

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111020\
 Data File : VN064542.D
 Acq On : 10 Nov 2020 21:50
 Operator : JC/MD
 Sample : L4684-10MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-498-500MSD

Manual Integrations
 APPROVED

MMDadoda
 11/11/2020 1:02:13 PM

Quant Time: Nov 11 03:39:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	312708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	556219	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	522047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	250171	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	265576	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
35) Dibromofluoromethane	7.55	113	182199	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
50) Toluene-d8	10.06	98	690675	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
62) 4-Bromofluorobenzene	12.38	95	263311	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	191798	47.117	ug/l	99
3) Chloromethane	2.04	50	239690	48.477	ug/l	99
4) Vinyl Chloride	2.17	62	255355	50.292	ug/l	99
5) Bromomethane	2.53	94	160767	49.563	ug/l	98
6) Chloroethane	2.67	64	163807	50.390	ug/l	100
7) Trichlorofluoromethane	2.99	101	373640	49.975	ug/l	99
8) Diethyl Ether	3.38	74	133983	50.746	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	168247	47.388	ug/l	99
10) Methyl Iodide	3.91	142	207808	50.372	ug/l	99
11) Tert butyl alcohol	4.75	59	159073	264.822	ug/l	99
12) 1,1-Dichloroethene	3.69	96	251651	75.247	ug/l	95
13) Acrolein	3.57	56	135039	362.430	ug/l	97
14) Allyl chloride	4.28	41	315031	48.154	ug/l	99
15) Acrylonitrile	4.94	53	446266	266.848	ug/l	98
16) Acetone	3.78	43	587512	283.163	ug/l	100
17) Carbon Disulfide	4.01	76	487934	48.788	ug/l	100
18) Methyl Acetate	4.28	43	202501	49.644	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	601636	49.984	ug/l	# 74
20) Methylene Chloride	4.51	84	212451	51.608	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	191104	50.327	ug/l	99
22) Diisopropyl ether	5.91	45	718917	51.768	ug/l	99
23) Vinyl Acetate	5.85	43	2816650	249.319	ug/l	99
24) 1,1-Dichloroethane	5.80	63	646697	84.744	ug/l	100
25) 2-Butanone	6.79	43	608561	230.200	ug/l	100
26) 2,2-Dichloropropane	6.78	77	289865	41.960	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	215860	49.059	ug/l	98
28) Bromochloromethane	7.15	49	183696	48.972	ug/l	99
29) Tetrahydrofuran	7.17	42	408515	251.871	ug/l	99
30) Chloroform	7.33	83	406287	50.649	ug/l	99
31) Cyclohexane	7.62	56	298965	45.152	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	390261	54.853	ug/l	98
36) 1,1-Dichloropropene	7.75	75	288741	49.139	ug/l	98
37) Ethyl Acetate	6.89	43	266383	44.748	ug/l	100
38) Carbon Tetrachloride	7.73	117	321461	51.188	ug/l	99

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

39) Methylcyclohexane	9.05	83	256386	48.673	ug/l	100
40) Benzene	8.00	78	3582285	207.466	ug/l	100
41) Methacrylonitrile	7.13	41	124518	47.797	ug/l	94
42) 1,2-Dichloroethane	8.09	62	559056	80.230	ug/l	98
43) Isopropyl Acetate	8.13	43	476785	50.068	ug/l	98
44) Trichloroethene	8.80	130	214668	49.276	ug/l	99
45) 1,2-Dichloropropane	9.08	63	230638	50.060	ug/l	98
46) Dibromomethane	9.18	93	155735	51.349	ug/l	99
47) Bromodichloromethane	9.37	83	335533	51.452	ug/l	99
48) Methyl methacrylate	9.17	41	246240	51.245	ug/l	97
49) 1,4-Dioxane	9.17	88	67673	1069.240	ug/l	99
51) 4-Methyl-2-Pentanone	9.96	43	1411841	254.233	ug/l	100
52) Toluene	10.13	92	534235	50.728	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	341277	49.363	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	347461	47.005	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	211641	51.530	ug/l	99
56) Ethyl methacrylate	10.40	69	305673	45.410	ug/l	99
57) 1,3-Dichloropropane	10.68	76	365311	50.958	ug/l	99
59) 2-Hexanone	10.72	43	1007635	222.957	ug/l	100
60) Dibromochloromethane	10.87	129	243817	53.022	ug/l	100
61) 1,2-Dibromoethane	10.98	107	218506	52.450	ug/l	99
64) Tetrachloroethene	10.60	164	191323	47.577	ug/l	96
65) Chlorobenzene	11.41	112	562550	49.155	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	223228	52.285	ug/l	99
67) Ethyl Benzene	11.49	91	1029541	50.575	ug/l	99
68) m/p-Xylenes	11.59	106	762054	103.223	ug/l	99
69) o-Xylene	11.92	106	454825	63.756	ug/l	99
70) Stvrene	11.94	104	632139	52.659	ug/l	98
71) Bromoform	12.10	173	159410	49.732	ug/l #	99
73) Isopropylbenzene	12.23	105	1037176	52.160	ug/l	100
74) N-amyl acetate	12.05	43	406926	42.385	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	307714	50.383	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	285614m	47.120	ug/l	
77) Bromobenzene	12.50	156	231157	47.616	ug/l	98
78) n-propylbenzene	12.57	91	1123381	49.554	ug/l	100
79) 2-Chlorotoluene	12.65	91	692621	48.172	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	815173	49.693	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	99158	45.676	ug/l	99
82) 4-Chlorotoluene	12.75	91	733259	48.697	ug/l	99
83) tert-Butylbenzene	12.97	119	643157	50.200	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	823205	49.920	ug/l	100
85) sec-Butylbenzene	13.15	105	836600	51.560	ug/l	100
86) p-Isopropyltoluene	13.26	119	751177	51.469	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	412061	49.102	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	417610	48.154	ug/l	98
89) n-Butylbenzene	13.59	91	628222	50.064	ug/l	100
90) Hexachloroethane	13.85	117	144978	51.495	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	404807	50.148	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	63307	52.062	ug/l	98
93) 1,2,4-Trichlorobenzene	14.88	180	181341	45.430	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	83810	50.995	ug/l	100
95) Naphthalene	15.10	128	581559	42.936	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	177379	45.913	ug/l	99

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

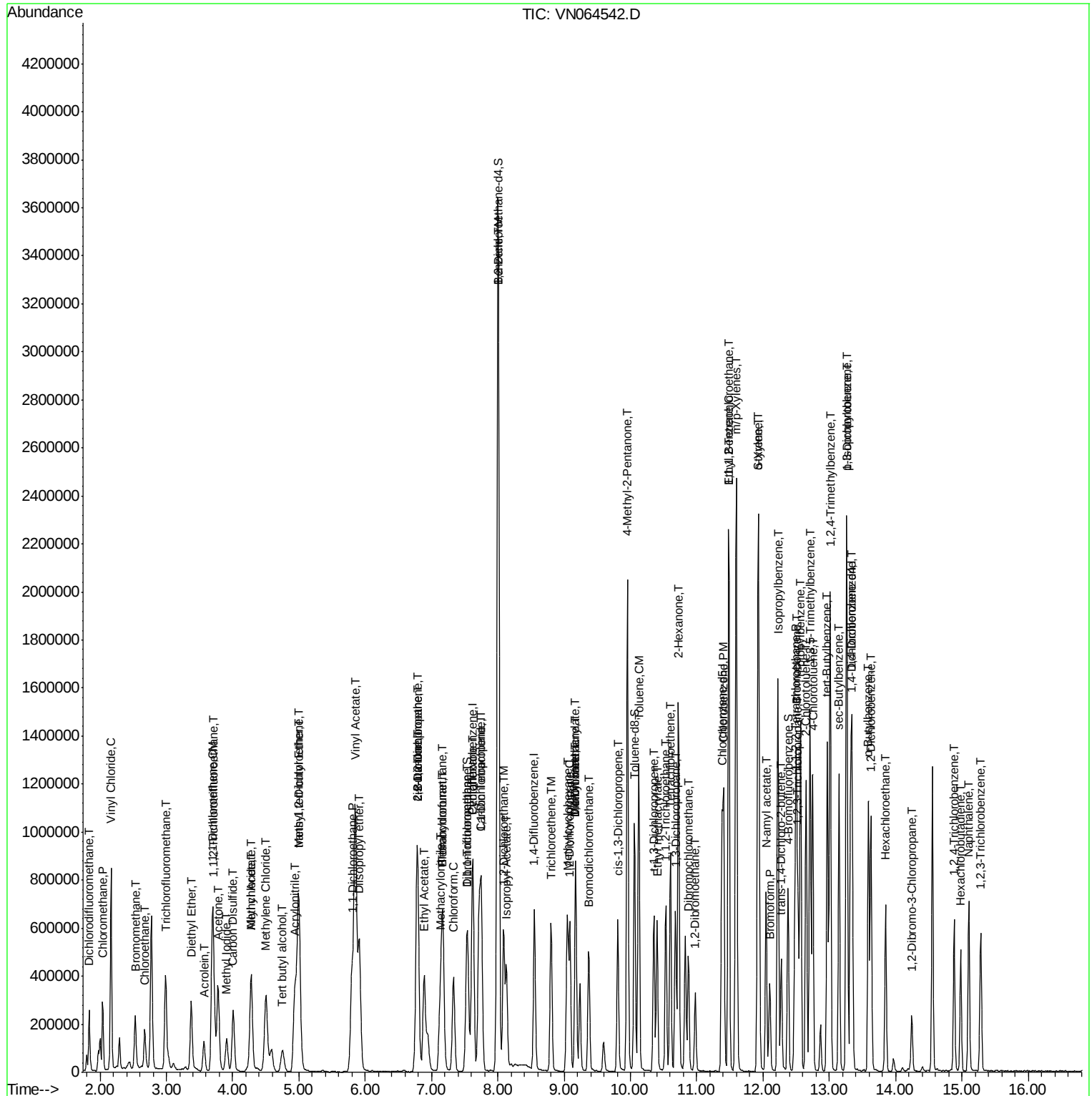
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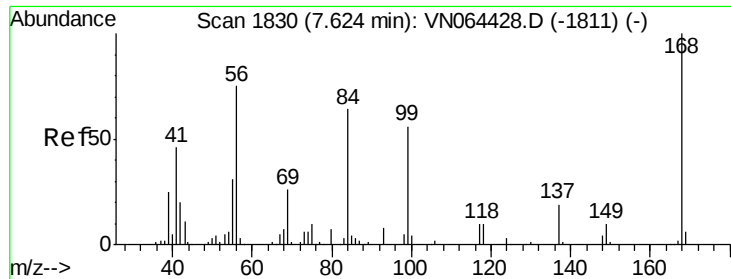
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064542.D

Acq: 10 Nov 2020 21:50

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-498-500MSD

Tot Ion:168 Resp: 312708

Ion Ratio Lower Upper

168 100

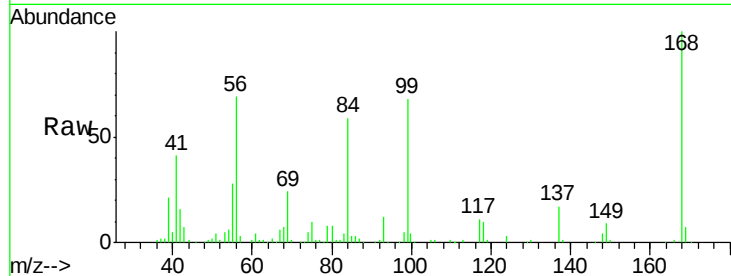
99 67.3 53.4 80.2

Manual Integrations

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11/11/2020 1:02:13 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

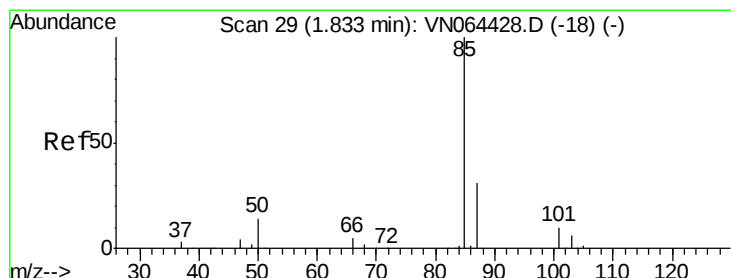
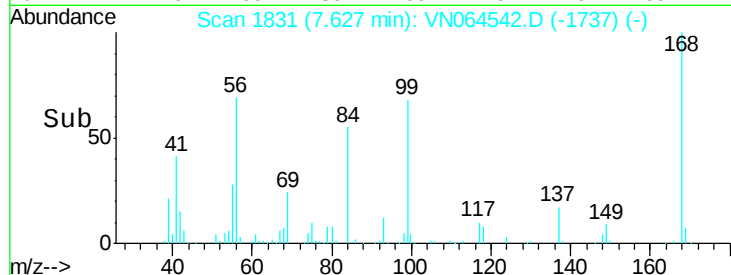
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.117 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064542.D

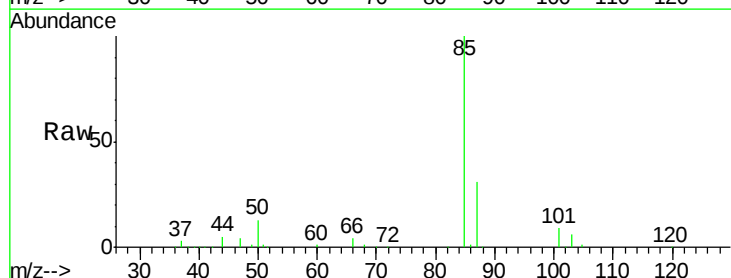
Acq: 10 Nov 2020 21:50

Tgt Ion: 85 Resp: 191798

Ion Ratio Lower Upper

85 100

87 30.6 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

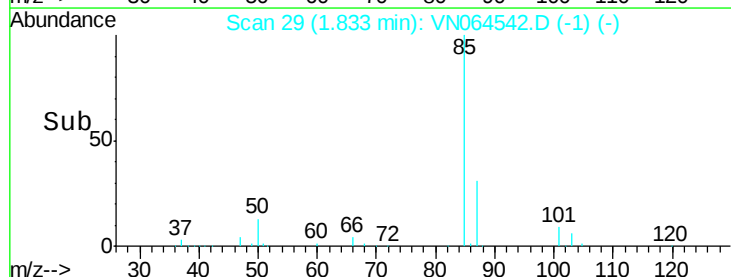
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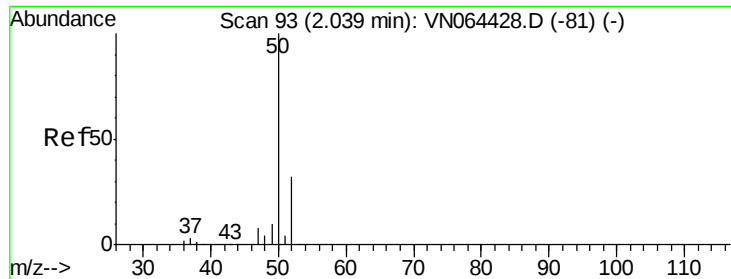
100000

50000

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Time-->





#3

Chloromethane

Concen: 48.477 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064542.D

Acq: 10 Nov 2020 21:50

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-498-500MSD

Tot Ion: 50 Resp: 239690

Ion Ratio Lower Upper

50 100

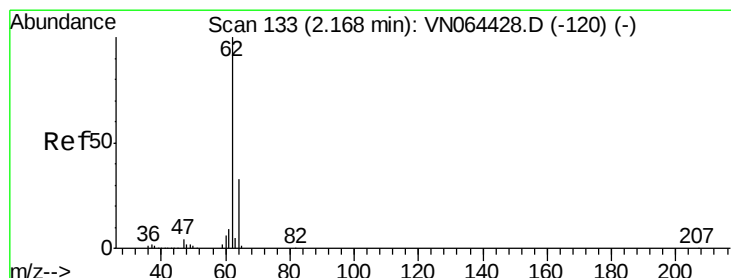
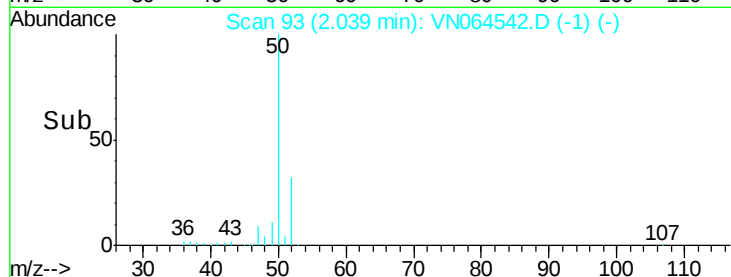
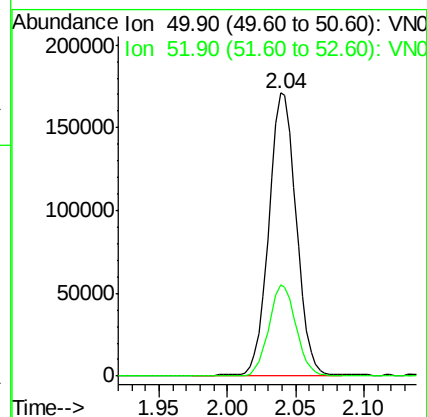
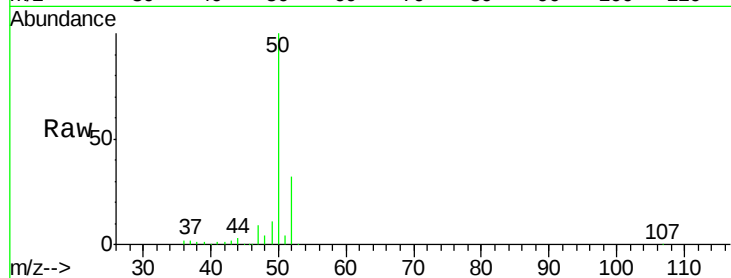
52 32.1 25.3 37.9

Manual Integrations

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11/11/2020 1:02:13 PM



#4

Vinyl Chloride

Concen: 50.292 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064542.D

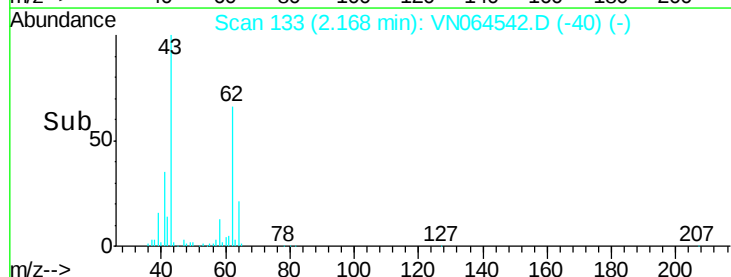
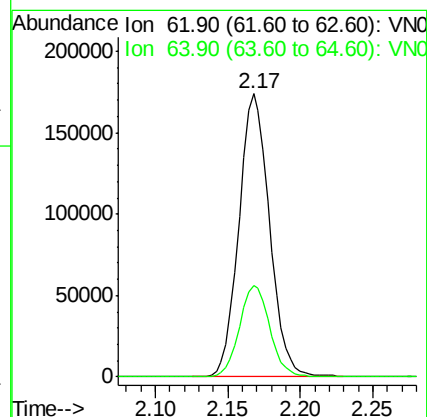
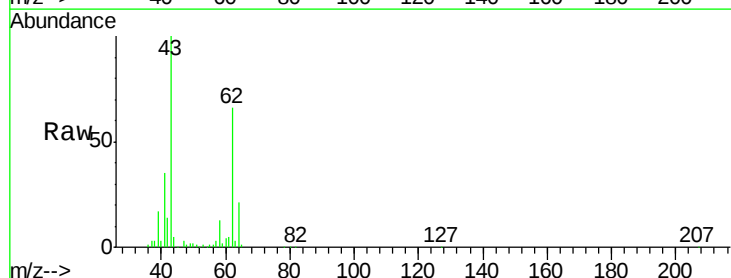
Acq: 10 Nov 2020 21:50

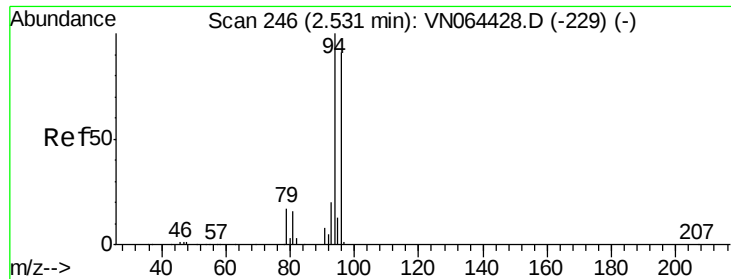
Tgt Ion: 62 Resp: 255355

Ion Ratio Lower Upper

62 100

64 32.2 26.3 39.5





#5

Bromomethane

Concen: 49.563 ug/l

RT: 2.53 min Scan# 246

Delta R.T. -0.00 min

Lab File: VN064542.D

Acq: 10 Nov 2020 21:50

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 160767

Ion Ratio Lower Upper

94 100

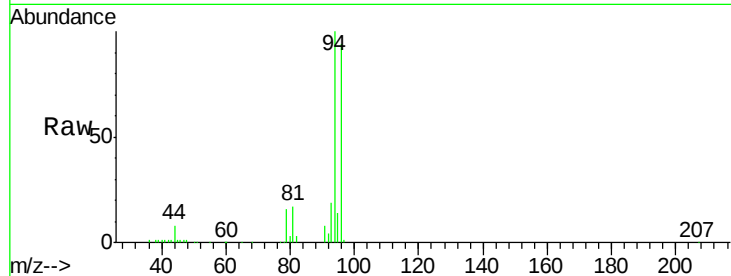
96 93.7 73.1 109.7

Manual Integrations

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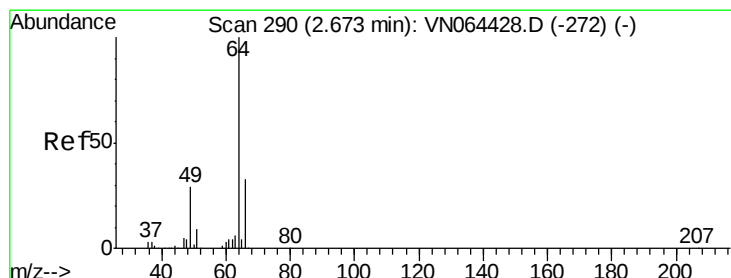
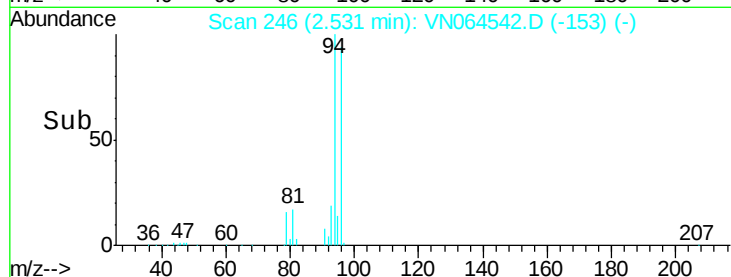
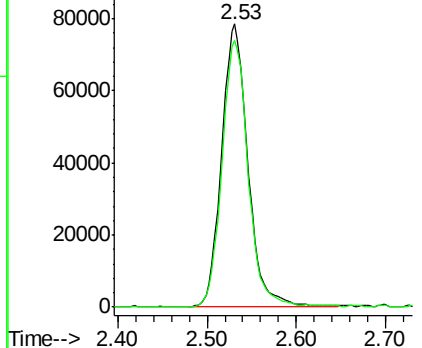
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 50.390 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN064542.D

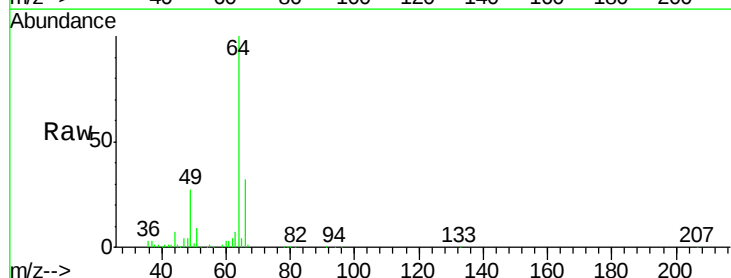
Acq: 10 Nov 2020 21:50

Tgt Ion: 64 Resp: 163807

Ion Ratio Lower Upper

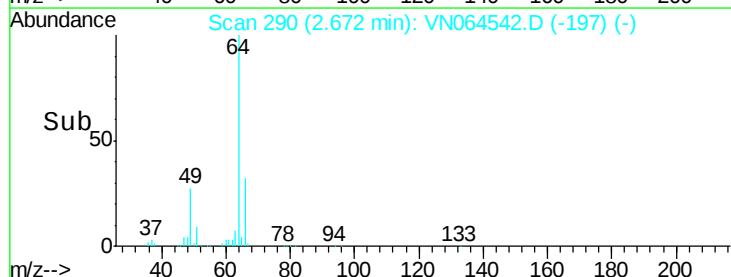
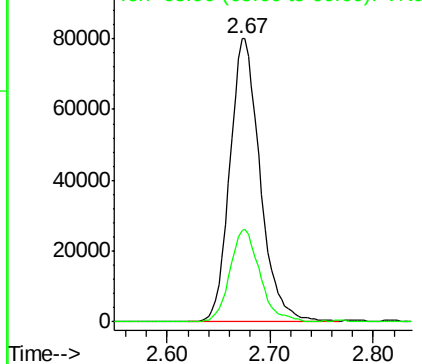
64 100

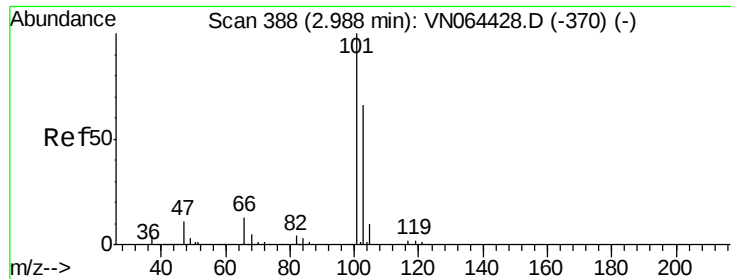
66 32.3 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

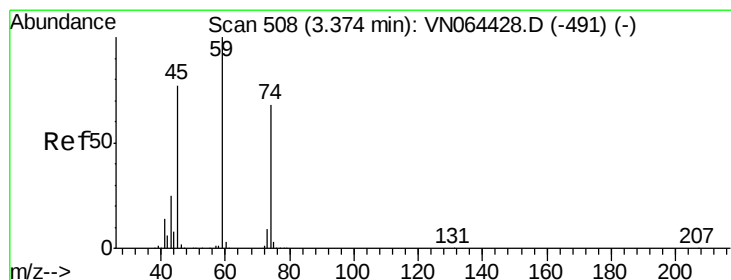
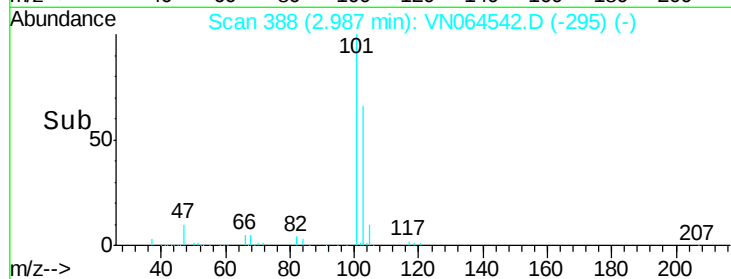
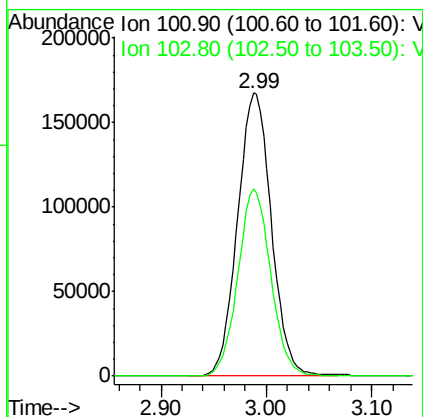
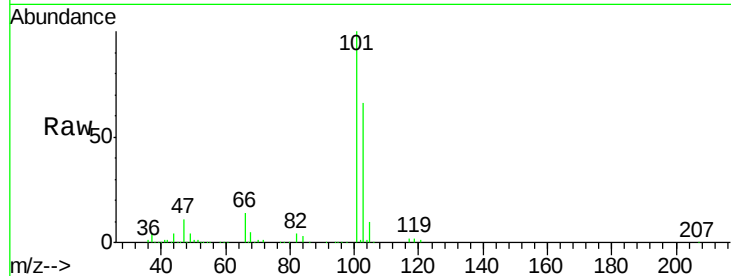
Trichlorofluoromethane
 Concen: 49.975 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN064542.D
 Acq: 10 Nov 2020 21:50

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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.4	52.4	78.6

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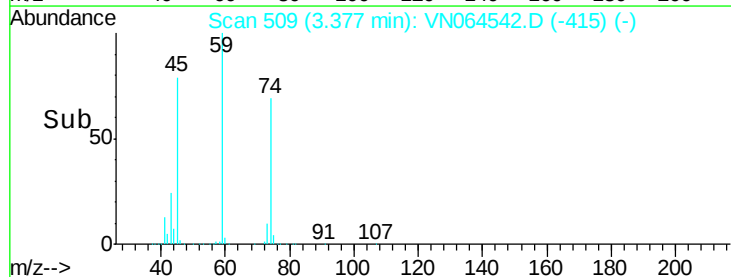
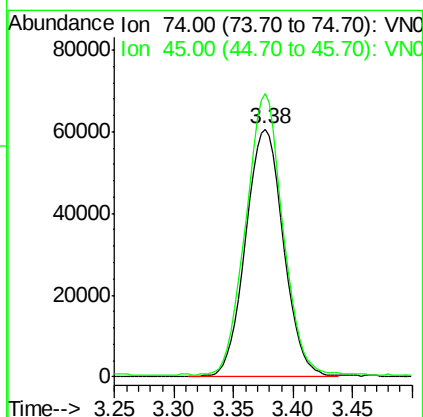
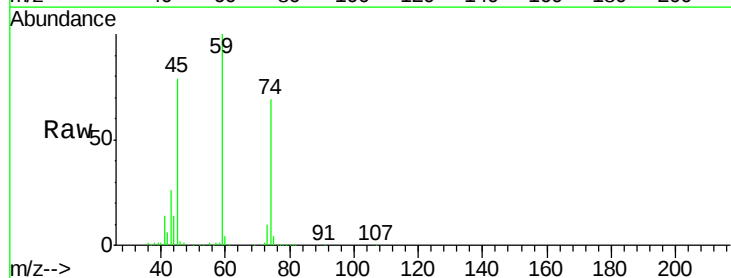
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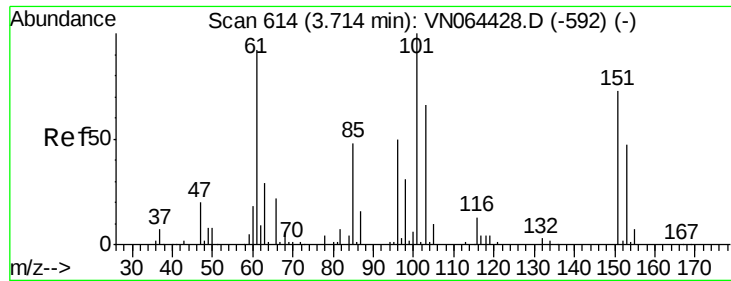


#8

Diethyl Ether
 Concen: 50.746 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN064542.D
 Acq: 10 Nov 2020 21:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.7	55.9	167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.388 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN064542.D

Acq: 10 Nov 2020 21:50

Instrument :

MSVOA_N

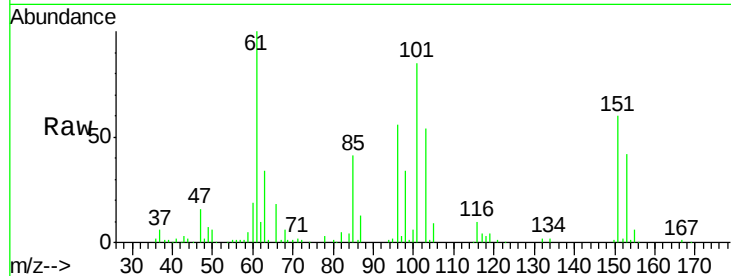
ClientSampleId :

BP-VPB178-GW-498-500MSD

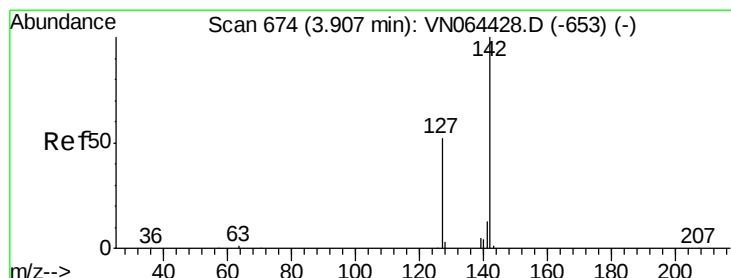
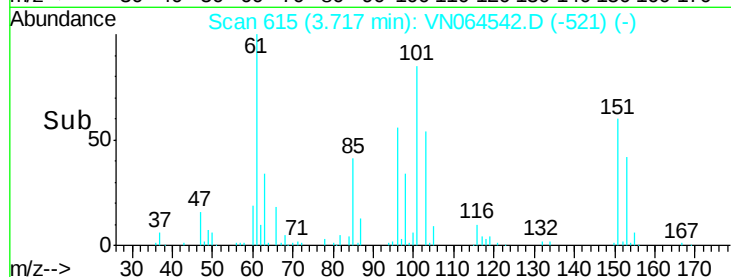
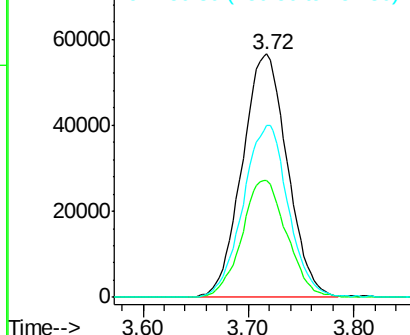
Tot Ion:	101	Resp:	168247
Ion Ratio	Lower	Upper	
101	100		
85	47.8	38.6	57.8
151	70.7	57.5	86.3

