

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082520\
 Data File : VN063104.D
 Acq On : 25 Aug 2020 10:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/26/2020 11:26:33 AM

Quant Time: Aug 26 05:52:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	198002	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	288776	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	278713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	138204	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	114527	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	
35) Dibromofluoromethane	7.55	113	97774	51.96	ug/l	0.00
Spiked Amount			Recovery	=	103.92%	
50) Toluene-d8	10.06	98	378091	52.31	ug/l	0.00
Spiked Amount			Recovery	=	104.62%	
62) 4-Bromofluorobenzene	12.38	95	139583	54.73	ug/l	0.00
Spiked Amount			Recovery	=	109.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	127614	49.335	ug/l	99
3) Chloromethane	2.03	50	134787	49.648	ug/l	100
4) Vinyl Chloride	2.16	62	132196	50.351	ug/l	95
5) Bromomethane	2.50	94	78988	50.686	ug/l	99
6) Chloroethane	2.65	64	78232	50.468	ug/l	100
7) Trichlorofluoromethane	2.97	101	160238	48.940	ug/l	97
8) Diethyl Ether	3.37	74	54667	47.196	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	81764	46.343	ug/l	99
10) Methyl Iodide	3.91	142	108894	48.693	ug/l	99
11) Tert butyl alcohol	4.74	59	60316	181.457	ug/l	99
12) 1,1-Dichloroethene	3.69	96	73864	43.948	ug/l	99
13) Acrolein	3.57	56	6873	66.003	ug/l	98
14) Allyl chloride	4.27	41	138090	46.598	ug/l	99
15) Acrylonitrile	4.93	53	243539	249.277	ug/l	100
16) Acetone	3.77	43	196720	269.121	ug/l	98
17) Carbon Disulfide	4.00	76	180475	41.002	ug/l	98
18) Methyl Acetate	4.28	43	113730	48.768	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	302430	51.597	ug/l	99
20) Methylene Chloride	4.50	84	100638	48.604	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	82376	46.834	ug/l	97
22) Diisopropyl ether	5.90	45	345040	51.309	ug/l	99
23) Vinyl Acetate	5.84	43	1097799	241.916	ug/l	99
24) 1,1-Dichloroethane	5.80	63	179526	47.774	ug/l	99
25) 2-Butanone	6.78	43	300048	240.835	ug/l	100
26) 2,2-Dichloropropane	6.77	77	145762	49.322	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	104034	47.189	ug/l	99
28) Bromochloromethane	7.15	49	94960	48.296	ug/l	100
29) Tetrahydrofuran	7.17	42	193568	240.732	ug/l	98
30) Chloroform	7.33	83	179697	47.481	ug/l	99
31) Cyclohexane	7.61	56	155182	44.867	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	145388	47.055	ug/l	99
36) 1,1-Dichloropropene	7.75	75	120769	47.456	ug/l	99
37) Ethyl Acetate	6.88	43	117605	49.320	ug/l	99
38) Carbon Tetrachloride	7.73	117	124107	48.305	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	147461	43.141	ug/l	98
40) Benzene	8.00	78	389075	48.204	ug/l	99
41) Methacrylonitrile	7.13	41	56800	49.995	ug/l	96
42) 1,2-Dichloroethane	8.08	62	130440	48.130	ug/l	98
43) Isopropyl Acetate	8.12	43	197589	50.016	ug/l	99
44) Trichloroethene	8.80	130	97426	48.526	ug/l	95
45) 1,2-Dichloropropane	9.08	63	115247	49.397	ug/l	95
46) Dibromomethane	9.17	93	67885	50.367	ug/l	98
47) Bromodichloromethane	9.37	83	148111	50.173	ug/l	100
48) Methyl methacrylate	9.17	41	96058	51.391	ug/l	99
49) 1,4-Dioxane	9.17	88	21952	540.831	ug/l #	93
51) 4-Methyl-2-Pentanone	9.95	43	652417	261.276	ug/l	100
52) Toluene	10.12	92	247185	50.768	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	160884	52.701	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	176457	52.692	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	106410	51.112	ug/l	99
56) Ethyl methacrylate	10.40	69	155474	48.409	ug/l	99
57) 1,3-Dichloropropane	10.68	76	175691	50.820	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	178970	229.969	ug/l	99
59) 2-Hexanone	10.72	43	461002	264.678	ug/l	100
60) Dibromochloromethane	10.87	129	119262	51.764	ug/l	100
61) 1,2-Dibromoethane	10.98	107	103801	51.889	ug/l	99
64) Tetrachloroethene	10.60	164	85110	46.455	ug/l	99
65) Chlorobenzene	11.41	112	275092	49.145	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	109728	50.398	ug/l	100
67) Ethyl Benzene	11.48	91	486164	51.401	ug/l	100
68) m/p-Xylenes	11.60	106	373407	106.222	ug/l	99
69) o-Xylene	11.92	106	175851	52.093	ug/l	98
70) Styrene	11.94	104	319980	47.852	ug/l	99
71) Bromoform	12.10	173	89226	51.486	ug/l #	100
73) Isopropylbenzene	12.23	105	476944	50.394	ug/l	100
74) N-amyl acetate	12.05	43	183532	54.145	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	157935	51.774	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	133227m	49.594	ug/l	
77) Bromobenzene	12.50	156	130319	50.066	ug/l	99
78) n-propylbenzene	12.57	91	564816	52.358	ug/l	100
79) 2-Chlorotoluene	12.65	91	334302	49.269	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	410442	52.462	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	53250	54.441	ug/l	98
82) 4-Chlorotoluene	12.75	91	357393	51.728	ug/l	100
83) tert-Butylbenzene	12.97	119	343545	50.876	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	395765	51.925	ug/l	99
85) sec-Butylbenzene	13.15	105	457507	50.132	ug/l	99
86) p-Isopropyltoluene	13.26	119	404210	50.833	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	227287	50.809	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	225496	49.665	ug/l	99
89) n-Butylbenzene	13.59	91	312871	41.984	ug/l	99
90) Hexachloroethane	13.85	117	79032	46.761	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	216173	50.028	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	26090	54.737	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	94131	40.272	ug/l	99
94) Hexachlorobutadiene	14.98	225	62549	39.173	ug/l	99
95) Naphthalene	15.11	128	219026	40.880	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	91403	39.806	ug/l	99

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

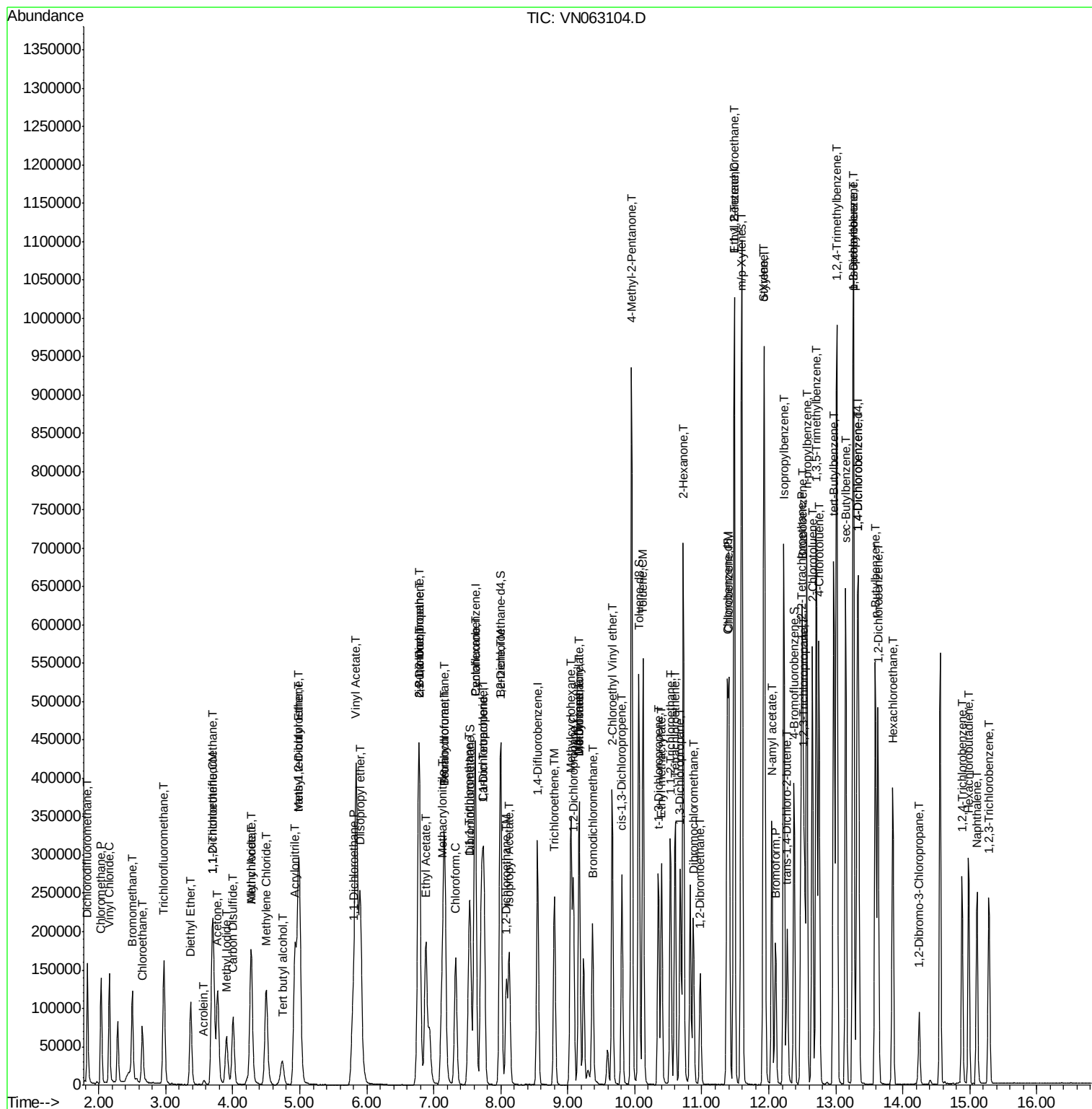
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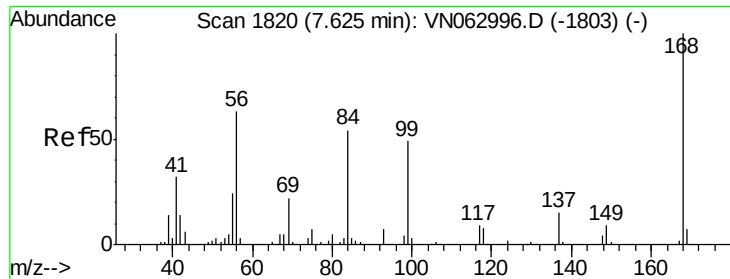
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN063104.D

Acq: 25 Aug 2020 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 198002

Ion Ratio Lower Upper

168 100

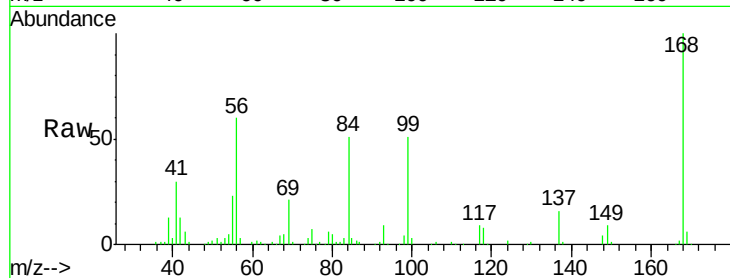
99 51.2 42.0 63.0

Manual Integrations

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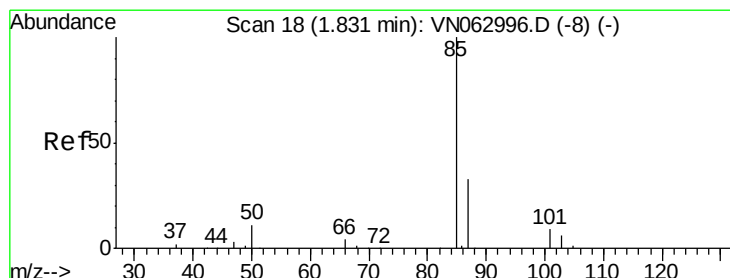
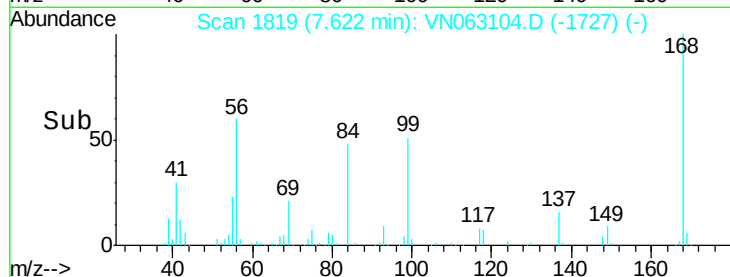


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

Time-->



#2

Dichlorodifluoromethane

Concen: 49.335 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN063104.D

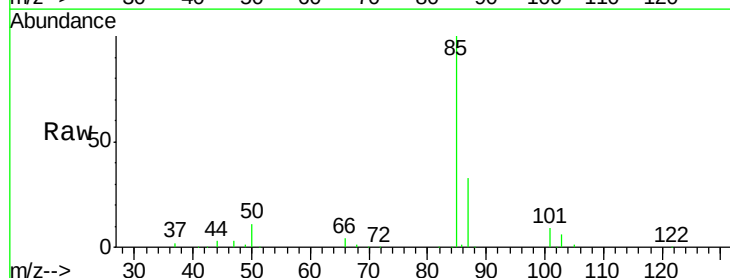
Acq: 25 Aug 2020 10:28

Tgt Ion: 85 Resp: 127614

Ion Ratio Lower Upper

85 100

87 33.2 16.4 49.4

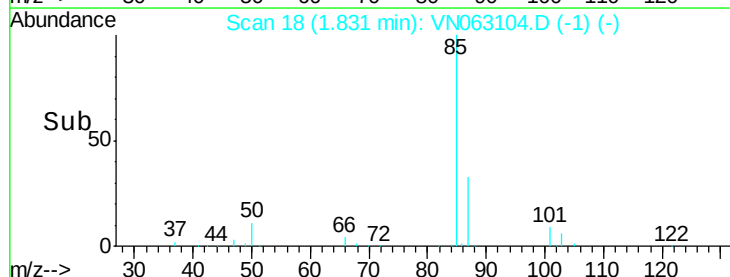


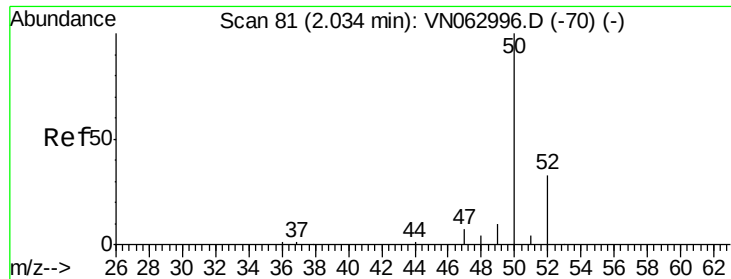
Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

Time-->





#3

Chloromethane

Concen: 49.648 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN063104.D

Acq: 25 Aug 2020 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 134787

Ion Ratio Lower Upper

50 100

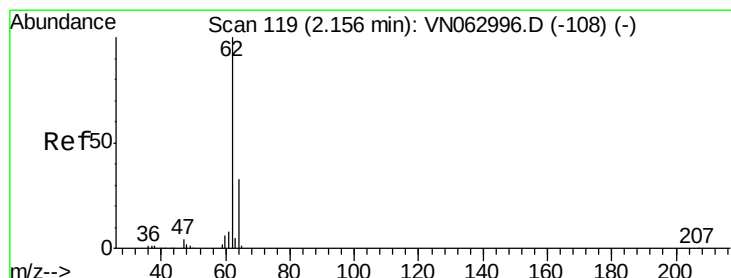
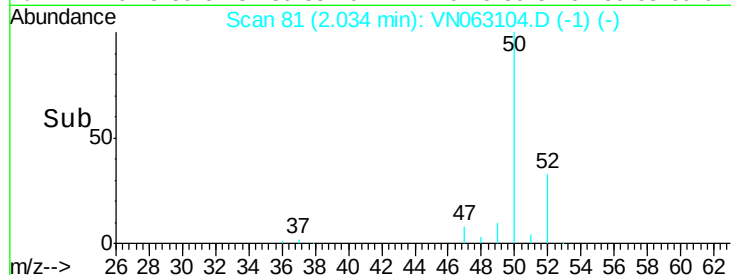
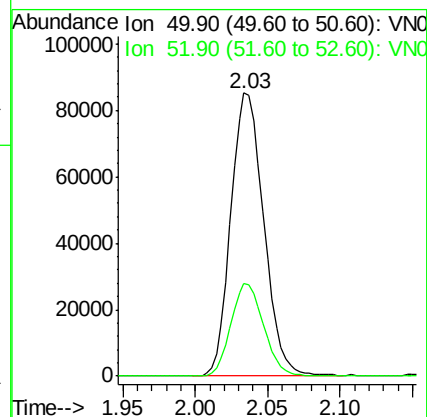
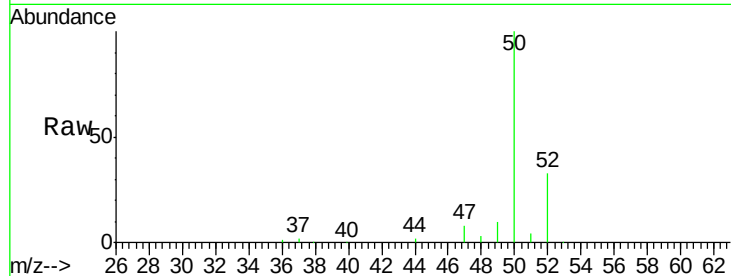
52 32.7 26.0 39.0

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#4

Vinyl Chloride

Concen: 50.351 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN063104.D

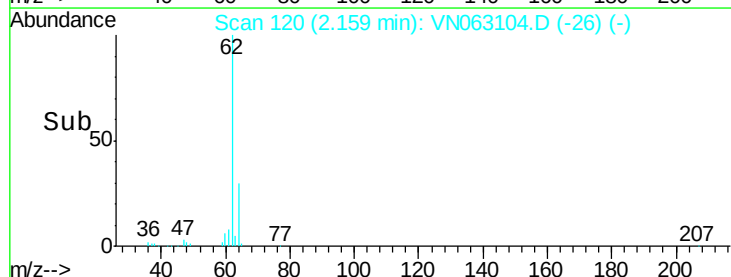
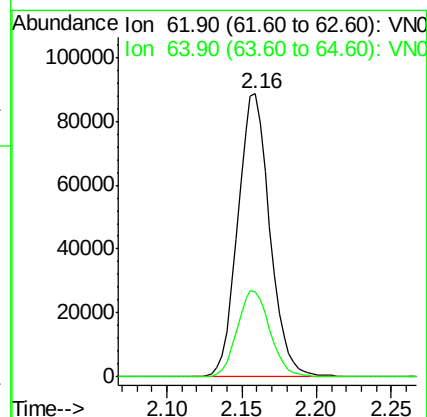
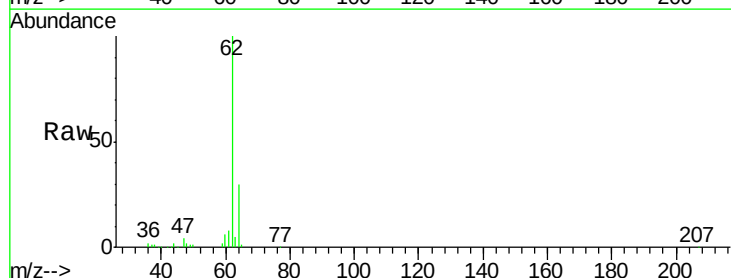
Acq: 25 Aug 2020 10:28

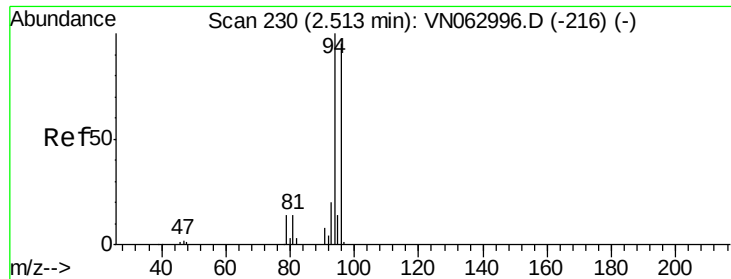
Tgt Ion: 62 Resp: 132196

Ion Ratio Lower Upper

62 100

64 30.1 26.2 39.2





#5

Bromomethane

Concen: 50.686 ug/l

RT: 2.50 min Scan# 226

Delta R.T. -0.01 min

Lab File: VN063104.D

Acq: 25 Aug 2020 10:28

Instrument :

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Tot Ion: 94 Resp: 78988

Ion Ratio Lower Upper

94 100

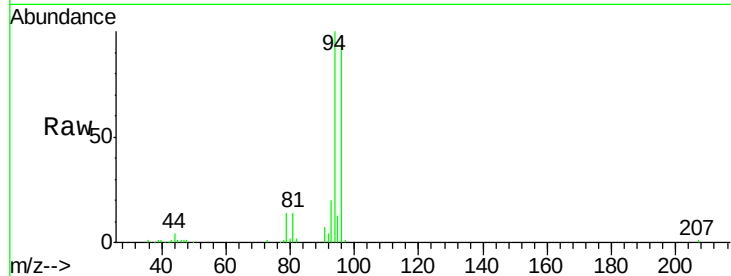
96 94.0 75.8 113.8

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.50

40000

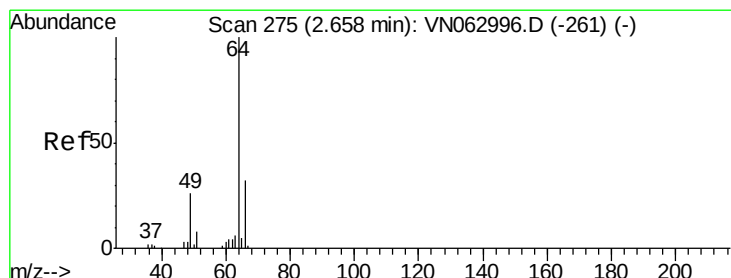
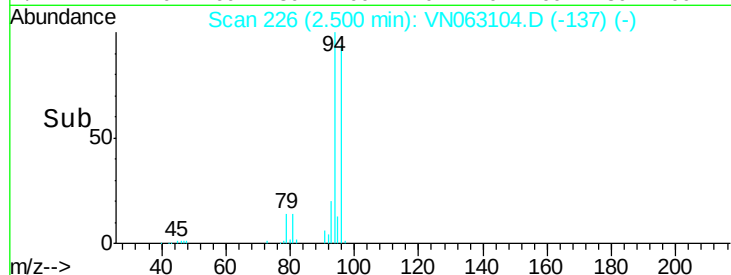
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 50.468 ug/l

RT: 2.65 min Scan# 273

Delta R.T. -0.01 min

Lab File: VN063104.D

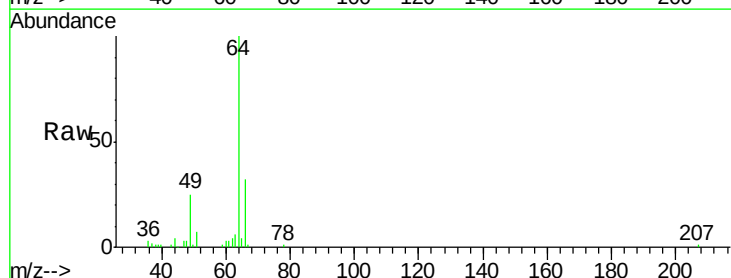
Acq: 25 Aug 2020 10:28

Tgt Ion: 64 Resp: 78232

Ion Ratio Lower Upper

64 100

66 31.8 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.65

40000

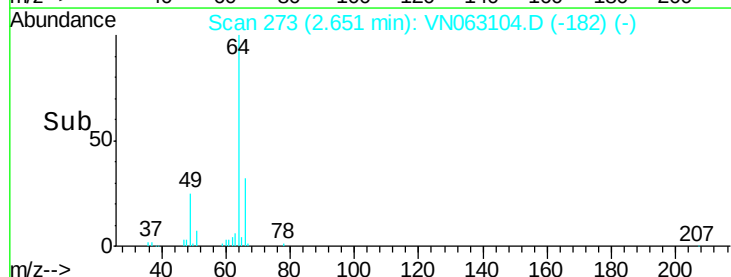
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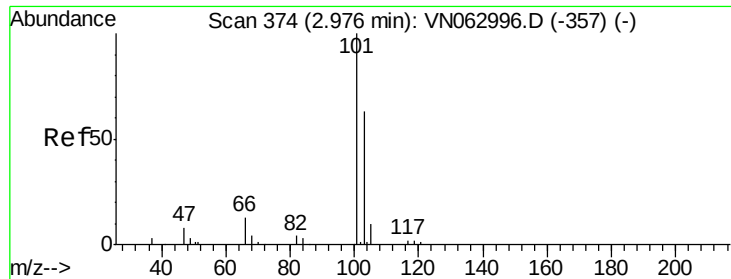
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Time-->





#7

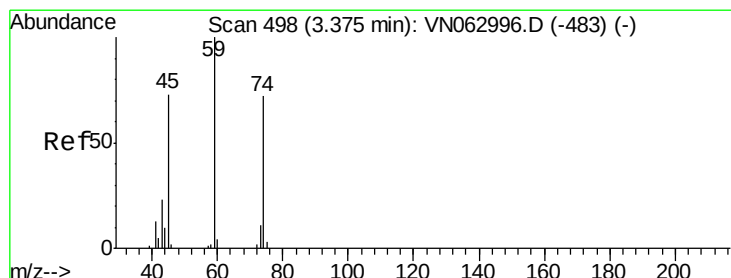
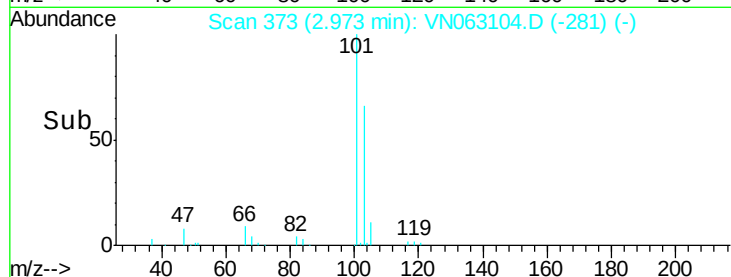
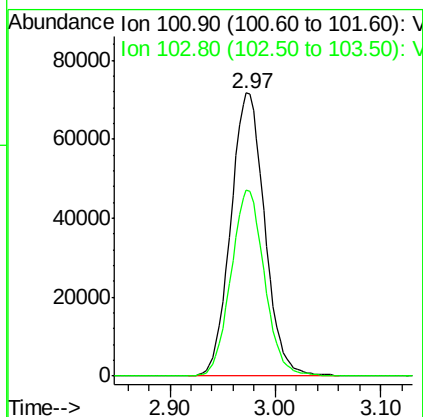
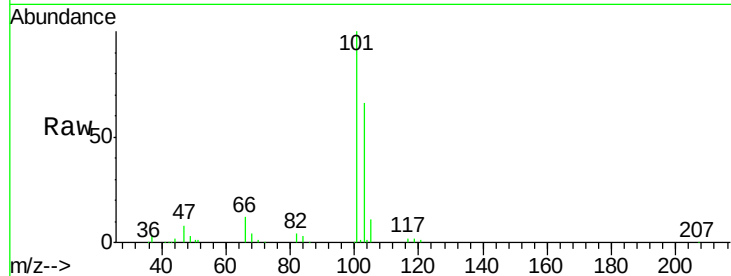
Trichlorofluoromethane
 Concen: 48.940 ug/l
 RT: 2.97 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: VN063104.D
 Acq: 25 Aug 2020 10:28

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	160238		
103	65.6	50.5	75.7	

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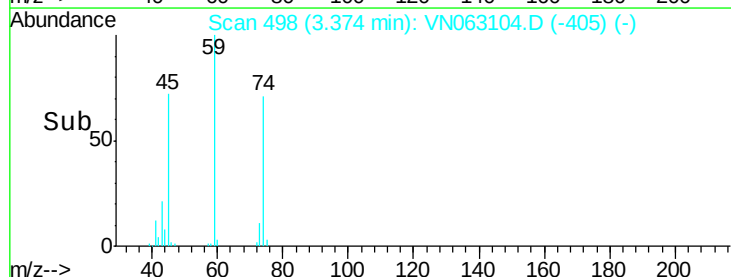
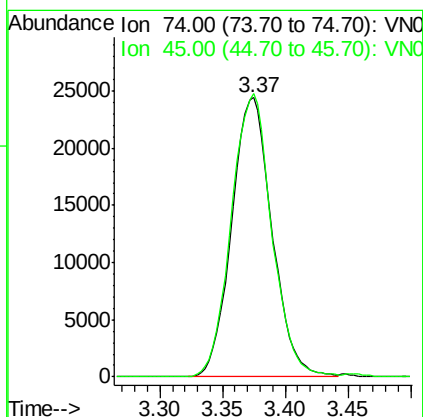
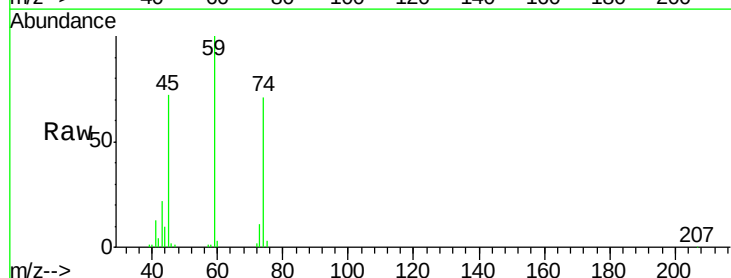
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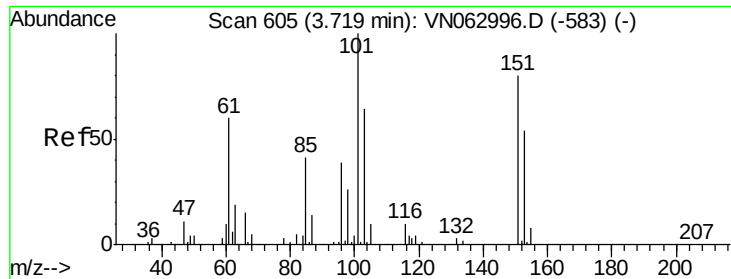


#8

Diethyl Ether
 Concen: 47.196 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: VN063104.D
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Tgt Ion	Ratio	Resp	Lower	Upper
74	100	54667		
45	101.8	49.9	149.7	





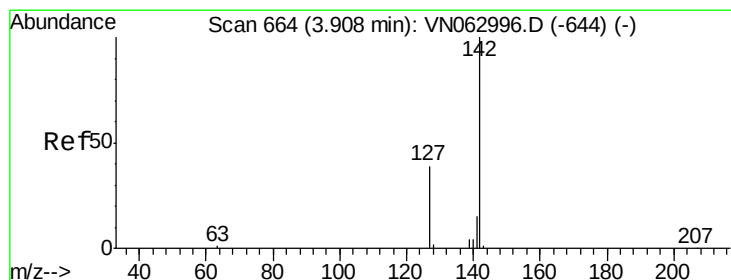
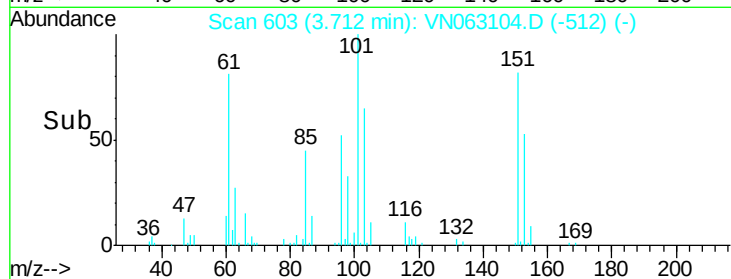
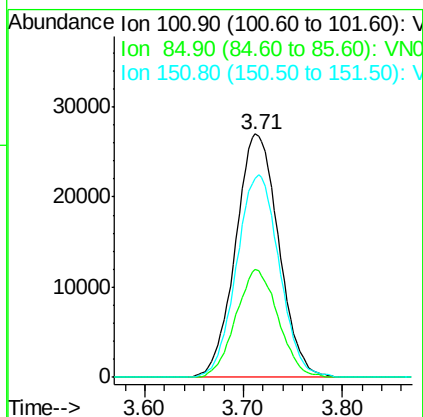
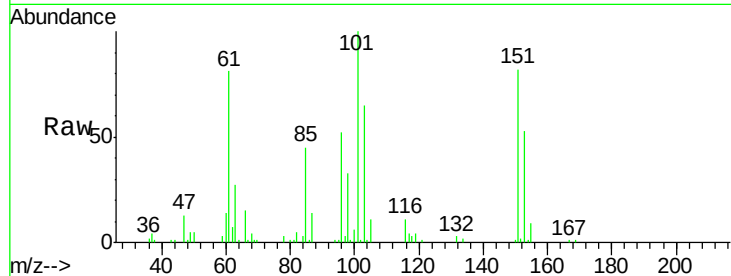
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.343 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.01 min
Lab File: VN063104.D
Acq: 25 Aug 2020 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	81764		
85	43.4	34.0	51.0	
151	82.5	65.8	98.8	

