

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082620\
 Data File : VN063144.D
 Acq On : 26 Aug 2020 19:47
 Operator : JC/MD
 Sample : L3783-04MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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 8/27/2020 1:28:31 PM

Quant Time: Aug 27 02:19:47 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	186132	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	284673	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	262192	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	128714	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	109424	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
35) Dibromofluoromethane	7.55	113	93400	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
50) Toluene-d8	10.06	98	357263	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
62) 4-Bromofluorobenzene	12.38	95	127607	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	100426	41.345	ug/l	99
3) Chloromethane	2.04	50	108687	42.587	ug/l	100
4) Vinyl Chloride	2.17	62	120070	48.648	ug/l	97
5) Bromomethane	2.54	94	73231	49.988	ug/l	97
6) Chloroethane	2.68	64	72239	49.573	ug/l	97
7) Trichlorofluoromethane	2.99	101	150086	48.762	ug/l	99
8) Diethyl Ether	3.38	74	48162	44.231	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	70929	42.766	ug/l	99
10) Methyl Iodide	3.91	142	98664	46.932	ug/l	99
11) Tert butyl alcohol	4.74	59	65916	210.950	ug/l #	87
12) 1,1-Dichloroethene	3.70	96	67221	42.546	ug/l	99
13) Acrolein	3.57	56	1906	19.471	ug/l	92
14) Allyl chloride	4.28	41	117808	42.289	ug/l	97
15) Acrylonitrile	4.93	53	202566	220.561	ug/l	99
16) Acetone	3.78	43	145198	210.448	ug/l	98
17) Carbon Disulfide	4.01	76	153689	37.143	ug/l	99
18) Methyl Acetate	4.28	43	88802	40.507	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	270395	49.074	ug/l	100
20) Methylene Chloride	4.51	84	87574	44.890	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	73106	44.214	ug/l	98
22) Diisopropyl ether	5.91	45	296295	46.870	ug/l	96
23) Vinyl Acetate	5.85	43	892132	209.131	ug/l	98
24) 1,1-Dichloroethane	5.80	63	160196	45.348	ug/l	98
25) 2-Butanone	6.79	43	260400	222.340	ug/l	99
26) 2,2-Dichloropropane	6.78	77	123713	44.531	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	99705	48.110	ug/l	98
28) Bromochloromethane	7.15	49	94623	51.194	ug/l	99
29) Tetrahydrofuran	7.17	42	179576	237.573	ug/l	100
30) Chloroform	7.33	83	170856	48.024	ug/l	98
31) Cyclohexane	7.62	56	141637	43.563	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	139706	48.099	ug/l	98
36) 1,1-Dichloropropene	7.75	75	113217	45.130	ug/l	100
37) Ethyl Acetate	6.88	43	100486	42.748	ug/l	99
38) Carbon Tetrachloride	7.73	117	115325	45.534	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	119308	35.687	ug/l	97
40) Benzene	8.00	78	366232	46.028	ug/l	98
41) Methacrylonitrile	7.13	41	52951	47.279	ug/l	96
42) 1,2-Dichloroethane	8.09	62	122285	45.771	ug/l	99
43) Isopropyl Acetate	8.13	43	176914	45.428	ug/l	98
44) Trichloroethene	8.80	130	92532	46.753	ug/l	98
45) 1,2-Dichloropropane	9.08	63	107524	46.751	ug/l	99
46) Dibromomethane	9.18	93	62443	46.997	ug/l	99
47) Bromodichloromethane	9.37	83	136875	47.035	ug/l	98
48) Methyl methacrylate	9.17	41	86371	46.875	ug/l	99
49) 1,4-Dioxane	9.17	88	33030	817.439	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	562986	228.711	ug/l	99
52) Toluene	10.13	92	226777	47.247	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	147151	48.897	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	159274	48.246	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	97580	47.546	ug/l	99
56) Ethyl methacrylate	10.40	69	140711	44.587	ug/l	99
57) 1,3-Dichloropropane	10.68	76	161164	47.290	ug/l	98
59) 2-Hexanone	10.72	43	400380	233.185	ug/l	99
60) Dibromochloromethane	10.88	129	107387	47.281	ug/l	100
61) 1,2-Dibromoethane	10.98	107	92511	46.912	ug/l	100
64) Tetrachloroethene	10.60	164	87789	50.936	ug/l	99
65) Chlorobenzene	11.41	112	250954	47.657	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	100132	48.889	ug/l	100
67) Ethyl Benzene	11.49	91	440446	49.501	ug/l	99
68) m/p-Xylenes	11.60	106	329582	99.663	ug/l	99
69) o-Xylene	11.92	106	161446	50.840	ug/l	99
70) Stvrene	11.94	104	275933	44.025	ug/l	99
71) Bromoform	12.10	173	80076	49.118	ug/l #	100
73) Isopropylbenzene	12.23	105	421498	47.820	ug/l	100
74) N-amyl acetate	12.05	43	161381	51.121	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	136434	47.897	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	110798m	44.285	ug/l	
77) Bromobenzene	12.50	156	116788	48.176	ug/l	99
78) n-propylbenzene	12.57	91	481593	47.935	ug/l	100
79) 2-Chlorotoluene	12.65	91	297445	47.069	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	354576	48.663	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	47107	51.711	ug/l	98
82) 4-Chlorotoluene	12.75	91	315185	48.982	ug/l	99
83) tert-Butylbenzene	12.97	119	289847	46.088	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	359749	50.680	ug/l	100
85) sec-Butylbenzene	13.15	105	368369	43.341	ug/l	99
86) p-Isopropyltoluene	13.26	119	336580	45.448	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	200960	48.236	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	206674	48.876	ug/l	99
89) n-Butylbenzene	13.59	91	271569	39.317	ug/l	99
90) Hexachloroethane	13.85	117	61009	38.759	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	198103	49.226	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	24827	55.928	ug/l	98
93) 1,2,4-Trichlorobenzene	14.89	180	115764	51.723	ug/l	99

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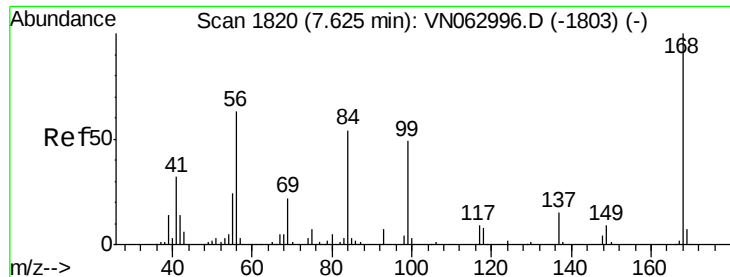
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	41730	28.061	ug/l	99
95) Naphthalene	15.10	128	341032	64.554	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	113882	51.912	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-498-500MSD

Tot Ion:168 Resp: 186132

Ion Ratio Lower Upper

168 100

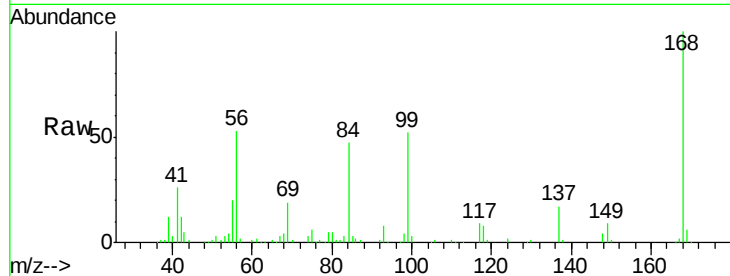
99 52.0 42.0 63.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

60000

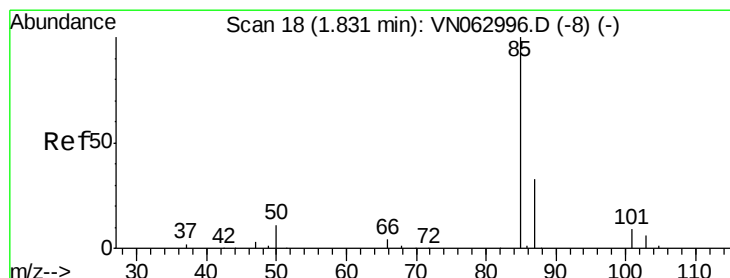
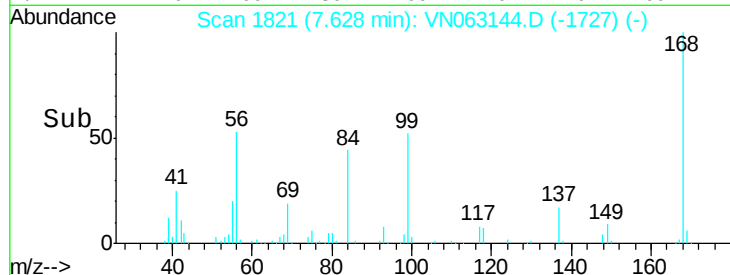
40000

20000

0

7.50 7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 41.345 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN063144.D

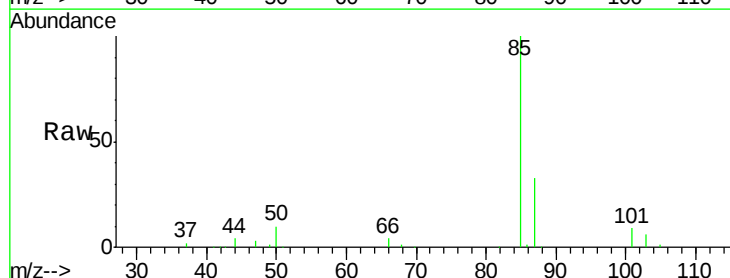
Acq: 26 Aug 2020 19:47

Tgt Ion: 85 Resp: 100426

Ion Ratio Lower Upper

85 100

87 33.3 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

60000

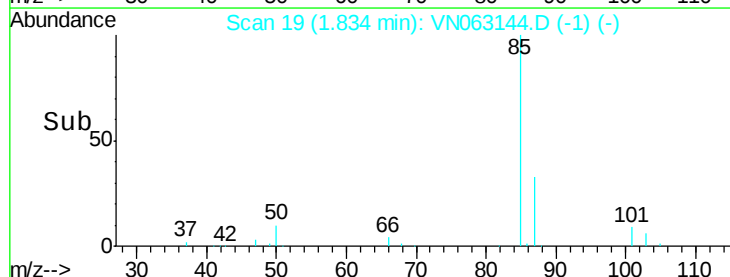
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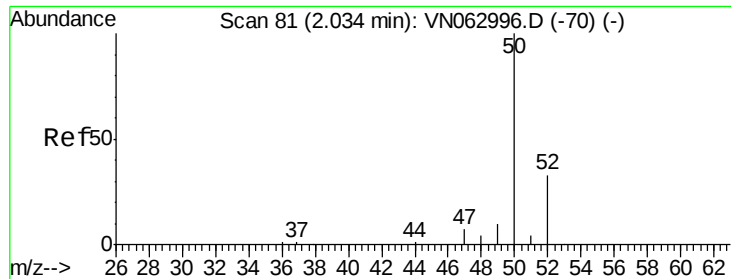
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0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 42.587 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN063144.D

Acq: 26 Aug 2020 19:47

Instrument :

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ClientSampleId :

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Tot Ion: 50 Resp: 108687

Ion Ratio Lower Upper

50 100

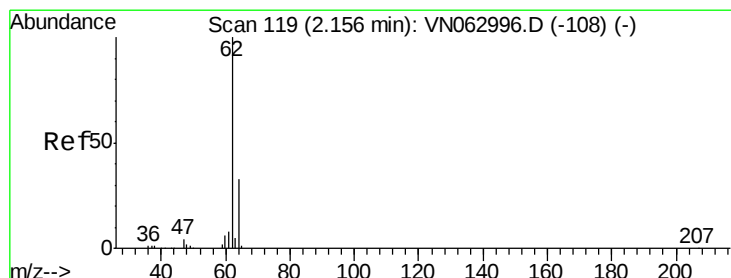
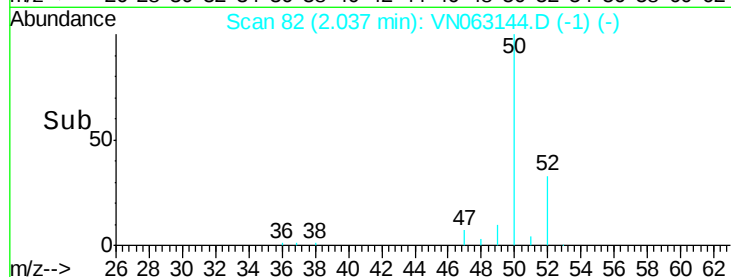
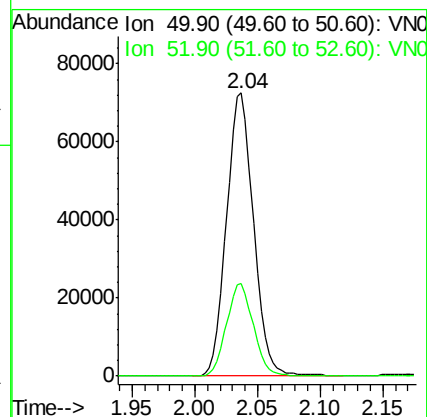
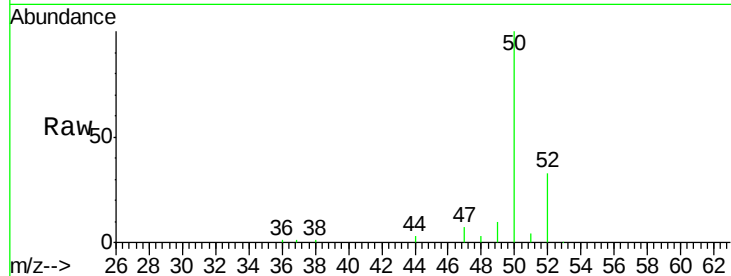
52 32.6 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.648 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.01 min

Lab File: VN063144.D

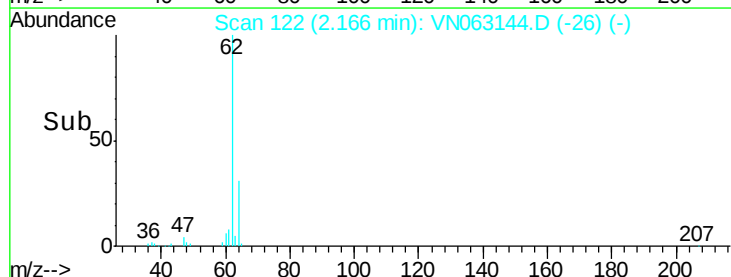
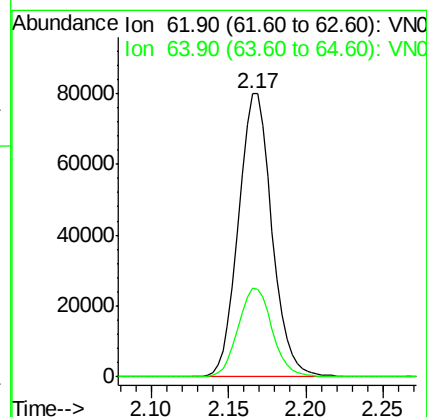
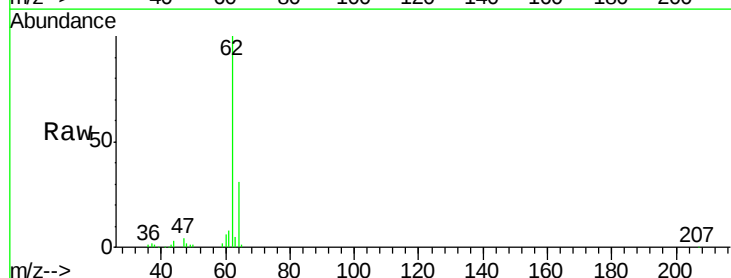
Acq: 26 Aug 2020 19:47

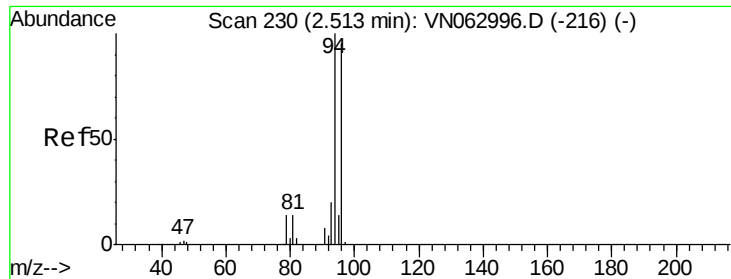
Tgt Ion: 62 Resp: 120070

Ion Ratio Lower Upper

62 100

64 31.2 26.2 39.2





#5

Bromomethane

Concen: 49.988 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.03 min

Lab File: VN063144.D

Acq: 26 Aug 2020 19:47

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Tot Ion: 94 Resp: 73231

Ion Ratio Lower Upper

94 100

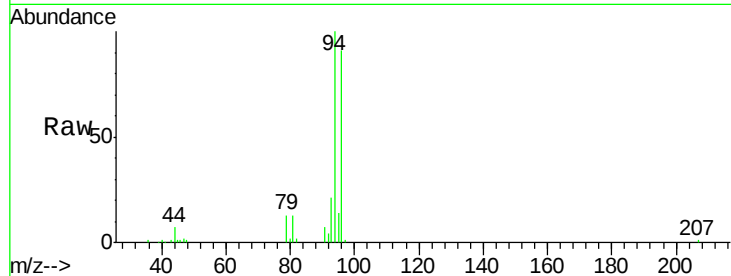
96 91.5 75.8 113.8

Manual Integrations

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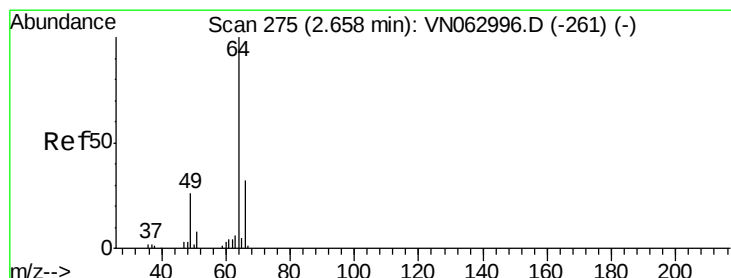
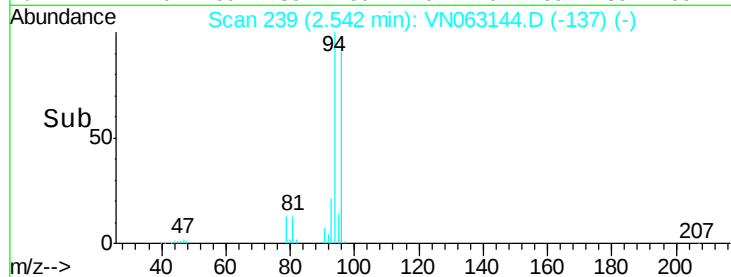
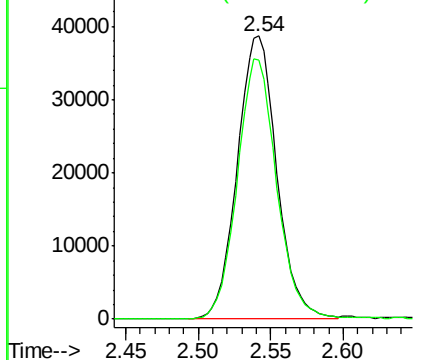
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Abundance Ion 93.90 (93.60 to 94.60): VNC

Ion 95.90 (95.60 to 96.60): VNC



#6

Chloroethane

Concen: 49.573 ug/l

RT: 2.68 min Scan# 281

Delta R.T. 0.02 min

Lab File: VN063144.D

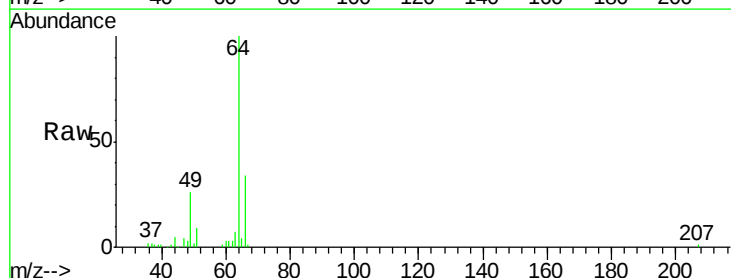
Acq: 26 Aug 2020 19:47

Tgt Ion: 64 Resp: 72239

Ion Ratio Lower Upper

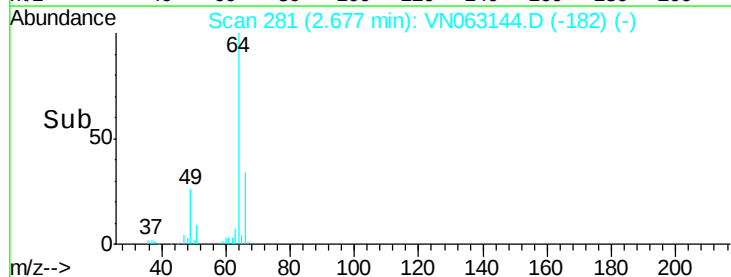
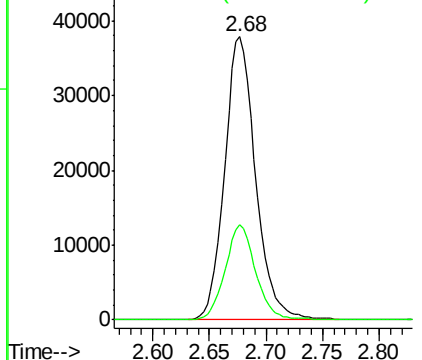
64 100

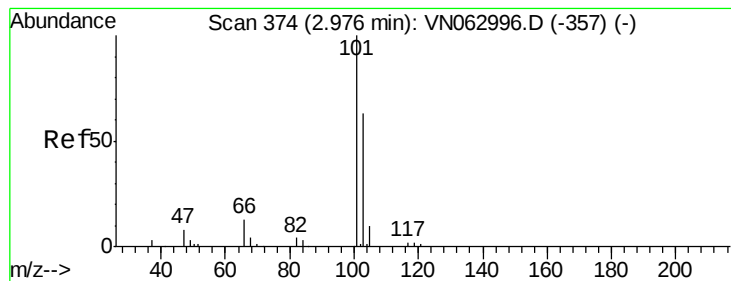
66 33.5 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VNC

Ion 65.90 (65.60 to 66.60): VNC





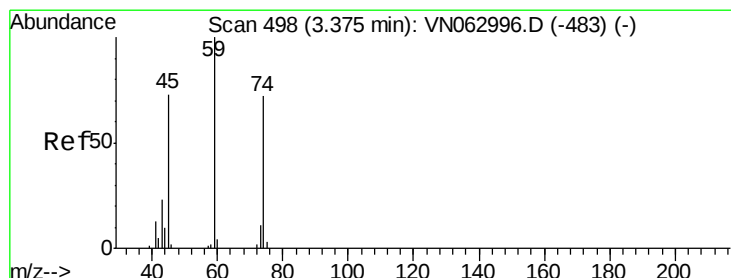
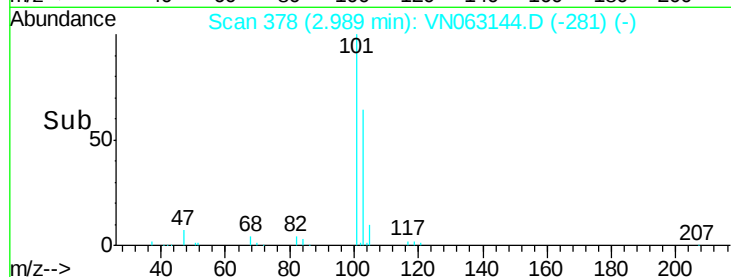
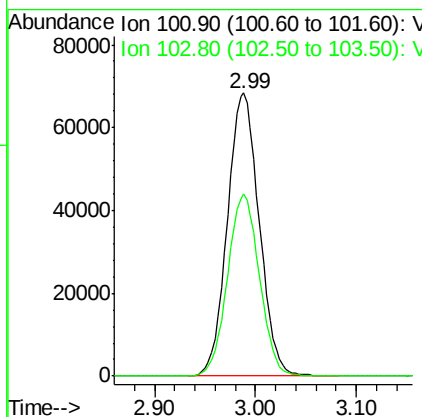
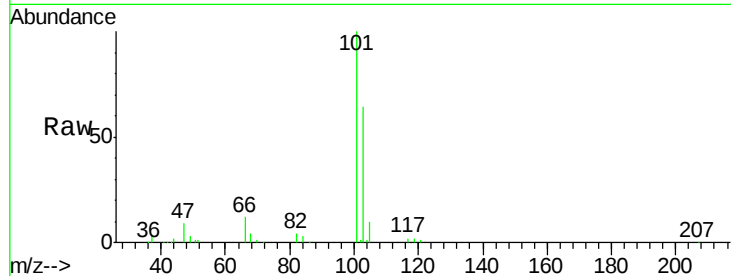
#7
 Trichlorofluoromethane
 Concen: 48.762 ug/l
 RT: 2.99 min Scan# 378
 Delta R.T. 0.01 min
 Lab File: VN063144.D
 Acq: 26 Aug 2020 19:47

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	150086		
103	64.2	50.5	75.7	

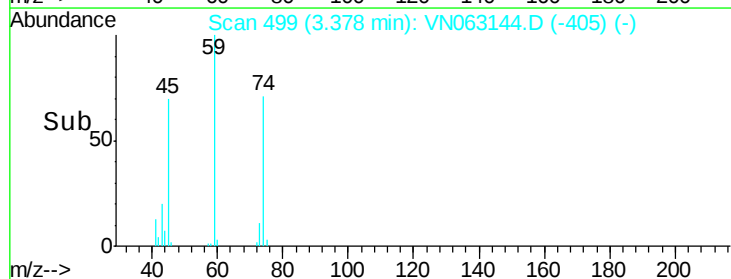
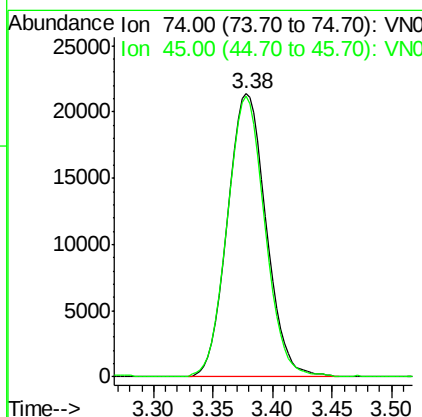
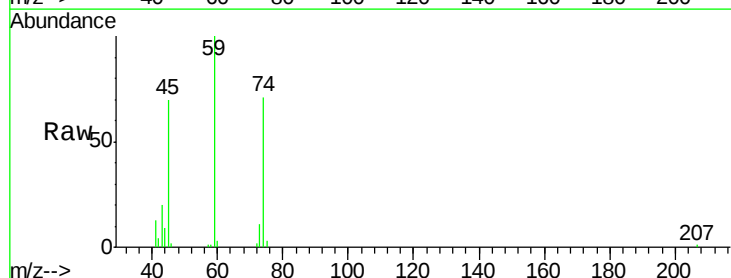
Manual Integrations
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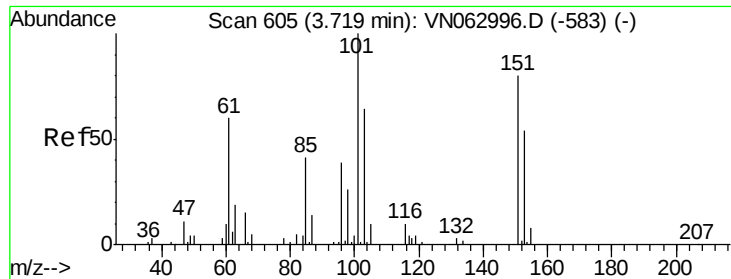
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#8
 Diethyl Ether
 Concen: 44.231 ug/l
 RT: 3.38 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: VN063144.D
 Acq: 26 Aug 2020 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	48162		
45	96.7	49.9	149.7	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.766 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.00 min

Lab File: VN063144.D

Acq: 26 Aug 2020 19:47

Instrument :

MSVOA_N

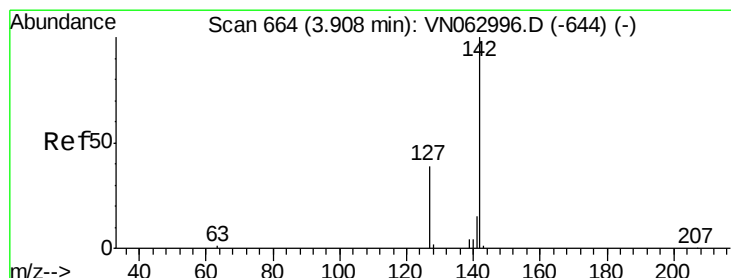
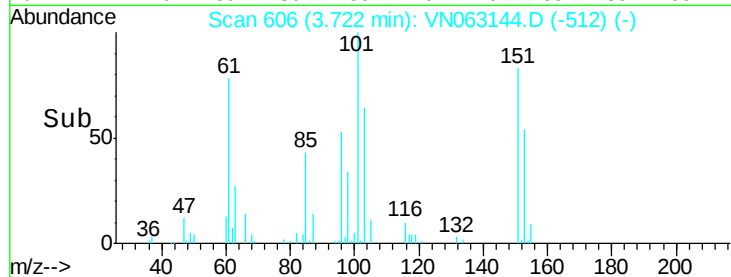
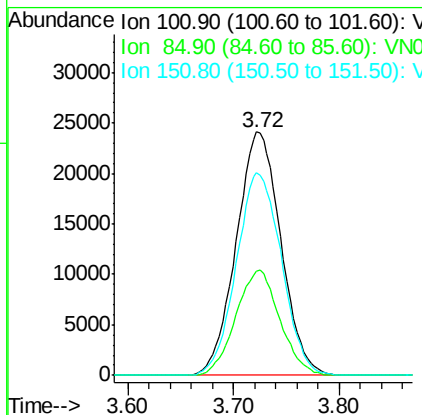
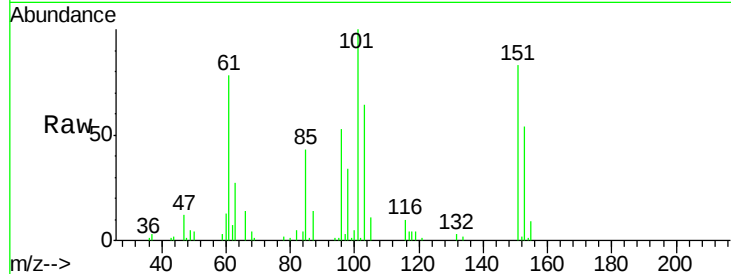
ClientSampleId :

BP-VPB181-GW-498-500MSD

Tot Ion:	101	Resp:	70929
Ion Ratio	Lower	Upper	
101	100		
85	42.4	34.0	51.0
151	84.1	65.8	98.8

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#10

Methyl Iodide

Concen: 46.932 ug/l

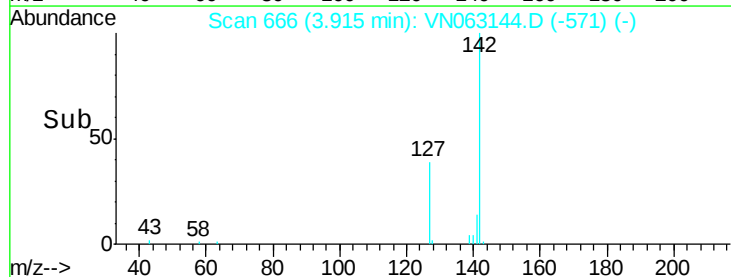
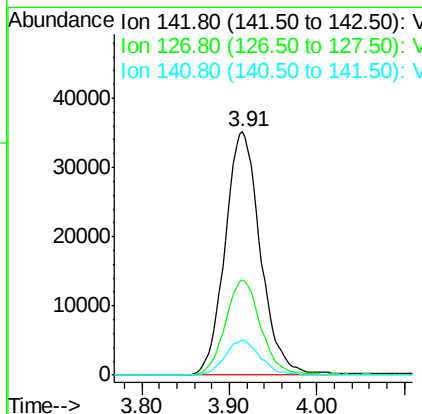
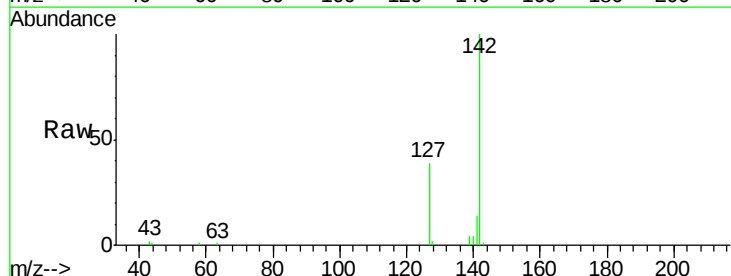
RT: 3.91 min Scan# 666

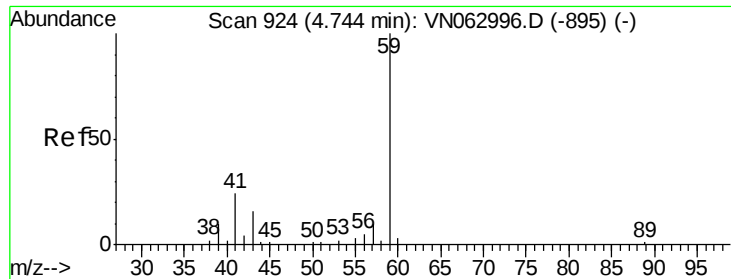
Delta R.T. 0.01 min

Lab File: VN063144.D

Acq: 26 Aug 2020 19:47

Tgt Ion:	142	Resp:	98664
Ion Ratio	Lower	Upper	
142	100		
127	39.2	32.2	48.4
141	14.2	11.3	16.9