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



#10

Methyl Iodide

Concen: 50.372 ug/l

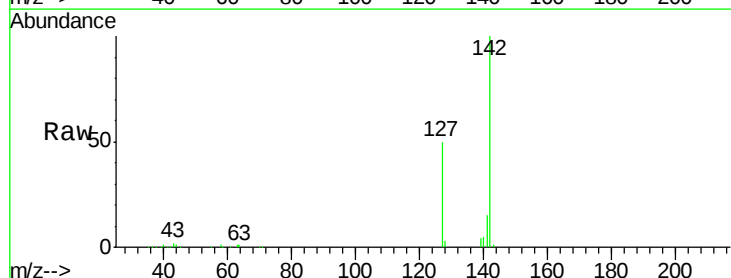
RT: 3.91 min Scan# 674

Delta R.T. -0.00 min

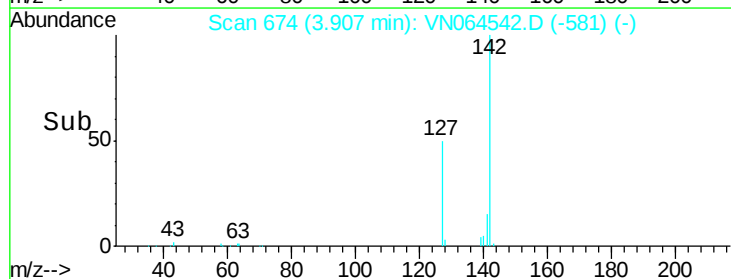
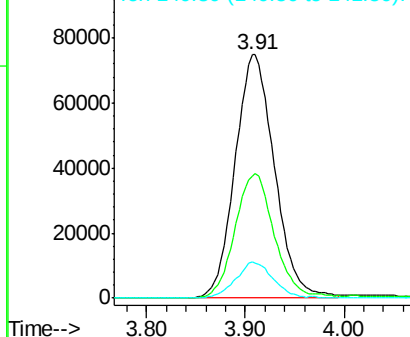
Lab File: VN064542.D

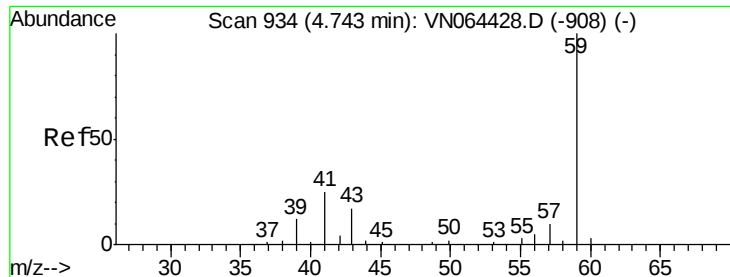
Acq: 10 Nov 2020 21:50

Tgt Ion:	142	Resp:	207808
Ion Ratio	Lower	Upper	
142	100		
127	51.1	41.8	62.8
141	14.0	11.4	17.2



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





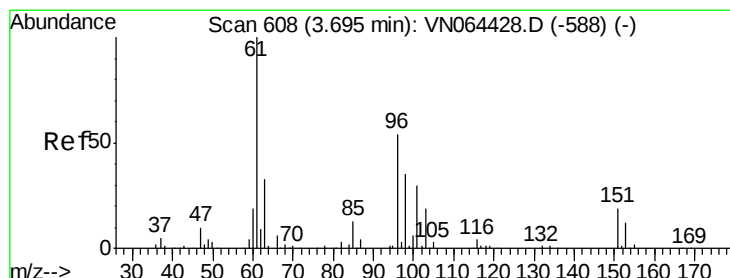
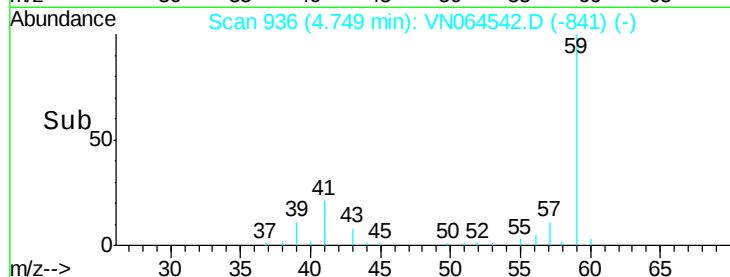
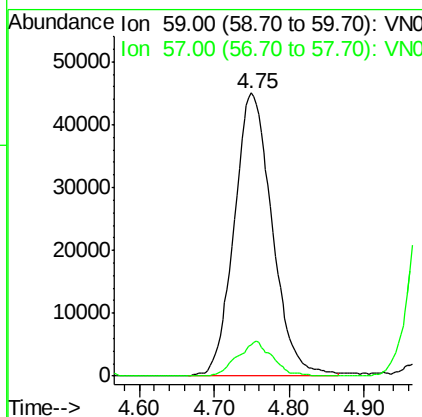
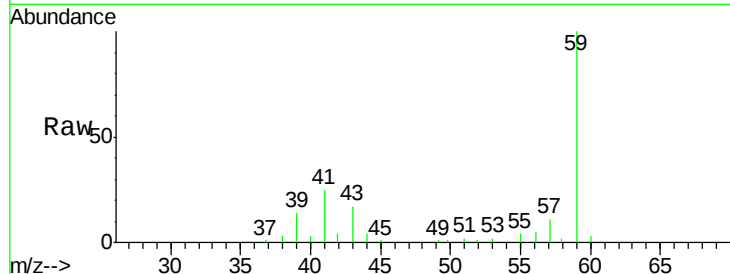
#11
Tert butyl alcohol
Concen: 264.822 ug/l
RT: 4.75 min Scan# 936
Delta R.T. 0.01 min
Lab File: VN064542.D
Acq: 10 Nov 2020 21:50

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-498-500MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	9.0	13.4

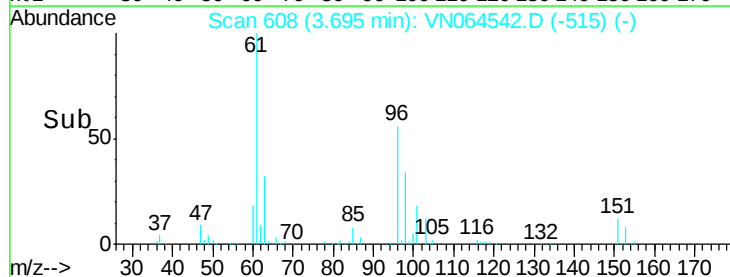
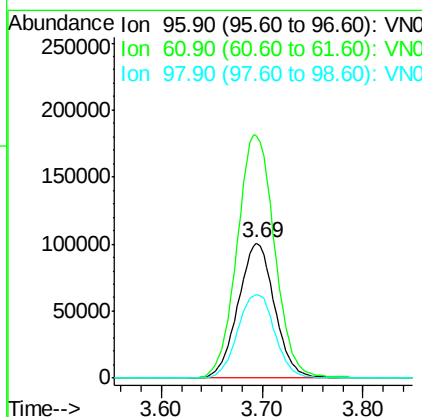
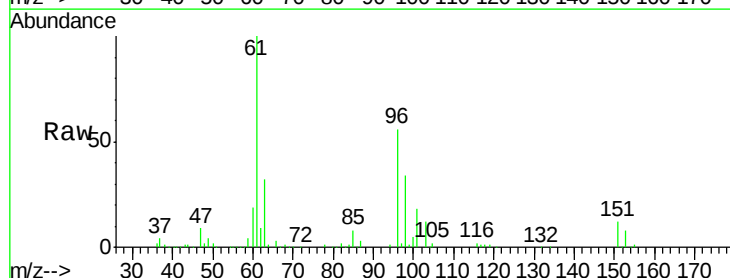
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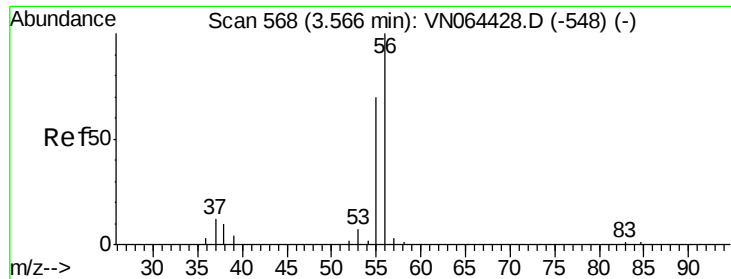
MMDadoda
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#12
1,1-Dichloroethene
Concen: 75.247 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN064542.D
Acq: 10 Nov 2020 21:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	180.0	149.5	224.3
98	61.9	52.4	78.6





#13

Acrolein

Concen: 362.430 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064542.D

Acq: 10 Nov 2020 21:50

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-498-500MSD

Tot Ion: 56 Resp: 135039

Ion Ratio Lower Upper

56 100

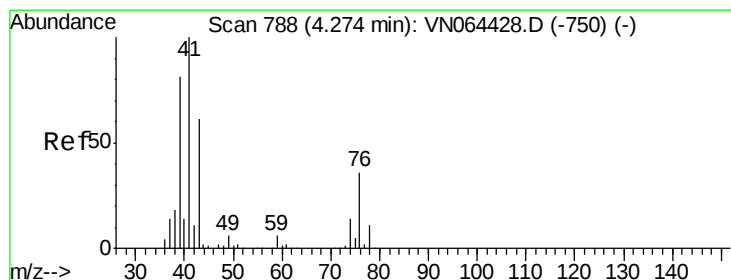
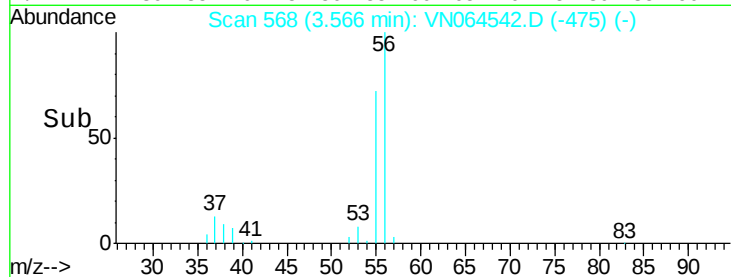
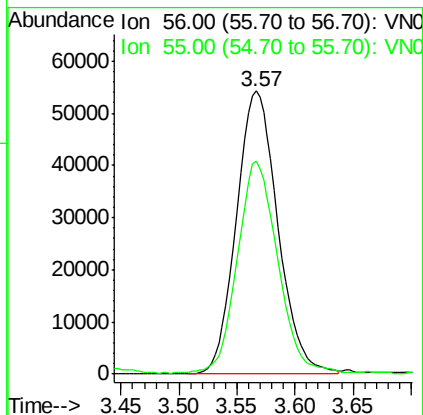
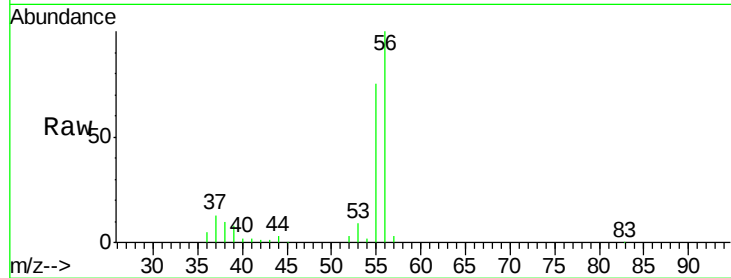
55 72.4 55.9 83.9

Manual Integrations

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#14

Allyl chloride

Concen: 48.154 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064542.D

Acq: 10 Nov 2020 21:50

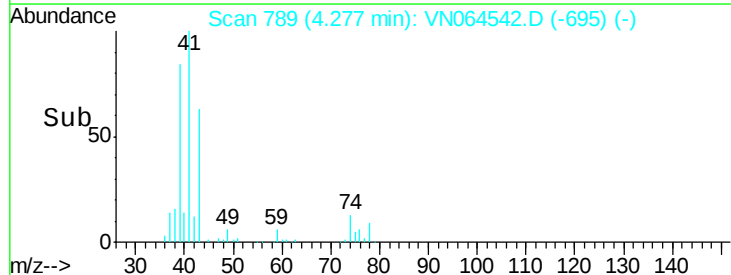
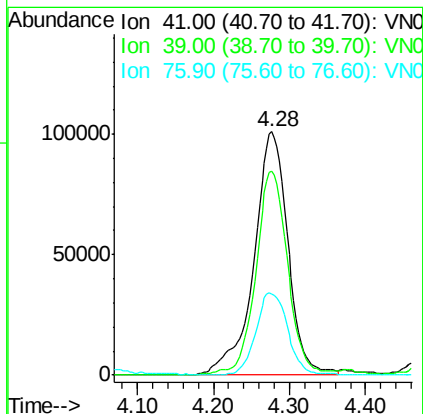
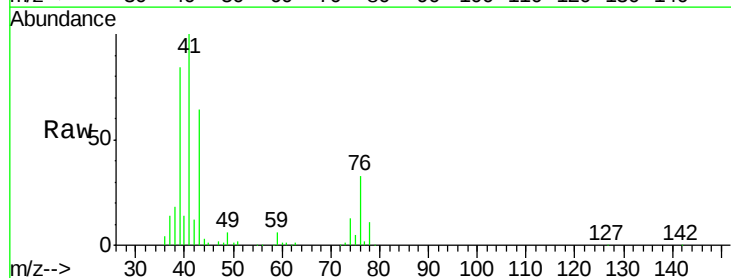
Tgt Ion: 41 Resp: 315031

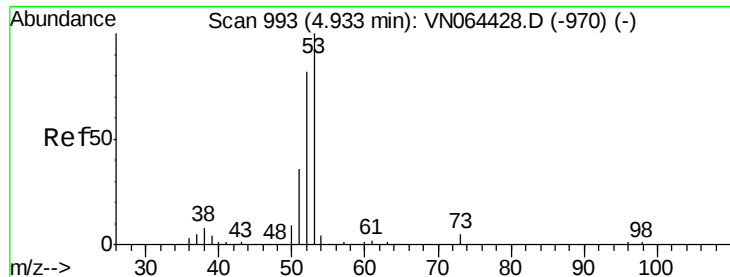
Ion Ratio Lower Upper

41 100

39 78.2 61.8 92.8

76 31.9 25.4 38.0





#15

Acrylonitrile

Concen: 266.848 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064542.D

Acq: 10 Nov 2020 21:50

Instrument :

MSVOA_N

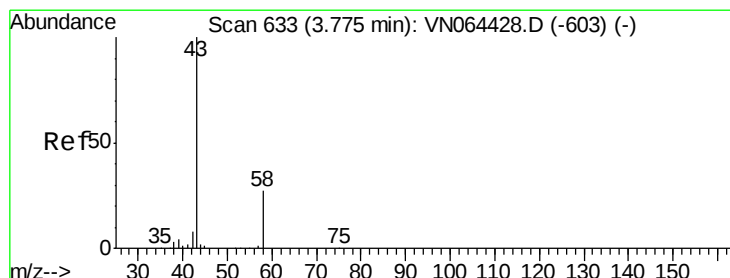
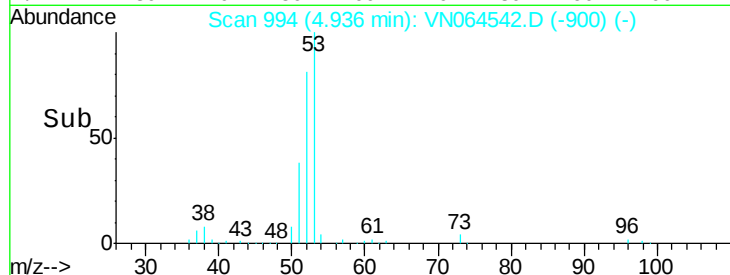
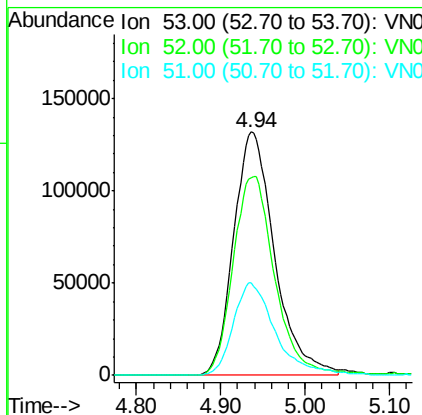
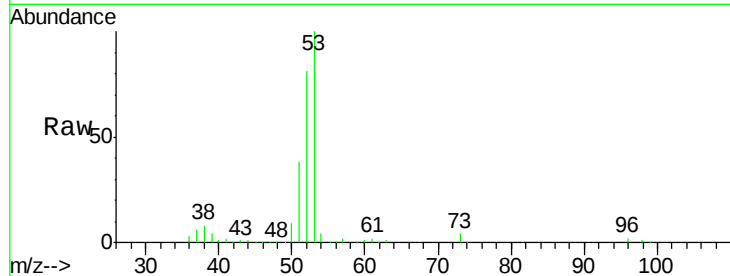
ClientSampleId :

BP-VPB178-GW-498-500MSD

Tot Ion:	53	Resp:	446266
Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.6	98.4
51	39.2	29.9	44.9

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#16

Acetone

Concen: 283.163 ug/l

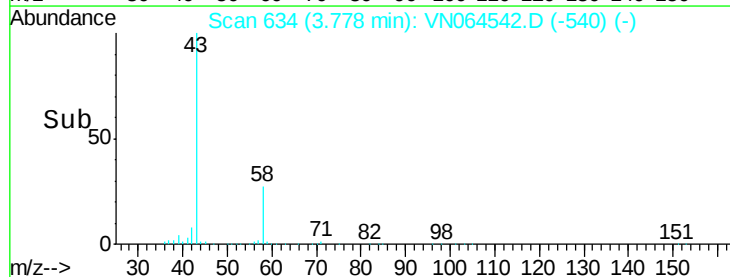
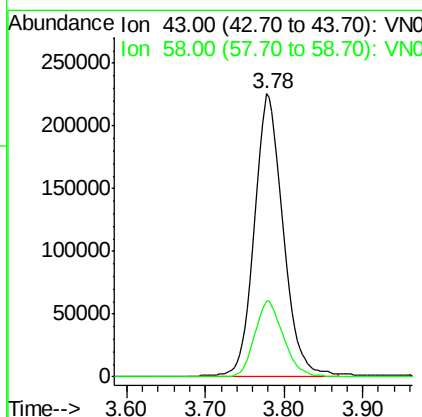
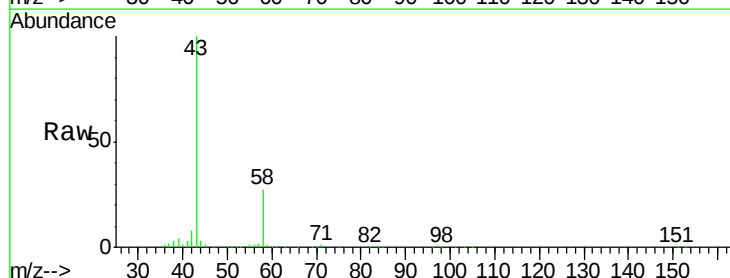
RT: 3.78 min Scan# 634

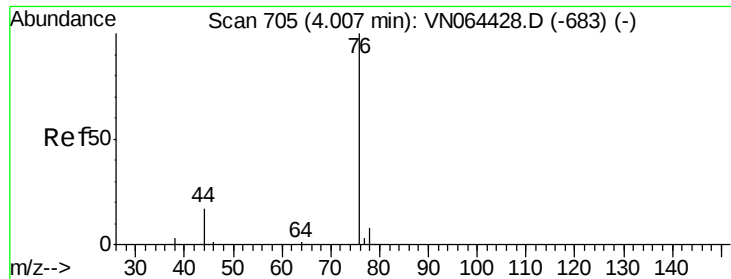
Delta R.T. 0.00 min

Lab File: VN064542.D

Acq: 10 Nov 2020 21:50

Tgt Ion:	43	Resp:	587512
Ion	Ratio	Lower	Upper
43	100		
58	26.9	21.4	32.0





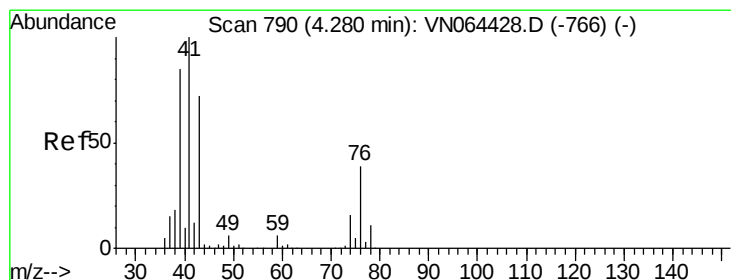
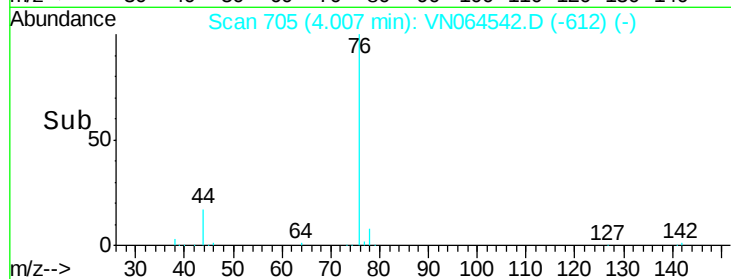
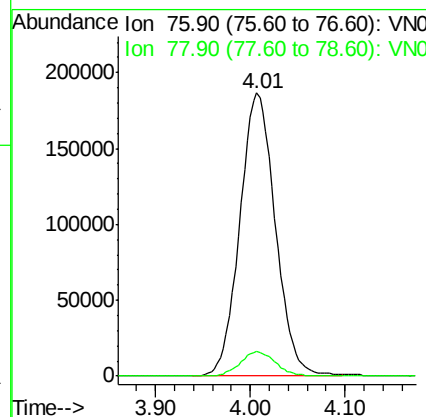
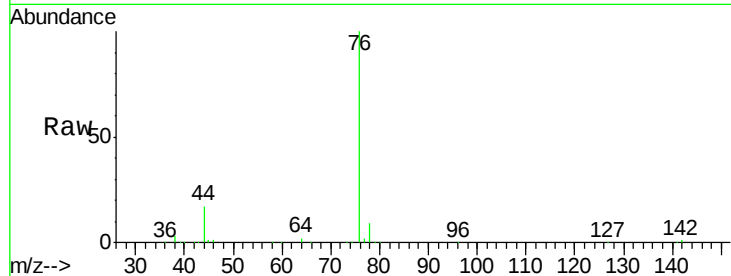
#17
Carbon Disulfide
Concen: 48.788 ug/l
RT: 4.01 min Scan# 705
Delta R.T. -0.00 min
Lab File: VN064542.D
Acq: 10 Nov 2020 21:50

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-498-500MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	6.8	10.2

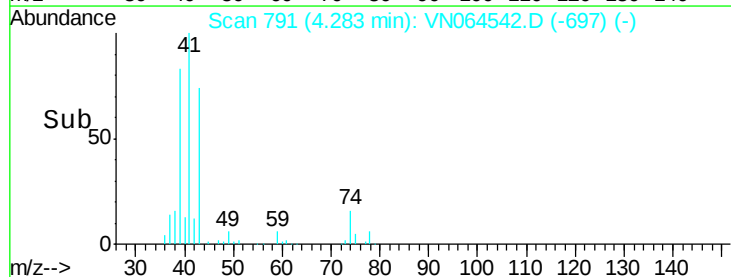
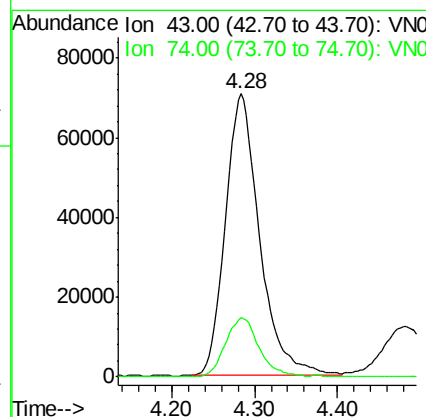
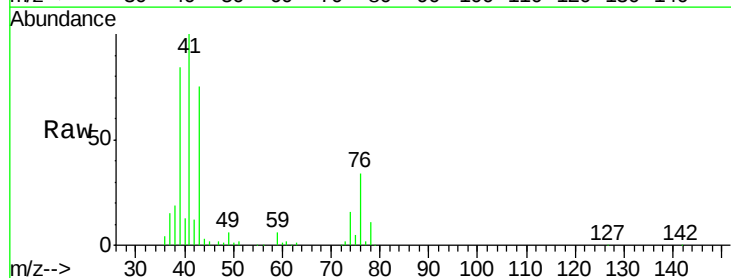
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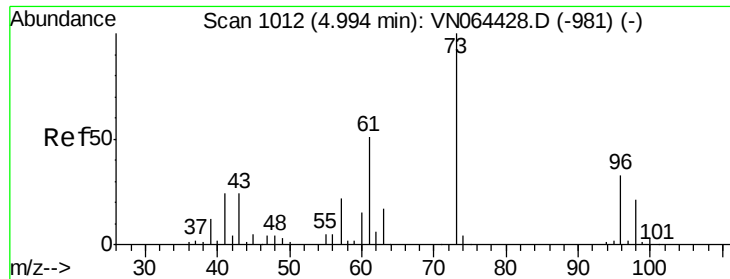
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#18
Methyl Acetate
Concen: 49.644 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN064542.D
Acq: 10 Nov 2020 21:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.6	17.0	25.4





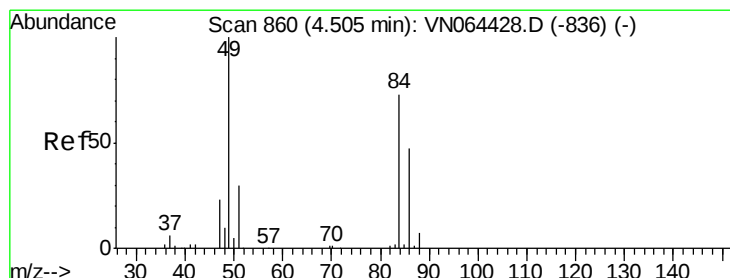
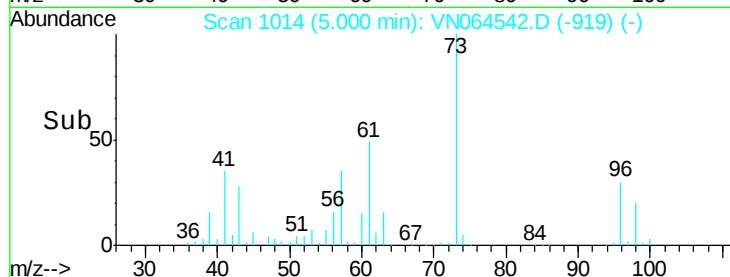
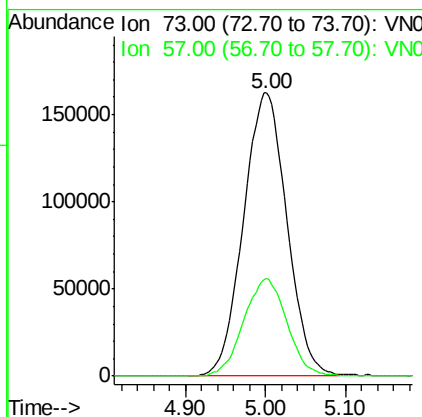
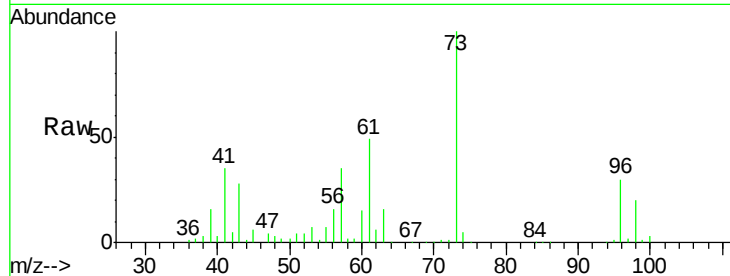
#19
Methyl tert-butyl Ether
Concen: 49.984 ug/l
RT: 5.00 min Scan# 1014
Delta R.T. 0.01 min
Lab File: VN064542.D
Acq: 10 Nov 2020 21:50

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-498-500MSD

Tot Ion: 73 Resp: 601636
Ion Ratio Lower Upper
73 100
57 34.6 17.7 26.5#

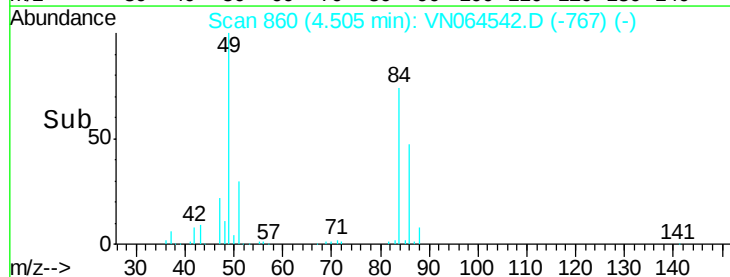
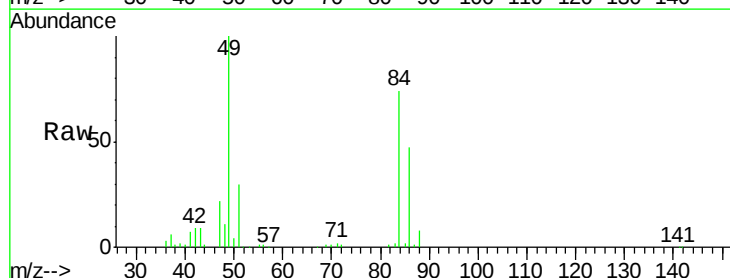
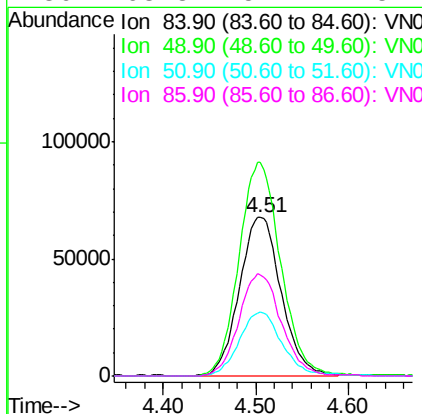
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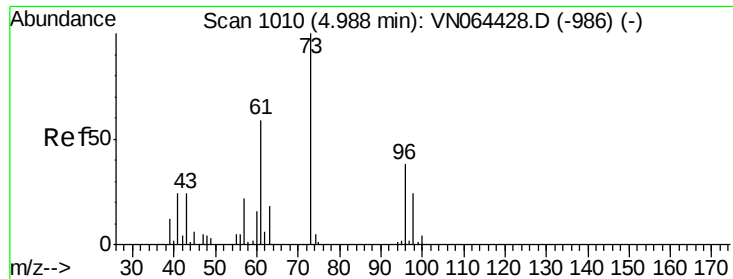
MMDadoda
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#20
Methylene Chloride
Concen: 51.608 ug/l
RT: 4.51 min Scan# 860
Delta R.T. -0.00 min
Lab File: VN064542.D
Acq: 10 Nov 2020 21:50

Tgt Ion: 84 Resp: 212451
Ion Ratio Lower Upper
84 100
49 134.7 110.1 165.1
51 39.7 33.6 50.4
86 63.8 52.1 78.1





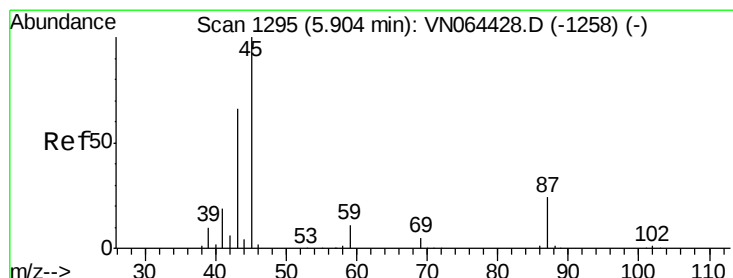
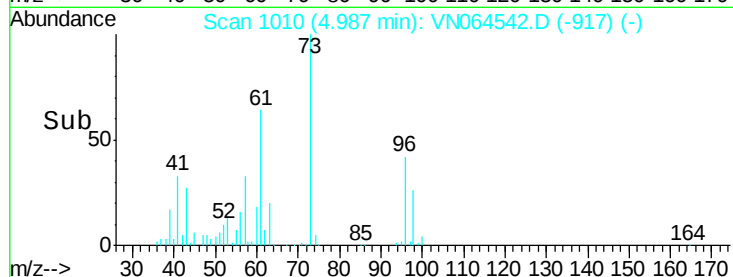
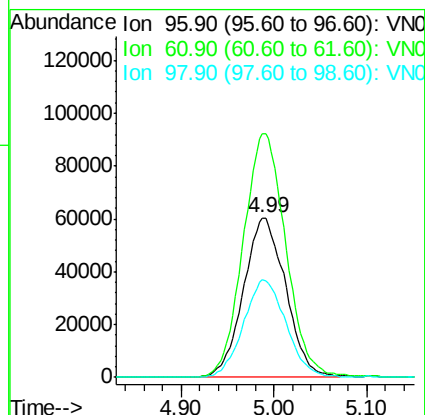
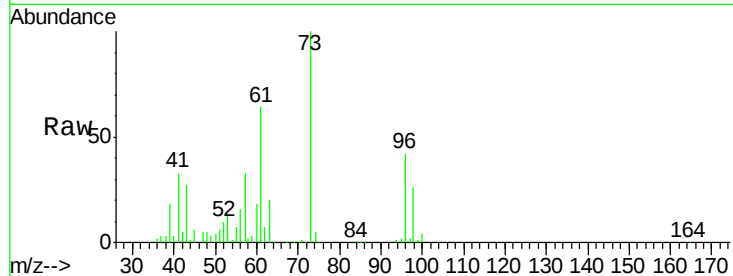
#21
trans-1,2-Dichloroethene
Concen: 50.327 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN064542.D
Acq: 10 Nov 2020 21:50

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-498-500MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.6	122.4	183.6
98	61.5	50.4	75.6