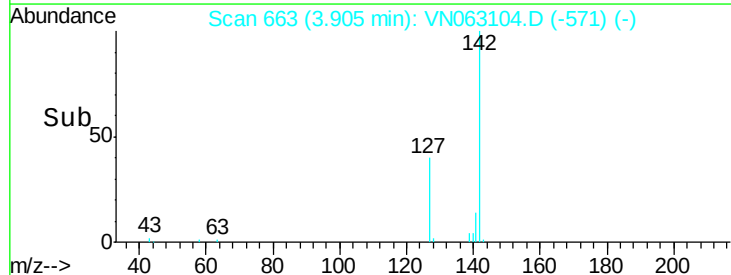
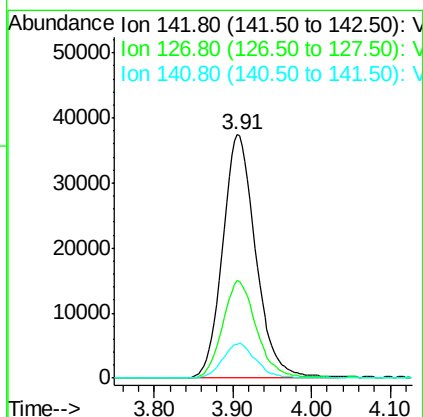
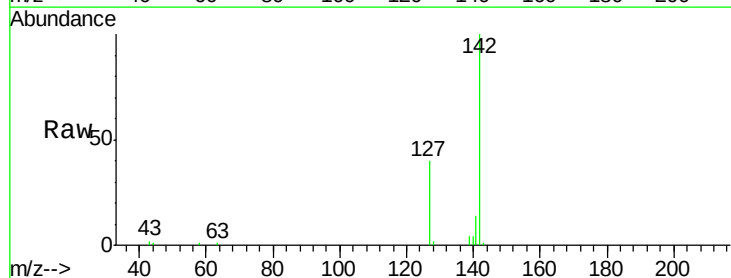
Manual Integrations
APPROVED

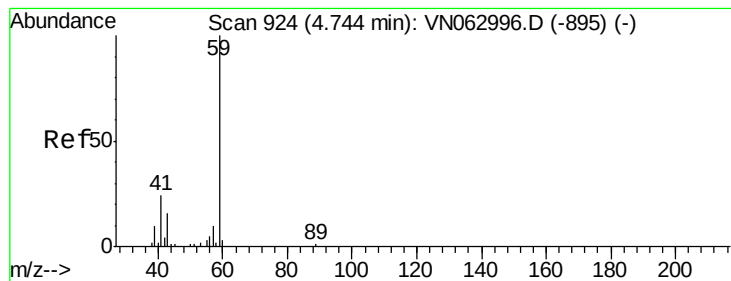
MMDadoda
8/26/2020 11:26:33 AM



#10
Methyl Iodide
Concen: 48.693 ug/l
RT: 3.91 min Scan# 663
Delta R.T. -0.00 min
Lab File: VN063104.D
Acq: 25 Aug 2020 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	108894		
127	40.8	32.2	48.4	
141	14.1	11.3	16.9	





#11

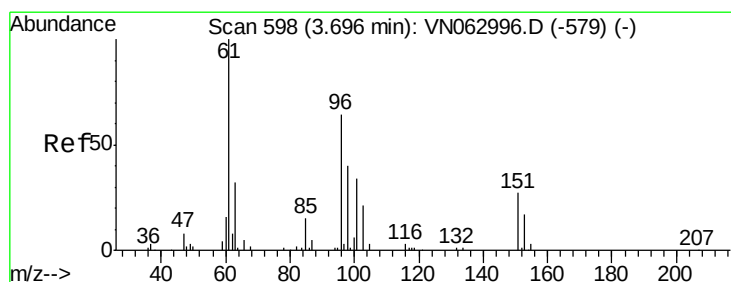
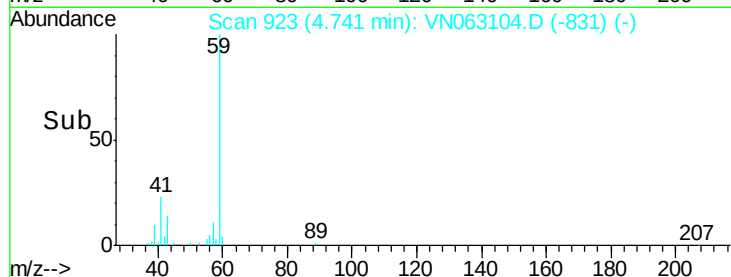
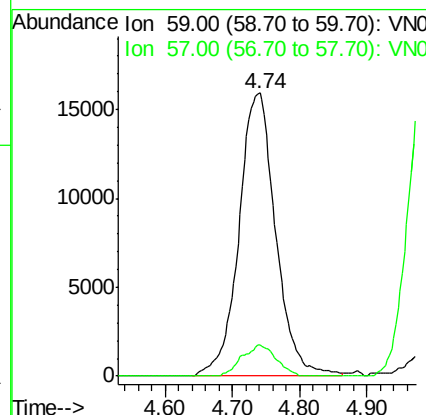
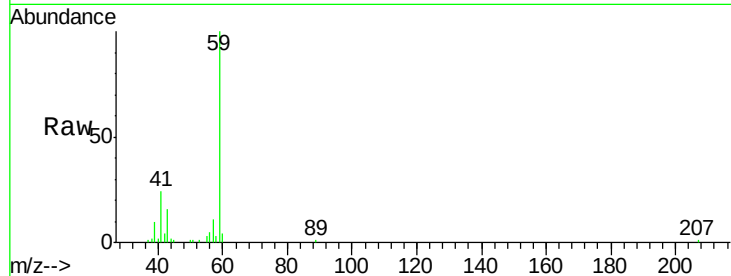
Tert butyl alcohol
 Concen: 181.457 ug/l
 RT: 4.74 min Scan# 923
 Delta R.T. -0.00 min
 Lab File: VN063104.D
 Acq: 25 Aug 2020 10:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	59	Resp	60316
Ion Ratio	100	Lower	Upper
57	10.2	7.8	11.6

Manual Integrations
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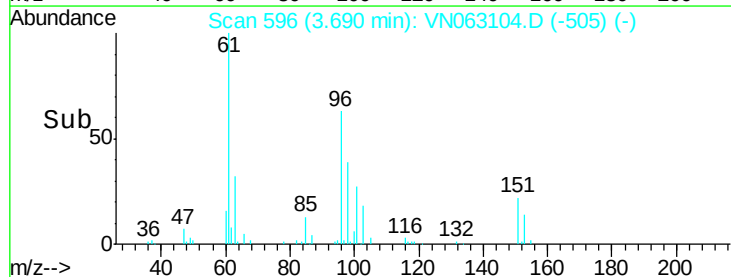
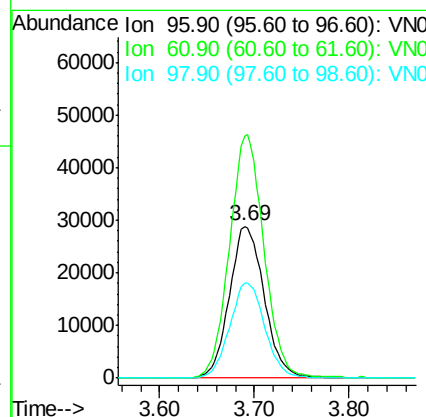
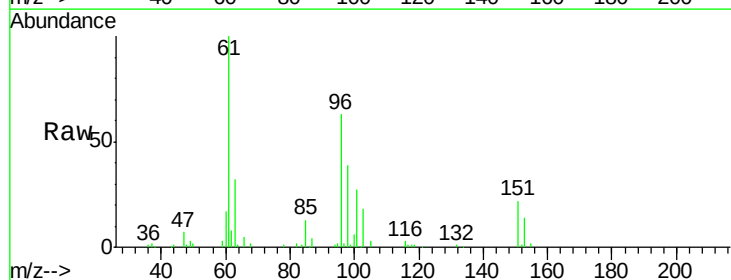
MMDadoda
 8/26/2020 11:26:33 AM

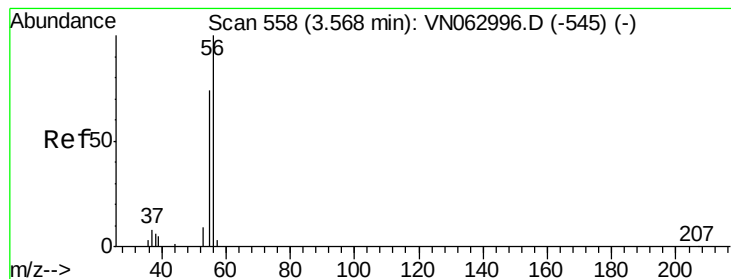


#12

1,1-Dichloroethene
 Concen: 43.948 ug/l
 RT: 3.69 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: VN063104.D
 Acq: 25 Aug 2020 10:28

Tgt Ion	96	Resp	73864
Ion Ratio	100	Lower	Upper
61	159.5	125.5	188.3
98	62.9	50.4	75.6





#13

Acrolein

Concen: 66.003 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN063104.D

Acq: 25 Aug 2020 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 6873

Ion Ratio Lower Upper

56 100

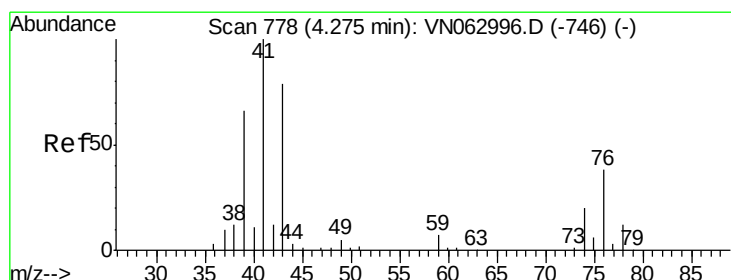
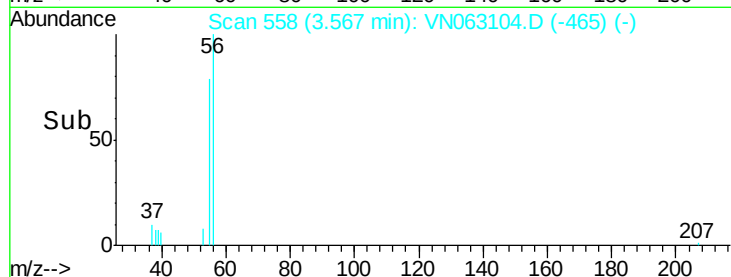
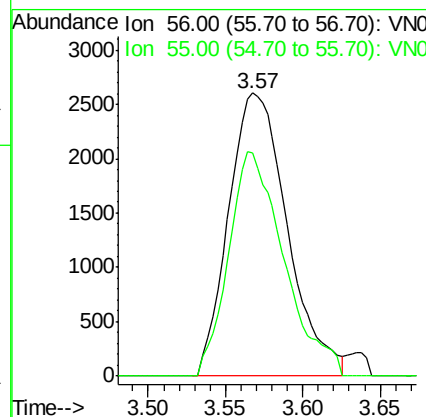
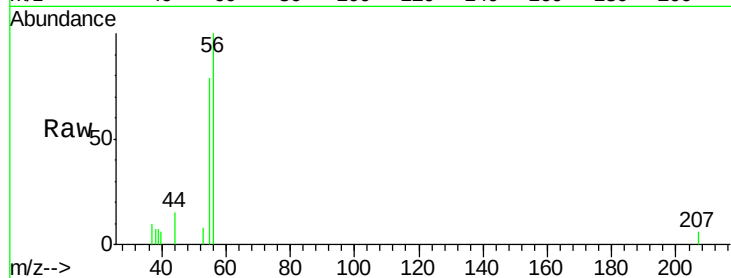
55 74.5 58.4 87.6

Manual Integrations

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MMDadoda

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#14

Allyl chloride

Concen: 46.598 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN063104.D

Acq: 25 Aug 2020 10:28

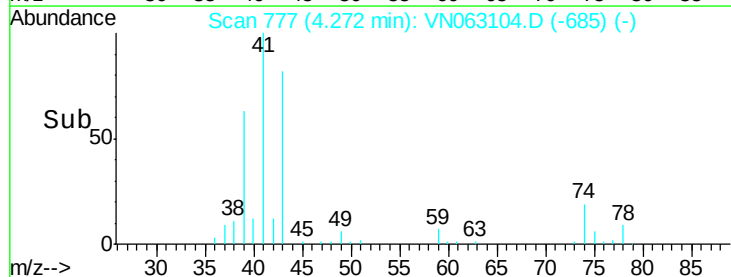
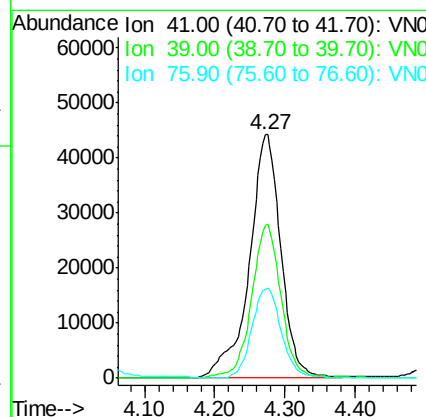
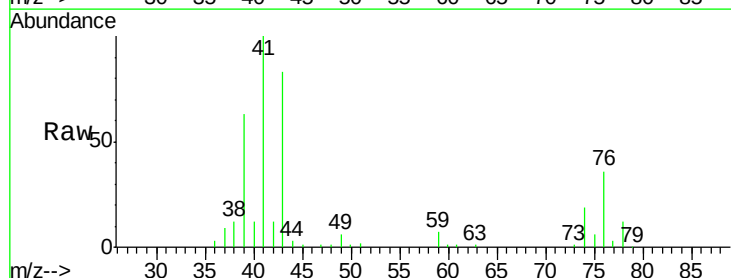
Tgt Ion: 41 Resp: 138090

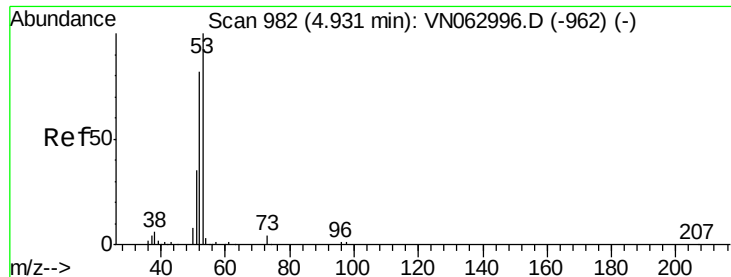
Ion Ratio Lower Upper

41 100

39 58.8 47.9 71.9

76 34.3 27.0 40.6





#15

Acrylonitrile

Concen: 249.277 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN063104.D

Acq: 25 Aug 2020 10:28

Instrument :

MSVOA_N

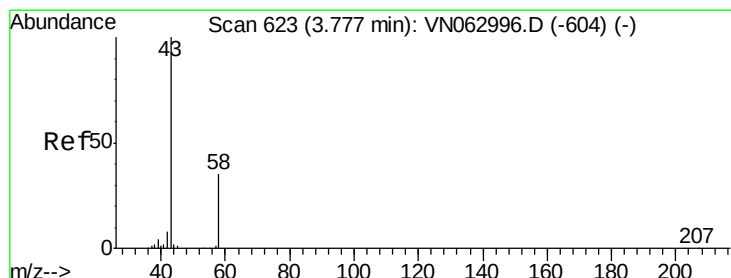
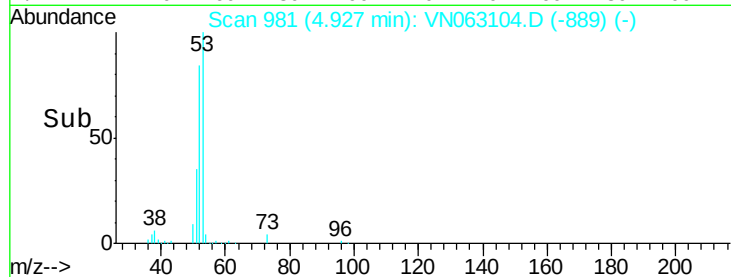
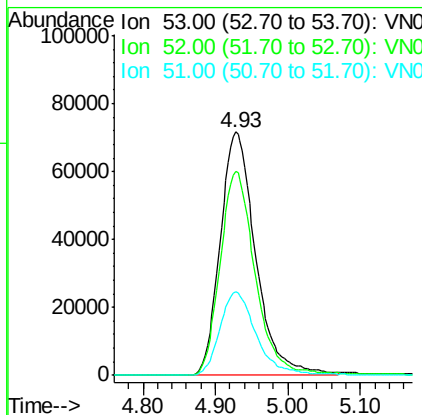
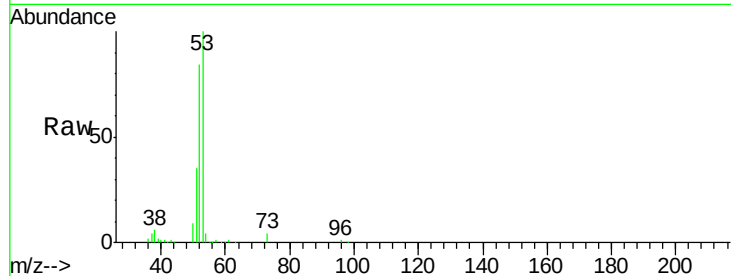
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	243539
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.6	98.4
51	35.2	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 269.121 ug/l

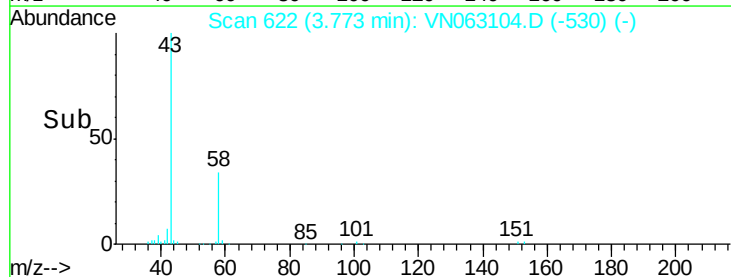
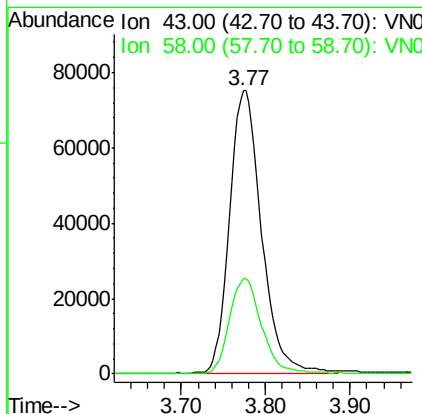
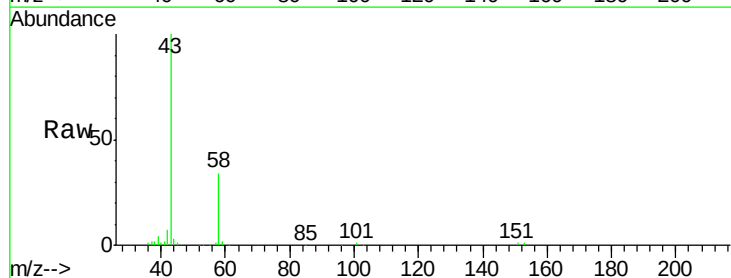
RT: 3.77 min Scan# 622

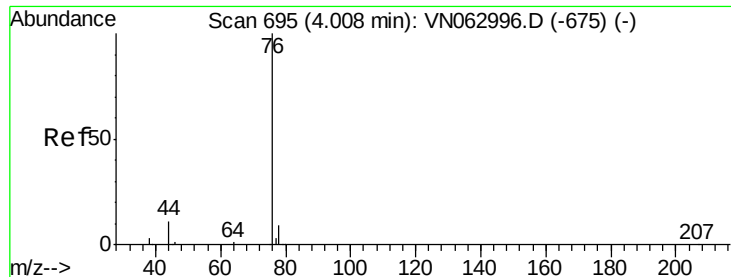
Delta R.T. -0.00 min

Lab File: VN063104.D

Acq: 25 Aug 2020 10:28

Tgt Ion:	43	Resp:	196720
Ion	Ratio	Lower	Upper
43	100		
58	33.8	27.8	41.6





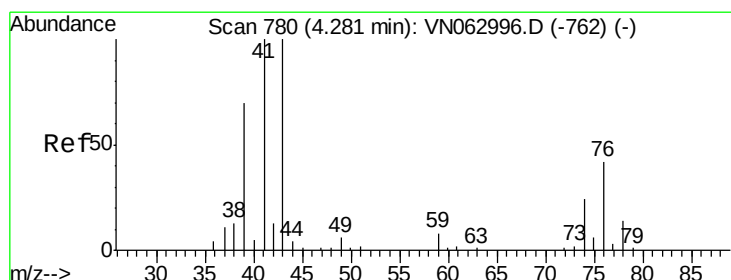
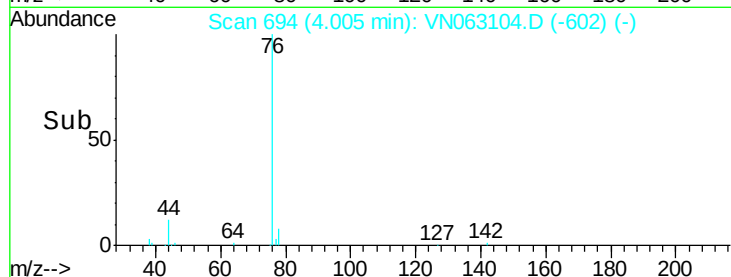
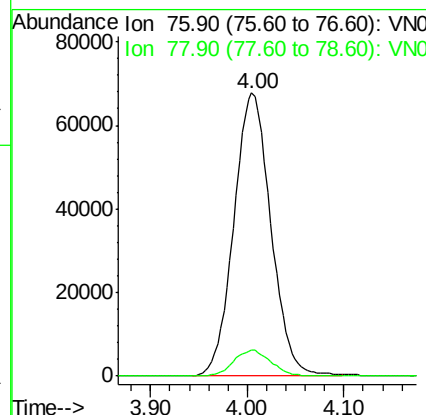
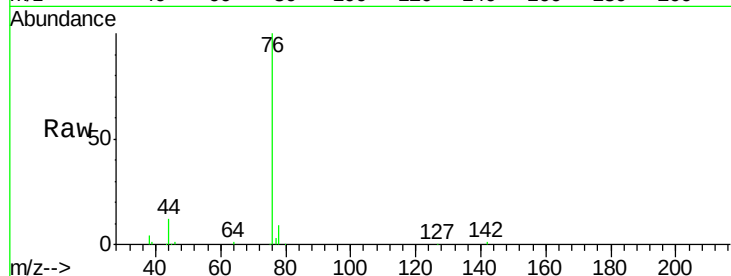
#17
Carbon Disulfide
Concen: 41.002 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN063104.D
Acq: 25 Aug 2020 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	6.9	10.3

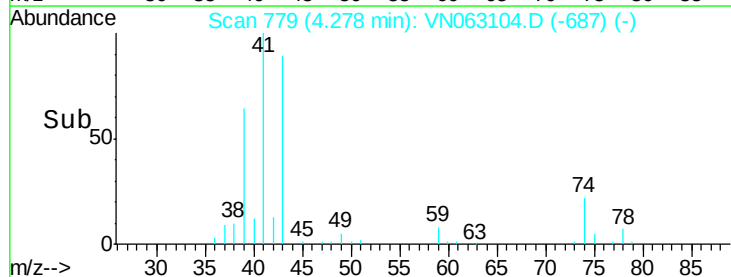
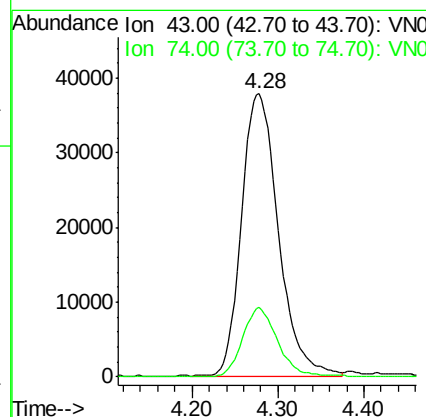
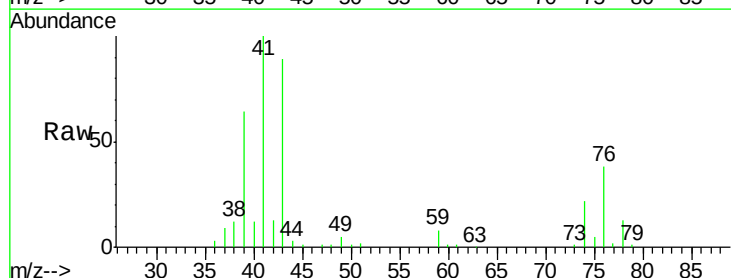
Manual Integrations
APPROVED

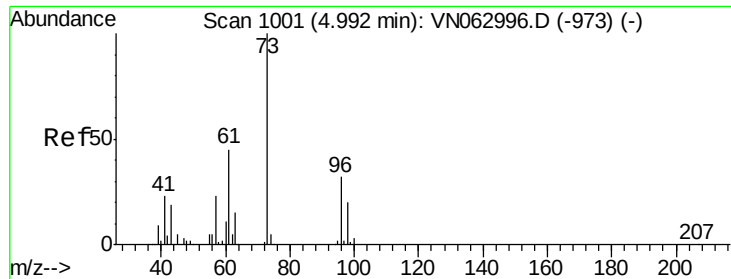
MMDadoda
8/26/2020 11:26:33 AM



#18
Methyl Acetate
Concen: 48.768 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN063104.D
Acq: 25 Aug 2020 10:28

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	18.6	28.0





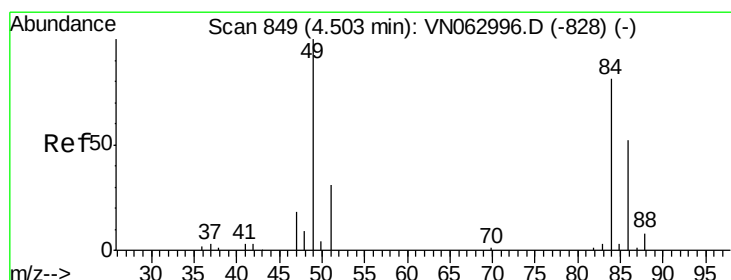
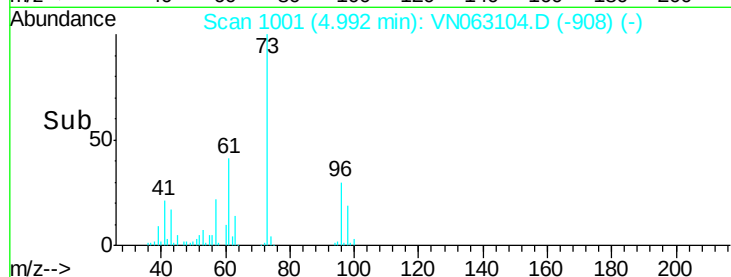
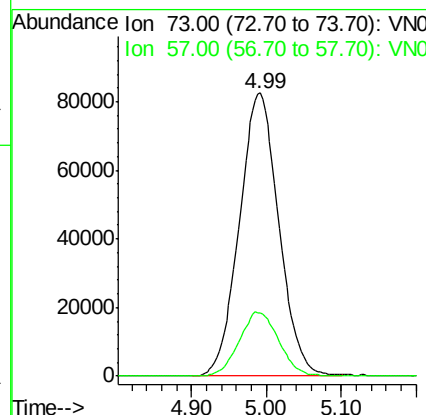
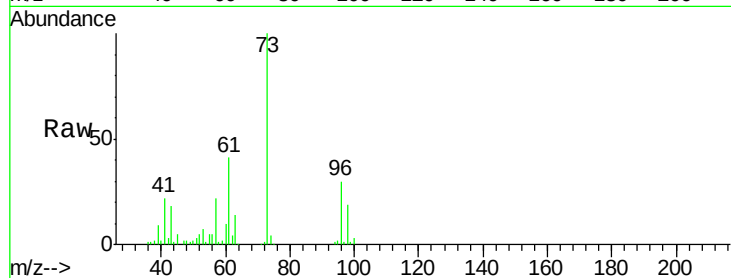
#19
Methyl tert-butyl Ether
Concen: 51.597 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN063104.D
Acq: 25 Aug 2020 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 302430
Ion Ratio Lower Upper
73 100
57 22.3 18.1 27.1

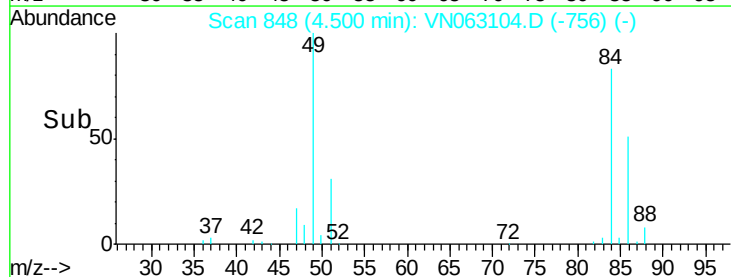
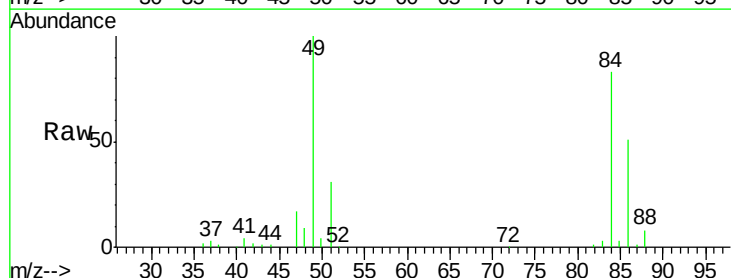
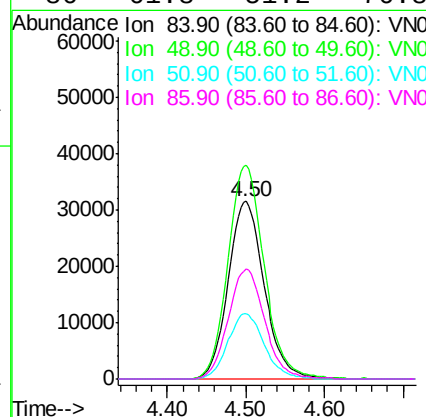
Manual Integrations
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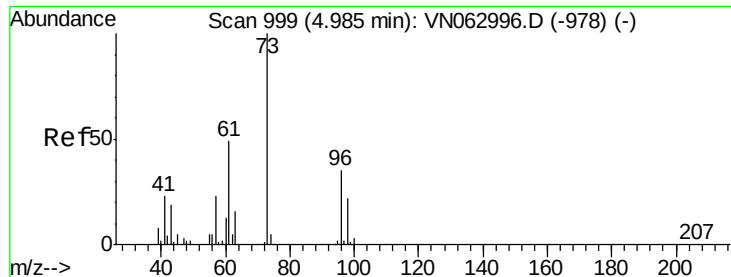
MMDadoda
8/26/2020 11:26:33 AM



#20
Methylene Chloride
Concen: 48.604 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN063104.D
Acq: 25 Aug 2020 10:28

Tgt Ion: 84 Resp: 100638
Ion Ratio Lower Upper
84 100
49 120.4 98.7 148.1
51 37.1 30.8 46.2
86 61.8 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 46.834 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN063104.D

Acq: 25 Aug 2020 10:28

Instrument :

MSVOA_N

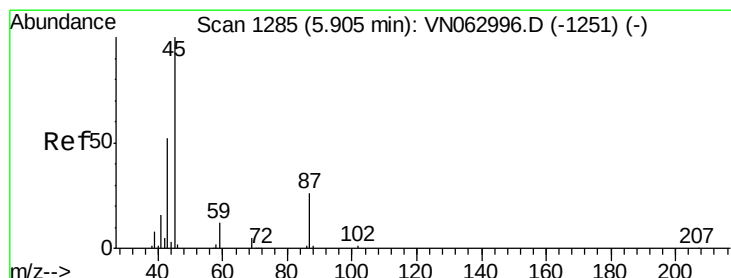
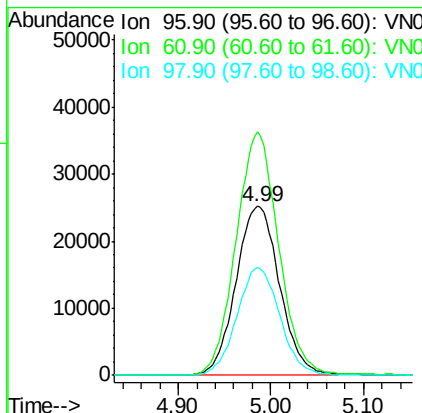
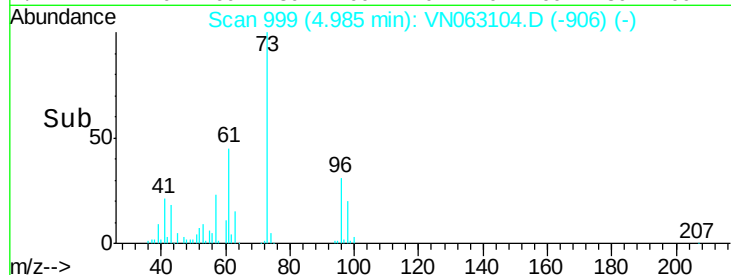
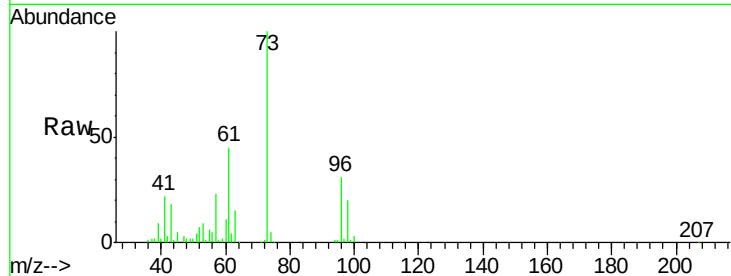
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	82376
Ion	Ratio	Lower	Upper
96	100		
61	144.2	112.5	168.7
98	63.9	49.4	74.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.309 ug/l

