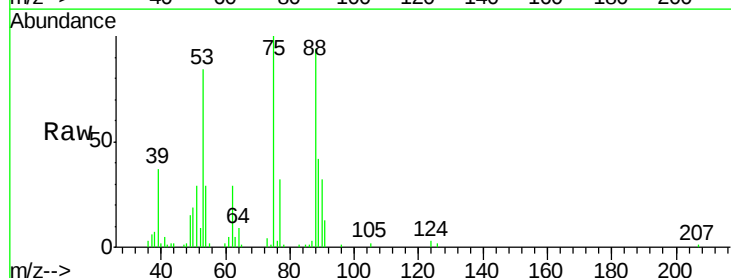
Manual Integrations
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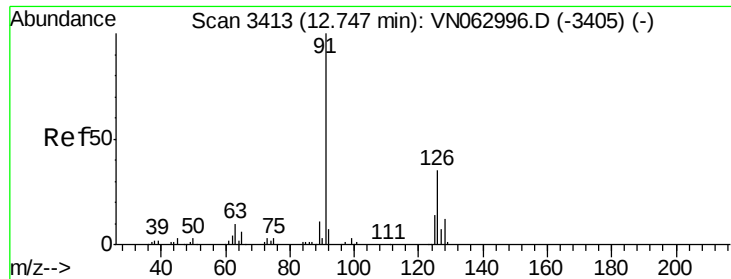
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.972 ug/l
 RT: 12.28 min Scan# 3267
 Delta R.T. -0.00 min
 Lab File: VN063143.D
 Acq: 26 Aug 2020 19:23

Tgt Ion	Ratio	Lower	Upper
75	100		
53	84.7	69.2	103.8
89	42.8	34.2	51.4





#82

4-Chlorotoluene

Concen: 49.877 ug/l

RT: 12.75 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN063143.D

Acq: 26 Aug 2020 19:23

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-498-500MS

Tot Ion: 91 Resp: 326382

Ion Ratio Lower Upper

91 100

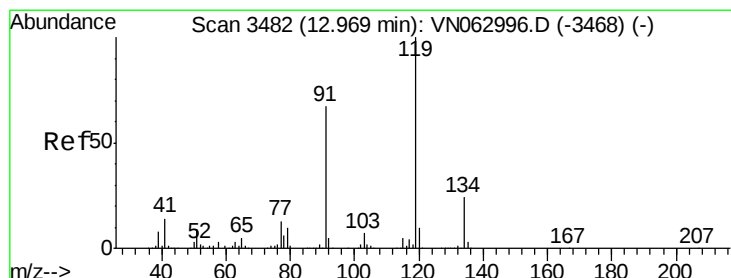
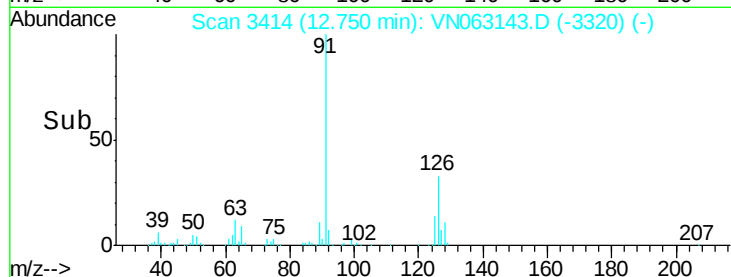
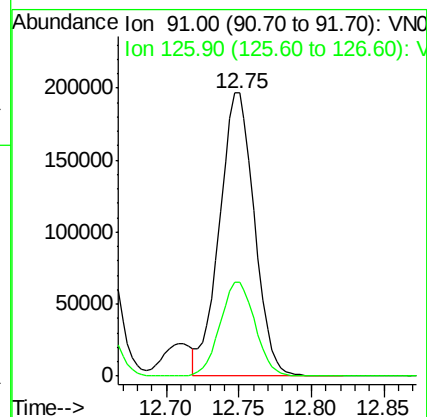
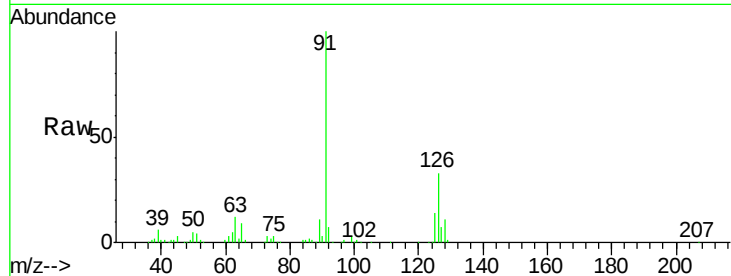
126 33.2 16.5 49.5