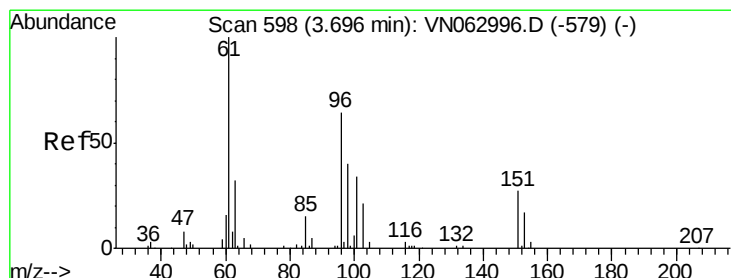
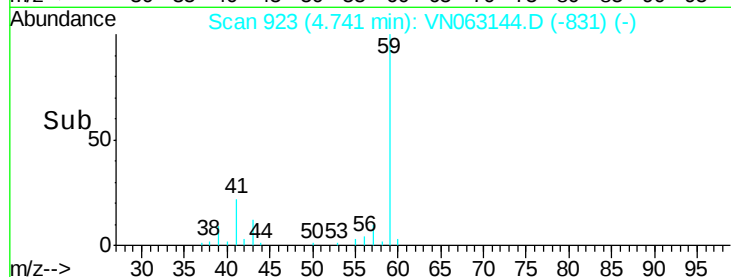
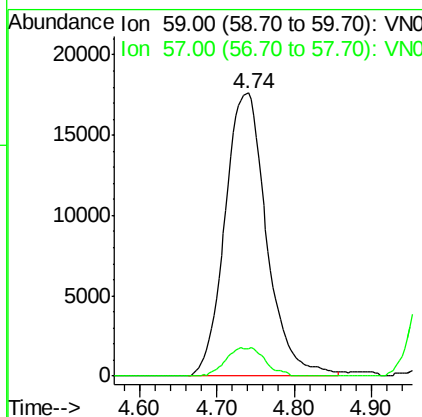
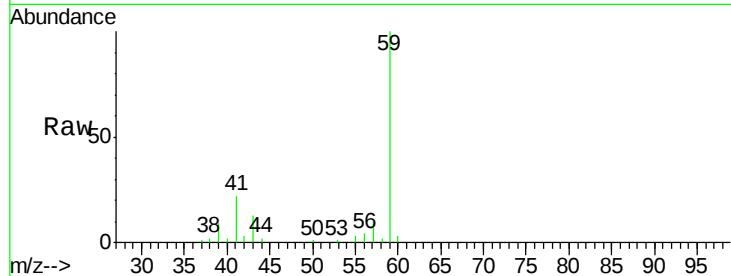
#11
Tert butyl alcohol
Concen: 210.950 ug/l
RT: 4.74 min Scan# 923
Delta R.T. -0.00 min
Lab File: VN063144.D
Acq: 26 Aug 2020 19:47

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

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.0	7.8	11.6#

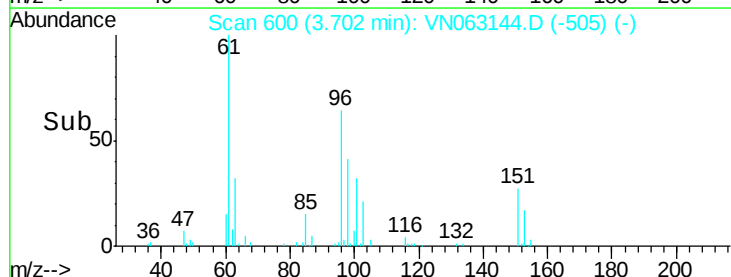
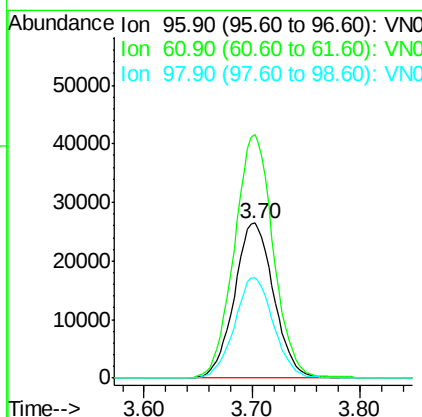
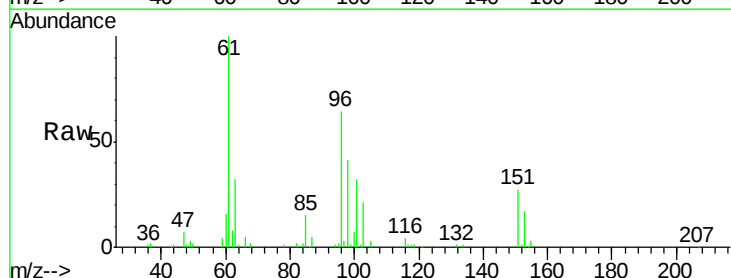
Manual Integrations
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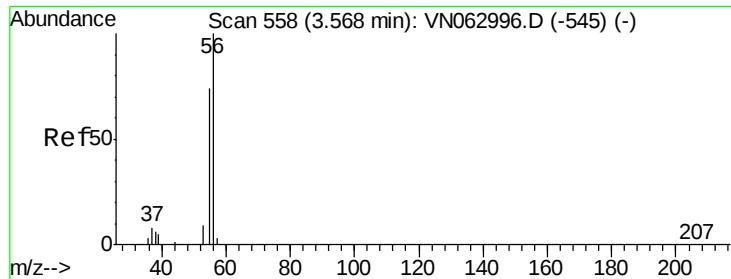
MMDadoda
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#12
1,1-Dichloroethene
Concen: 42.546 ug/l
RT: 3.70 min Scan# 600
Delta R.T. 0.01 min
Lab File: VN063144.D
Acq: 26 Aug 2020 19:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.0	125.5	188.3
98	64.4	50.4	75.6





#13

Acrolein

Concen: 19.471 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.00 min

Lab File: VN063144.D

Acq: 26 Aug 2020 19:47

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-498-500MSD

Tot Ion: 56 Resp: 1906

Ion Ratio Lower Upper

56 100

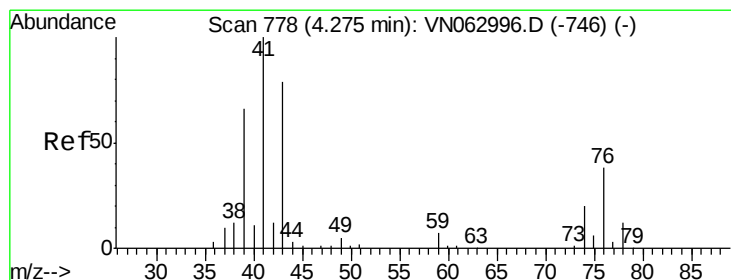
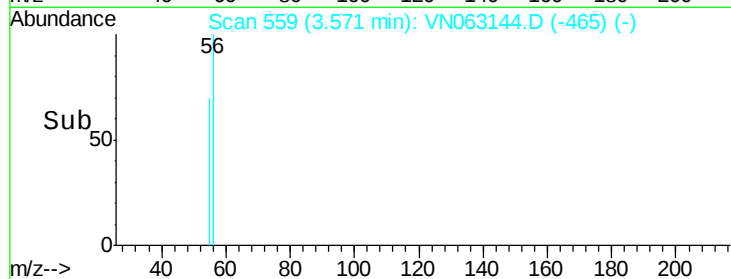
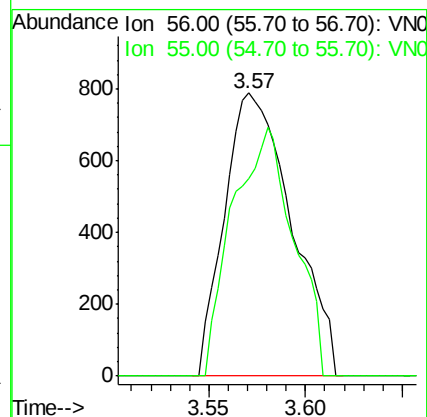
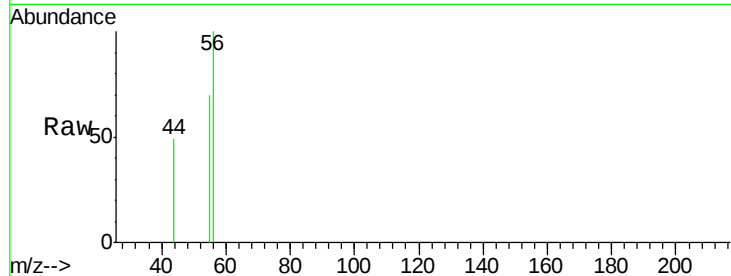
55 80.0 58.4 87.6

Manual Integrations

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#14

Allyl chloride

Concen: 42.289 ug/l

RT: 4.28 min Scan# 780

Delta R.T. 0.01 min

Lab File: VN063144.D

Acq: 26 Aug 2020 19:47

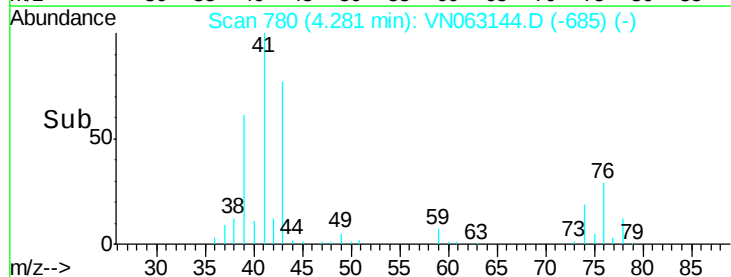
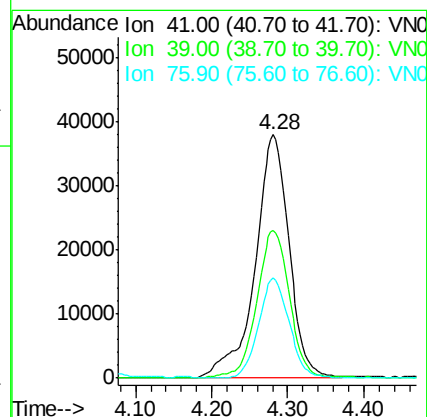
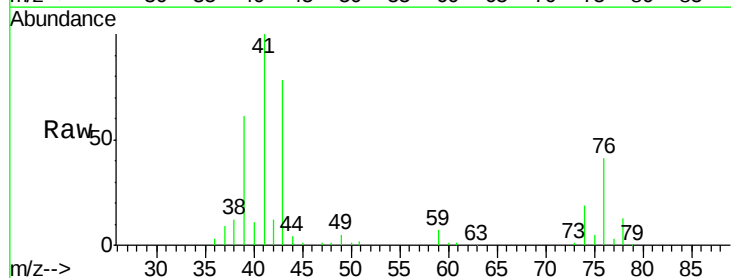
Tgt Ion: 41 Resp: 117808

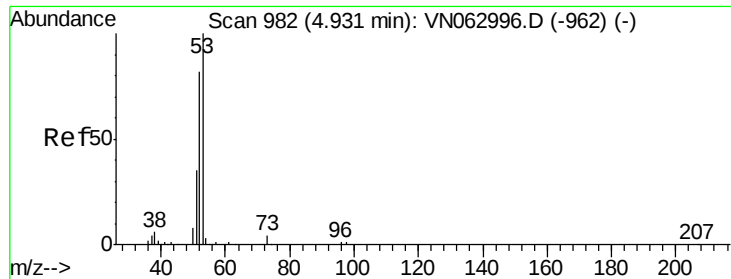
Ion Ratio Lower Upper

41 100

39 58.7 47.9 71.9

76 37.0 27.0 40.6





#15

Acrylonitrile

Concen: 220.561 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.00 min

Lab File: VN063144.D

Acq: 26 Aug 2020 19:47

Instrument :

MSVOA_N

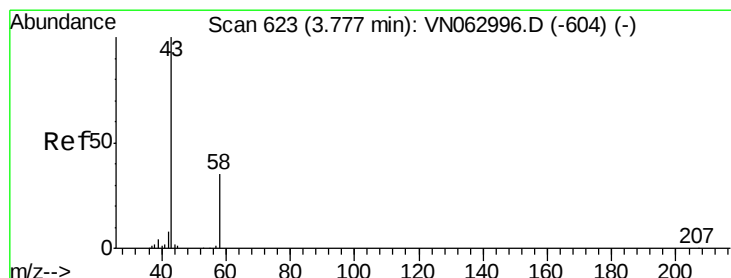
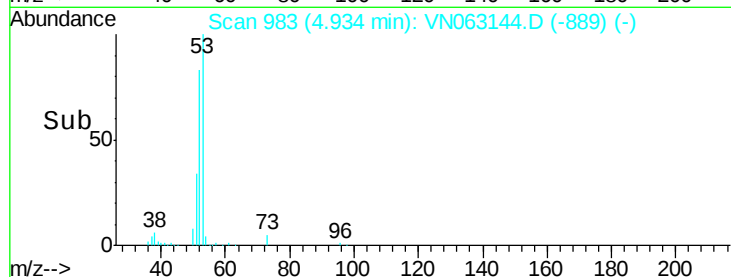
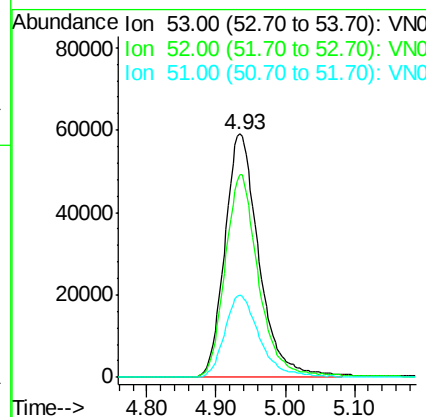
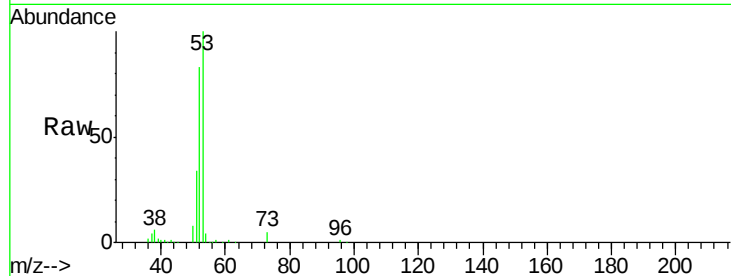
ClientSampleId :

BP-VPB181-GW-498-500MSD

Tot Ion:	53	Resp:	202566
Ion Ratio		Lower	Upper
53	100		
52	80.7	65.6	98.4
51	34.4	28.2	42.4

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#16

Acetone

Concen: 210.448 ug/l

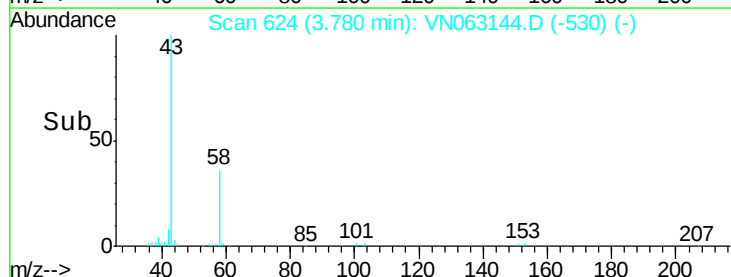
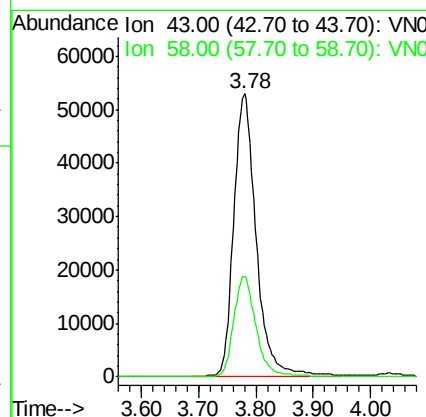
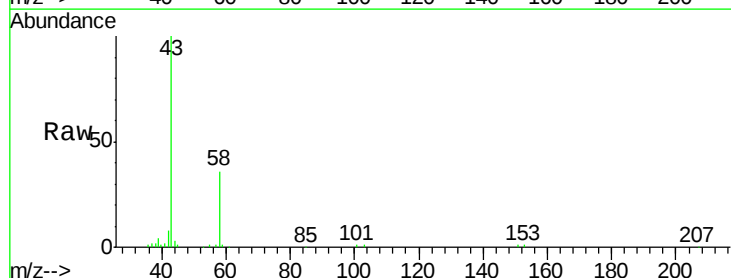
RT: 3.78 min Scan# 624

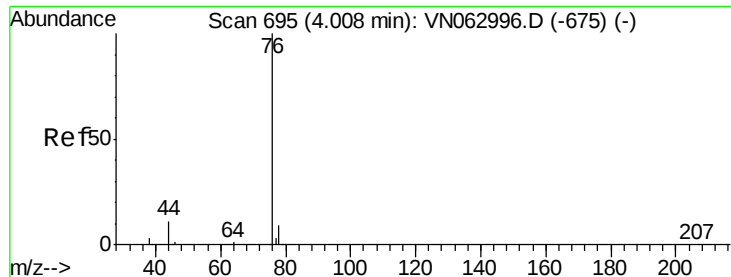
Delta R.T. 0.00 min

Lab File: VN063144.D

Acq: 26 Aug 2020 19:47

Tgt Ion:	43	Resp:	145198
Ion Ratio		Lower	Upper
43	100		
58	35.6	27.8	41.6





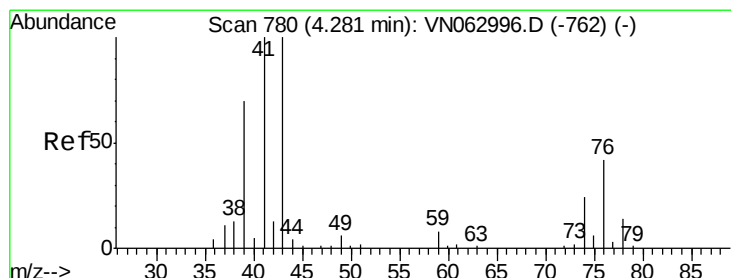
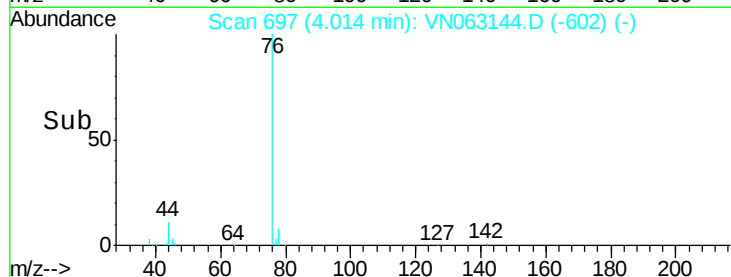
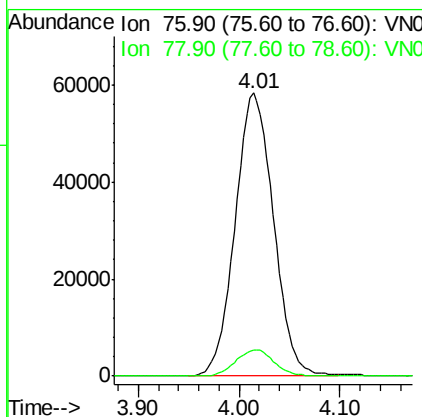
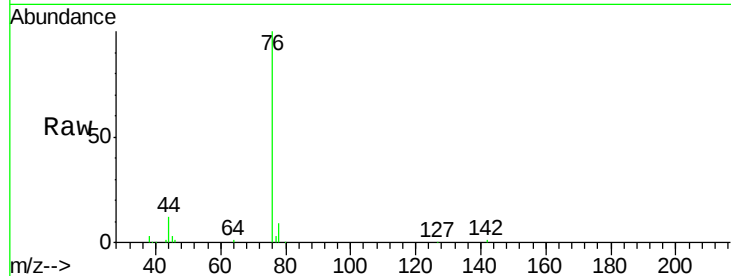
#17
Carbon Disulfide
Concen: 37.143 ug/l
RT: 4.01 min Scan# 697
Delta R.T. 0.01 min
Lab File: VN063144.D
Acq: 26 Aug 2020 19:47

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

Tot Ion: 76 Resp: 153689
Ion Ratio Lower Upper
76 100
78 9.0 6.9 10.3

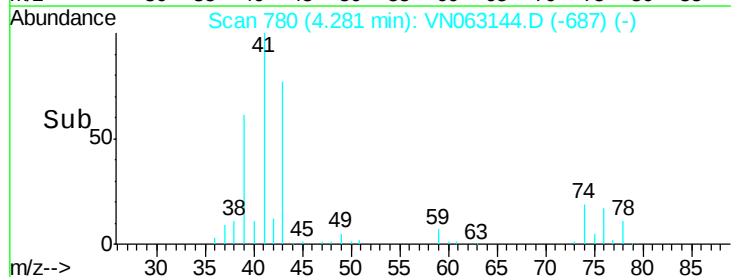
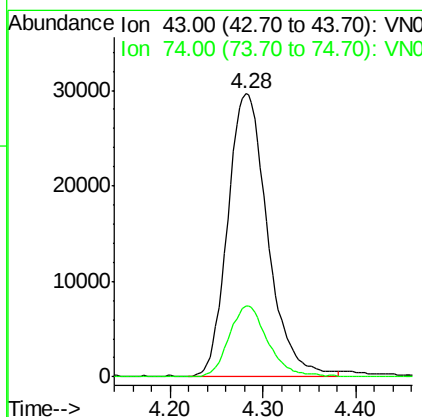
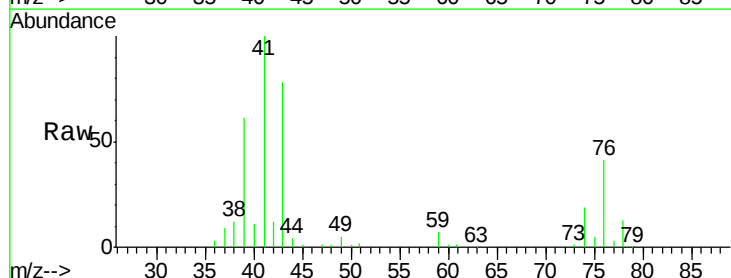
Manual Integrations
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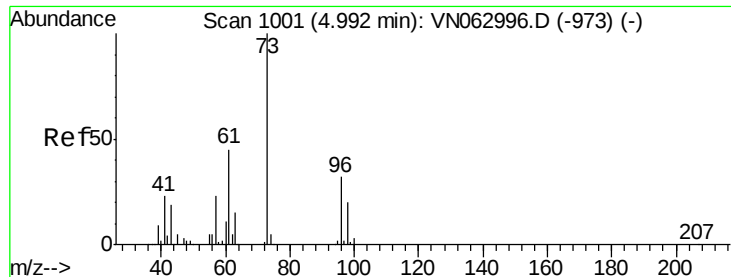
MMDadoda
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#18
Methyl Acetate
Concen: 40.507 ug/l
RT: 4.28 min Scan# 780
Delta R.T. -0.00 min
Lab File: VN063144.D
Acq: 26 Aug 2020 19:47

Tgt Ion: 43 Resp: 88802
Ion Ratio Lower Upper
43 100
74 24.2 18.6 28.0





#19

Methyl tert-butyl Ether

Concen: 49.074 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.00 min

Lab File: VN063144.D

Acq: 26 Aug 2020 19:47

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-498-500MSD

Tot Ion: 73 Resp: 270395

Ion Ratio Lower Upper

73 100

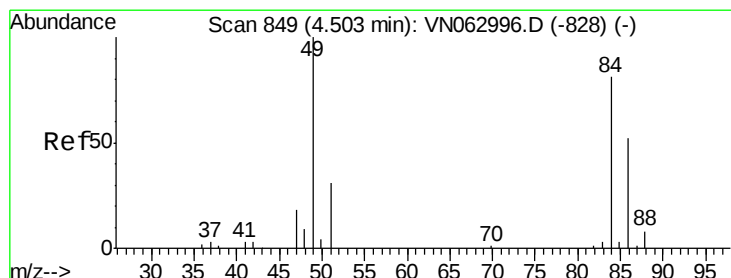
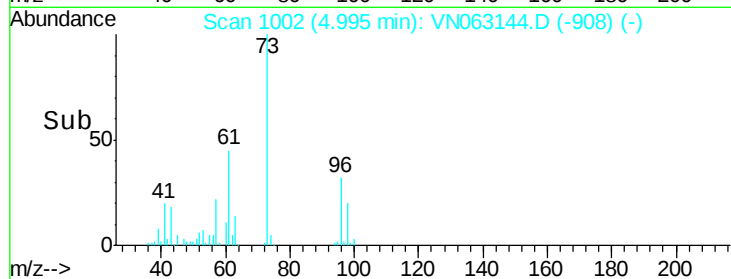
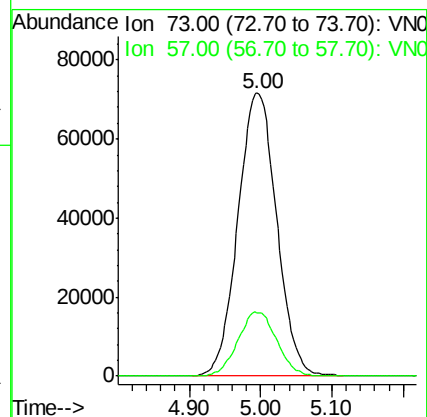
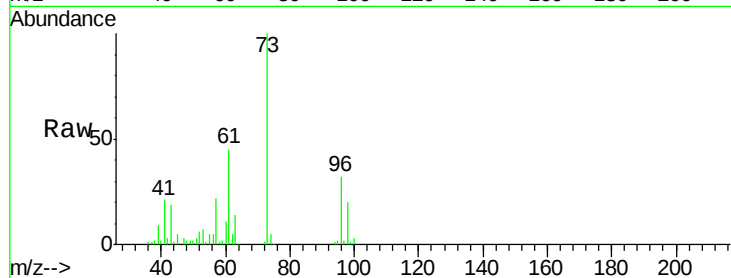
57 22.5 18.1 27.1

Manual Integrations

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#20

Methylene Chloride

Concen: 44.890 ug/l

RT: 4.51 min Scan# 851

Delta R.T. 0.01 min

Lab File: VN063144.D

Acq: 26 Aug 2020 19:47

Tgt Ion: 84 Resp: 87574

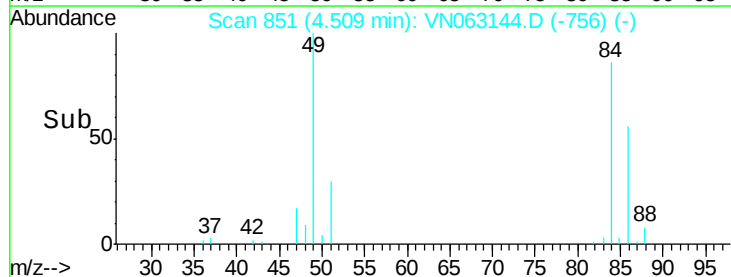
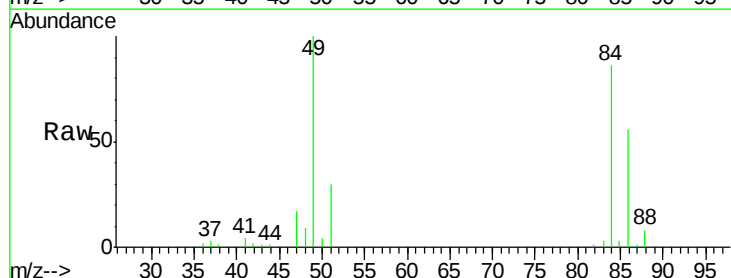
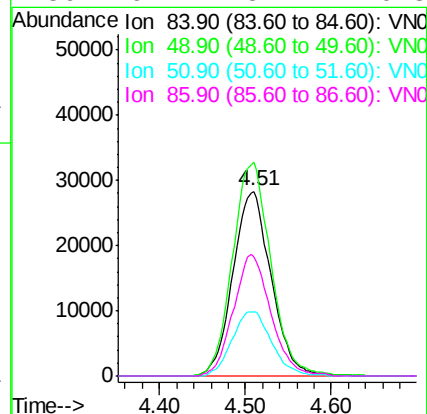
Ion Ratio Lower Upper

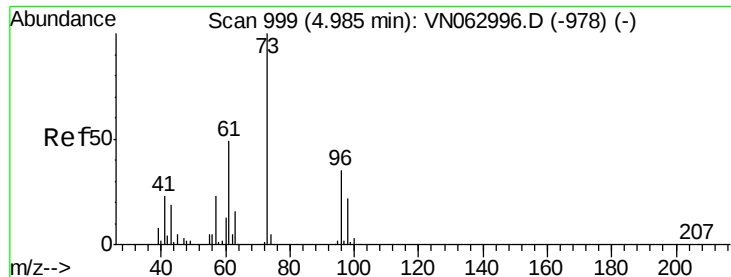
84 100

49 115.7 98.7 148.1

51 35.0 30.8 46.2

86 64.7 51.2 76.8





#21

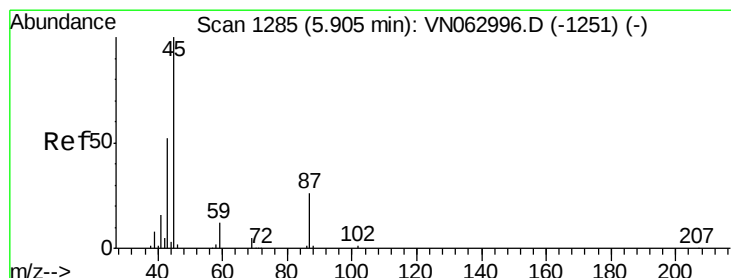
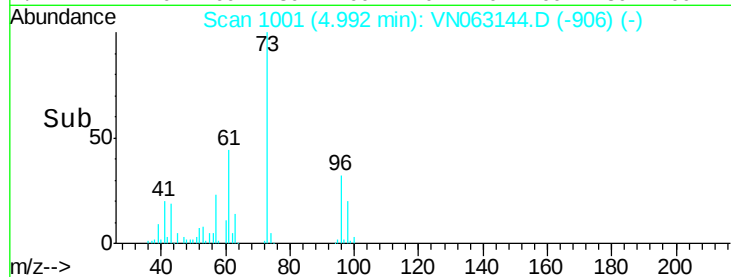
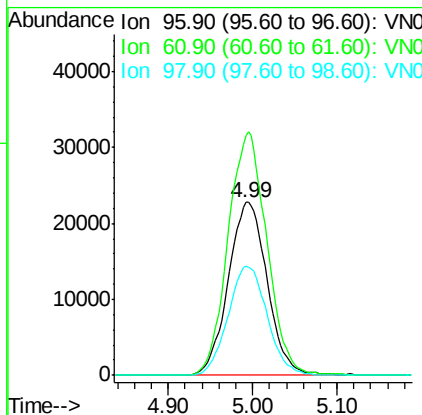
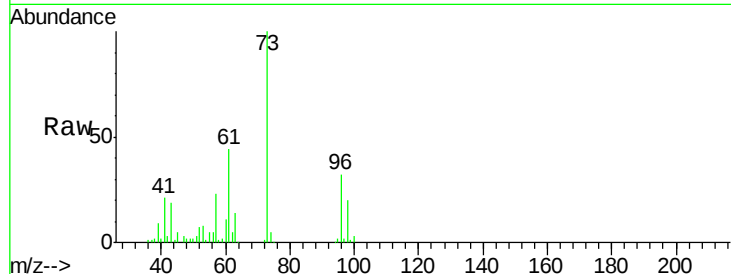
trans-1,2-Dichloroethene
Concen: 44.214 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VN063144.D
Acq: 26 Aug 2020 19:47

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

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.4	112.5	168.7
98	62.9	49.4	74.0

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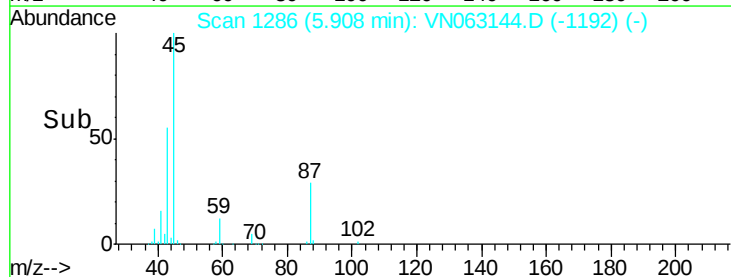
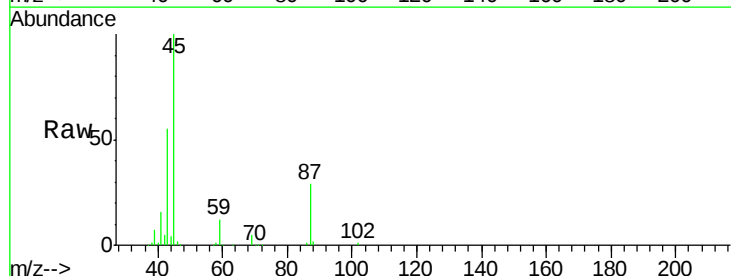
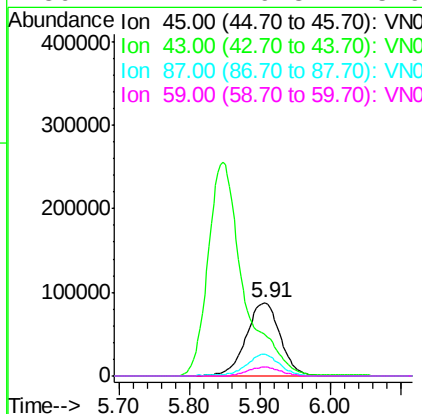
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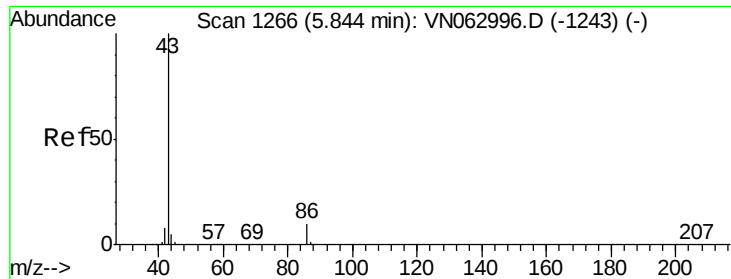