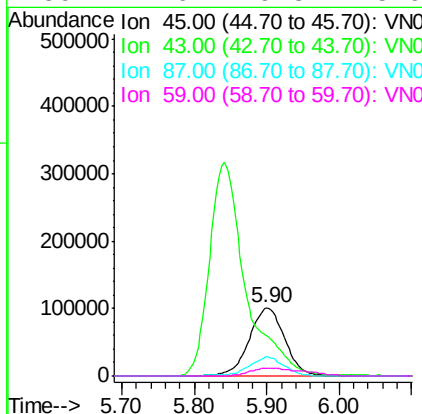
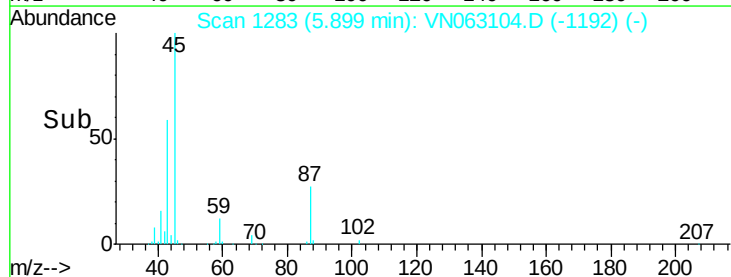
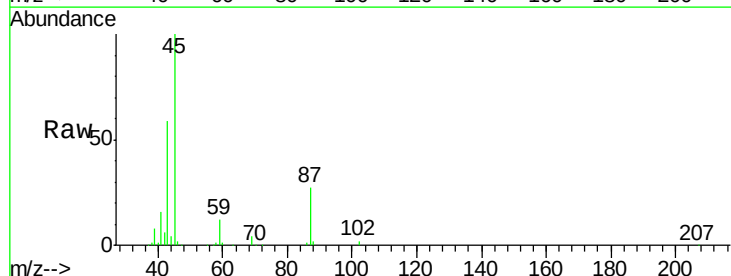
RT: 5.90 min Scan# 1283

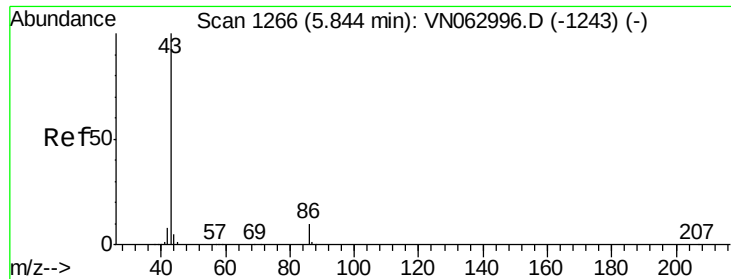
Delta R.T. -0.01 min

Lab File: VN063104.D

Acq: 25 Aug 2020 10:28

Tgt Ion:	45	Resp:	345040
Ion	Ratio	Lower	Upper
45	100		
43	57.6	45.7	68.5
87	27.5	21.8	32.6
59	11.6	9.3	13.9





#23

Vinyl Acetate

Concen: 241.916 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN063104.D

Acq: 25 Aug 2020 10:28

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 1097799

Ion Ratio Lower Upper

43 100

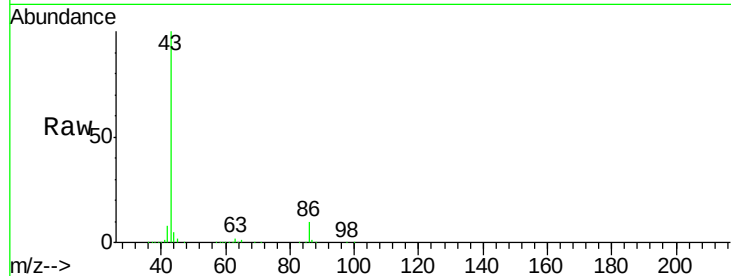
86 10.5 8.0 12.0

Manual Integrations

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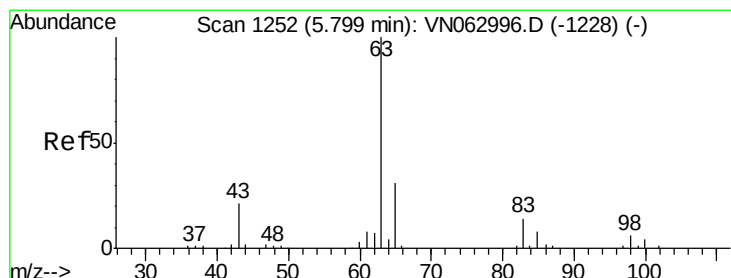
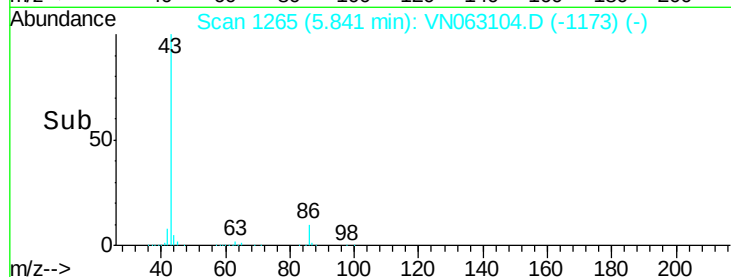
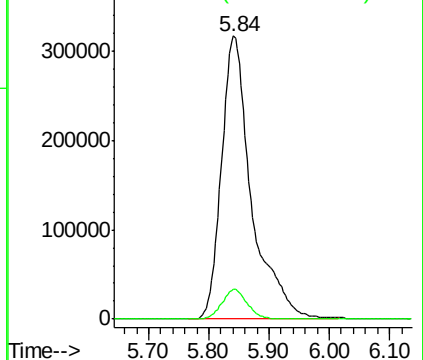
MMDadoda

8/26/2020 11:26:33 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 47.774 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN063104.D

Acq: 25 Aug 2020 10:28

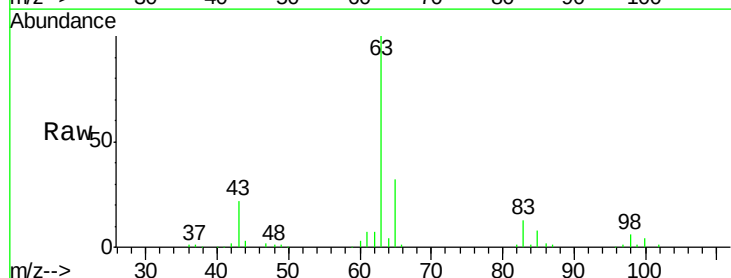
Tgt Ion: 63 Resp: 179526

Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.7

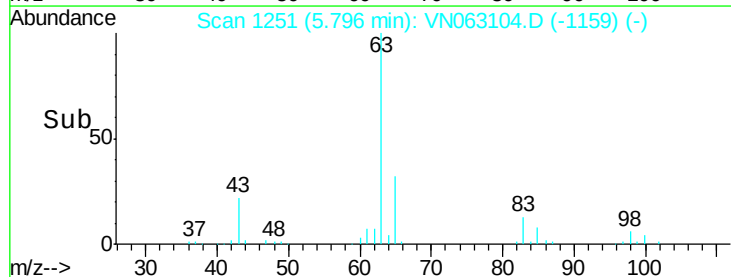
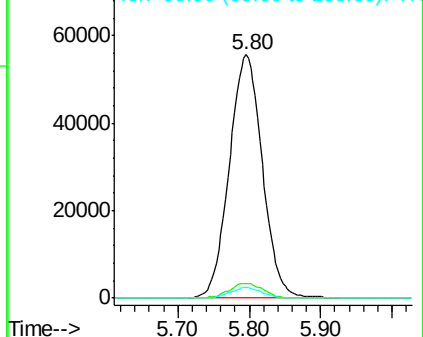
100 4.3 2.0 5.8

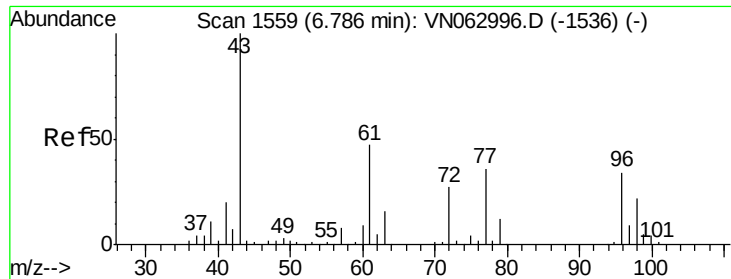


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





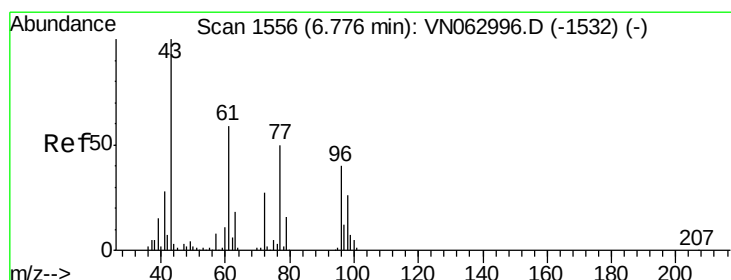
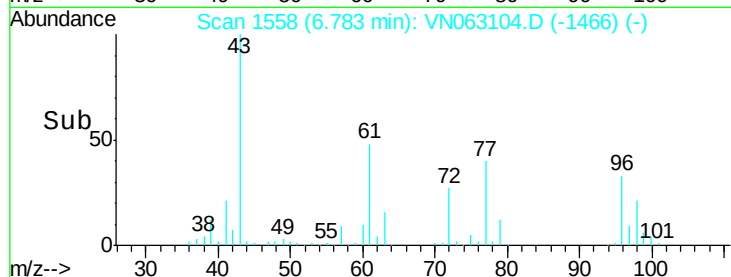
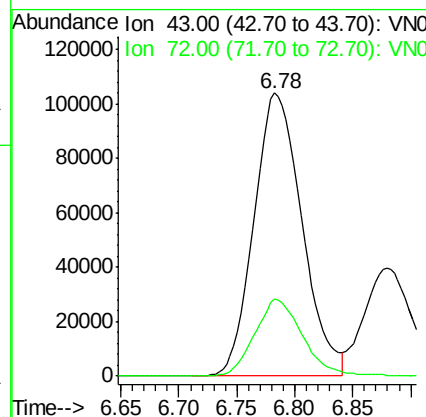
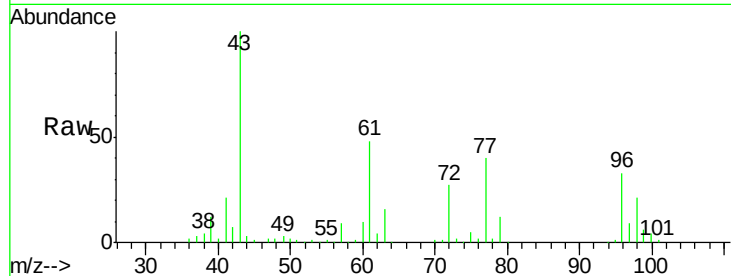
#25
 2-Butanone
 Concen: 240.835 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VN063104.D
 Acq: 25 Aug 2020 10:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 300048
 Ion Ratio Lower Upper
 43 100
 72 27.1 21.8 32.6

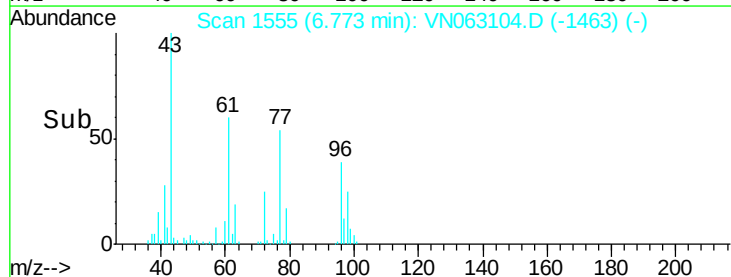
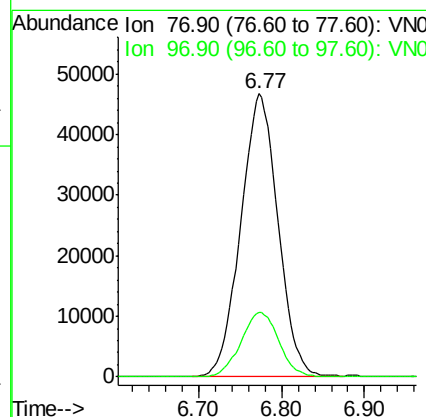
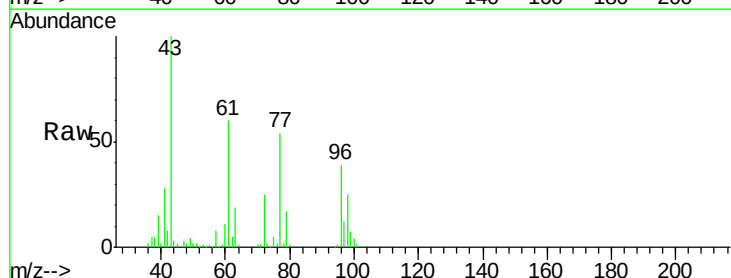
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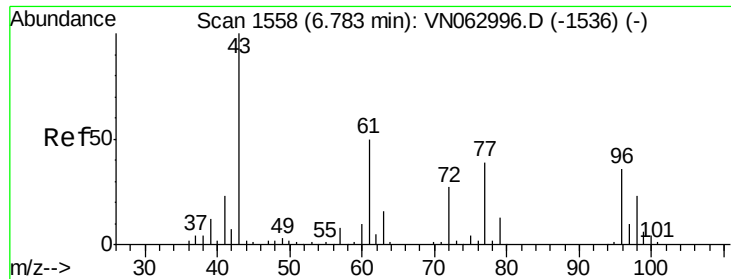
MMDadoda
 8/26/2020 11:26:33 AM



#26
 2,2-Dichloropropane
 Concen: 49.322 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: VN063104.D
 Acq: 25 Aug 2020 10:28

Tgt Ion: 77 Resp: 145762
 Ion Ratio Lower Upper
 77 100
 97 23.2 11.7 35.1





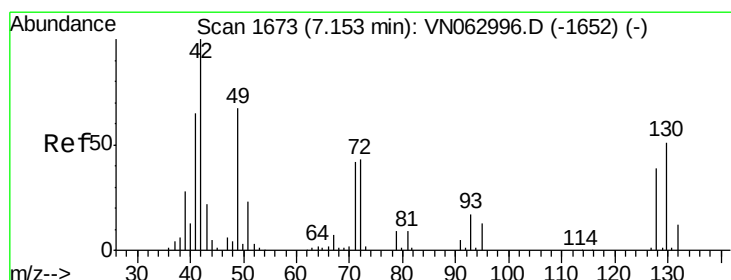
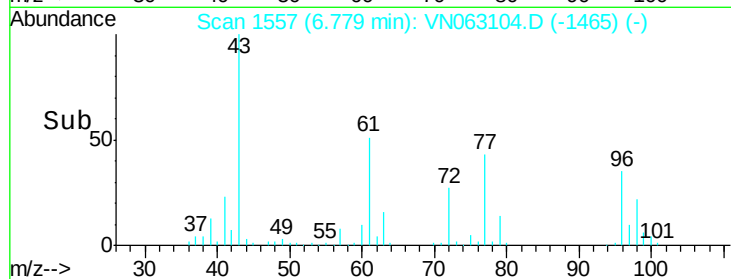
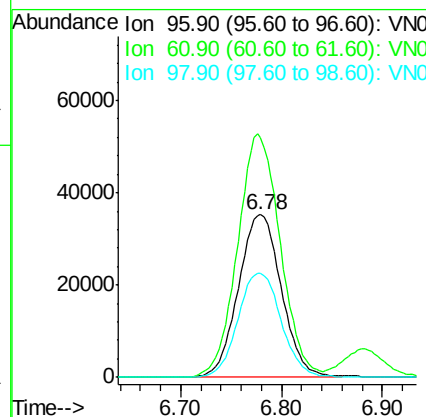
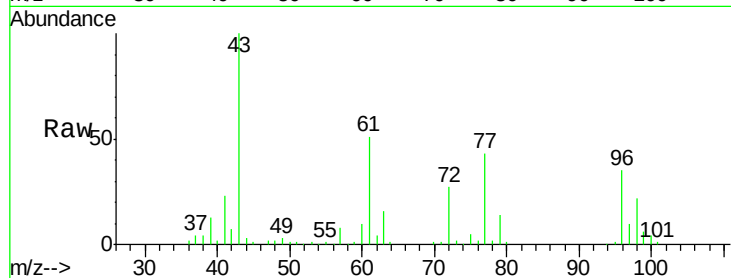
#27
 cis-1,2-Dichloroethene
 Concen: 47.189 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN063104.D
 Acq: 25 Aug 2020 10:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	148.5	0.0	292.8	
98	64.5	0.0	130.6	

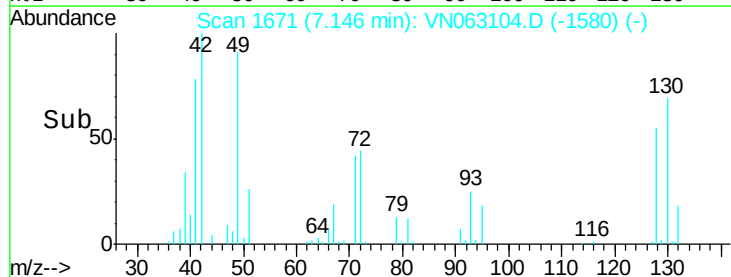
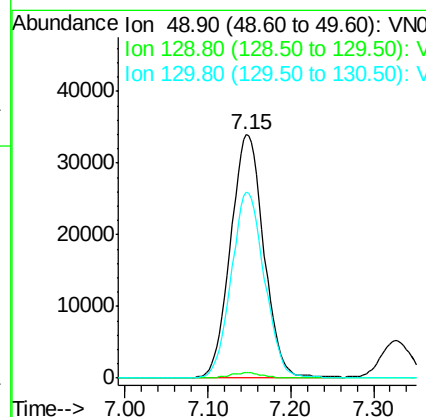
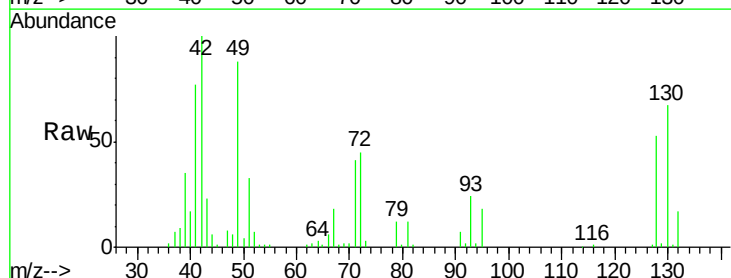
Manual Integrations
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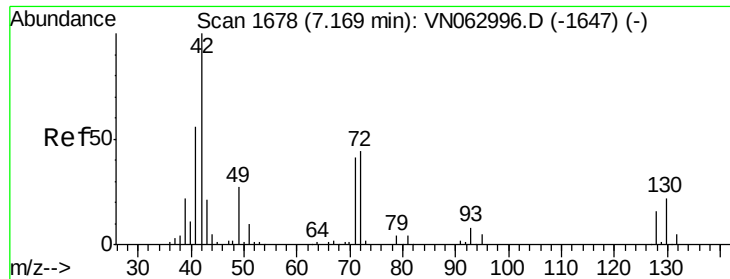
MMDadoda
 8/26/2020 11:26:33 AM



#28
 Bromochloromethane
 Concen: 48.296 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: VN063104.D
 Acq: 25 Aug 2020 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.0	0.0	3.6	
130	76.2	61.1	91.7	





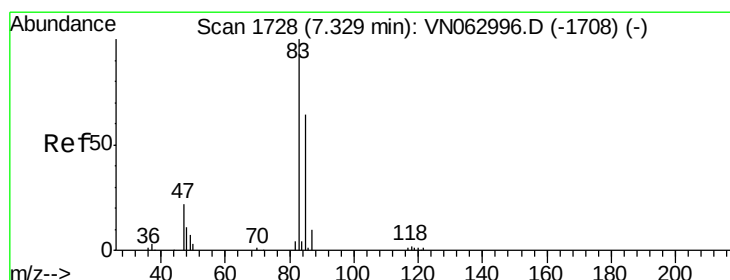
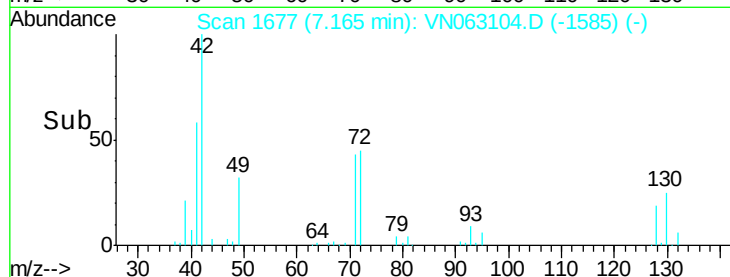
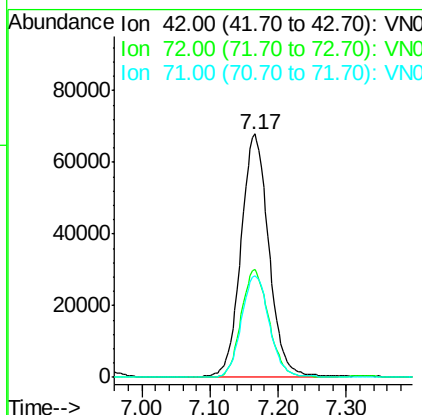
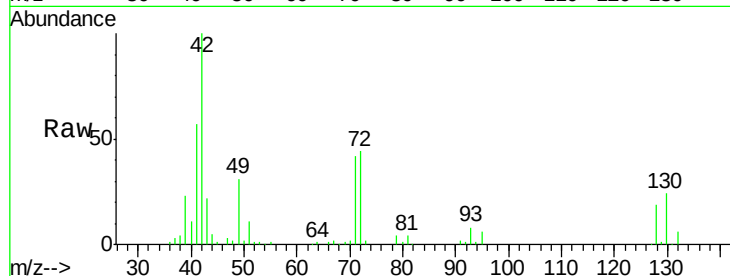
#29
Tetrahydrofuran
Concen: 240.732 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN063104.D
Acq: 25 Aug 2020 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.9	34.6	52.0
71	41.9	32.3	48.5

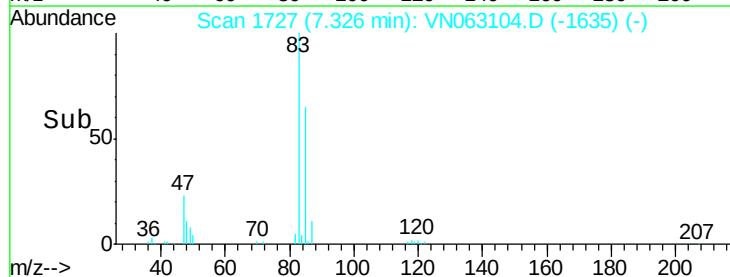
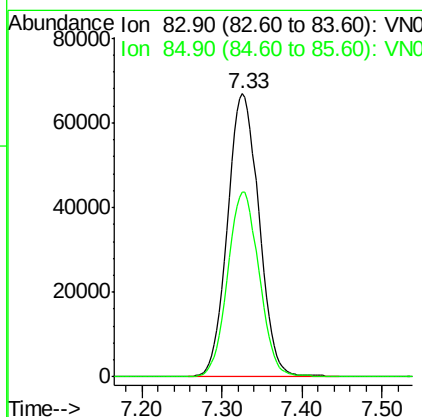
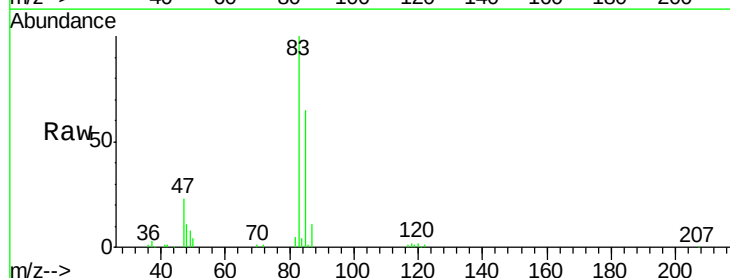
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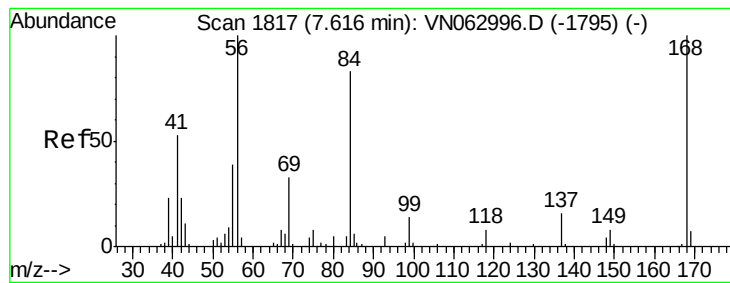
MMDadoda
8/26/2020 11:26:33 AM



#30
Chloroform
Concen: 47.481 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN063104.D
Acq: 25 Aug 2020 10:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.5	77.3





#31

Cyclohexane

Concen: 44.867 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN063104.D

Acq: 25 Aug 2020 10:28

Instrument :

MSVOA_N

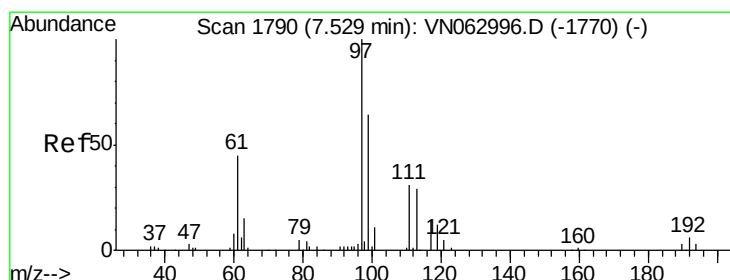
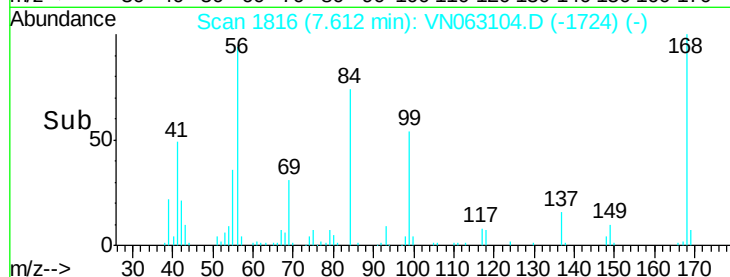
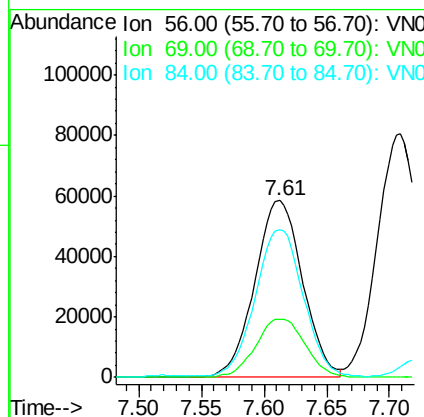
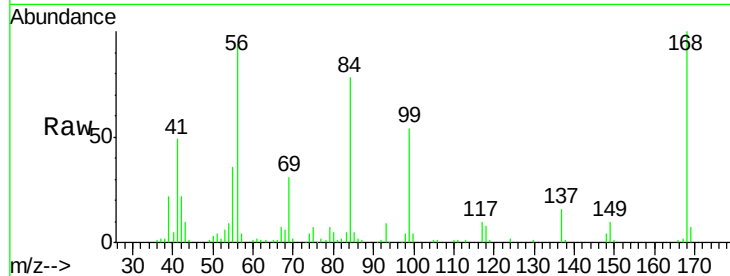
ClientSampled :

VSTDCCC050

Tot Ion:	56	Resp:	155182
Ion Ratio	Lower	Upper	
56	100		
69	32.9	26.6	40.0
84	82.4	66.4	99.6

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#32

1,1,1-Trichloroethane

Concen: 47.055 ug/l

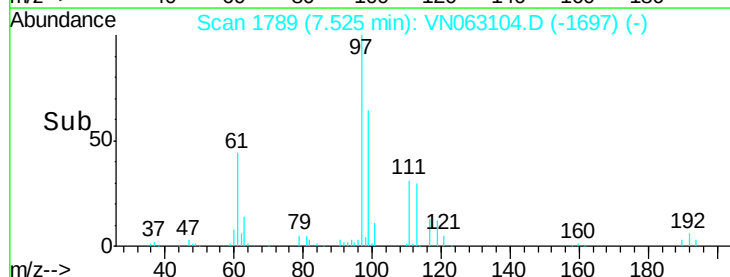
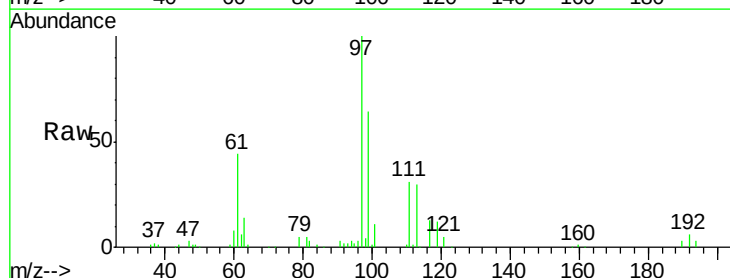
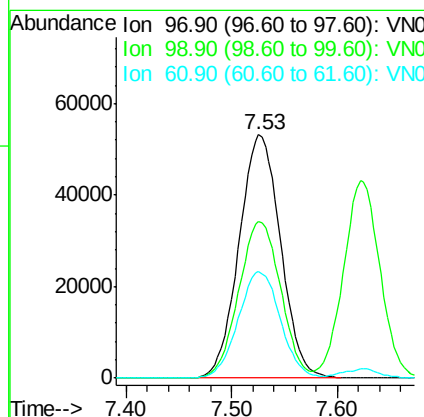
RT: 7.53 min Scan# 1789

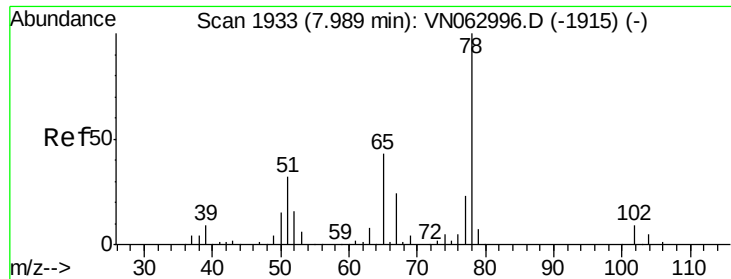
Delta R.T. -0.00 min

Lab File: VN063104.D

Acq: 25 Aug 2020 10:28

Tgt Ion:	97	Resp:	145388
Ion Ratio	Lower	Upper	
97	100		
99	65.1	52.0	78.0
61	44.5	36.2	54.4





#33

1,2-Dichloroethane-d4

Concen: 48.804 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN063104.D

Acq: 25 Aug 2020 10:28

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 65 Resp: 114527

Ion Ratio Lower Upper

65 100

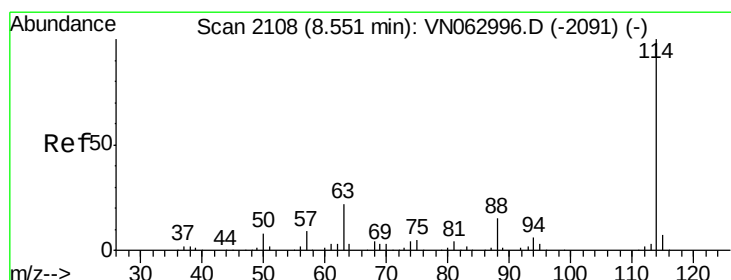
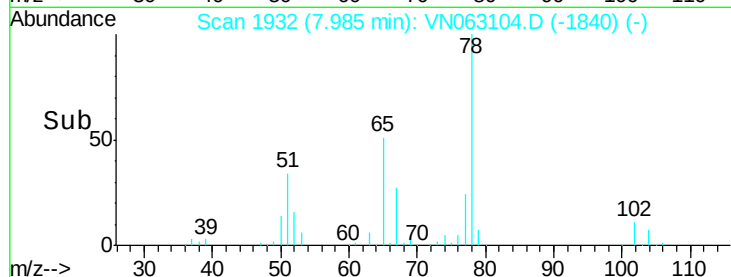
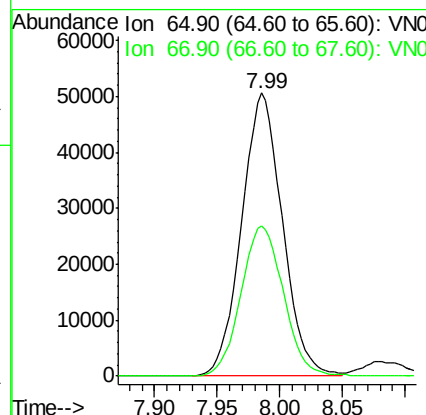
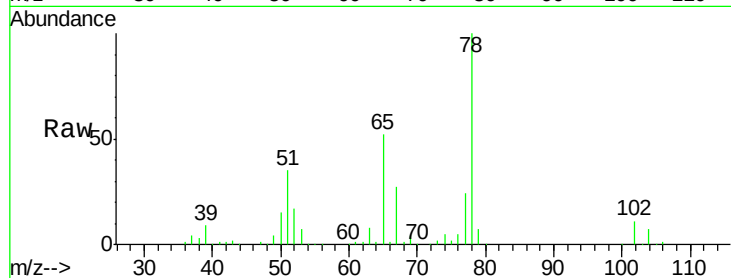
67 55.3 0.0 112.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN063104.D

Acq: 25 Aug 2020 10:28

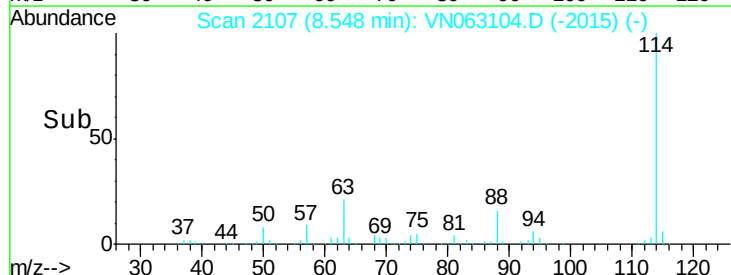
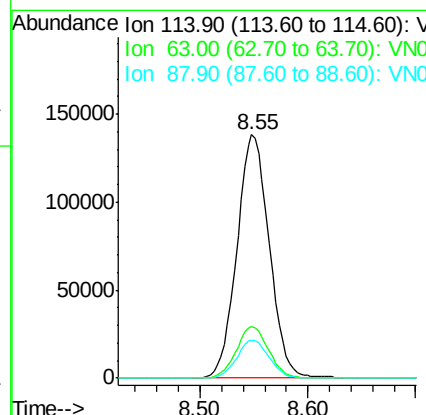
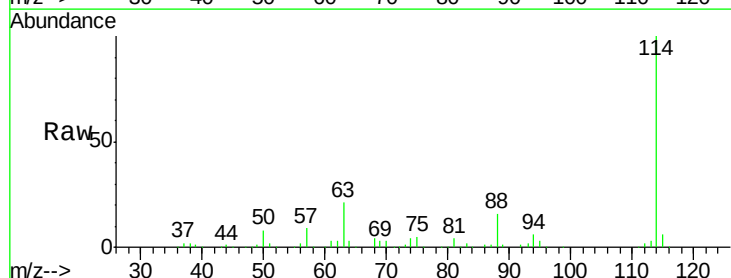
Tgt Ion: 114 Resp: 288776