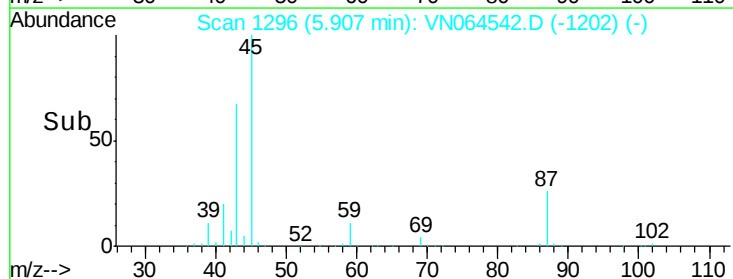
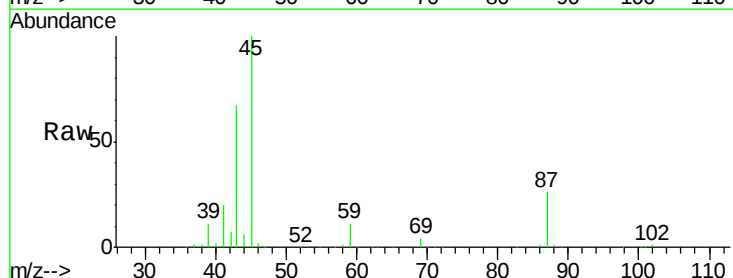
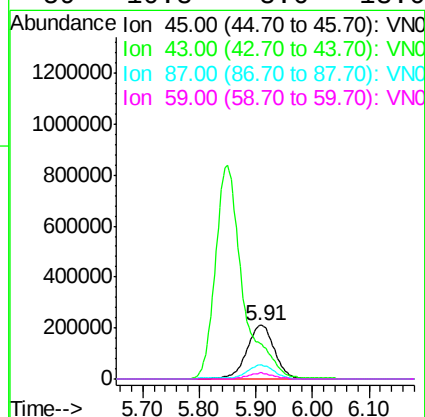
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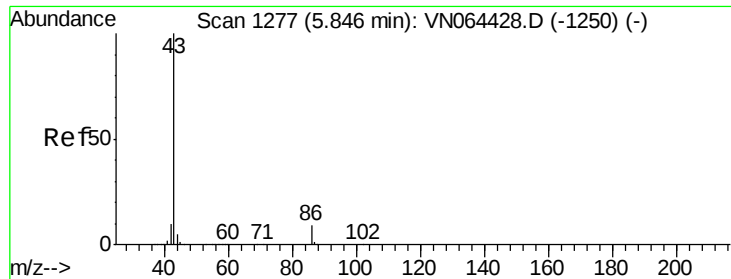
MMDadoda
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#22
Diisopropyl ether
Concen: 51.768 ug/l
RT: 5.91 min Scan# 1296
Delta R.T. 0.00 min
Lab File: VN064542.D
Acq: 10 Nov 2020 21:50

Tgt Ion	Ratio	Lower	Upper
45	100		
43	66.4	53.2	79.8
87	26.1	19.9	29.9
59	10.8	8.6	13.0





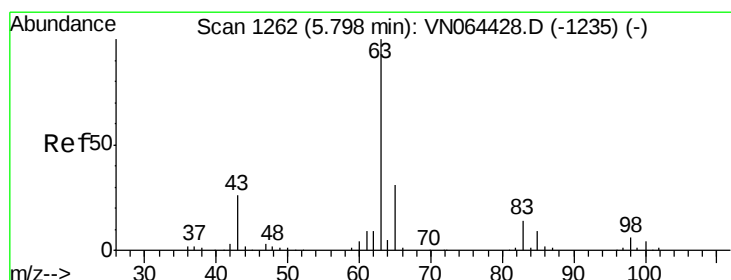
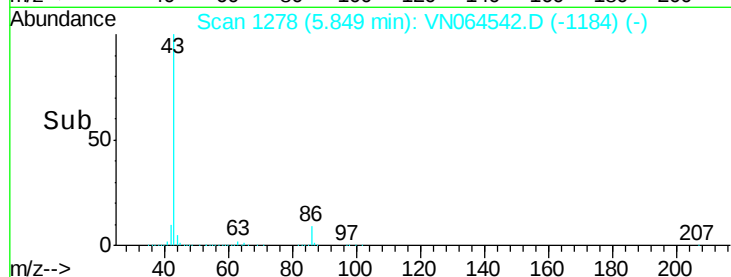
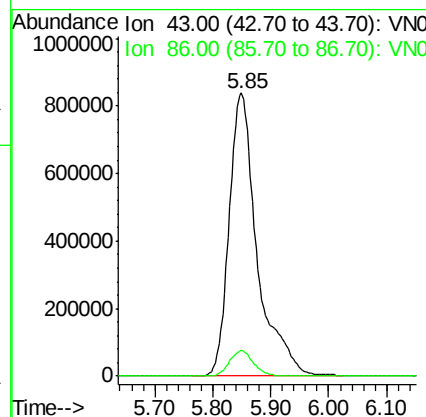
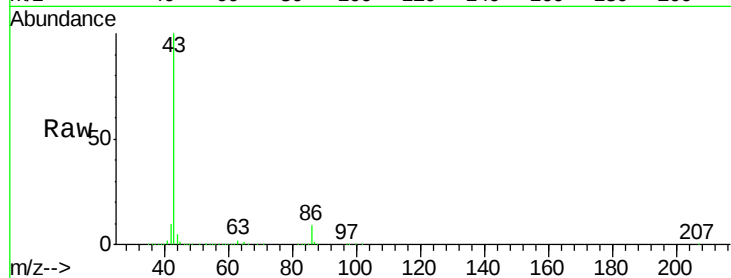
#23
 Vinyl Acetate
 Concen: 249.319 ug/l
 RT: 5.85 min Scan# 1278
 Delta R.T. 0.00 min
 Lab File: VN064542.D
 Acq: 10 Nov 2020 21:50

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-498-500MSD

Tot Ion: 43 Resp: 2816650
 Ion Ratio Lower Upper
 43 100
 86 9.0 6.8 10.2

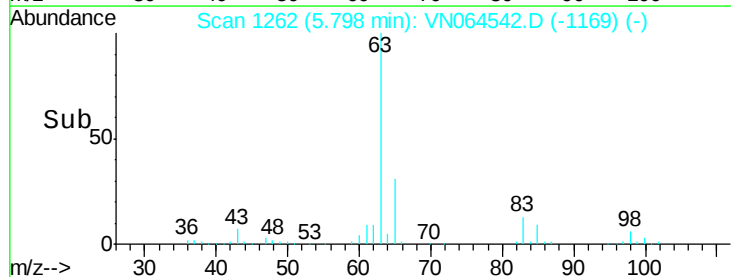
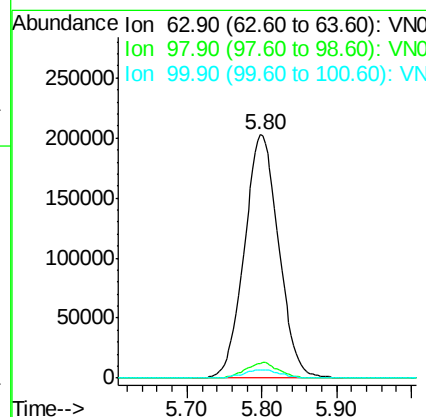
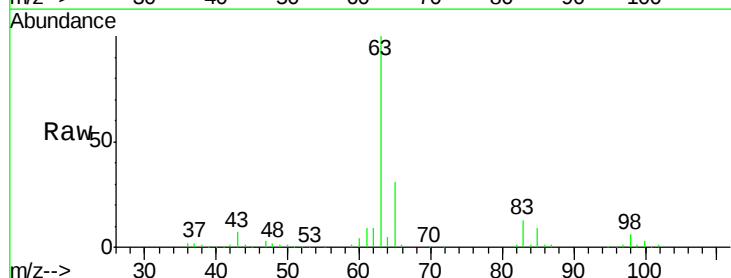
Manual Integrations
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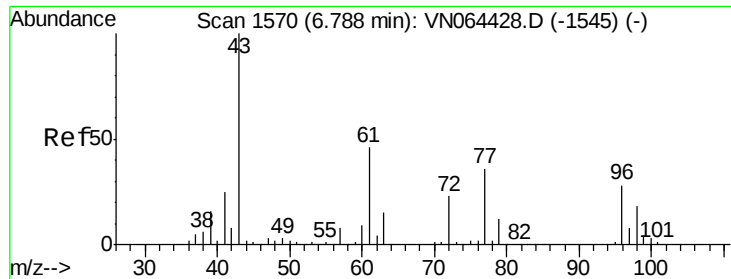
MMDadoda
 11/11/2020 1:02:13 PM



#24
 1,1-Dichloroethane
 Concen: 84.744 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN064542.D
 Acq: 10 Nov 2020 21:50

Tgt Ion: 63 Resp: 646697
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.0 9.2
 100 3.4 1.8 5.3





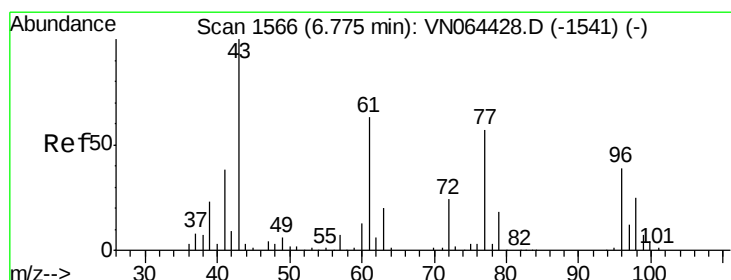
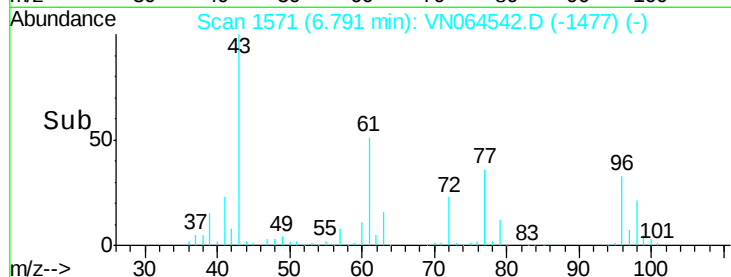
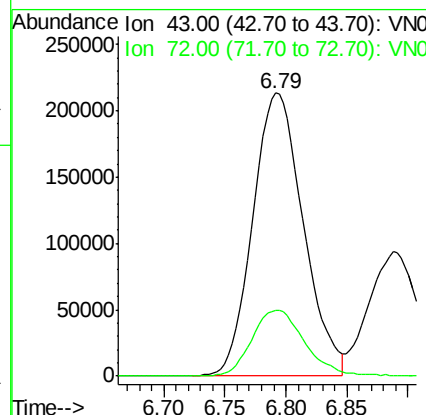
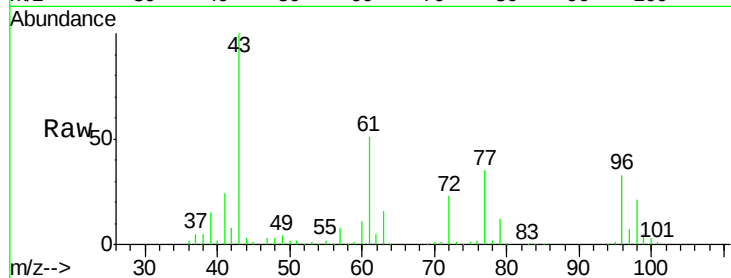
#25
2-Butanone
Concen: 230.200 ug/l
RT: 6.79 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN064542.D
Acq: 10 Nov 2020 21:50

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-498-500MSD

Tot Ion: 43 Resp: 608561
Ion Ratio Lower Upper
43 100
72 23.2 18.5 27.7

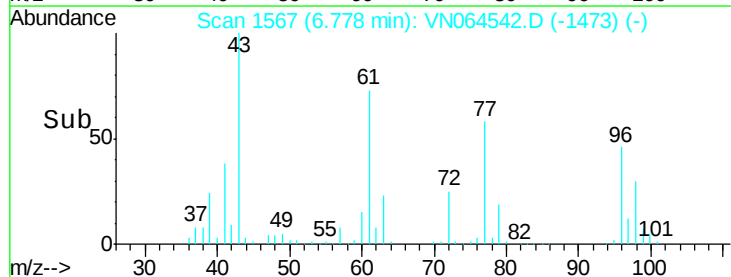
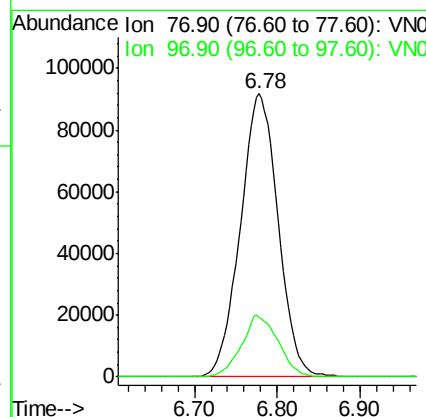
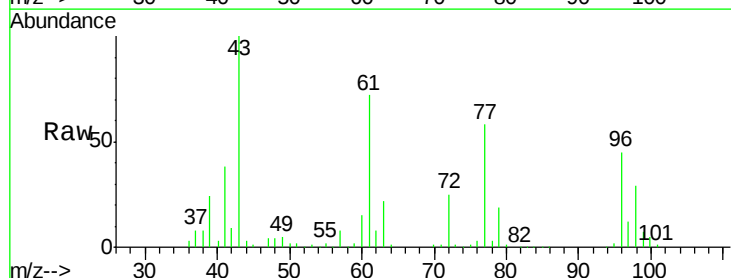
Manual Integrations
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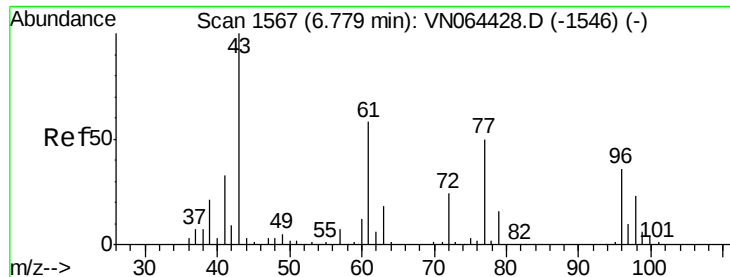
MMDadoda
11/11/2020 1:02:13 PM



#26
2,2-Dichloropropane
Concen: 41.960 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN064542.D
Acq: 10 Nov 2020 21:50

Tgt Ion: 77 Resp: 289865
Ion Ratio Lower Upper
77 100
97 21.1 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 49.059 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN064542.D

Acq: 10 Nov 2020 21:50

Instrument :

MSVOA_N

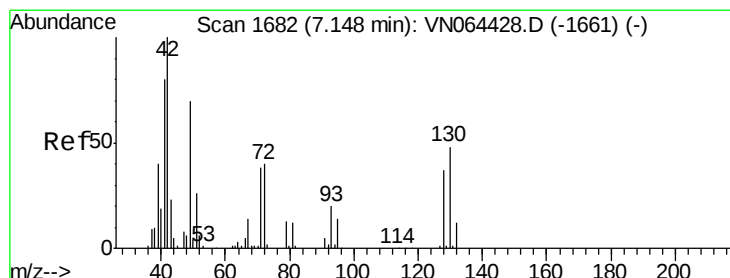
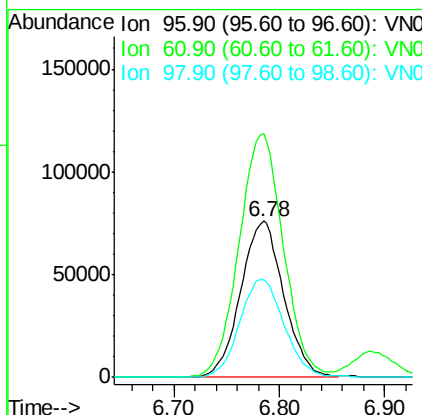
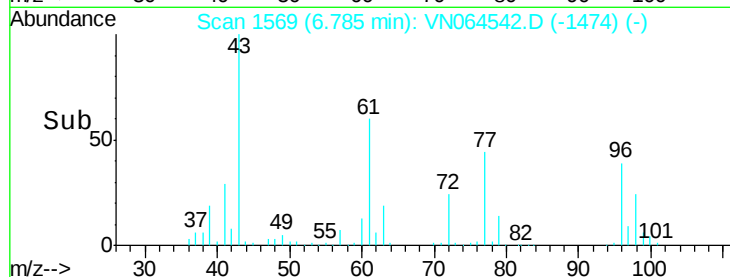
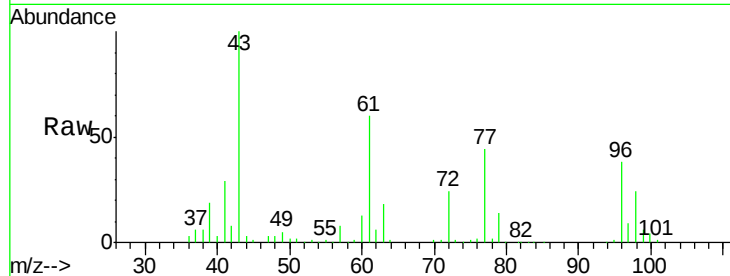
ClientSampleId :

BP-VPB178-GW-498-500MSD

Tot Ion:	96	Resp:	215860
Ion Ratio	Lower	Upper	
96	100		
61	160.6	0.0	329.6
98	65.0	0.0	131.2

Manual Integrations
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11/11/2020 1:02:13 PM



#28

Bromochloromethane

Concen: 48.972 ug/l

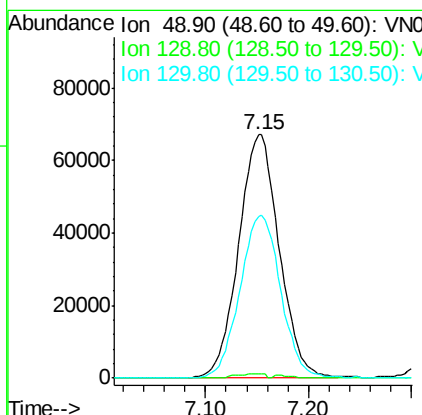
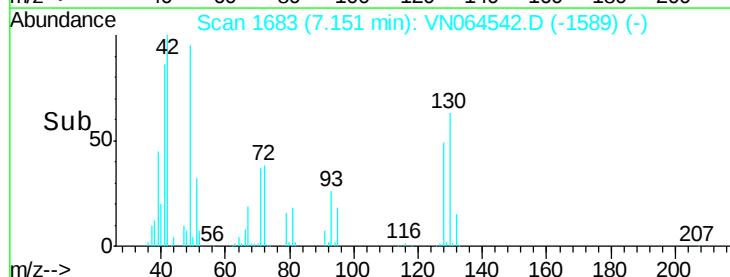
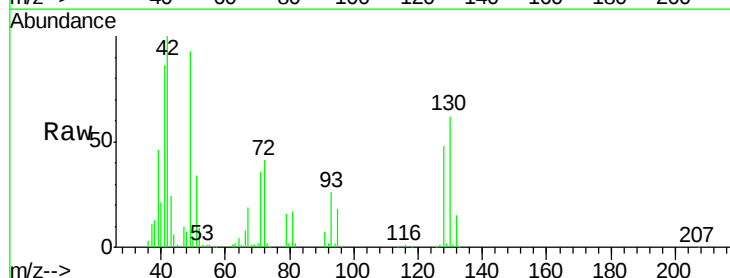
RT: 7.15 min Scan# 1683

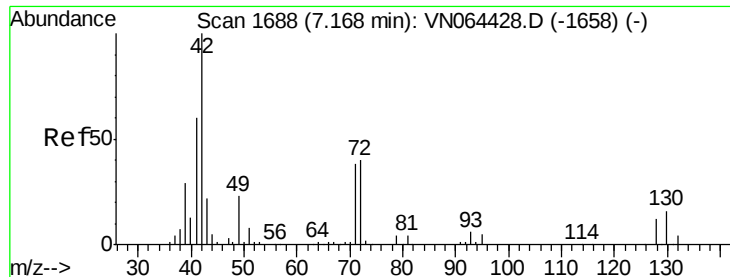
Delta R.T. 0.00 min

Lab File: VN064542.D

Acq: 10 Nov 2020 21:50

Tgt Ion:	49	Resp:	183696
Ion Ratio	Lower	Upper	
49	100		
129	1.2	0.0	3.6
130	67.1	54.2	81.4





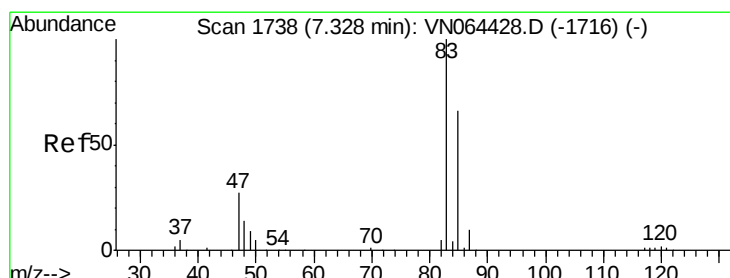
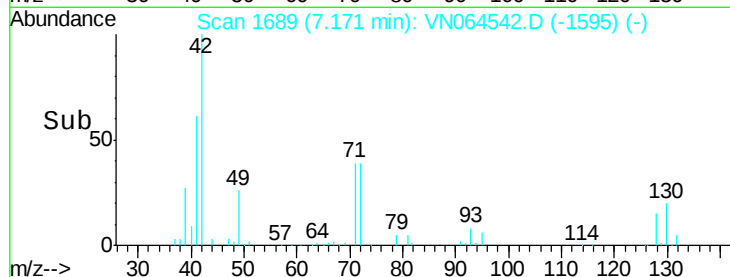
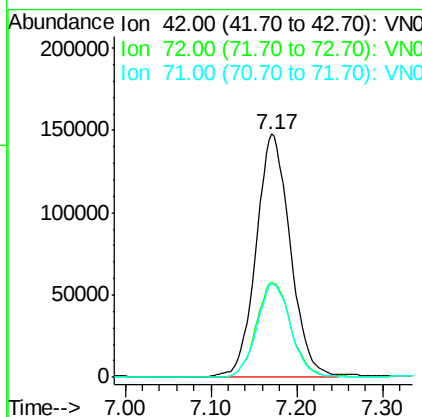
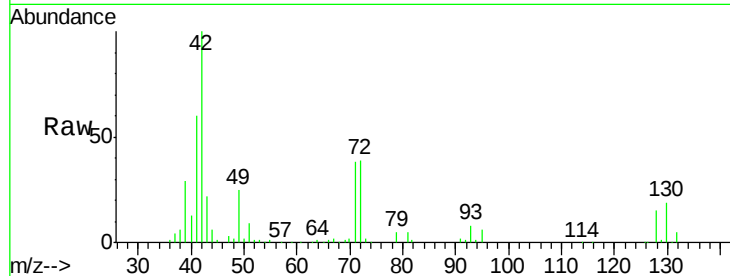
#29
Tetrahydrofuran
Concen: 251.871 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064542.D
Acq: 10 Nov 2020 21:50

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-498-500MSD

Tot Ion	Ratio	Resp	Lower	Upper
42	100			
72	39.9		31.7	47.5
71	38.1		29.8	44.6

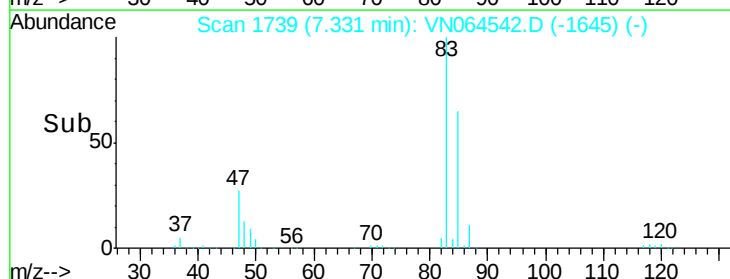
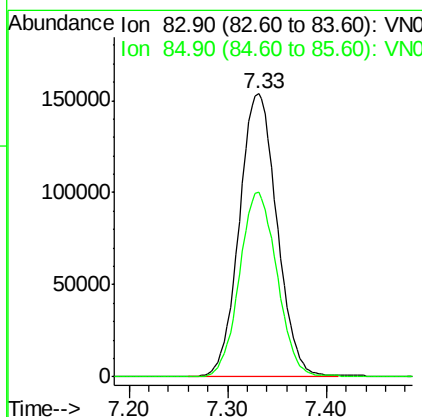
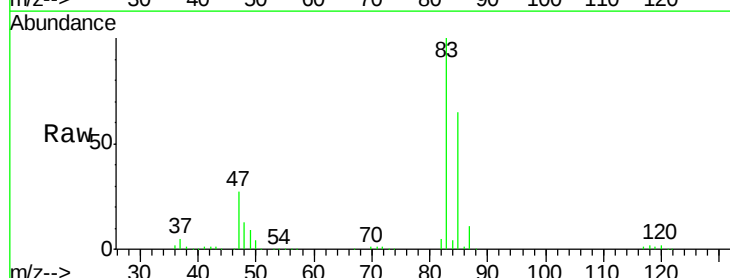
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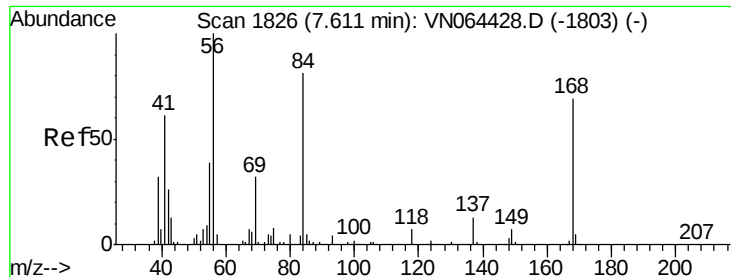
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#30
Chloroform
Concen: 50.649 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN064542.D
Acq: 10 Nov 2020 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
85	65.2		52.5	78.7





#31

Cyclohexane

Concen: 45.152 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. 0.01 min

Lab File: VN064542.D

Acq: 10 Nov 2020 21:50

Instrument :

MSVOA_N

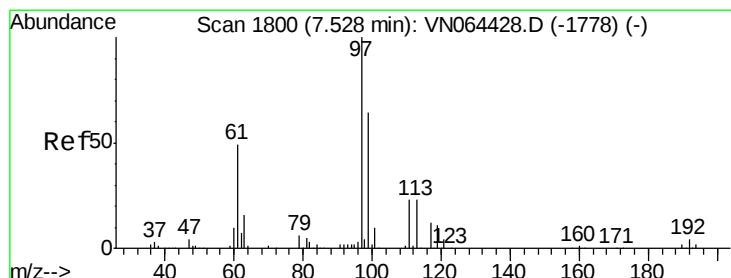
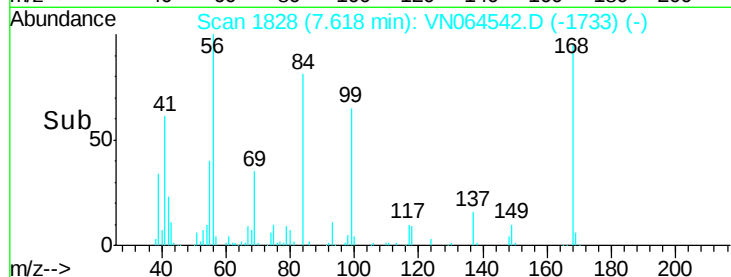
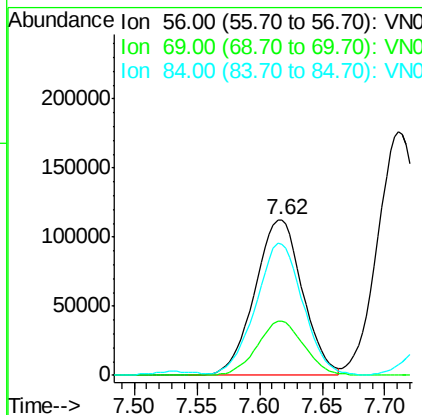
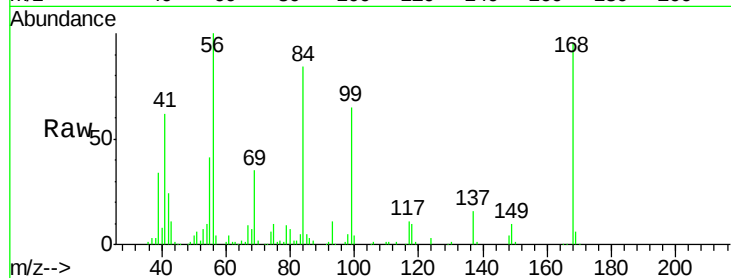
ClientSampleId :

BP-VPB178-GW-498-500MSD

Tot Ion:	56	Resp:	298965
Ion Ratio	Lower	Upper	
56	100		
69	34.6	25.6	38.4
84	82.2	63.0	94.6

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#32

1,1,1-Trichloroethane

Concen: 54.853 ug/l

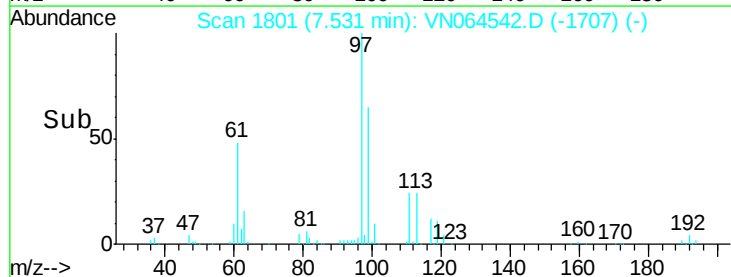
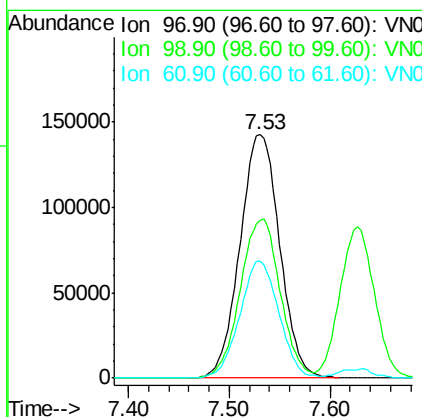
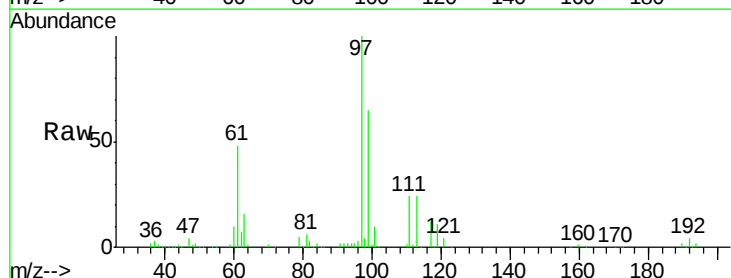
RT: 7.53 min Scan# 1801

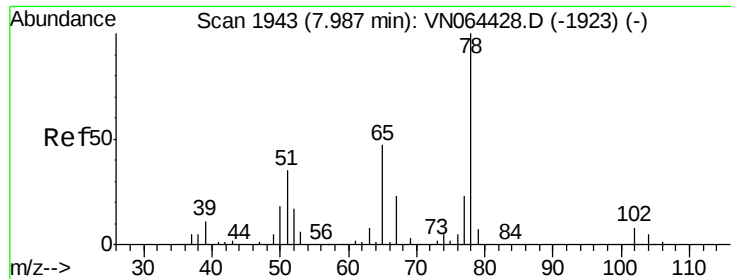
Delta R.T. 0.00 min

Lab File: VN064542.D

Acq: 10 Nov 2020 21:50

Tgt Ion:	97	Resp:	390261
Ion Ratio	Lower	Upper	
97	100		
99	65.6	51.3	76.9
61	47.3	39.1	58.7





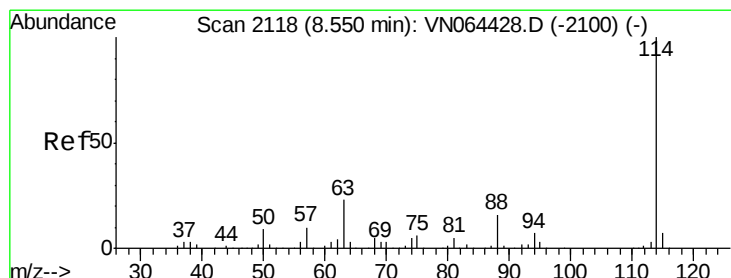
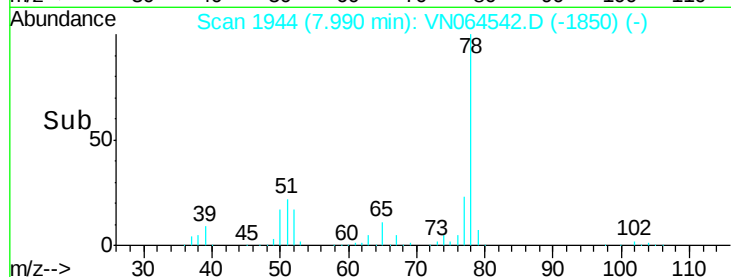
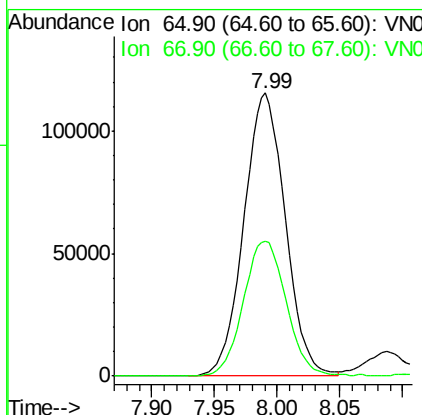
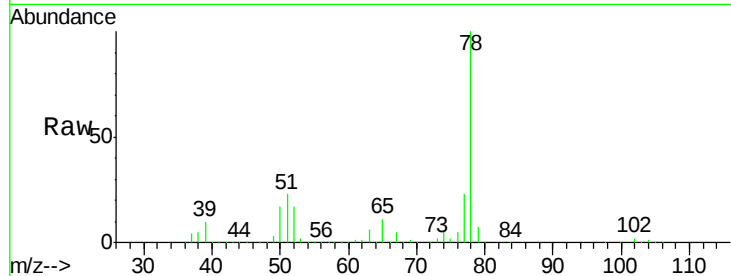
#33
 1,2-Dichloroethane-d4
 Concen: 48.757 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN064542.D
 Acq: 10 Nov 2020 21:50

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-498-500MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	265576		
67	49.3	0.0	101.6	