#22

Diisopropyl ether
Concen: 46.870 ug/l
RT: 5.91 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VN063144.D
Acq: 26 Aug 2020 19:47

Tgt Ion	Ratio	Lower	Upper
45	100		
43	54.1	45.7	68.5
87	29.0	21.8	32.6
59	12.1	9.3	13.9





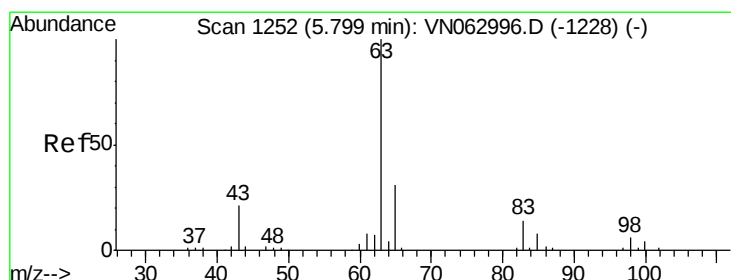
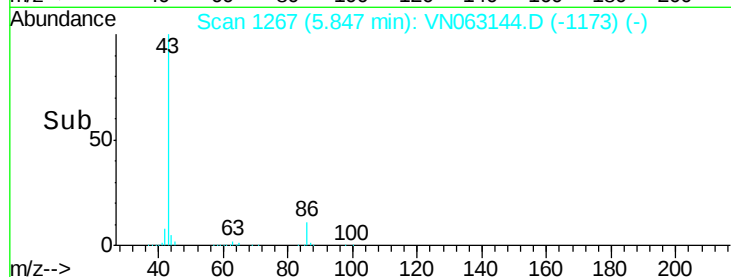
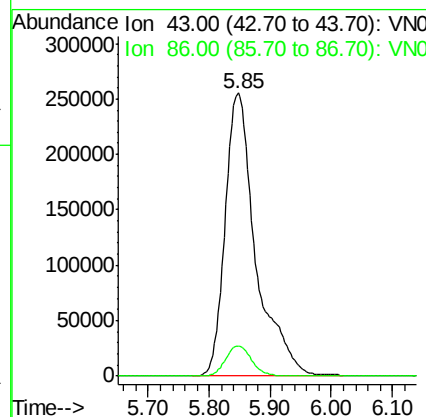
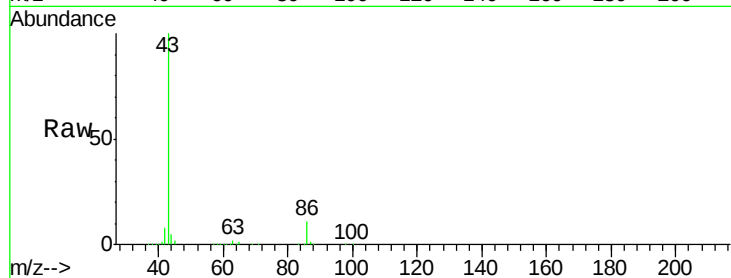
#23
 Vinyl Acetate
 Concen: 209.131 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: VN063144.D
 Acq: 26 Aug 2020 19:47

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

Tot Ion	43	Resp	892132
Ion Ratio	Lower	Upper	
43	100		
86	10.8	8.0	12.0

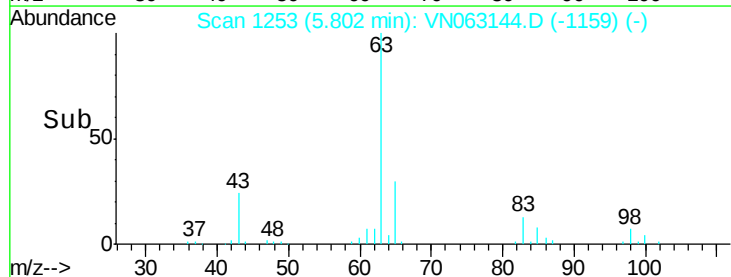
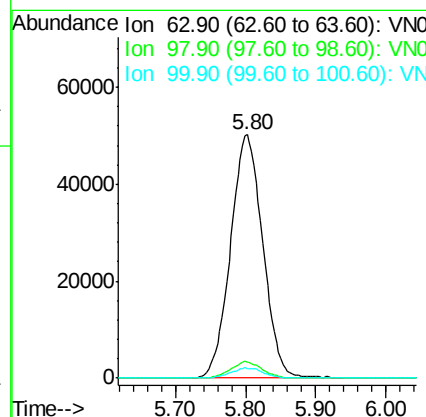
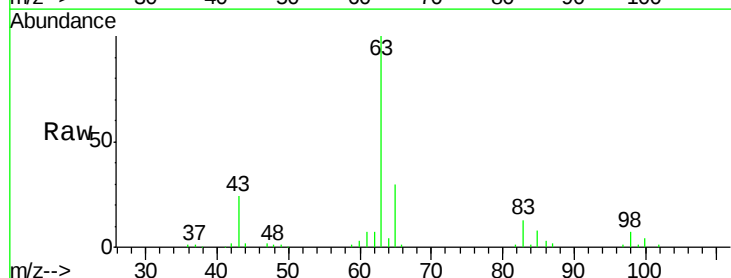
Manual Integrations
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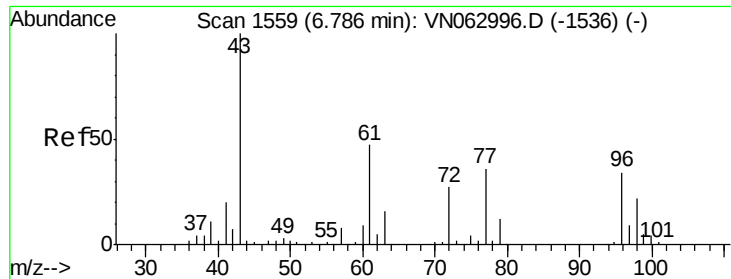
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 45.348 ug/l
 RT: 5.80 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: VN063144.D
 Acq: 26 Aug 2020 19:47

Tgt Ion	63	Resp	160196
Ion Ratio	Lower	Upper	
63	100		
98	6.7	2.9	8.7
100	4.0	2.0	5.8





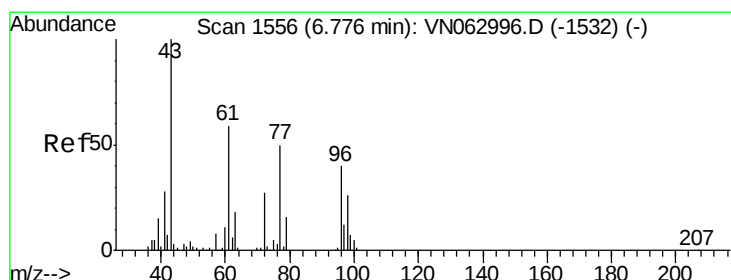
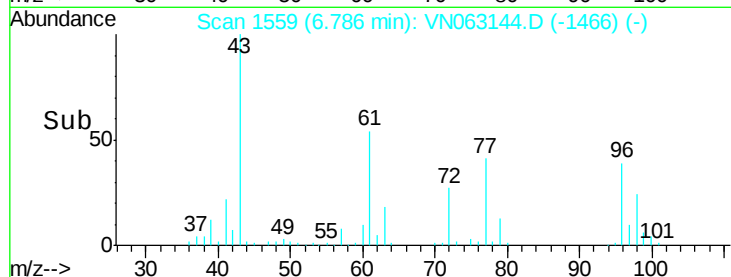
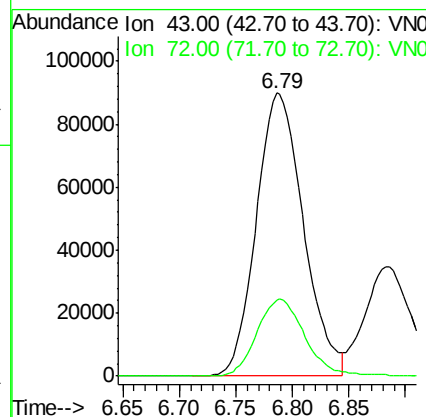
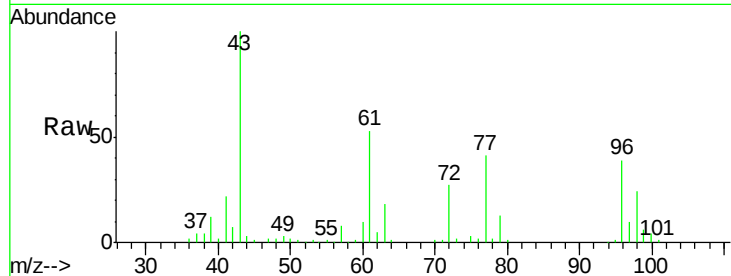
#25
2-Butanone
Concen: 222.340 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VN063144.D
Acq: 26 Aug 2020 19:47

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

Tot Ion: 43 Resp: 260400
Ion Ratio Lower Upper
43 100
72 26.7 21.8 32.6

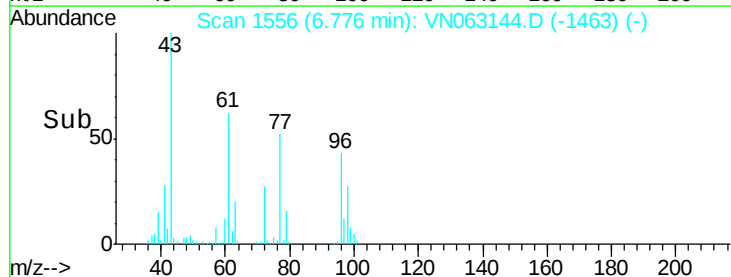
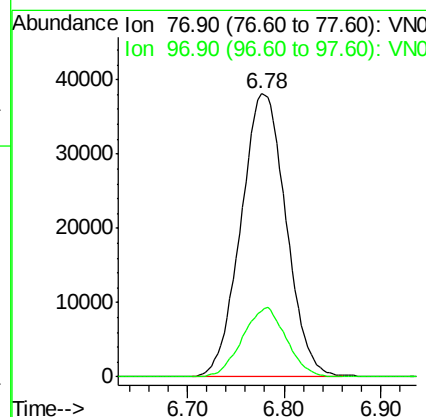
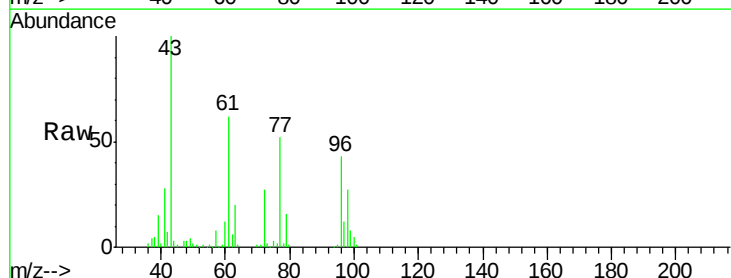
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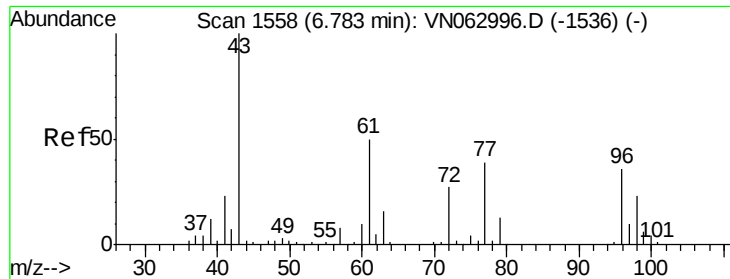
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#26
2,2-Dichloropropane
Concen: 44.531 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. -0.00 min
Lab File: VN063144.D
Acq: 26 Aug 2020 19:47

Tgt Ion: 77 Resp: 123713
Ion Ratio Lower Upper
77 100
97 23.6 11.7 35.1





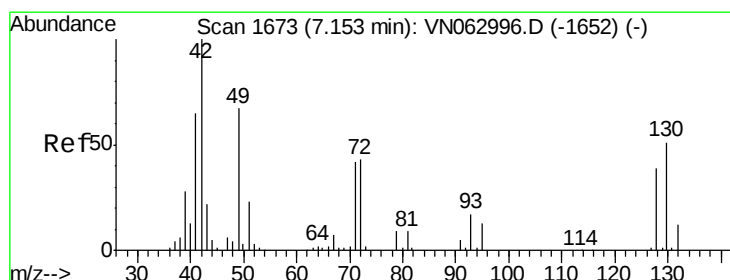
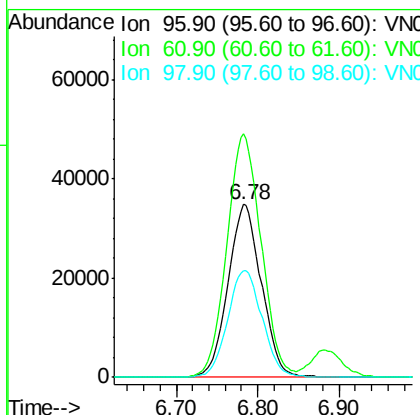
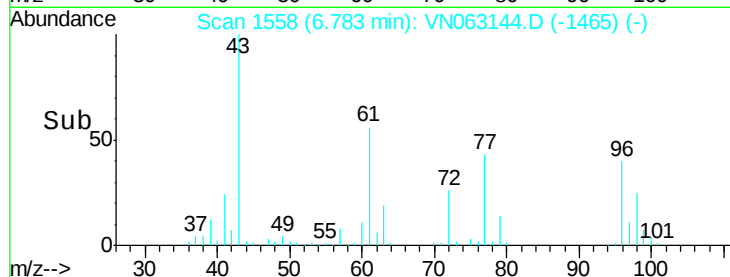
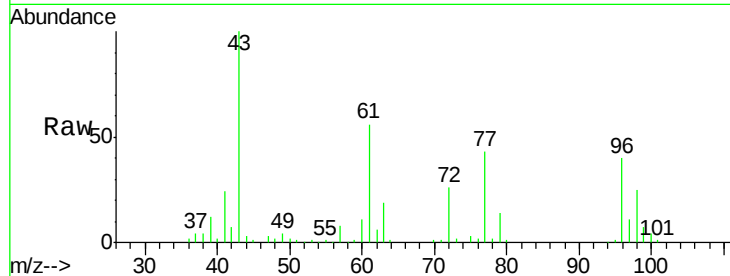
#27
 cis-1,2-Dichloroethene
 Concen: 48.110 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VN063144.D
 Acq: 26 Aug 2020 19:47

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

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	144.6	0.0	292.8	
98	63.9	0.0	130.6	

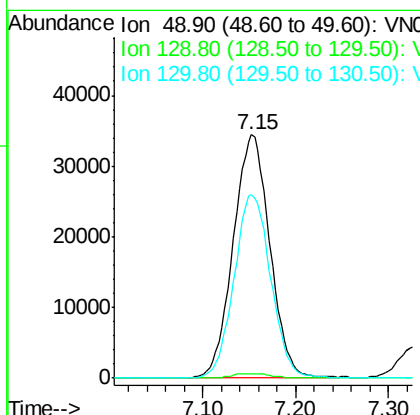
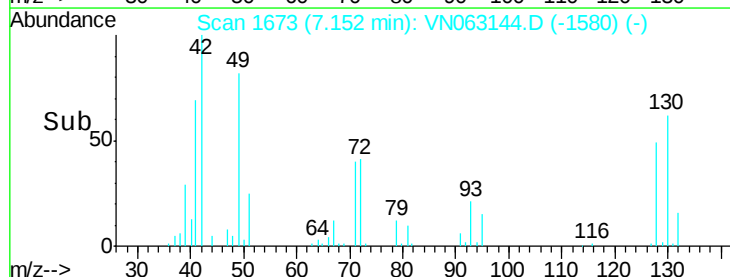
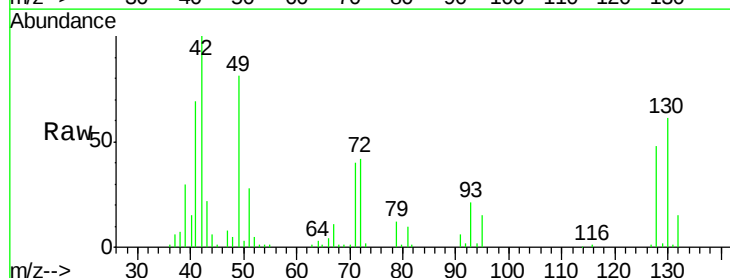
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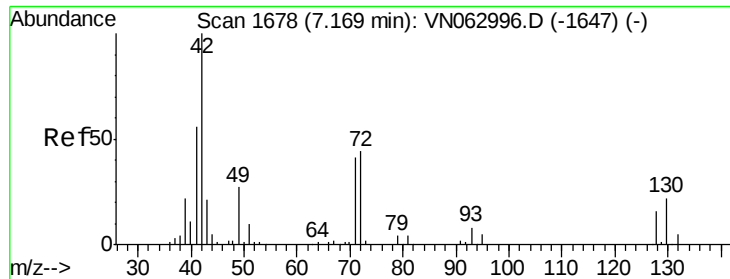
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#28
 Bromochloromethane
 Concen: 51.194 ug/l
 RT: 7.15 min Scan# 1673
 Delta R.T. -0.00 min
 Lab File: VN063144.D
 Acq: 26 Aug 2020 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.9	0.0	3.6	
130	75.3	61.1	91.7	





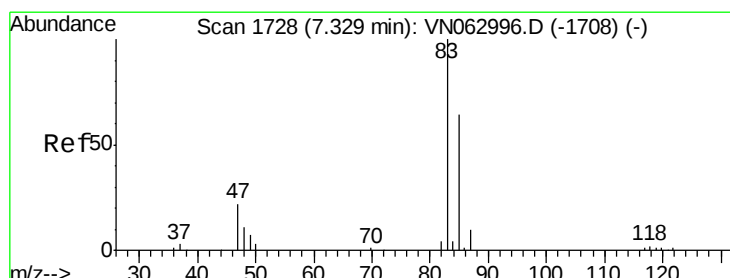
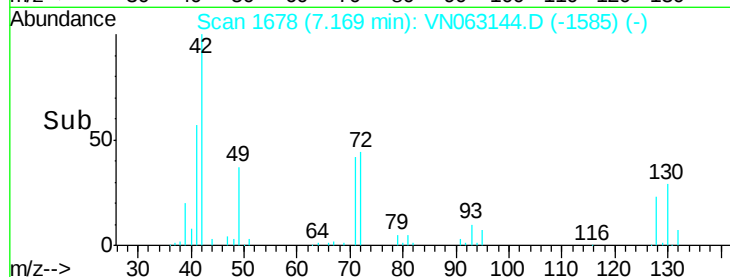
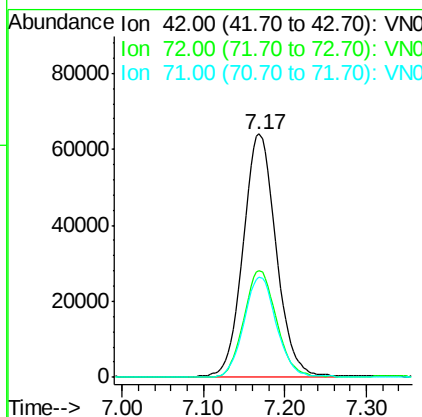
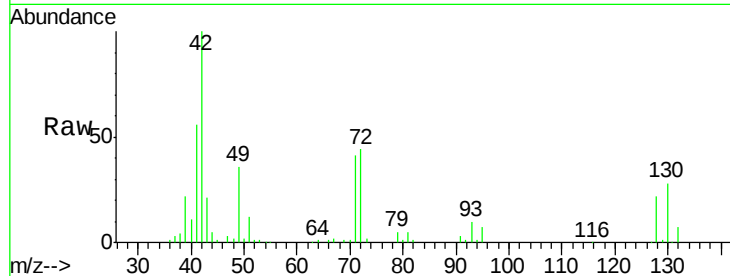
#29
Tetrahydrofuran
Concen: 237.573 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN063144.D
Acq: 26 Aug 2020 19:47

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

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.2	34.6	52.0
71	40.6	32.3	48.5

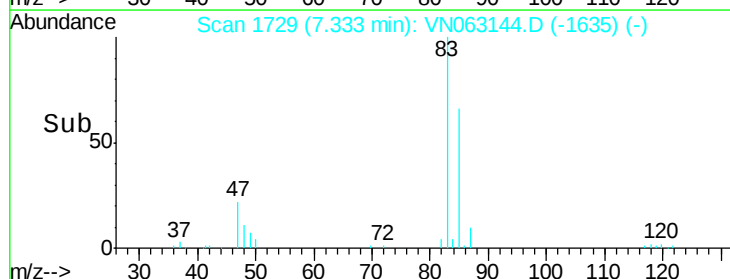
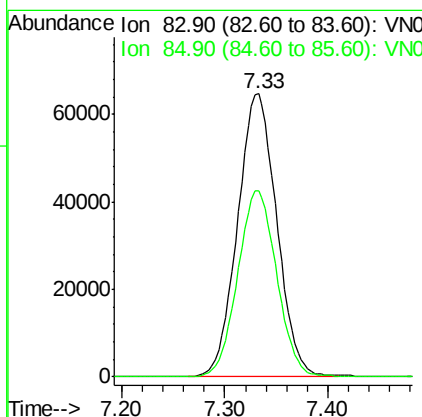
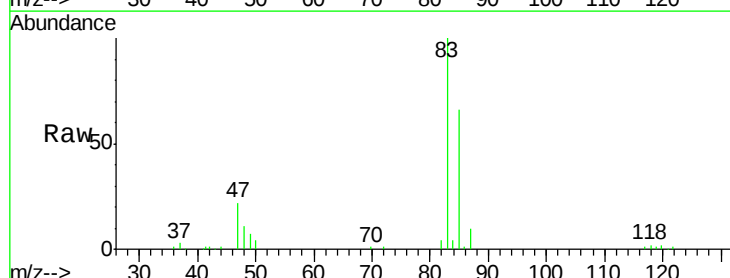
Manual Integrations
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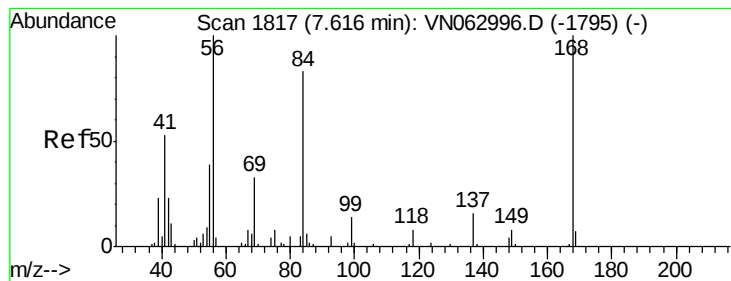
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#30
Chloroform
Concen: 48.024 ug/l
RT: 7.33 min Scan# 1729
Delta R.T. 0.00 min
Lab File: VN063144.D
Acq: 26 Aug 2020 19:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.5	77.3





#31

Cyclohexane

Concen: 43.563 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VN063144.D

Acq: 26 Aug 2020 19:47

Instrument :

MSVOA_N

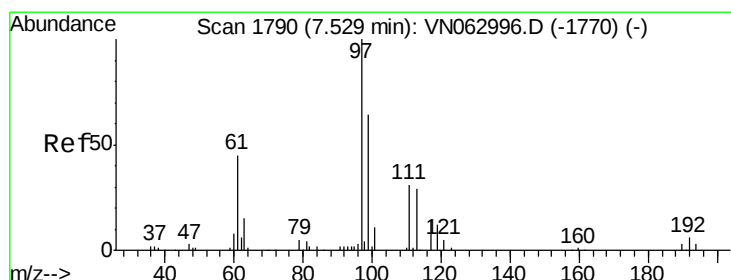
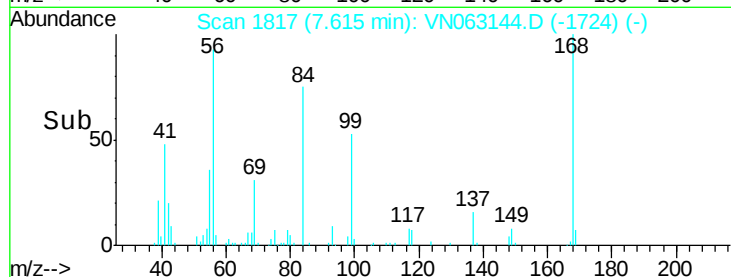
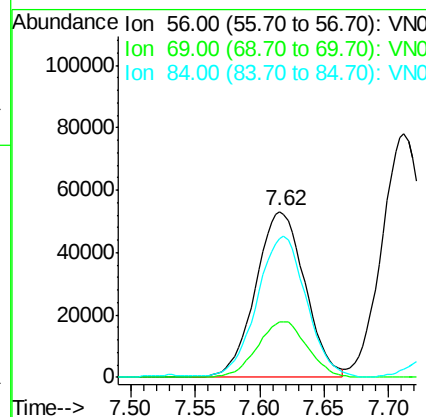
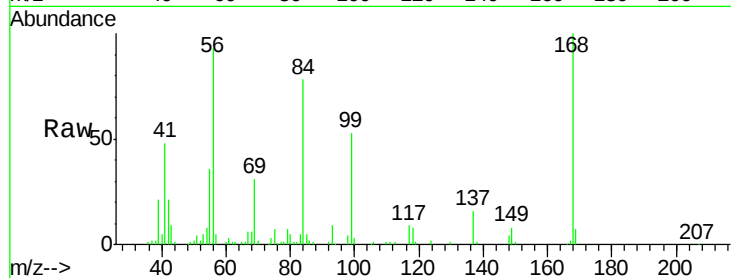
ClientSampleId :

BP-VPB181-GW-498-500MSD

Tot Ion:	56	Resp:	141637
Ion Ratio	Lower	Upper	
56	100		
69	33.3	26.6	40.0
84	83.0	66.4	99.6

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#32

1,1,1-Trichloroethane

Concen: 48.099 ug/l

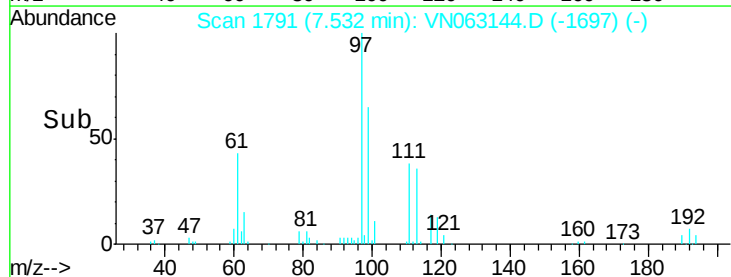
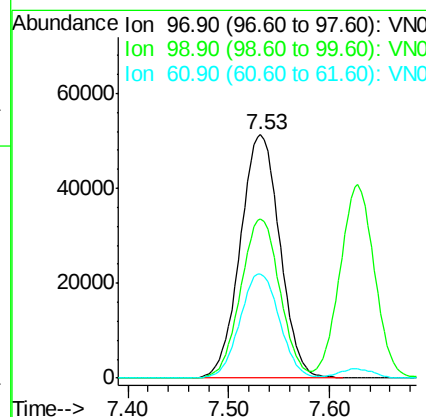
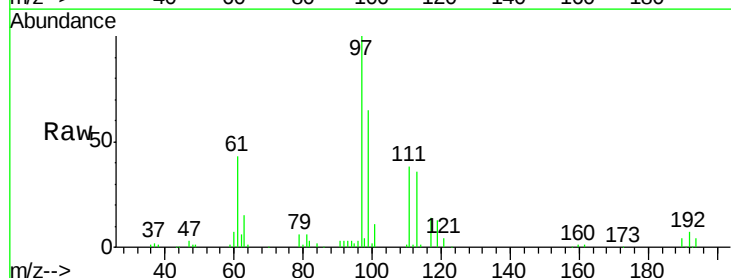
RT: 7.53 min Scan# 1791

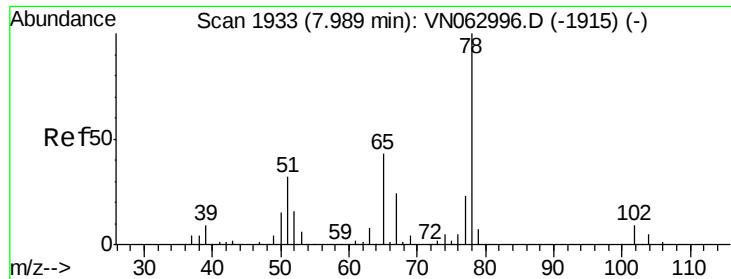
Delta R.T. 0.00 min

Lab File: VN063144.D

Acq: 26 Aug 2020 19:47

Tgt Ion:	97	Resp:	139706
Ion Ratio	Lower	Upper	
97	100		
99	64.8	52.0	78.0
61	42.9	36.2	54.4





#33

1,2-Dichloroethane-d4

Concen: 49.603 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN063144.D

Acq: 26 Aug 2020 19:47

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-498-500MSD

Tot Ion: 65 Resp: 109424

Ion Ratio Lower Upper

65 100

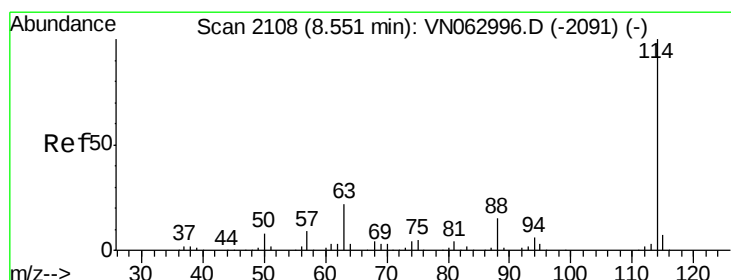
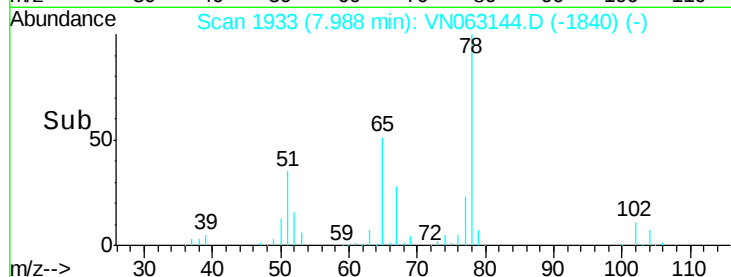
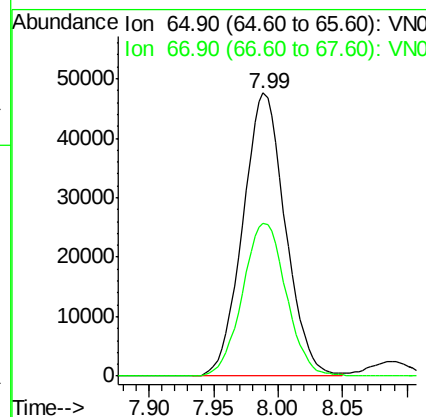
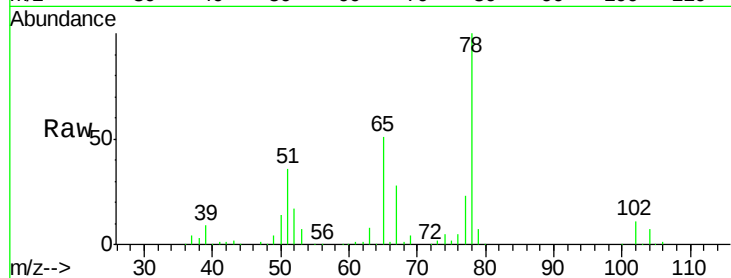
67 55.4 0.0 112.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN063144.D

Acq: 26 Aug 2020 19:47

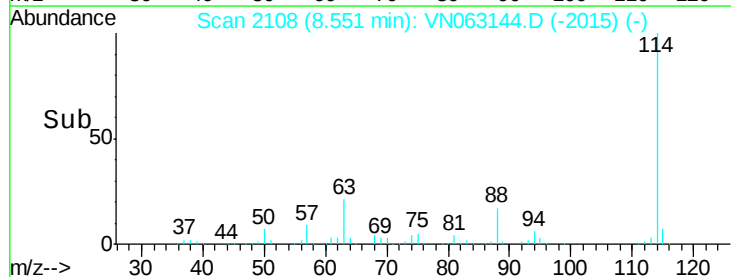
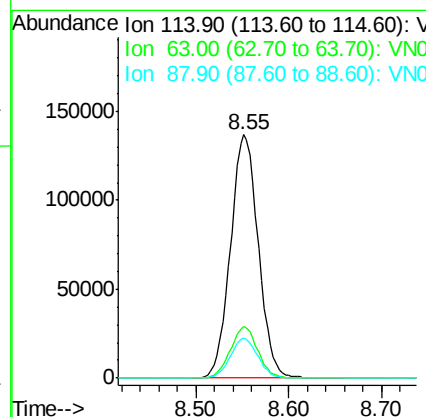
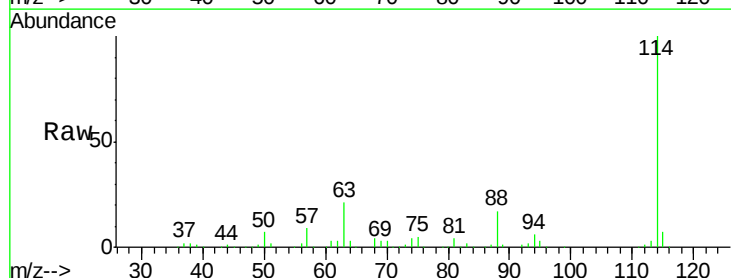
Tgt Ion: 114 Resp: 284673