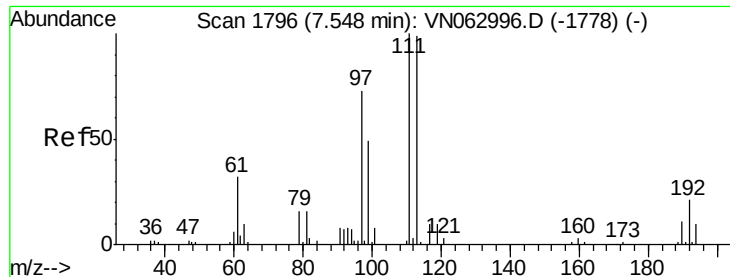
Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.2

88 15.7 0.0 30.6





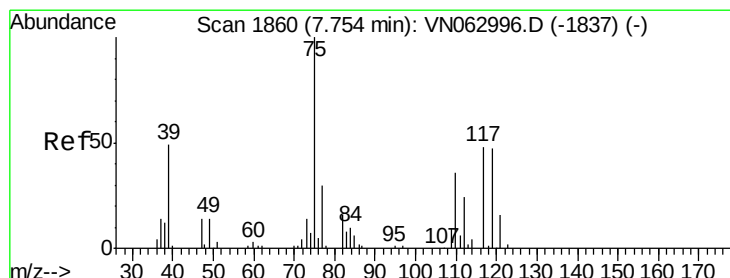
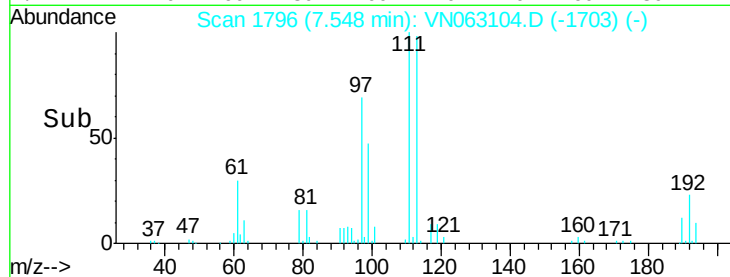
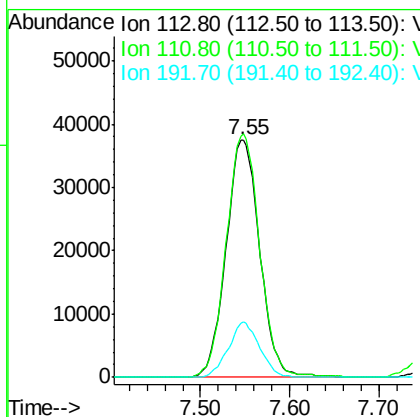
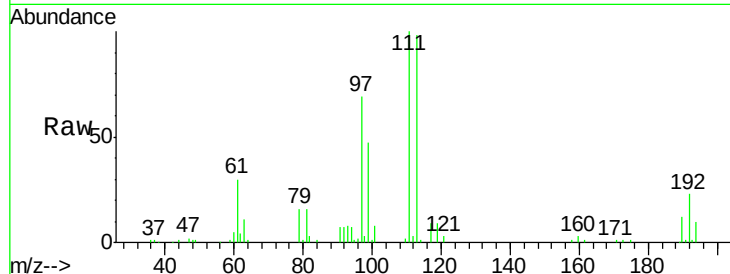
#35
 Dibromofluoromethane
 Concen: 51.962 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN063104.D
 Acq: 25 Aug 2020 10:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.7	122.5
192	21.7	17.5	26.3

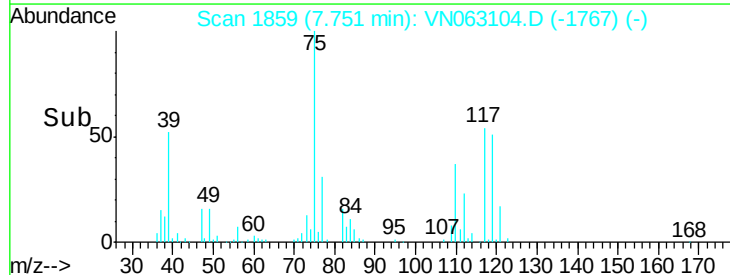
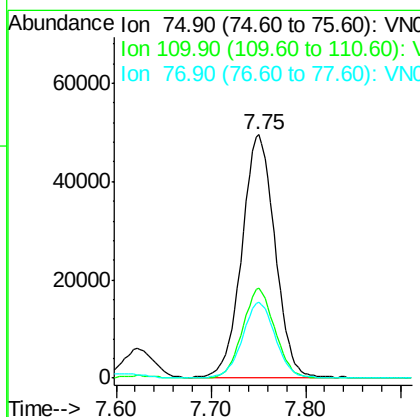
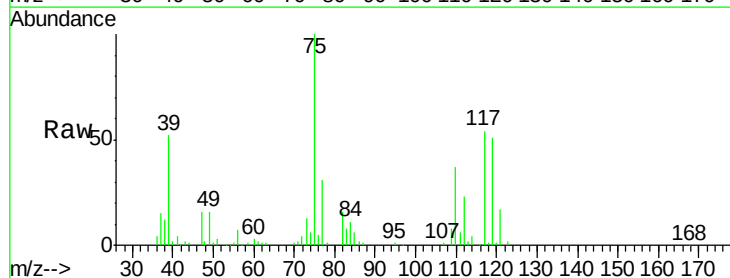
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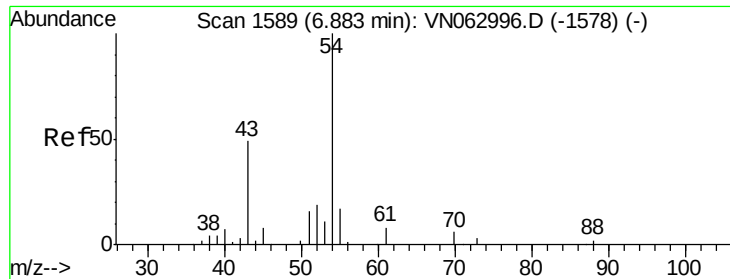
MMDadoda
 8/26/2020 11:26:33 AM



#36
 1,1-Dichloropropene
 Concen: 47.456 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN063104.D
 Acq: 25 Aug 2020 10:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.5	52.6
77	30.8	24.2	36.4





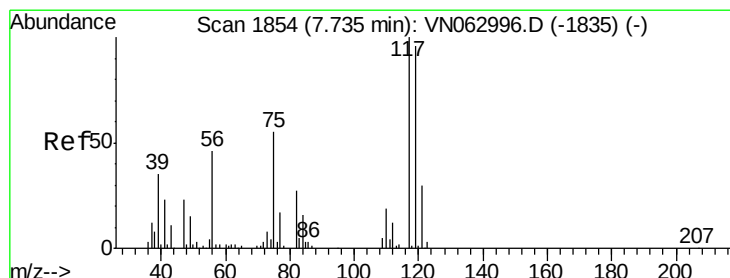
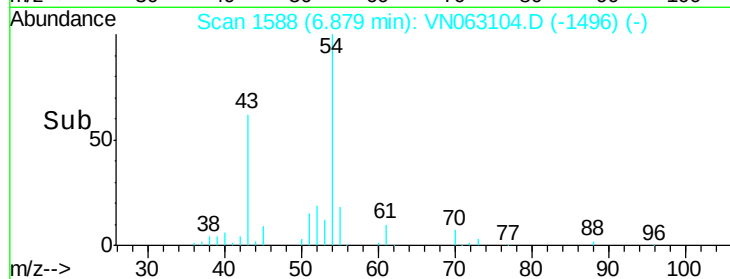
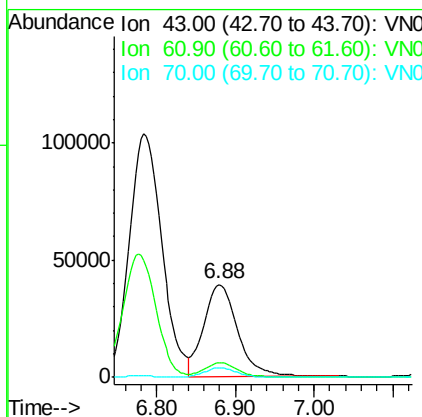
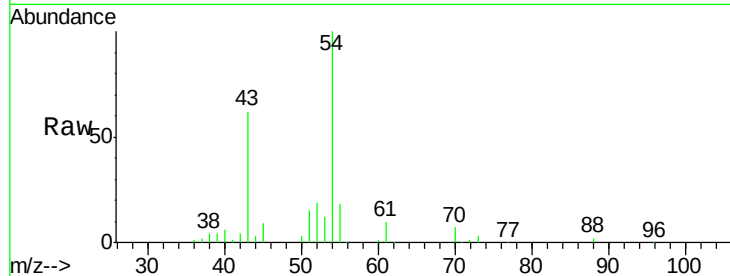
#37
Ethyl Acetate
Concen: 49.320 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN063104.D
Acq: 25 Aug 2020 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	11.8	17.8
70	10.0	8.2	12.2

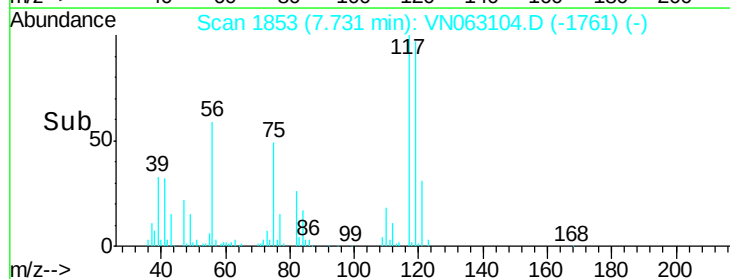
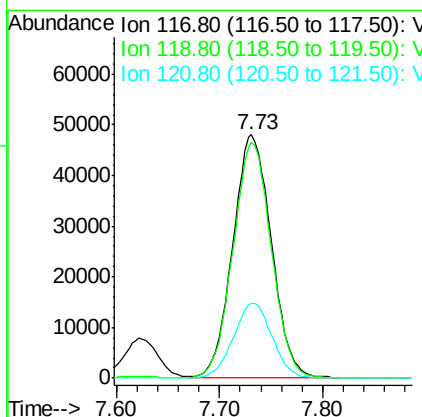
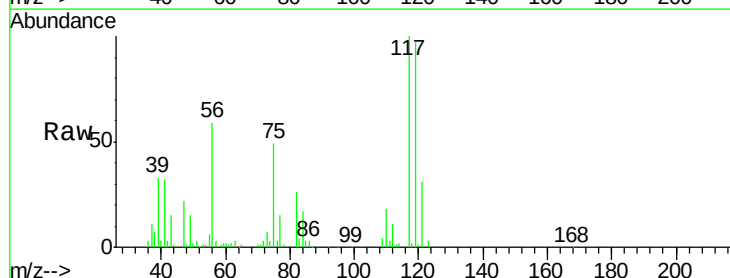
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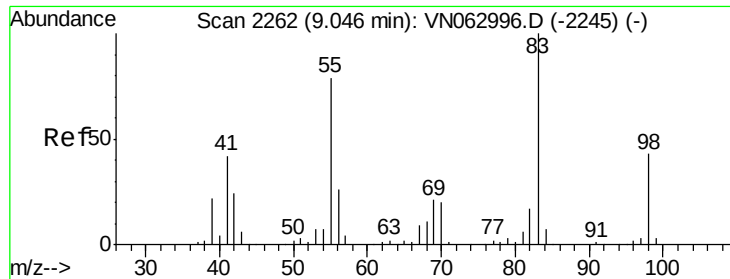
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#38
Carbon Tetrachloride
Concen: 48.305 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN063104.D
Acq: 25 Aug 2020 10:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.2	114.4
121	30.8	24.2	36.2





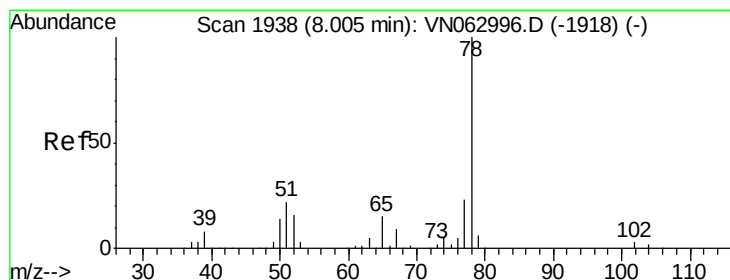
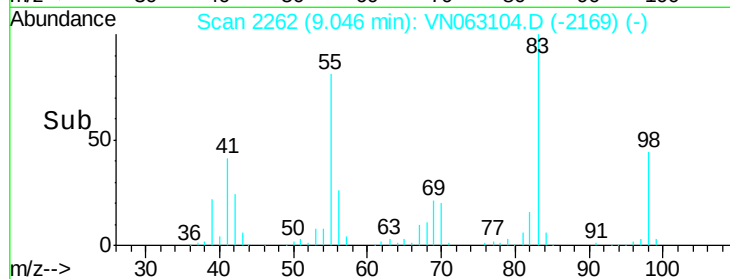
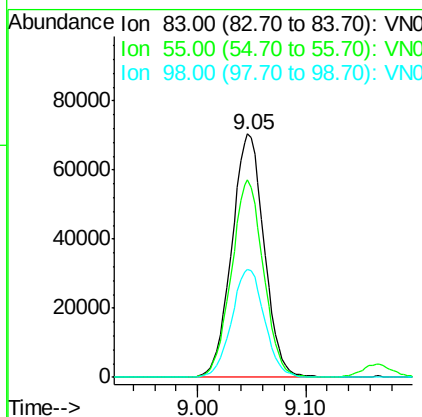
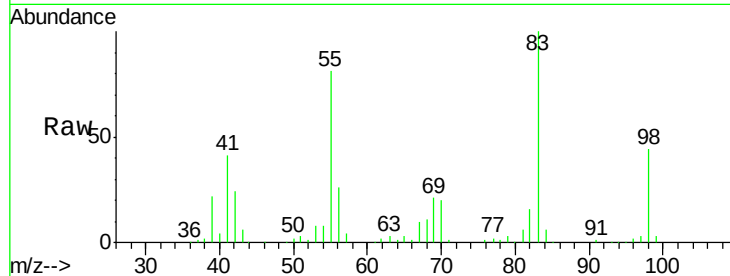
#39
Methylvlcyclohexane
Concen: 43.141 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN063104.D
Acq: 25 Aug 2020 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	147461
Ion Ratio	Lower	Upper	
83	100		
55	81.0	63.3	94.9
98	44.2	34.2	51.4

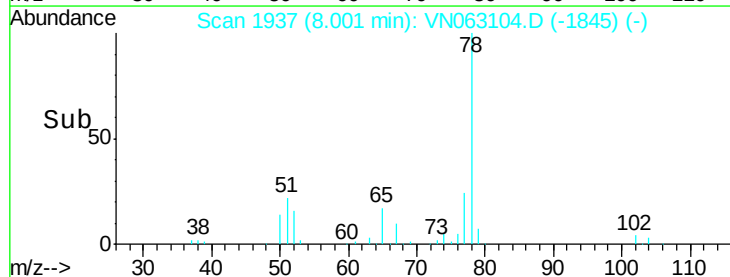
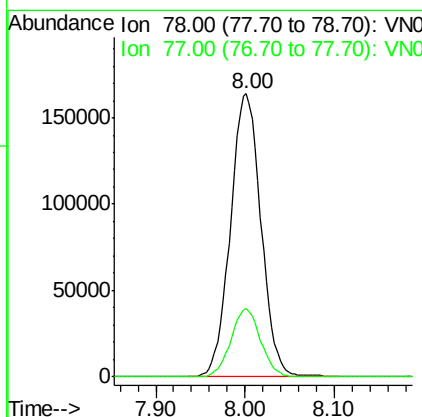
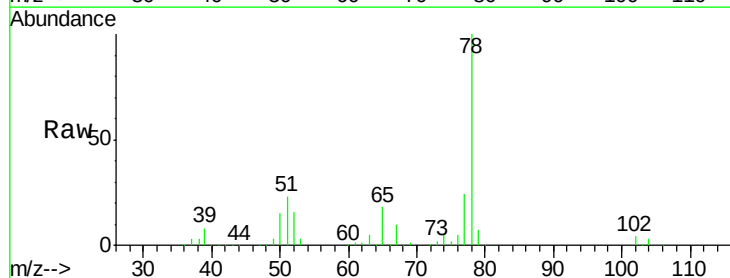
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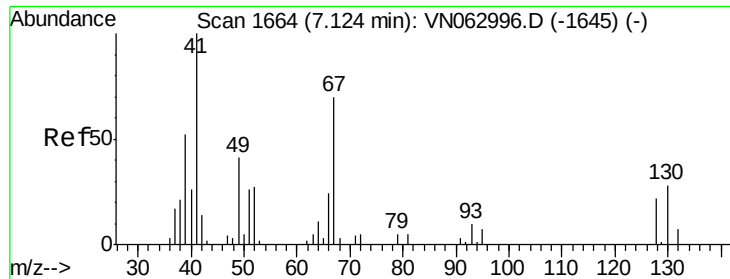
MMDadoda
8/26/2020 11:26:33 AM



#40
Benzene
Concen: 48.204 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN063104.D
Acq: 25 Aug 2020 10:28

Tgt Ion	78	Resp	389075
Ion Ratio	Lower	Upper	
78	100		
77	24.2	18.8	28.2





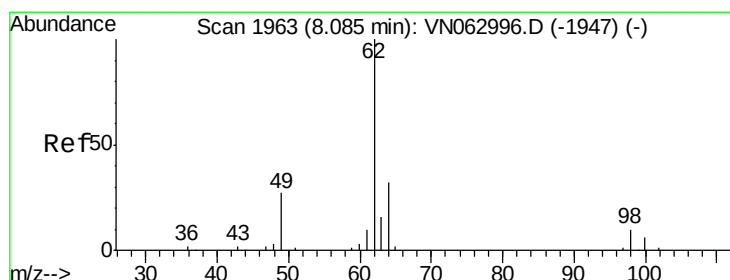
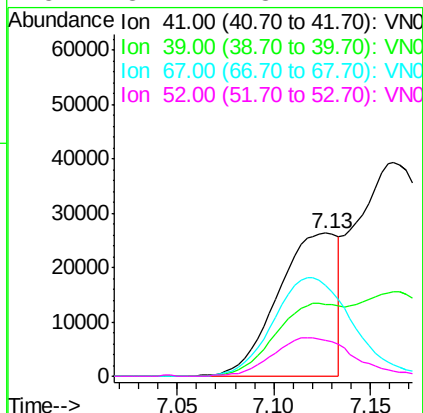
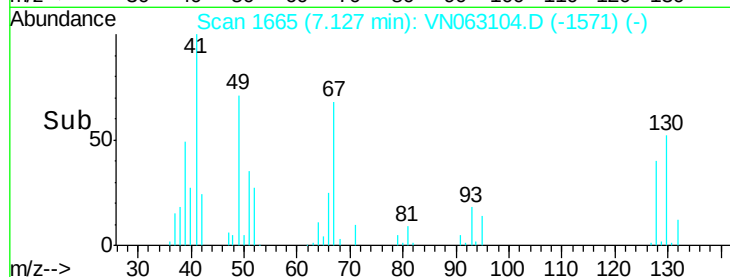
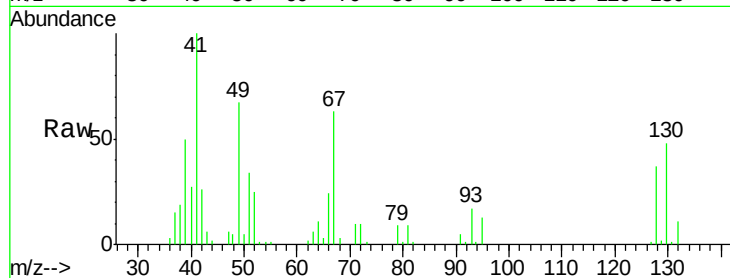
#41
Methacrylonitrile
Concen: 49.995 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN063104.D
Acq: 25 Aug 2020 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.3	41.6	62.4	
67	92.0	71.8	107.8	
52	37.2	28.2	42.4	

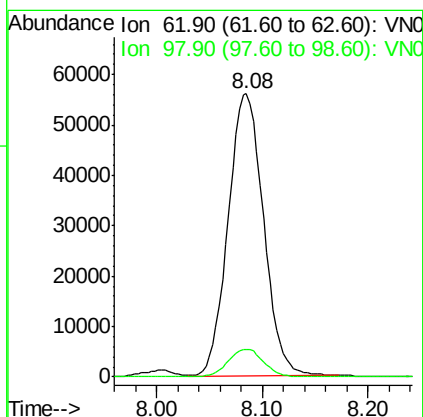
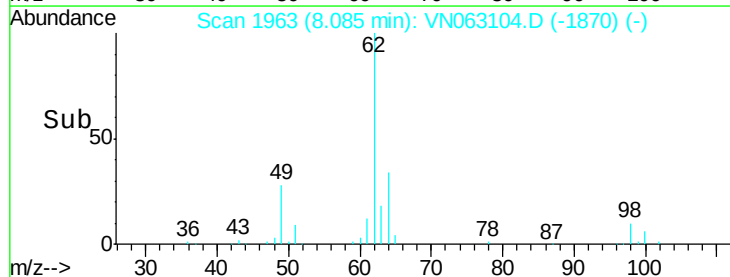
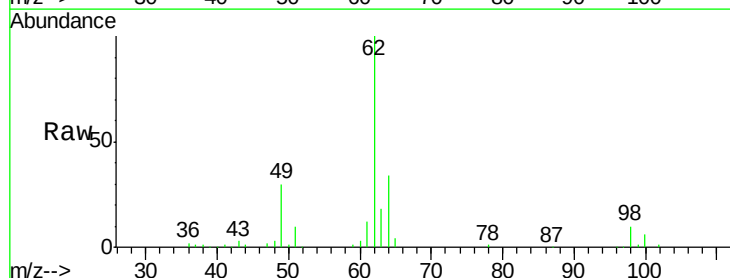
Manual Integrations
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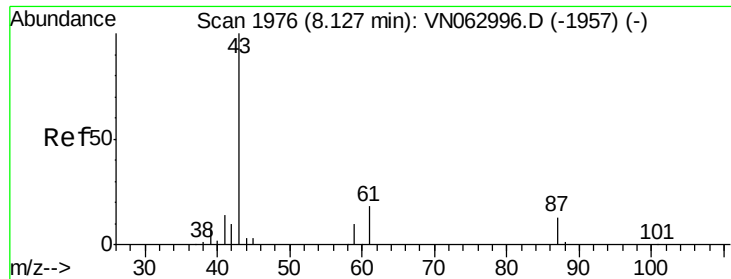
MMDadoda
8/26/2020 11:26:33 AM



#42
1,2-Dichloroethane
Concen: 48.130 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN063104.D
Acq: 25 Aug 2020 10:28

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





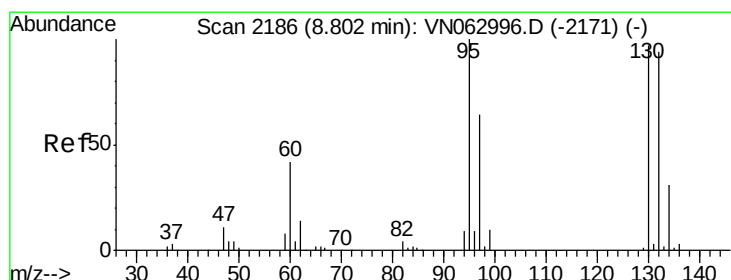
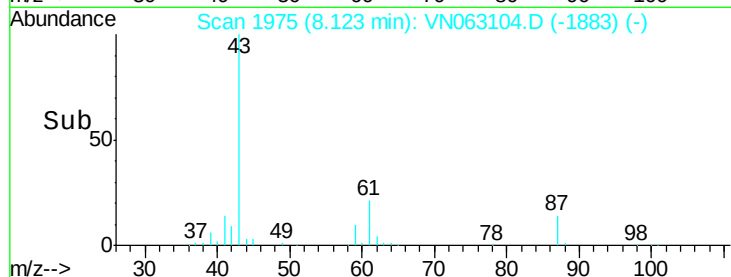
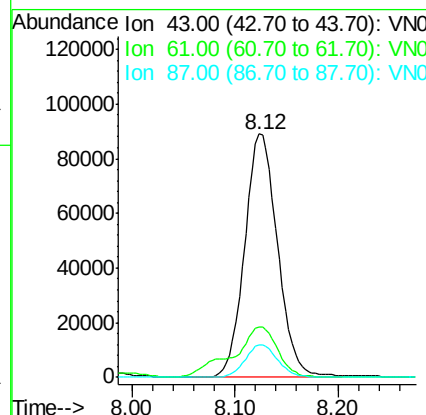
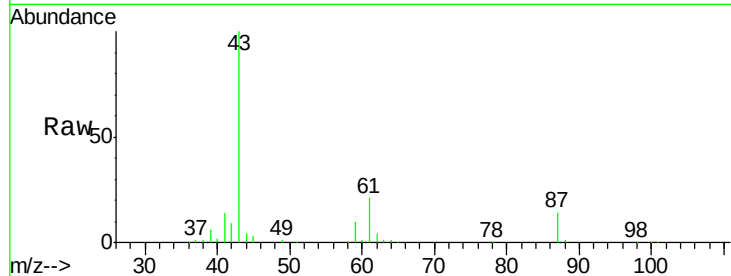
#43
Isopropyl Acetate
Concen: 50.016 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN063104.D
Acq: 25 Aug 2020 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	197589
Ion	Ratio	Lower	Upper
43	100		
61	28.5	22.6	33.8
87	13.3	10.5	15.7

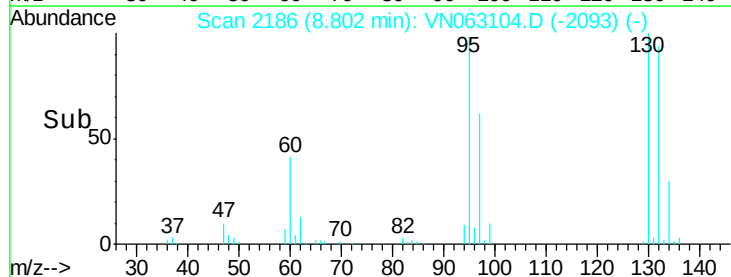
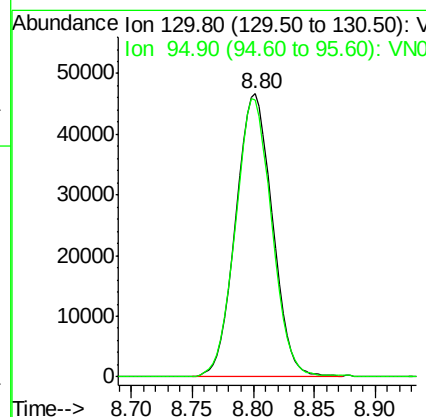
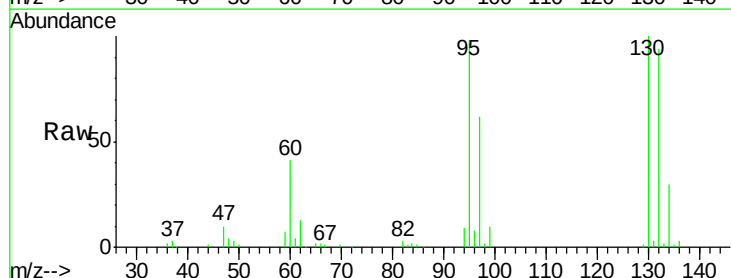
Manual Integrations
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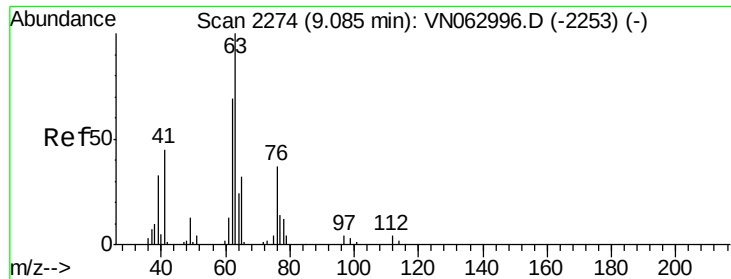
MMDadoda
8/26/2020 11:26:33 AM



#44
Trichloroethene
Concen: 48.526 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN063104.D
Acq: 25 Aug 2020 10:28

Tgt Ion:	130	Resp:	97426
Ion	Ratio	Lower	Upper
130	100		
95	97.9	0.0	205.6





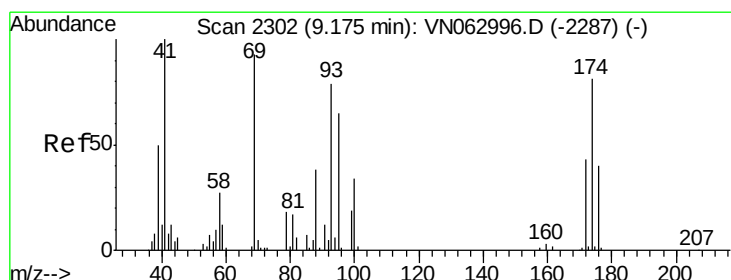
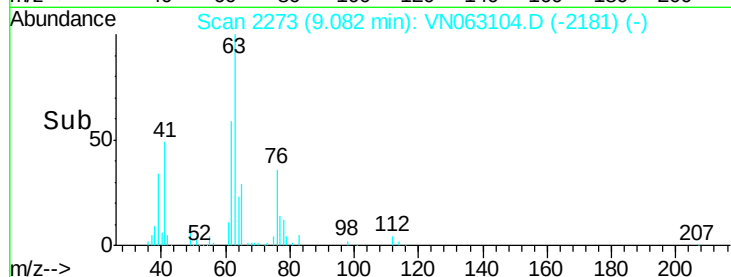
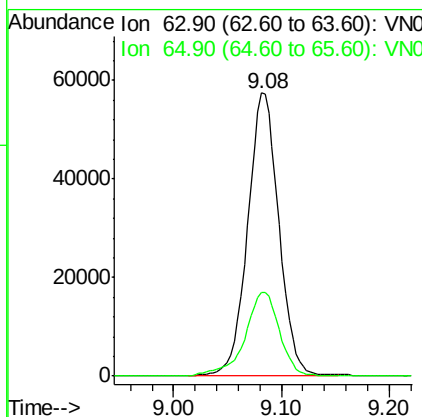
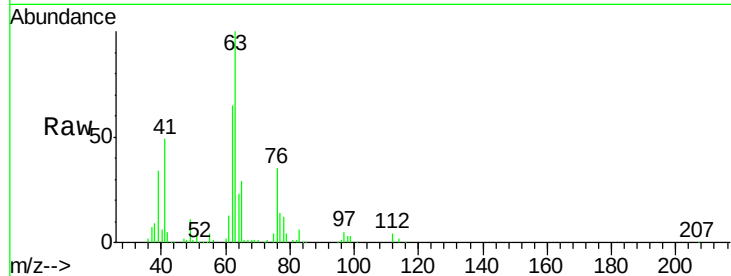
#45
 1,2-Dichloropropane
 Concen: 49.397 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN063104.D
 Acq: 25 Aug 2020 10:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 115247
 Ion Ratio Lower Upper
 63 100
 65 29.4 25.6 38.4

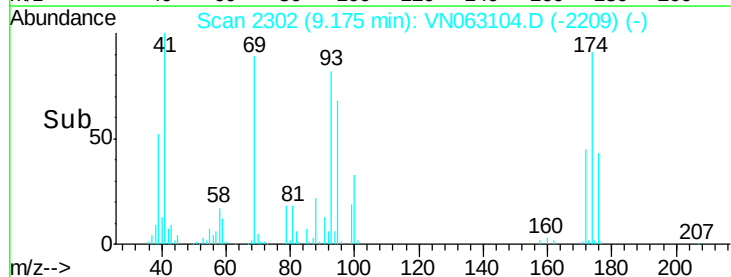
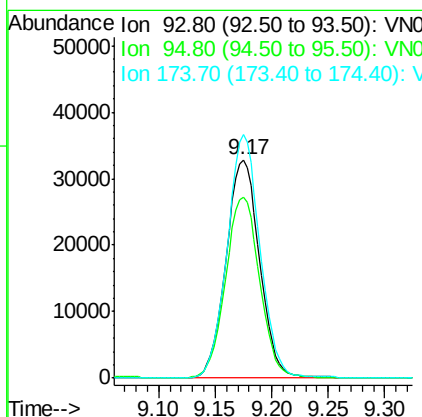
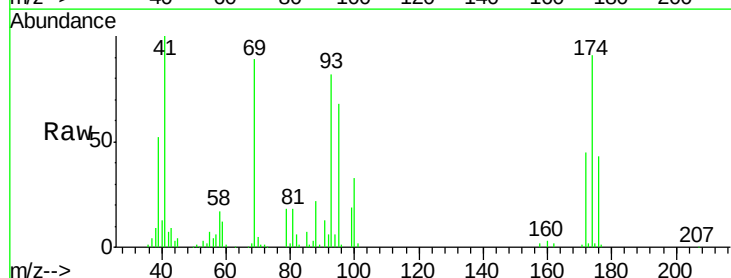
Manual Integrations
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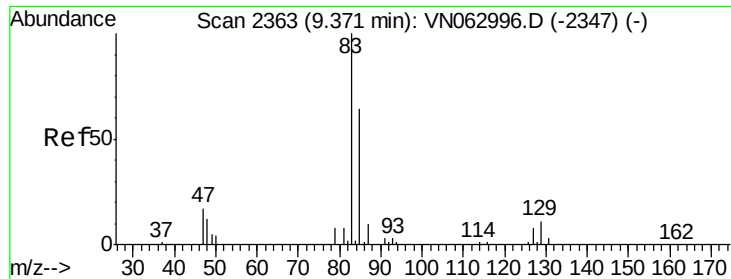
MMDadoda
 8/26/2020 11:26:33 AM