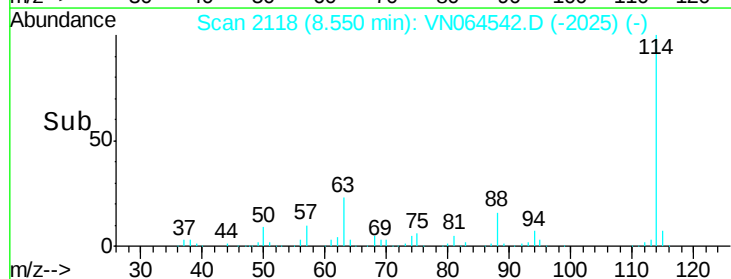
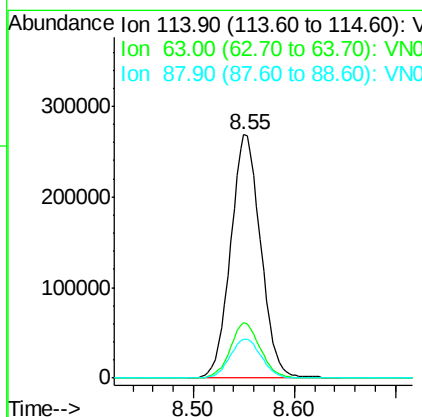
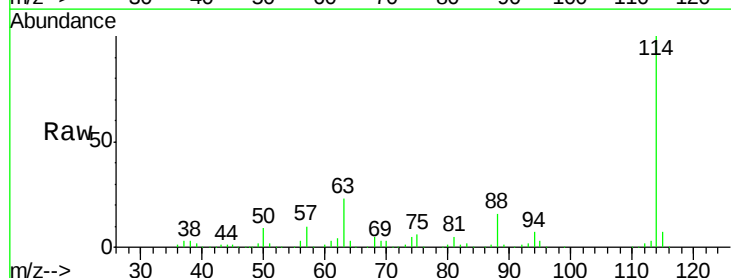
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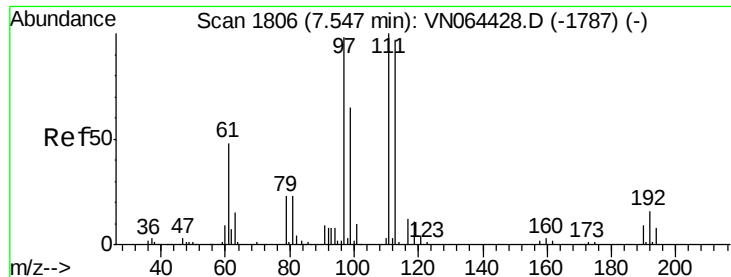
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064542.D
 Acq: 10 Nov 2020 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	556219		
63	22.7	0.0	45.6	
88	16.1	0.0	32.8	





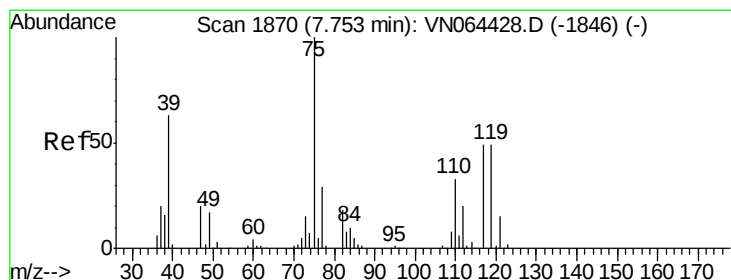
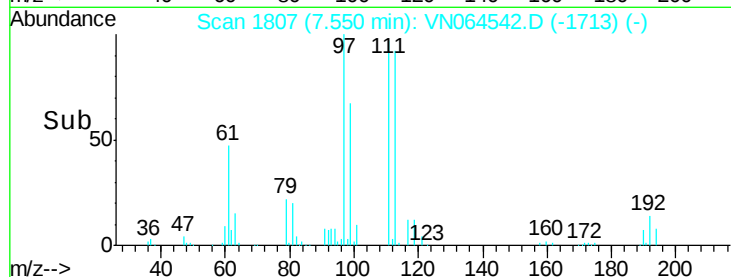
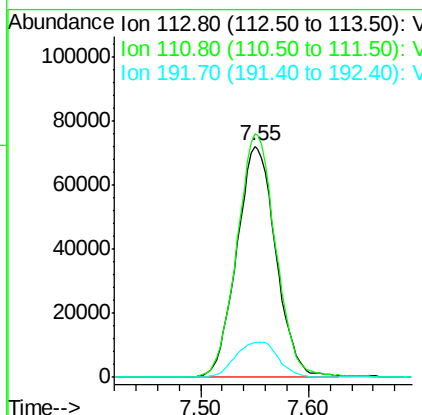
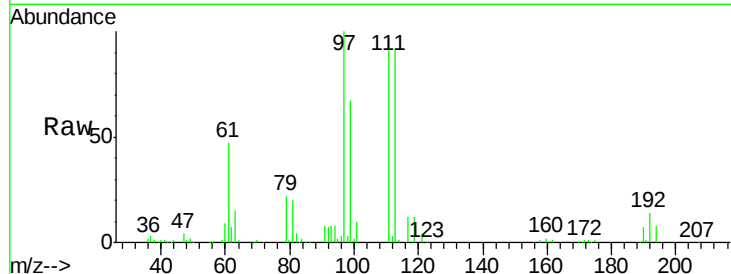
#35
 Dibromofluoromethane
 Concen: 48.111 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064542.D
 Acq: 10 Nov 2020 21:50

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-498-500MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	182199		
111	104.7	81.1	121.7	
192	16.7	12.8	19.2	

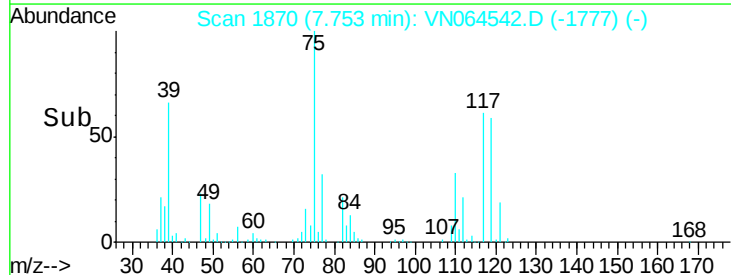
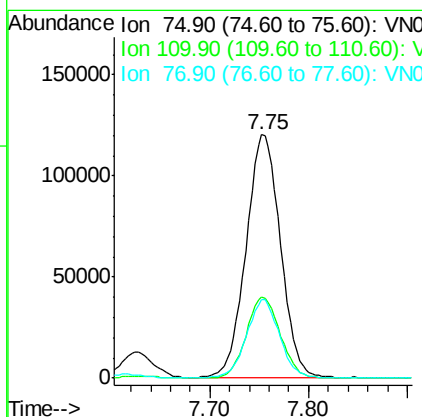
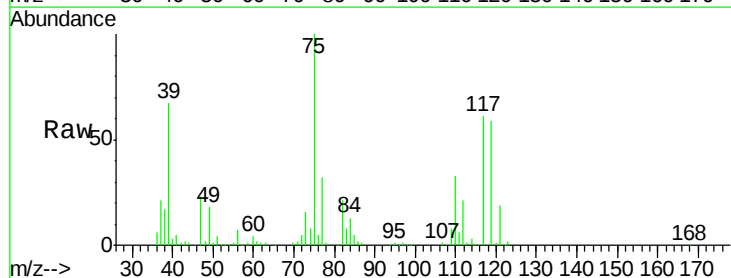
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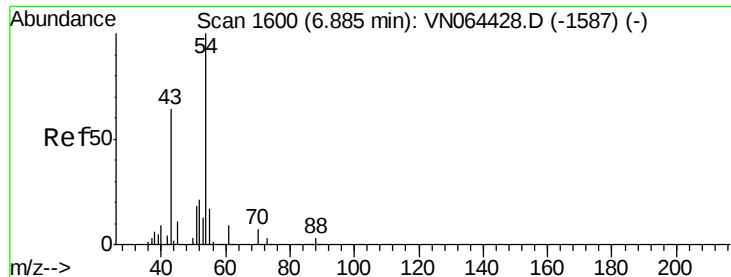
MMDadoda
 11/11/2020 1:02:13 PM



#36
 1,1-Dichloropropene
 Concen: 49.139 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064542.D
 Acq: 10 Nov 2020 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	288741		
110	33.1	16.0	48.0	
77	31.2	24.0	36.0	





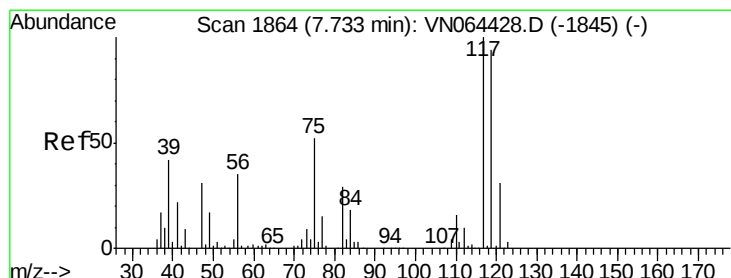
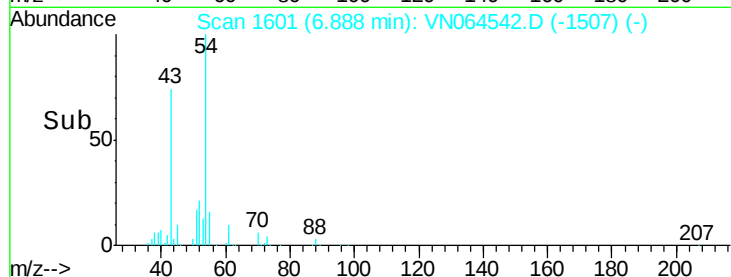
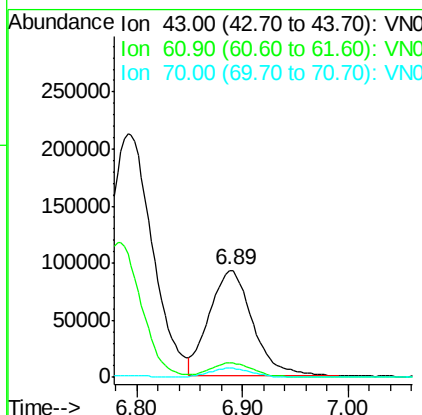
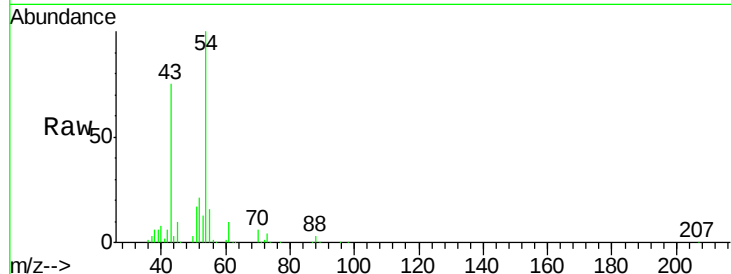
#37
Ethyl Acetate
Concen: 44.748 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN064542.D
Acq: 10 Nov 2020 21:50

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-498-500MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.5	10.0	15.0
70	8.5	7.1	10.7

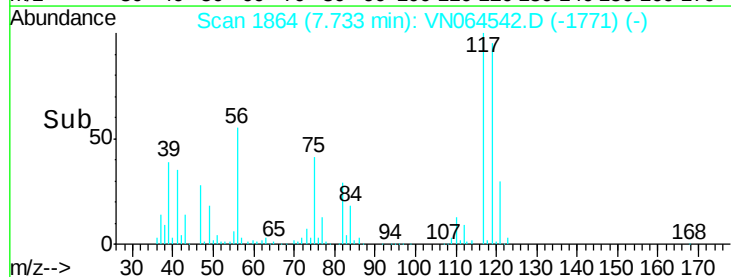
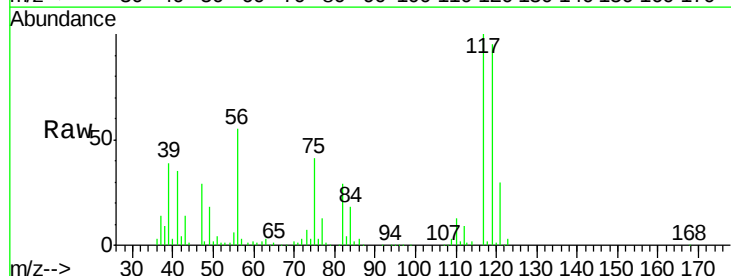
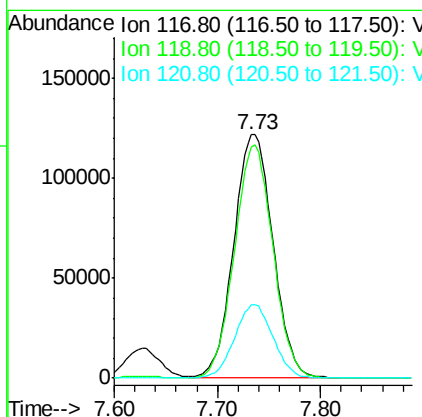
Manual Integrations
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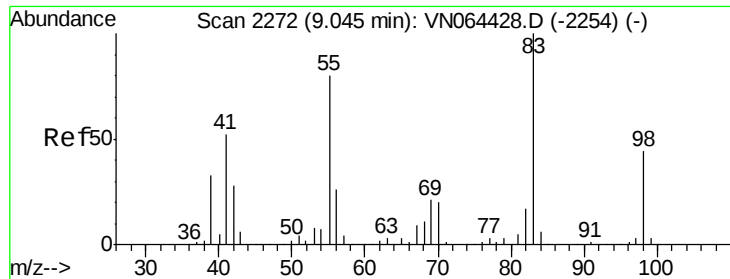
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#38
Carbon Tetrachloride
Concen: 51.188 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064542.D
Acq: 10 Nov 2020 21:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.5	113.3
121	30.0	24.4	36.6





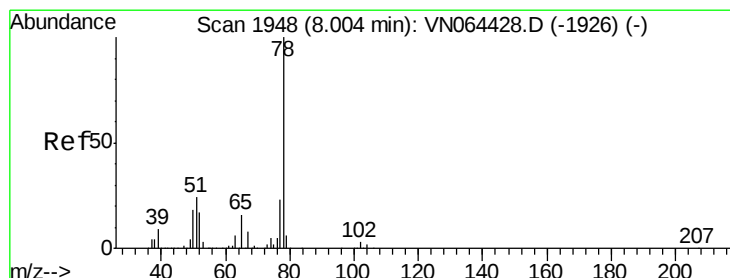
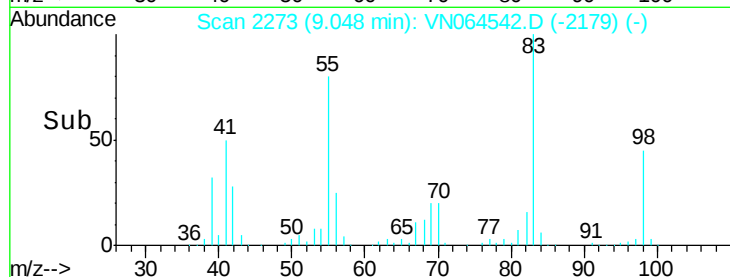
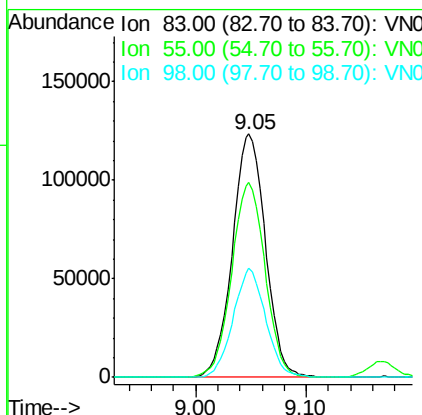
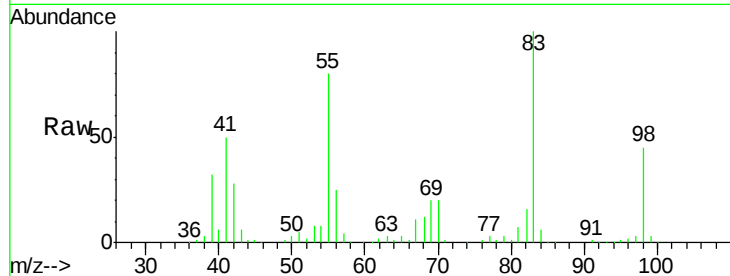
#39
Methvlcvclohexane
Concen: 48.673 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064542.D
Acq: 10 Nov 2020 21:50

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-498-500MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.7	63.8	95.6
98	44.9	35.4	53.2

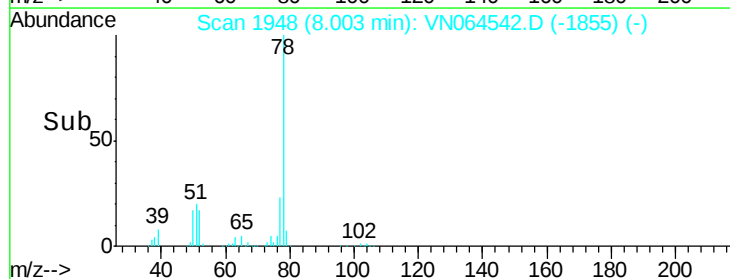
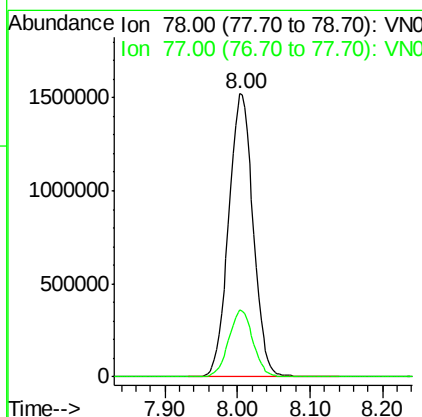
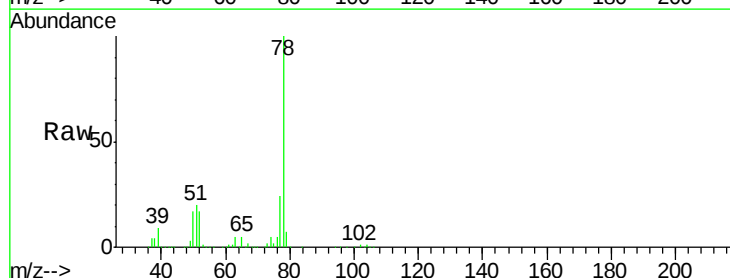
Manual Integrations
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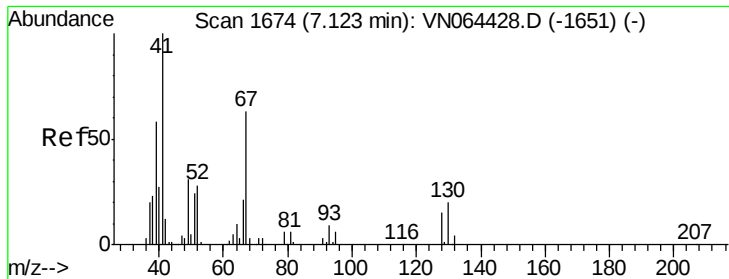
MMDadoda
11/11/2020 1:02:13 PM



#40
Benzene
Concen: 207.466 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064542.D
Acq: 10 Nov 2020 21:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.7	28.1





#41

Methacrylonitrile

Concen: 47.797 ug/l

RT: 7.13 min Scan# 1675

Delta R.T. 0.00 min

Lab File: VN064542.D

Acq: 10 Nov 2020 21:50

Instrument :

MSVOA_N

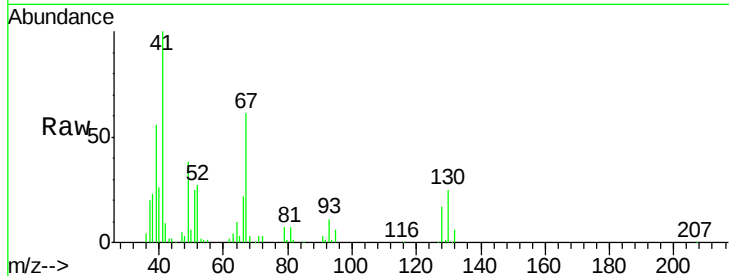
ClientSampleId :

BP-VPB178-GW-498-500MSD

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.2	50.0	75.0	
67	81.1	68.3	102.5	
52	36.6	32.7	49.1	

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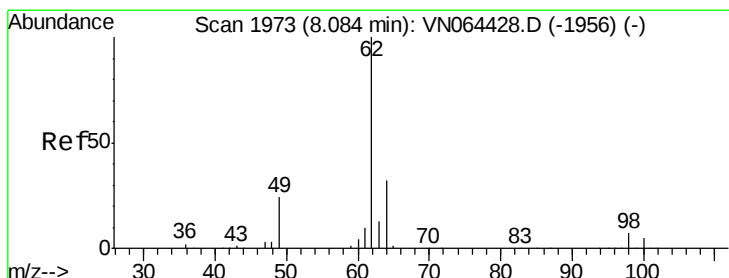
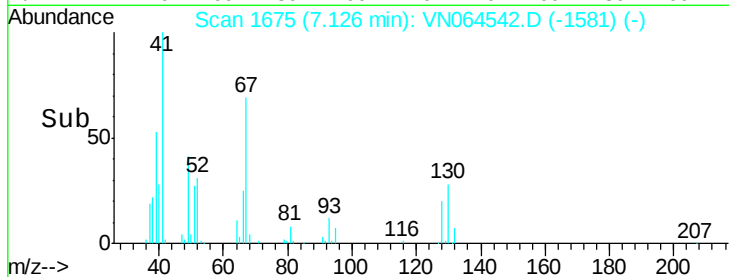
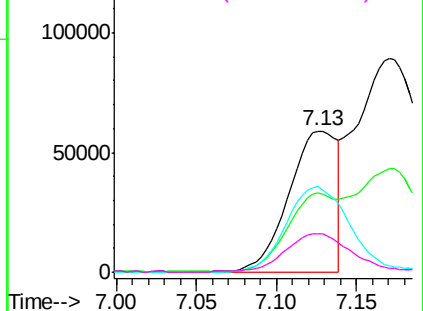


Abundance Ion 41.00 (40.70 to 41.70): VN064428.D (-1651) (-)

Ion 39.00 (38.70 to 39.70): VN064428.D (-1651) (-)

Ion 67.00 (66.70 to 67.70): VN064428.D (-1651) (-)

Ion 52.00 (51.70 to 52.70): VN064428.D (-1651) (-)



#42

1,2-Dichloroethane

Concen: 80.230 ug/l

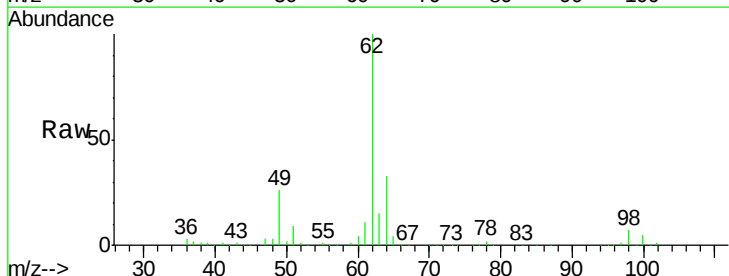
RT: 8.09 min Scan# 1974

Delta R.T. 0.00 min

Lab File: VN064542.D

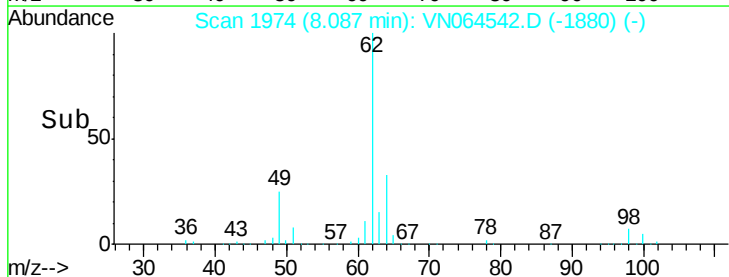
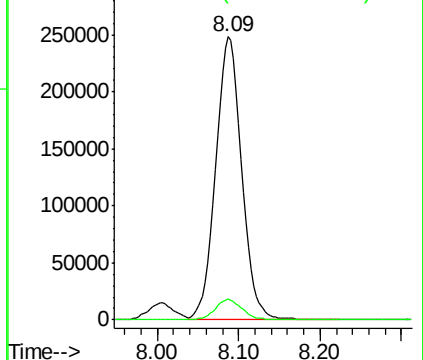
Acq: 10 Nov 2020 21:50

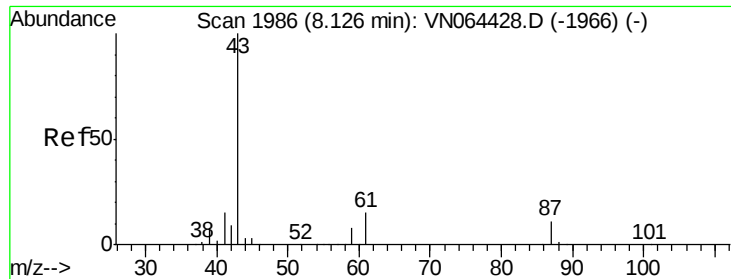
Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.6	0.0	14.0	



Abundance Ion 61.90 (61.60 to 62.60): VN064428.D (-1956) (-)

Ion 97.90 (97.60 to 98.60): VN064428.D (-1956) (-)





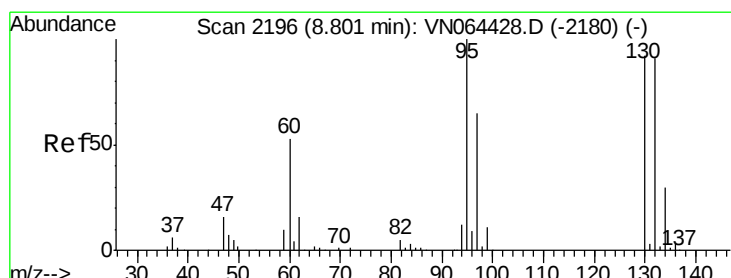
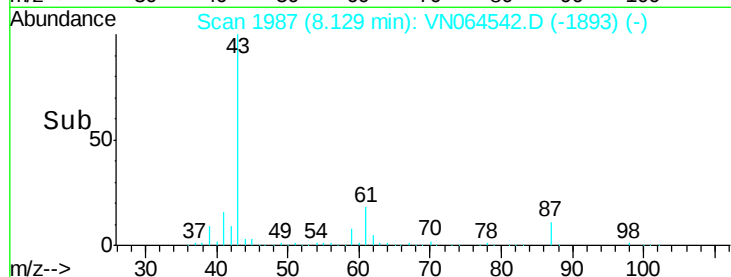
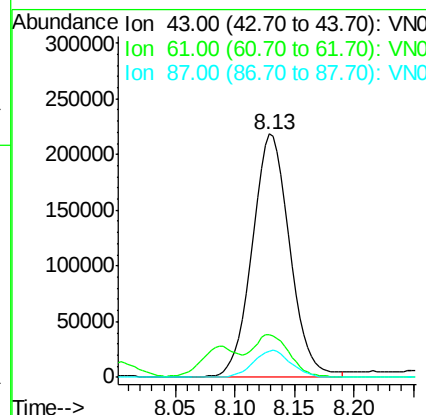
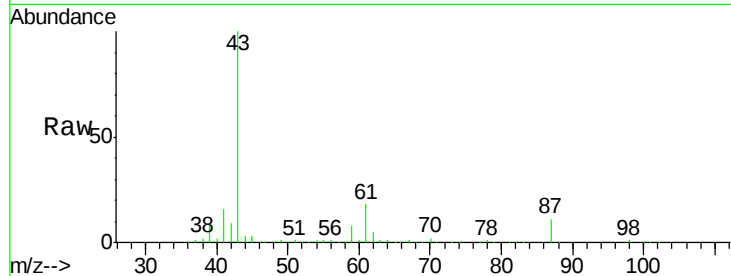
#43
Isopropyl Acetate
Concen: 50.068 ug/l
RT: 8.13 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN064542.D
Acq: 10 Nov 2020 21:50

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-498-500MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.6	14.0	21.0
87	11.1	9.1	13.7

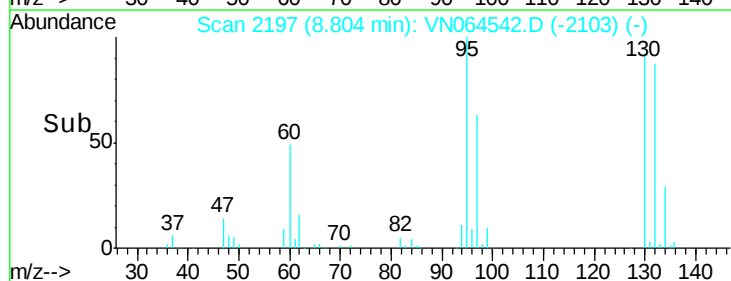
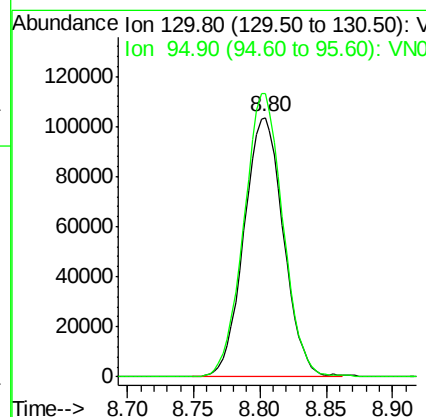
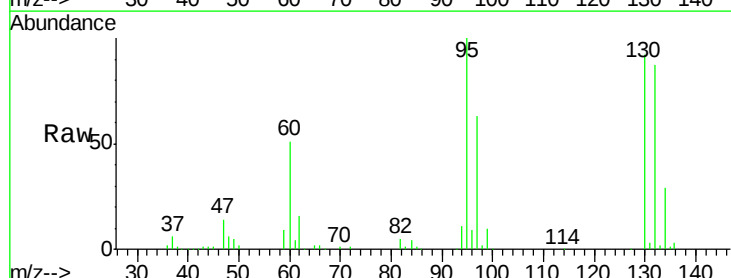
Manual Integrations
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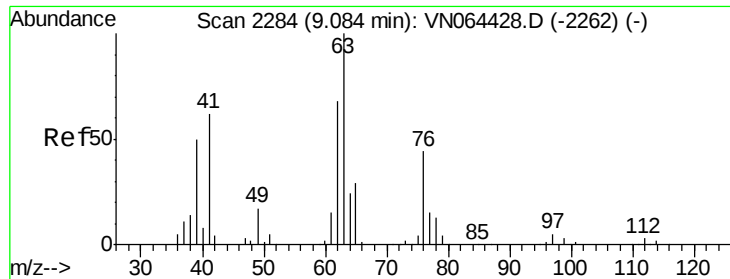
MMDadoda
11/11/2020 1:02:13 PM



#44
Trichloroethene
Concen: 49.276 ug/l
RT: 8.80 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN064542.D
Acq: 10 Nov 2020 21:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	109.0	0.0	216.8





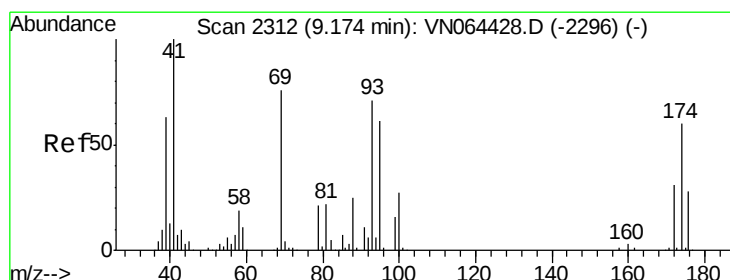
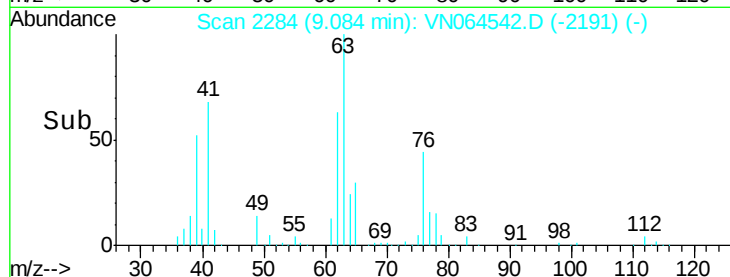
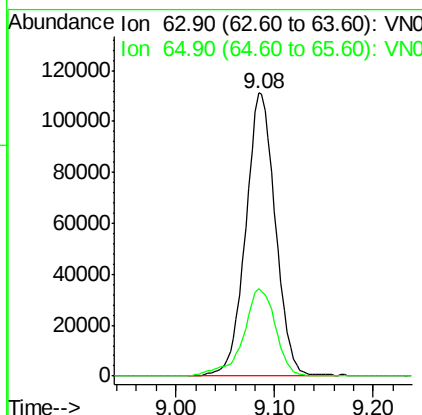
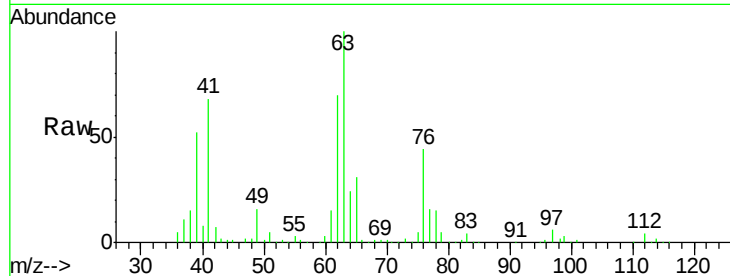
#45
 1,2-Dichloropropane
 Concen: 50.060 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064542.D
 Acq: 10 Nov 2020 21:50