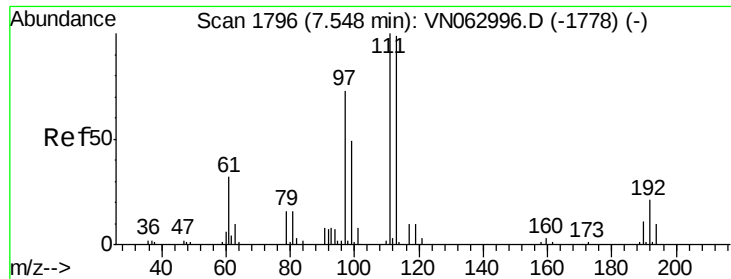
Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.2

88 16.5 0.0 30.6





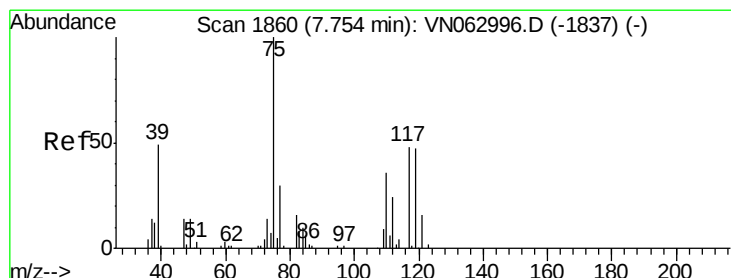
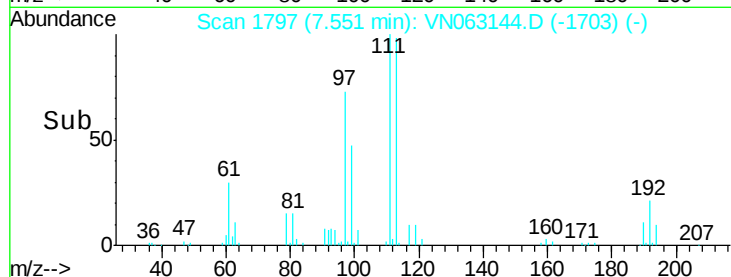
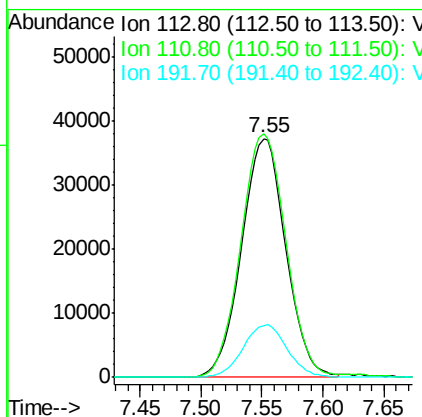
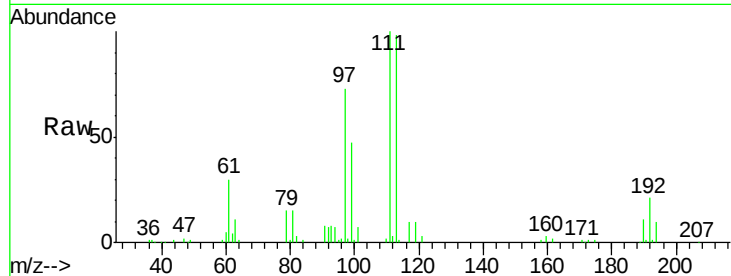
#35
Dibromofluoromethane
Concen: 50.353 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN063144.D
Acq: 26 Aug 2020 19:47

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

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.3	81.7	122.5
192	21.9	17.5	26.3

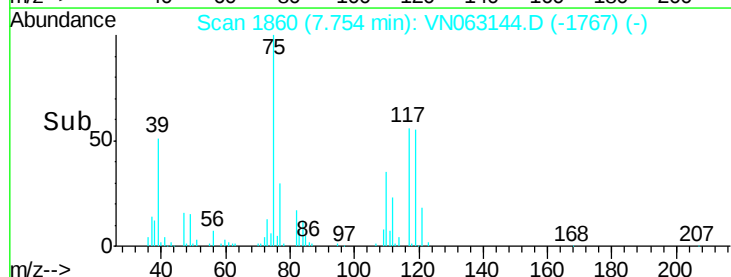
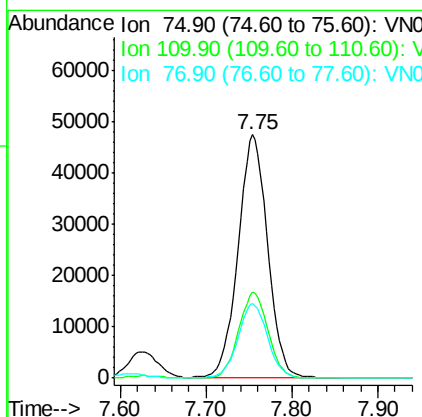
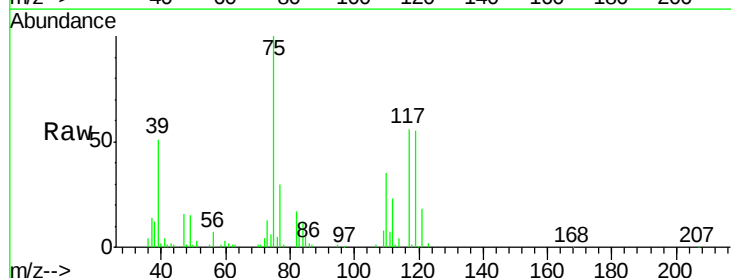
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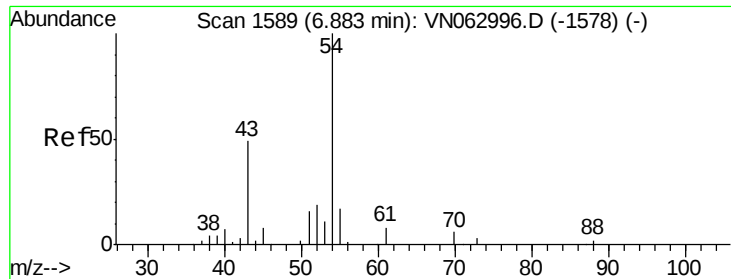
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#36
1,1-Dichloropropene
Concen: 45.130 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VN063144.D
Acq: 26 Aug 2020 19:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.5	52.6
77	30.7	24.2	36.4





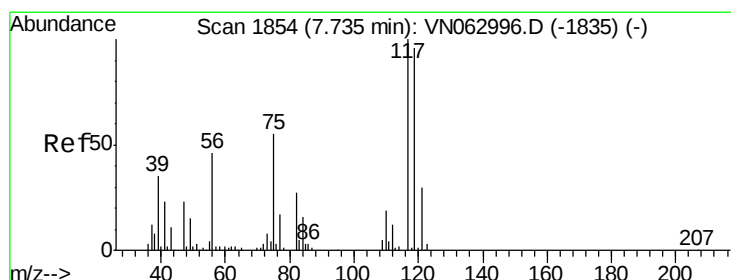
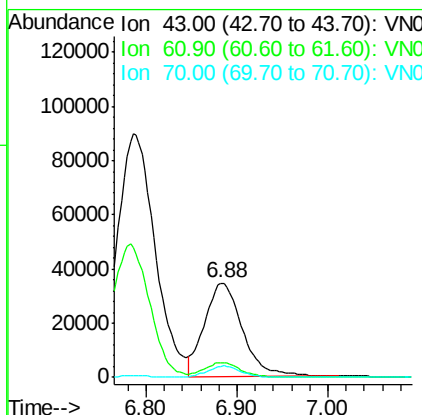
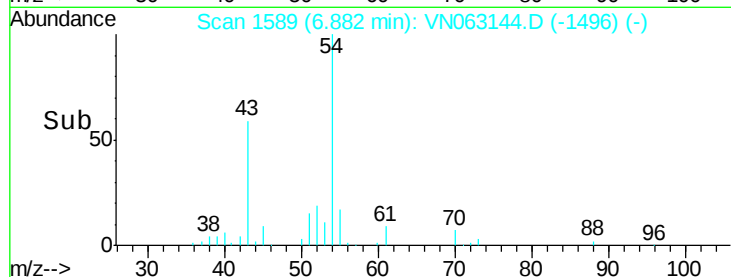
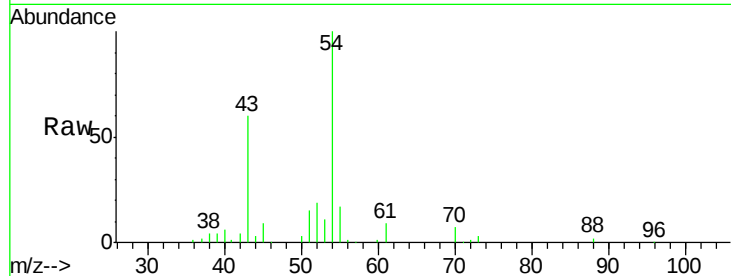
#37
Ethyl Acetate
Concen: 42.748 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN063144.D
Acq: 26 Aug 2020 19:47

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

Tot Ion	43	Resp	100486
Ion Ratio	Lower	Upper	
43	100		
61	14.3	11.8	17.8
70	10.5	8.2	12.2

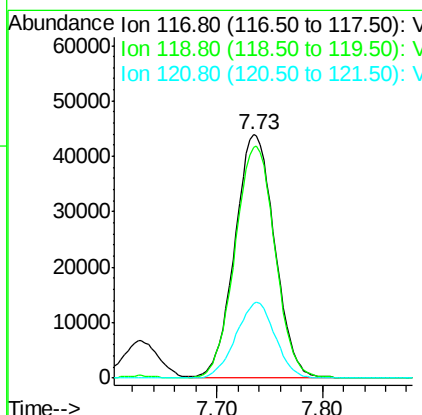
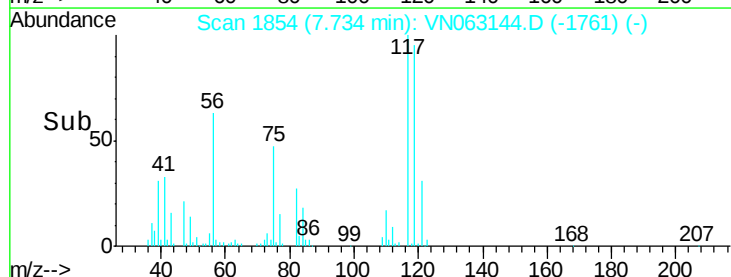
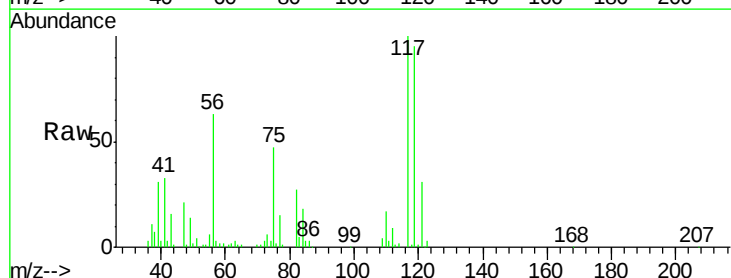
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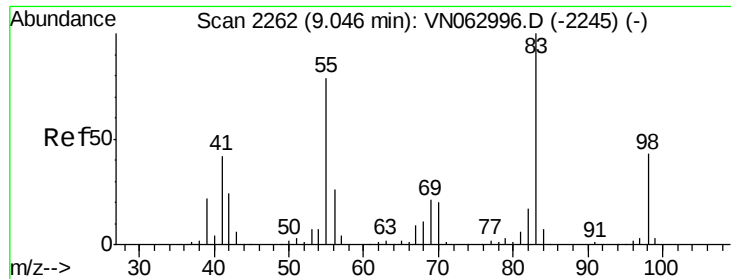
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#38
Carbon Tetrachloride
Concen: 45.534 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN063144.D
Acq: 26 Aug 2020 19:47

Tgt Ion	117	Resp	115325
Ion Ratio	Lower	Upper	
117	100		
119	95.0	76.2	114.4
121	30.5	24.2	36.2





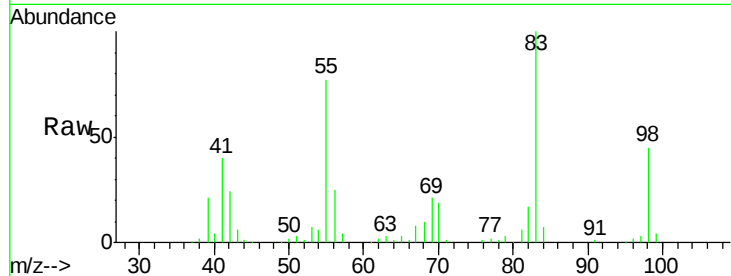
#39
Methvlcvclohexane
Concen: 35.687 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VN063144.D
Acq: 26 Aug 2020 19:47

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

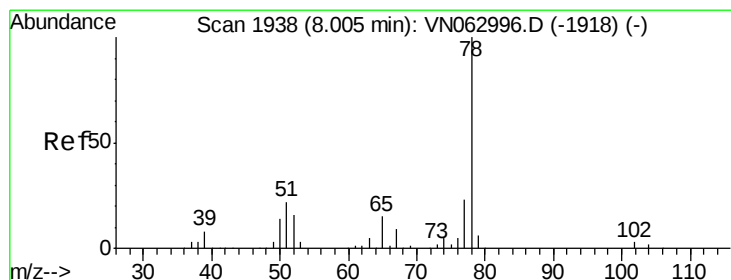
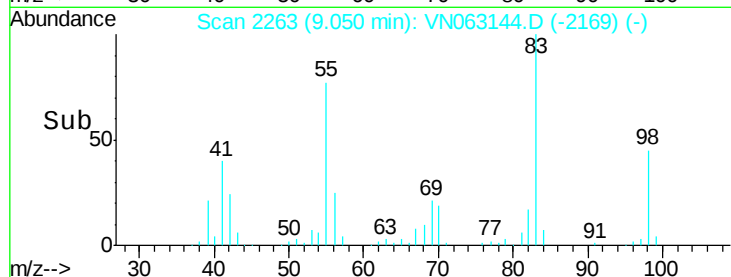
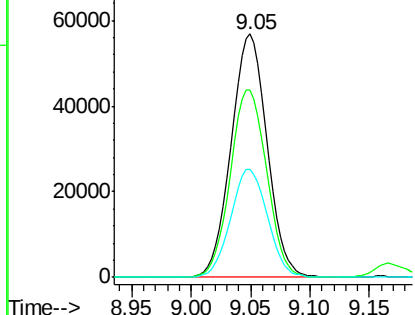
Tot Ion	Ratio	Lower	Upper
83	100		
55	77.0	63.3	94.9
98	44.5	34.2	51.4

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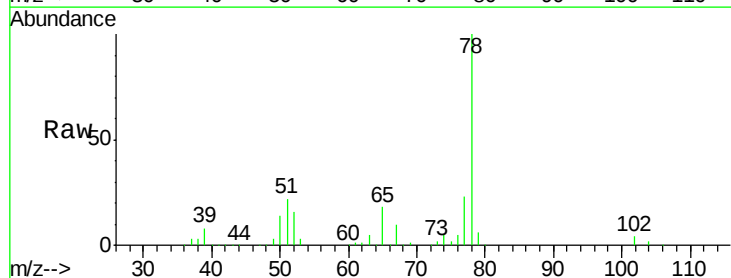


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

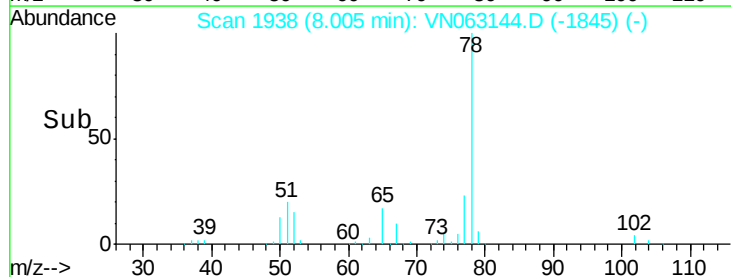
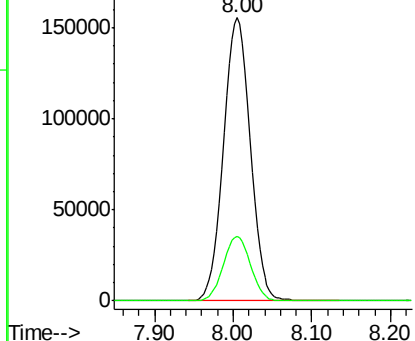


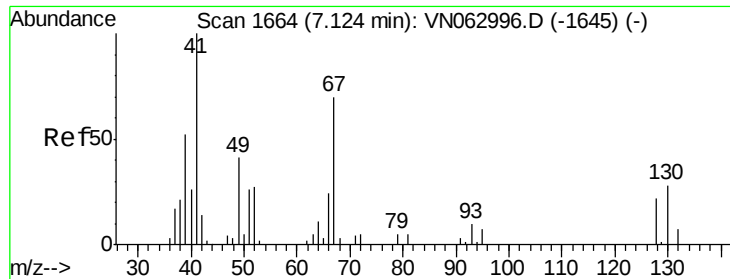
#40
Benzene
Concen: 46.028 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN063144.D
Acq: 26 Aug 2020 19:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.8	28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





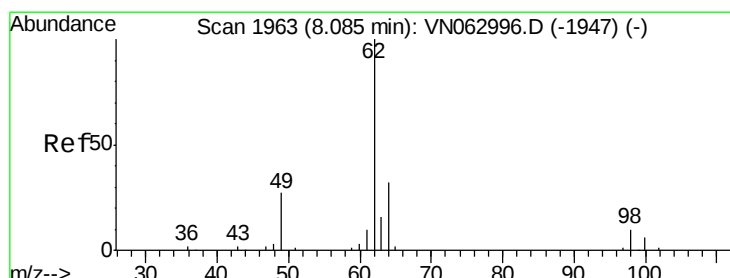
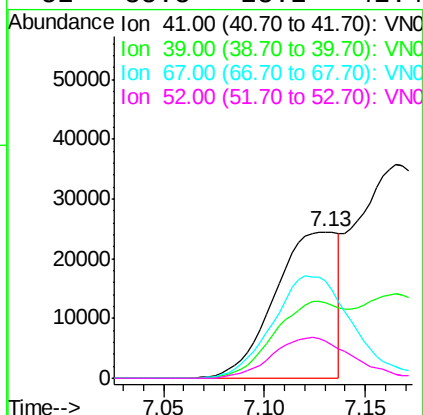
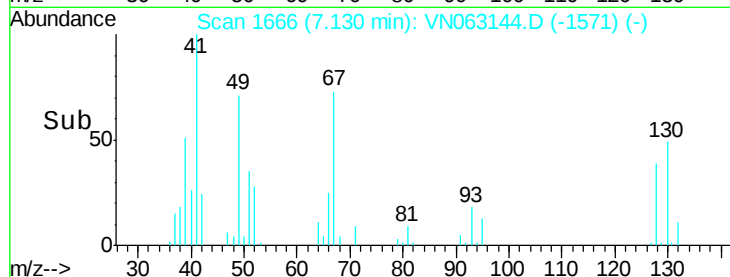
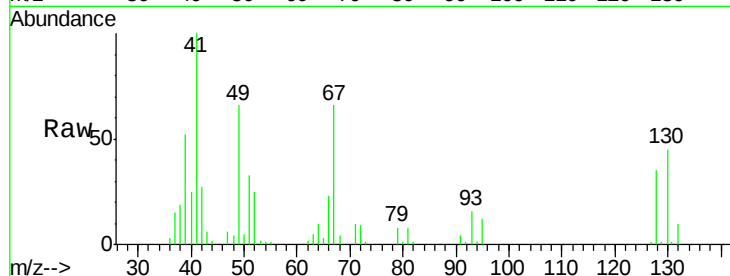
#41
Methacrylonitrile
Concen: 47.279 ug/l
RT: 7.13 min Scan# 1666
Delta R.T. 0.01 min
Lab File: VN063144.D
Acq: 26 Aug 2020 19:47

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

Tot Ion	Ratio	Lower	Upper
41	100		
39	60.2	41.6	62.4
67	89.8	71.8	107.8
52	35.8	28.2	42.4

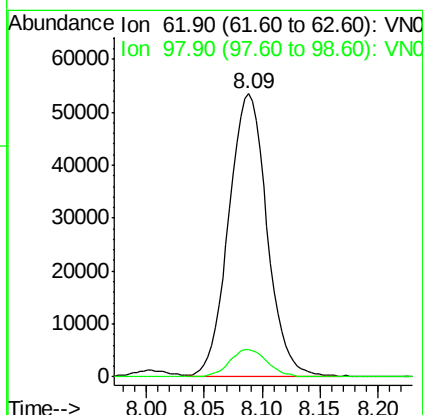
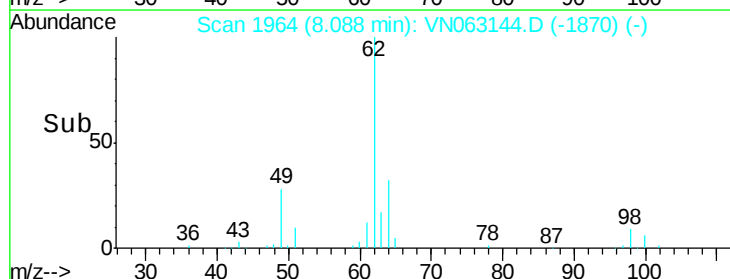
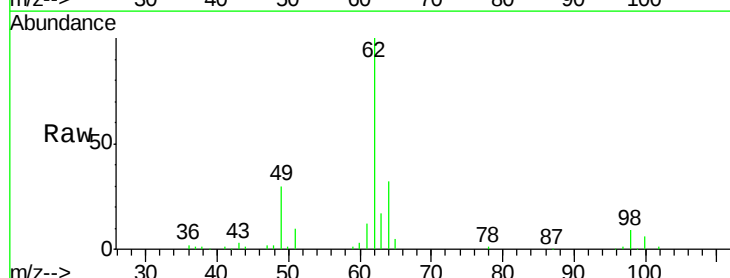
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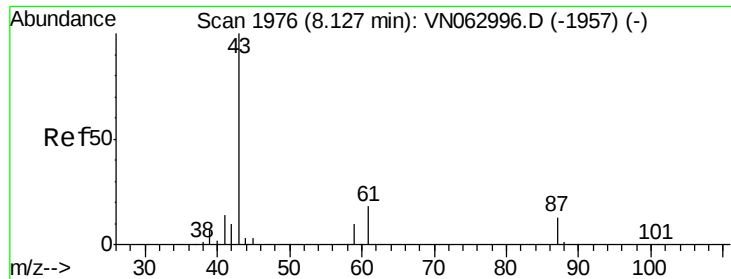
MMDadoda
8/27/2020 1:28:31 PM



#42
1,2-Dichloroethane
Concen: 45.771 ug/l
RT: 8.09 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VN063144.D
Acq: 26 Aug 2020 19:47

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.4





#43

Isopropyl Acetate

Concen: 45.428 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN063144.D

Acq: 26 Aug 2020 19:47

Instrument :

MSVOA_N

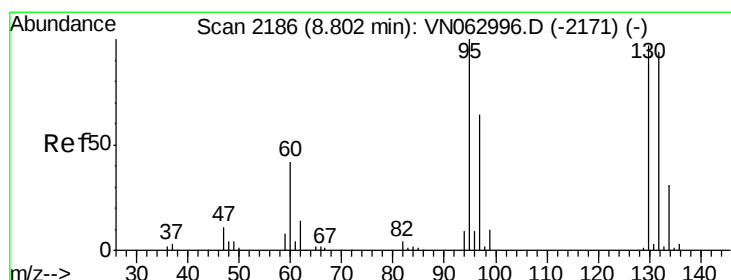
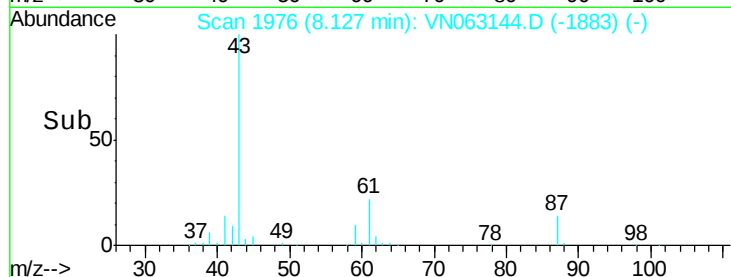
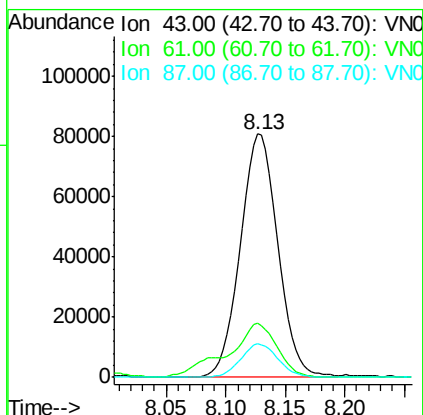
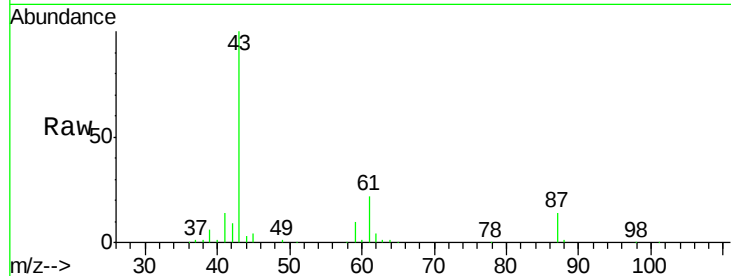
ClientSampleId :

BP-VPB181-GW-498-500MSD

Tot Ion:	43	Resp:	176914
Ion	Ratio	Lower	Upper
43	100		
61	29.4	22.6	33.8
87	13.6	10.5	15.7

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#44

Trichloroethene

Concen: 46.753 ug/l

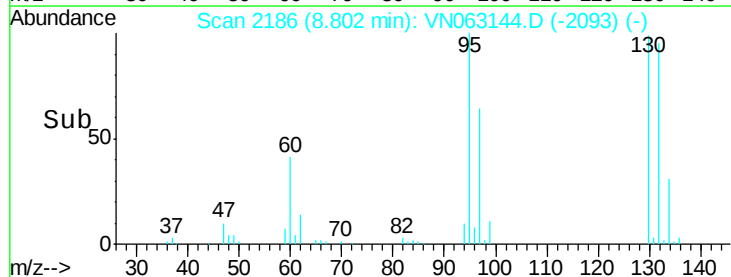
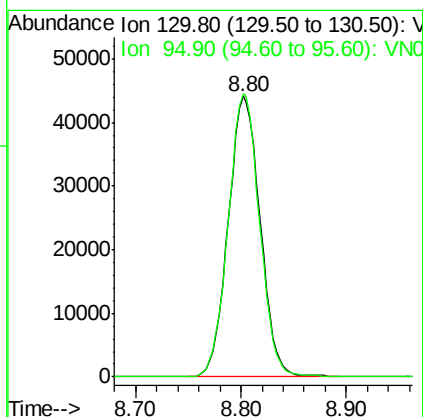
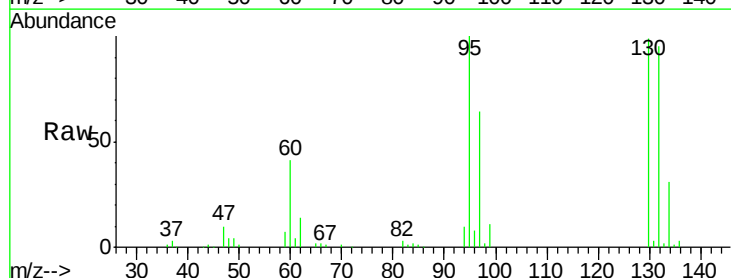
RT: 8.80 min Scan# 2186

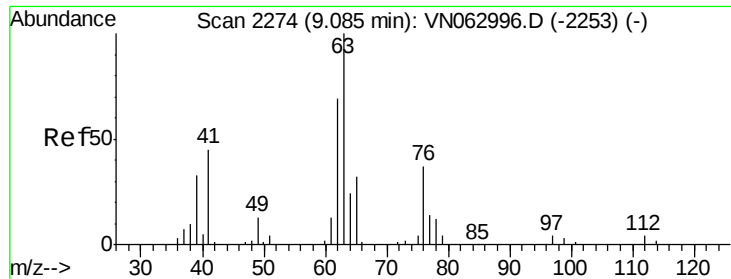
Delta R.T. -0.00 min

Lab File: VN063144.D

Acq: 26 Aug 2020 19:47

Tgt Ion:	130	Resp:	92532
Ion	Ratio	Lower	Upper
130	100		
95	101.0	0.0	205.6





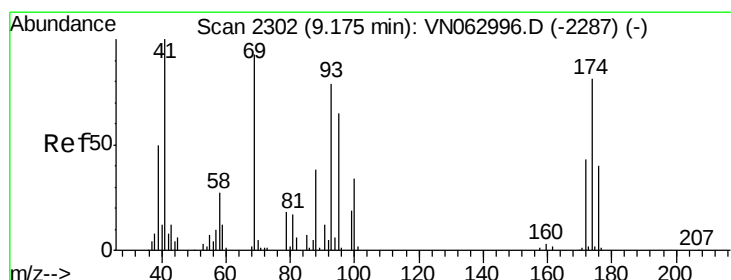
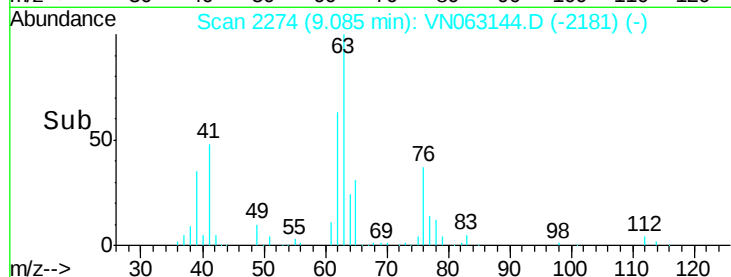
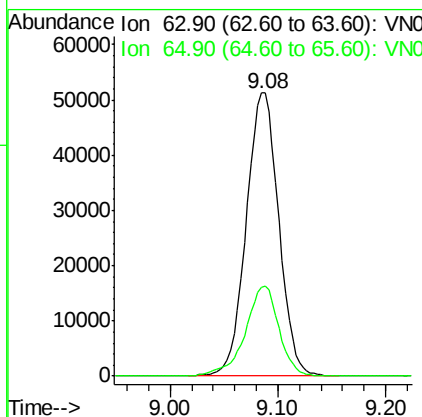
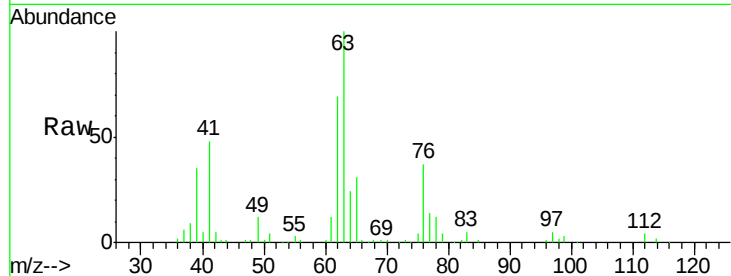
#45
 1,2-Dichloropropane
 Concen: 46.751 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN063144.D
 Acq: 26 Aug 2020 19:47

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

Tot Ion: 63 Resp: 107524
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.6 38.4

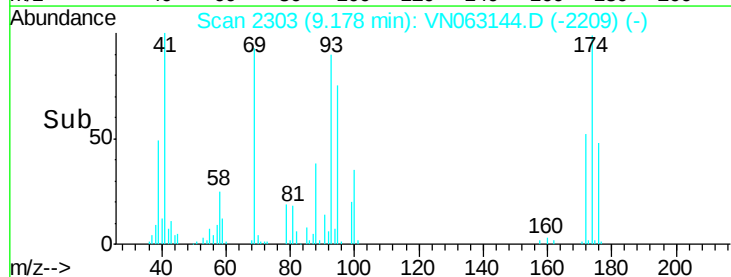
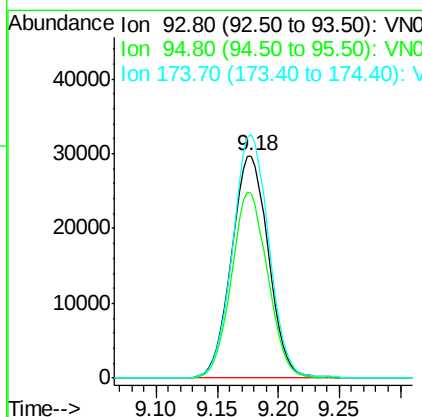
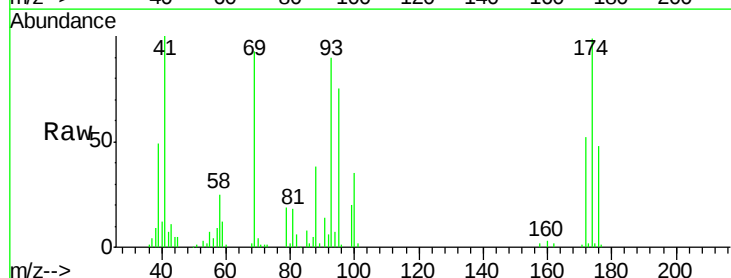
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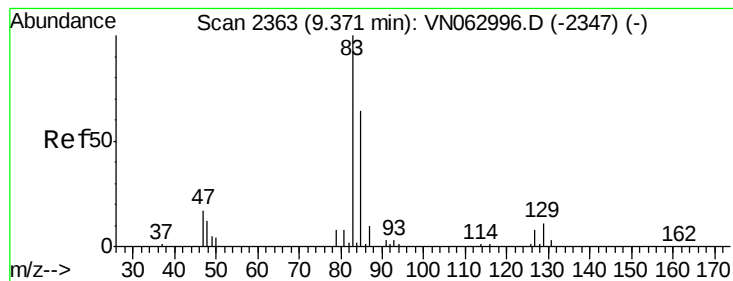
MMDadoda
 8/27/2020 1:28:31 PM