Manual Integrations

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#83

tert-Butylbenzene

Concen: 46.016 ug/l

RT: 12.97 min Scan# 3482

Delta R.T. -0.00 min

Lab File: VN063143.D

Acq: 26 Aug 2020 19:23

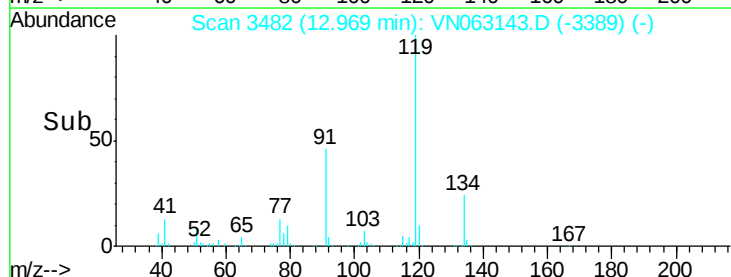
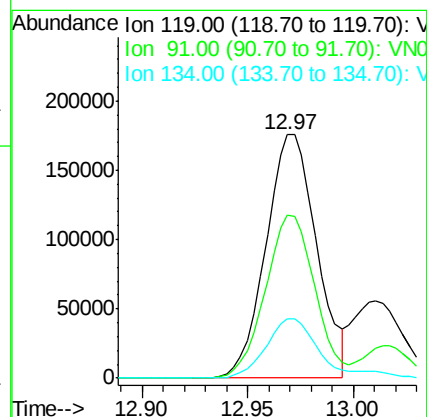
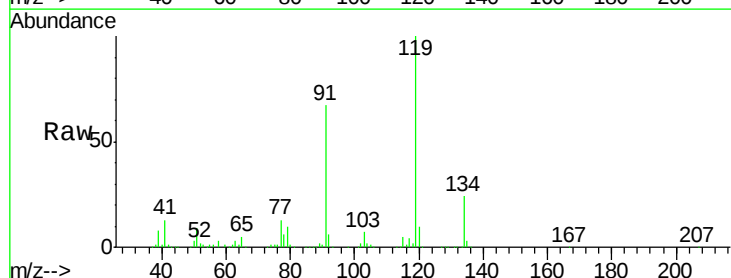
Tgt Ion: 119 Resp: 294298

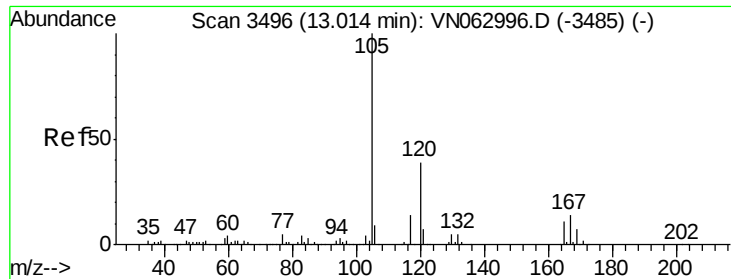
Ion Ratio Lower Upper

119 100

91 65.4 32.5 97.4

134 26.2 13.1 39.3





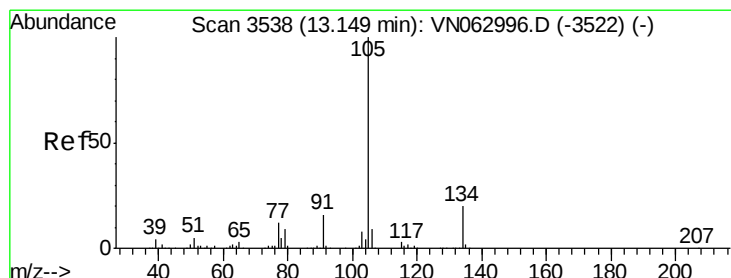
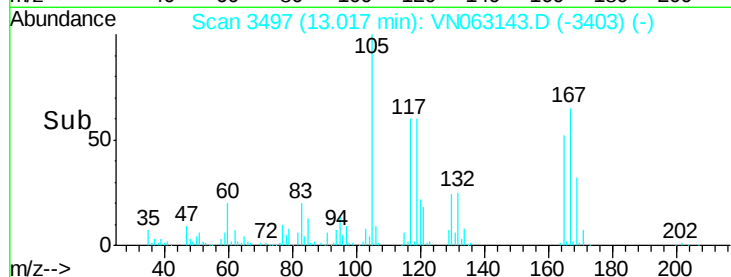
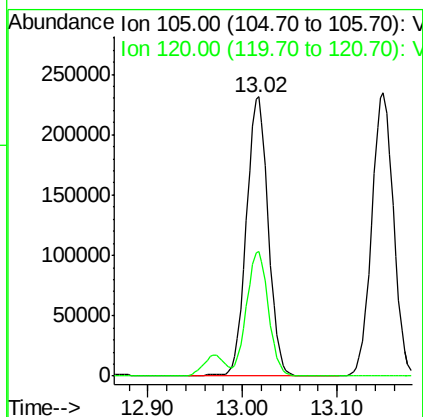
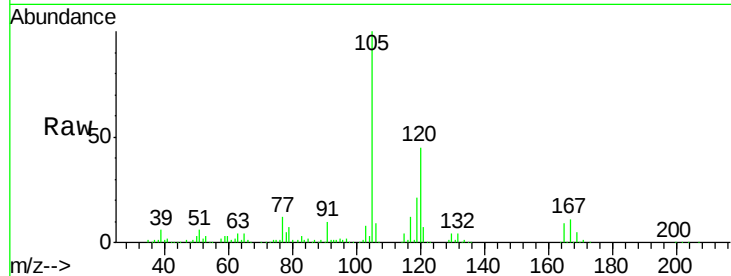
#84
1,2,4-Trimethylbenzene
Concen: 51.389 ug/l
RT: 13.02 min Scan# 3497
Delta R.T. 0.00 min
Lab File: VN063143.D
Acq: 26 Aug 2020 19:23

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-498-500MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.5	67.5