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-498-500MSD

Tot Ion: 63 Resp: 230638
 Ion Ratio Lower Upper
 63 100
 65 30.6 23.6 35.4

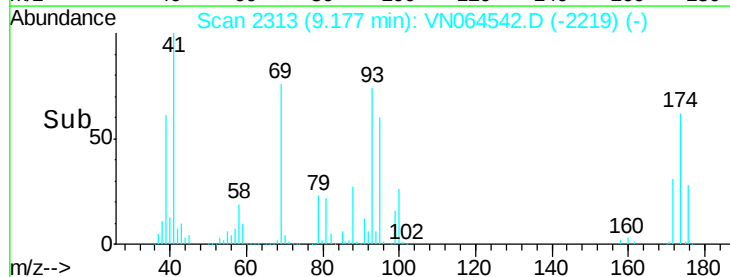
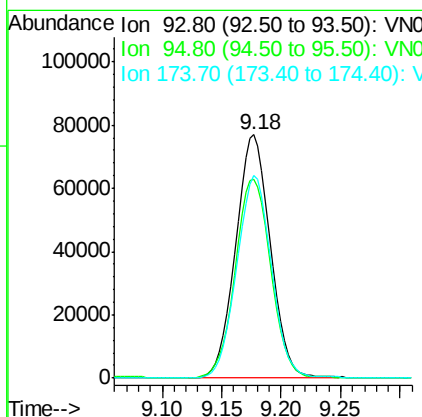
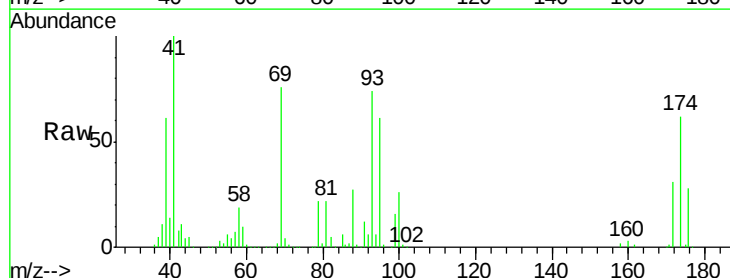
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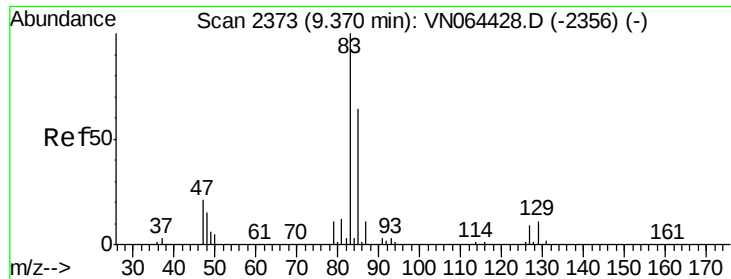
MMDadoda
 11/11/2020 1:02:13 PM



#46
 Dibromomethane
 Concen: 51.349 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN064542.D
 Acq: 10 Nov 2020 21:50

Tgt Ion: 93 Resp: 155735
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.4 99.6
 174 83.2 67.2 100.8





#47

Bromodichloromethane

Concen: 51.452 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064542.D

Acq: 10 Nov 2020 21:50

Instrument :

MSVOA_N

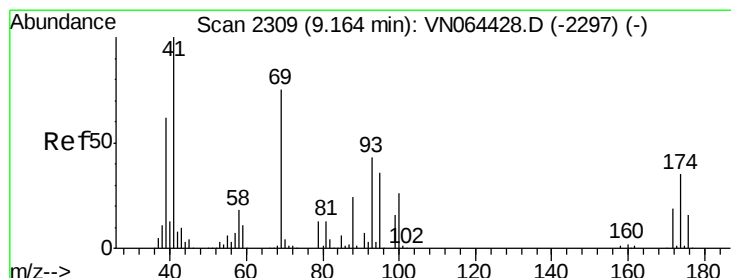
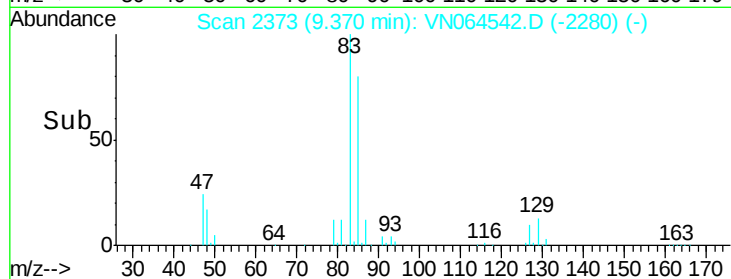
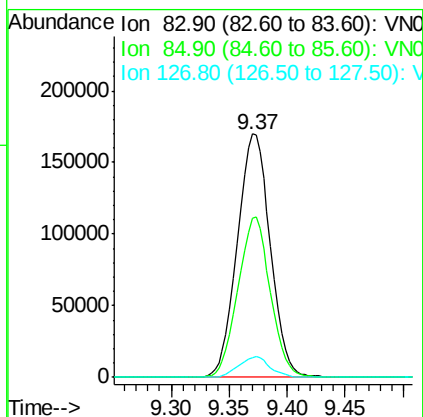
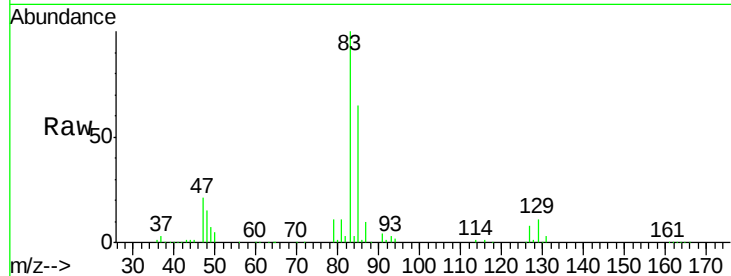
ClientSampleId :

BP-VPB178-GW-498-500MSD

Tot Ion:	83	Resp:	335533
Ion Ratio	Lower	Upper	
83	100		
85	65.2	51.2	76.8
127	8.2	6.9	10.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.245 ug/l

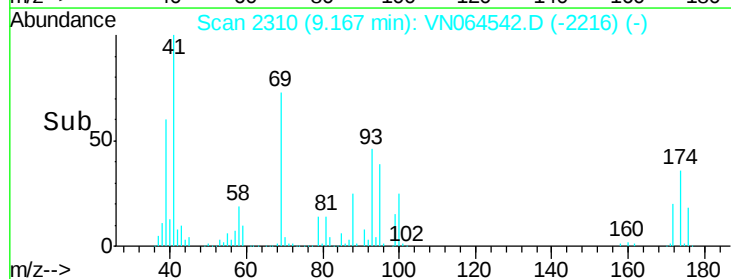
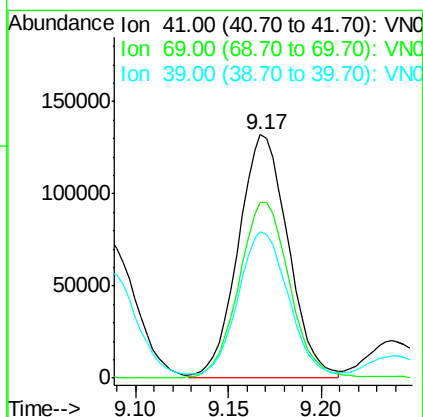
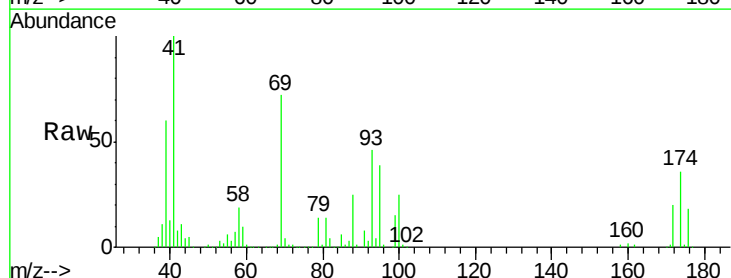
RT: 9.17 min Scan# 2310

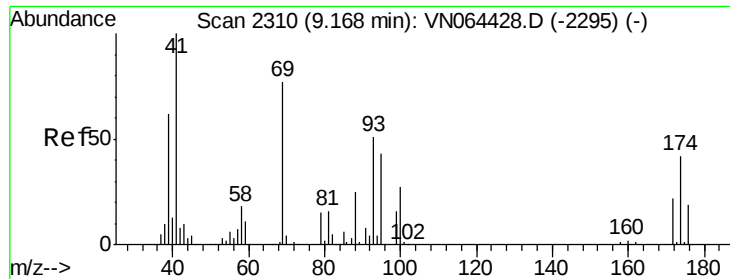
Delta R.T. 0.00 min

Lab File: VN064542.D

Acq: 10 Nov 2020 21:50

Tgt Ion:	41	Resp:	246240
Ion Ratio	Lower	Upper	
41	100		
69	73.9	60.4	90.6
39	61.2	51.2	76.8





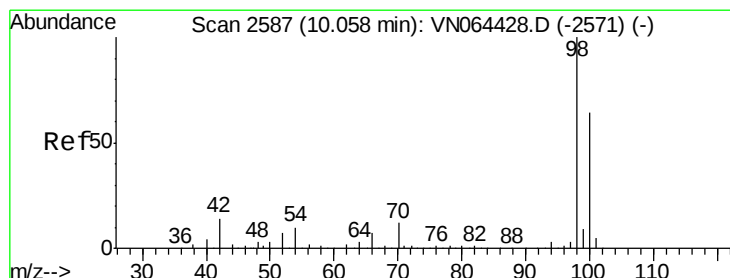
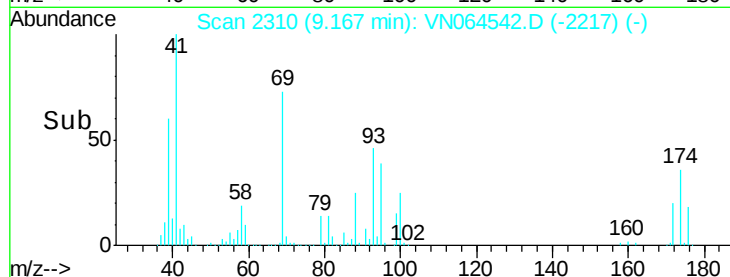
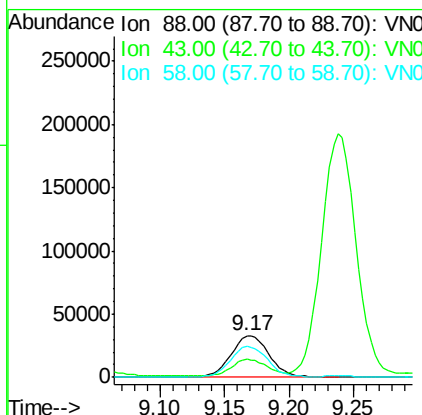
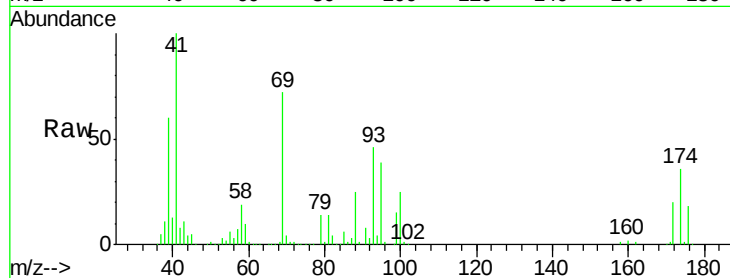
#49
1,4-Dioxane
Concen: 1069.240 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN064542.D
Acq: 10 Nov 2020 21:50

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-498-500MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.9	31.0	46.6
58	74.0	58.4	87.6

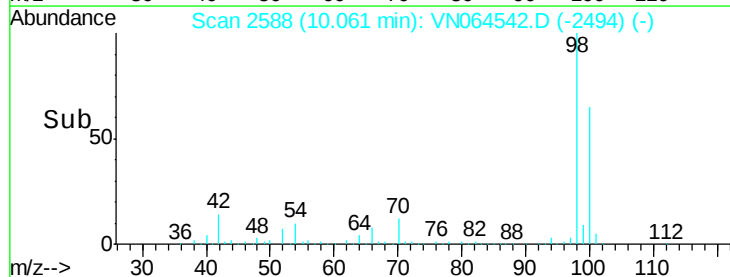
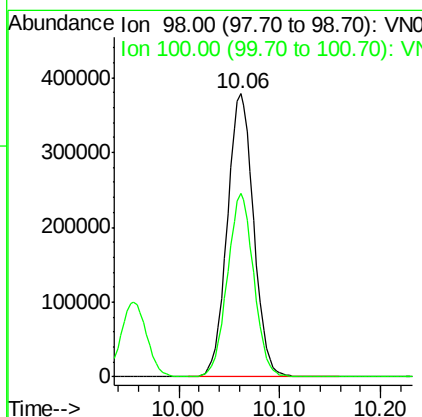
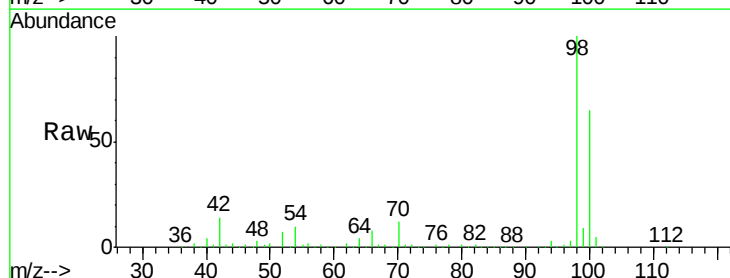
Manual Integrations
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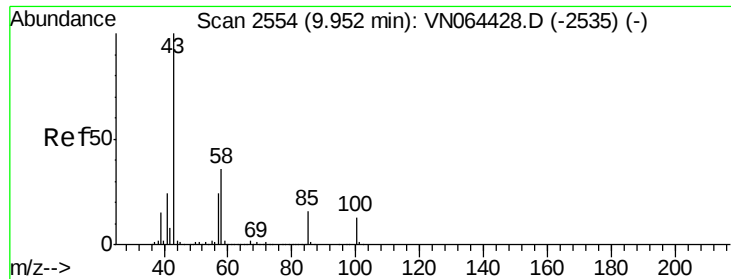
MMDadoda
11/11/2020 1:02:13 PM



#50
Toluene-d8
Concen: 47.187 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064542.D
Acq: 10 Nov 2020 21:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	50.7	76.1





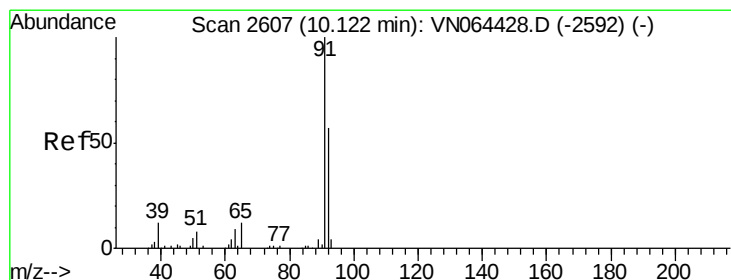
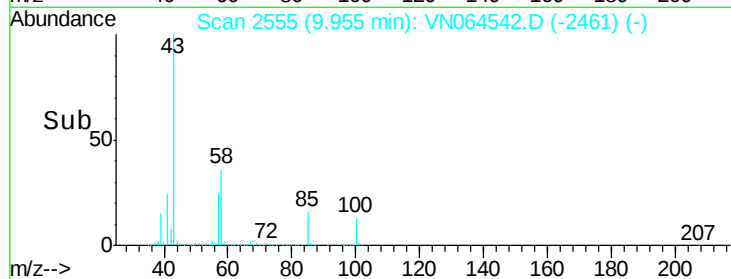
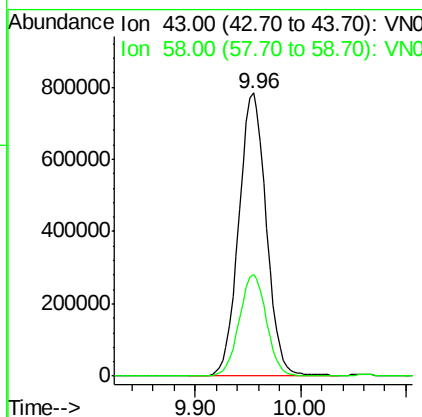
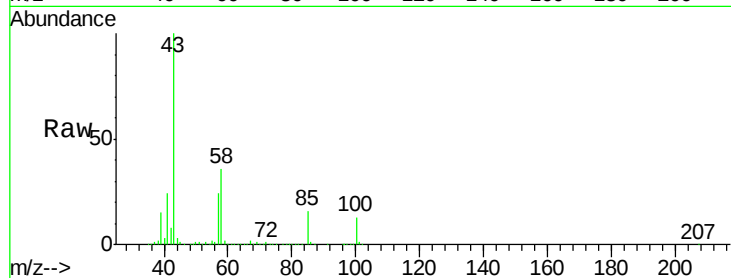
#51
4-Methyl-2-Pentanone
Concen: 254.233 ug/l
RT: 9.96 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN064542.D
Acq: 10 Nov 2020 21:50

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-498-500MSD

Tot Ion: 43 Resp: 1411841
Ion Ratio Lower Upper
43 100
58 35.8 28.4 42.6

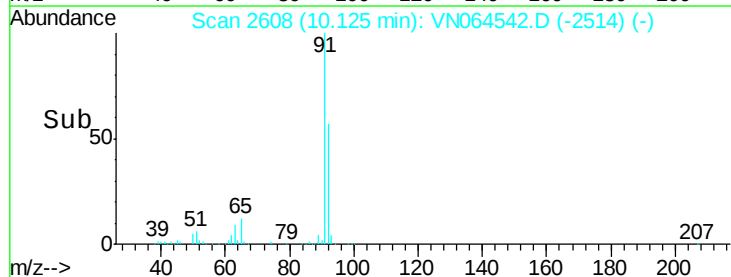
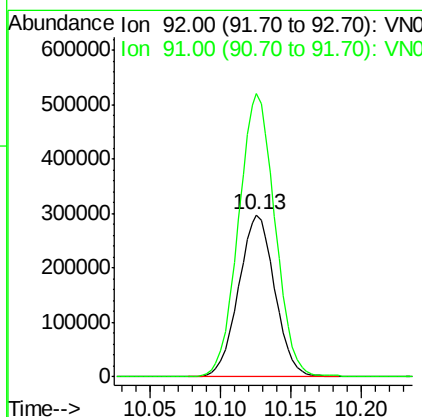
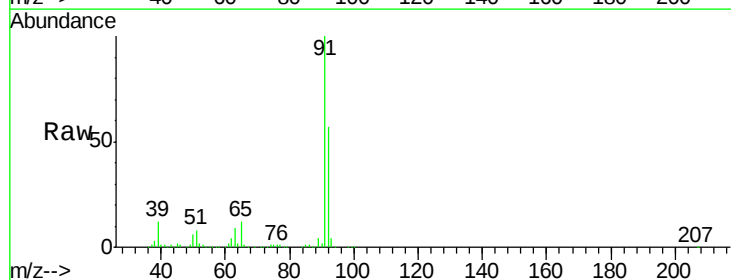
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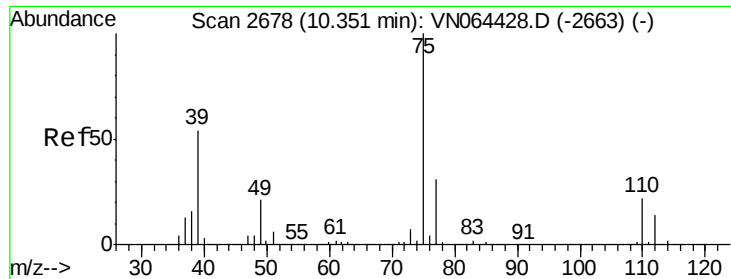
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#52
Toluene
Concen: 50.728 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN064542.D
Acq: 10 Nov 2020 21:50

Tgt Ion: 92 Resp: 534235
Ion Ratio Lower Upper
92 100
91 176.3 139.6 209.4





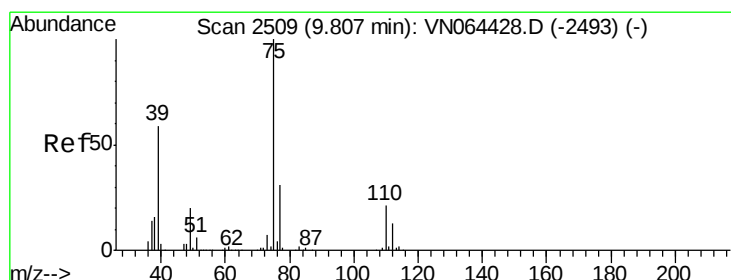
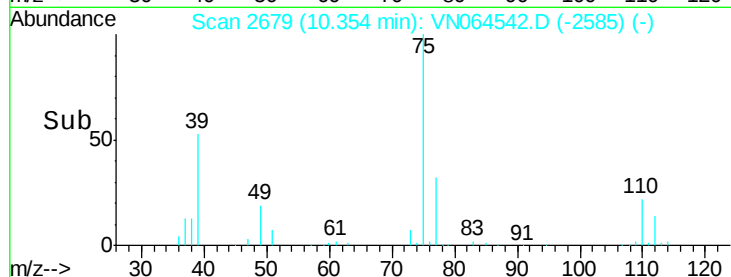
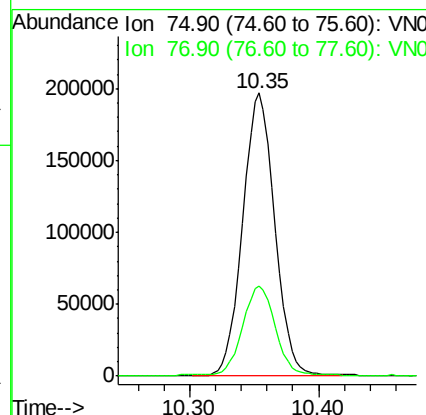
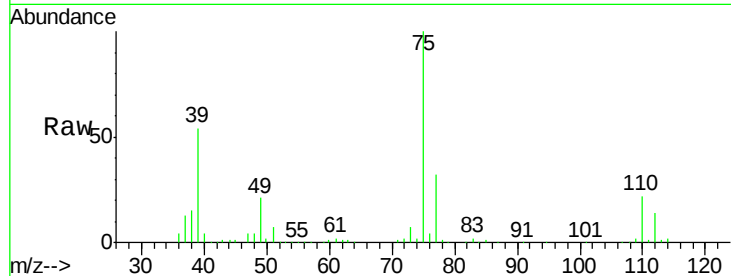
#53
t-1,3-Dichloropropene
Concen: 49.363 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN064542.D
Acq: 10 Nov 2020 21:50

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-498-500MSD

Tot Ion: 75 Resp: 341277
Ion Ratio Lower Upper
75 100
77 31.4 24.8 37.2

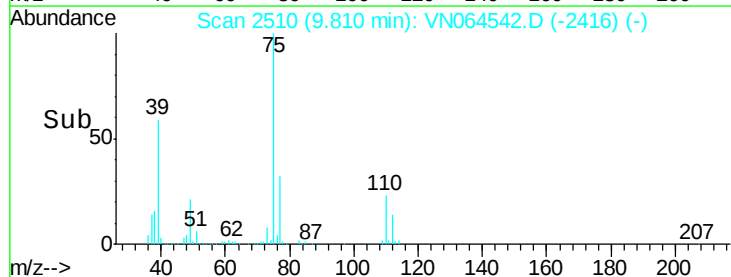
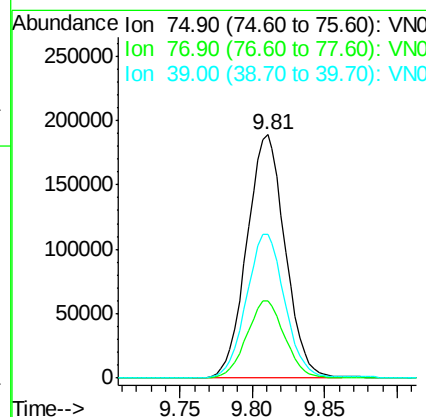
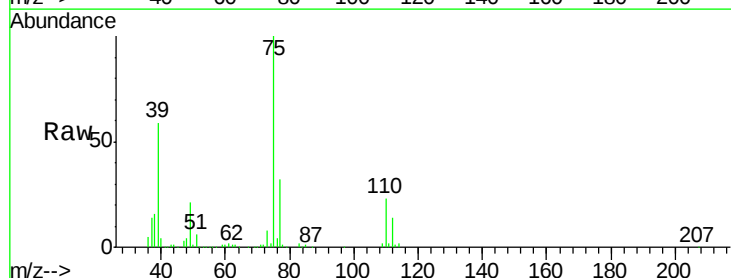
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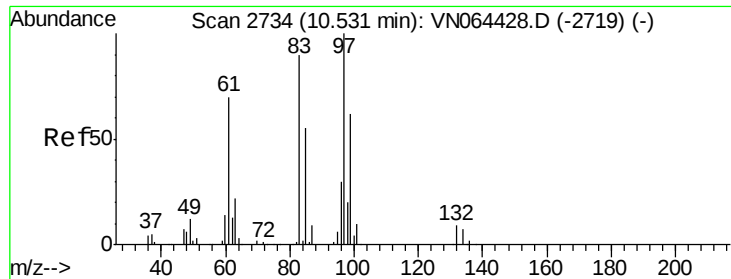
MMDadoda
11/11/2020 1:02:13 PM



#54
cis-1,3-Dichloropropene
Concen: 47.005 ug/l
RT: 9.81 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VN064542.D
Acq: 10 Nov 2020 21:50

Tgt Ion: 75 Resp: 347461
Ion Ratio Lower Upper
75 100
77 32.0 24.9 37.3
39 59.0 47.1 70.7





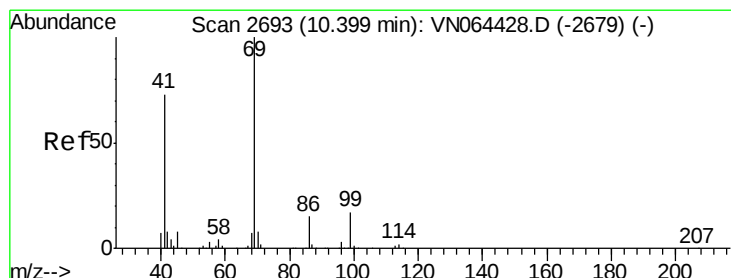
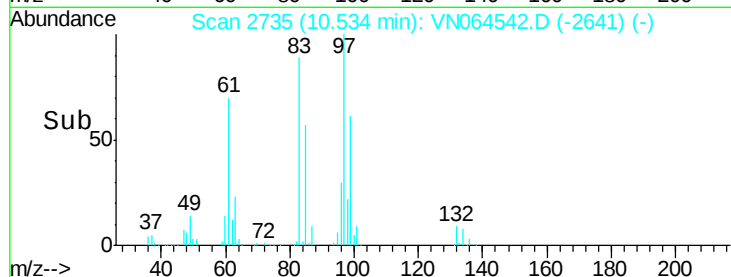
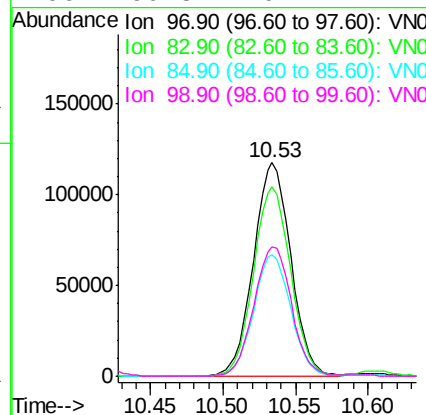
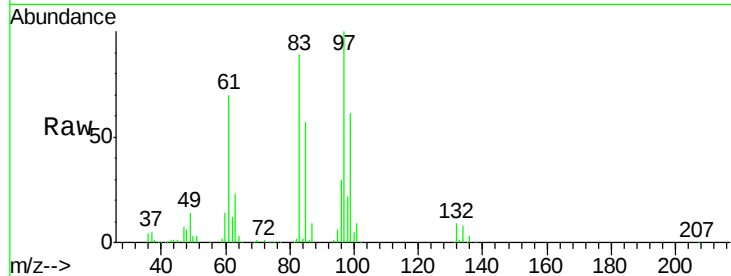
#55
 1,1,2-Trichloroethane
 Concen: 51.530 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064542.D
 Acq: 10 Nov 2020 21:50

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-498-500MSD

Tot Ion	Ratio	Lower	Upper
97	100		
83	88.9	71.7	107.5
85	57.0	44.3	66.5
99	60.8	49.4	74.2

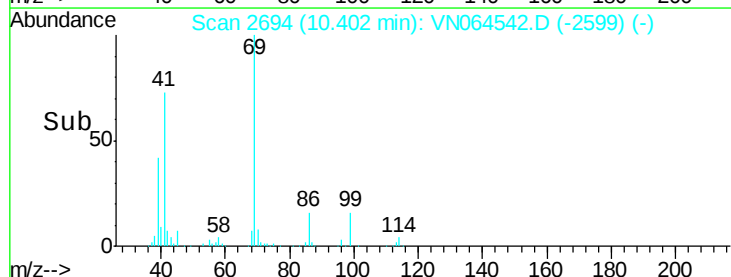
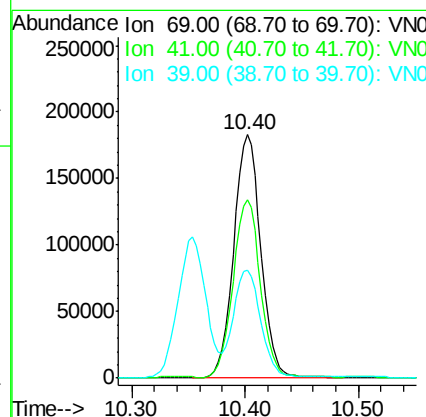
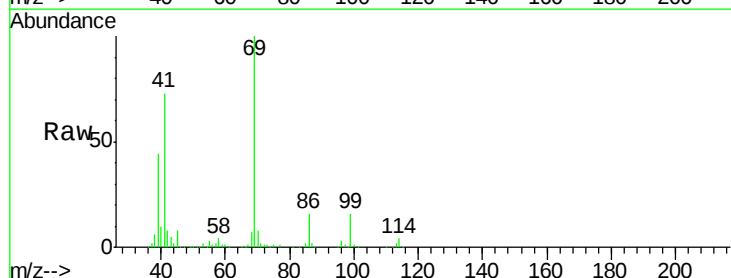
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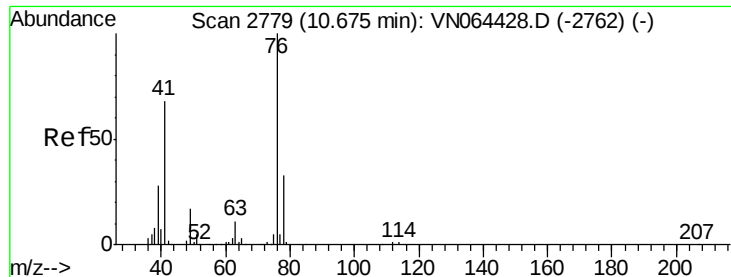
MMDadoda
 11/11/2020 1:02:13 PM



#56
 Ethyl methacrylate
 Concen: 45.410 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN064542.D
 Acq: 10 Nov 2020 21:50

Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.1	59.3	88.9
39	44.1	35.4	53.0





#57

1,3-Dichloropropane

Concen: 50.958 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064542.D

Acq: 10 Nov 2020 21:50

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-498-500MSD

Tot Ion: 76 Resp: 365311

Ion Ratio Lower Upper

76 100

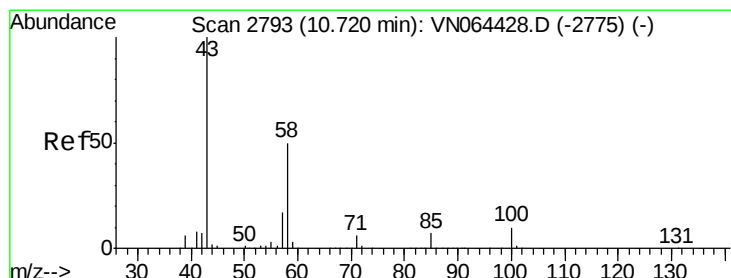
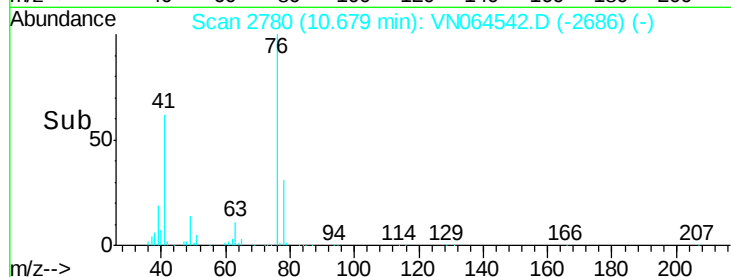
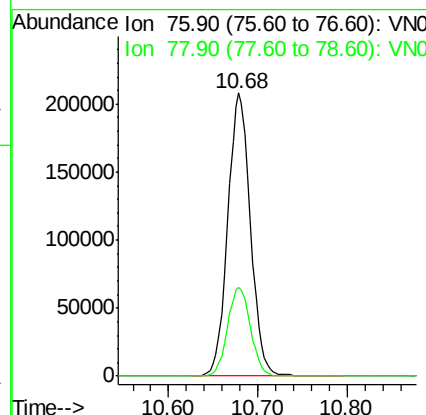
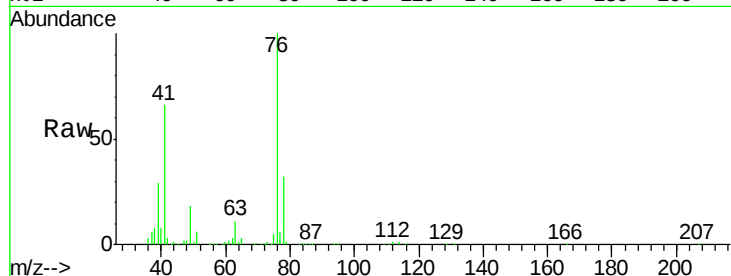
78 31.8 25.8 38.6

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#59

2-Hexanone

Concen: 222.957 ug/l

RT: 10.72 min Scan# 2794

Delta R.T. 0.00 min

Lab File: VN064542.D

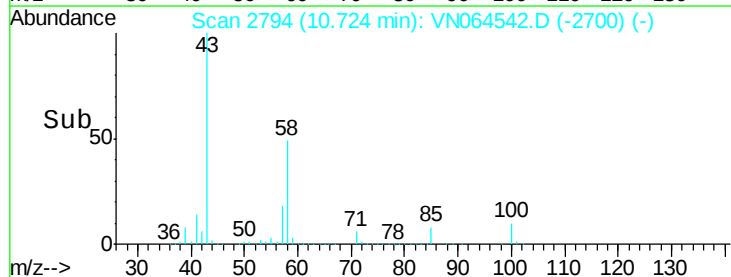
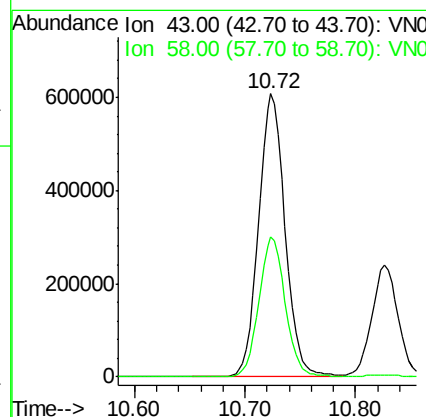
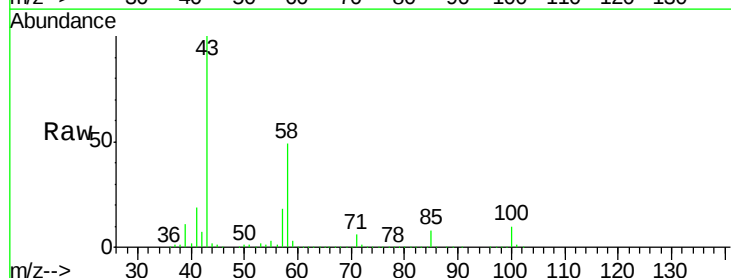
Acq: 10 Nov 2020 21:50