#46
 Dibromomethane
 Concen: 46.997 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. 0.00 min
 Lab File: VN063144.D
 Acq: 26 Aug 2020 19:47

Tgt Ion: 93 Resp: 62443
 Ion Ratio Lower Upper
 93 100
 95 82.0 66.2 99.4
 174 107.3 84.6 127.0





#47

Bromodichloromethane

Concen: 47.035 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN063144.D

Acq: 26 Aug 2020 19:47

Instrument :

MSVOA_N

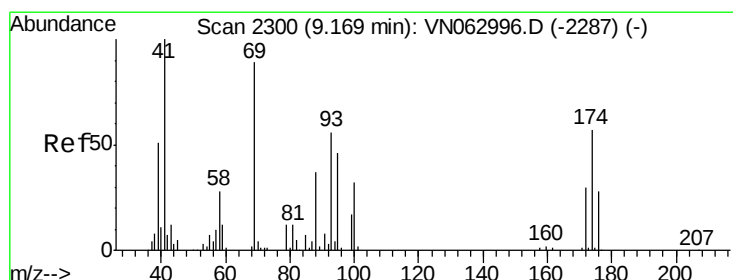
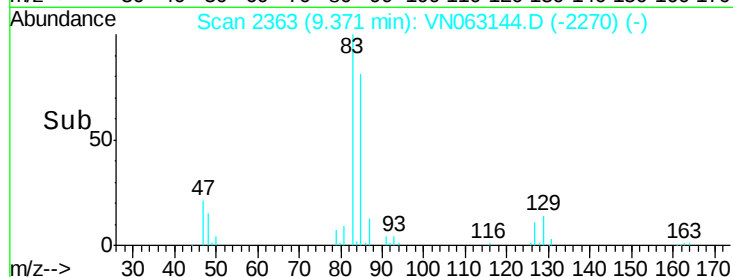
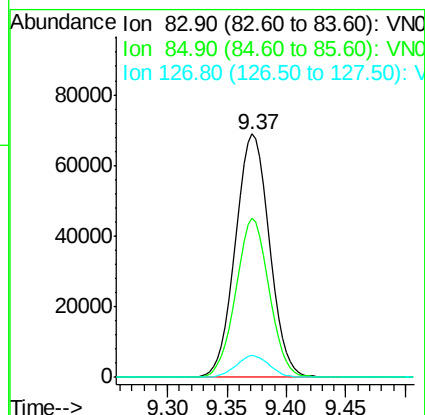
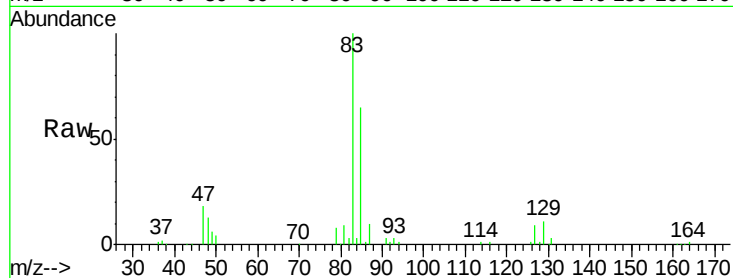
ClientSampleId :

BP-VPB181-GW-498-500MSD

Tot Ion:	83	Resp:	136875
Ion Ratio	Lower	Upper	
83	100		
85	65.2	51.1	76.7
127	9.0	6.6	9.8

Manual Integrations
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8/27/2020 1:28:31 PM



#48

Methyl methacrylate

Concen: 46.875 ug/l

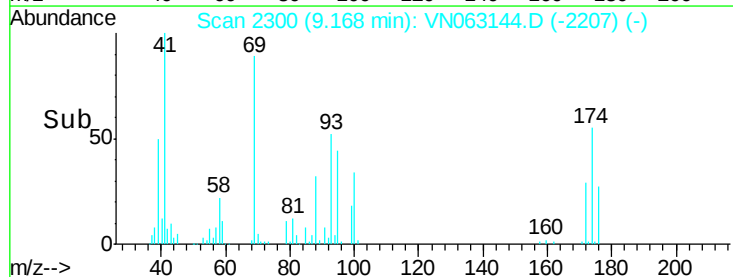
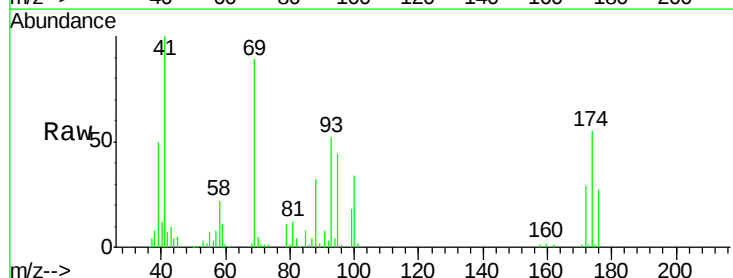
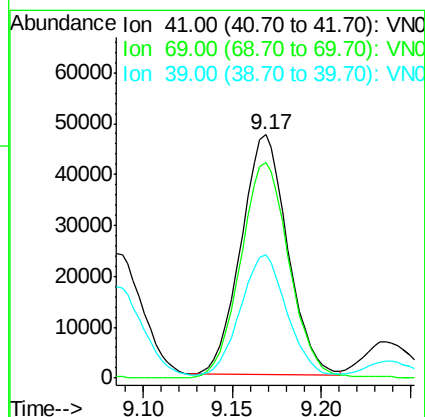
RT: 9.17 min Scan# 2300

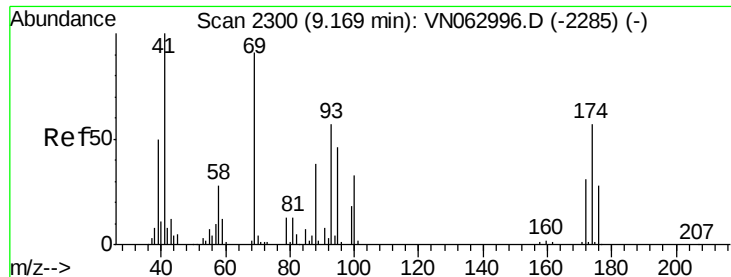
Delta R.T. -0.00 min

Lab File: VN063144.D

Acq: 26 Aug 2020 19:47

Tgt Ion:	41	Resp:	86371
Ion Ratio	Lower	Upper	
41	100		
69	93.9	74.2	111.4
39	52.5	42.5	63.7





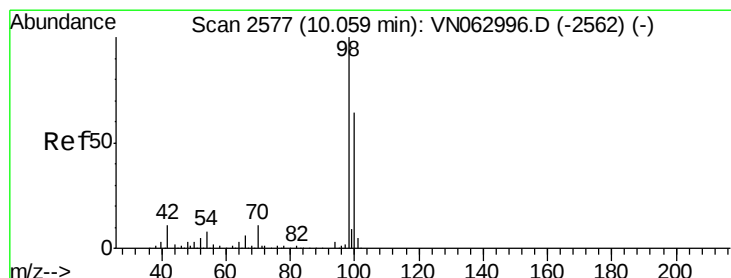
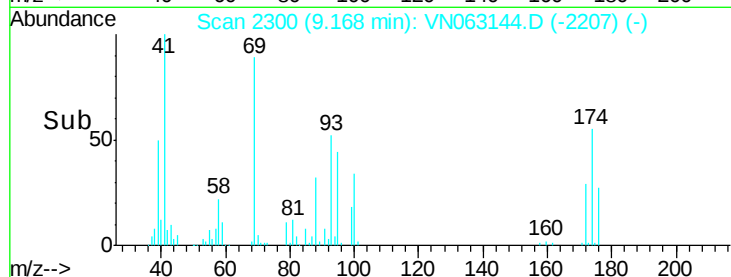
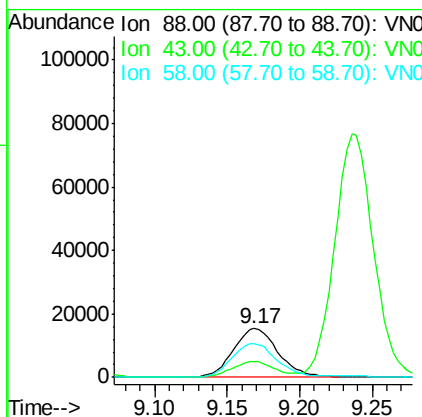
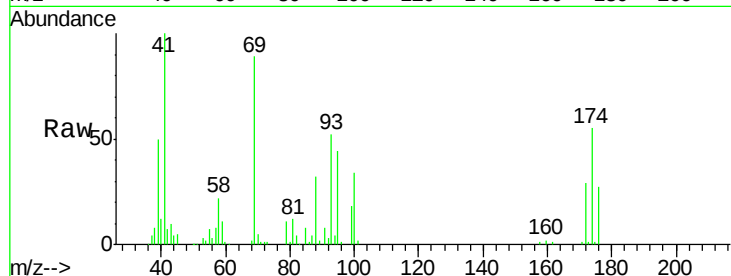
#49
1,4-Dioxane
Concen: 817.439 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN063144.D
Acq: 26 Aug 2020 19:47

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

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.6	25.2	37.8
58	70.6	56.7	85.1

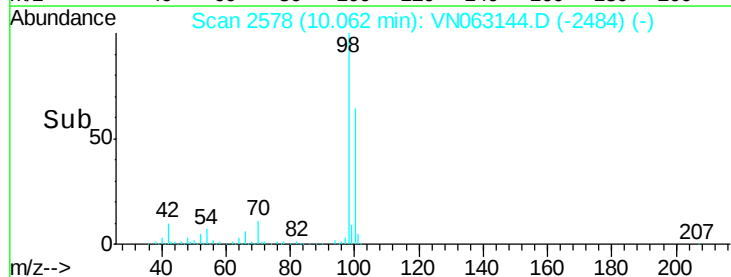
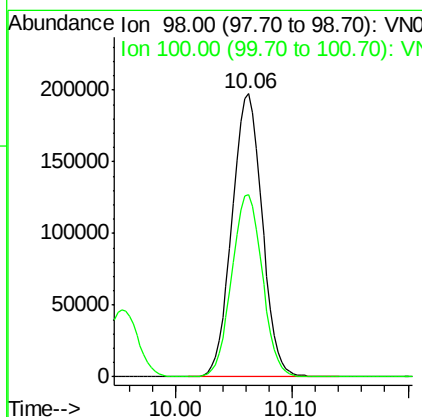
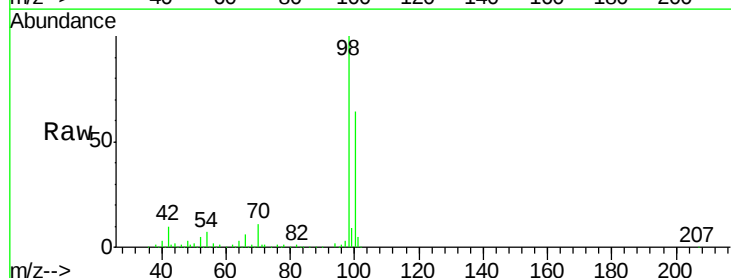
Manual Integrations
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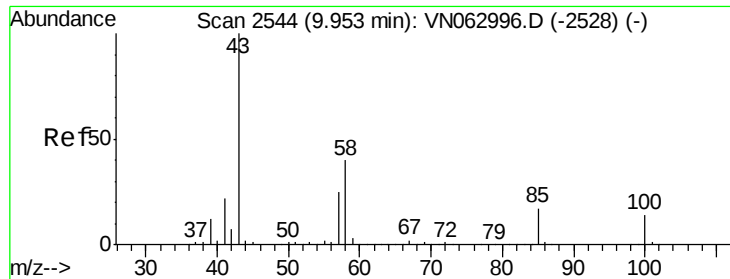
MMDadoda
8/27/2020 1:28:31 PM



#50
Toluene-d8
Concen: 50.143 ug/l
RT: 10.06 min Scan# 2578
Delta R.T. 0.00 min
Lab File: VN063144.D
Acq: 26 Aug 2020 19:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 228.711 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN063144.D

Acq: 26 Aug 2020 19:47

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-498-500MSD

Tot Ion: 43 Resp: 562986

Ion Ratio Lower Upper

43 100

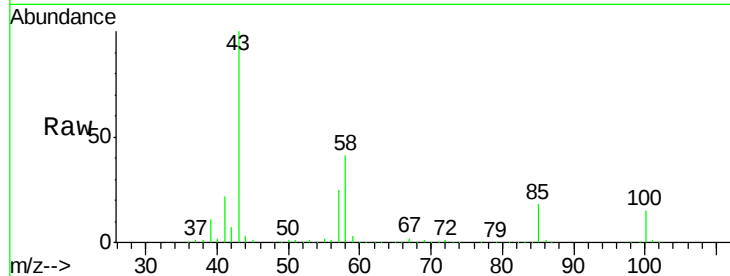
58 40.9 32.2 48.2

Manual Integrations

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MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN062996.D (-2528) (-)

9.95

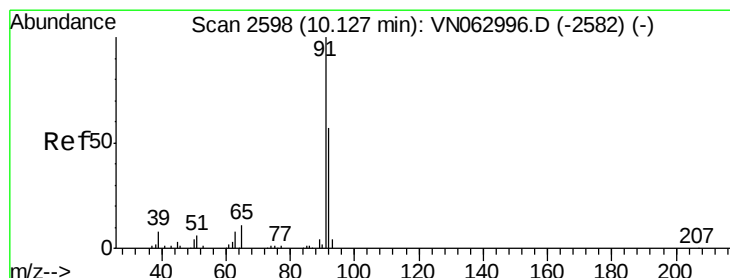
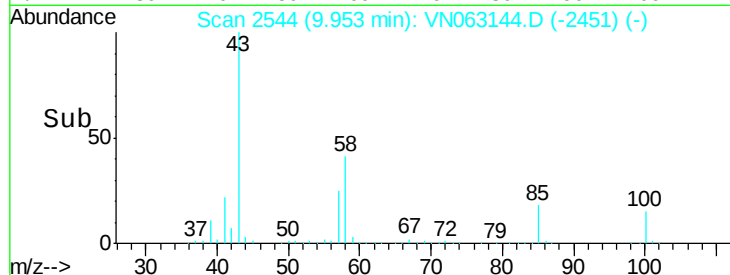
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 47.247 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VN063144.D

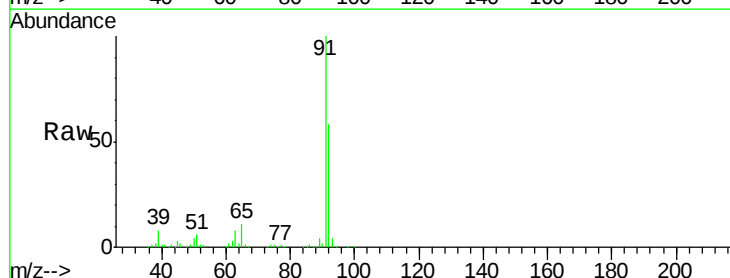
Acq: 26 Aug 2020 19:47

Tgt Ion: 92 Resp: 226777

Ion Ratio Lower Upper

92 100

91 173.6 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VN062996.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN062996.D (-2582) (-)

10.13

250000

200000

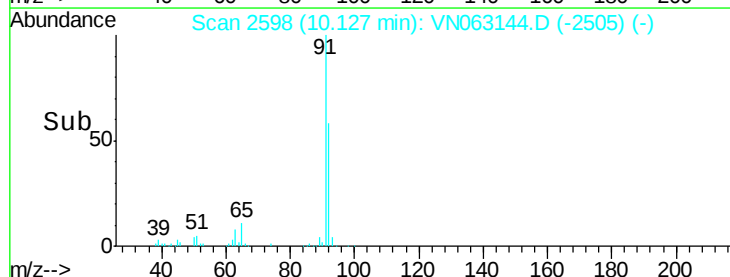
150000

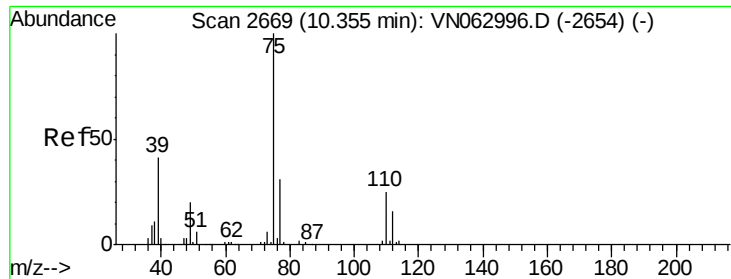
100000

50000

0

Time-->





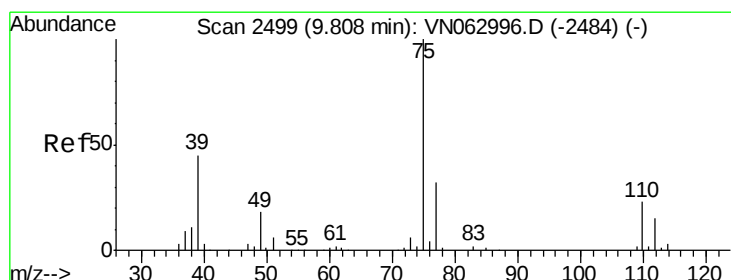
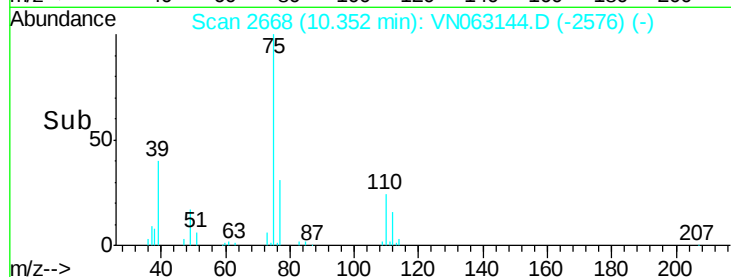
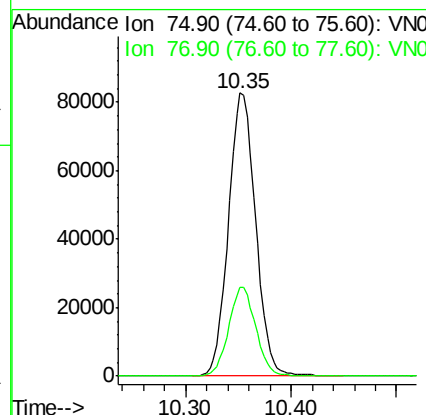
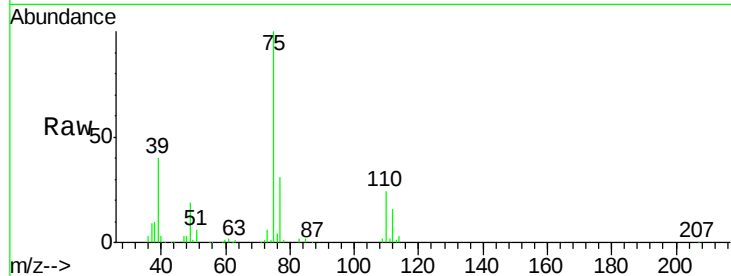
#53
 t-1,3-Dichloropropene
 Concen: 48.897 ug/l
 RT: 10.35 min Scan# 2668
 Delta R.T. -0.00 min
 Lab File: VN063144.D
 Acq: 26 Aug 2020 19:47

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

Tot Ion: 75 Resp: 147151
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.6 37.0

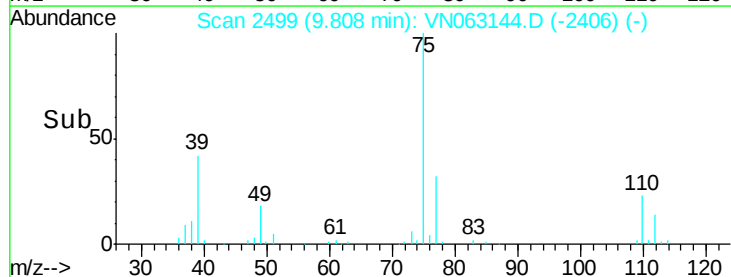
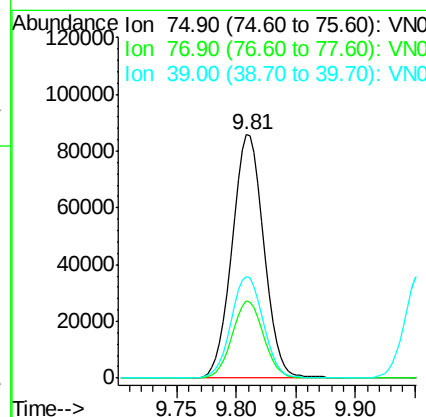
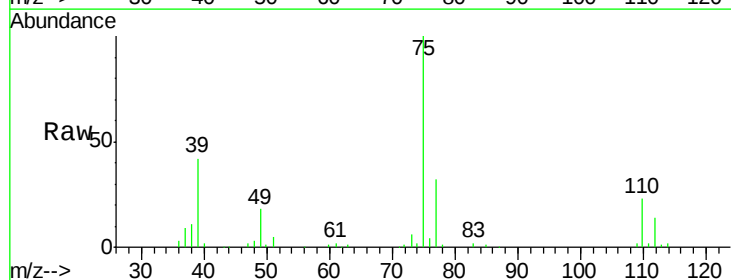
Manual Integrations
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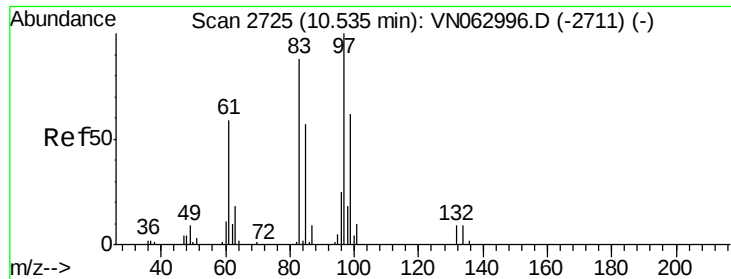
MMDadoda
 8/27/2020 1:28:31 PM



#54
 cis-1,3-Dichloropropene
 Concen: 48.246 ug/l
 RT: 9.81 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: VN063144.D
 Acq: 26 Aug 2020 19:47

Tgt Ion: 75 Resp: 159274
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.2
 39 42.0 35.7 53.5





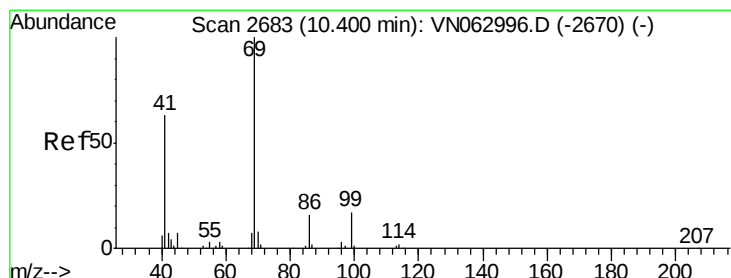
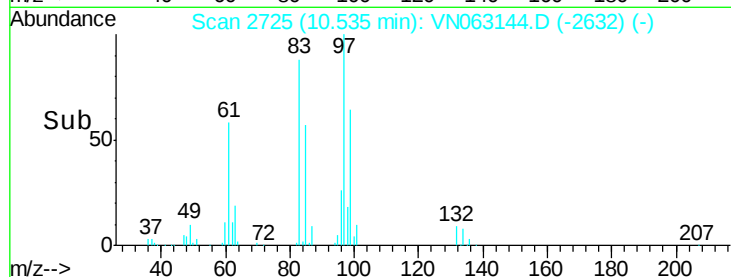
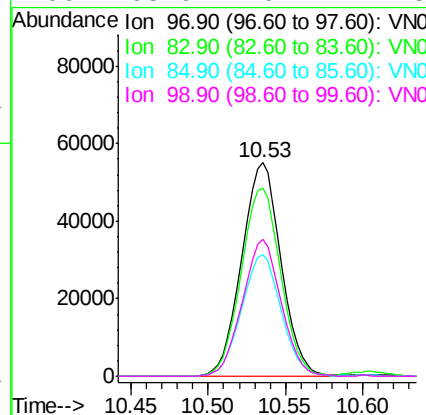
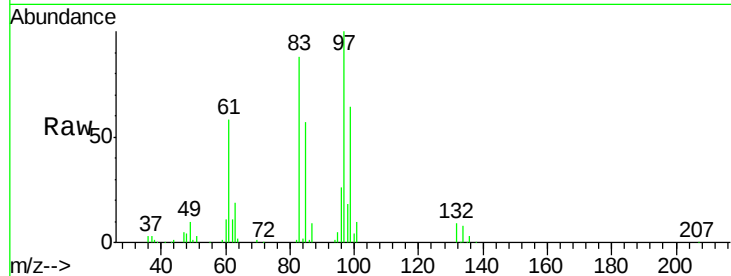
#55
 1,1,2-Trichloroethane
 Concen: 47.546 ug/l
 RT: 10.53 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN063144.D
 Acq: 26 Aug 2020 19:47

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

Tot Ion:	97	Resp:	97580
Ion	Ratio	Lower	Upper
97	100		
83	88.2	70.5	105.7
85	56.9	45.8	68.6
99	63.9	49.7	74.5

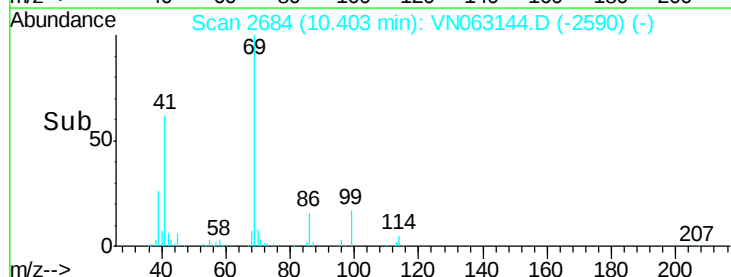
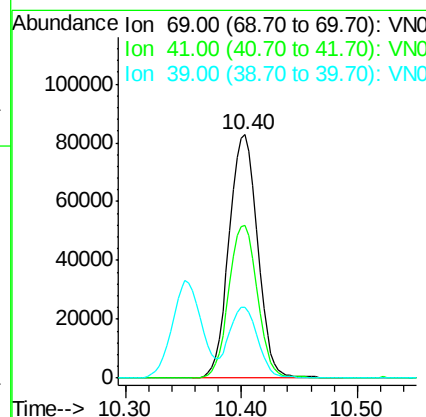
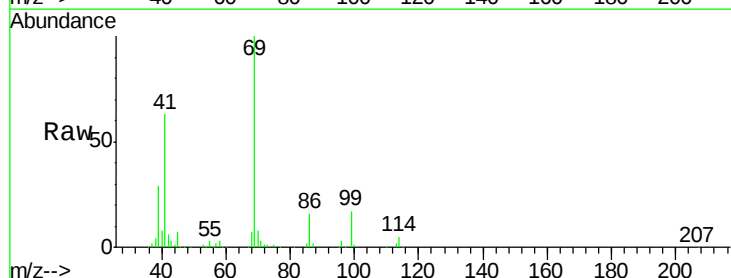
Manual Integrations
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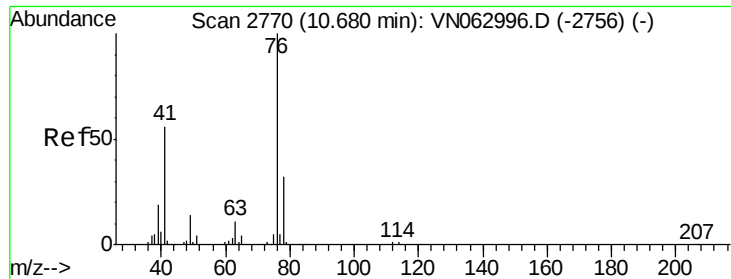
MMDadoda
 8/27/2020 1:28:31 PM



#56
 Ethyl methacrylate
 Concen: 44.587 ug/l
 RT: 10.40 min Scan# 2684
 Delta R.T. 0.00 min
 Lab File: VN063144.D
 Acq: 26 Aug 2020 19:47

Tgt Ion:	69	Resp:	140711
Ion	Ratio	Lower	Upper
69	100		
41	62.3	50.2	75.2
39	29.8	24.2	36.4





#57

1,3-Dichloropropane

Concen: 47.290 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN063144.D

Acq: 26 Aug 2020 19:47

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-498-500MSD

Tot Ion: 76 Resp: 161164

Ion Ratio Lower Upper

76 100

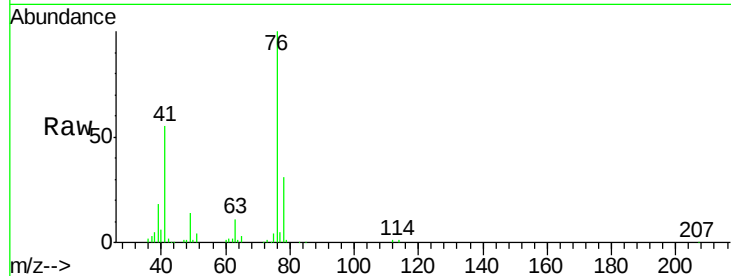
78 31.6 26.1 39.1

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.68

80000

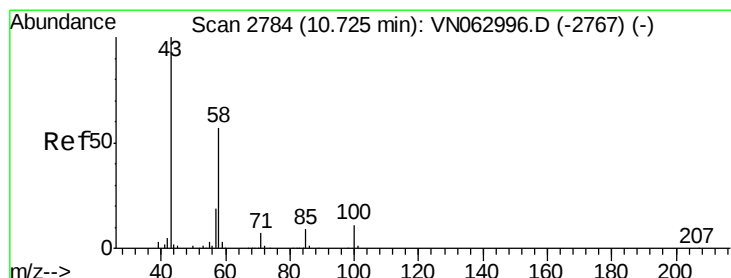
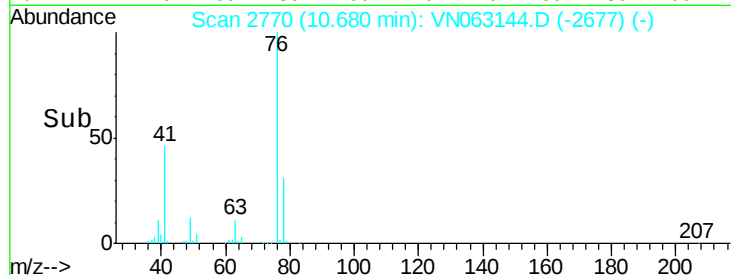
60000

40000

20000

0

Time-->



#59

2-Hexanone

Concen: 233.185 ug/l

RT: 10.72 min Scan# 2784

Delta R.T. -0.00 min

Lab File: VN063144.D

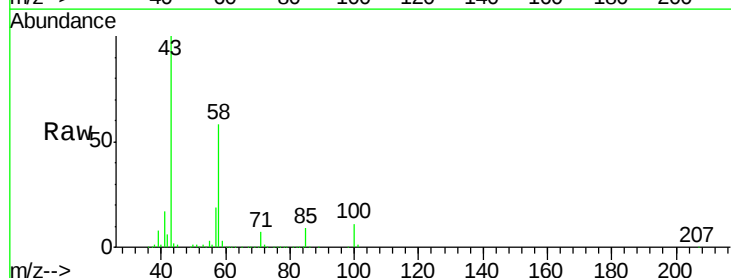
Acq: 26 Aug 2020 19:47

Tgt Ion: 43 Resp: 400380

Ion Ratio Lower Upper

43 100

58 57.1 28.1 84.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.72

250000

200000

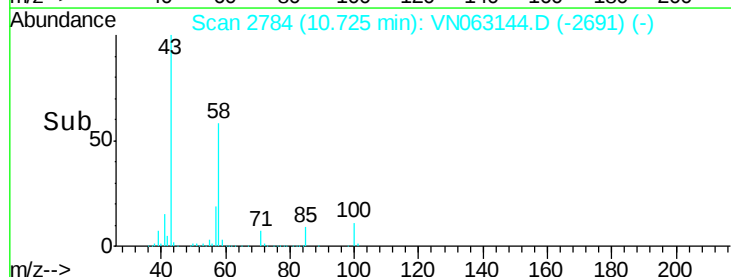
150000

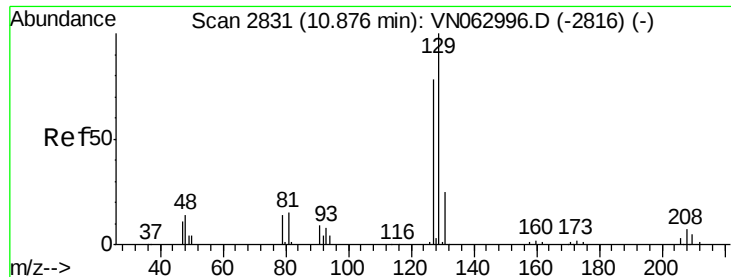
100000

50000

0

Time-->





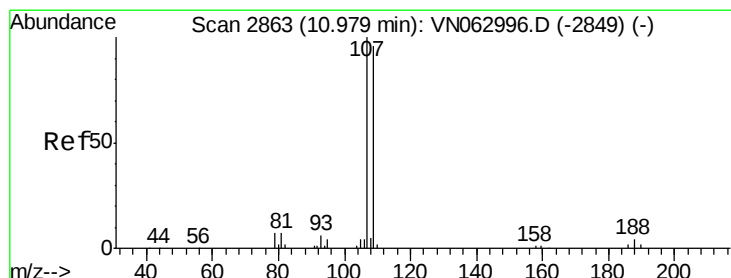
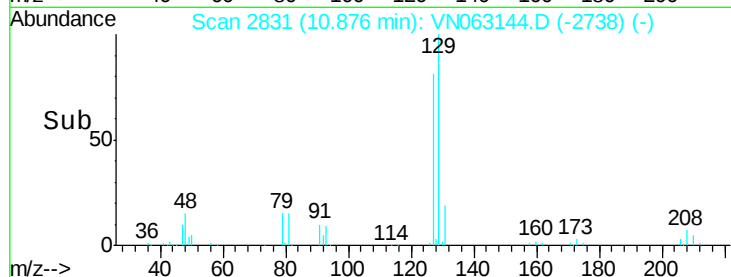
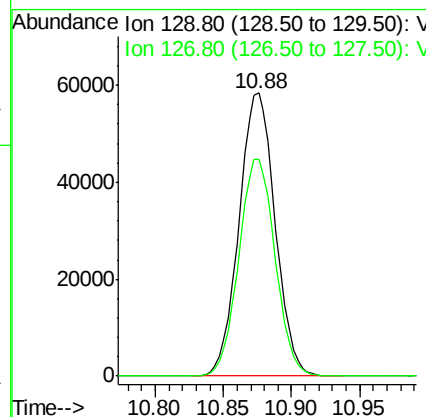
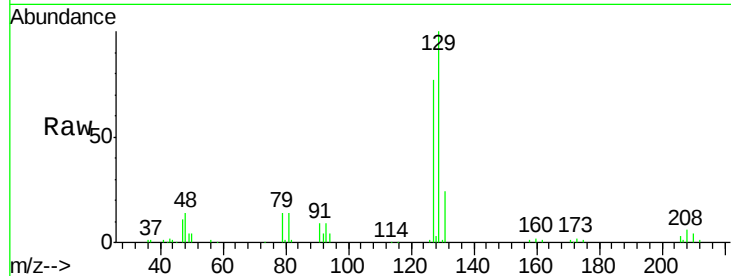
#60
 Dibromochloromethane
 Concen: 47.281 ug/l
 RT: 10.88 min Scan# 2831
 Delta R.T. -0.00 min
 Lab File: VN063144.D
 Acq: 26 Aug 2020 19:47