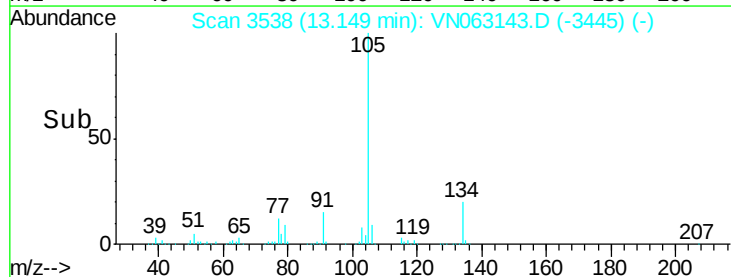
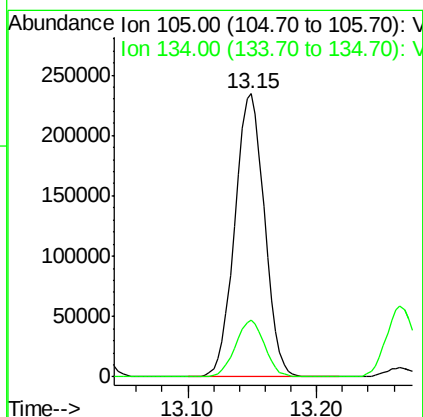
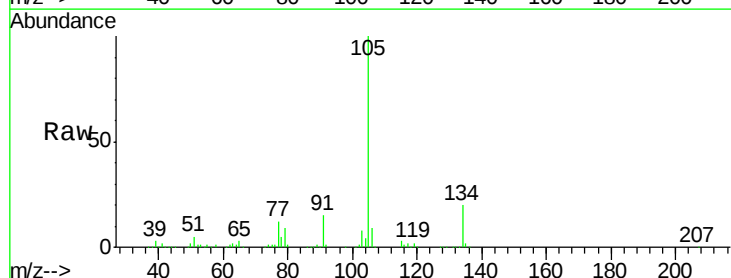
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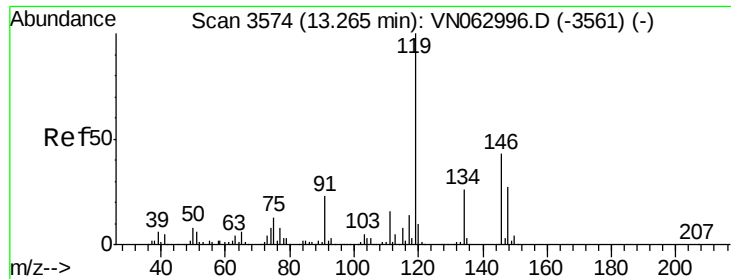
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#85
sec-Butylbenzene
Concen: 43.327 ug/l
RT: 13.15 min Scan# 3538
Delta R.T. -0.00 min
Lab File: VN063143.D
Acq: 26 Aug 2020 19:23

Tgt Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.4





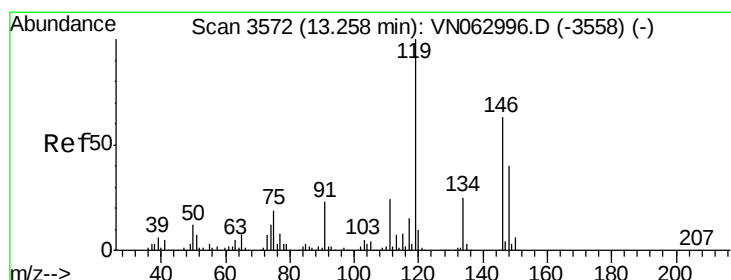
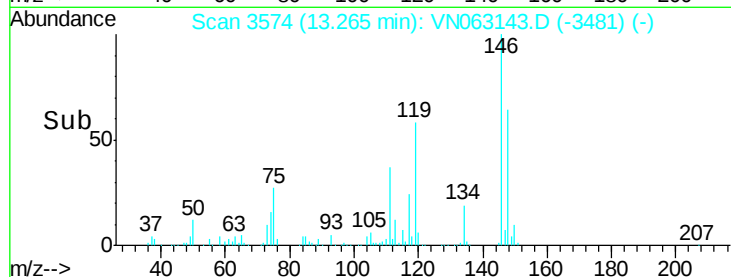
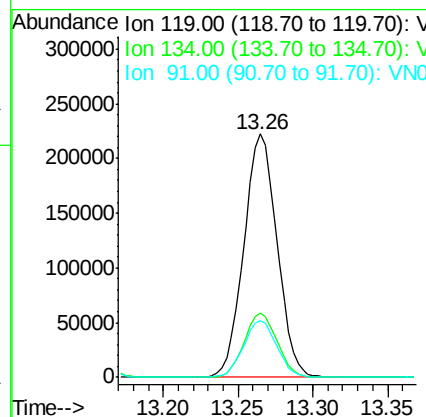
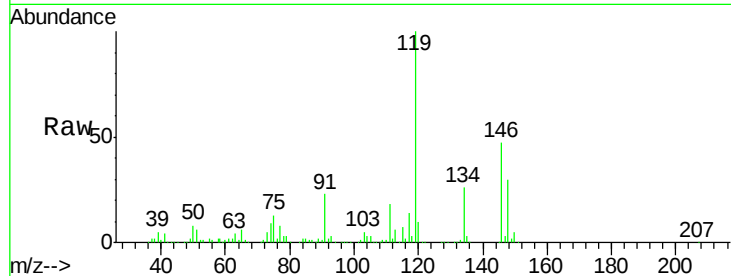
#86
 p-Isopropyltoluene
 Concen: 45.476 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN063143.D
 Acq: 26 Aug 2020 19:23

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-498-500MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	342495		
134	26.4	13.1	39.3	
91	23.5	11.5	34.4	