#46
 Dibromomethane
 Concen: 50.367 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN063104.D
 Acq: 25 Aug 2020 10:28

Tgt Ion: 93 Resp: 67885
 Ion Ratio Lower Upper
 93 100
 95 84.2 66.2 99.4
 174 108.9 84.6 127.0





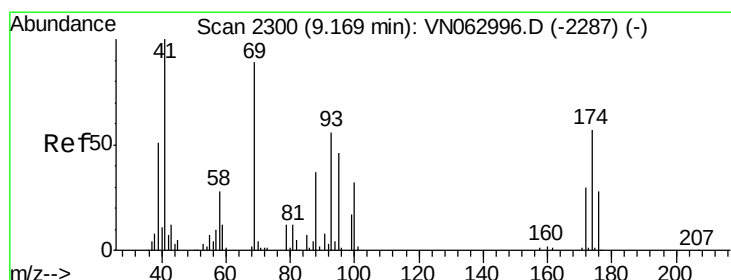
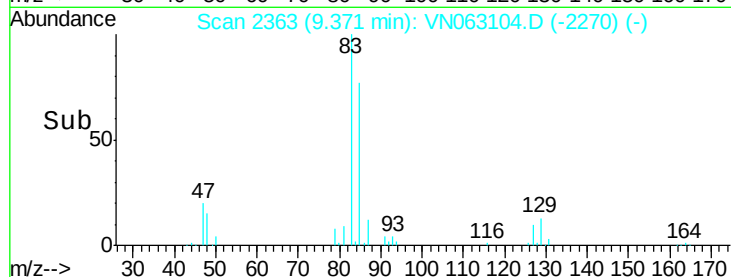
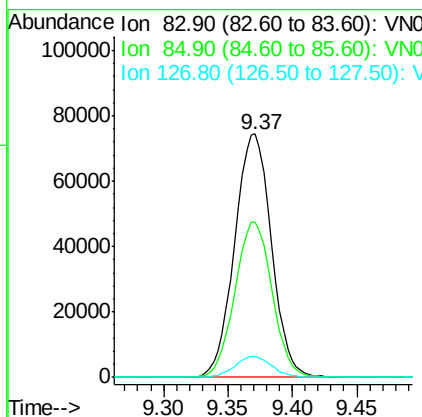
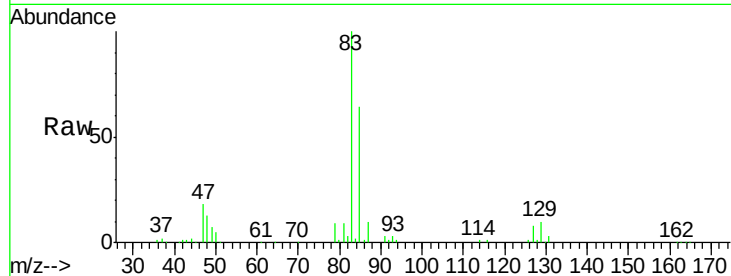
#47
Bromodichloromethane
Concen: 50.173 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. -0.00 min
Lab File: VN063104.D
Acq: 25 Aug 2020 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	83	Resp:	148111
Ion Ratio	Lower	Upper	
83	100		
85	64.0	51.1	76.7
127	8.3	6.6	9.8

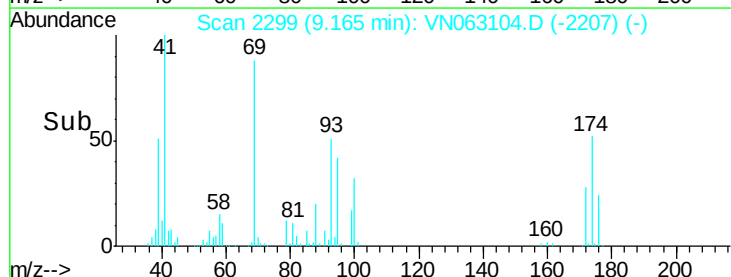
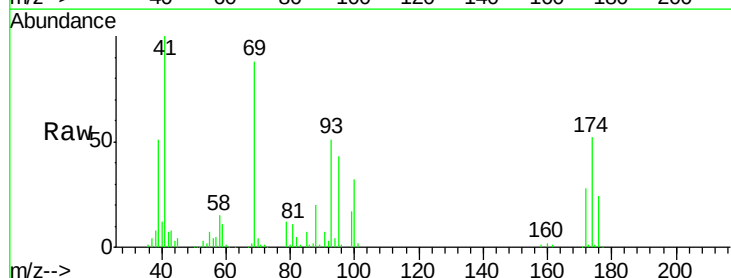
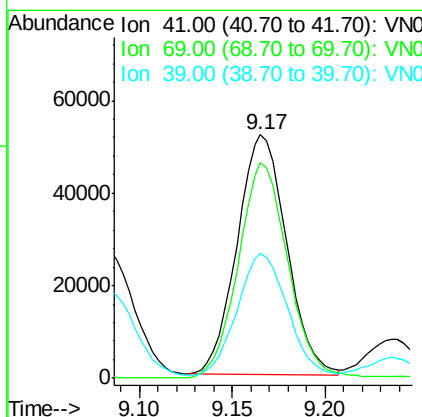
Manual Integrations
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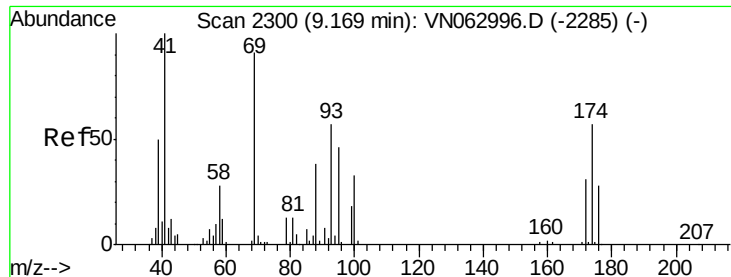
MMDadoda
8/26/2020 11:26:33 AM



#48
Methyl methacrylate
Concen: 51.391 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN063104.D
Acq: 25 Aug 2020 10:28

Tgt Ion:	41	Resp:	96058
Ion Ratio	Lower	Upper	
41	100		
69	90.9	74.2	111.4
39	53.3	42.5	63.7





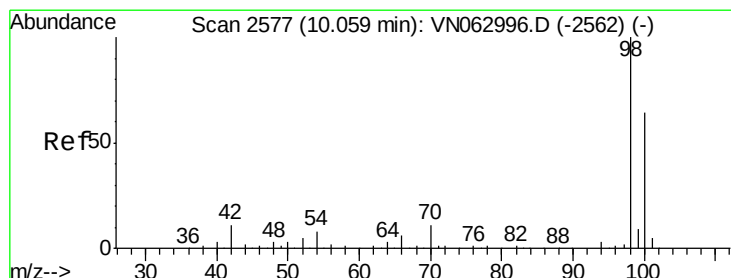
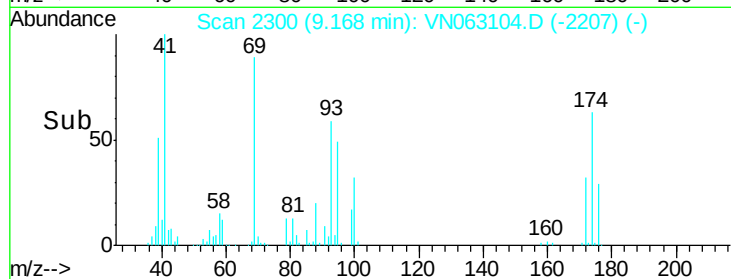
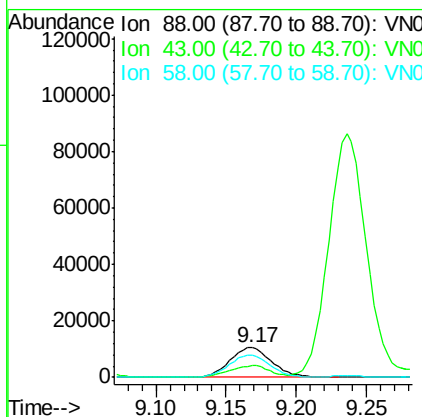
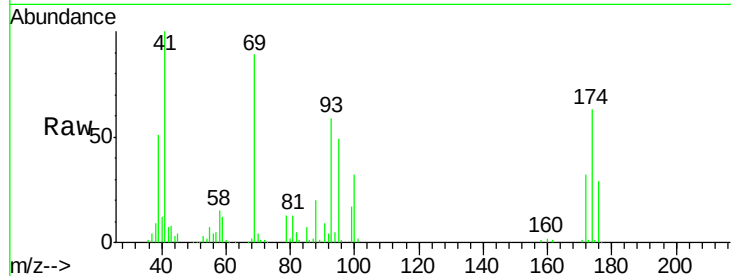
#49
1,4-Dioxane
Concen: 540.831 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN063104.D
Acq: 25 Aug 2020 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.6	25.2	37.8#
58	74.4	56.7	85.1

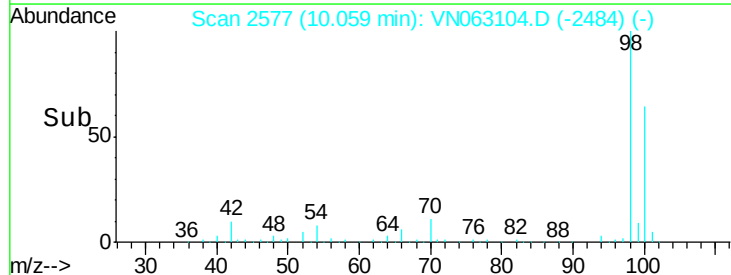
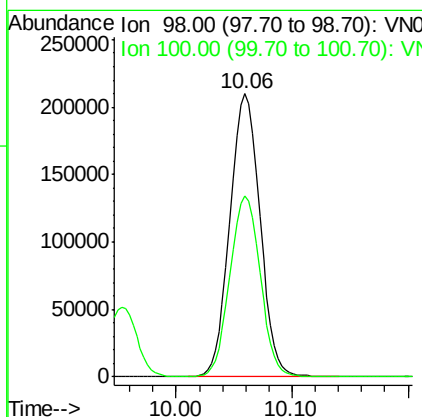
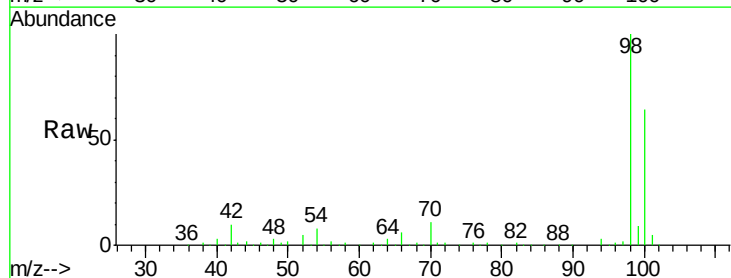
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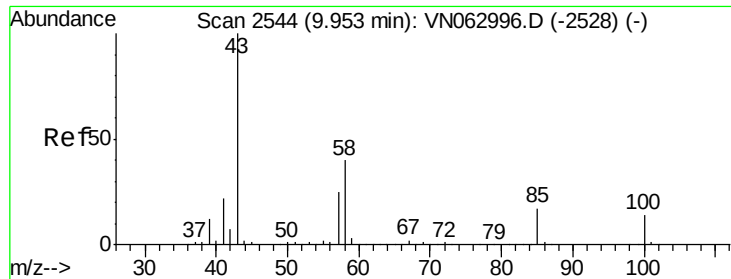
MMDadoda
8/26/2020 11:26:33 AM



#50
Toluene-d8
Concen: 52.313 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN063104.D
Acq: 25 Aug 2020 10:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 261.276 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN063104.D

Acq: 25 Aug 2020 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 652417

Ion Ratio Lower Upper

43 100

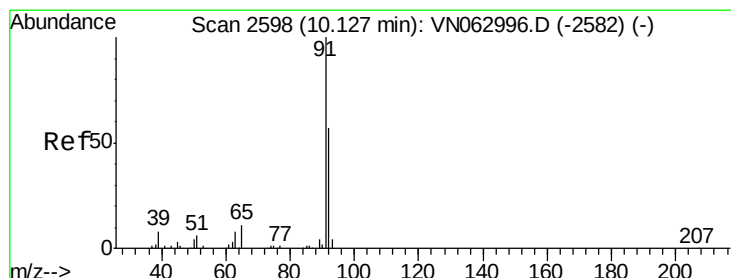
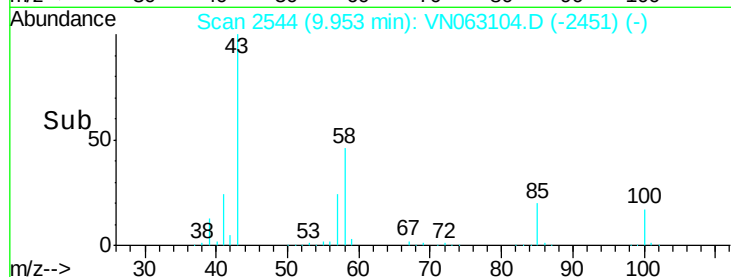
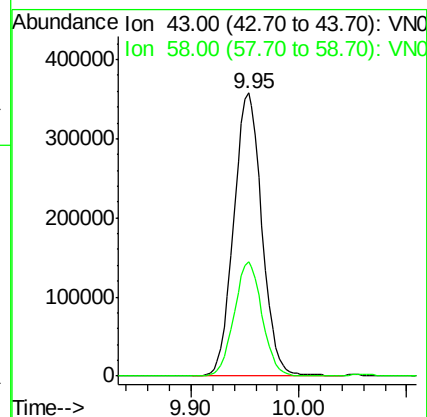
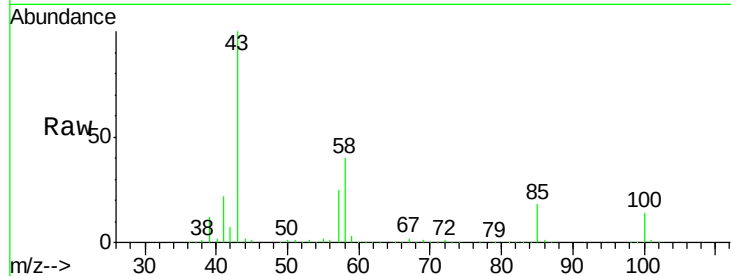
58 40.1 32.2 48.2

Manual Integrations

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MMDadoda

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#52

Toluene

Concen: 50.768 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN063104.D

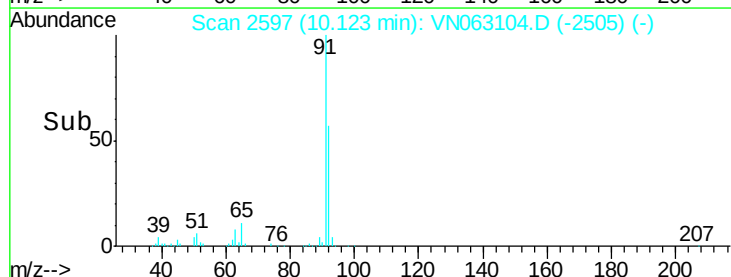
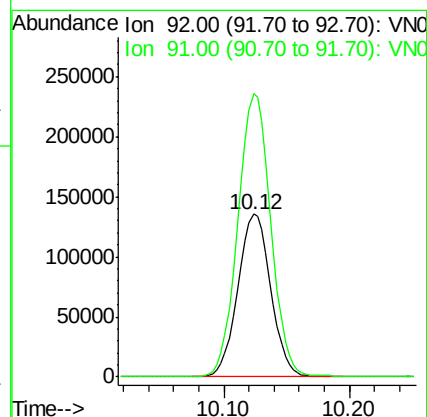
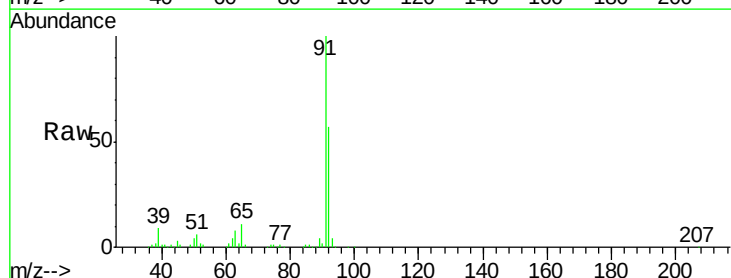
Acq: 25 Aug 2020 10:28

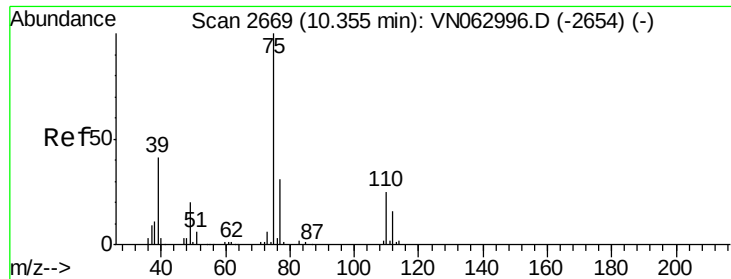
Tgt Ion: 92 Resp: 247185

Ion Ratio Lower Upper

92 100

91 174.4 139.2 208.8





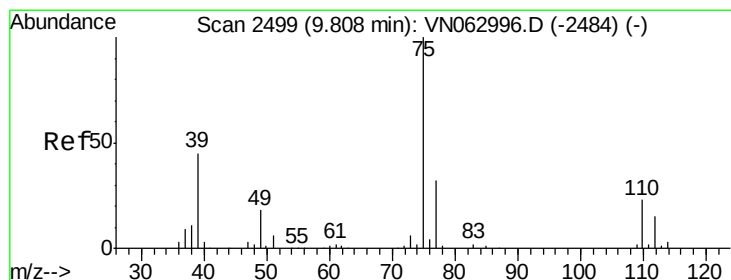
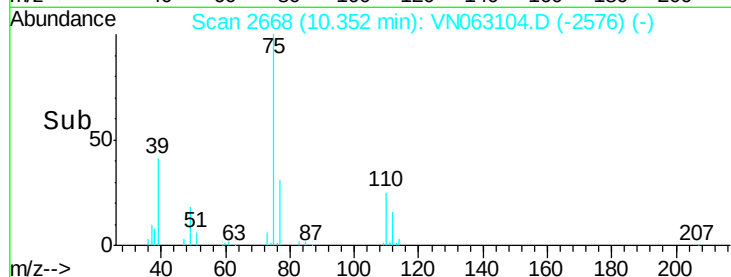
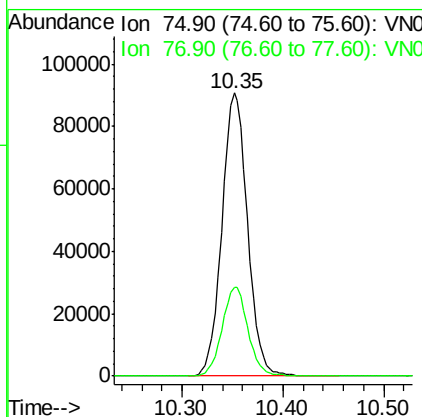
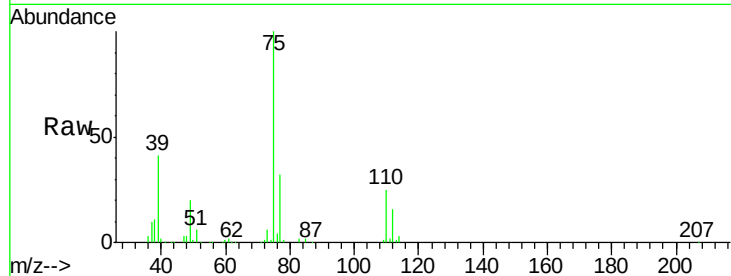
#53
t-1,3-Dichloropropene
Concen: 52.701 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN063104.D
Acq: 25 Aug 2020 10:28

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 75 Resp: 160884
Ion Ratio Lower Upper
75 100
77 31.6 24.6 37.0

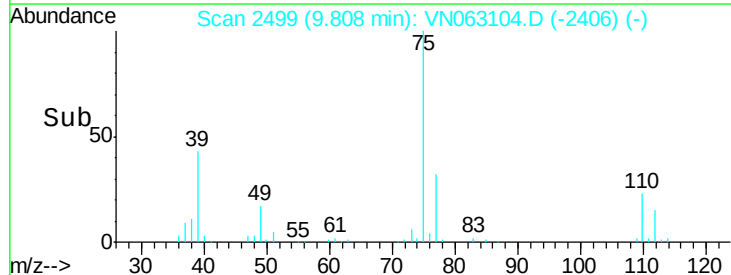
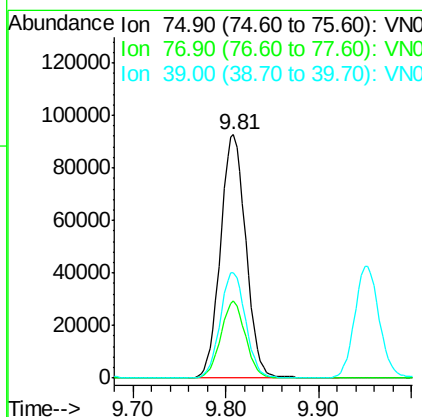
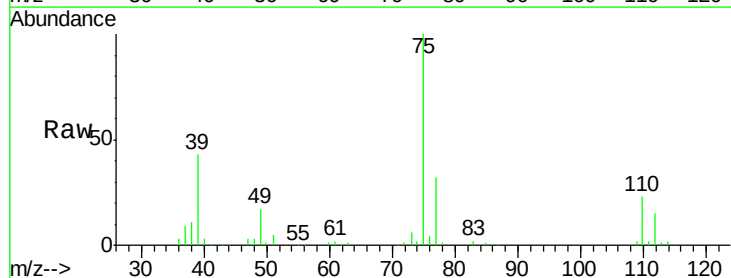
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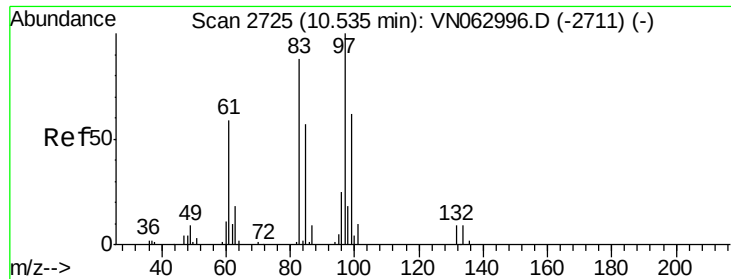
MMDadoda
8/26/2020 11:26:33 AM



#54
cis-1,3-Dichloropropene
Concen: 52.692 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN063104.D
Acq: 25 Aug 2020 10:28

Tgt Ion: 75 Resp: 176457
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2
39 43.3 35.7 53.5





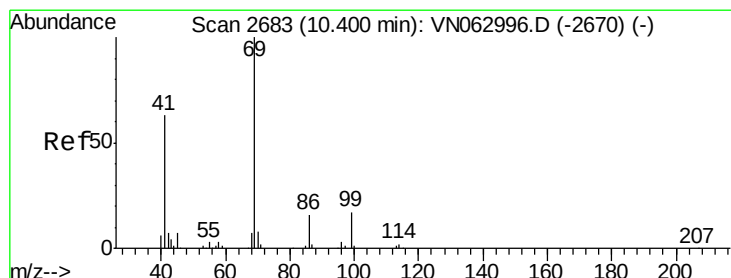
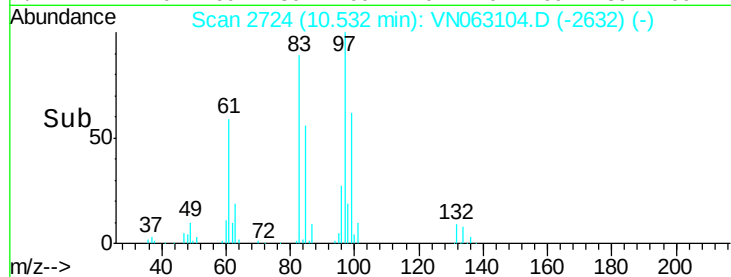
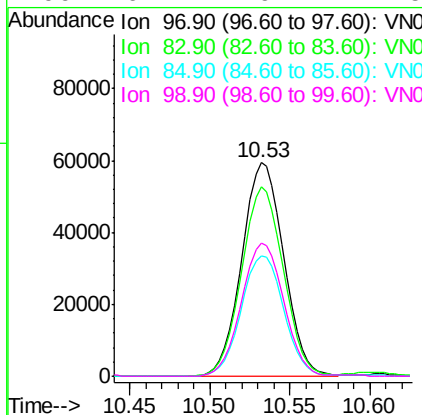
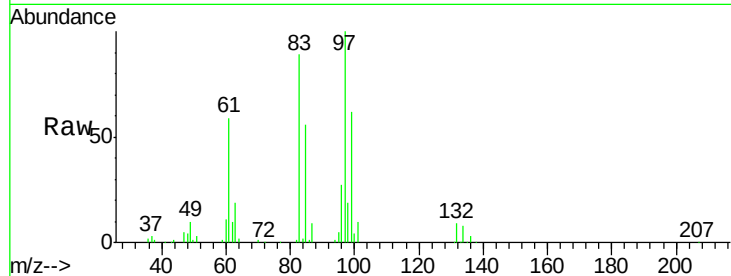
#55
 1,1,2-Trichloroethane
 Concen: 51.112 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN063104.D
 Acq: 25 Aug 2020 10:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	106410
Ion	Ratio	Lower	Upper
97	100		
83	88.7	70.5	105.7
85	56.3	45.8	68.6
99	62.4	49.7	74.5

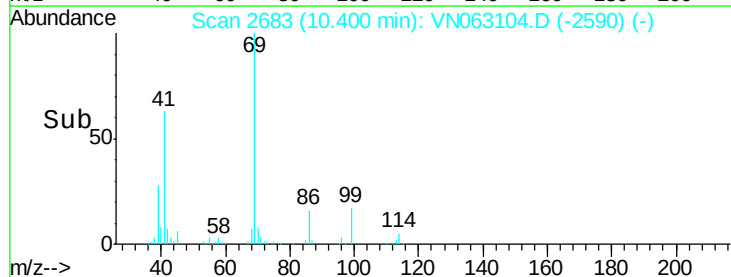
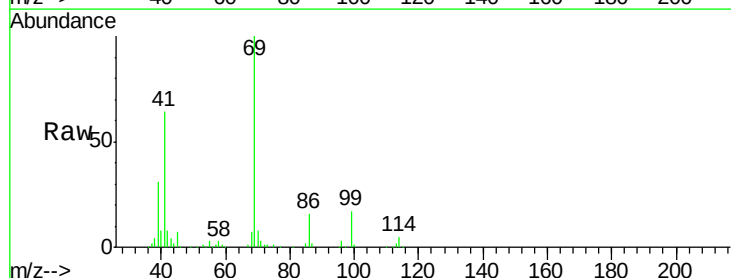
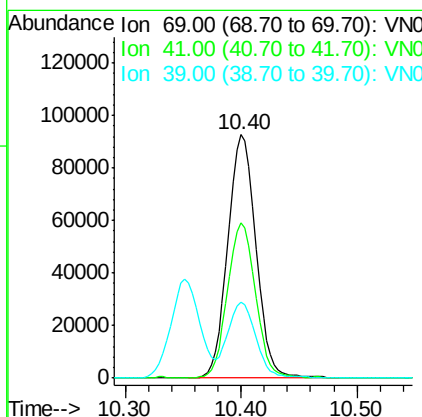
Manual Integrations
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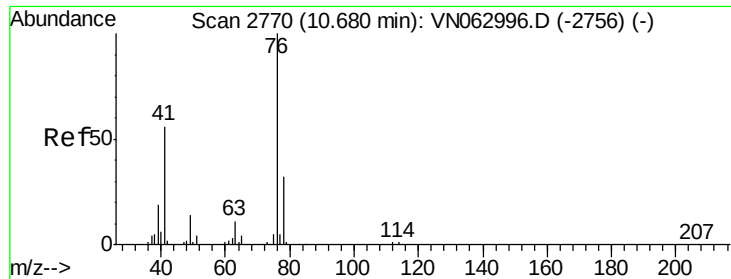
MMDadoda
 8/26/2020 11:26:33 AM



#56
 Ethyl methacrylate
 Concen: 48.409 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN063104.D
 Acq: 25 Aug 2020 10:28

Tgt Ion:	69	Resp:	155474
Ion	Ratio	Lower	Upper
69	100		
41	62.7	50.2	75.2
39	31.2	24.2	36.4





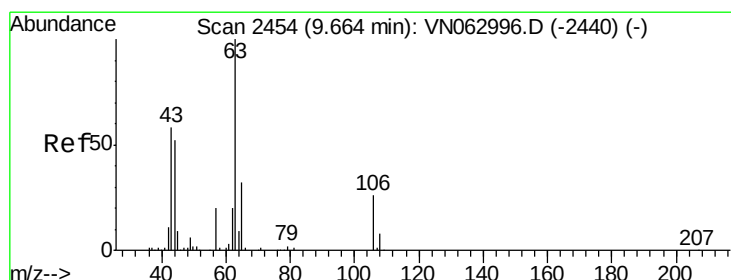
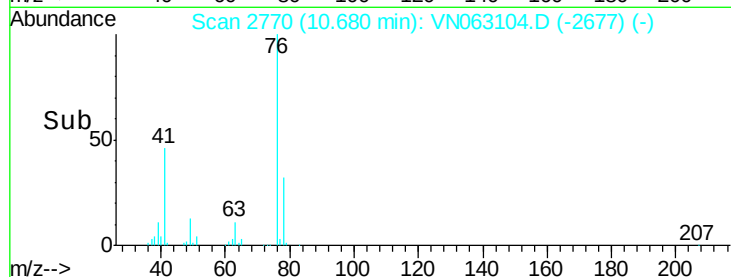
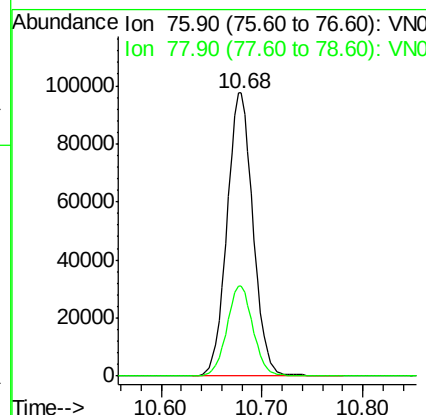
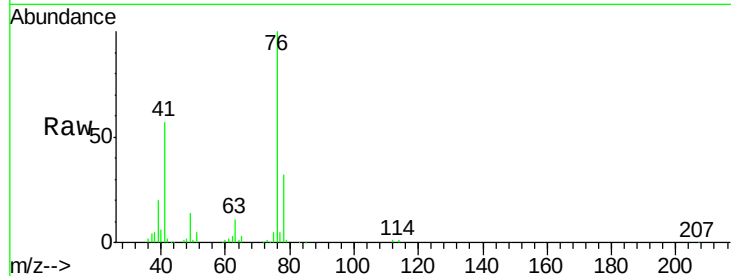
#57
 1,3-Dichloropropane
 Concen: 50.820 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN063104.D
 Acq: 25 Aug 2020 10:28

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.1	39.1

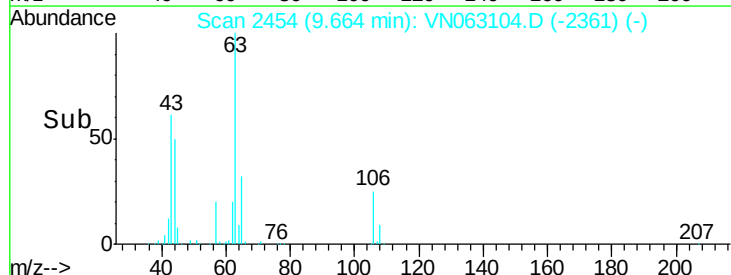
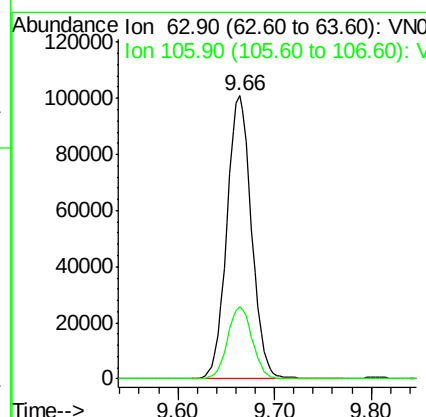
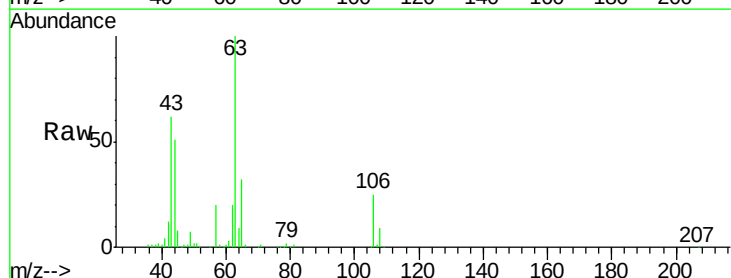
Manual Integrations
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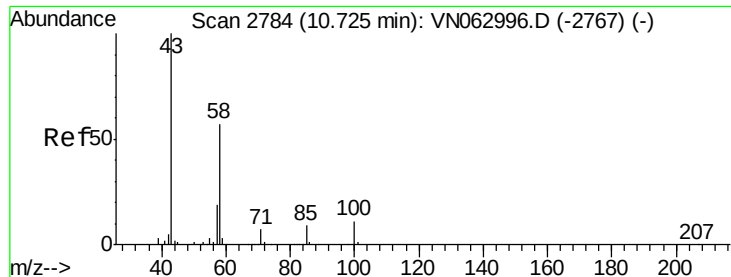
MMDadoda
 8/26/2020 11:26:33 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 229.969 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN063104.D
 Acq: 25 Aug 2020 10:28