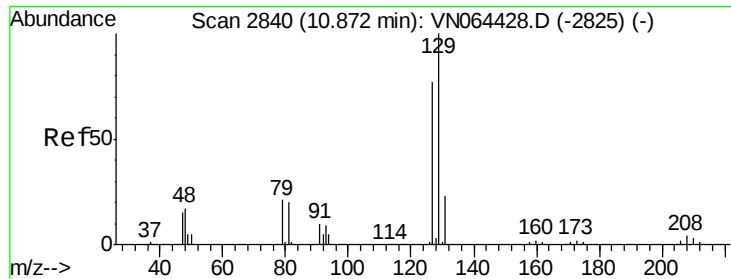
Tgt Ion: 43 Resp: 1007635

Ion Ratio Lower Upper

43 100

58 49.4 24.7 74.1





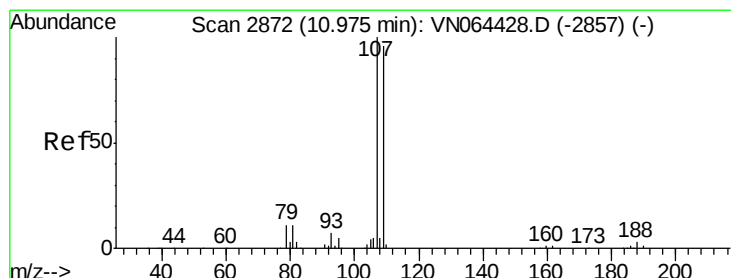
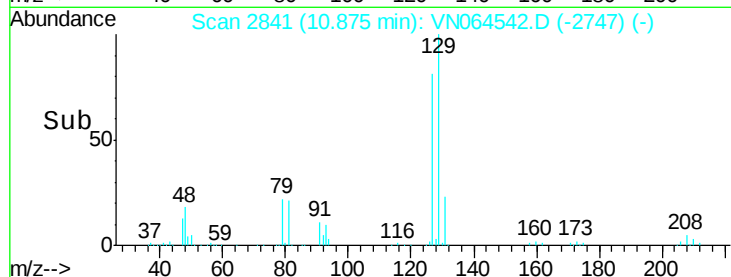
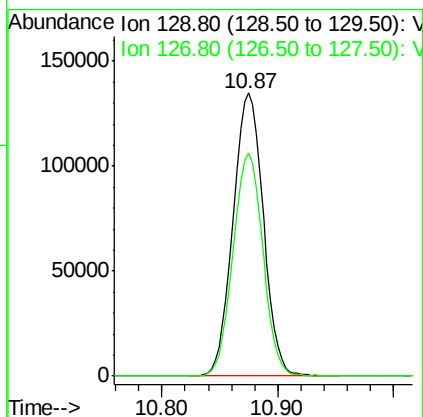
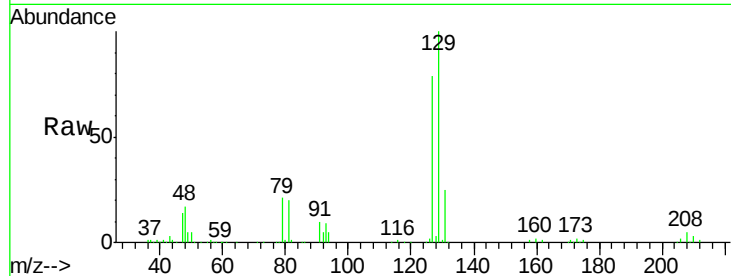
#60
Dibromochloromethane
Concen: 53.022 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064542.D
Acq: 10 Nov 2020 21:50

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-498-500MSD

Tot Ion:129 Resp: 243817
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.7

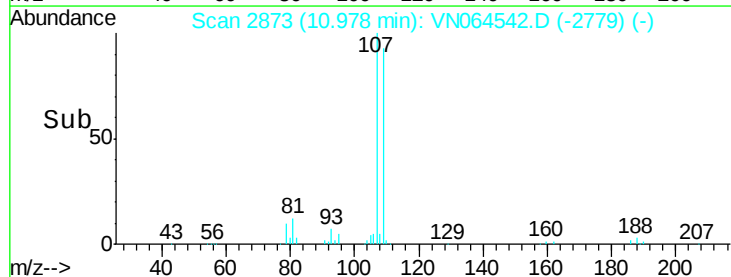
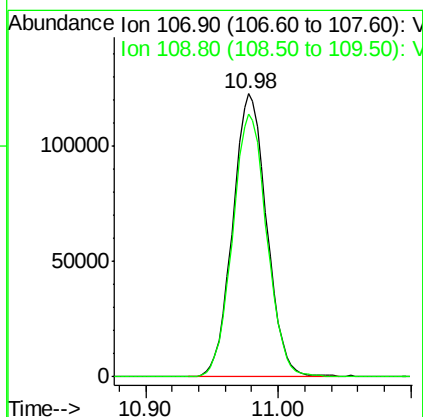
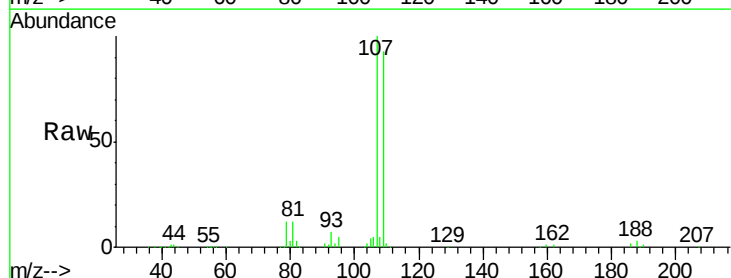
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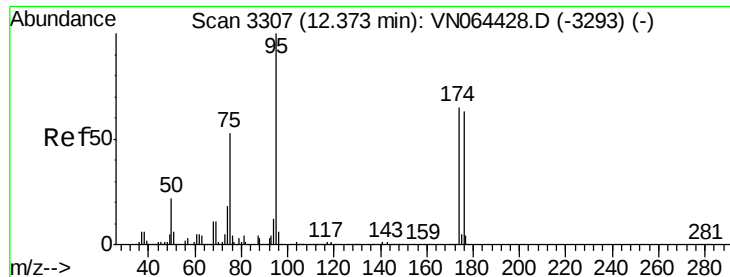
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#61
1,2-Dibromoethane
Concen: 52.450 ug/l
RT: 10.98 min Scan# 2873
Delta R.T. 0.00 min
Lab File: VN064542.D
Acq: 10 Nov 2020 21:50

Tgt Ion:107 Resp: 218506
Ion Ratio Lower Upper
107 100
109 93.6 75.9 113.9





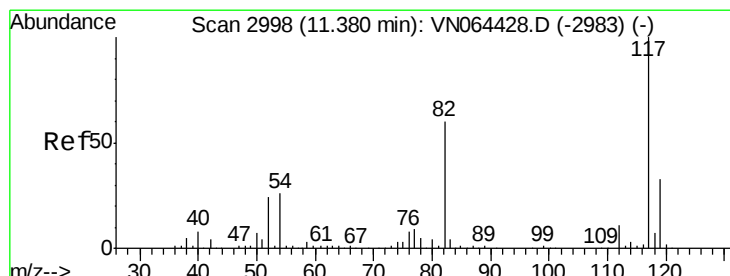
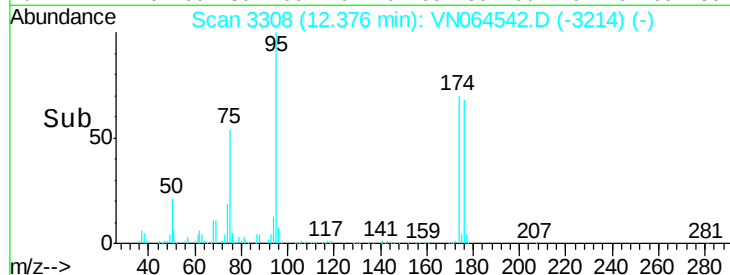
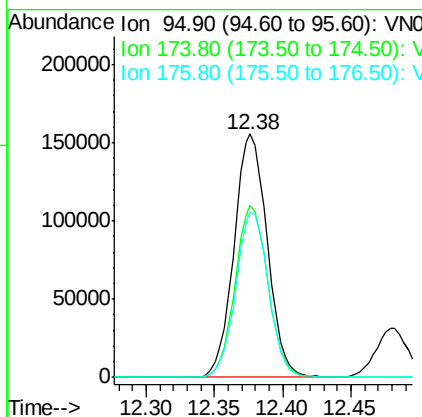
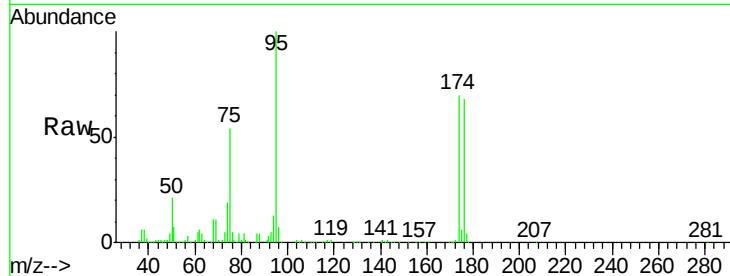
#62
4-Bromofluorobenzene
Concen: 47.567 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064542.D
Acq: 10 Nov 2020 21:50

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-498-500MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	263311		
174	69.7	0.0	132.6	
176	66.9	0.0	129.2	

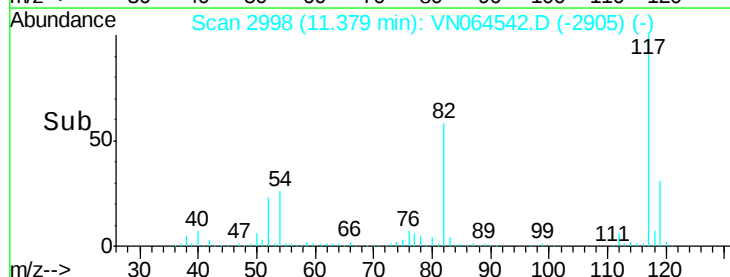
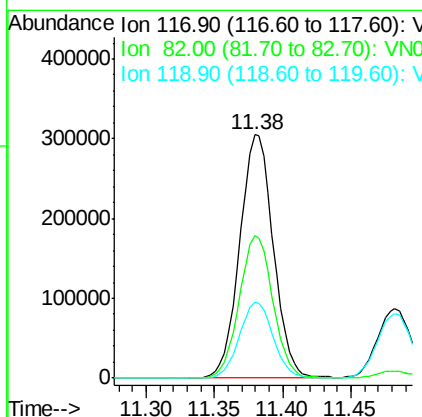
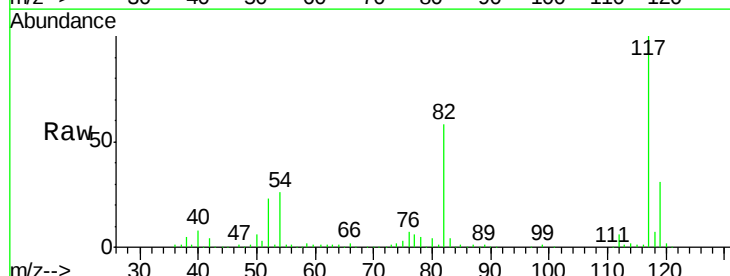
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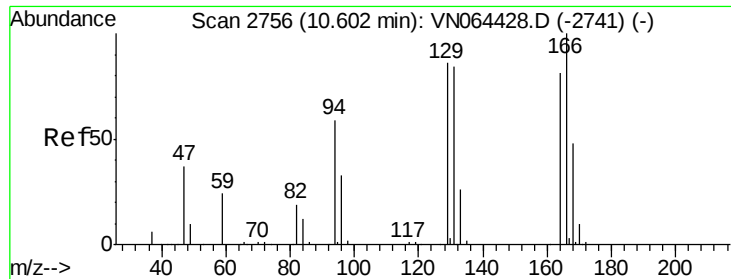
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064542.D
Acq: 10 Nov 2020 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	522047		
82	58.4	48.1	72.1	
119	31.1	26.2	39.4	





#64

Tetrachloroethene

Concen: 47.577 ug/l

RT: 10.60 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VN064542.D

Acq: 10 Nov 2020 21:50

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-498-500MSD

Tot Ion:164 Resp: 191323

Ion Ratio Lower Upper

164 100

166 130.7 98.2 147.2

129 107.8 84.6 127.0

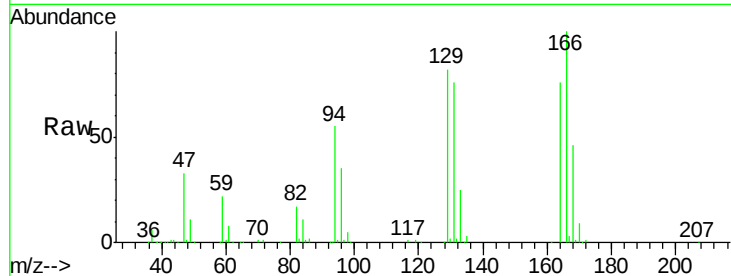
131 99.1 82.2 123.2

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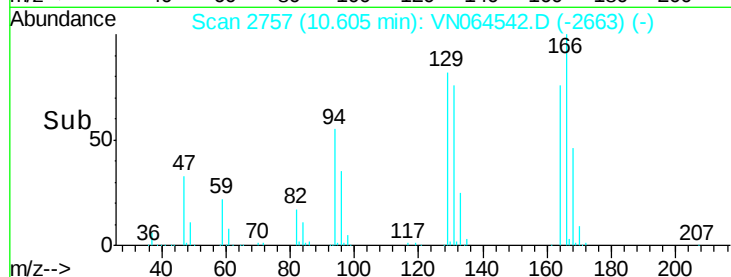


Abundance Ion 163.80 (163.50 to 164.50): V

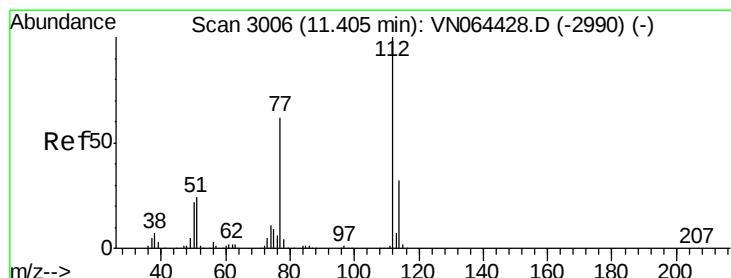
Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



Time-->



#65

Chlorobenzene

Concen: 49.155 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN064542.D

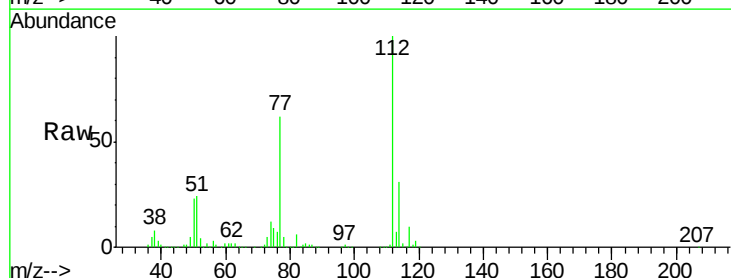
Acq: 10 Nov 2020 21:50

Tgt Ion:112 Resp: 562550

Ion Ratio Lower Upper

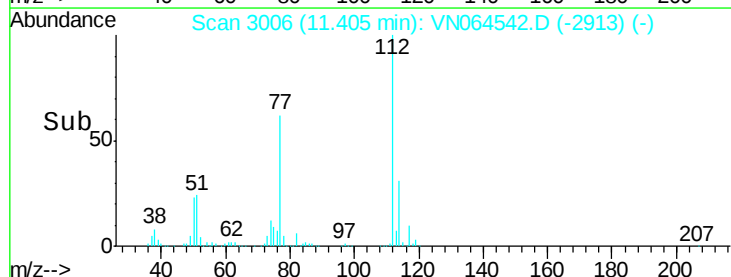
112 100

114 31.4 25.6 38.4

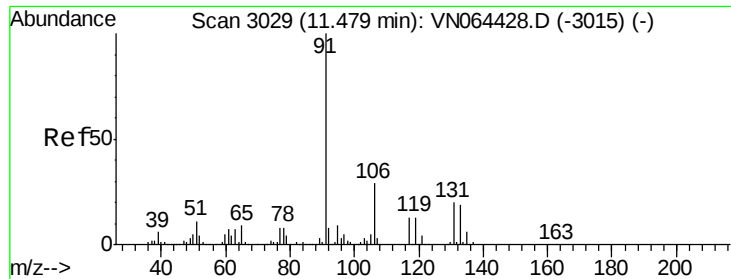


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 52.285 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064542.D

Acq: 10 Nov 2020 21:50

Instrument :

MSVOA_N

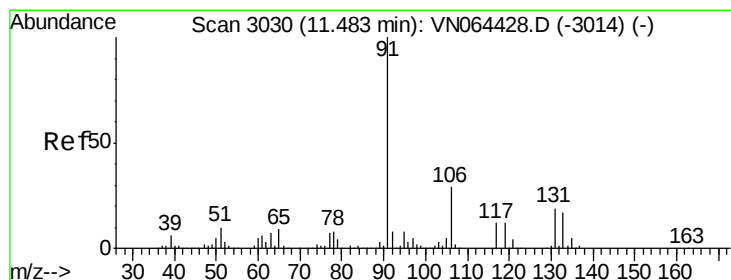
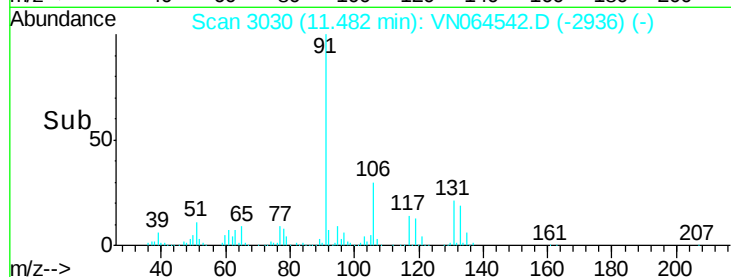
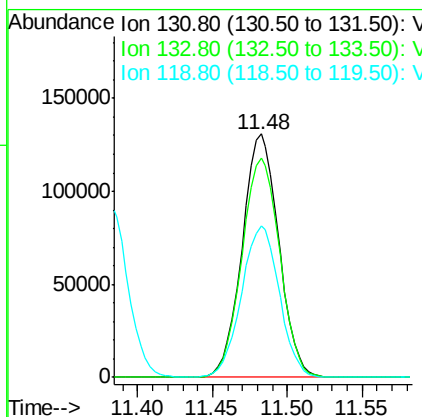
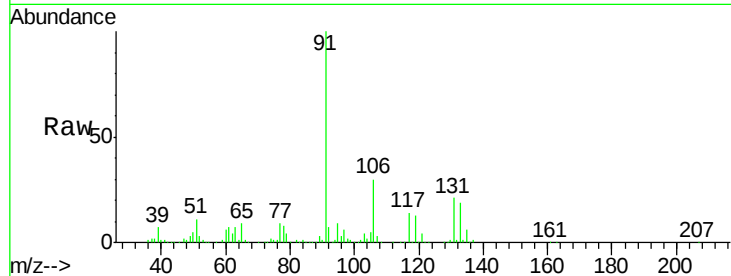
ClientSampleId :

BP-VPB178-GW-498-500MSD

Tot Ion:	131	Resp:	223228
Ion Ratio	Lower	Upper	
131	100		
133	93.1	46.9	140.7
119	64.5	32.1	96.5

Manual Integrations
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#67

Ethyl Benzene

Concen: 50.575 ug/l

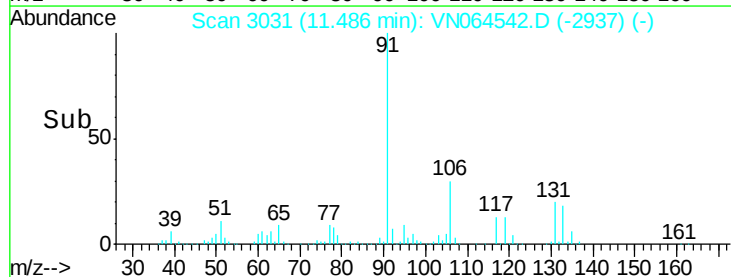
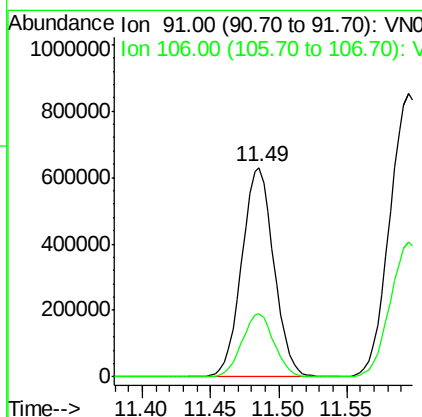
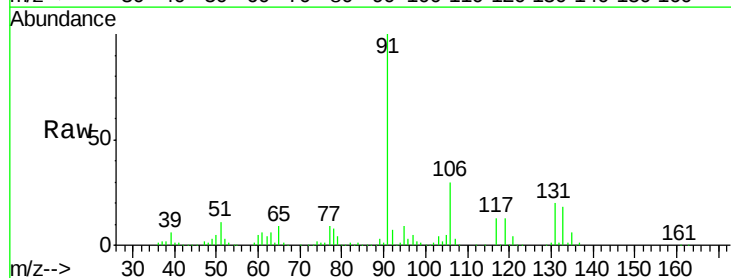
RT: 11.49 min Scan# 3031

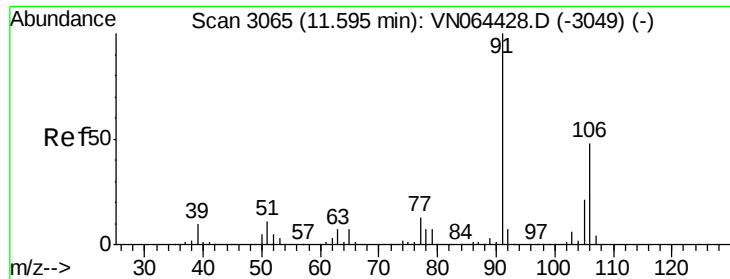
Delta R.T. 0.00 min

Lab File: VN064542.D

Acq: 10 Nov 2020 21:50

Tgt Ion:	91	Resp:	1029541
Ion Ratio	Lower	Upper	
91	100		
106	30.0	23.6	35.4





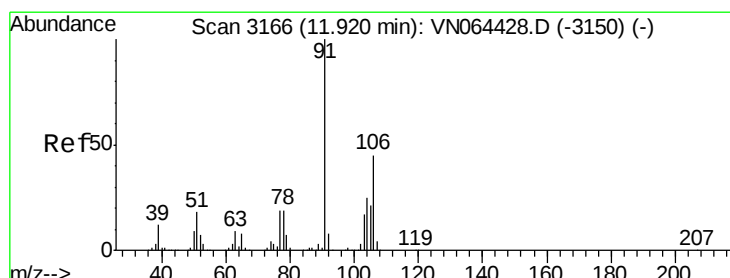
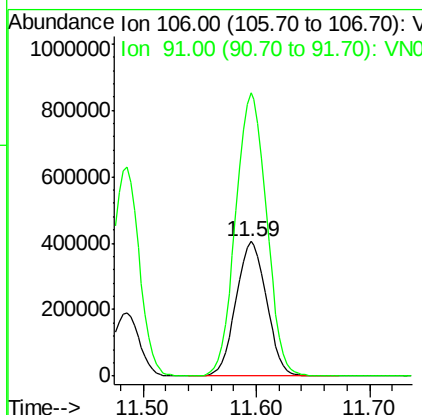
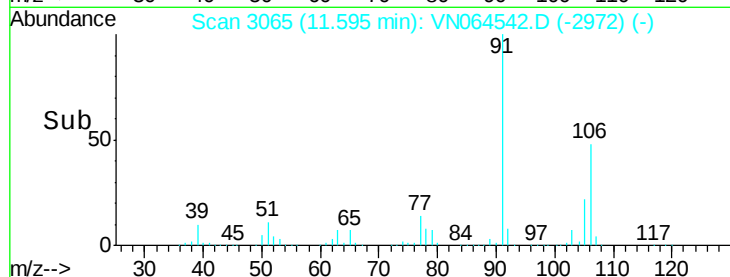
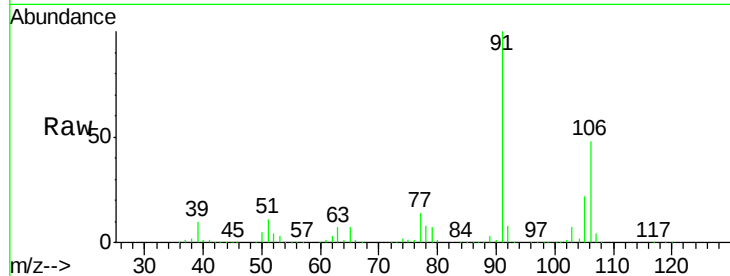
#68
m/p-Xylenes
Concen: 103.223 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064542.D
Acq: 10 Nov 2020 21:50

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-498-500MSD

Tot Ion:106 Resp: 762054
Ion Ratio Lower Upper
106 100
91 213.0 169.4 254.2

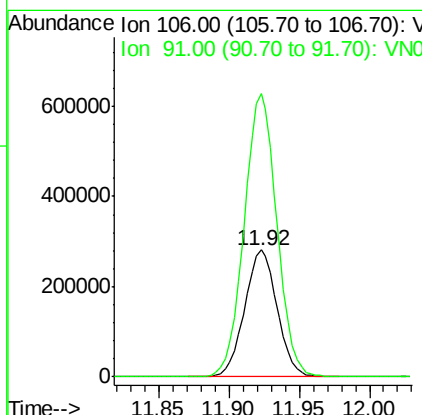
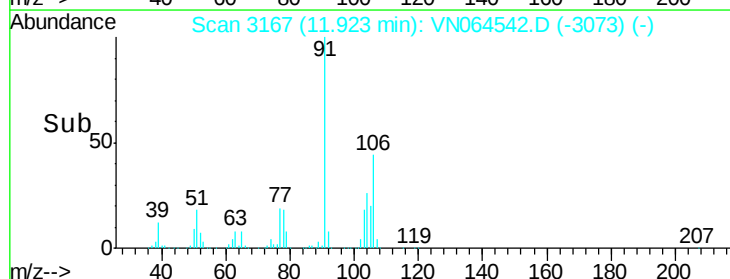
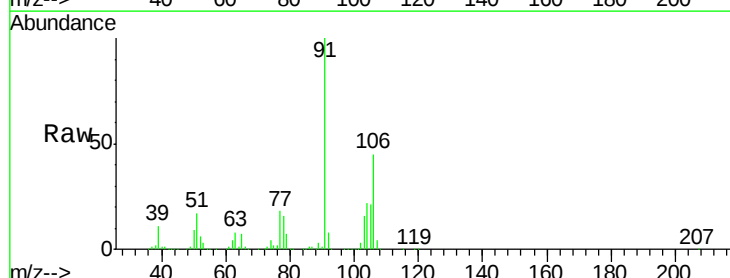
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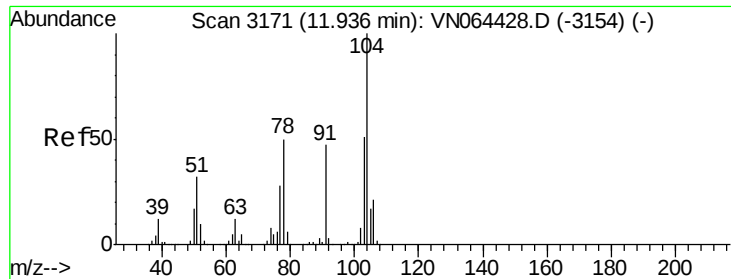
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#69
o-Xylene
Concen: 63.756 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064542.D
Acq: 10 Nov 2020 21:50

Tgt Ion:106 Resp: 454825
Ion Ratio Lower Upper
106 100
91 224.4 111.7 334.9





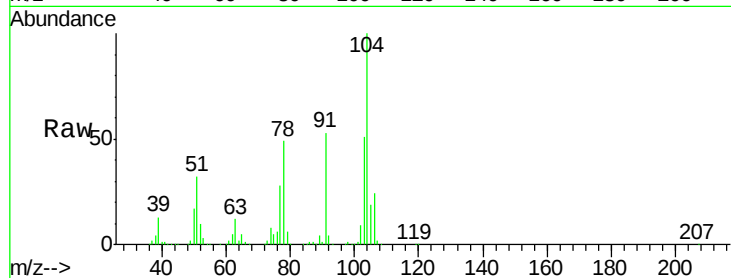
#70
Stvrene
Concen: 52.659 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064542.D
Acq: 10 Nov 2020 21:50

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-498-500MSD

Tot Ion	Ratio	Resp	Lower	Upper
104	100	632139		
78	55.6		44.0	66.0
103	56.9		43.8	65.6

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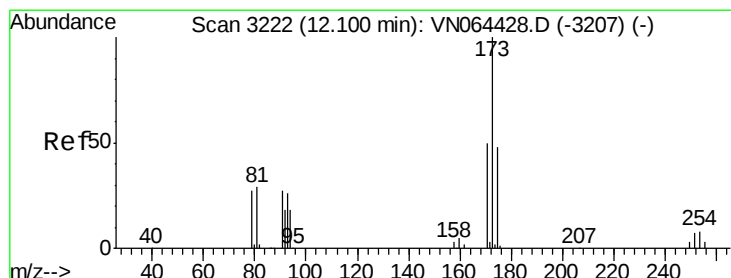
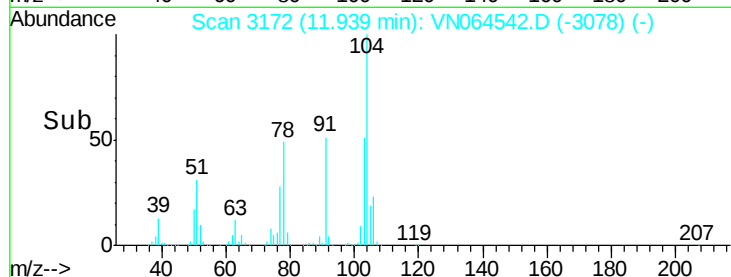
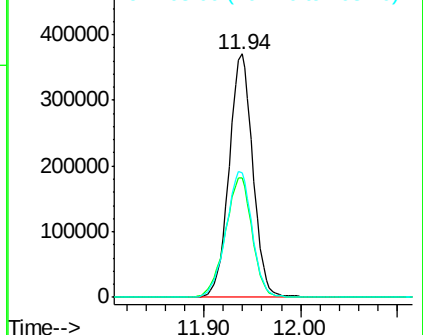


Abundance

Ion 104.00 (103.70 to 104.70): V

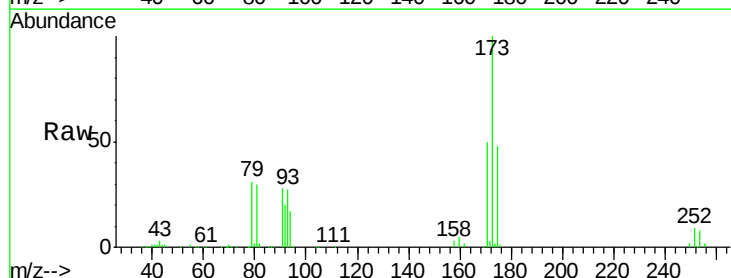
Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71
Bromoform
Concen: 49.732 ug/l
RT: 12.10 min Scan# 3223
Delta R.T. 0.00 min
Lab File: VN064542.D
Acq: 10 Nov 2020 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	159410		
175	48.2		23.7	71.1
254	0.0		0.0	0.0

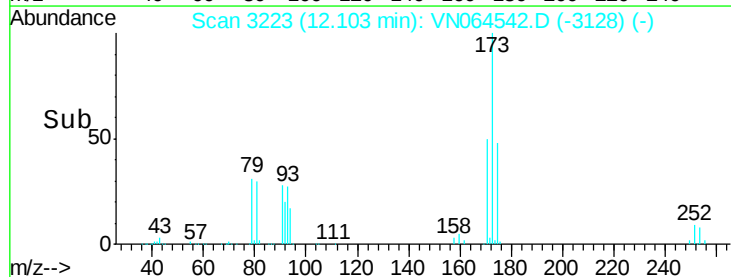
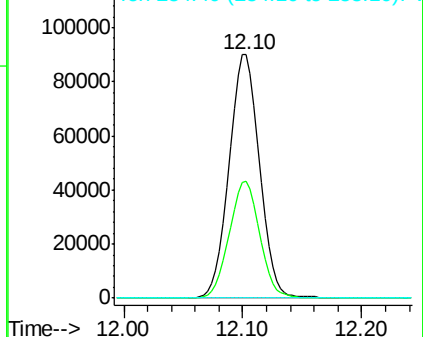


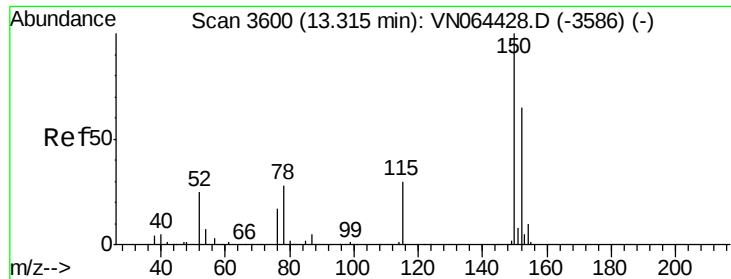
Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064542.D