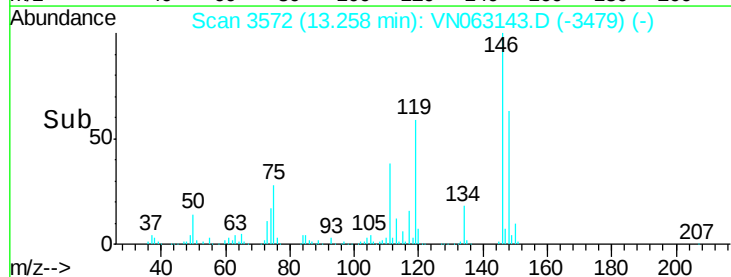
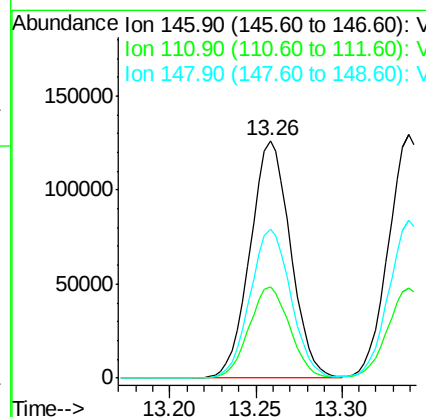
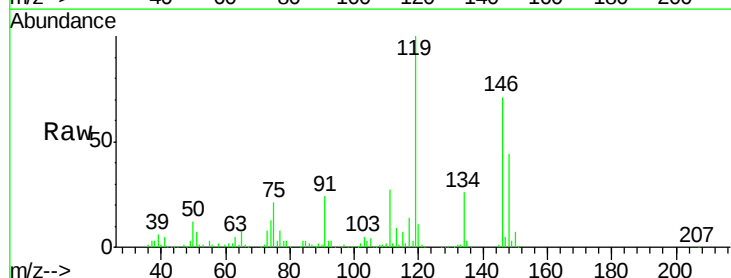
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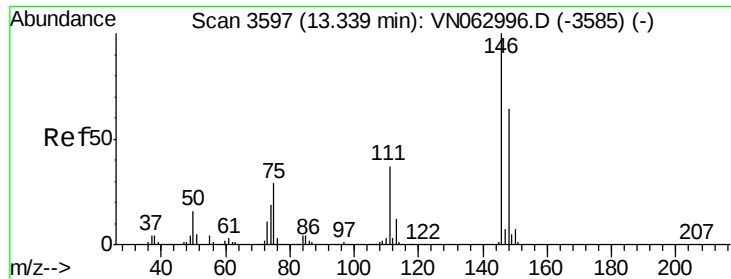
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#87
 1,3-Dichlorobenzene
 Concen: 48.549 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN063143.D
 Acq: 26 Aug 2020 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	205692		
111	38.9	19.4	58.1	
148	63.4	32.0	96.0	





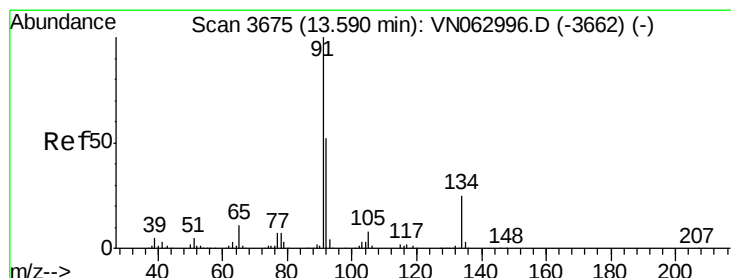
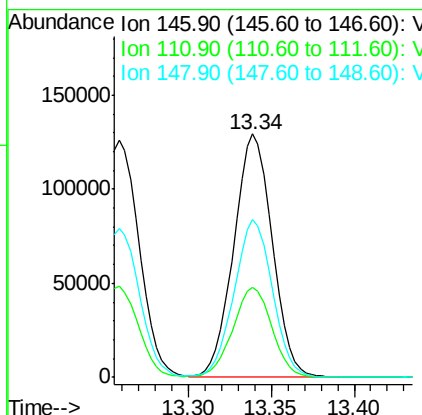
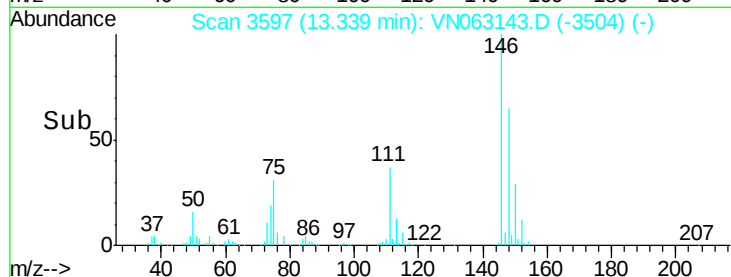
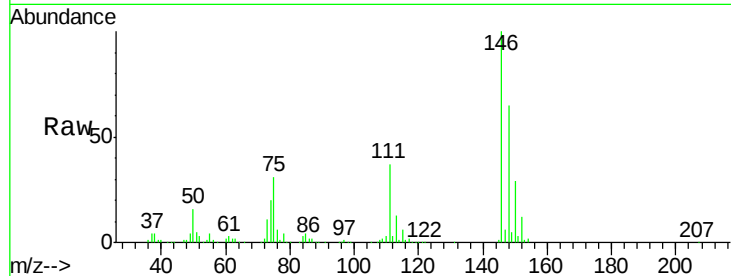
#88
 1,4-Dichlorobenzene
 Concen: 48.425 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN063143.D
 Acq: 26 Aug 2020 19:23