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

Tot Ion:129 Resp: 107387
 Ion Ratio Lower Upper
 129 100
 127 77.1 38.4 115.2

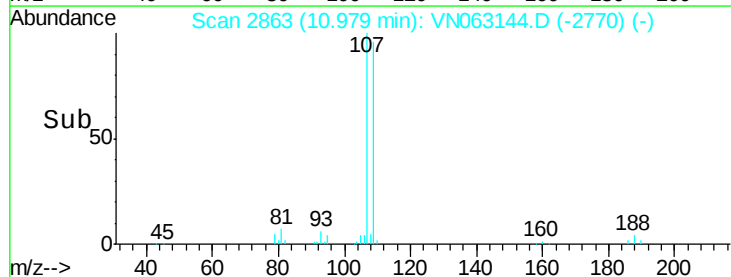
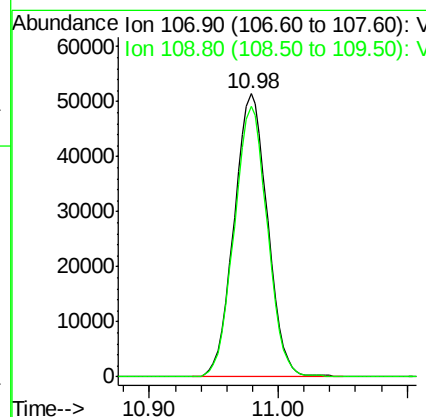
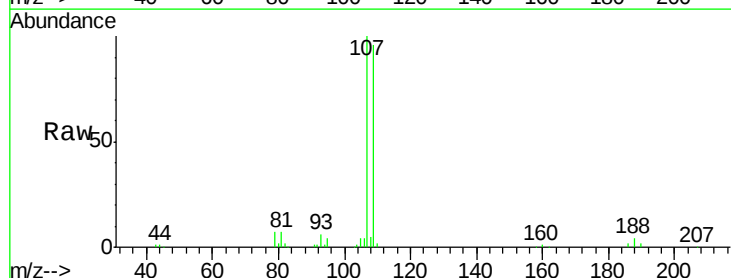
Manual Integrations
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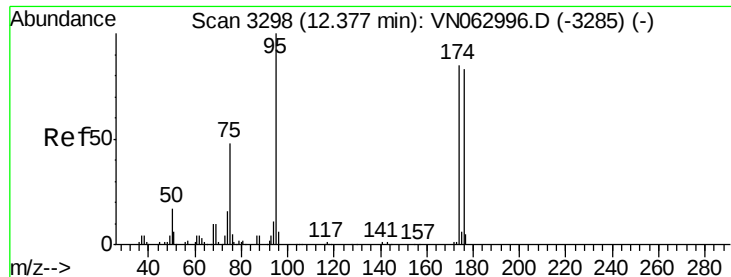
MMDadoda
 8/27/2020 1:28:31 PM



#61
 1,2-Dibromoethane
 Concen: 46.912 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN063144.D
 Acq: 26 Aug 2020 19:47

Tgt Ion:107 Resp: 92511
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.7 113.5





#62

4-Bromofluorobenzene

Concen: 50.754 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN063144.D

Acq: 26 Aug 2020 19:47

Instrument :

MSVOA_N

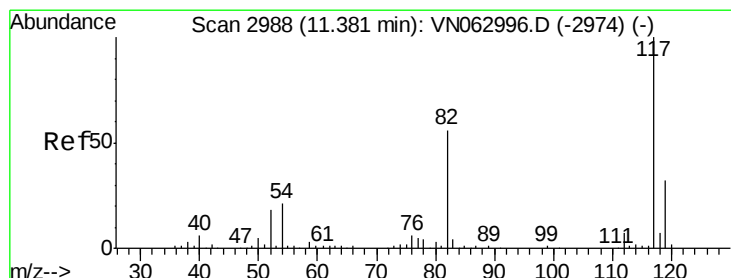
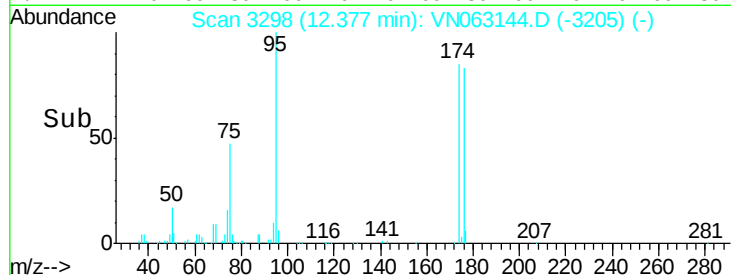
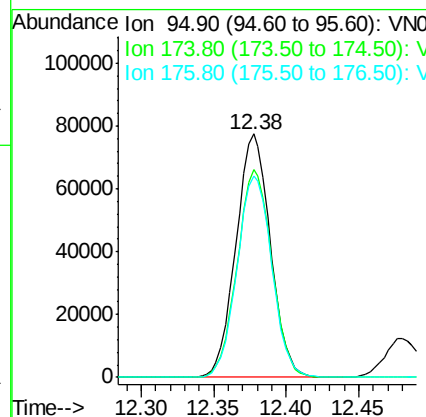
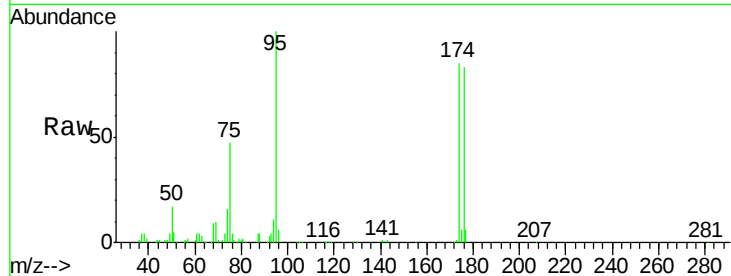
ClientSampleId :

BP-VPB181-GW-498-500MSD

Tot Ion:	95	Resp:	127607
Ion Ratio	Lower	Upper	
95	100		
174	85.8	0.0	170.8
176	83.7	0.0	164.8

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

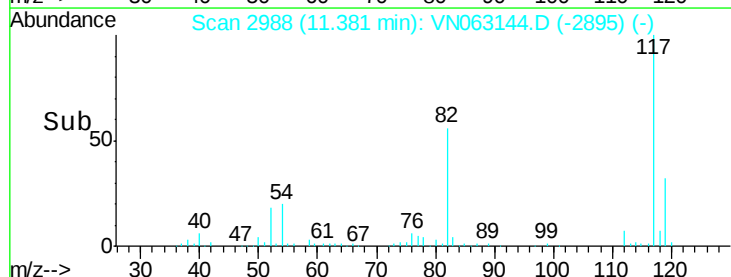
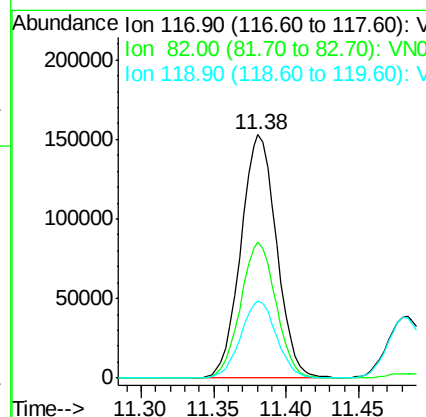
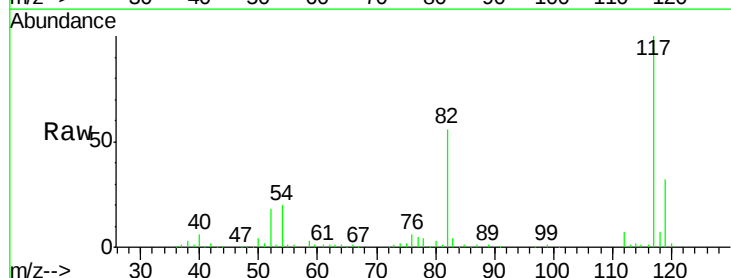
RT: 11.38 min Scan# 2988

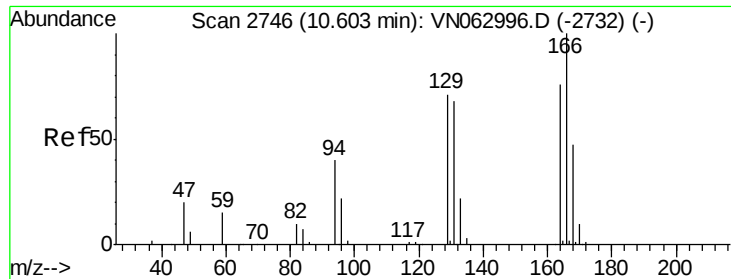
Delta R.T. -0.00 min

Lab File: VN063144.D

Acq: 26 Aug 2020 19:47

Tgt Ion:	117	Resp:	262192
Ion Ratio	Lower	Upper	
117	100		
82	55.8	44.5	66.7
119	31.8	25.5	38.3





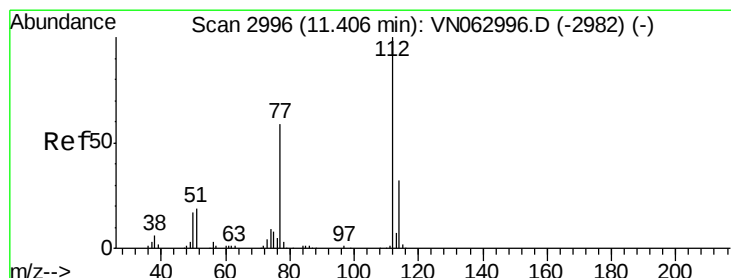
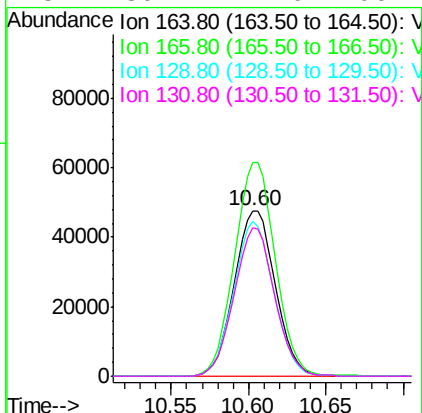
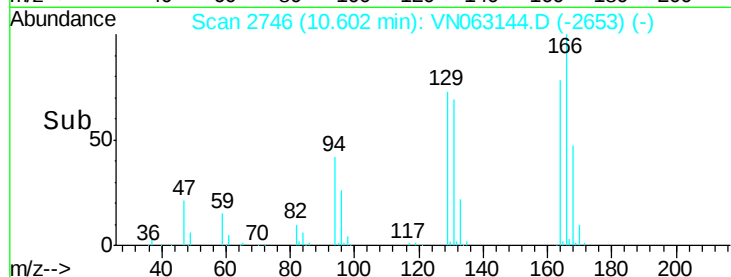
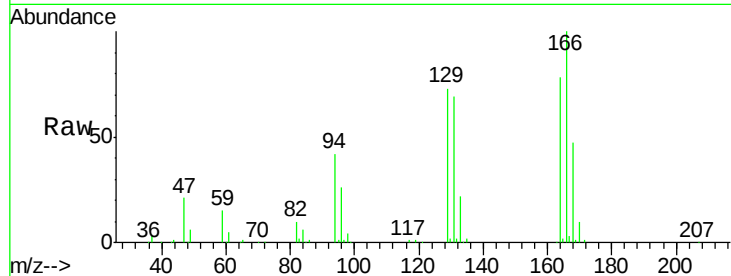
#64
Tetrachloroethene
Concen: 50.936 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN063144.D
Acq: 26 Aug 2020 19:47

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

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.9	105.0	157.6
129	93.5	74.7	112.1
131	89.4	71.0	106.4

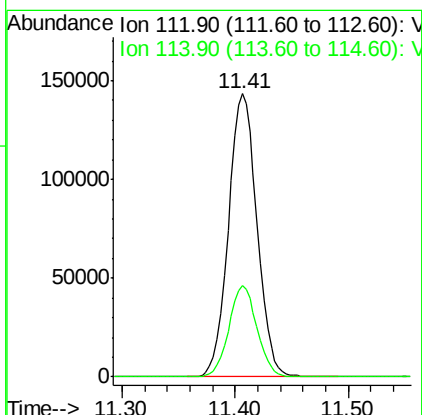
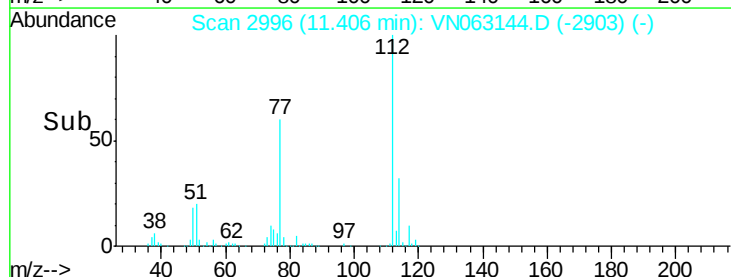
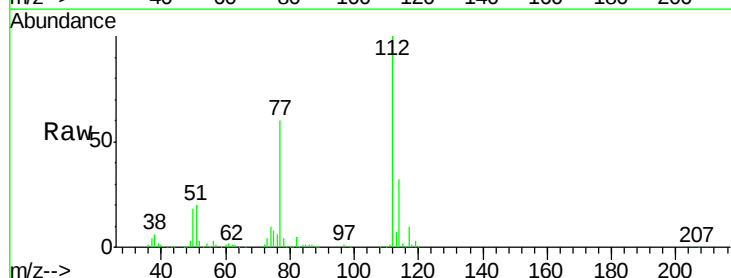
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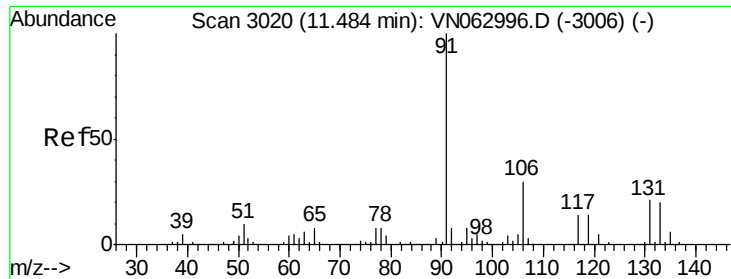
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#65
Chlorobenzene
Concen: 47.657 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN063144.D
Acq: 26 Aug 2020 19:47

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.3	37.9





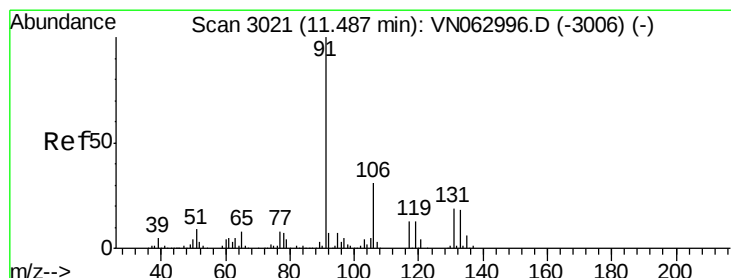
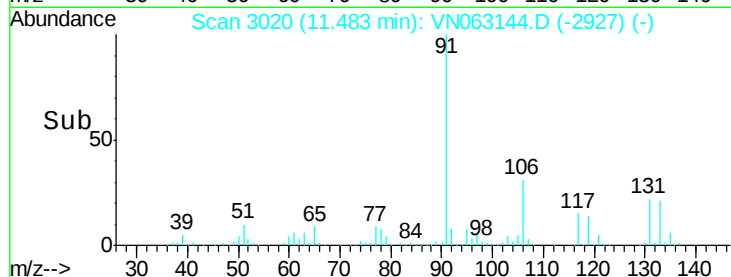
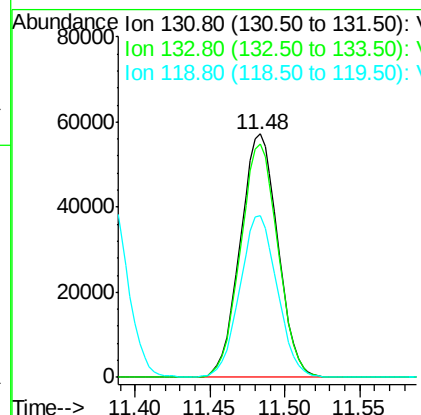
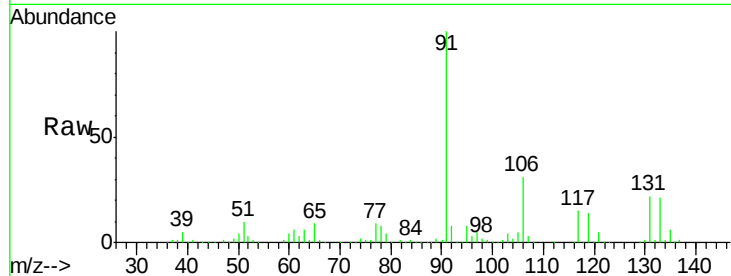
#66
 1,1,1,2-Tetrachloroethane
 Concen: 48.889 ug/l
 RT: 11.48 min Scan# 3020
 Delta R.T. -0.00 min
 Lab File: VN063144.D
 Acq: 26 Aug 2020 19:47

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

Tot Ion	Ratio	Resp	Lower	Upper
131	100	100132		
133	95.6	47.5	142.6	
119	66.1	33.1	99.3	

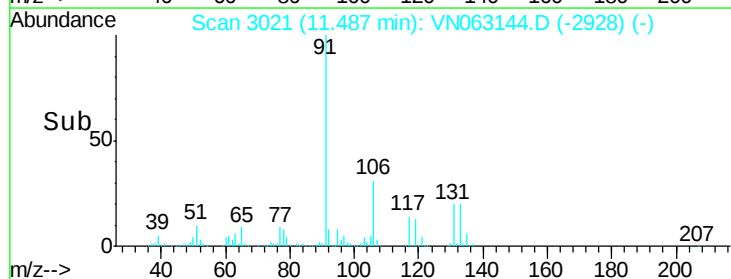
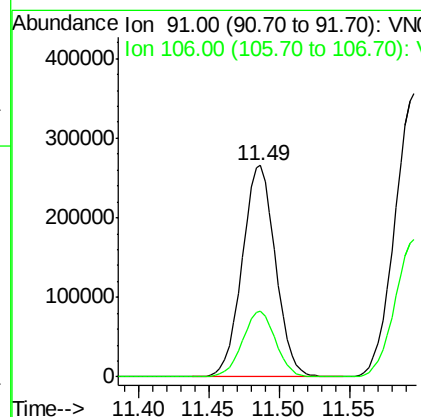
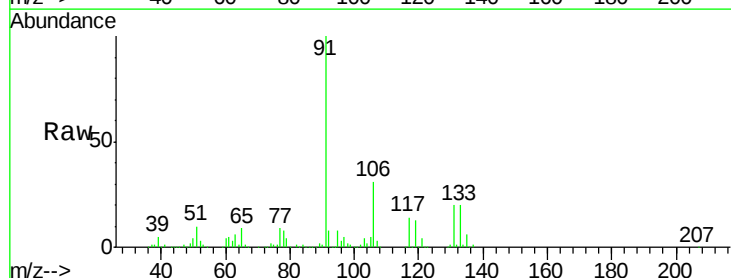
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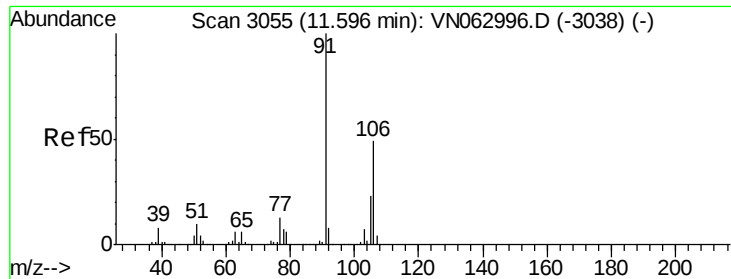
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#67
 Ethyl Benzene
 Concen: 49.501 ug/l
 RT: 11.49 min Scan# 3021
 Delta R.T. -0.00 min
 Lab File: VN063144.D
 Acq: 26 Aug 2020 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	440446		
106	31.1	24.6	37.0	





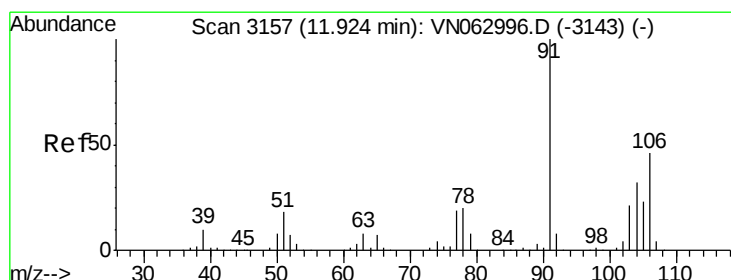
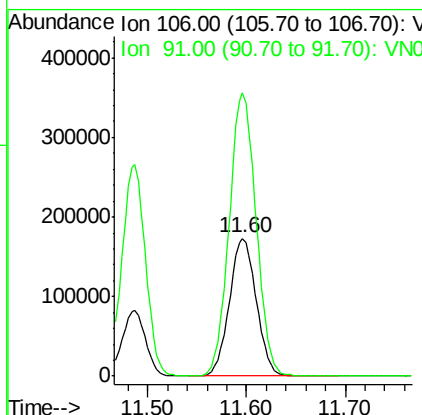
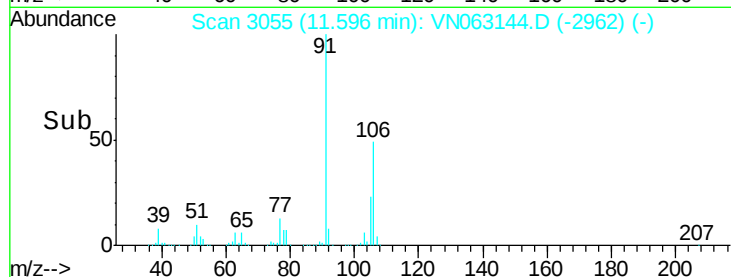
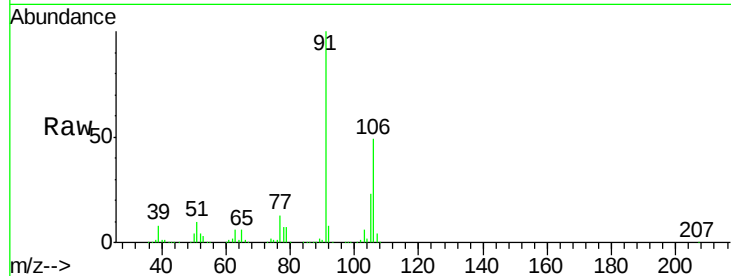
#68
m/p-Xylenes
Concen: 99.663 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN063144.D
Acq: 26 Aug 2020 19:47

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

Tot Ion:106 Resp: 329582
Ion Ratio Lower Upper
106 100
91 205.7 163.0 244.4

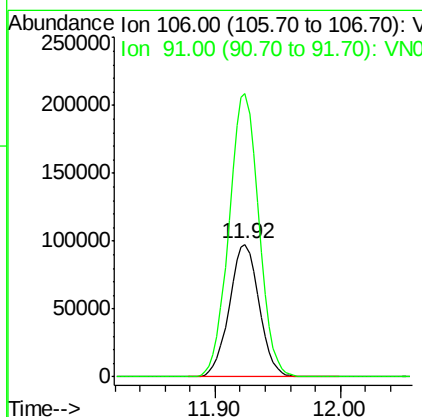
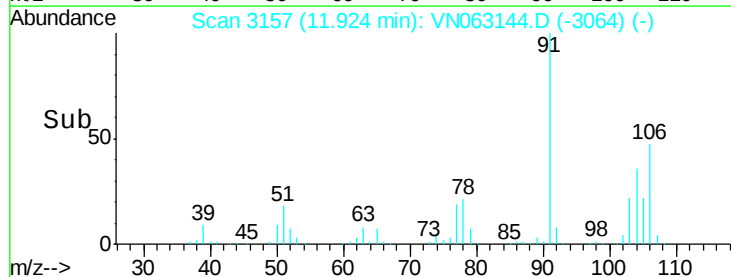
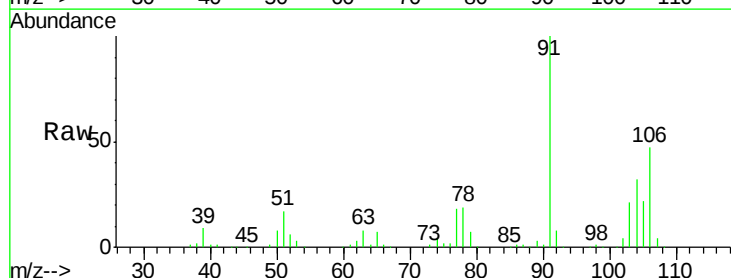
Manual Integrations
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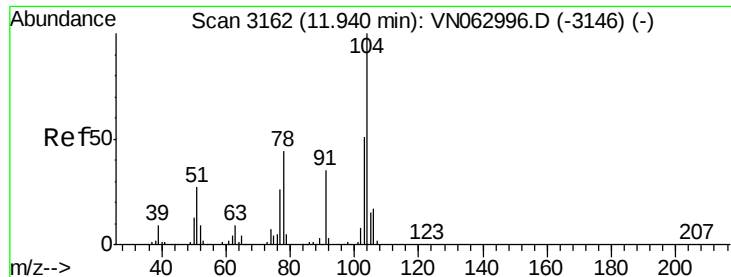
MMDadoda
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#69
o-Xylene
Concen: 50.840 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. -0.00 min
Lab File: VN063144.D
Acq: 26 Aug 2020 19:47

Tgt Ion:106 Resp: 161446
Ion Ratio Lower Upper
106 100
91 213.5 107.3 321.9





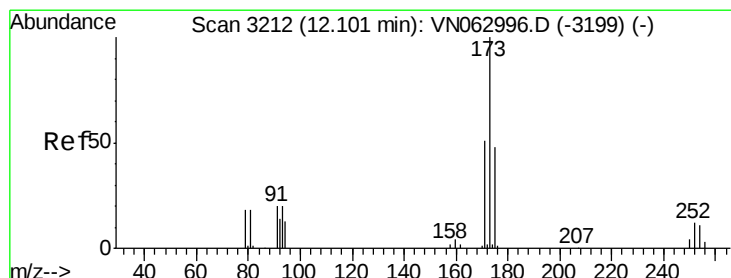
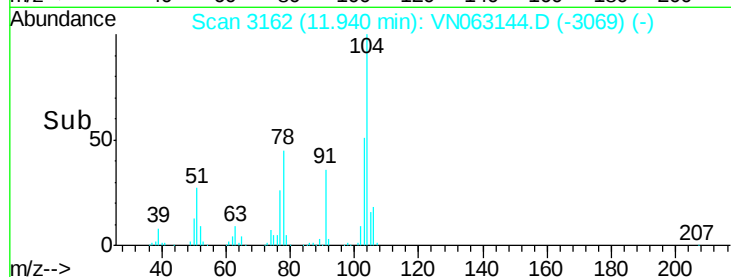
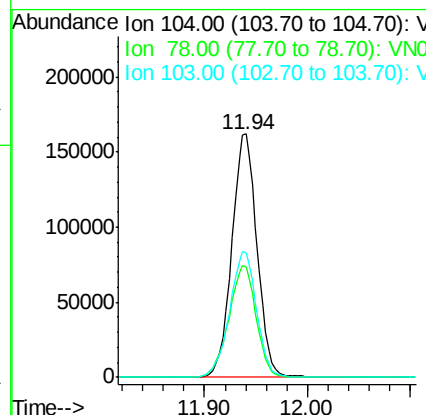
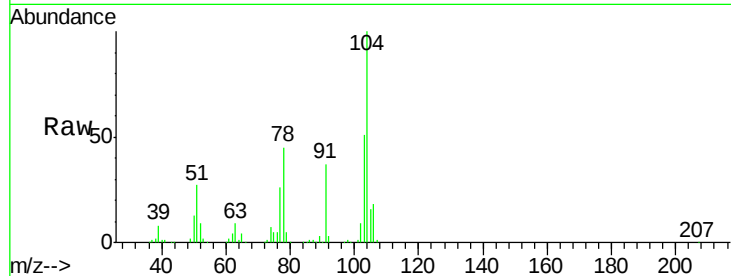
#70
Stvrene
Concen: 44.025 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN063144.D
Acq: 26 Aug 2020 19:47

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

Tot Ion	Ratio	Resp	Lower	Upper
104	100	275933		
78	49.7		39.0	58.6
103	55.4		44.3	66.5

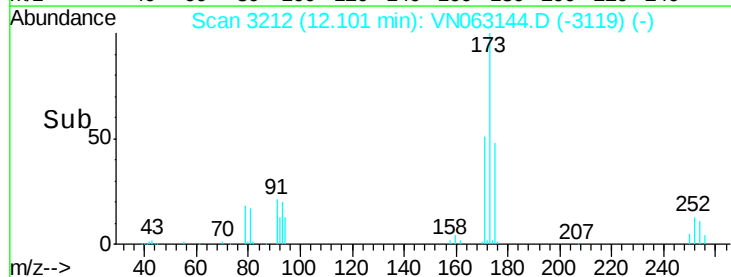
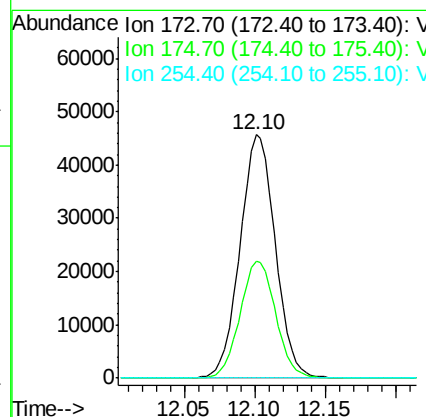
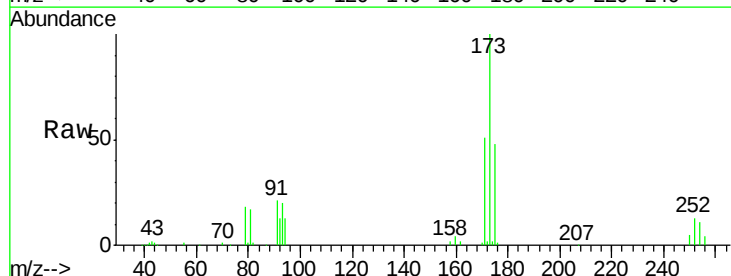
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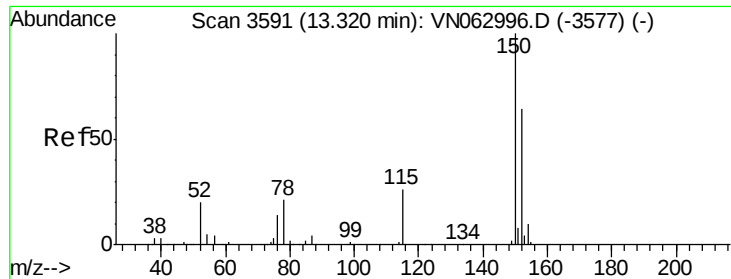
MMDadoda
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#71
Bromoform
Concen: 49.118 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN063144.D
Acq: 26 Aug 2020 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	80076		
175	48.5		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: VN063144.D