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.4	20.7	31.1





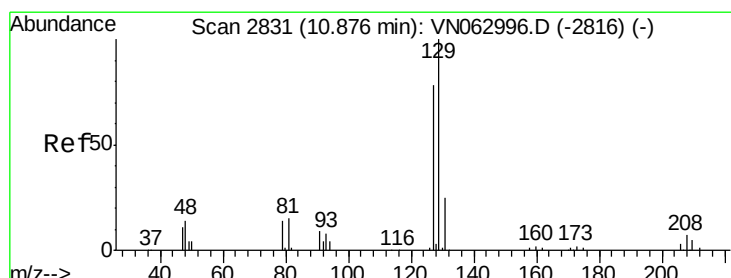
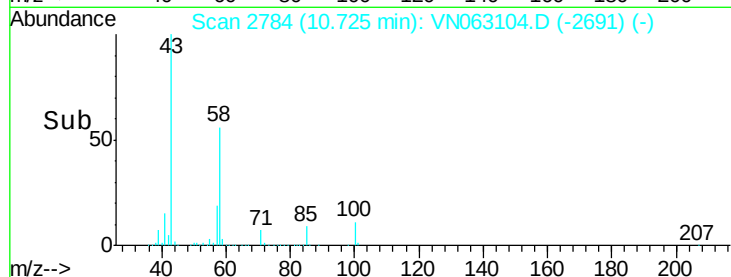
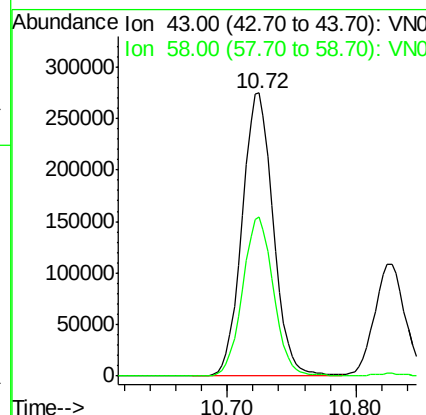
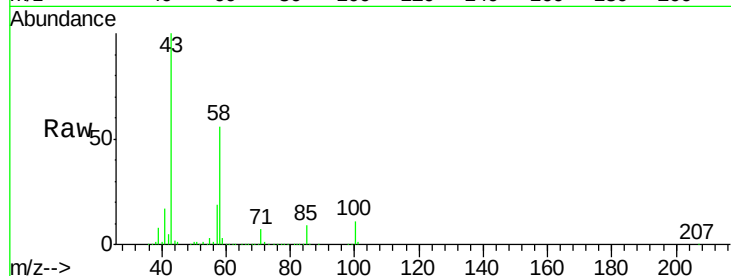
#59
2-Hexanone
Concen: 264.678 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN063104.D
Acq: 25 Aug 2020 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	461002
Ion Ratio	100	Lower	Upper
43	100		
58	55.9	28.1	84.3

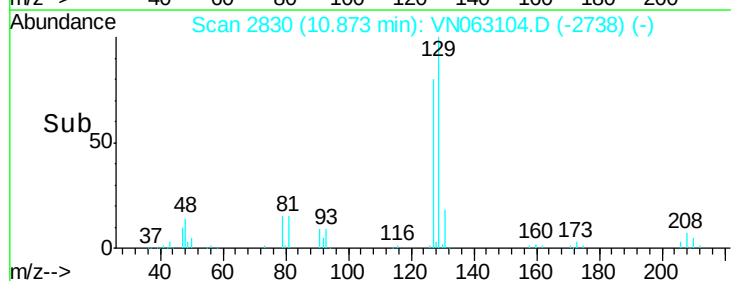
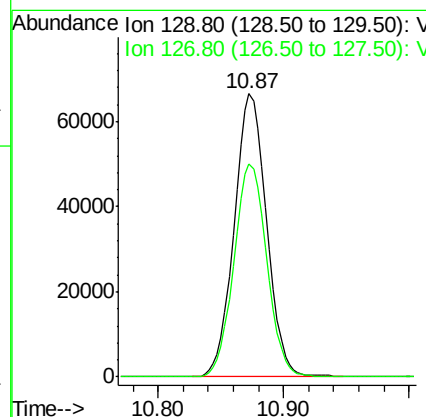
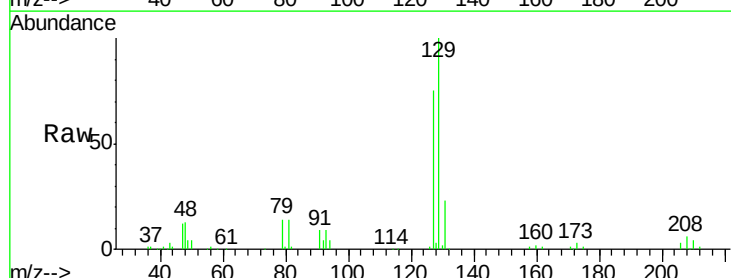
Manual Integrations
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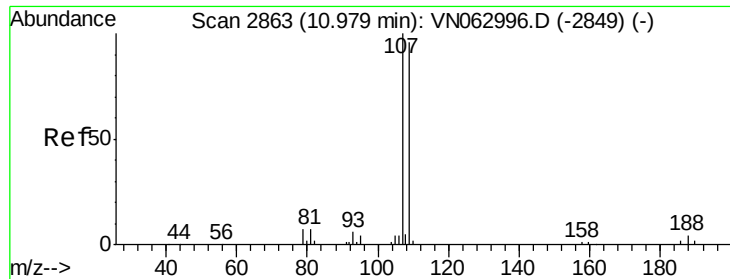
MMDadoda
8/26/2020 11:26:33 AM



#60
Dibromochloromethane
Concen: 51.764 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN063104.D
Acq: 25 Aug 2020 10:28

Tgt Ion	129	Resp	119262
Ion Ratio	100	Lower	Upper
129	100		
127	76.4	38.4	115.2





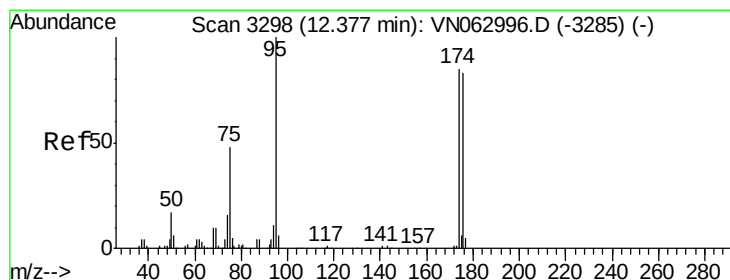
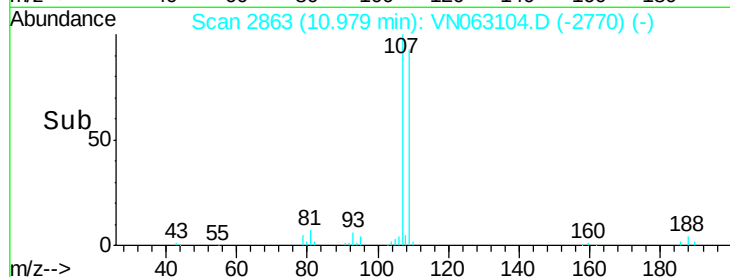
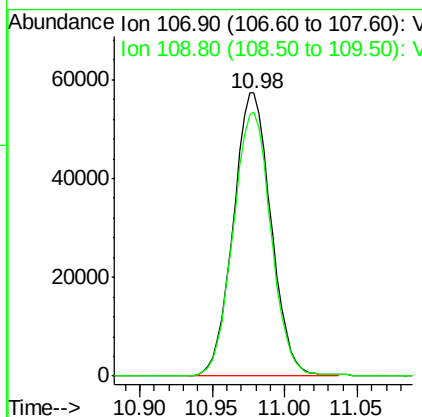
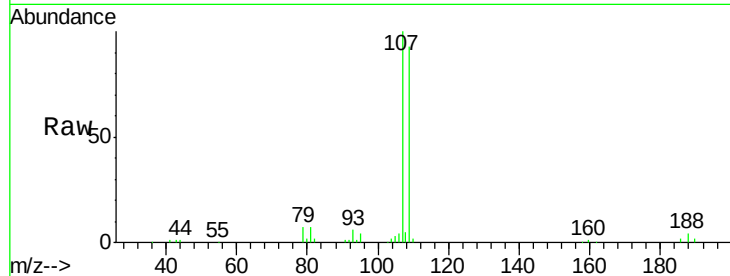
#61
 1,2-Dibromoethane
 Concen: 51.889 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN063104.D
 Acq: 25 Aug 2020 10:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	103801		
109	94.0	75.7	113.5	

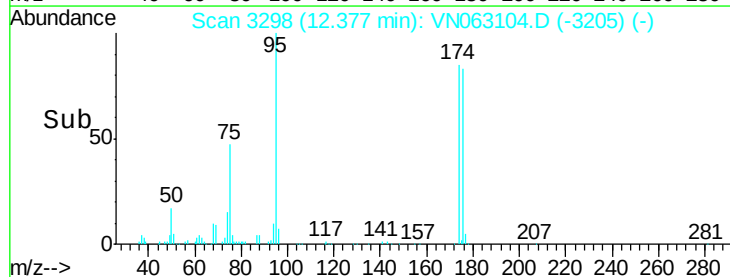
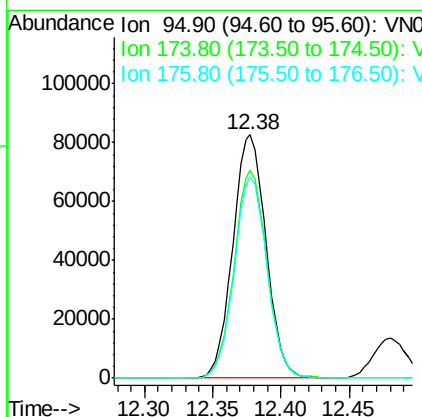
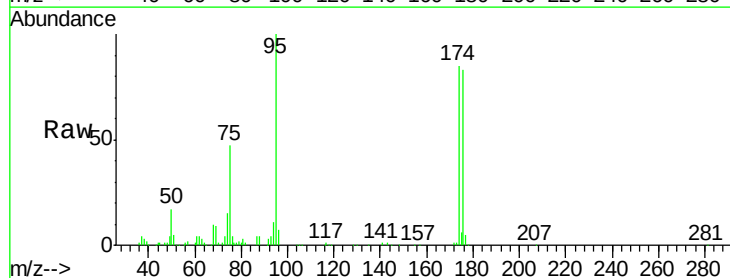
Manual Integrations
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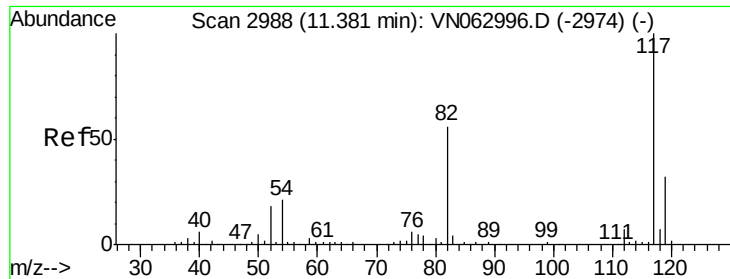
MMDadoda
 8/26/2020 11:26:33 AM



#62
 4-Bromofluorobenzene
 Concen: 54.728 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN063104.D
 Acq: 25 Aug 2020 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	139583		
174	84.5	0.0	170.8	
176	81.8	0.0	164.8	





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN063104.D

Acq: 25 Aug 2020 10:28

Instrument :

MSVOA_N

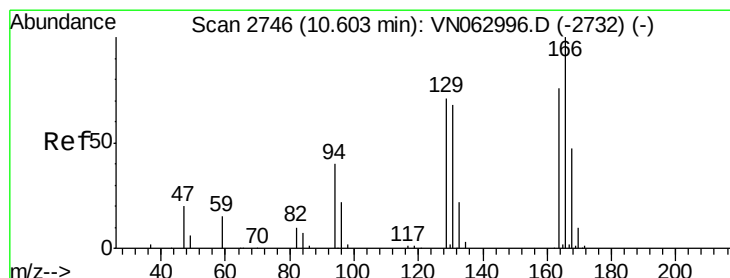
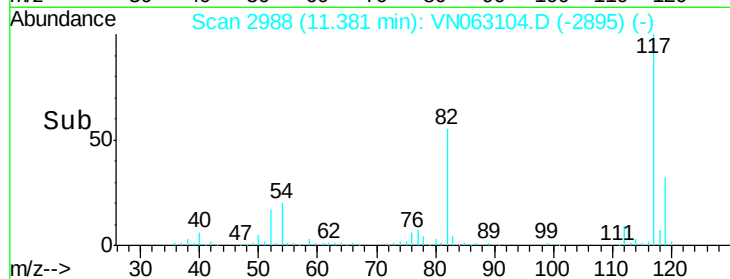
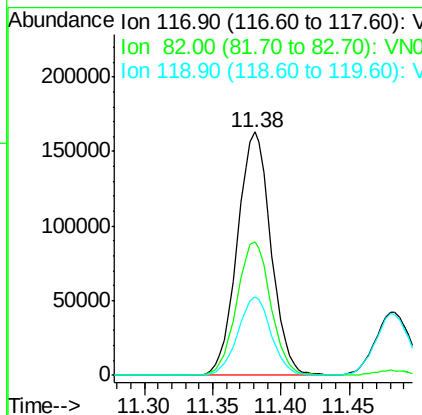
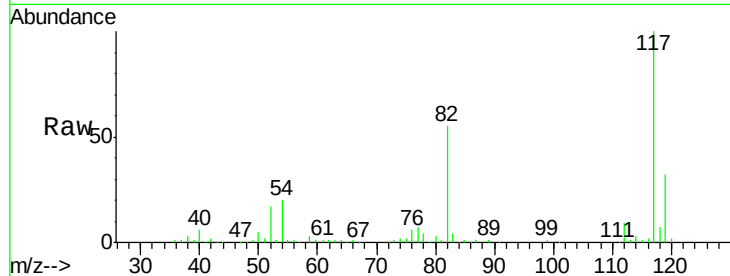
ClientSampleId :

VSTDCCC050

Tot Ion:	117	Resp:	278713
Ion Ratio	Lower	Upper	
117	100		
82	55.0	44.5	66.7
119	32.2	25.5	38.3

Manual Integrations
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#64

Tetrachloroethene

Concen: 46.455 ug/l

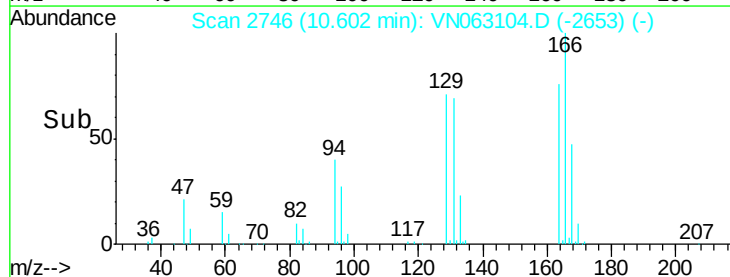
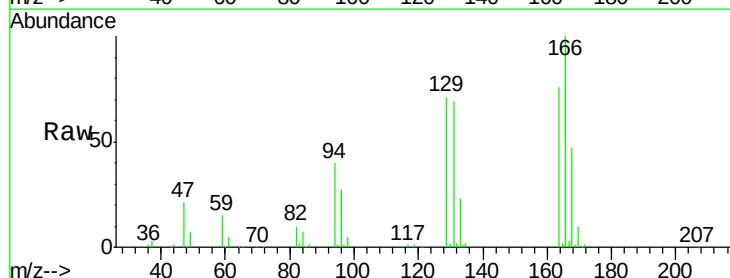
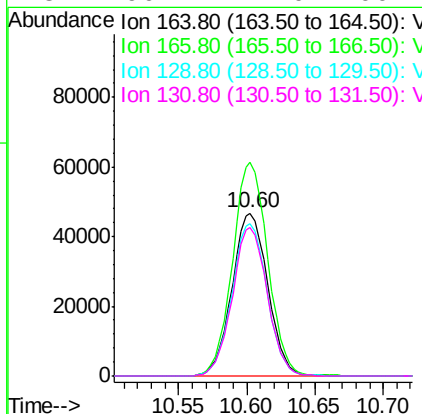
RT: 10.60 min Scan# 2746

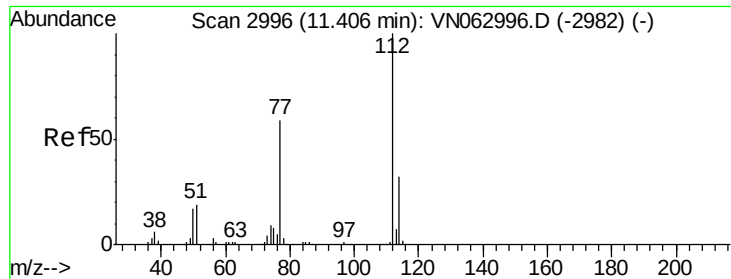
Delta R.T. -0.00 min

Lab File: VN063104.D

Acq: 25 Aug 2020 10:28

Tgt Ion:	164	Resp:	85110
Ion Ratio	Lower	Upper	
164	100		
166	131.0	105.0	157.6
129	93.1	74.7	112.1
131	90.7	71.0	106.4





#65

Chlorobenzene

Concen: 49.145 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN063104.D

Acq: 25 Aug 2020 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 275092

Ion Ratio Lower Upper

112 100

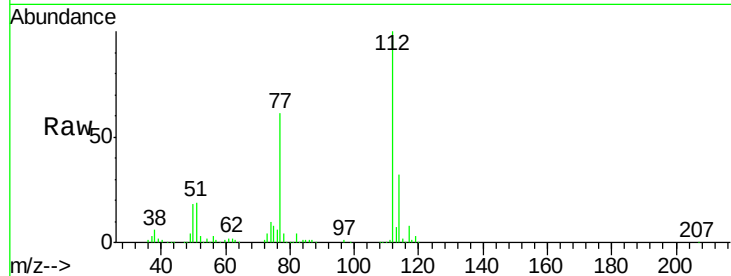
114 32.0 25.3 37.9

Manual Integrations

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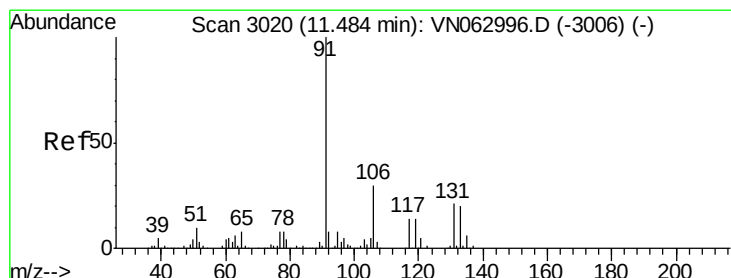
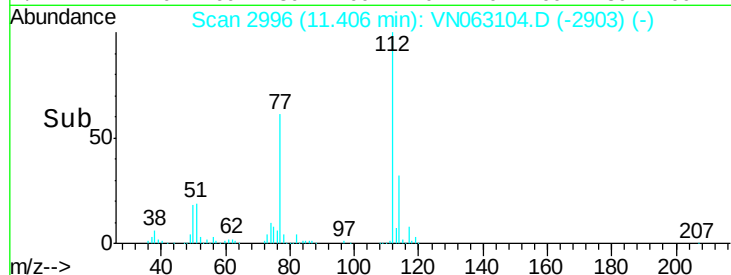
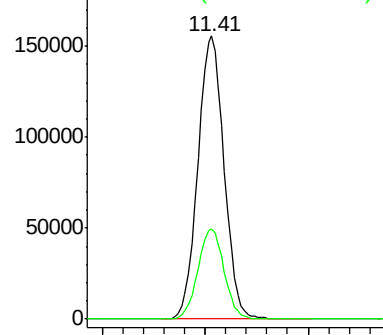
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.398 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN063104.D

Acq: 25 Aug 2020 10:28

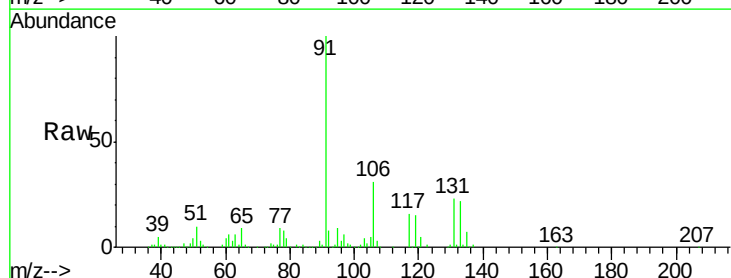
Tgt Ion:131 Resp: 109728

Ion Ratio Lower Upper

131 100

133 95.2 47.5 142.6

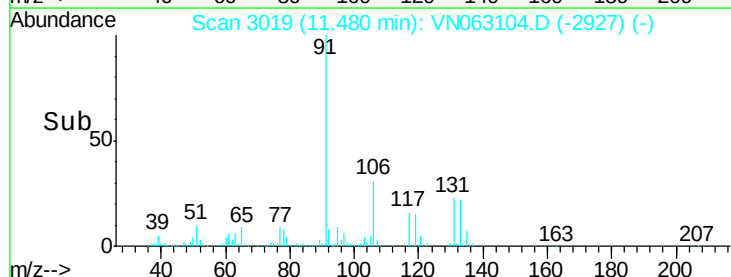
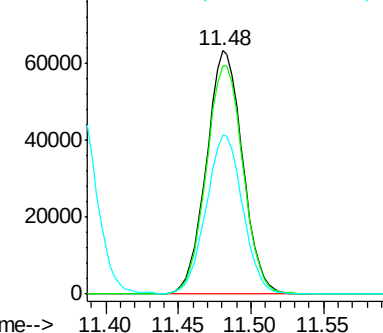
119 65.9 33.1 99.3

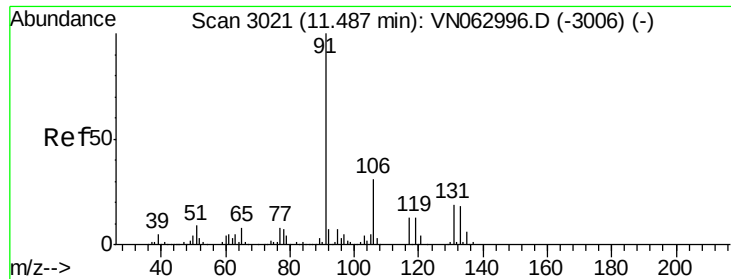


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





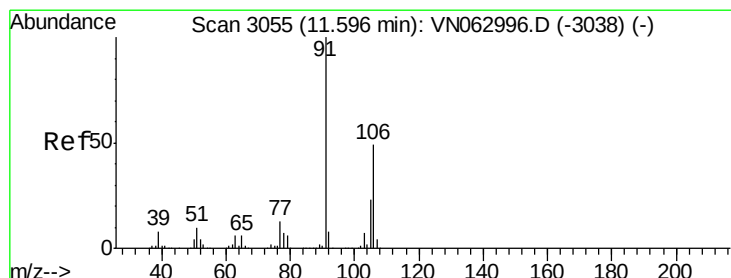
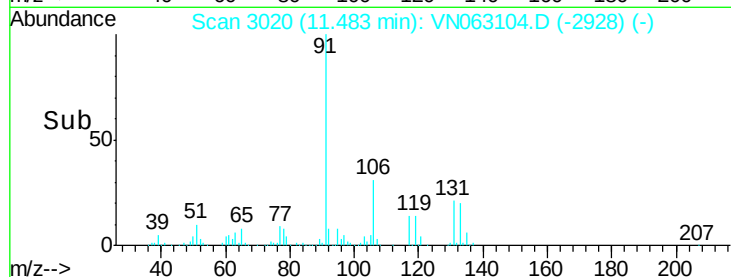
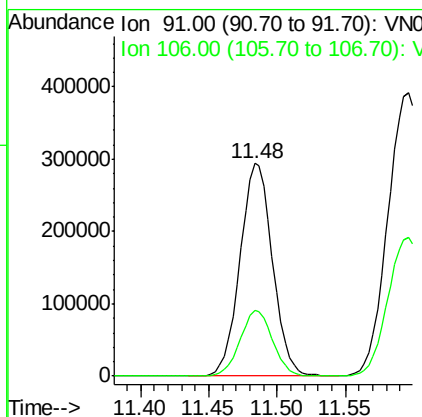
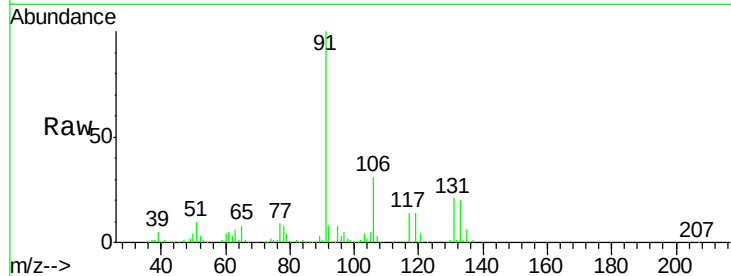
#67
Ethyl Benzene
Concen: 51.401 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN063104.D
Acq: 25 Aug 2020 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 486164
Ion Ratio Lower Upper
91 100
106 30.8 24.6 37.0

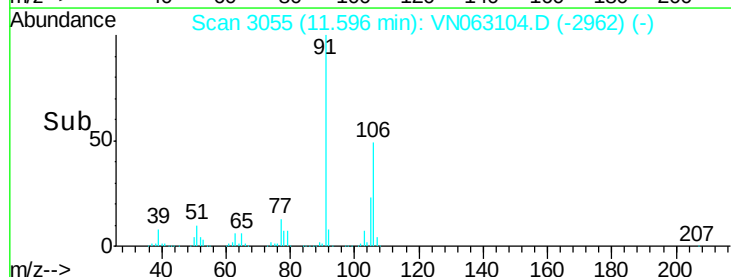
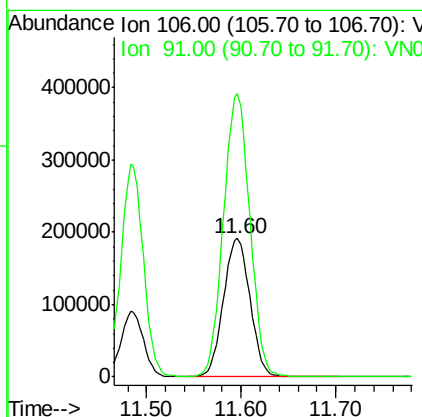
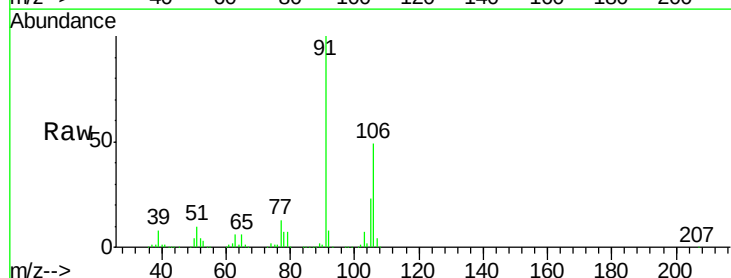
Manual Integrations
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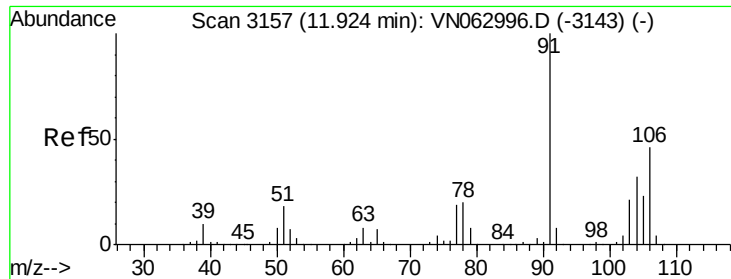
MMDadoda
8/26/2020 11:26:33 AM



#68
m/p-Xylenes
Concen: 106.222 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN063104.D
Acq: 25 Aug 2020 10:28

Tgt Ion: 106 Resp: 373407
Ion Ratio Lower Upper
106 100
91 202.8 163.0 244.4





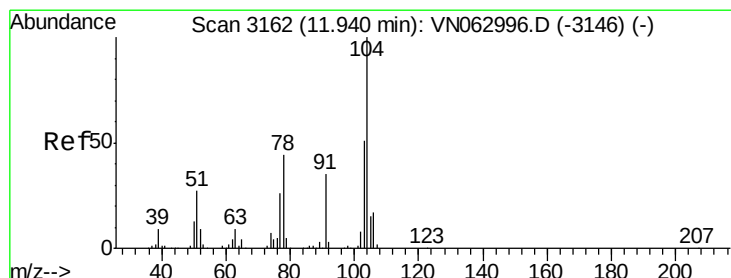
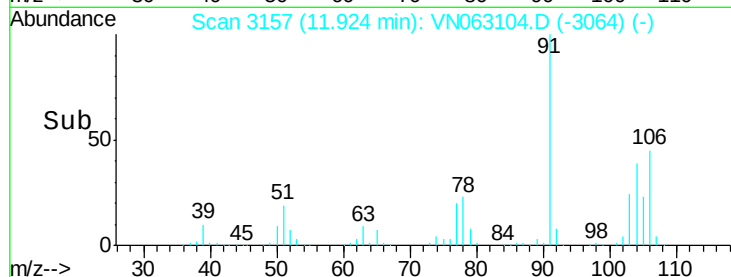
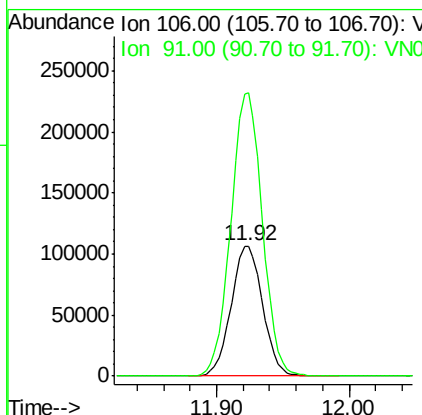
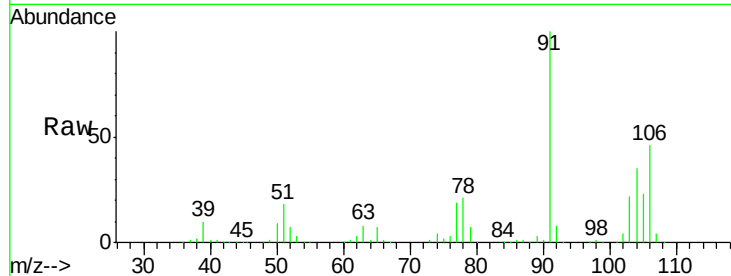
#69
o-Xylene
Concen: 52.093 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. -0.00 min
Lab File: VN063104.D
Acq: 25 Aug 2020 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		175851		
91	217.3	107.3	321.9		

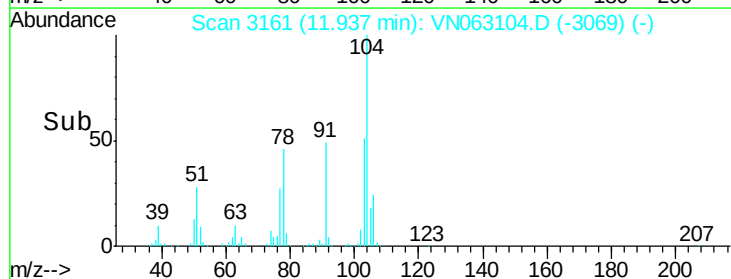
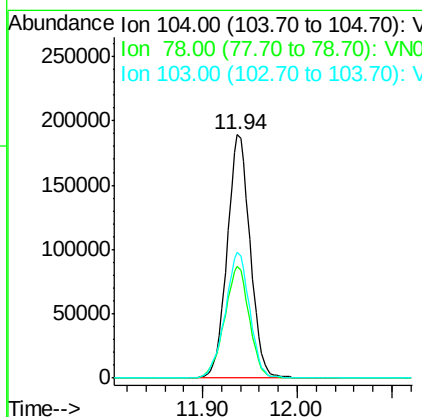
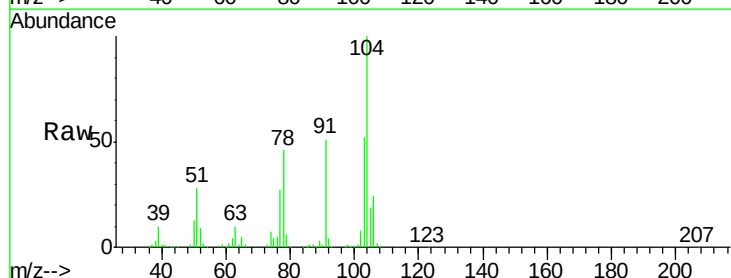
Manual Integrations
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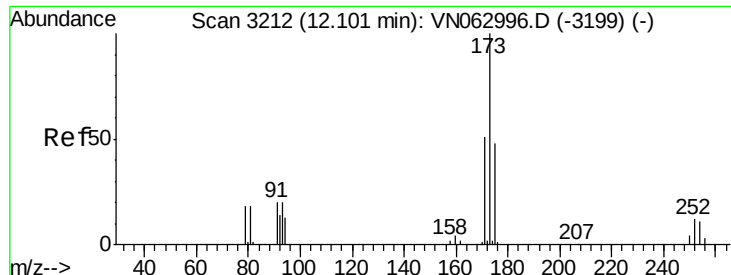
MMDadoda
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#70
Styrene
Concen: 47.852 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN063104.D
Acq: 25 Aug 2020 10:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		319980		
78	49.4	39.0	58.6		
103	55.0	44.3	66.5		