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-498-500MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.8	56.4
148	64.7	32.4	97.0

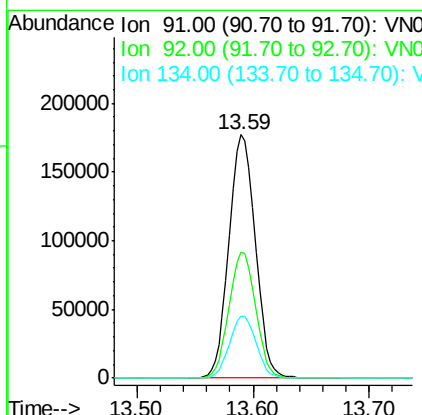
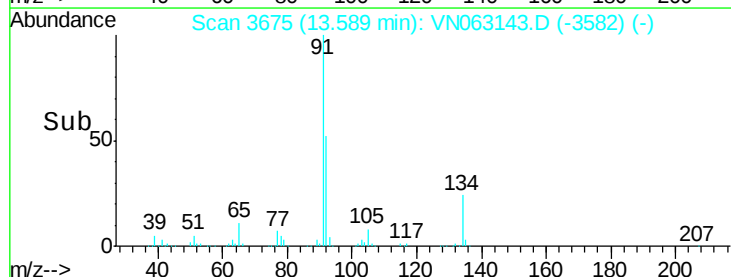
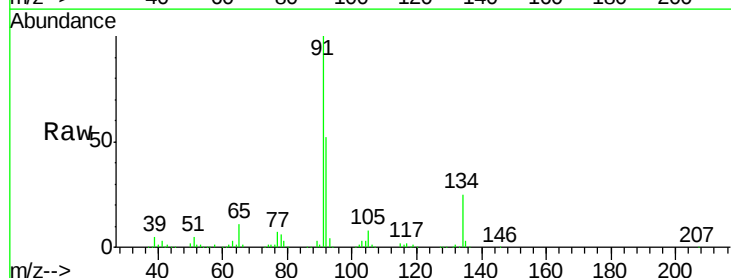
Manual Integrations
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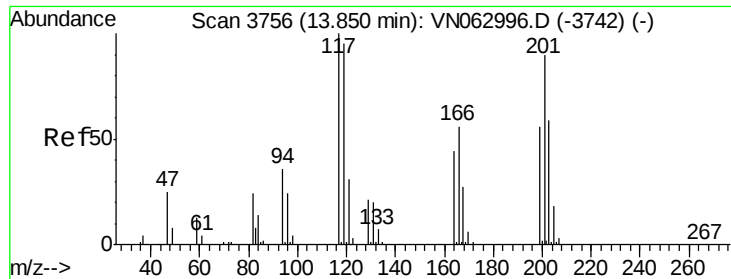
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#89
 n-Butylbenzene
 Concen: 39.671 ug/l
 RT: 13.59 min Scan# 3675
 Delta R.T. 0.00 min
 Lab File: VN063143.D
 Acq: 26 Aug 2020 19:23

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.9	25.9	77.6
134	25.5	12.4	37.0





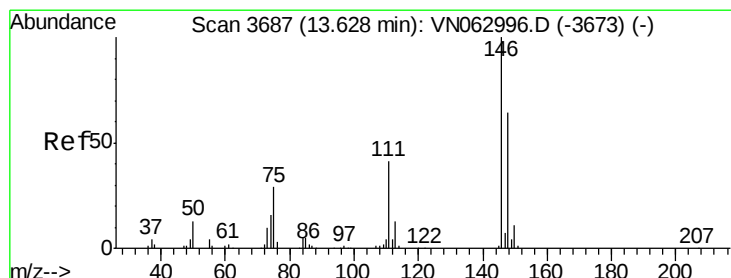
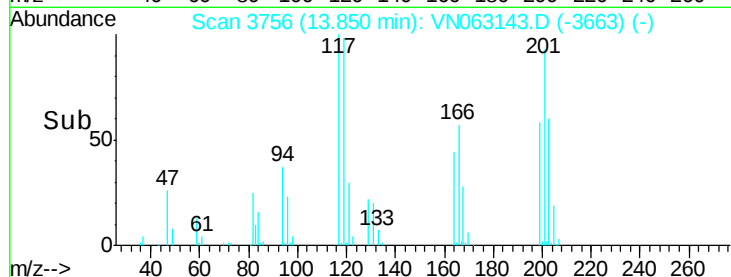
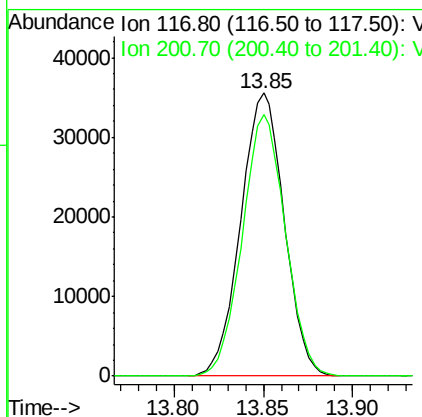
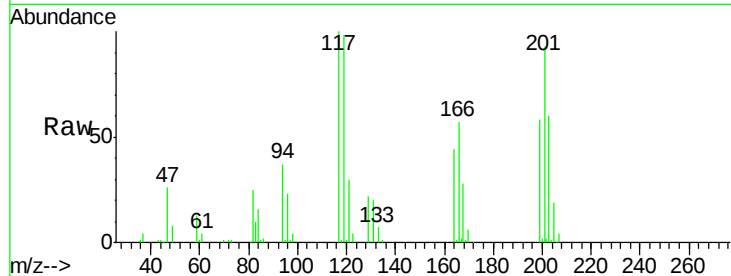
#90
Hexachloroethane
Concen: 37.835 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN063143.D
Acq: 26 Aug 2020 19:23