Acq: 26 Aug 2020 19:47

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-498-500MSD

Tot Ion:152 Resp: 128714

Ion Ratio Lower Upper

152 100

115 57.8 28.7 86.3

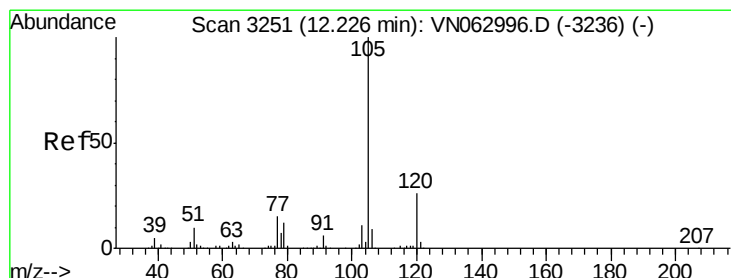
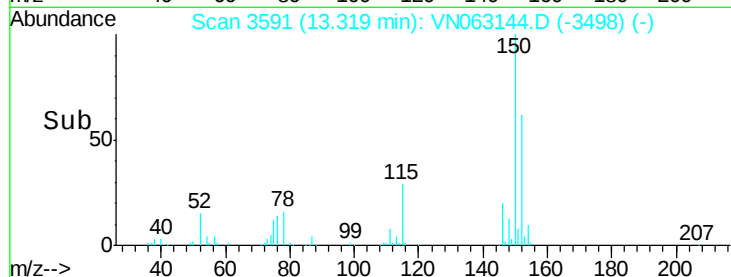
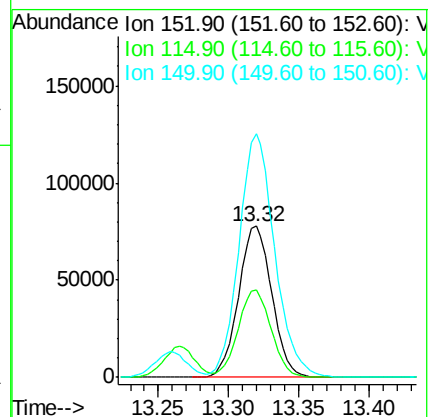
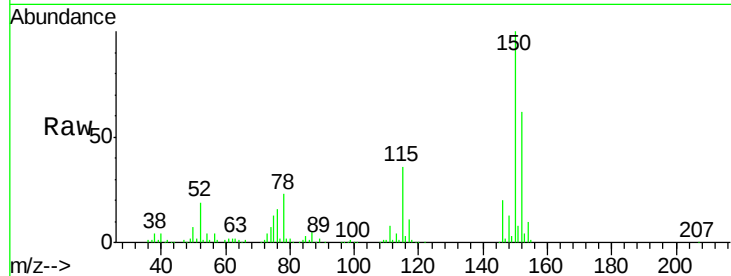
150 172.8 0.0 348.8

Manual Integrations

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#73

Isopropylbenzene

Concen: 47.820 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. -0.00 min

Lab File: VN063144.D

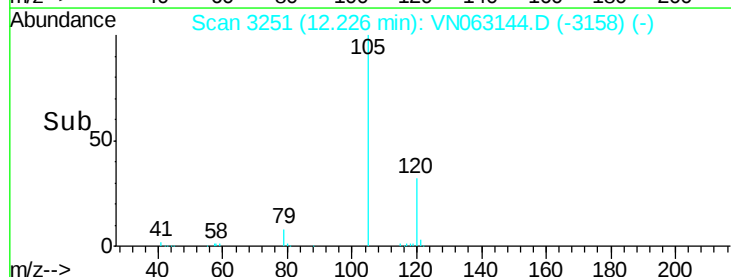
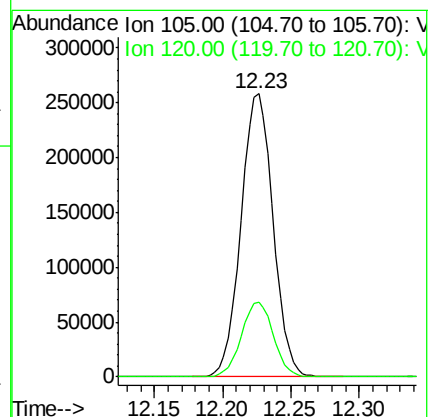
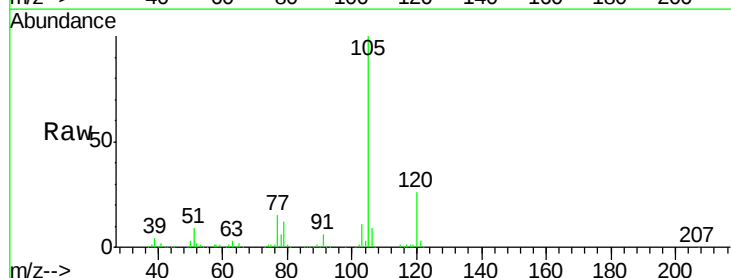
Acq: 26 Aug 2020 19:47

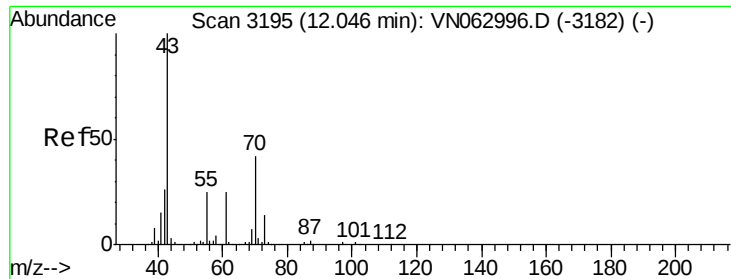
Tgt Ion:105 Resp: 421498

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.6





#74

N-amvl acetate

Concen: 51.121 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN063144.D

Acq: 26 Aug 2020 19:47

Instrument :

MSVOA_N

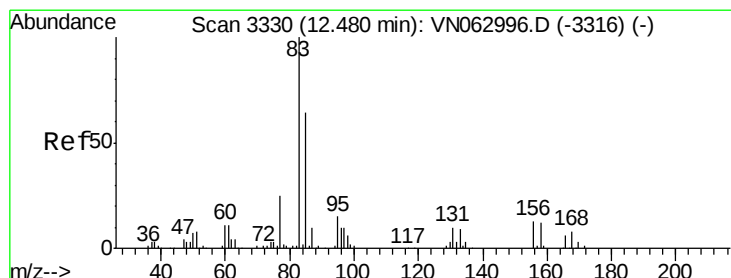
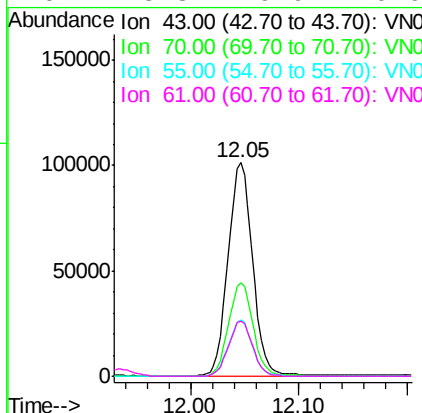
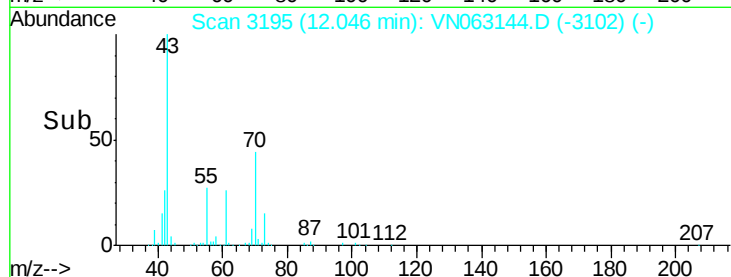
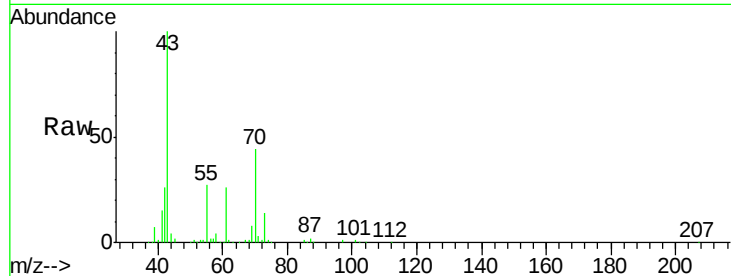
ClientSampleId :

BP-VPB181-GW-498-500MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		161381		
70	43.8	33.4	50.0		
55	26.0	20.2	30.2		
61	25.3	19.9	29.9		

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 47.897 ug/l

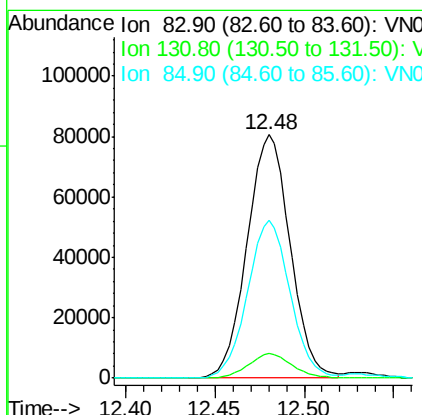
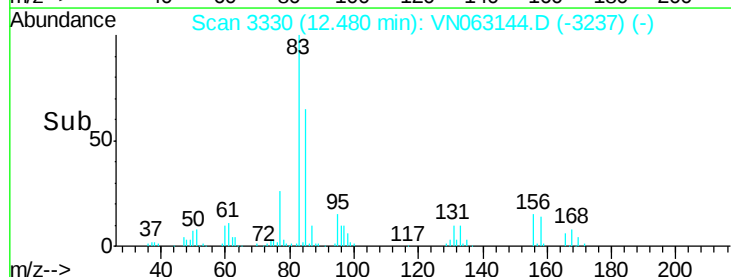
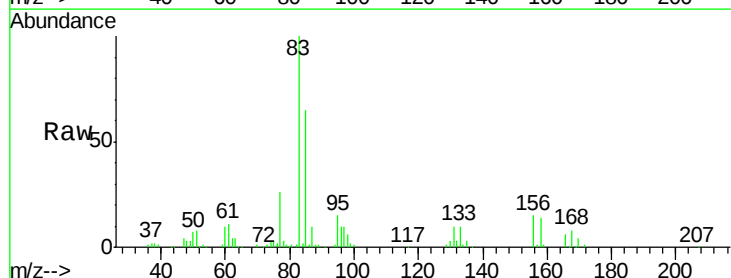
RT: 12.48 min Scan# 3330

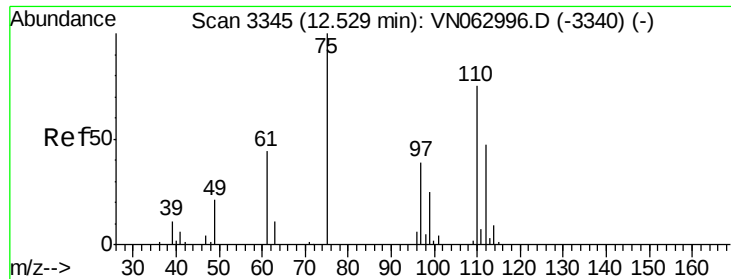
Delta R.T. 0.00 min

Lab File: VN063144.D

Acq: 26 Aug 2020 19:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		136434		
131	10.0	4.9	14.7		
85	64.0	31.9	95.5		





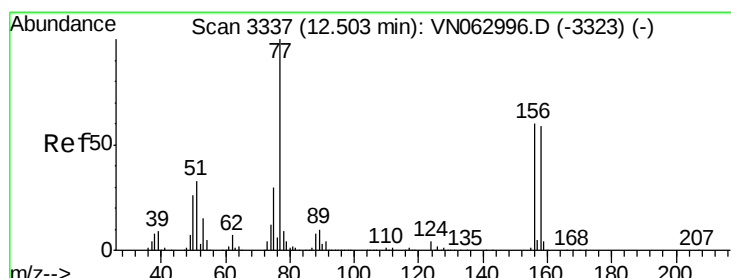
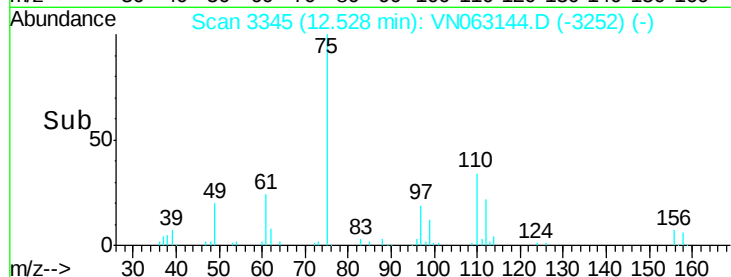
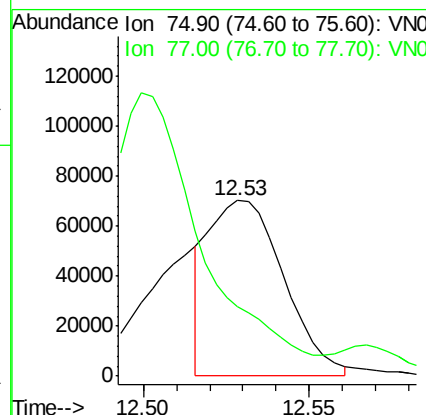
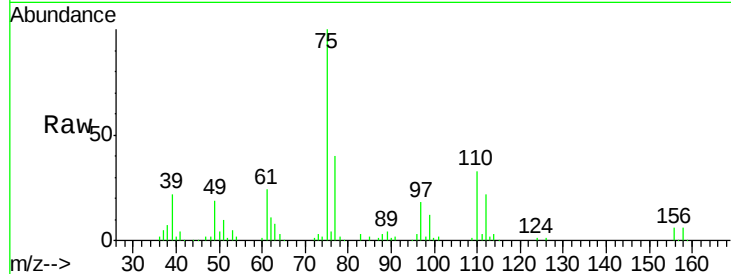
#76
 1,2,3-Trichloropropane
 Concen: 44.285 ug/l m
 RT: 12.53 min Scan# 3345
 Delta R.T. -0.00 min
 Lab File: VN063144.D
 Acq: 26 Aug 2020 19:47

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

Tot Ion: 75 Resp: 110798
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

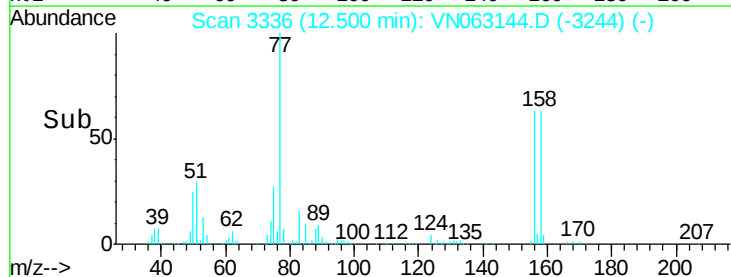
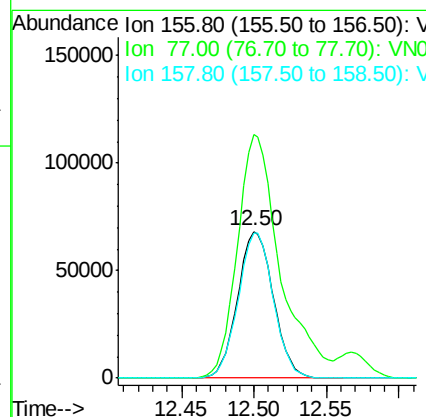
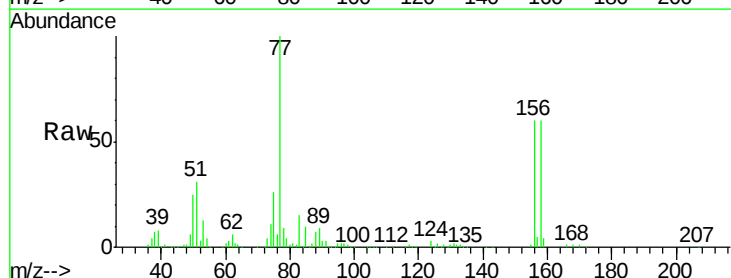
Manual Integrations
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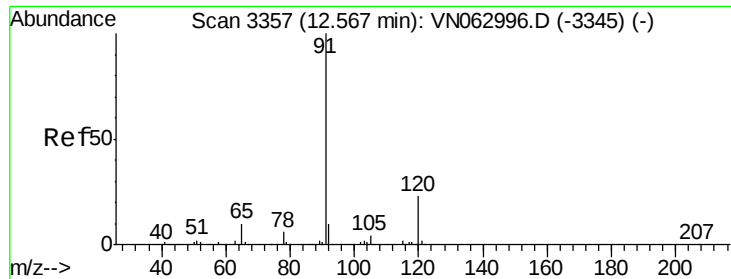
MMDadoda
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#77
 Bromobenzene
 Concen: 48.176 ug/l
 RT: 12.50 min Scan# 3336
 Delta R.T. -0.00 min
 Lab File: VN063144.D
 Acq: 26 Aug 2020 19:47

Tgt Ion: 156 Resp: 116788
 Ion Ratio Lower Upper
 156 100
 77 199.7 101.0 302.9
 158 97.5 49.4 148.0





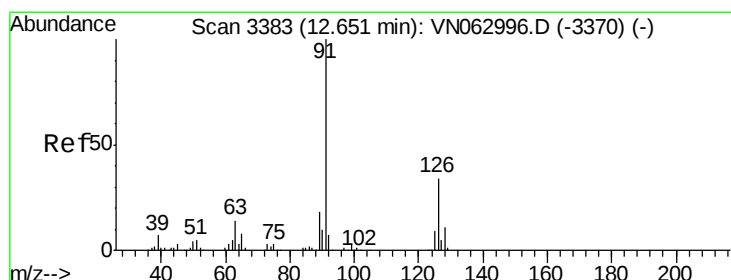
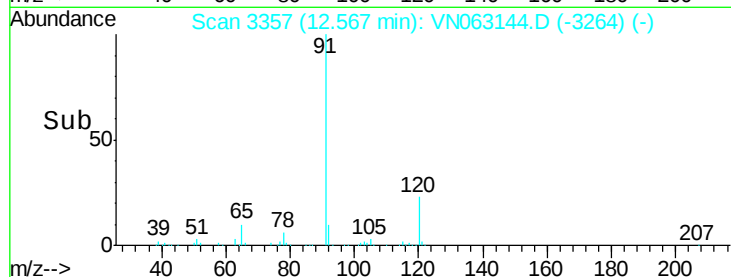
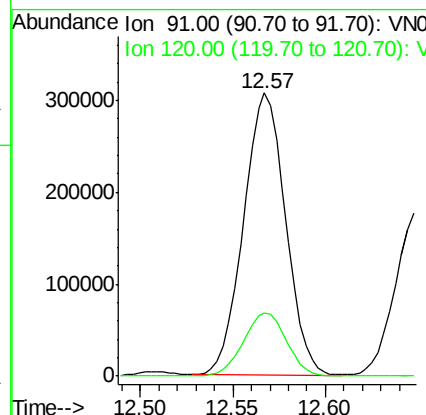
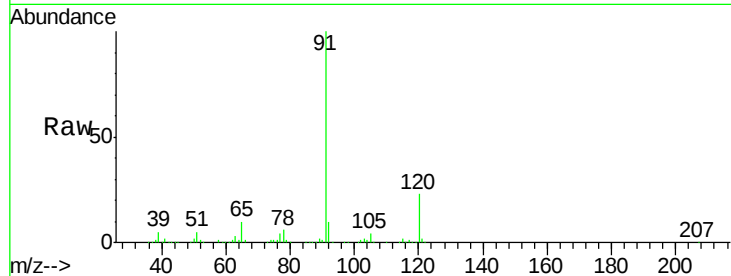
#78
n-propylbenzene
Concen: 47.935 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. -0.00 min
Lab File: VN063144.D
Acq: 26 Aug 2020 19:47

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

Tot Ion: 91 Resp: 481593
Ion Ratio Lower Upper
91 100
120 22.9 11.4 34.1

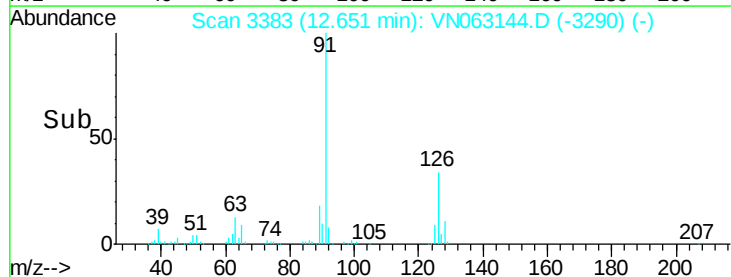
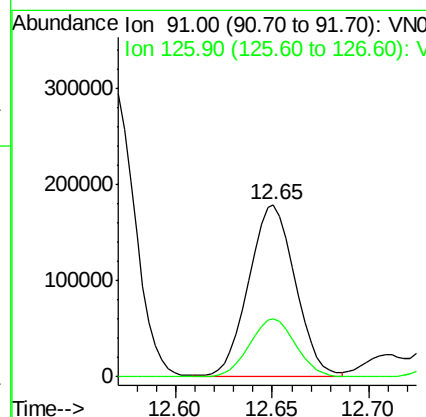
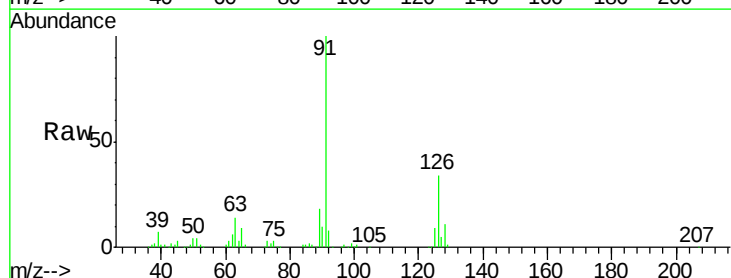
Manual Integrations
APPROVED

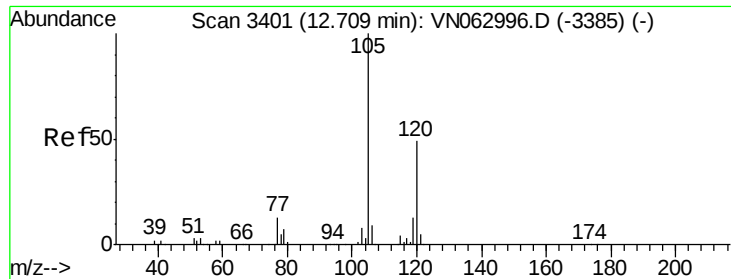
MMDadoda
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#79
2-Chlorotoluene
Concen: 47.069 ug/l
RT: 12.65 min Scan# 3383
Delta R.T. -0.00 min
Lab File: VN063144.D
Acq: 26 Aug 2020 19:47

Tgt Ion: 91 Resp: 297445
Ion Ratio Lower Upper
91 100
126 33.8 17.1 51.2





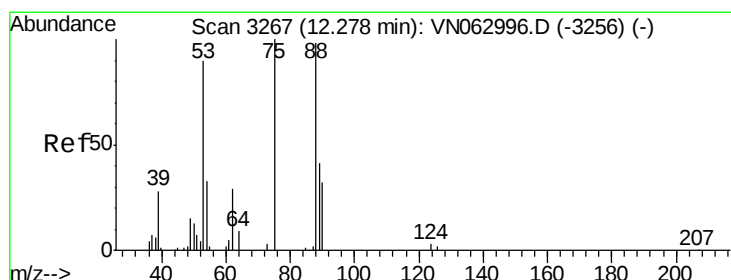
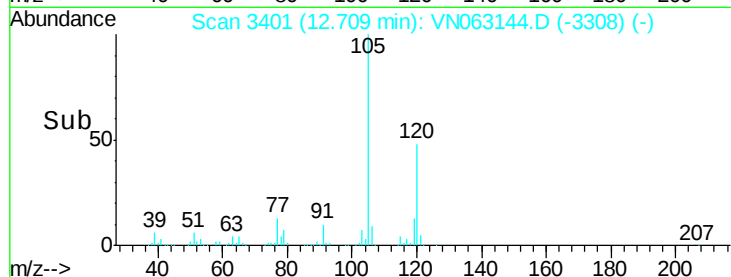
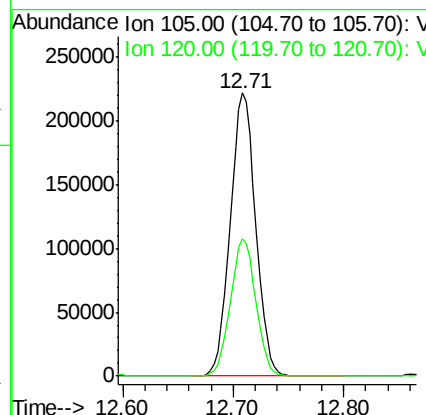
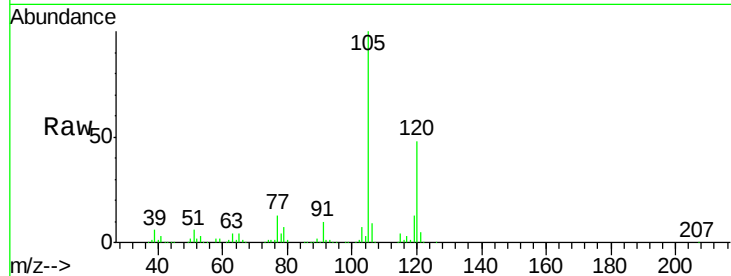
#80
 1,3,5-Trimethylbenzene
 Concen: 48.663 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN063144.D
 Acq: 26 Aug 2020 19:47

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

Tot Ion:105 Resp: 354576
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.3 72.8

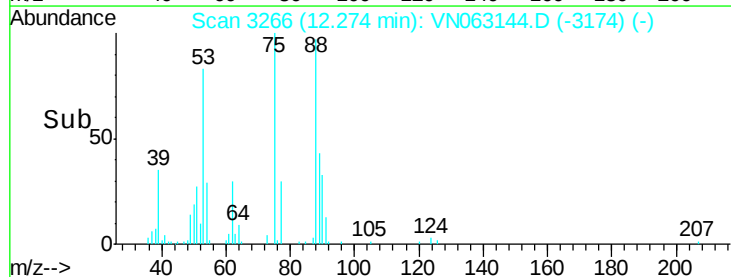
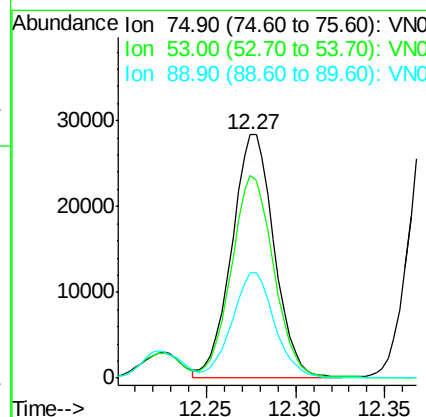
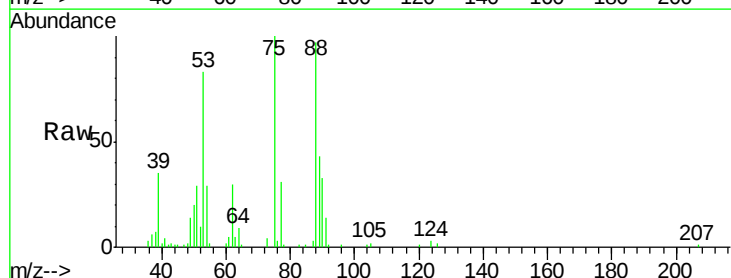
Manual Integrations
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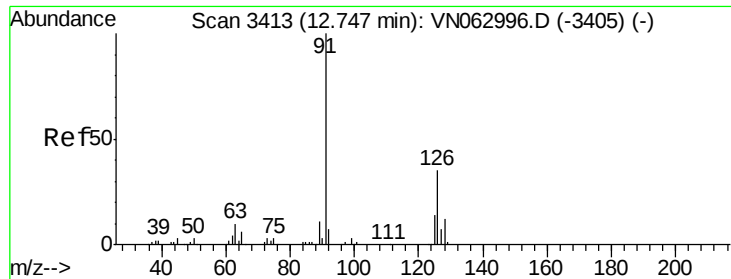
MMDadoda
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.711 ug/l
 RT: 12.27 min Scan# 3266
 Delta R.T. -0.00 min
 Lab File: VN063144.D
 Acq: 26 Aug 2020 19:47

Tgt Ion: 75 Resp: 47107
 Ion Ratio Lower Upper
 75 100
 53 83.5 69.2 103.8
 89 43.3 34.2 51.4





#82

4-Chlorotoluene

Concen: 48.982 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN063144.D

Acq: 26 Aug 2020 19:47

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-498-500MSD

Tot Ion: 91 Resp: 315185

Ion Ratio Lower Upper

91 100

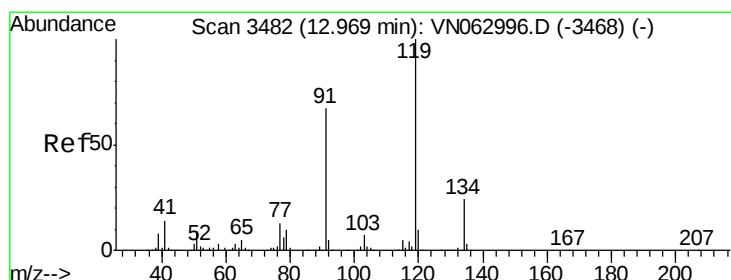
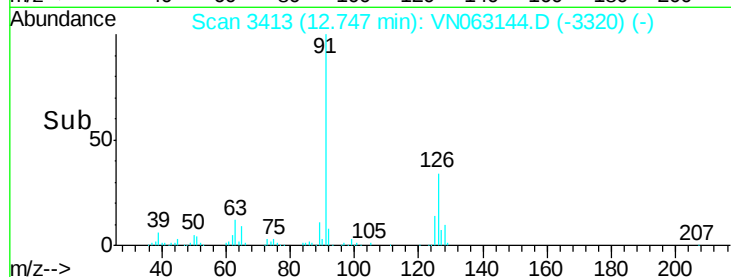
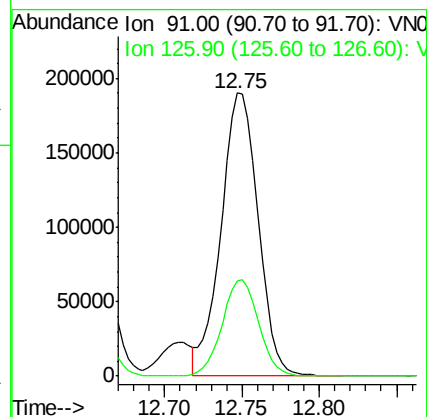
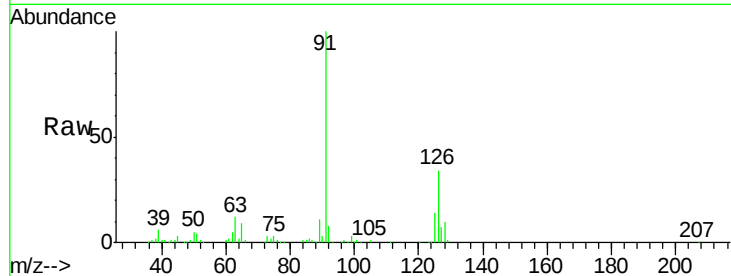
126 33.7 16.5 49.5

Manual Integrations

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#83

tert-Butylbenzene

Concen: 46.088 ug/l

RT: 12.97 min Scan# 3482

Delta R.T. -0.00 min

Lab File: VN063144.D

Acq: 26 Aug 2020 19:47

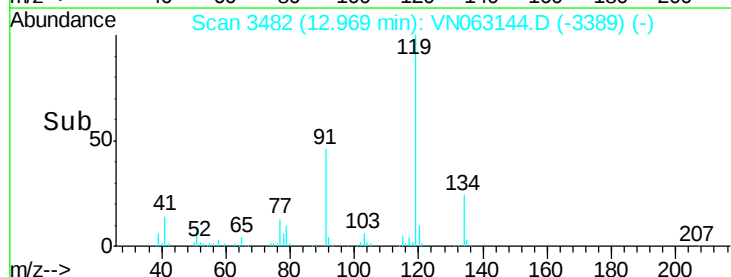
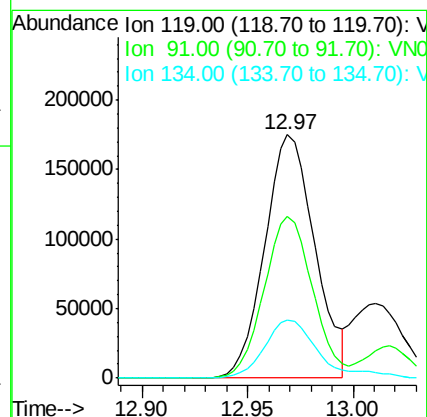
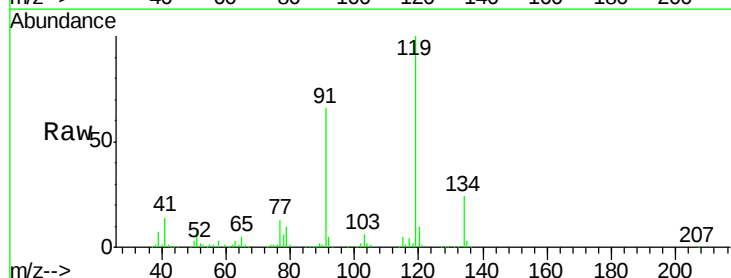
Tgt Ion: 119 Resp: 289847