Acq: 10 Nov 2020 21:50

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-498-500MSD

Tot Ion:152 Resp: 250171

Ion Ratio Lower Upper

152 100

115 66.4 32.0 96.0

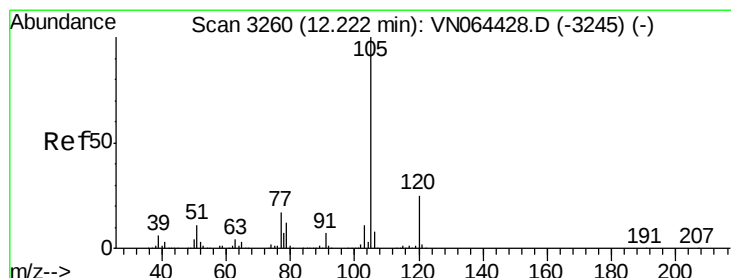
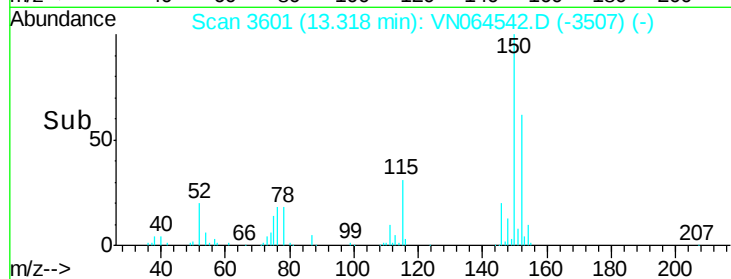
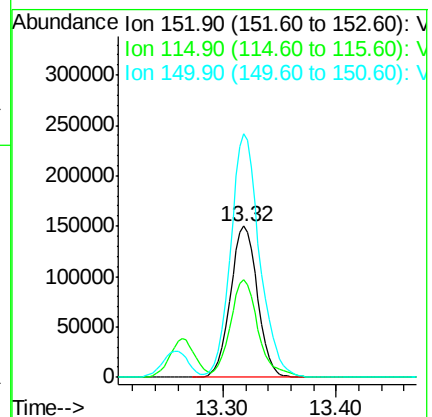
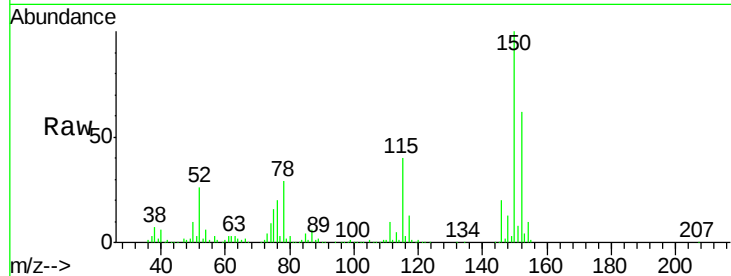
150 170.4 0.0 353.8

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#73

Isopropylbenzene

Concen: 52.160 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN064542.D

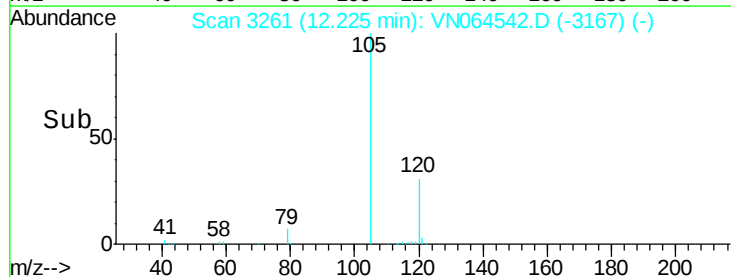
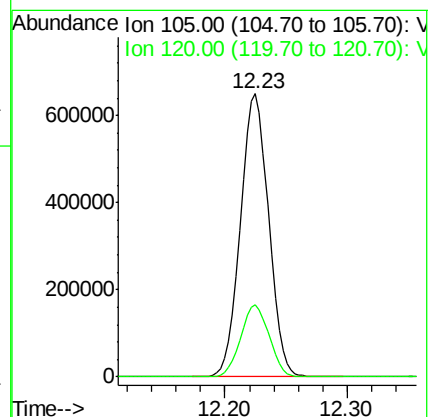
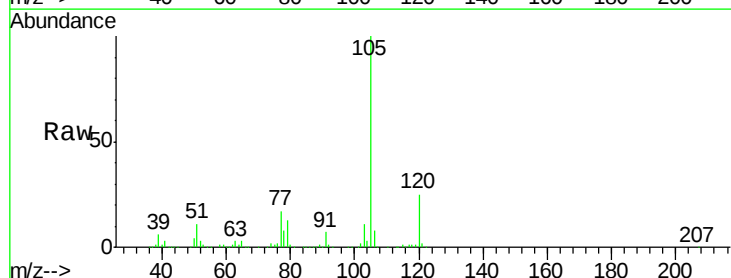
Acq: 10 Nov 2020 21:50

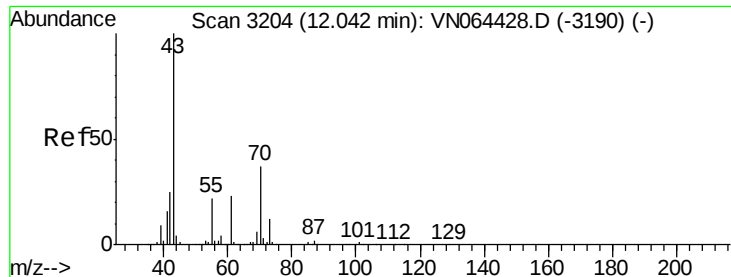
Tgt Ion:105 Resp: 1037176

Ion Ratio Lower Upper

105 100

120 25.6 12.8 38.3





#74

N-amvl acetate

Concen: 42.385 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064542.D

Acq: 10 Nov 2020 21:50

Instrument :

MSVOA_N

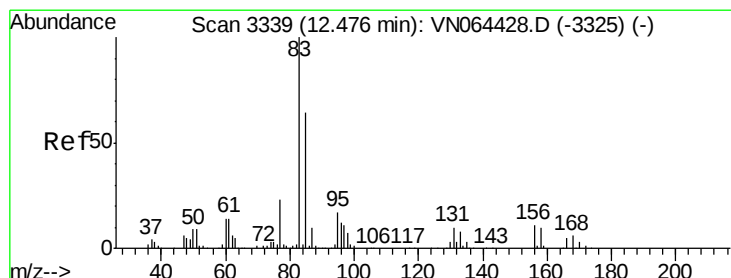
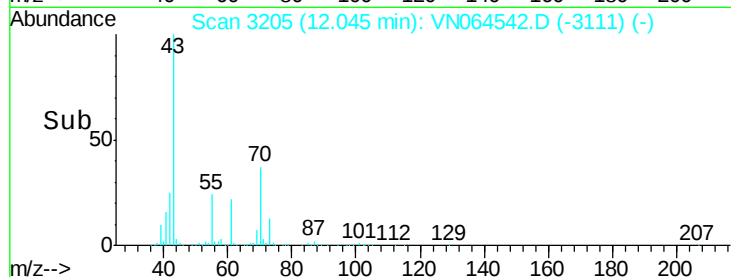
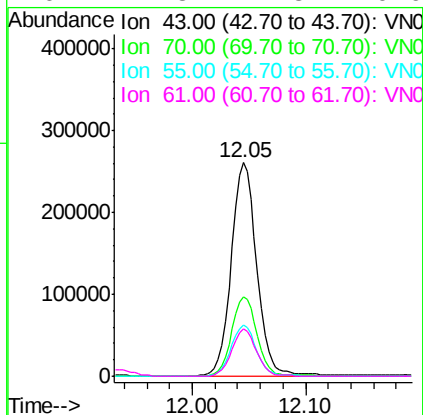
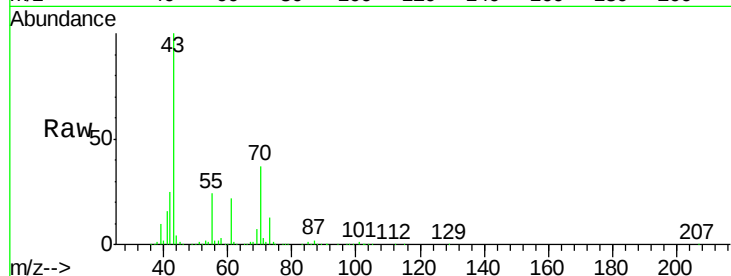
ClientSampleId :

BP-VPB178-GW-498-500MSD

Tot Ion	Ratio	Lower	Upper
43	100		
70	37.5	29.6	44.4
55	24.1	18.4	27.6
61	21.8	17.8	26.6

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#75

1,1,2,2-Tetrachloroethane

Concen: 50.383 ug/l

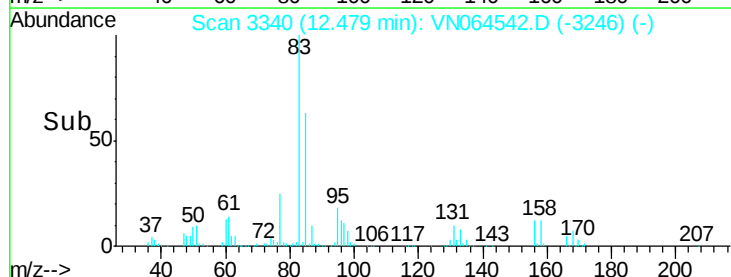
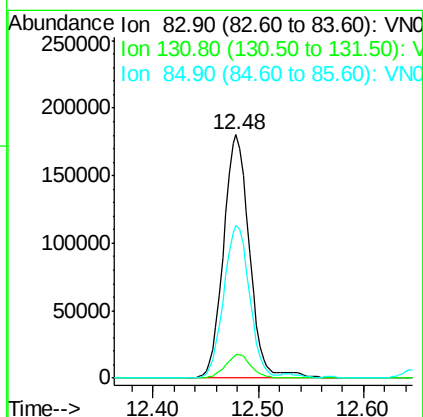
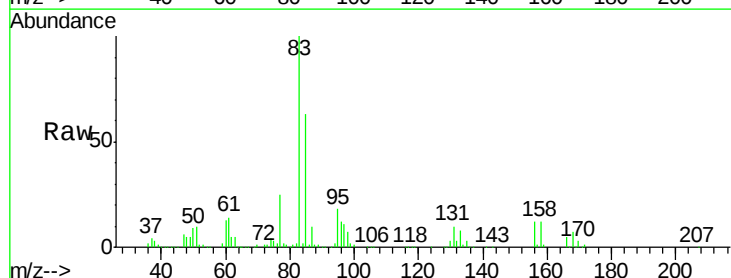
RT: 12.48 min Scan# 3340

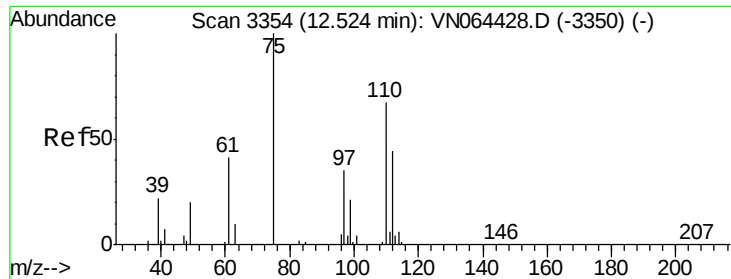
Delta R.T. 0.00 min

Lab File: VN064542.D

Acq: 10 Nov 2020 21:50

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.9	14.7
85	62.3	32.1	96.5





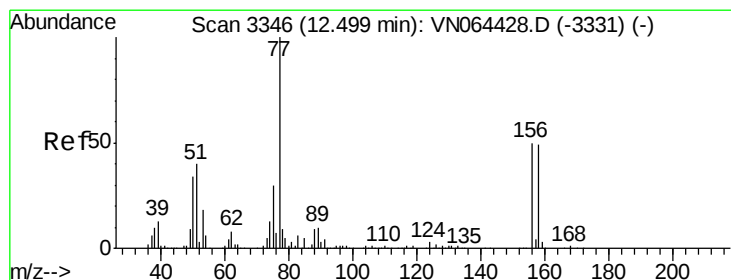
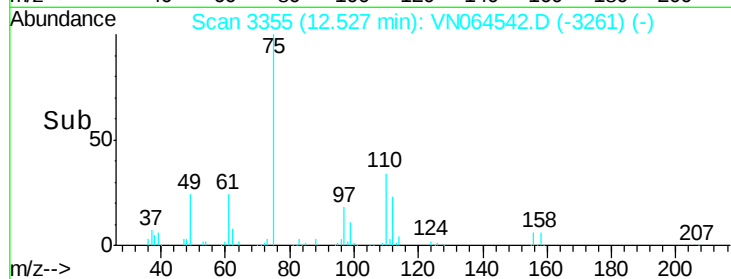
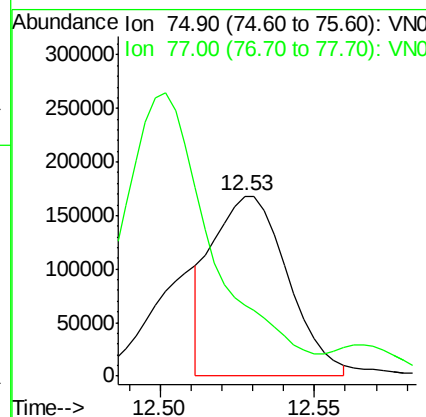
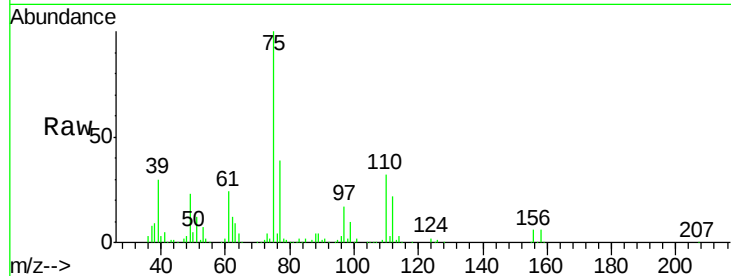
#76
 1,2,3-Trichloropropane
 Concen: 47.120 ug/l m
 RT: 12.53 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN064542.D
 Acq: 10 Nov 2020 21:50

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-498-500MSD

Tot Ion: 75 Resp: 285614
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

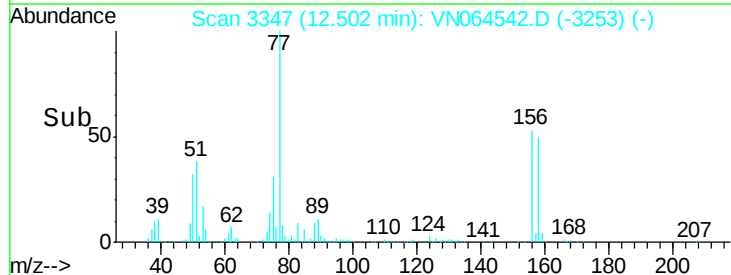
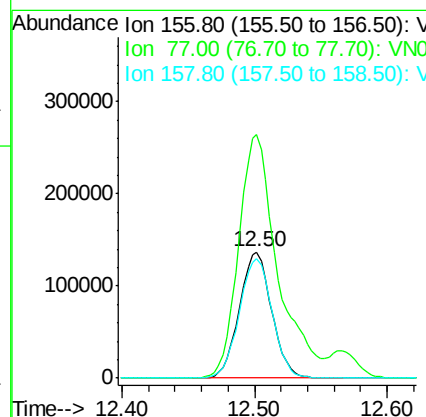
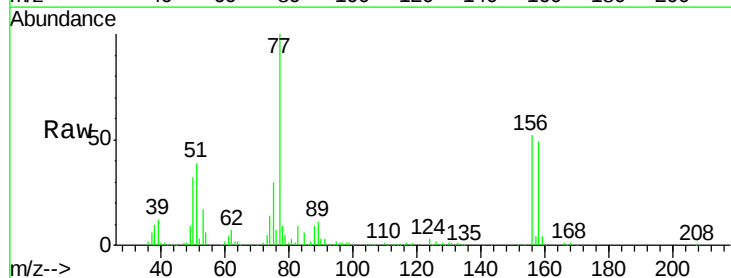
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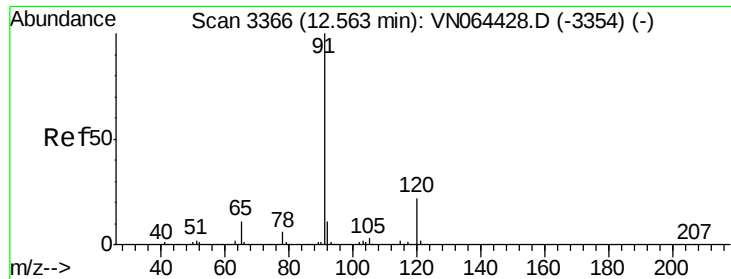
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#77
 Bromobenzene
 Concen: 47.616 ug/l
 RT: 12.50 min Scan# 3347
 Delta R.T. 0.00 min
 Lab File: VN064542.D
 Acq: 10 Nov 2020 21:50

Tgt Ion: 156 Resp: 231157
 Ion Ratio Lower Upper
 156 100
 77 234.3 119.0 357.0
 158 97.0 48.4 145.3





#78

n-propylbenzene

Concen: 49.554 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064542.D

Acq: 10 Nov 2020 21:50

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-498-500MSD

Tot Ion: 91 Resp: 1123381

Ion Ratio Lower Upper

91 100

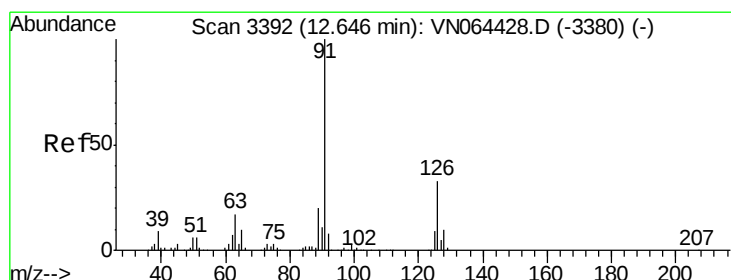
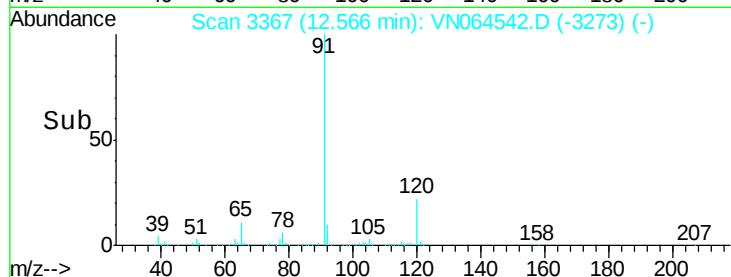
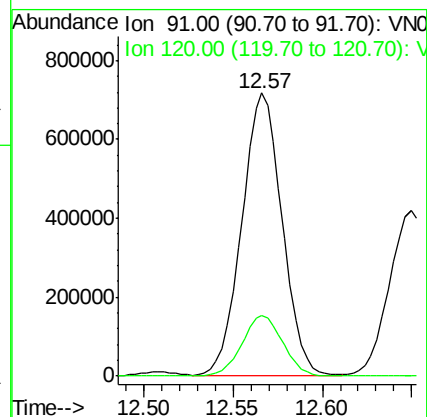
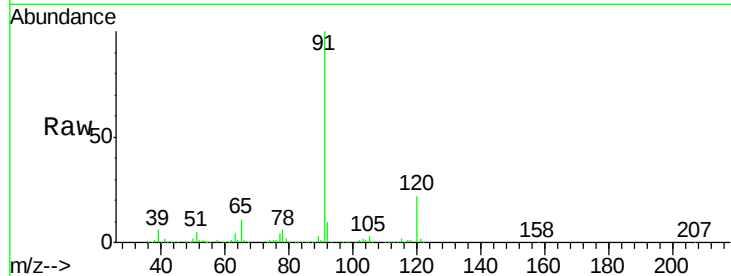
120 21.8 11.0 33.0

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#79

2-Chlorotoluene

Concen: 48.172 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064542.D

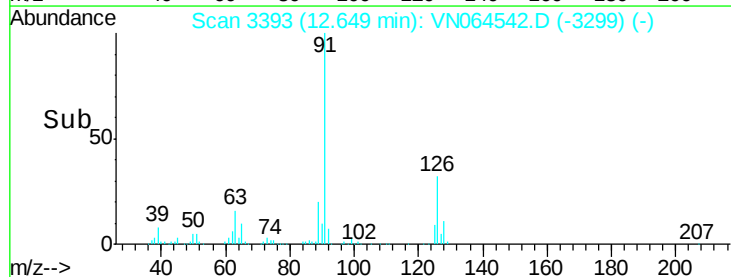
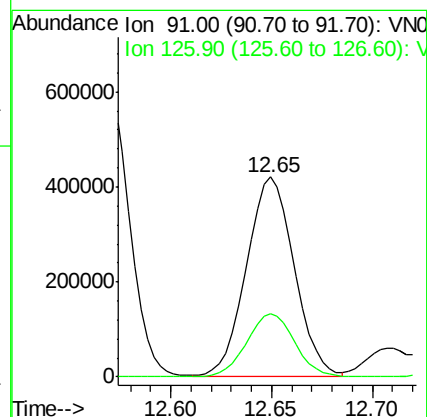
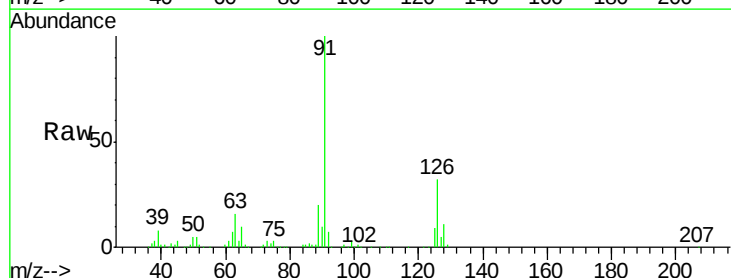
Acq: 10 Nov 2020 21:50

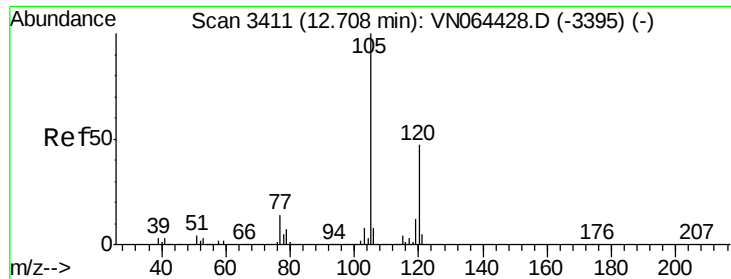
Tgt Ion: 91 Resp: 692621

Ion Ratio Lower Upper

91 100

126 32.0 16.4 49.1





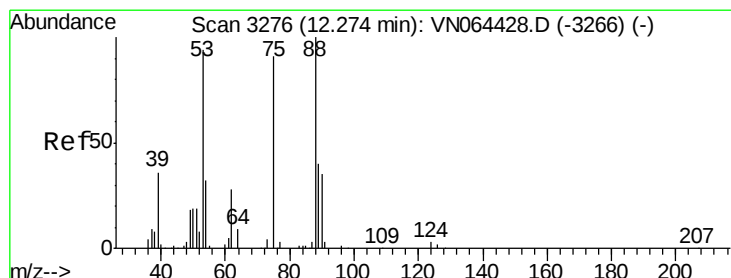
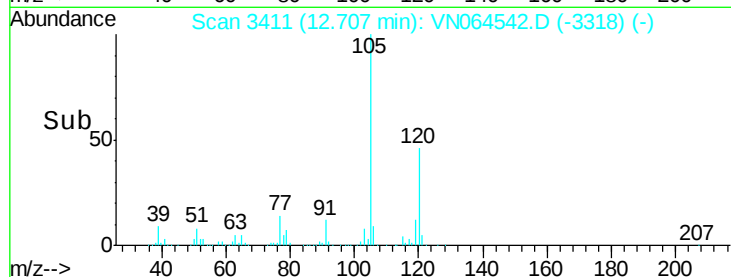
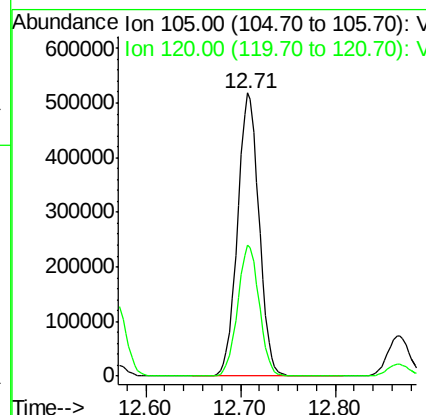
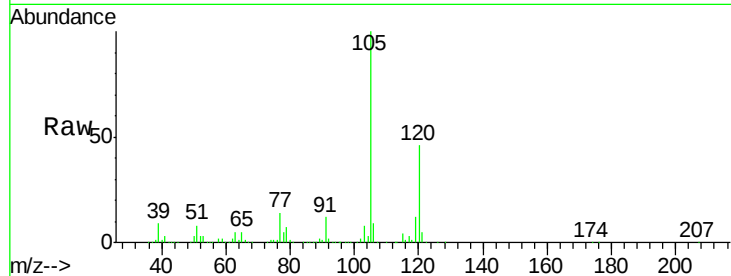
#80
 1,3,5-Trimethylbenzene
 Concen: 49.693 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN064542.D
 Acq: 10 Nov 2020 21:50

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-498-500MSD

Tot Ion: 105 Resp: 815173
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.4 70.2

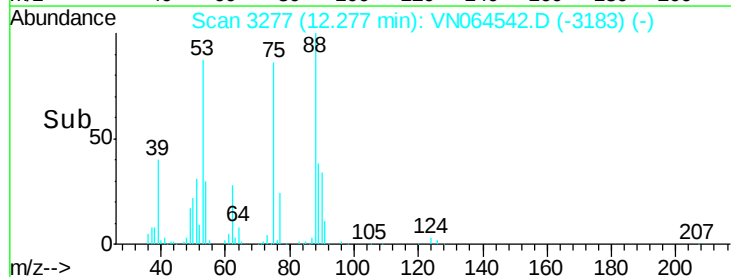
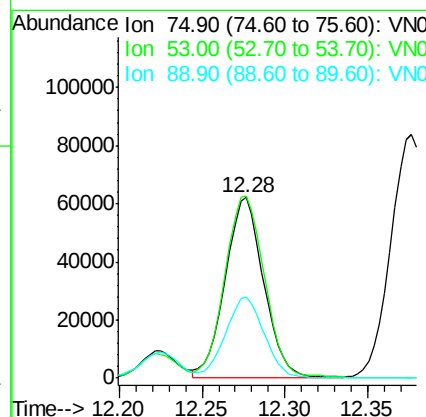
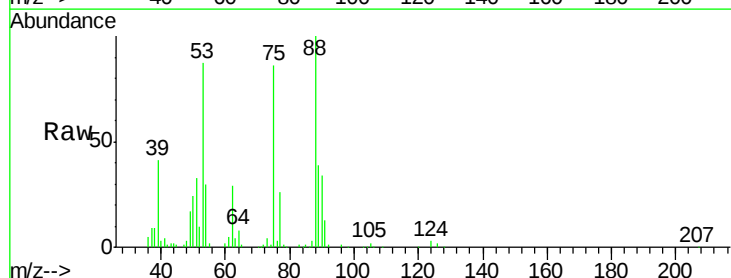
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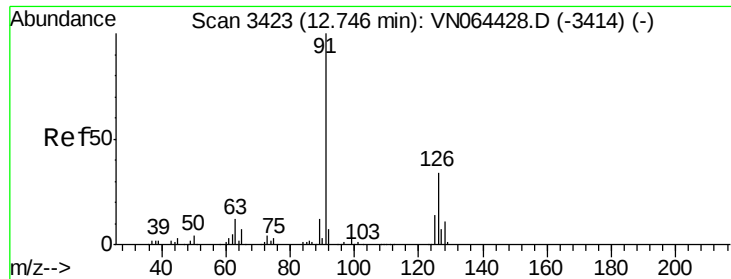
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.676 ug/l
 RT: 12.28 min Scan# 3277
 Delta R.T. 0.00 min
 Lab File: VN064542.D
 Acq: 10 Nov 2020 21:50

Tgt Ion: 75 Resp: 99158
 Ion Ratio Lower Upper
 75 100
 53 106.2 84.0 126.0
 89 45.8 36.3 54.5





#82

4-Chlorotoluene

Concen: 48.697 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN064542.D

Acq: 10 Nov 2020 21:50

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-498-500MSD

Tot Ion: 91 Resp: 733259

Ion Ratio Lower Upper

91 100

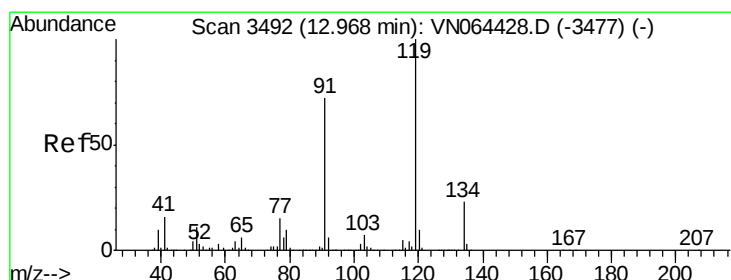
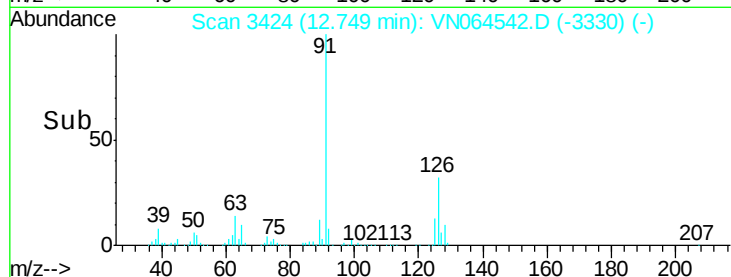
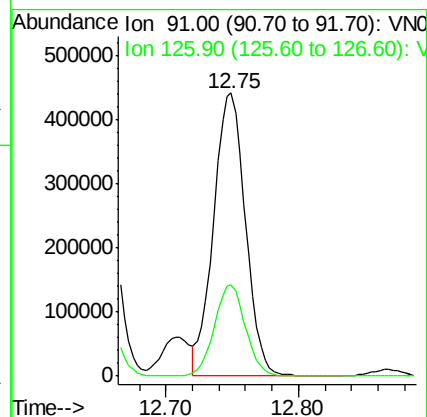
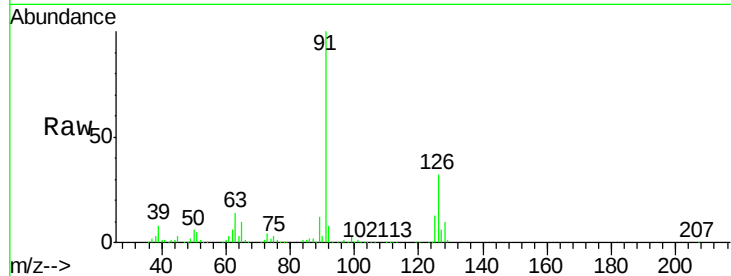
126 31.3 15.4 46.2

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#83

tert-Butylbenzene

Concen: 50.200 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN064542.D

Acq: 10 Nov 2020 21:50

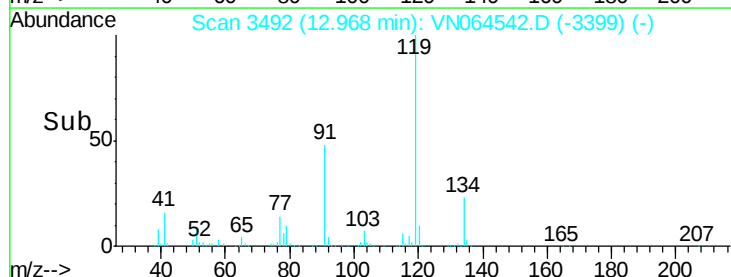
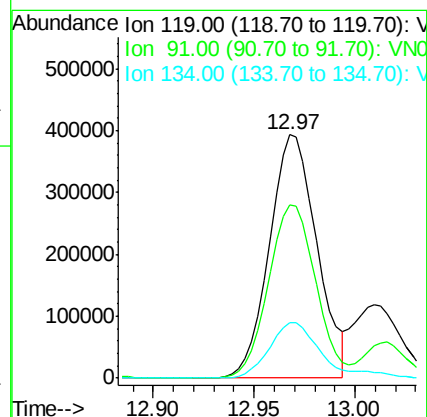
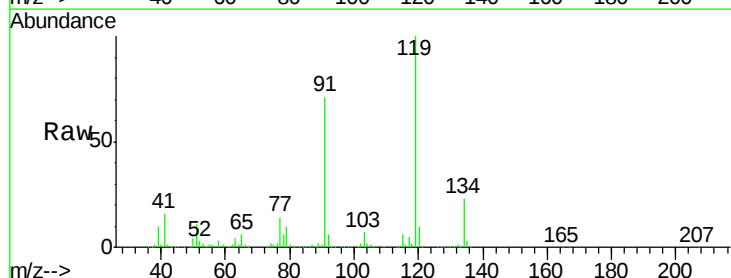
Tgt Ion: 119 Resp: 643157