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-498-500MS

Tot Ion	Ratio	Lower	Upper
117	100		
201	91.5	44.1	132.4

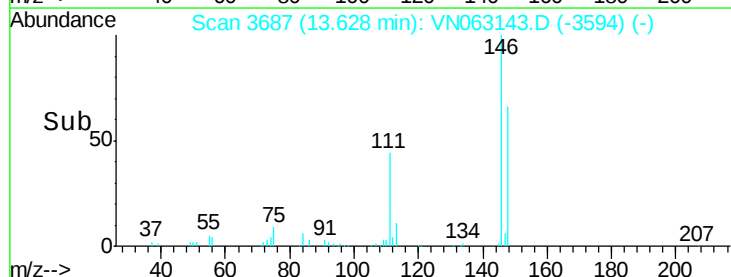
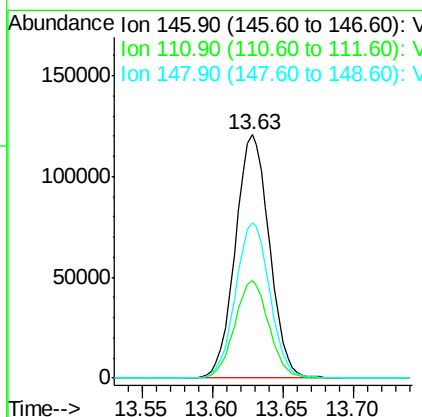
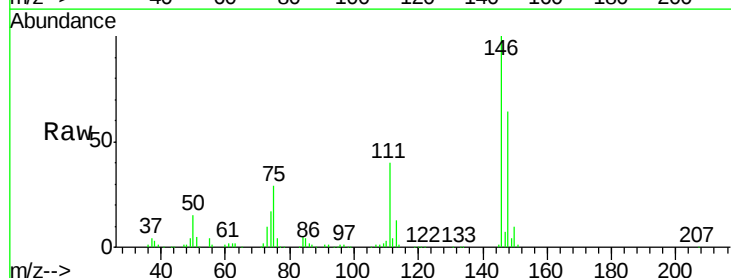
Manual Integrations
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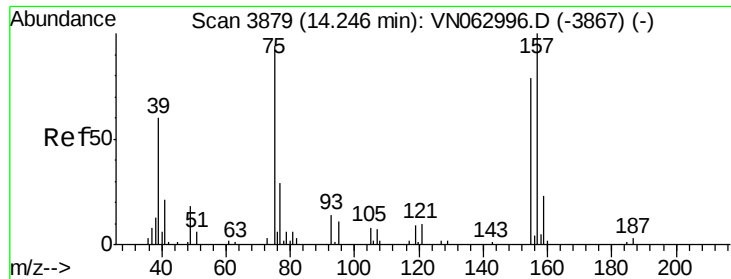
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#91
1,2-Dichlorobenzene
Concen: 49.960 ug/l
RT: 13.63 min Scan# 3687
Delta R.T. -0.00 min
Lab File: VN063143.D
Acq: 26 Aug 2020 19:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.2	60.5
148	64.4	31.9	95.5





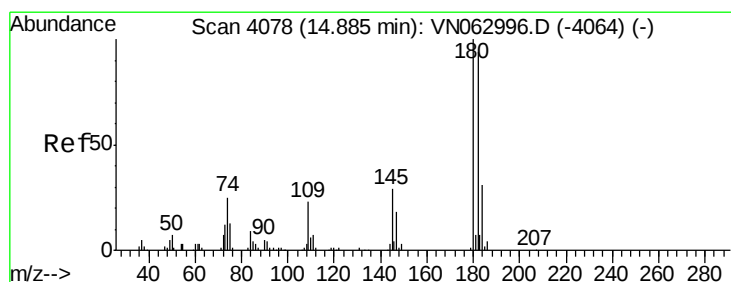
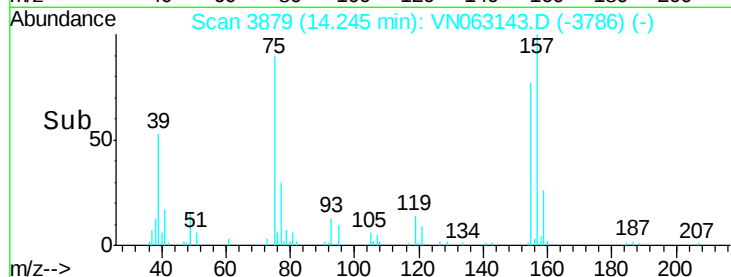
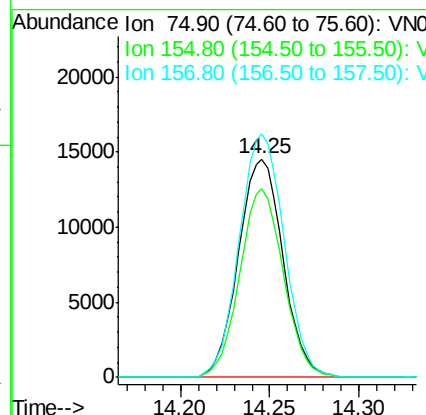
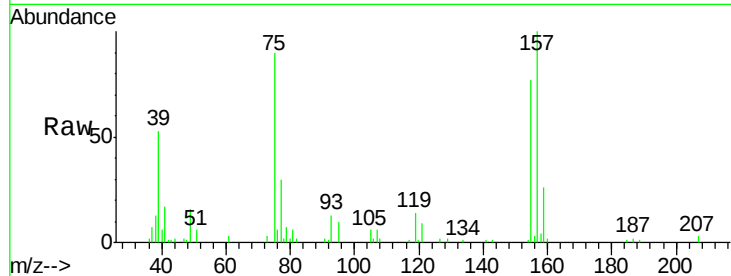
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.868 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN063143.D
 Acq: 26 Aug 2020 19:23