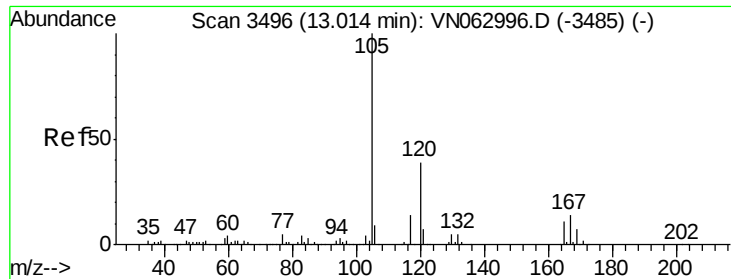
Ion Ratio Lower Upper

119 100

91 64.7 32.5 97.4

134 25.8 13.1 39.3





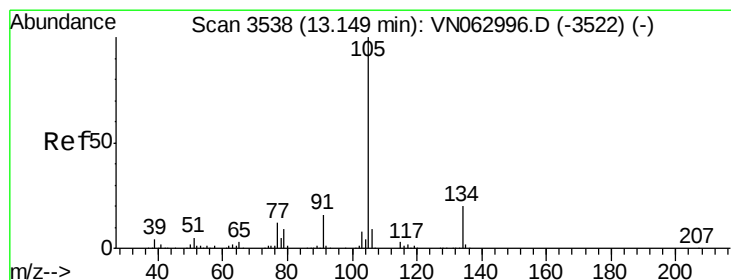
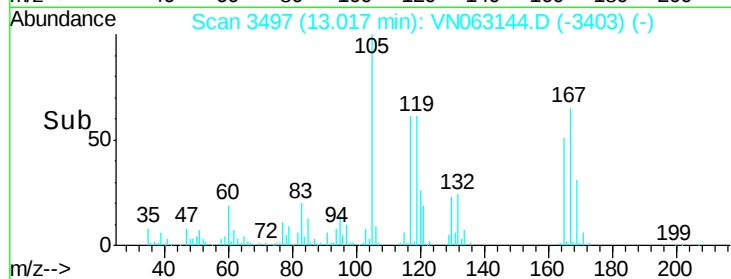
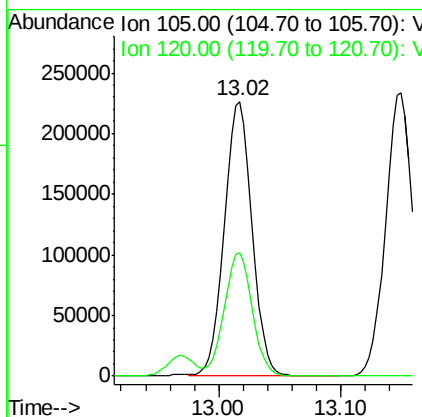
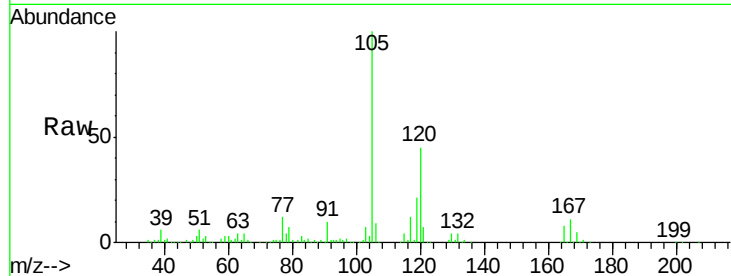
#84
 1,2,4-Trimethylbenzene
 Concen: 50.680 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. 0.00 min
 Lab File: VN063144.D
 Acq: 26 Aug 2020 19:47

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

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.5	67.5

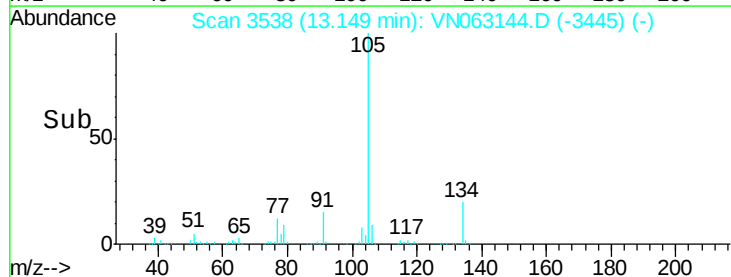
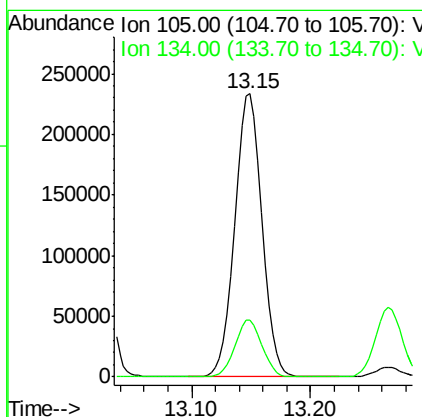
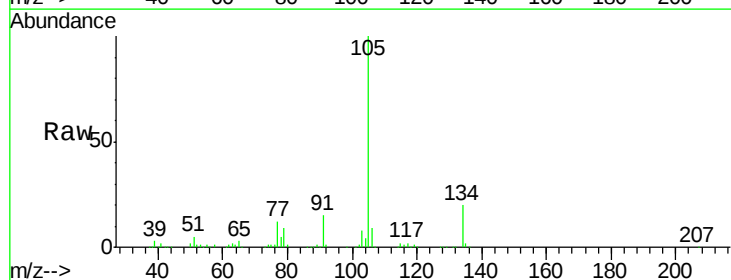
Manual Integrations
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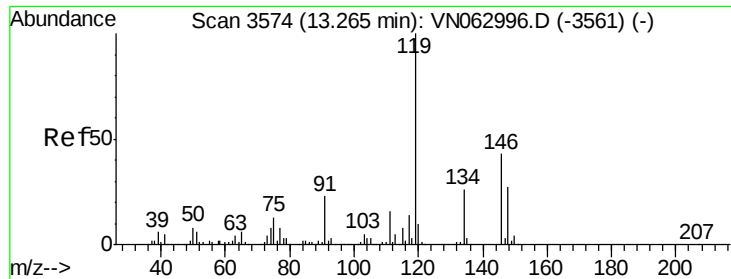
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#85
 sec-Butylbenzene
 Concen: 43.341 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. -0.00 min
 Lab File: VN063144.D
 Acq: 26 Aug 2020 19:47

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.0	9.8	29.4





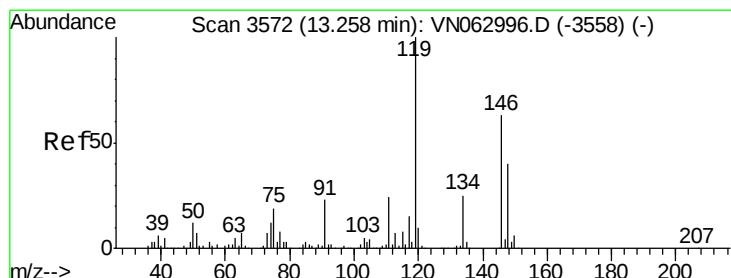
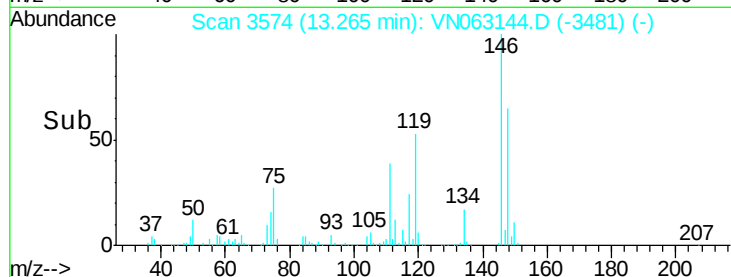
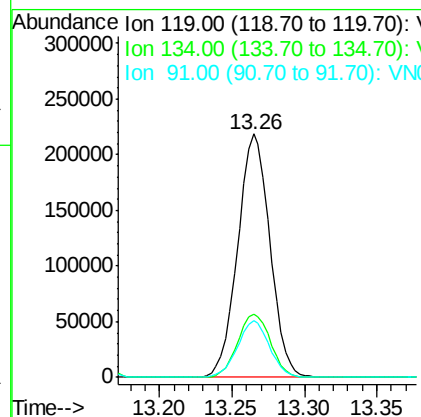
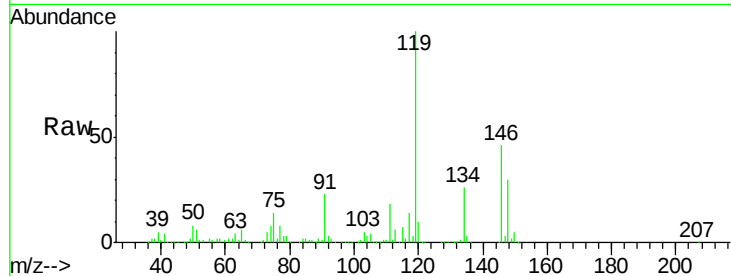
#86
 p-Isopropyltoluene
 Concen: 45.448 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN063144.D
 Acq: 26 Aug 2020 19:47

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

Tot Ion	Ratio	Resp	Lower	Upper
119	100	336580		
134	26.5		13.1	39.3
91	23.3		11.5	34.4

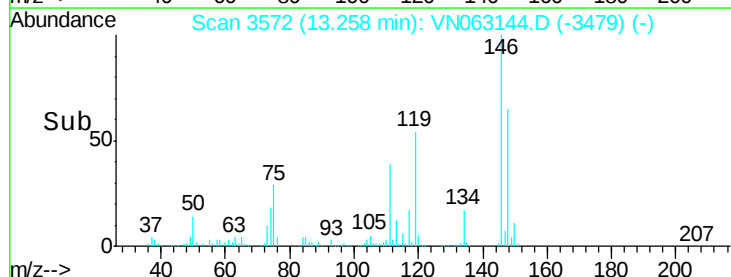
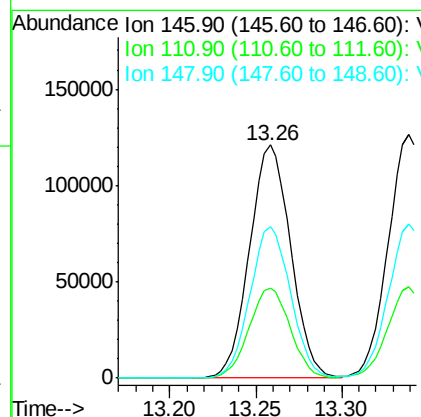
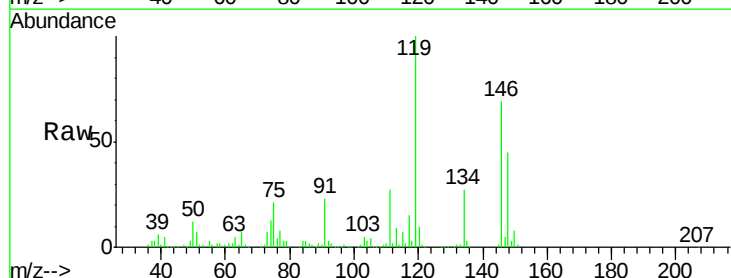
Manual Integrations
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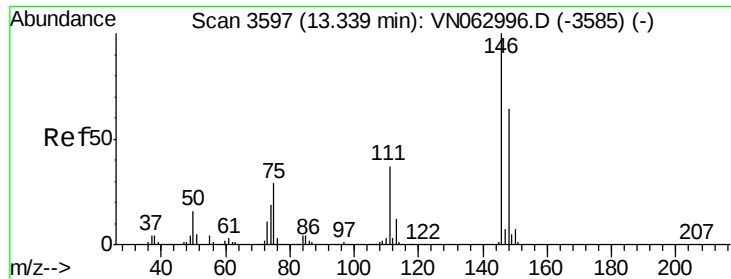
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#87
 1,3-Dichlorobenzene
 Concen: 48.236 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN063144.D
 Acq: 26 Aug 2020 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	200960		
111	38.8		19.4	58.1
148	64.4		32.0	96.0





#88

1,4-Dichlorobenzene

Concen: 48.876 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN063144.D

Acq: 26 Aug 2020 19:47

Instrument :

MSVOA_N

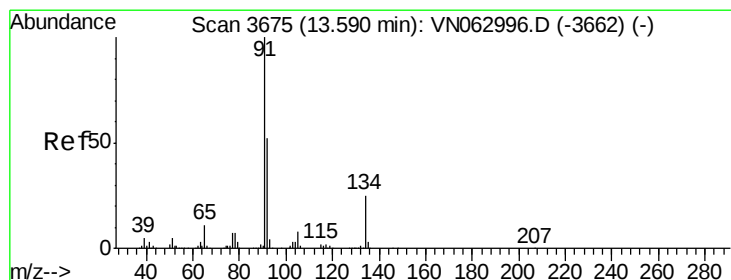
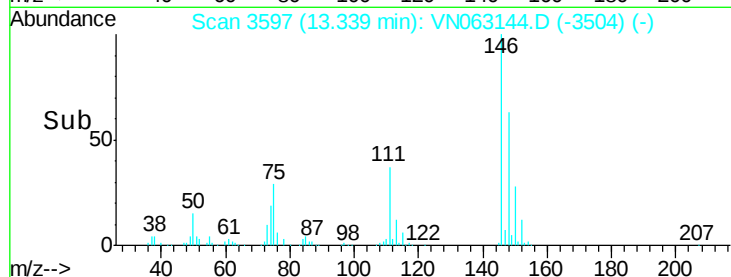
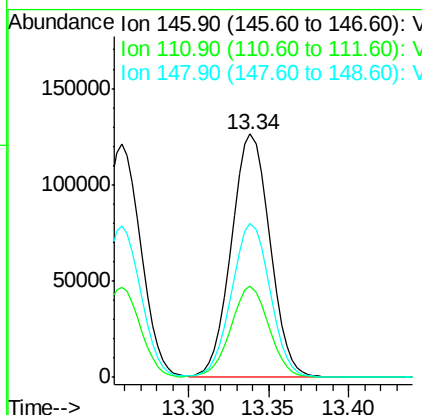
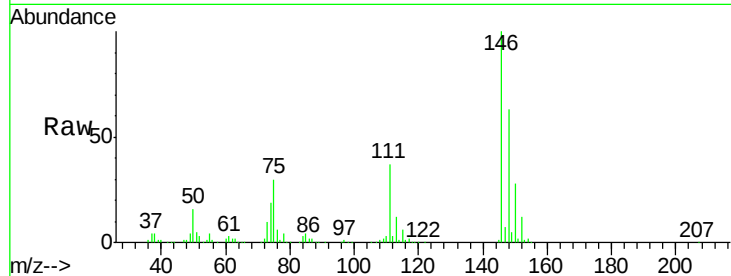
ClientSampleId :

BP-VPB181-GW-498-500MSD

Tot Ion:	146	Resp:	206674
Ion Ratio	Lower	Upper	
146	100		
111	37.1	18.8	56.4
148	63.6	32.4	97.0

Manual Integrations
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#89

n-Butylbenzene

Concen: 39.317 ug/l

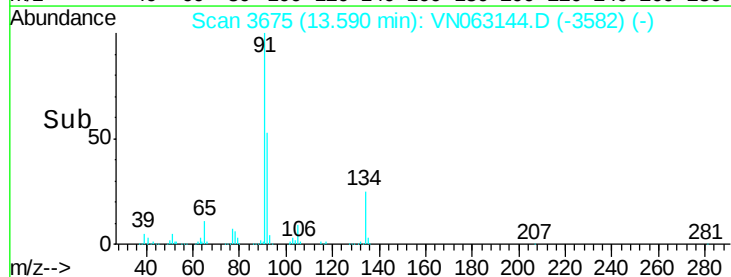
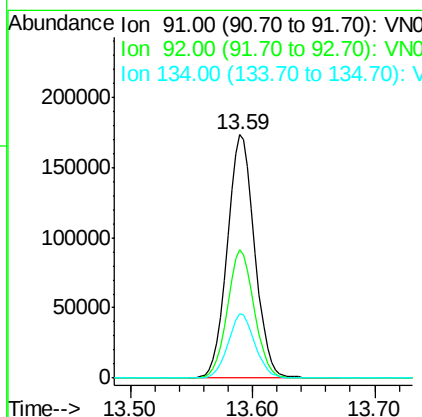
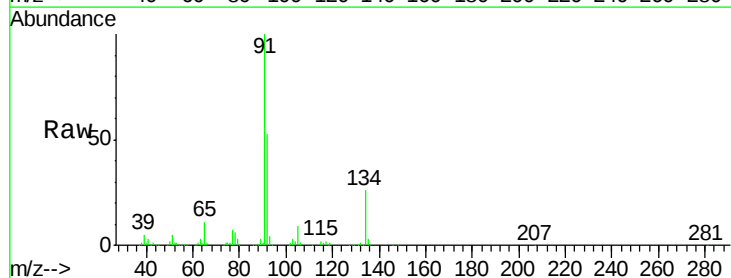
RT: 13.59 min Scan# 3675

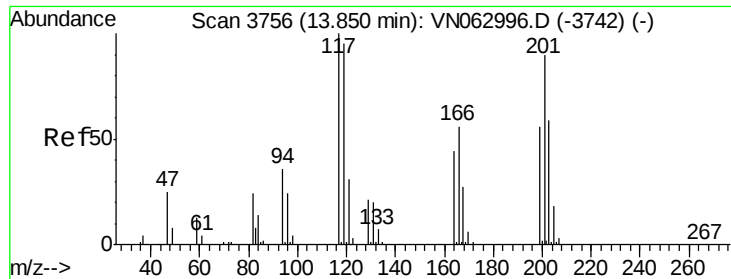
Delta R.T. 0.00 min

Lab File: VN063144.D

Acq: 26 Aug 2020 19:47

Tgt Ion:	91	Resp:	271569
Ion Ratio	Lower	Upper	
91	100		
92	51.8	25.9	77.6
134	26.1	12.4	37.0





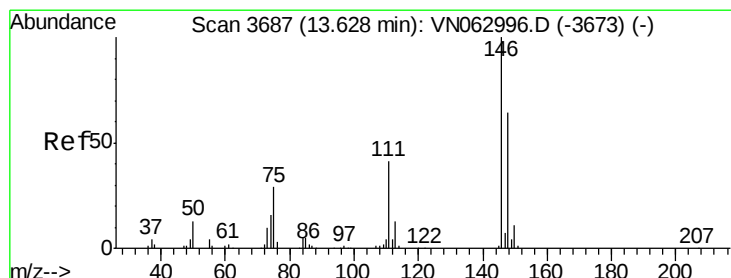
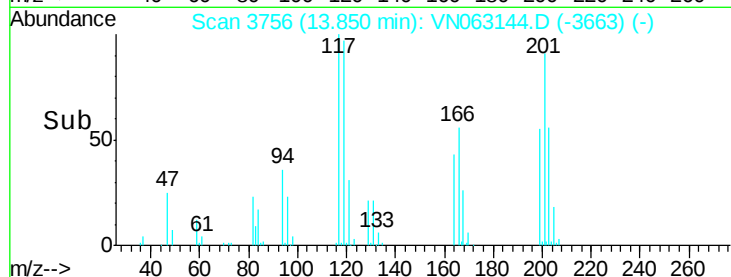
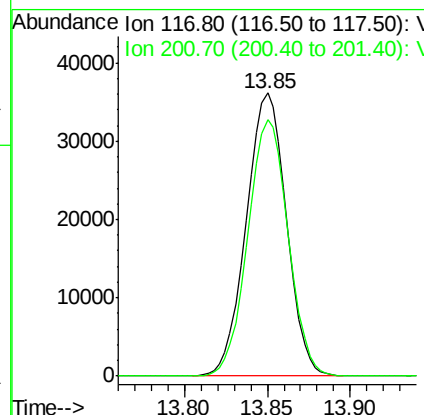
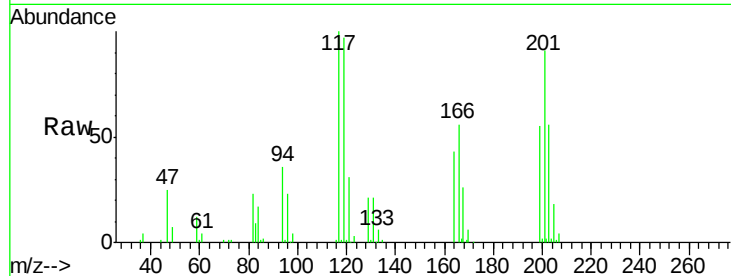
#90
Hexachloroethane
Concen: 38.759 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN063144.D
Acq: 26 Aug 2020 19:47

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

Tot Ion	Ratio	Lower	Upper
117	100		
201	90.7	44.1	132.4

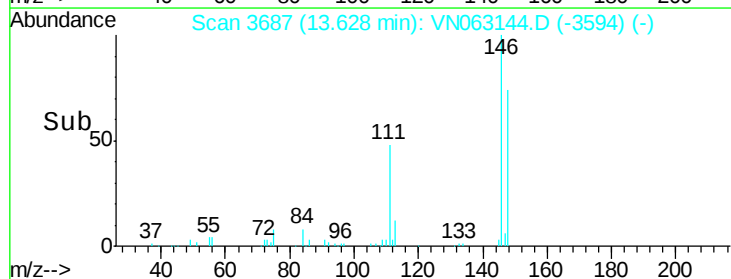
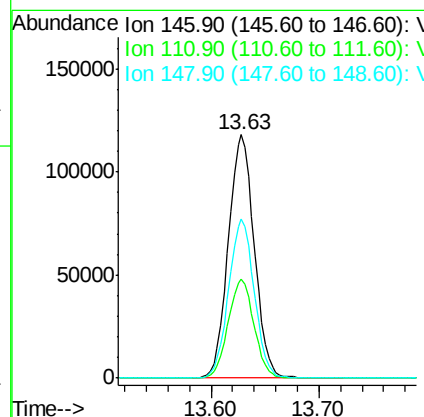
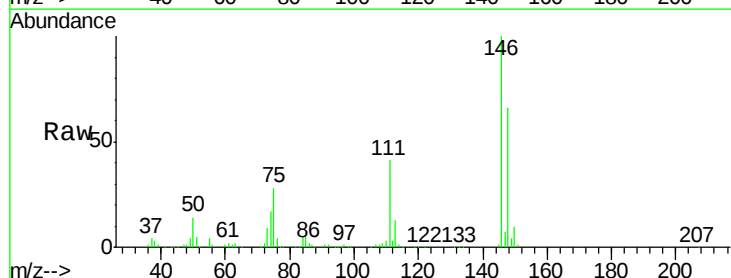
Manual Integrations
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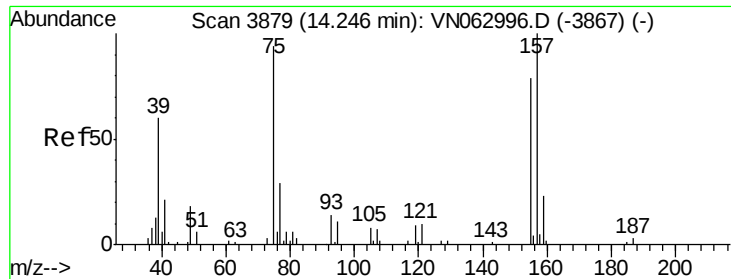
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#91
1,2-Dichlorobenzene
Concen: 49.226 ug/l
RT: 13.63 min Scan# 3687
Delta R.T. -0.00 min
Lab File: VN063144.D
Acq: 26 Aug 2020 19:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.2	60.5
148	64.7	31.9	95.5





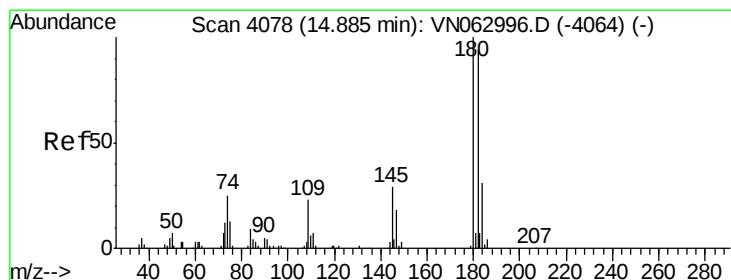
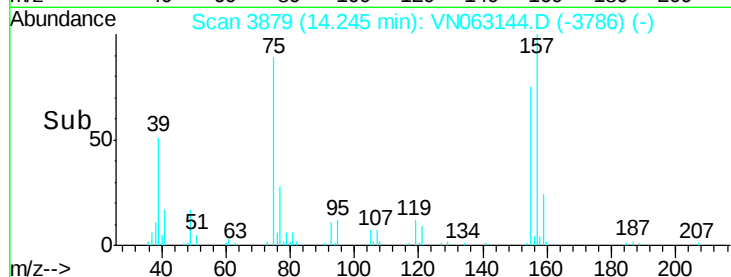
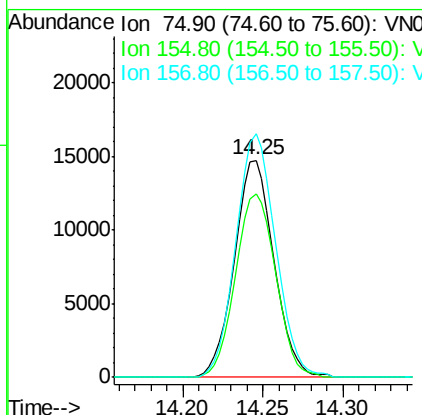
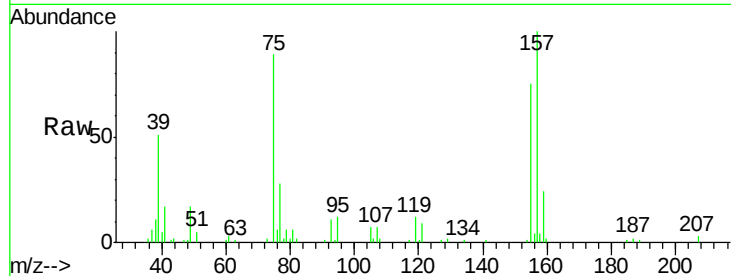
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.928 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN063144.D
 Acq: 26 Aug 2020 19:47

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

Tot Ion	Ratio	Lower	Upper
75	100		
155	85.7	42.4	127.1
157	112.7	55.2	165.6

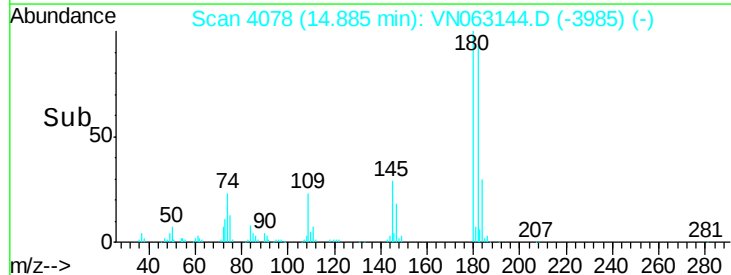
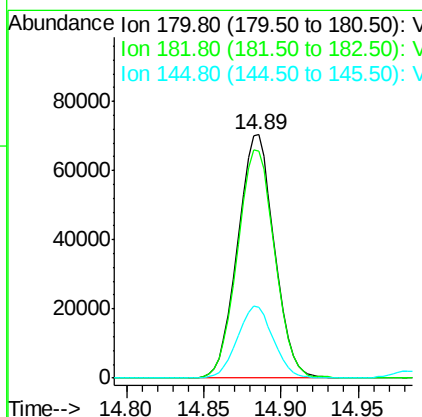
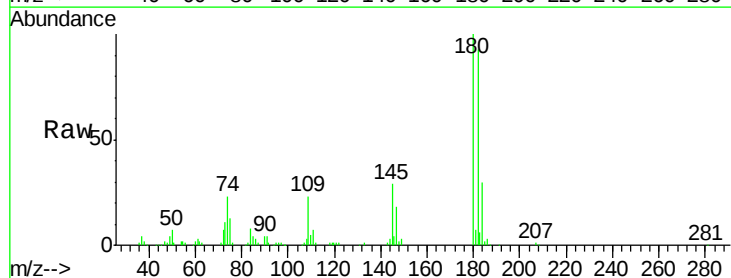
Manual Integrations
 APPROVED

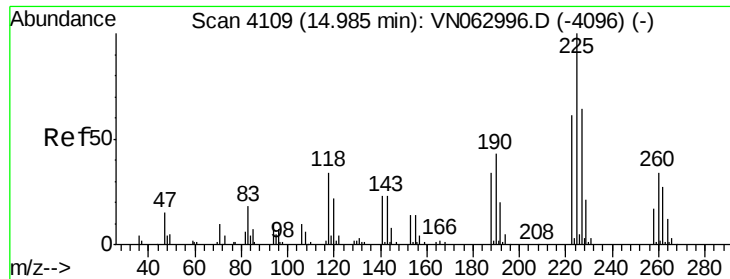
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#93
 1,2,4-Trichlorobenzene
 Concen: 51.723 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN063144.D
 Acq: 26 Aug 2020 19:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.0	141.2
145	29.1	14.1	42.4





#94

Hexachlorobutadiene

Concen: 28.061 ug/l

RT: 14.98 min Scan# 4109

Delta R.T. -0.00 min

Lab File: VN063144.D

Acq: 26 Aug 2020 19:47

Instrument :

MSVOA_N

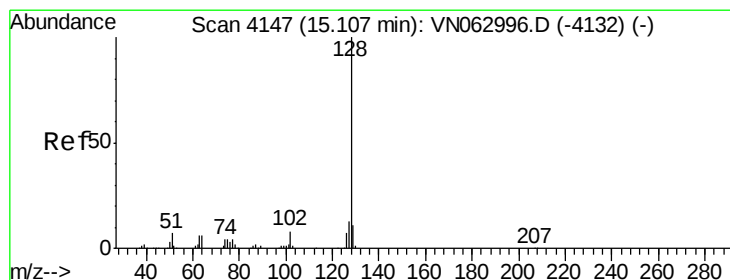
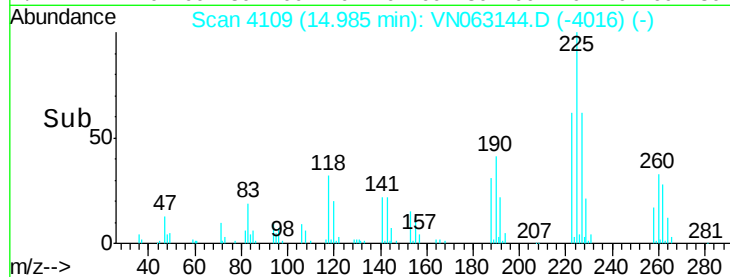
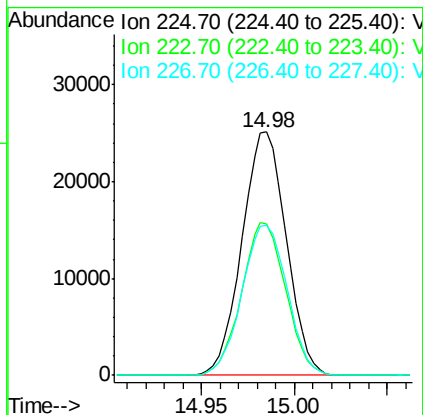
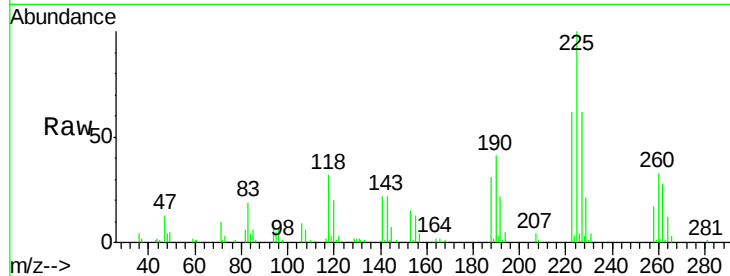
ClientSampleId :

BP-VPB181-GW-498-500MSD

Tot Ion:	225	Resp:	41730
Ion Ratio		Lower	Upper
225	100		
223	62.3	30.9	92.5
227	63.0	31.9	95.9

Manual Integrations
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#95

Naphthalene

Concen: 64.554 ug/l

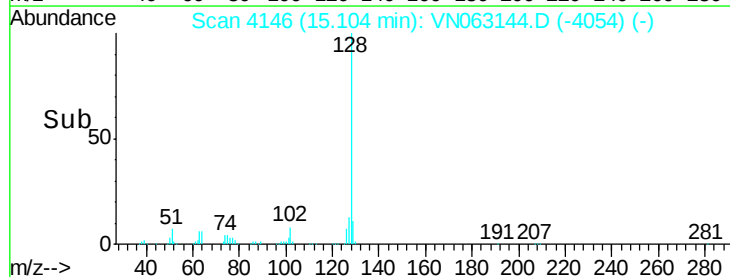
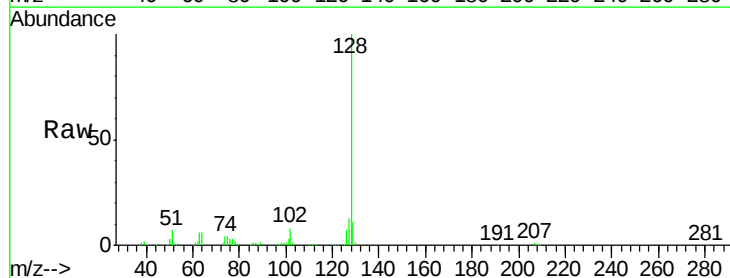
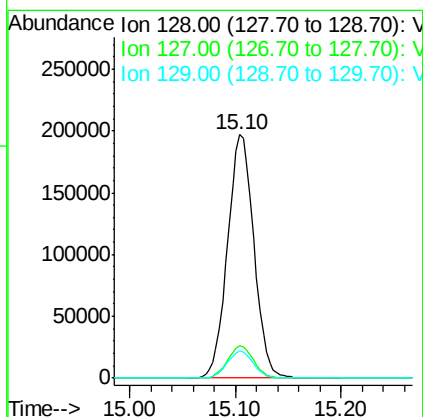
RT: 15.10 min Scan# 4146

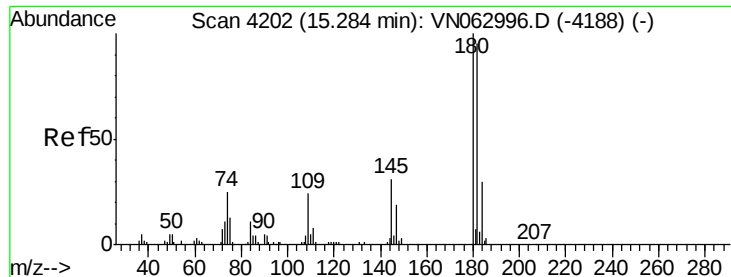
Delta R.T. -0.00 min

Lab File: VN063144.D

Acq: 26 Aug 2020 19:47

Tgt Ion:	128	Resp:	341032
Ion Ratio		Lower	Upper
128	100		
127	12.9	10.6	16.0
129	11.0	8.9	13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 51.912 ug/l
 RT: 15.28 min Scan# 4202
 Delta R.T. -0.00 min
 Lab File: VN063144.D
 Acq: 26 Aug 2020 19:47

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

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.7	47.3	141.9	
145	29.7	15.6	46.7	

Manual Integrations
 APPROVED

MMDadoda
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