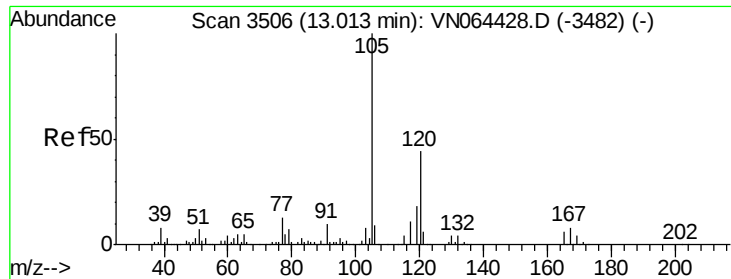
Ion Ratio Lower Upper

119 100

91 70.7 36.1 108.3

134 25.2 11.7 35.1





#84

1,2,4-Trimethylbenzene

Concen: 49.920 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN064542.D

Acq: 10 Nov 2020 21:50

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-498-500MSD

Tot Ion:105 Resp: 823205

Ion Ratio Lower Upper

105 100

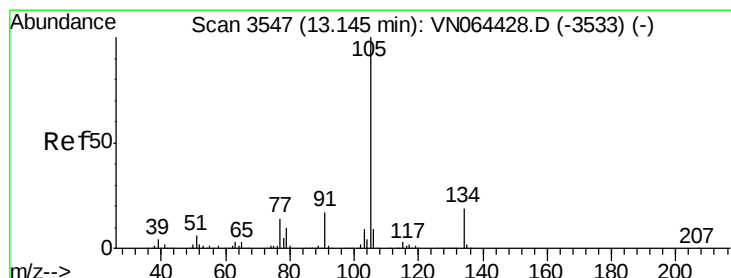
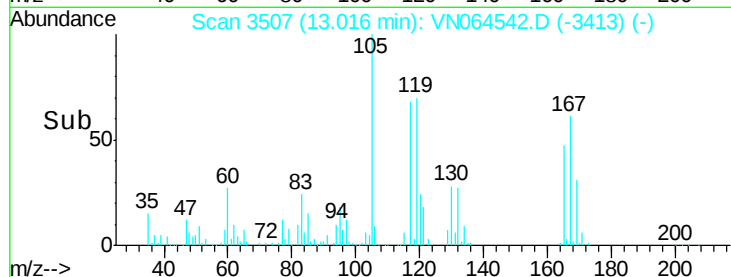
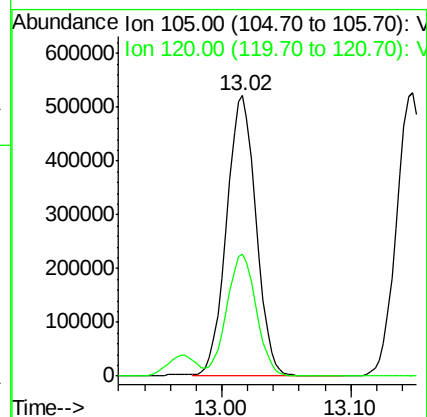
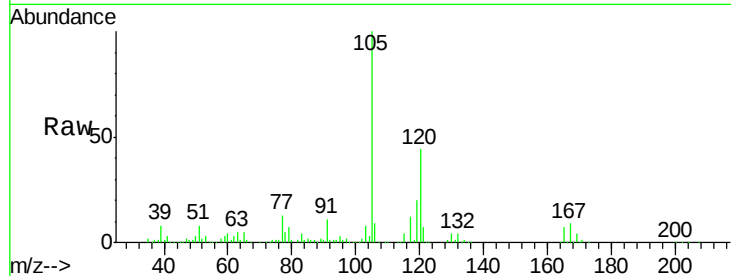
120 43.5 21.9 65.7

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#85

sec-Butylbenzene

Concen: 51.560 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064542.D

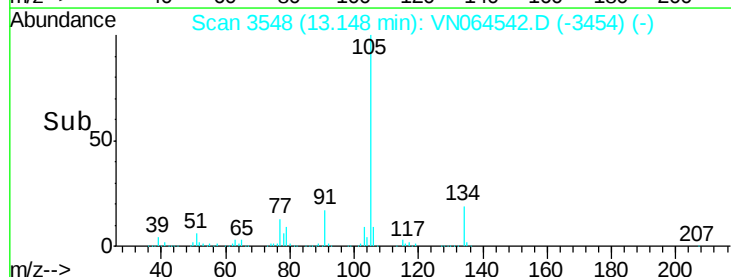
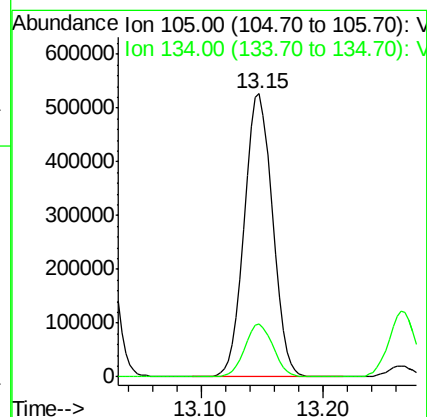
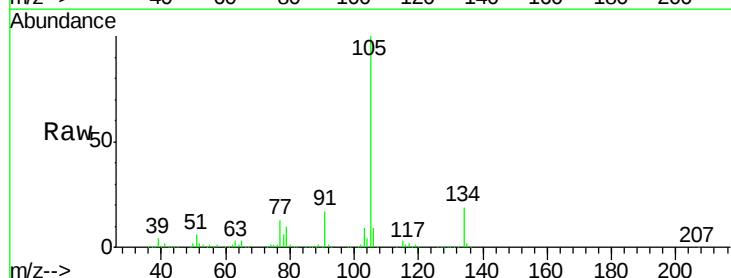
Acq: 10 Nov 2020 21:50

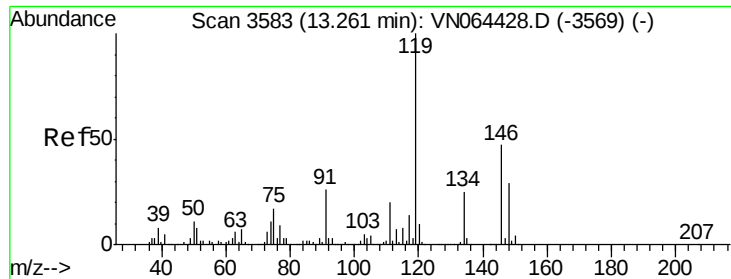
Tgt Ion:105 Resp: 836600

Ion Ratio Lower Upper

105 100

134 18.8 9.4 28.2





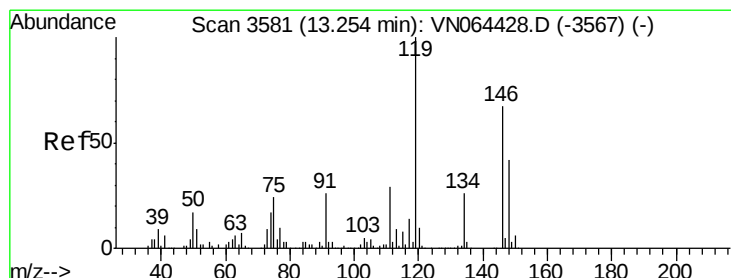
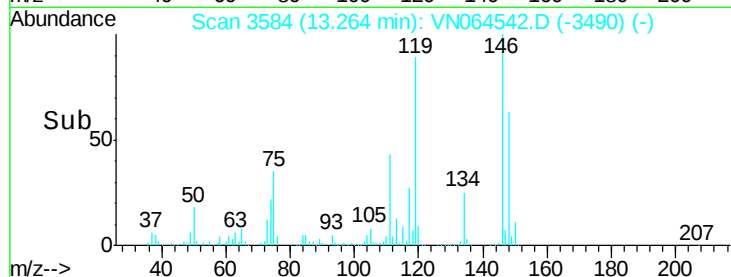
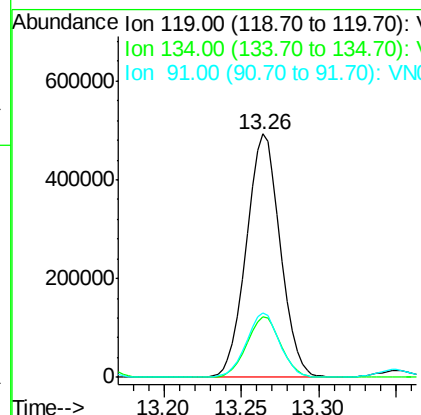
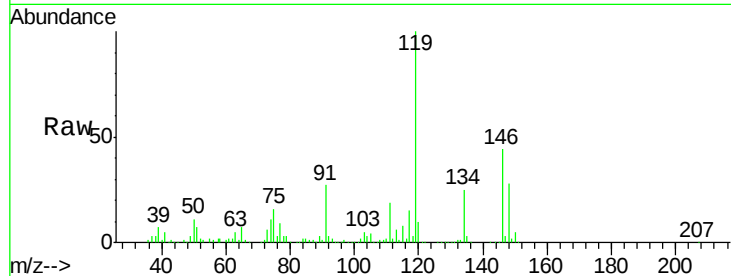
#86
 p-Isopropyltoluene
 Concen: 51.469 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064542.D
 Acq: 10 Nov 2020 21:50

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-498-500MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	751177		
134	24.9	12.6	37.6	
91	25.9	12.8	38.3	

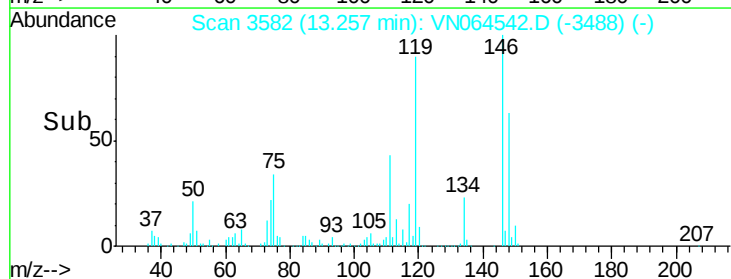
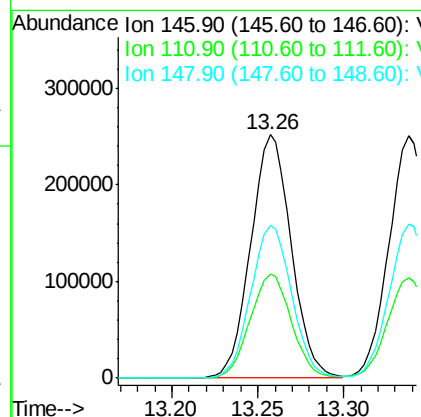
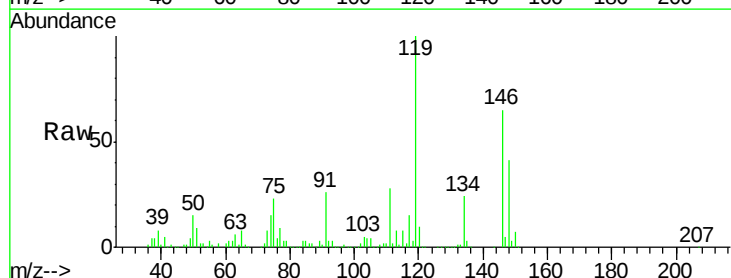
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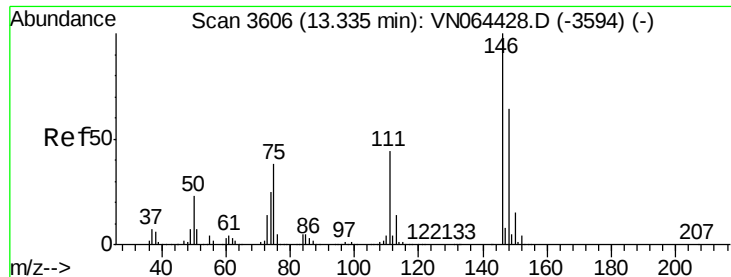
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#87
 1,3-Dichlorobenzene
 Concen: 49.102 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064542.D
 Acq: 10 Nov 2020 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	412061		
111	43.4	22.1	66.1	
148	63.4	31.7	95.1	





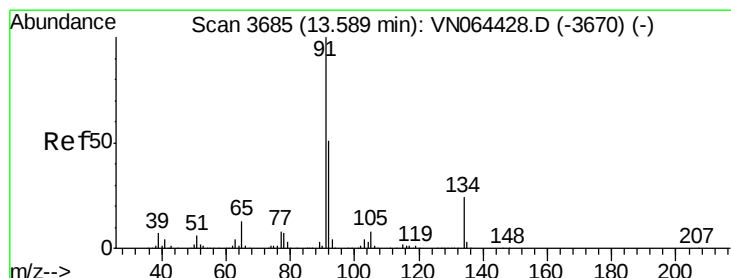
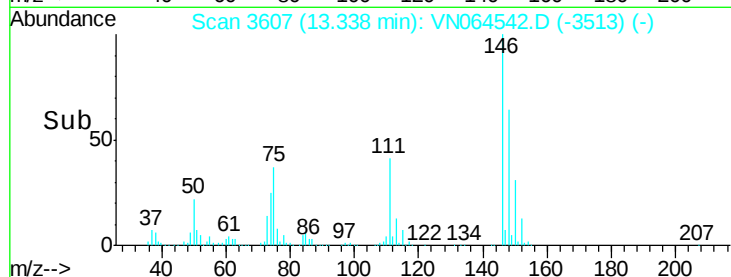
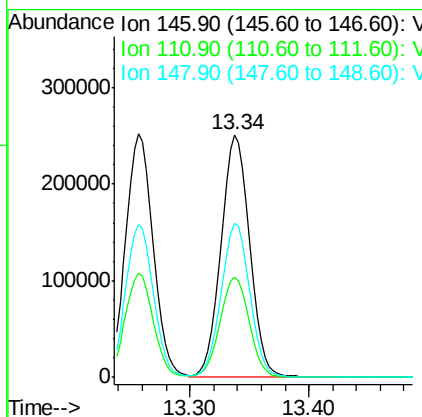
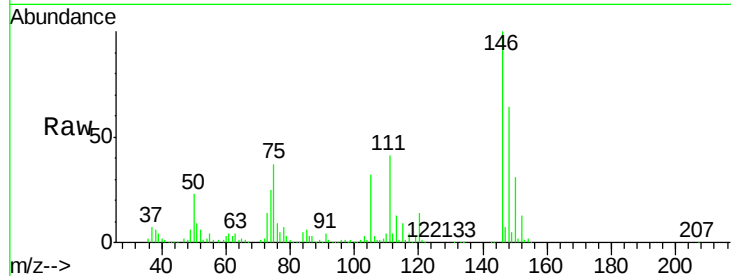
#88
 1,4-Dichlorobenzene
 Concen: 48.154 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064542.D
 Acq: 10 Nov 2020 21:50

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-498-500MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.8	65.3
148	63.2	32.4	97.2

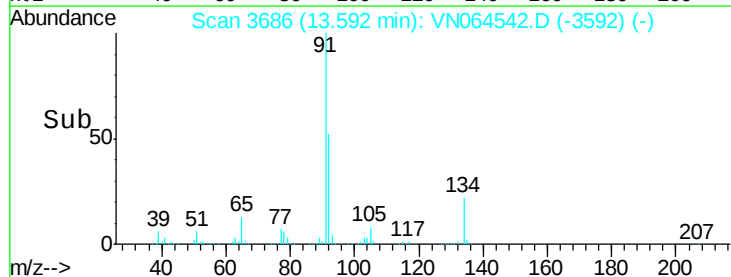
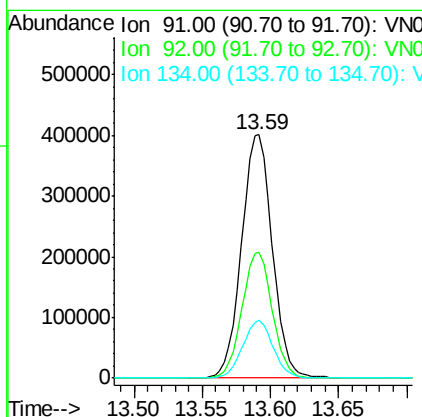
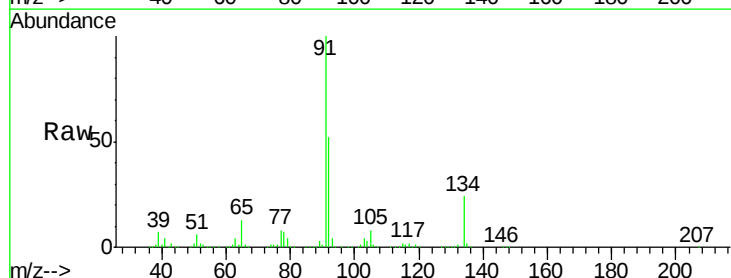
Manual Integrations
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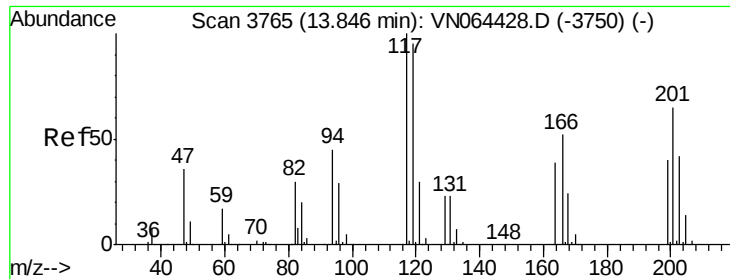
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 11/11/2020 1:02:13 PM



#89
 n-Butylbenzene
 Concen: 50.064 ug/l
 RT: 13.59 min Scan# 3686
 Delta R.T. 0.00 min
 Lab File: VN064542.D
 Acq: 10 Nov 2020 21:50

Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.9	25.3	75.9
134	23.3	11.8	35.4





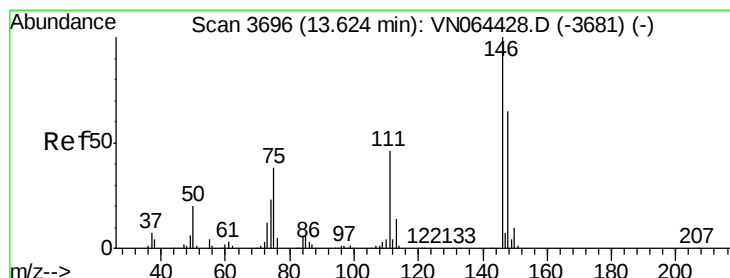
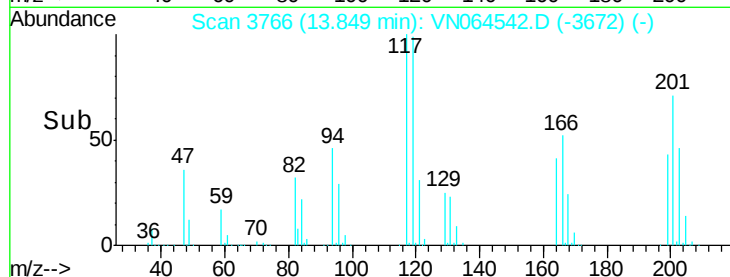
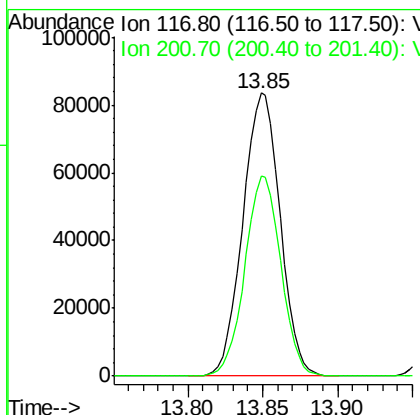
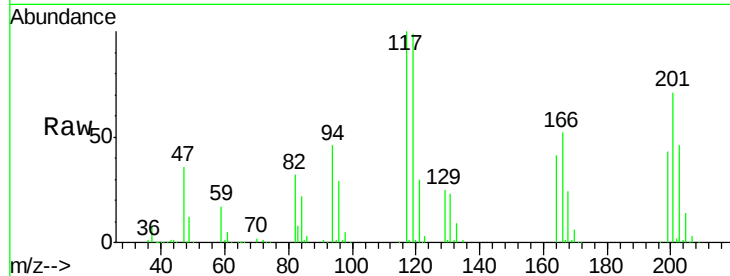
#90
Hexachloroethane
Concen: 51.495 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064542.D
Acq: 10 Nov 2020 21:50

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-498-500MSD

Tot Ion:117 Resp: 144978
Ion Ratio Lower Upper
117 100
201 68.1 32.5 97.5

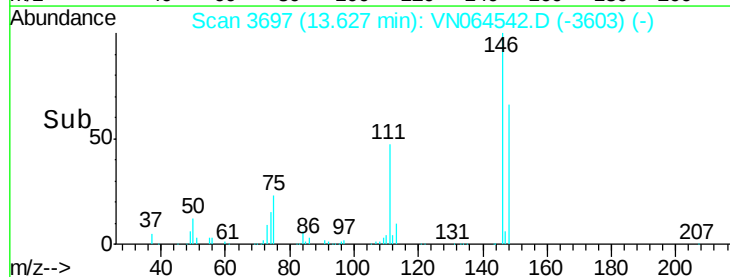
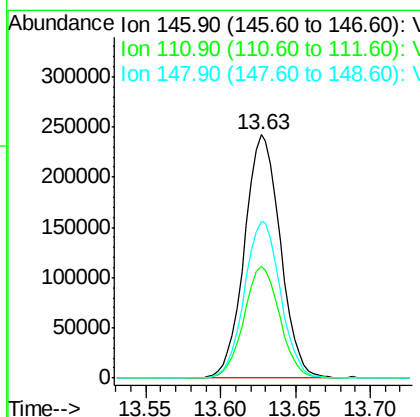
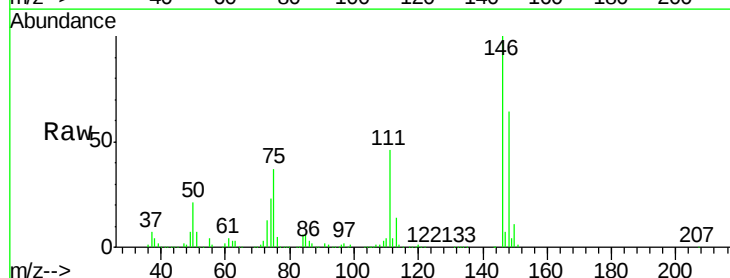
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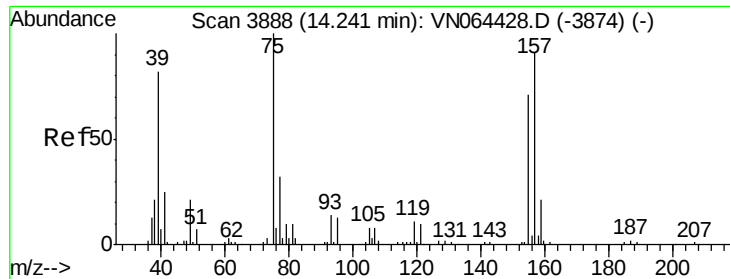
MMDadoda
11/11/2020 1:02:13 PM



#91
1,2-Dichlorobenzene
Concen: 50.148 ug/l
RT: 13.63 min Scan# 3697
Delta R.T. 0.00 min
Lab File: VN064542.D
Acq: 10 Nov 2020 21:50

Tgt Ion:146 Resp: 404807
Ion Ratio Lower Upper
146 100
111 46.0 22.9 68.7
148 64.7 32.0 96.2





#92

1,2-Dibromo-3-Chloropropane

Concen: 52.062 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN064542.D

Acq: 10 Nov 2020 21:50

Instrument :

MSVOA_N

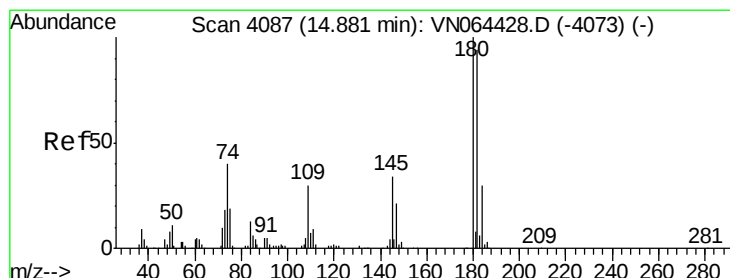
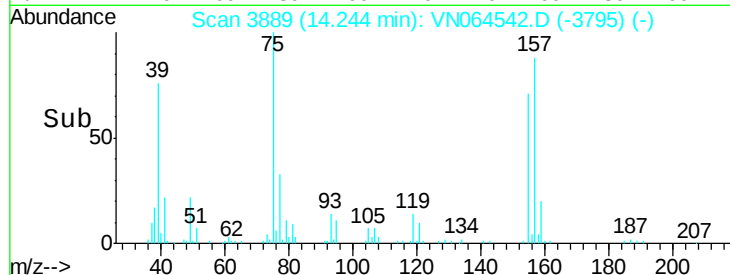
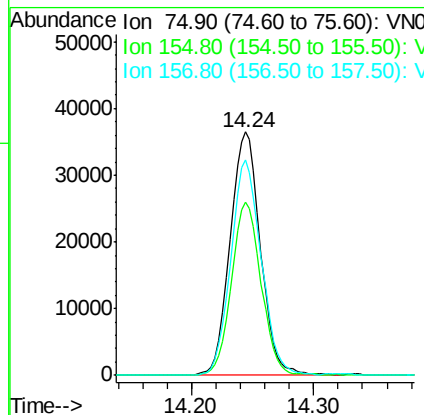
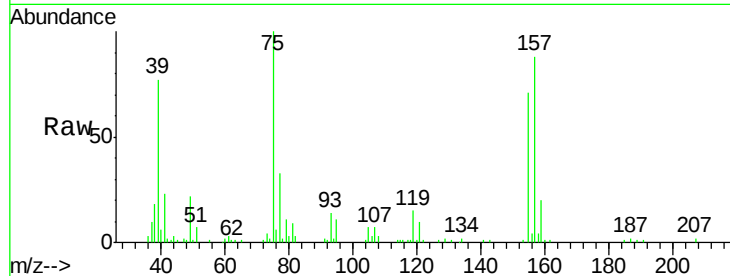
ClientSampleId :

BP-VPB178-GW-498-500MSD

Tot Ion:	75	Resp:	63307
Ion	Ratio	Lower	Upper
75	100		
155	68.9	34.6	103.9
157	88.7	43.0	128.8

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11/11/2020 1:02:13 PM



#93

1,2,4-Trichlorobenzene

Concen: 45.430 ug/l

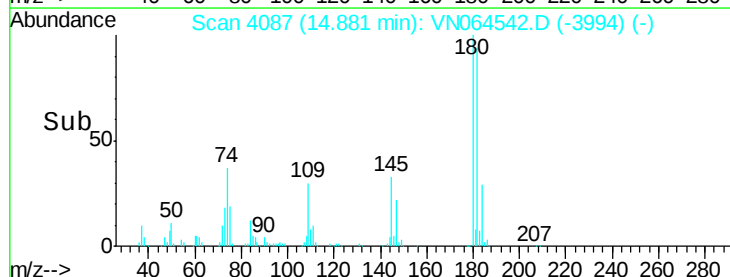
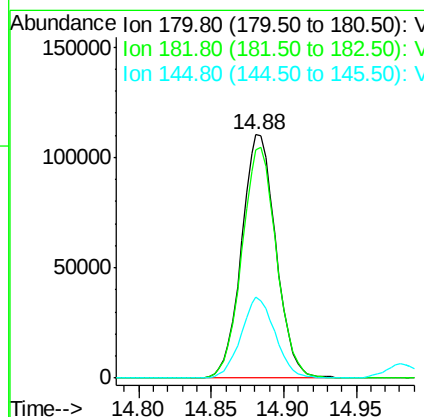
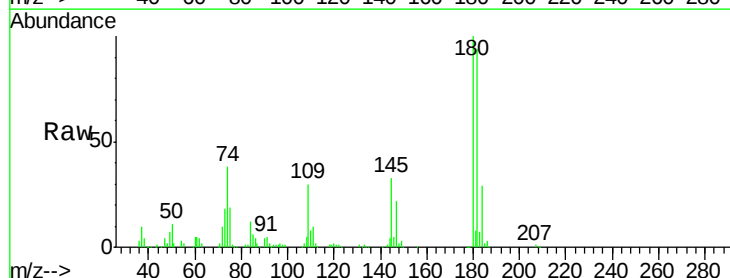
RT: 14.88 min Scan# 4087

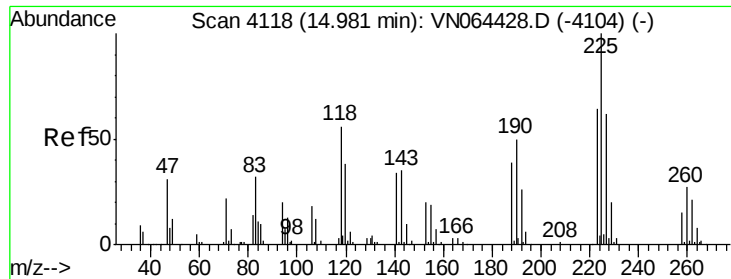
Delta R.T. -0.00 min

Lab File: VN064542.D

Acq: 10 Nov 2020 21:50

Tgt Ion:	180	Resp:	181341
Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.3	142.0
145	33.1	16.7	50.1





#94

Hexachlorobutadiene

Concen: 50.995 ug/l

RT: 14.98 min Scan# 4119

Delta R.T. 0.00 min

Lab File: VN064542.D

Acq: 10 Nov 2020 21:50

Instrument :

MSVOA_N

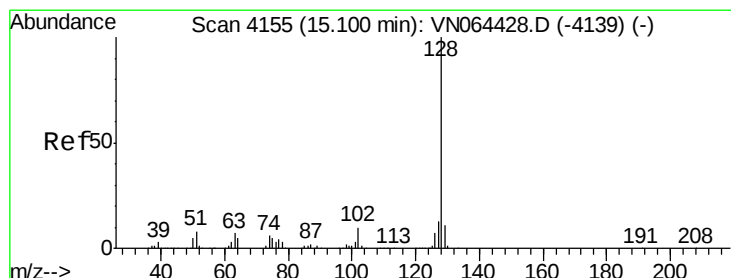
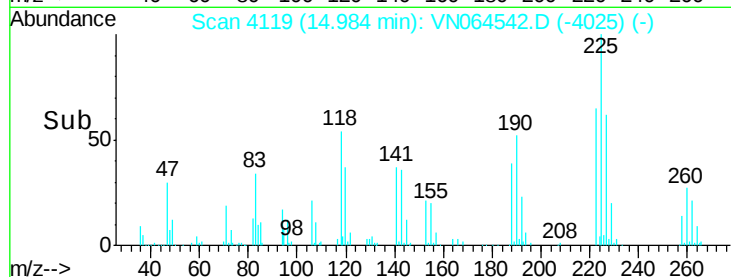
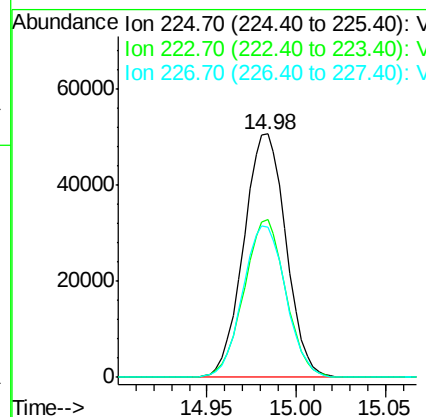
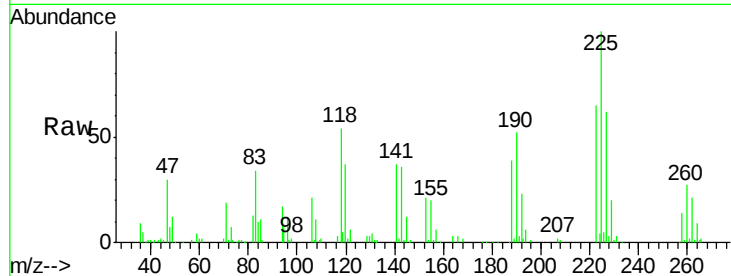
ClientSampleId :

BP-VPB178-GW-498-500MSD

Tot Ion:	225	Resp:	83810
Ion Ratio	Lower	Upper	
225	100		
223	63.9	31.8	95.4
227	63.3	31.8	95.4

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11/11/2020 1:02:13 PM



#95

Naphthalene

Concen: 42.936 ug/l

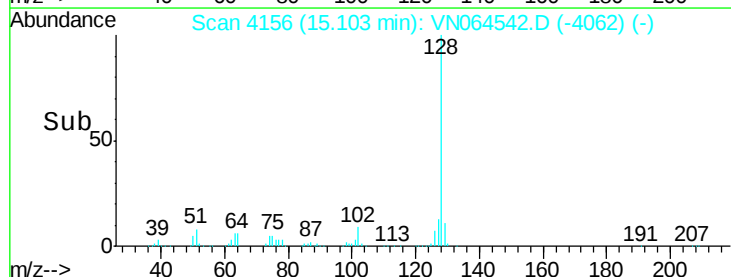
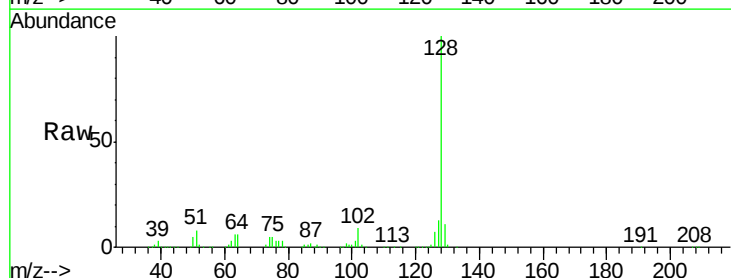
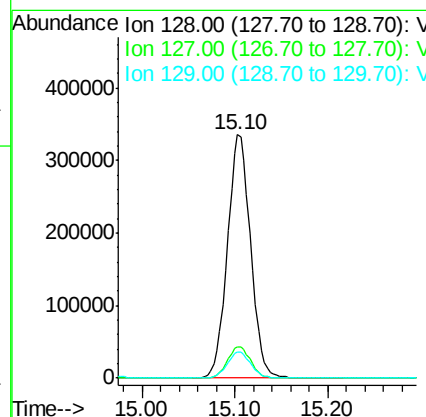
RT: 15.10 min Scan# 4156

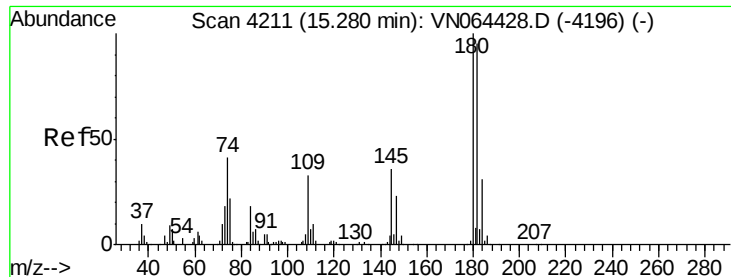
Delta R.T. 0.00 min

Lab File: VN064542.D

Acq: 10 Nov 2020 21:50

Tgt Ion:	128	Resp:	581559
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.5	15.7
129	10.9	8.8	13.2





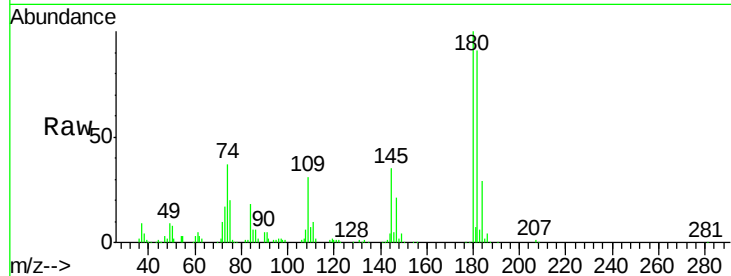
#96
 1,2,3-Trichlorobenzene
 Concen: 45.913 ug/l
 RT: 15.28 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN064542.D
 Acq: 10 Nov 2020 21:50

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-498-500MSD

Tot Ion:	180	Resp:	177379
Ion Ratio	Lower	Upper	
180	100		
182	94.8	47.7	143.1
145	35.8	18.3	54.8

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