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-498-500MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	84.7	42.4	127.1
157	112.5	55.2	165.6

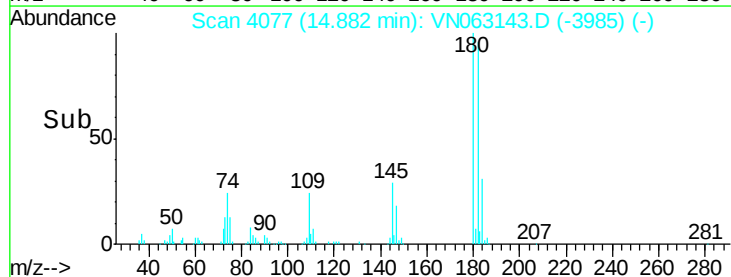
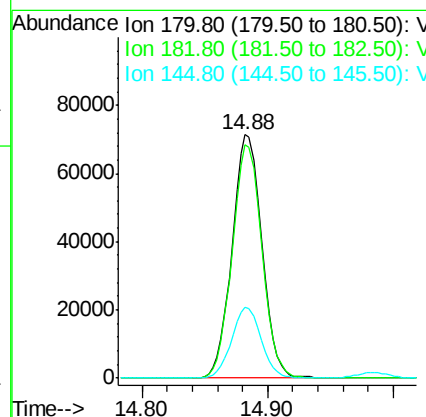
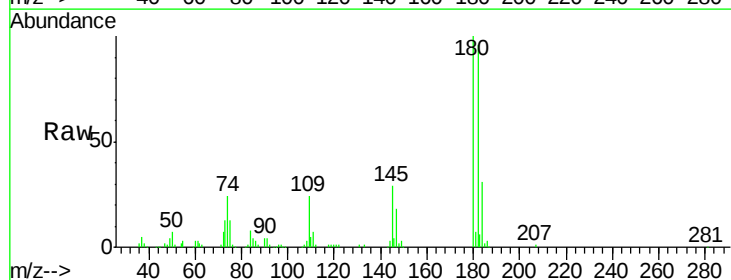
Manual Integrations
 APPROVED

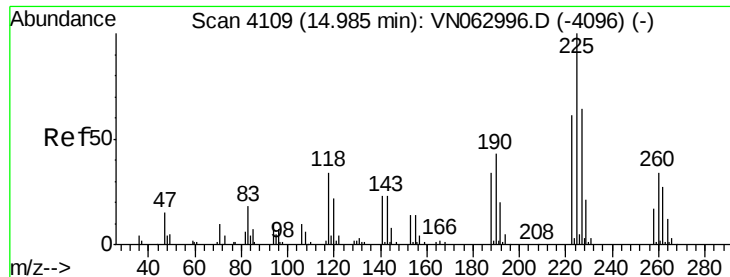
MMDadoda
 8/27/2020 1:28:26 PM



#93
 1,2,4-Trichlorobenzene
 Concen: 51.729 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN063143.D
 Acq: 26 Aug 2020 19:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.0	141.2
145	28.6	14.1	42.4





#94

Hexachlorobutadiene

Concen: 27.072 ug/l

RT: 14.98 min Scan# 4109

Delta R.T. -0.00 min

Lab File: VN063143.D

Acq: 26 Aug 2020 19:23

Instrument :

MSVOA_N

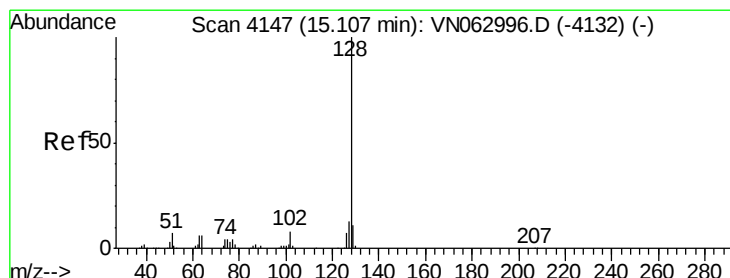
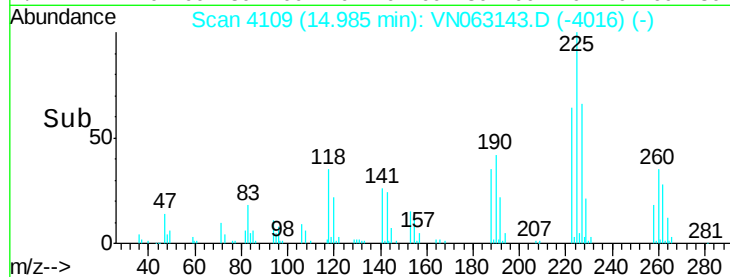
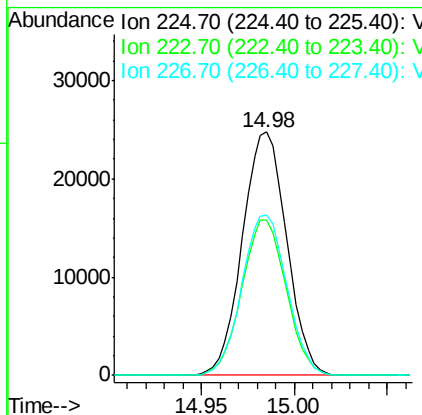
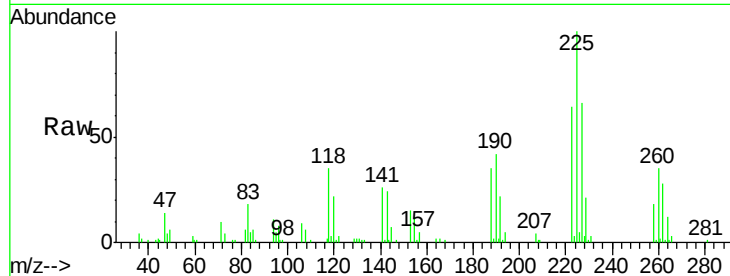
ClientSampleId :