#71

Bromoform

Concen: 51.486 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN063104.D

Acq: 25 Aug 2020 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 89226

Ion Ratio Lower Upper

173 100

175 48.5 24.3 72.8

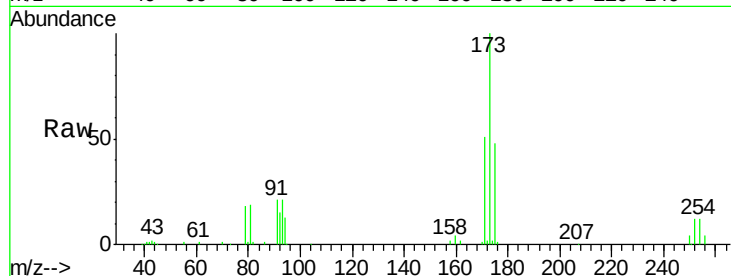
254 0.0 0.0 0.0

Manual Integrations

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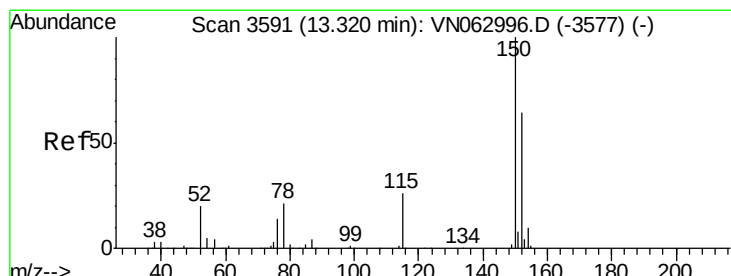
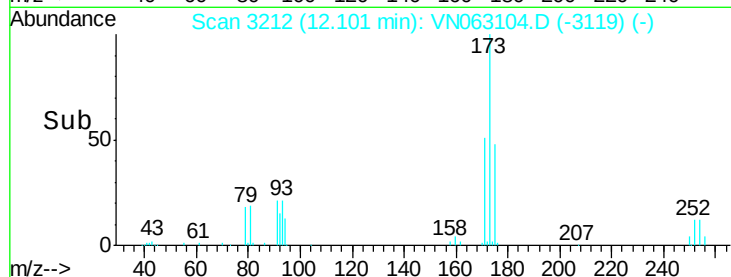
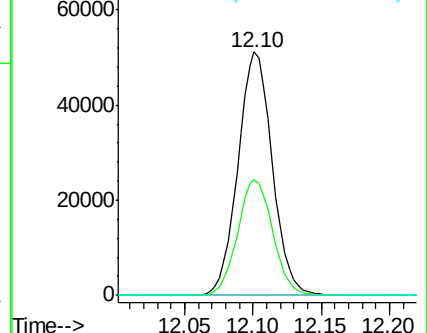
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN063104.D

Acq: 25 Aug 2020 10:28

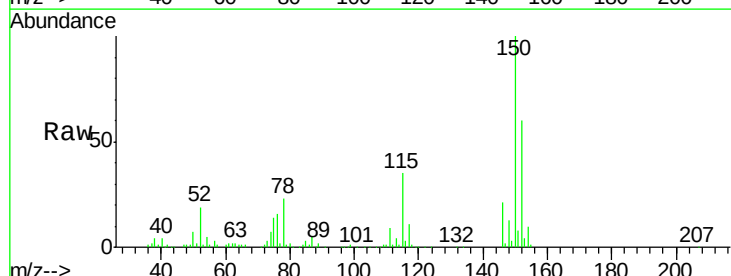
Tgt Ion:152 Resp: 138204

Ion Ratio Lower Upper

152 100

115 58.1 28.7 86.3

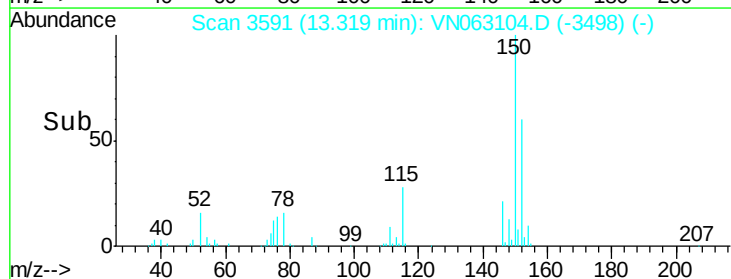
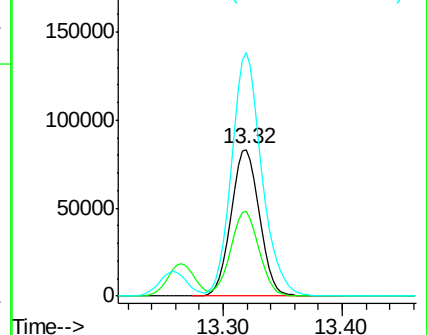
150 175.0 0.0 348.8

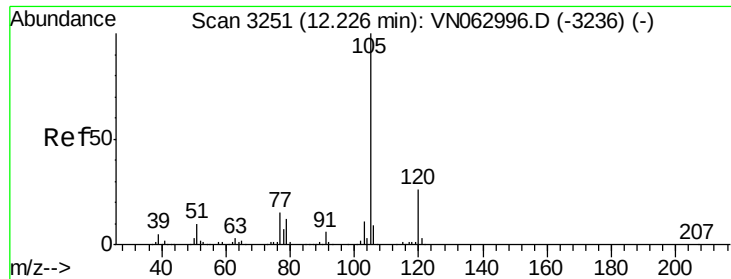


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.394 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. -0.00 min

Lab File: VN063104.D

Acq: 25 Aug 2020 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 476944

Ion Ratio Lower Upper

105 100

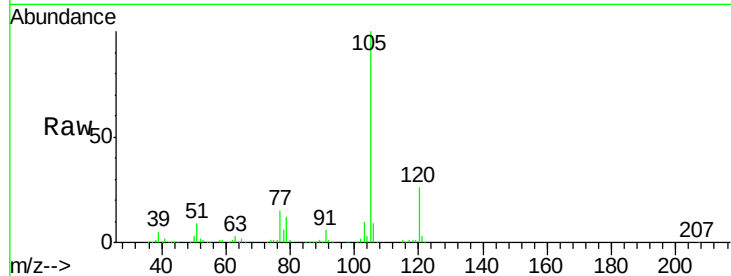
120 26.2 13.2 39.6

Manual Integrations

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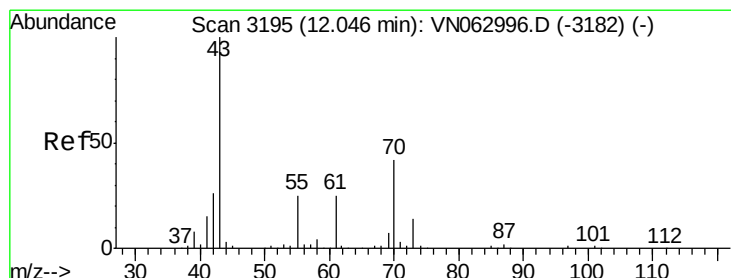
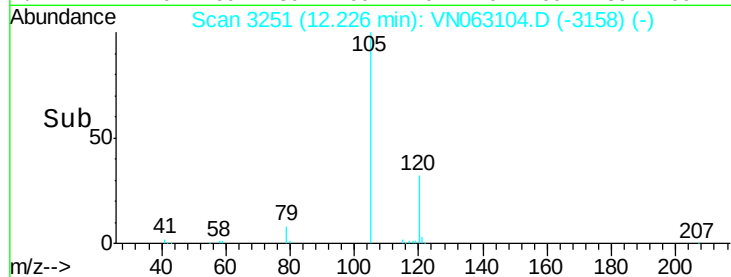
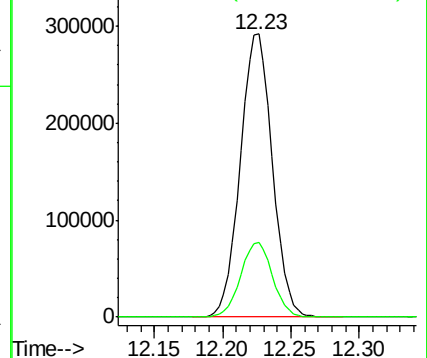
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.145 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN063104.D

Acq: 25 Aug 2020 10:28

Tgt Ion: 43 Resp: 183532

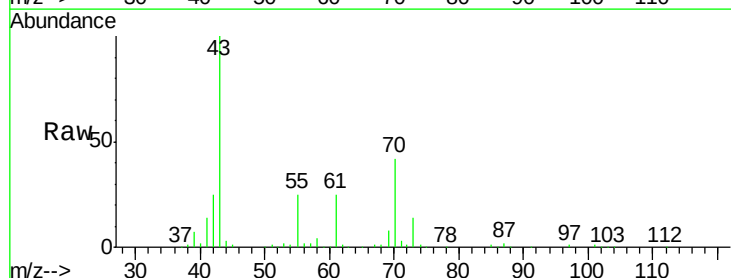
Ion Ratio Lower Upper

43 100

70 42.3 33.4 50.0

55 26.0 20.2 30.2

61 24.8 19.9 29.9

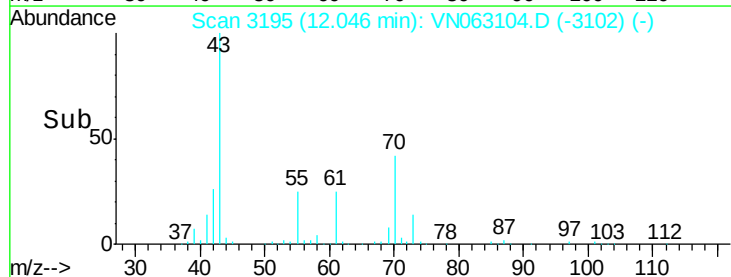
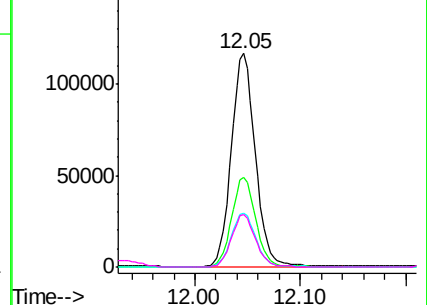


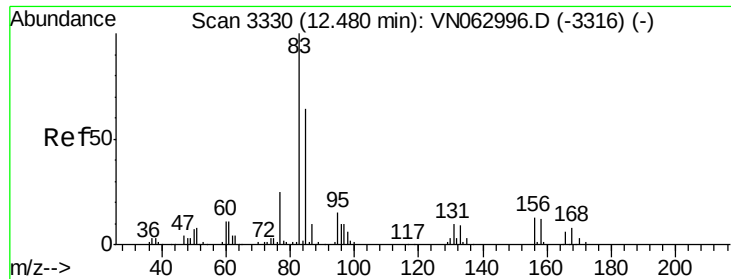
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 51.774 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN063104.D

Acq: 25 Aug 2020 10:28

Instrument :

MSVOA_N

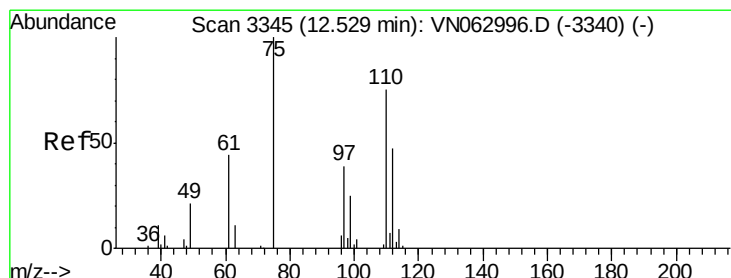
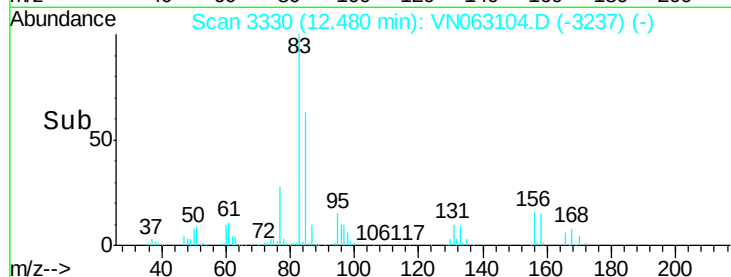
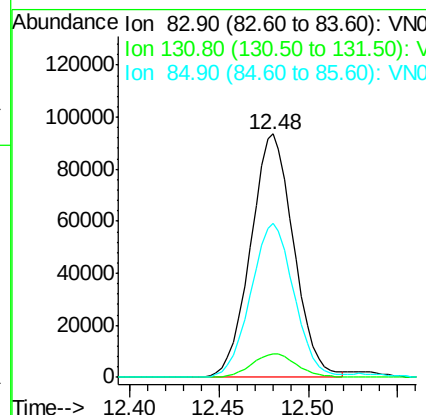
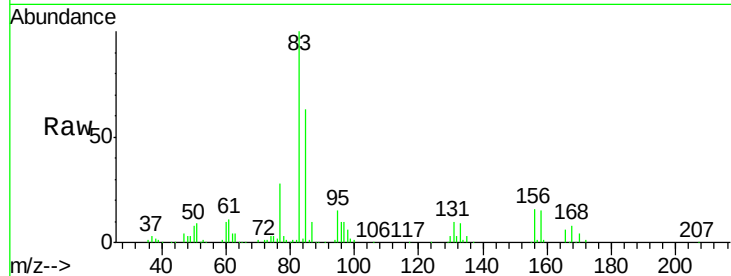
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	157935
Ion Ratio	Lower	Upper	
83	100		
131	10.1	4.9	14.7
85	63.4	31.9	95.5

Manual Integrations
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8/26/2020 11:26:33 AM



#76

1,2,3-Trichloropropane

Concen: 49.594 ug/l m

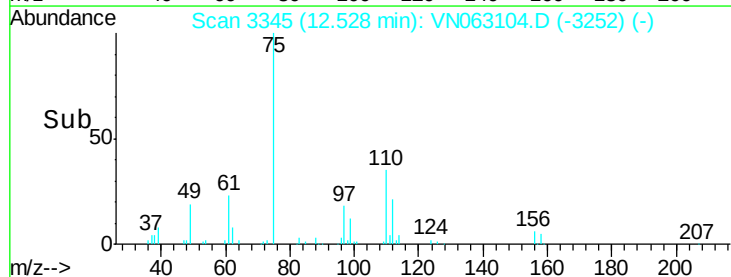
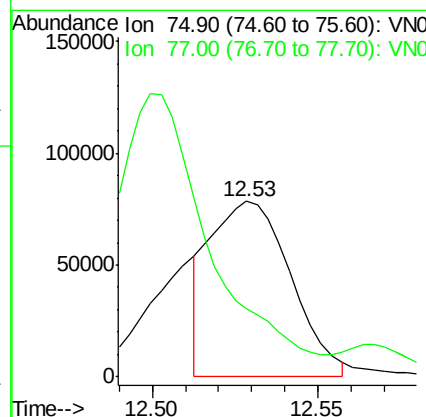
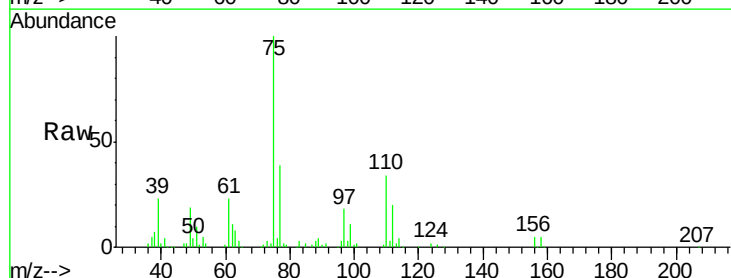
RT: 12.53 min Scan# 3345

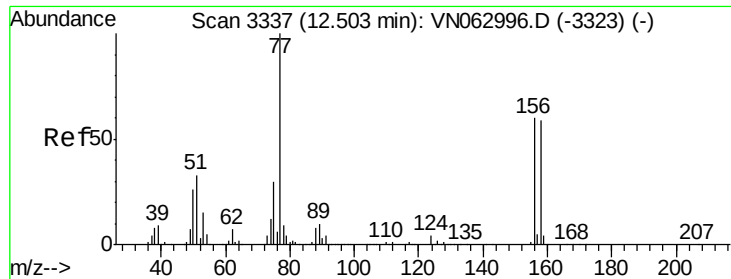
Delta R.T. -0.00 min

Lab File: VN063104.D

Acq: 25 Aug 2020 10:28

Tgt Ion:	75	Resp:	133227
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.066 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN063104.D

Acq: 25 Aug 2020 10:28

Instrument :

MSVOA_N

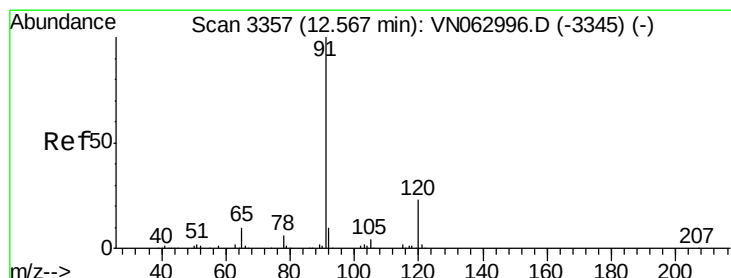
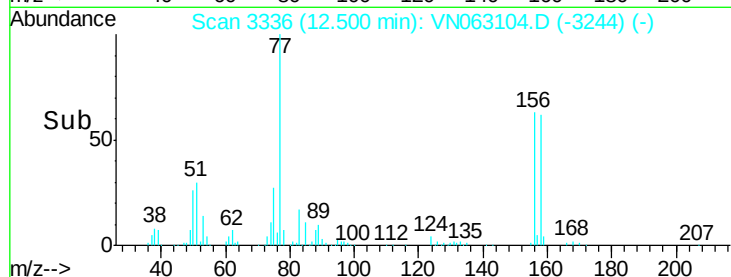
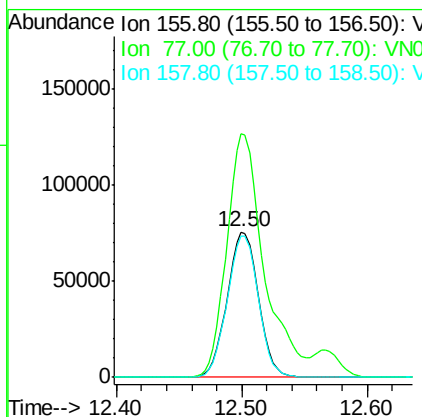
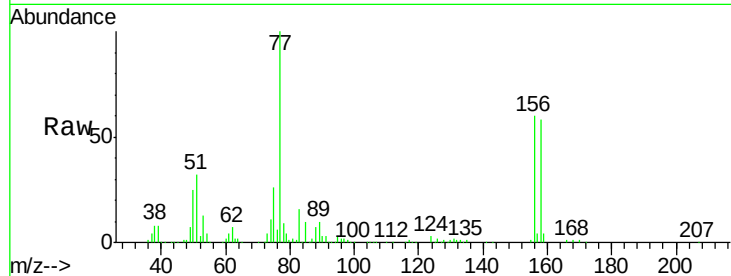
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	199.9	101.0	302.9
158	97.2	49.4	148.0

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#78

n-propylbenzene

Concen: 52.358 ug/l

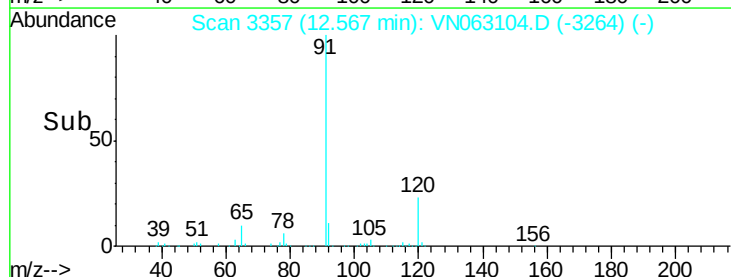
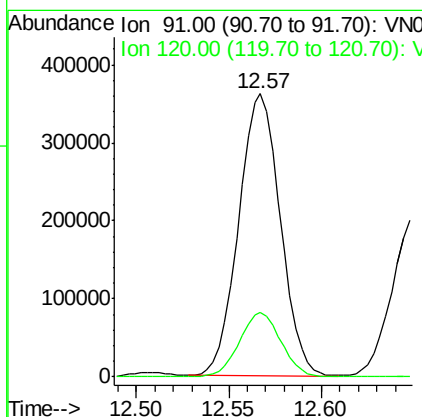
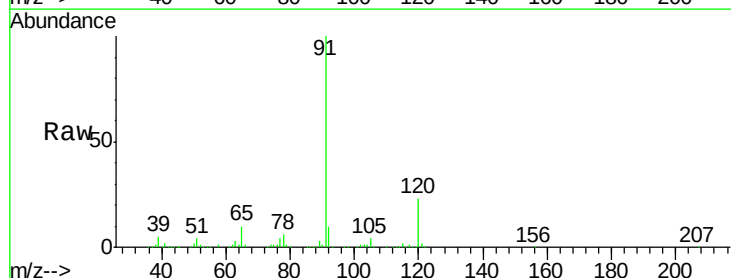
RT: 12.57 min Scan# 3357

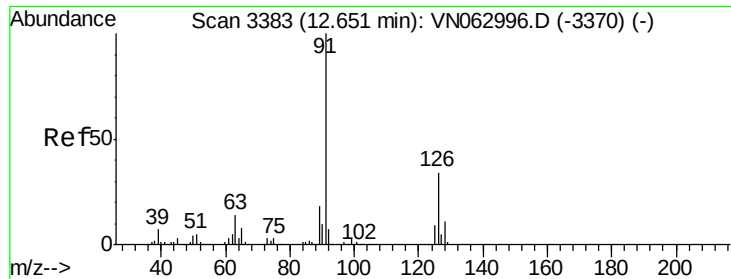
Delta R.T. -0.00 min

Lab File: VN063104.D

Acq: 25 Aug 2020 10:28

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.4	34.1





#79

2-Chlorotoluene

Concen: 49.269 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN063104.D

Acq: 25 Aug 2020 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 334302

Ion Ratio Lower Upper

91 100

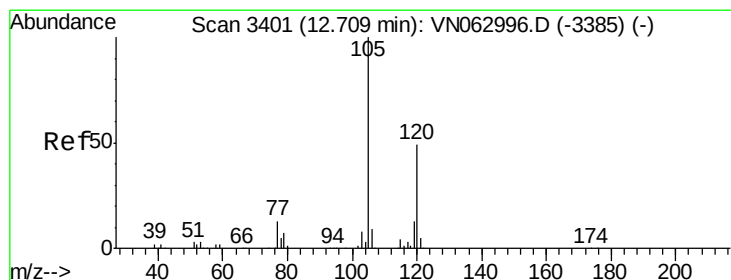
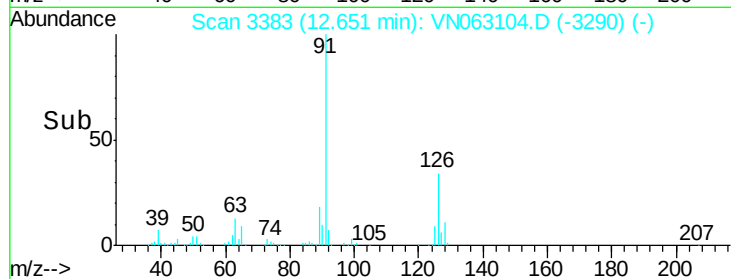
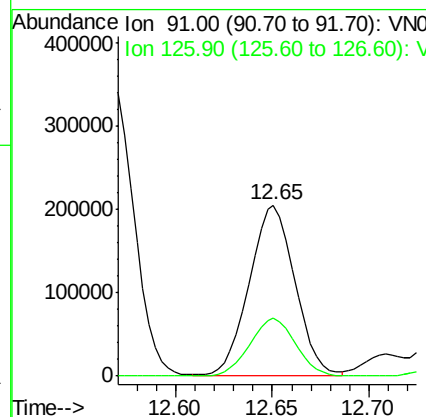
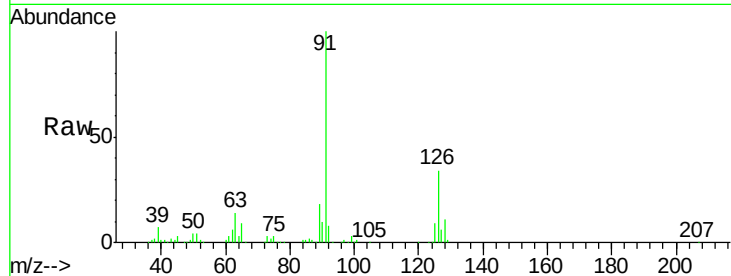
126 34.4 17.1 51.2

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 52.462 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN063104.D

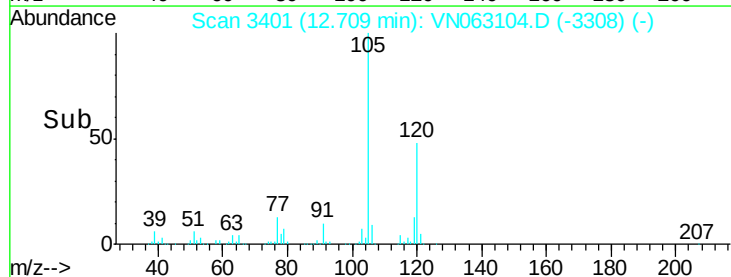
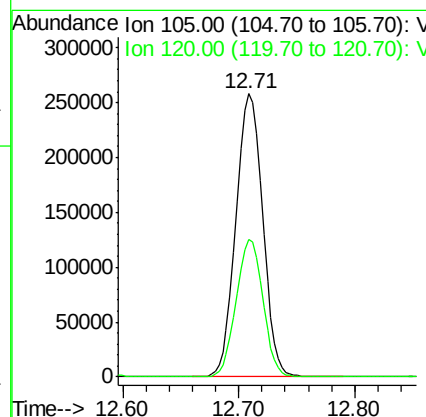
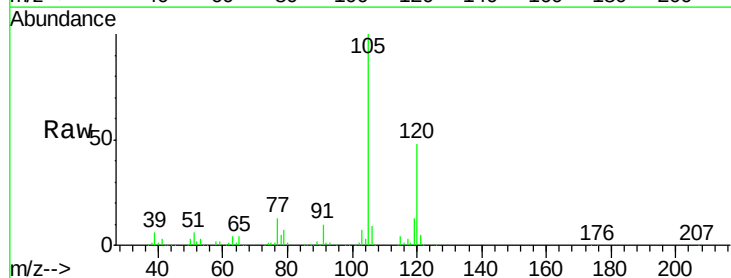
Acq: 25 Aug 2020 10:28

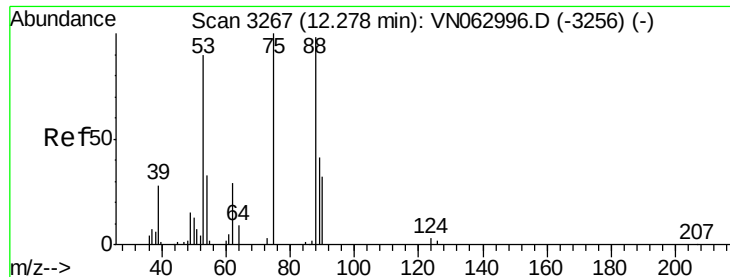
Tgt Ion: 105 Resp: 410442

Ion Ratio Lower Upper

105 100

120 48.6 24.3 72.8





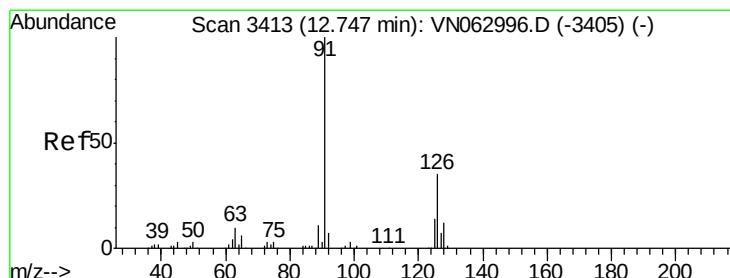
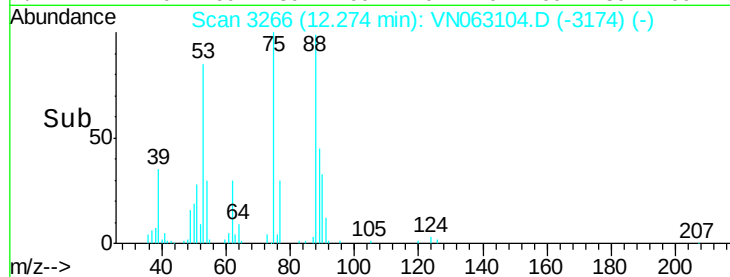
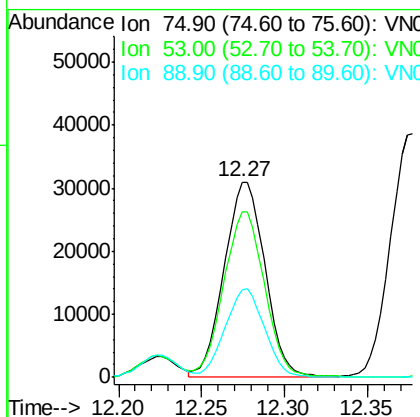
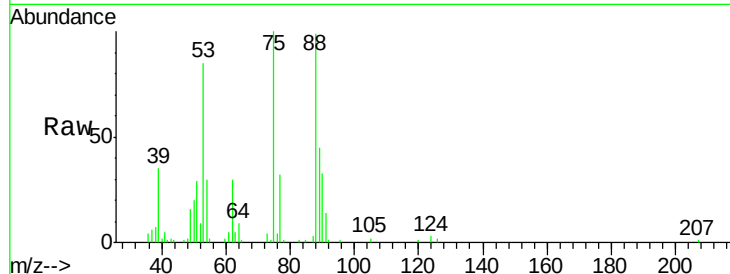
#81
trans-1,4-Dichloro-2-butene
Concen: 54.441 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN063104.D
Acq: 25 Aug 2020 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	85.1	69.2	103.8
89	43.8	34.2	51.4

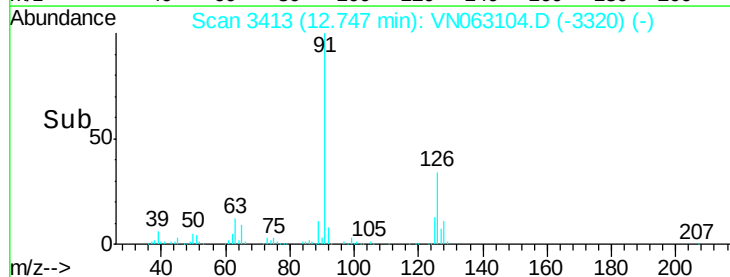
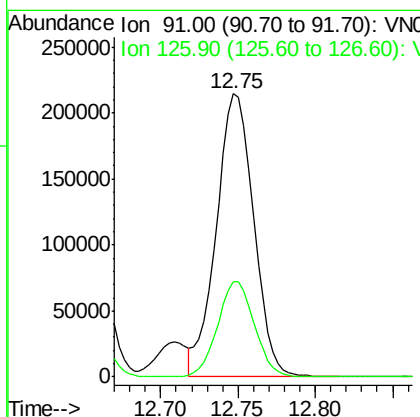
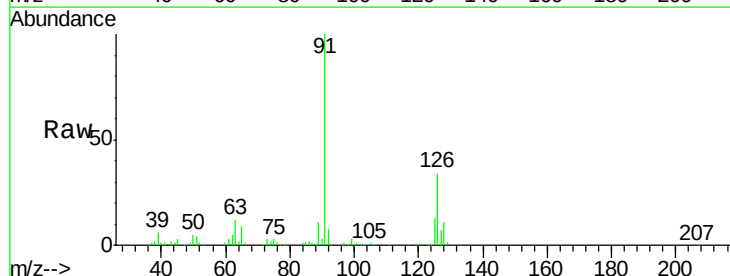
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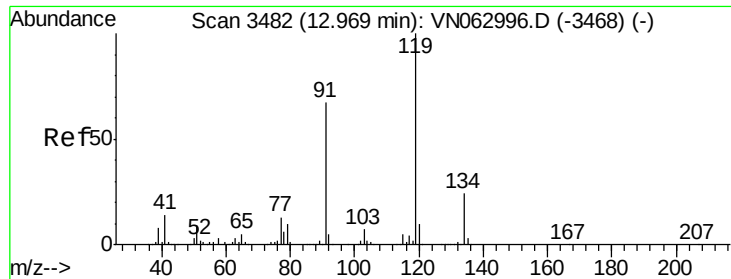
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#82
4-Chlorotoluene
Concen: 51.728 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN063104.D
Acq: 25 Aug 2020 10:28

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.5	49.5





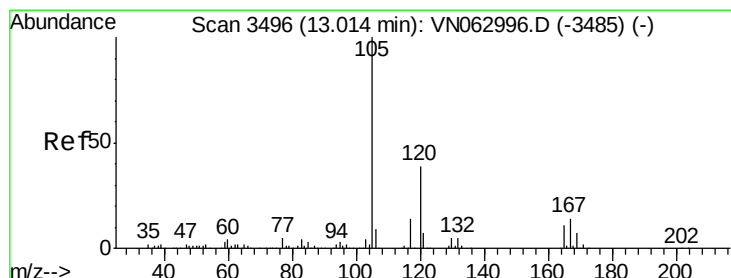
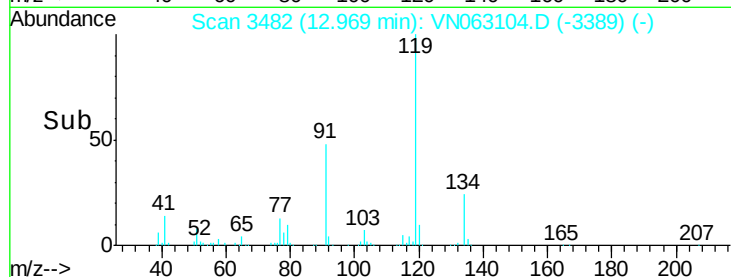
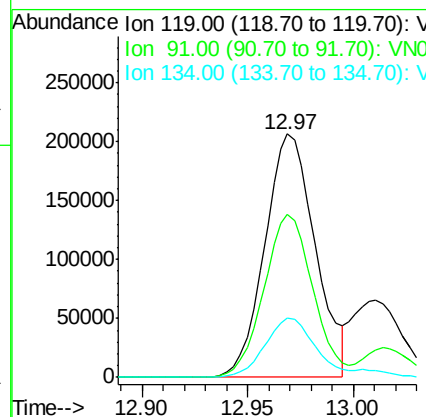
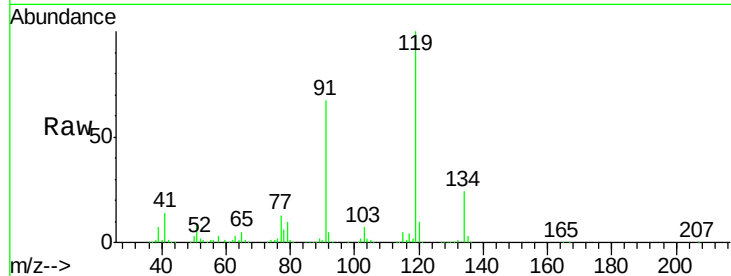
#83
 tert-Butylbenzene
 Concen: 50.876 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN063104.D
 Acq: 25 Aug 2020 10:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	343545		
91	65.0	32.5	97.4	
134	26.2	13.1	39.3	