BP-VPB181-GW-498-500MS

Tot Ion:	225	Resp:	40941
Ion Ratio	Lower	Upper	
225	100		
223	64.1	30.9	92.5
227	67.0	31.9	95.9

Manual Integrations
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#95

Naphthalene

Concen: 64.763 ug/l

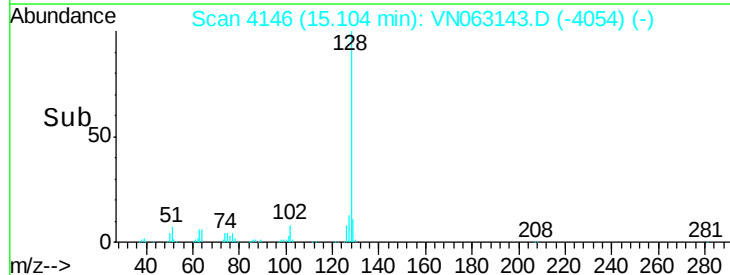
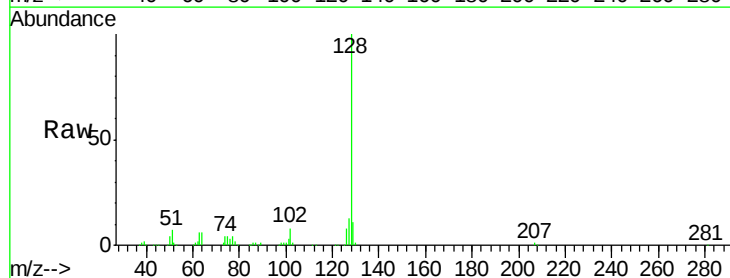
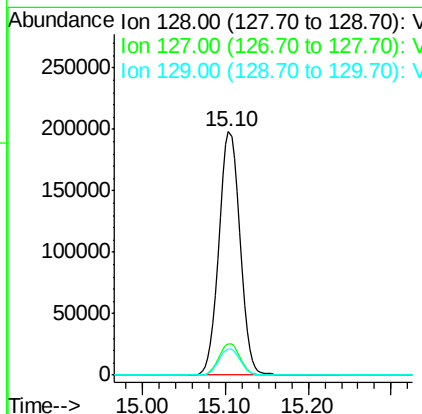
RT: 15.10 min Scan# 4146

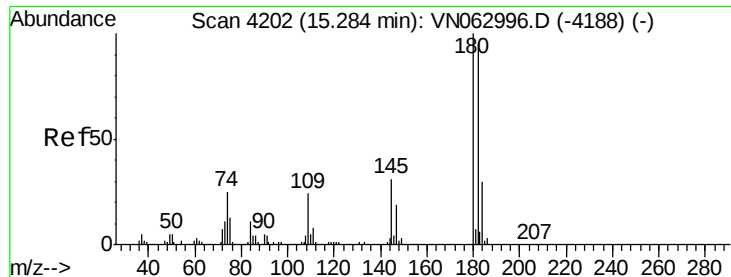
Delta R.T. -0.00 min

Lab File: VN063143.D

Acq: 26 Aug 2020 19:23

Tgt Ion:	128	Resp:	348044
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	16.0
129	10.8	8.9	13.3





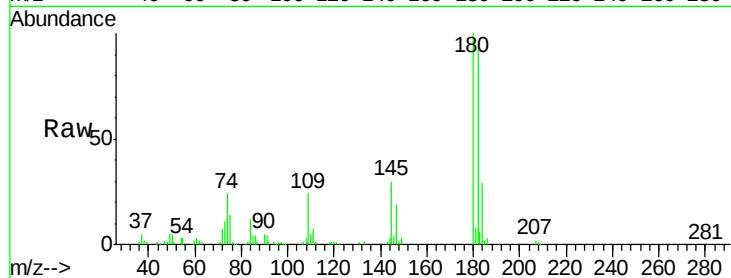
#96
 1,2,3-Trichlorobenzene
 Concen: 51.622 ug/l
 RT: 15.28 min Scan# 4202
 Delta R.T. -0.00 min
 Lab File: VN063143.D
 Acq: 26 Aug 2020 19:23

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-498-500MS

Tot Ion:	180	Resp:	115111
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.3	141.9
145	30.4	15.6	46.7

Manual Integrations
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 8/27/2020 1:28:26 PM



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