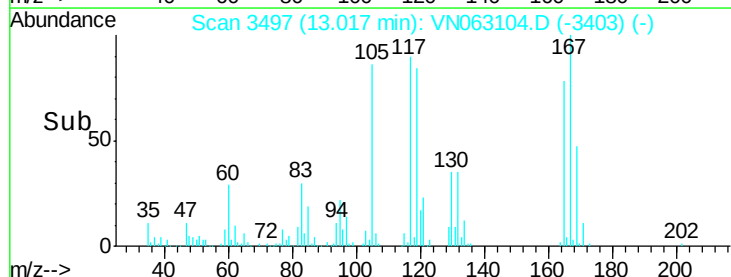
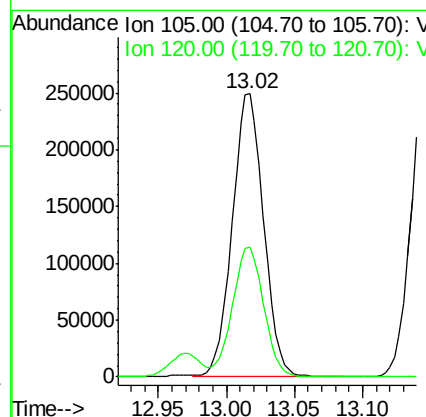
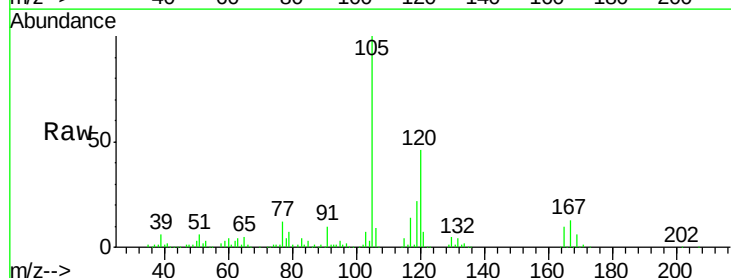
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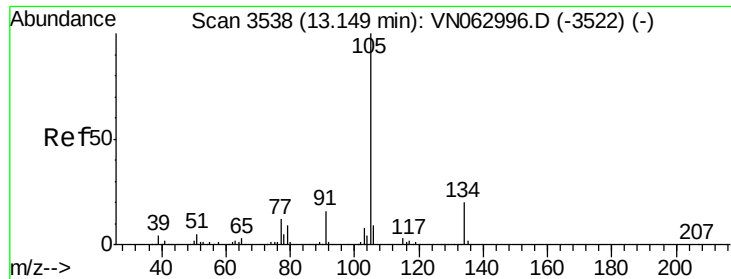
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.925 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. 0.00 min
 Lab File: VN063104.D
 Acq: 25 Aug 2020 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	395765		
120	45.9	22.5	67.5	





#85

sec-Butylbenzene

Concen: 50.132 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. -0.00 min

Lab File: VN063104.D

Acq: 25 Aug 2020 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 457507

Ion Ratio Lower Upper

105 100

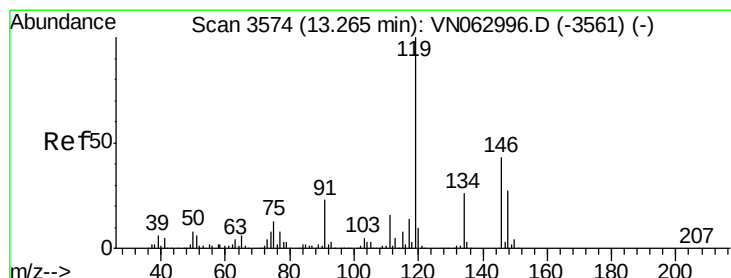
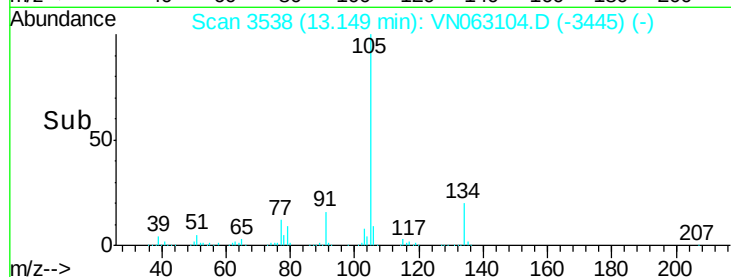
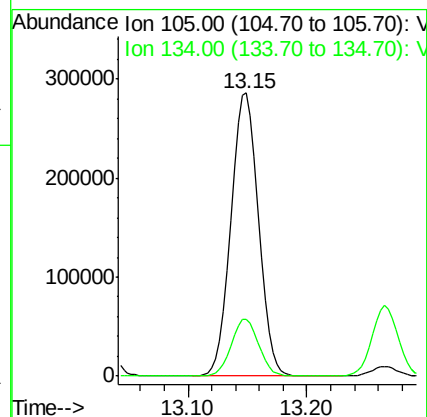
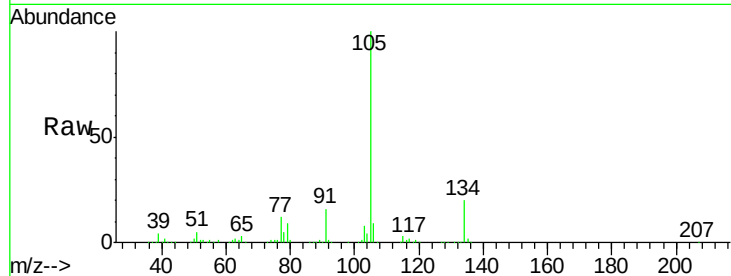
134 20.0 9.8 29.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 50.833 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN063104.D

Acq: 25 Aug 2020 10:28

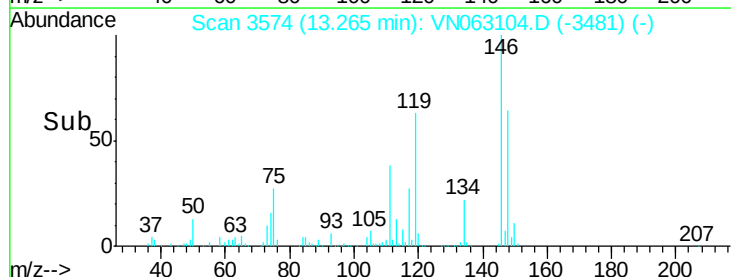
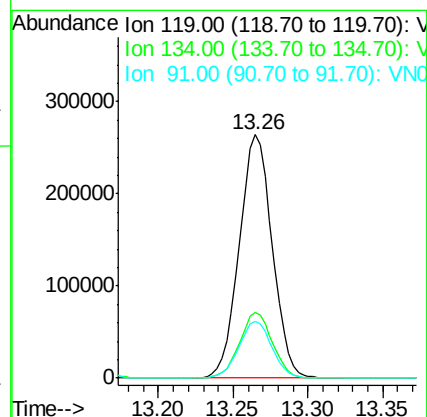
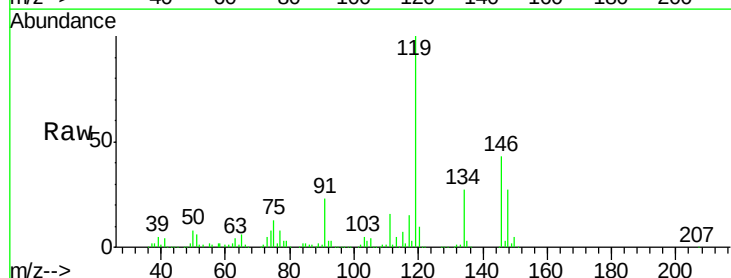
Tgt Ion:119 Resp: 404210

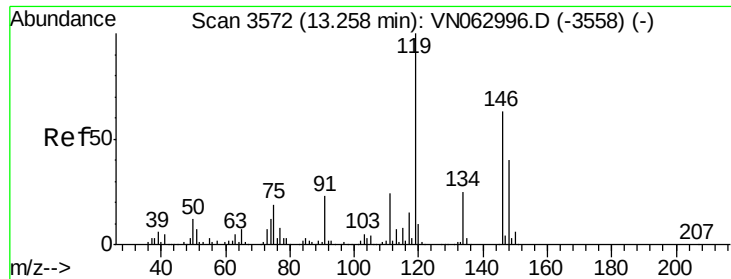
Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.3

91 23.7 11.5 34.4





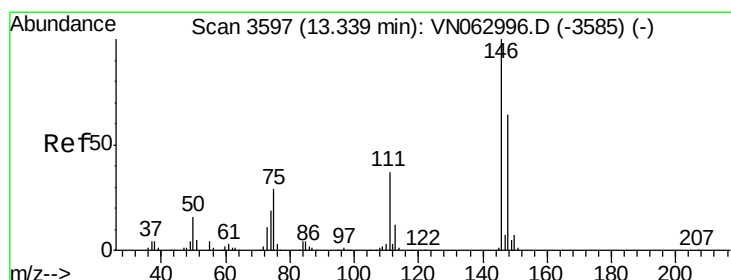
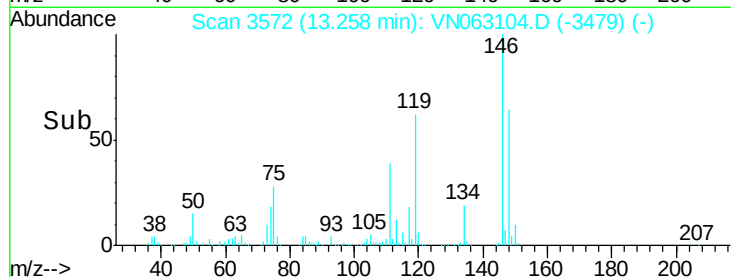
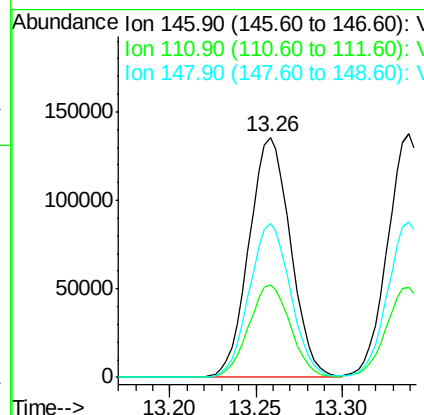
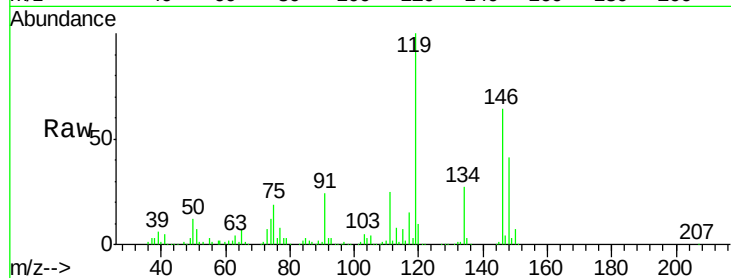
#87
 1,3-Dichlorobenzene
 Concen: 50.809 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN063104.D
 Acq: 25 Aug 2020 10:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.4	58.1
148	63.8	32.0	96.0

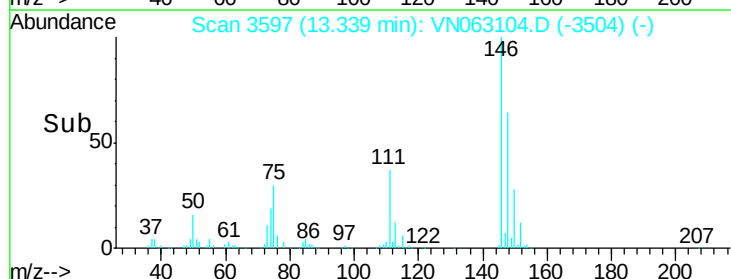
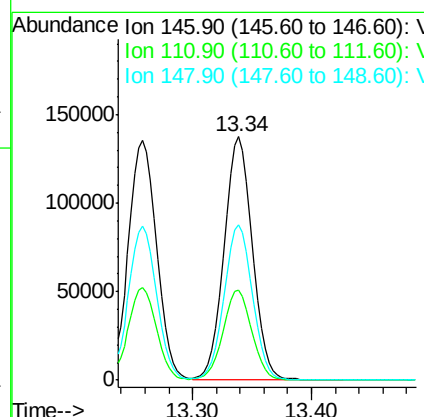
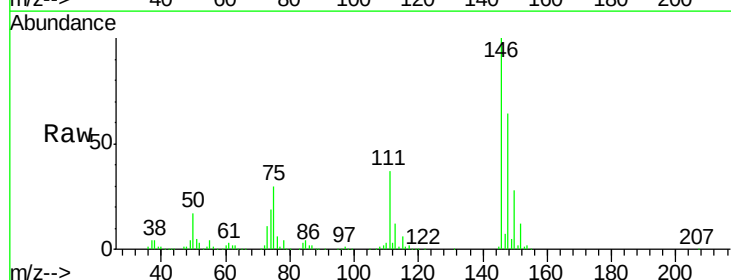
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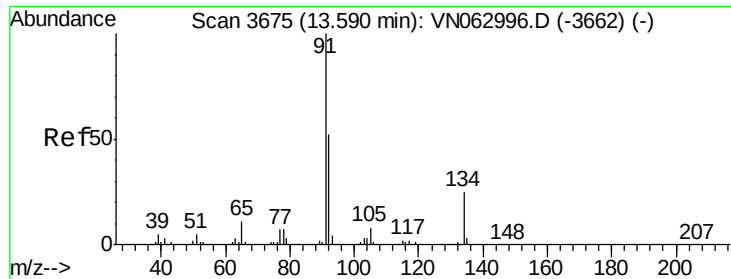
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#88
 1,4-Dichlorobenzene
 Concen: 49.665 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN063104.D
 Acq: 25 Aug 2020 10:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.8	56.4
148	64.0	32.4	97.0





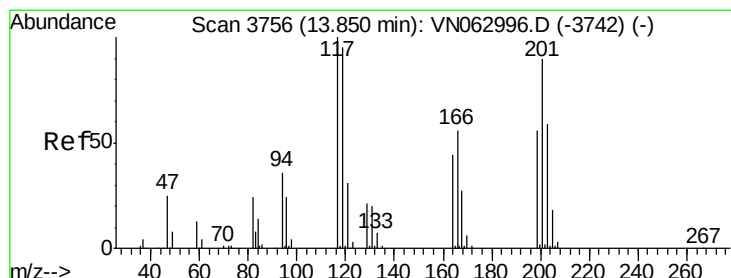
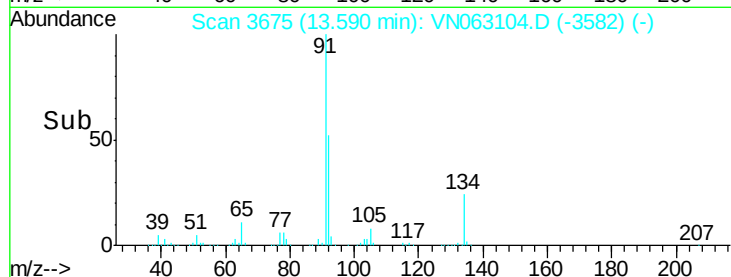
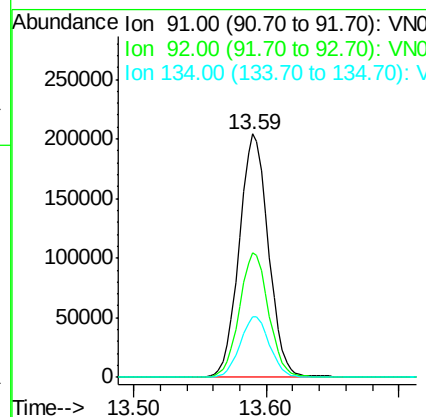
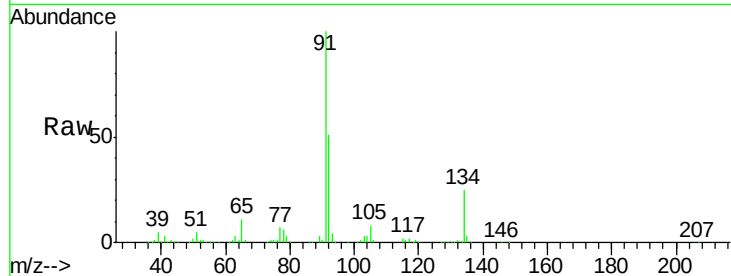
#89
n-Butylbenzene
Concen: 41.984 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN063104.D
Acq: 25 Aug 2020 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.2	25.9	77.6
134	25.3	12.4	37.0

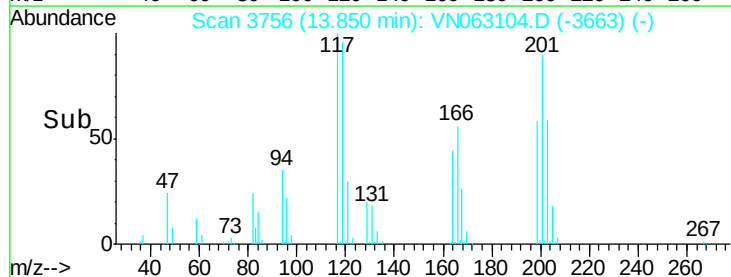
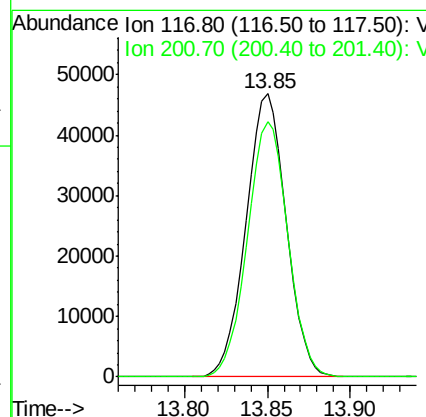
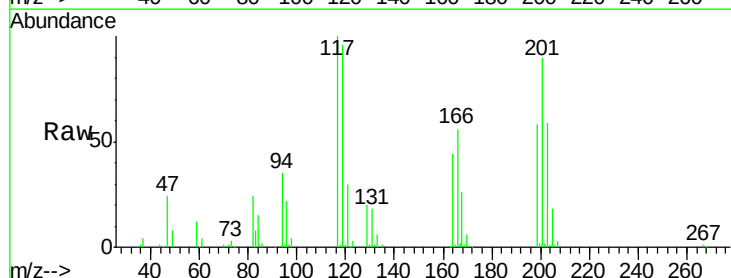
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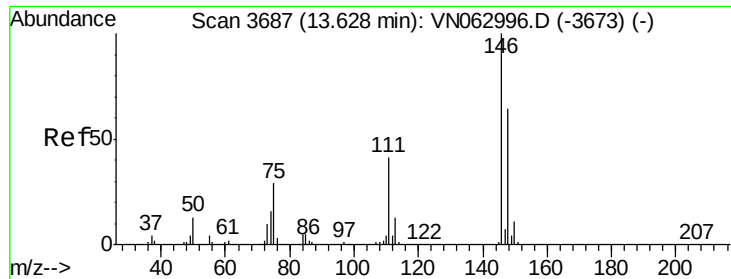
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#90
Hexachloroethane
Concen: 46.761 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN063104.D
Acq: 25 Aug 2020 10:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.8	44.1	132.4





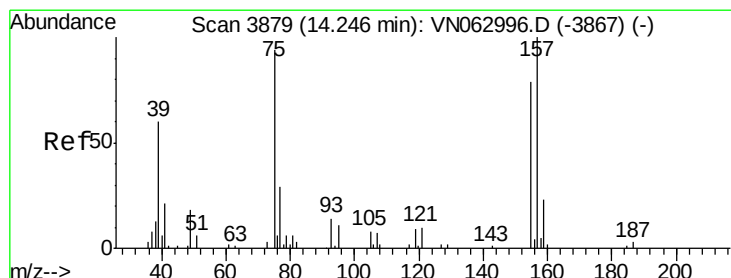
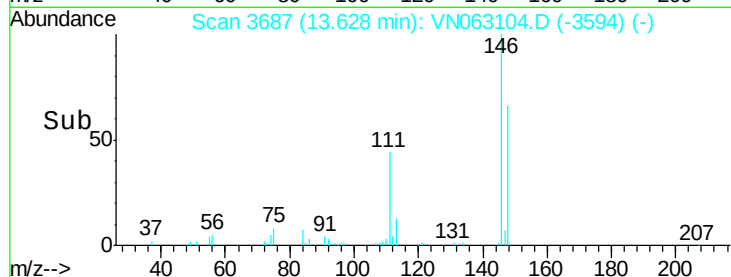
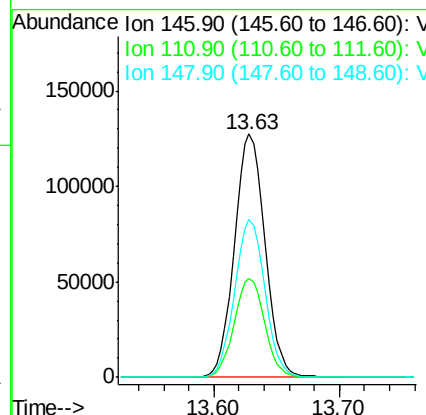
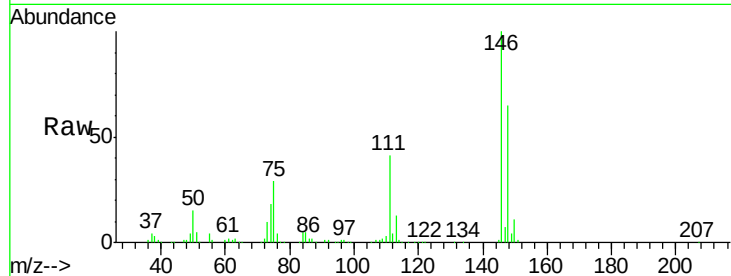
#91
 1,2-Dichlorobenzene
 Concen: 50.028 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN063104.D
 Acq: 25 Aug 2020 10:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.2	60.5
148	64.3	31.9	95.5

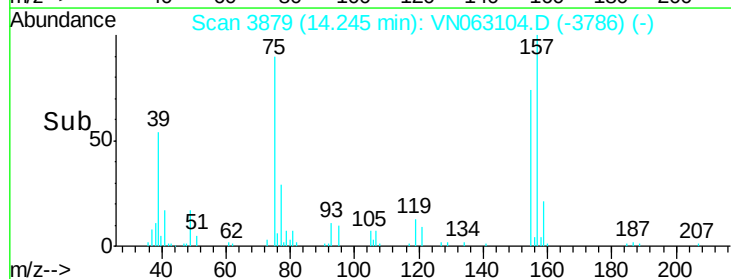
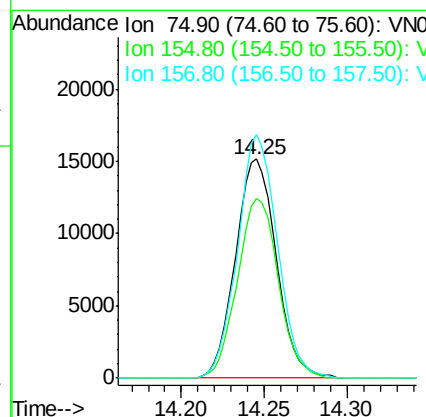
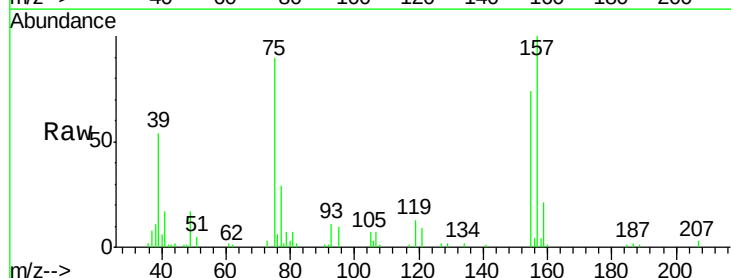
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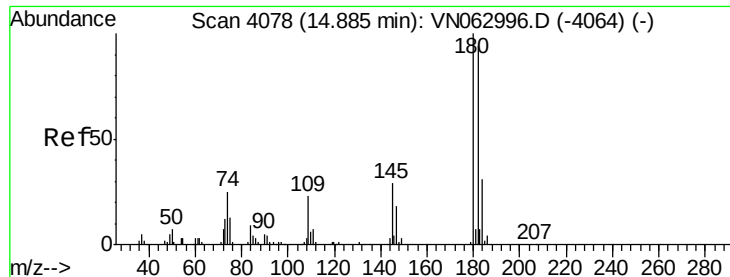
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.737 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN063104.D
 Acq: 25 Aug 2020 10:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.0	42.4	127.1
157	108.3	55.2	165.6





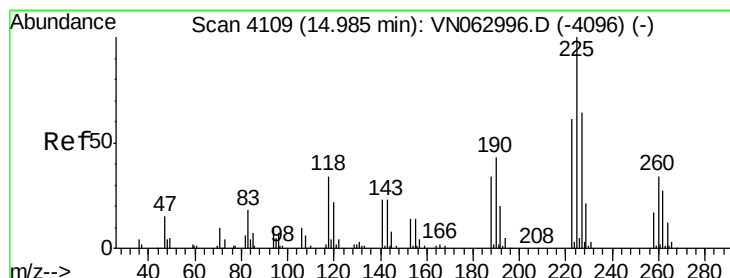
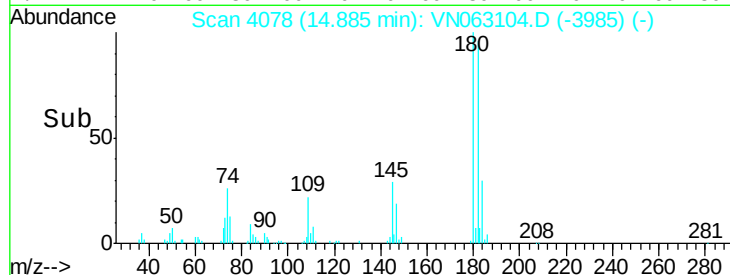
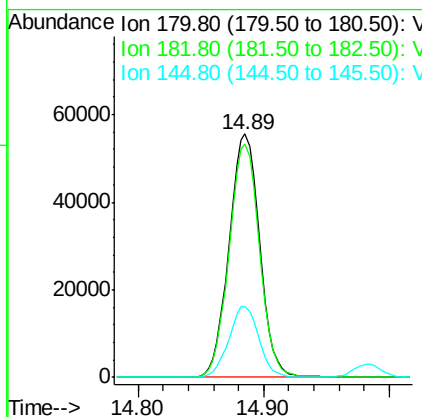
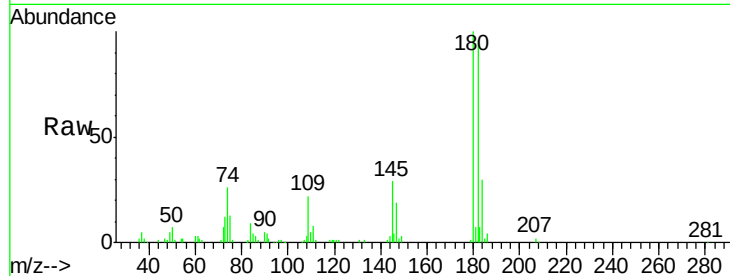
#93
 1,2,4-Trichlorobenzene
 Concen: 40.272 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN063104.D
 Acq: 25 Aug 2020 10:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	94131		
182	95.5	47.0	141.2	
145	28.5	14.1	42.4	

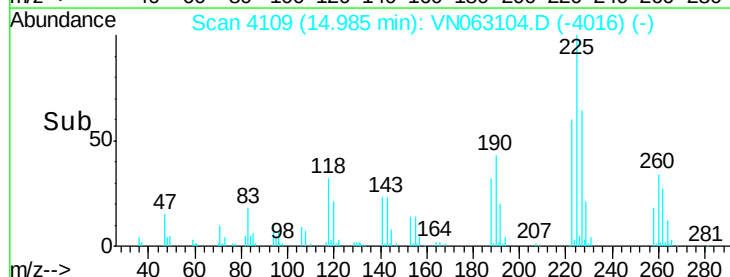
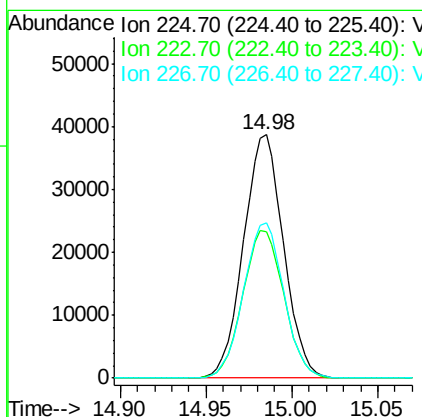
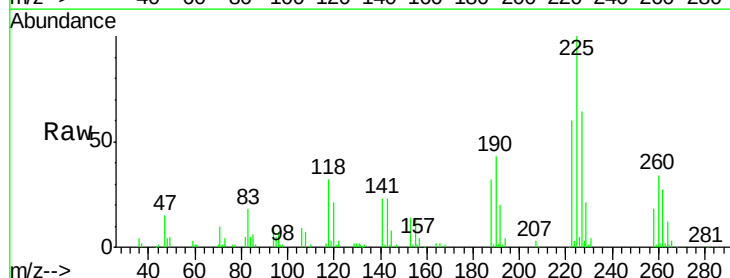
Manual Integrations
 APPROVED

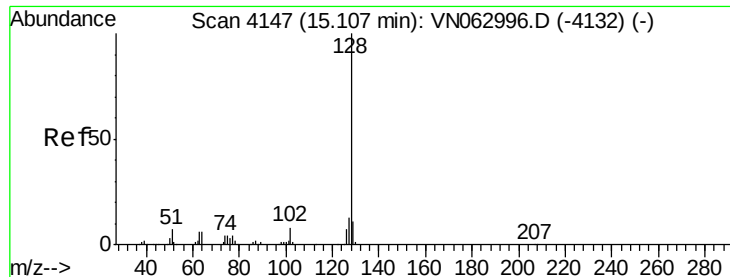
MMDadoda
 8/26/2020 11:26:33 AM



#94
 Hexachlorobutadiene
 Concen: 39.173 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. -0.00 min
 Lab File: VN063104.D
 Acq: 25 Aug 2020 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	62549		
223	62.4	30.9	92.5	
227	64.1	31.9	95.9	





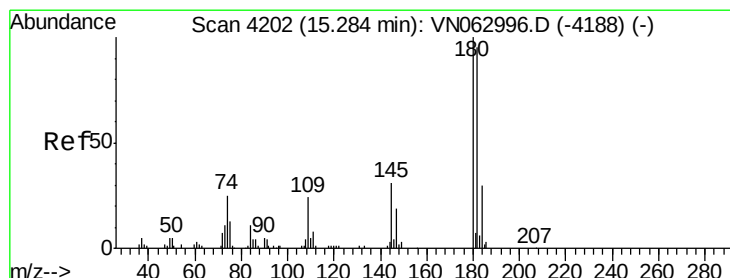
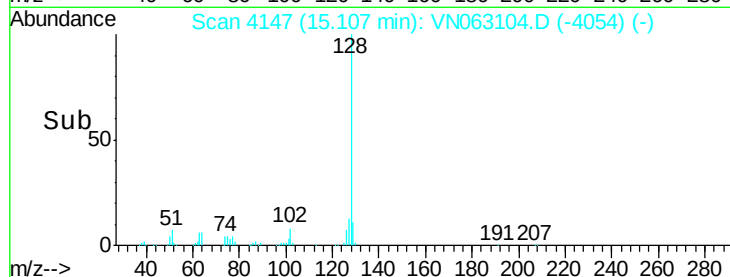
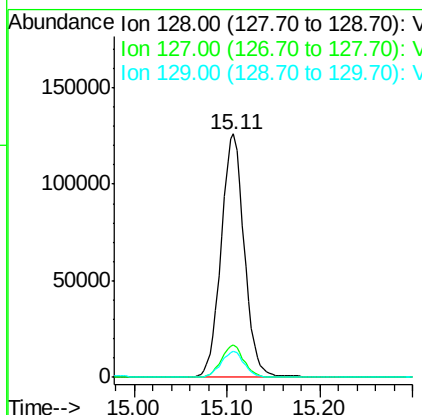
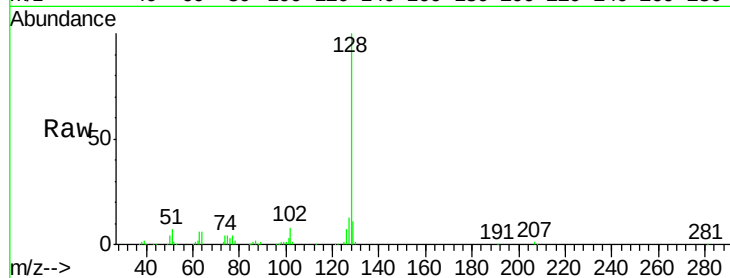
#95
Naphthalene
Concen: 40.880 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN063104.D
Acq: 25 Aug 2020 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	219026		
127	12.9		10.6	16.0
129	10.6		8.9	13.3

Manual Integrations
APPROVED

MMDadoda
8/26/2020 11:26:33 AM



#96
1,2,3-Trichlorobenzene
Concen: 39.806 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN063104.D
Acq: 25 Aug 2020 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	91403		
182	95.5		47.3	141.9
145	30.1		15.6	46.7

