

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072220\
 Data File : VN062586.D
 Acq On : 22 Jul 2020 10:27
 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

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 7/23/2020 2:14:58 PM

Quant Time: Jul 23 07:21:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	192866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	313358	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	301031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	144655	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	146678	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
35) Dibromofluoromethane	7.54	113	102630	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
50) Toluene-d8	10.06	98	406394	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
62) 4-Bromofluorobenzene	12.37	95	154361	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	112830	49.045	ug/l	99
3) Chloromethane	2.03	50	153718	49.265	ug/l	99
4) Vinyl Chloride	2.16	62	128379	47.461	ug/l	99
5) Bromomethane	2.49	94	57314	47.839	ug/l	96
6) Chloroethane	2.64	64	61288	50.090	ug/l	99
7) Trichlorofluoromethane	2.97	101	151981	47.855	ug/l	99
8) Diethyl Ether	3.37	74	75747	51.003	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	104327	51.236	ug/l	99
10) Methyl Iodide	3.90	142	132981	51.083	ug/l	99
11) Tert butyl alcohol	4.74	59	112186	235.379	ug/l	99
12) 1,1-Dichloroethene	3.69	96	98958	47.919	ug/l	98
13) Acrolein	3.56	56	123533	248.585	ug/l	99
14) Allyl chloride	4.27	41	221015	49.477	ug/l	99
15) Acrylonitrile	4.92	53	326072	255.421	ug/l	99
16) Acetone	3.77	43	308730	273.831	ug/l	98
17) Carbon Disulfide	4.00	76	314075	46.288	ug/l	99
18) Methyl Acetate	4.27	43	144904	50.768	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	389906	51.298	ug/l	98
20) Methylene Chloride	4.49	84	129286	47.811	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	107958	47.102	ug/l	98
22) Diisopropyl ether	5.90	45	456582	51.421	ug/l	97
23) Vinyl Acetate	5.84	43	1910609	262.609	ug/l	100
24) 1,1-Dichloroethane	5.79	63	238713	49.925	ug/l	99
25) 2-Butanone	6.78	43	451401	262.890	ug/l	98
26) 2,2-Dichloropropane	6.77	77	190110	48.434	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	127858	48.887	ug/l	100
28) Bromochloromethane	7.15	49	123109	52.318	ug/l	100
29) Tetrahydrofuran	7.16	42	294471	253.446	ug/l	100
30) Chloroform	7.32	83	223450	49.151	ug/l	99
31) Cyclohexane	7.61	56	205797	46.617	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	187060	49.283	ug/l	99
36) 1,1-Dichloropropene	7.75	75	166760	49.927	ug/l	99
37) Ethyl Acetate	6.88	43	185514	51.526	ug/l	99
38) Carbon Tetrachloride	7.73	117	164913	51.366	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	186506	51.873	ug/l	98
40) Benzene	8.00	78	511938	50.627	ug/l	100
41) Methacrylonitrile	7.12	41	93371	60.510	ug/l #	83
42) 1,2-Dichloroethane	8.08	62	190494	51.529	ug/l	100
43) Isopropyl Acetate	8.12	43	307126	52.915	ug/l	98
44) Trichloroethene	8.80	130	113476	49.762	ug/l	97
45) 1,2-Dichloropropane	9.08	63	147056	51.796	ug/l	99
46) Dibromomethane	9.17	93	85219	51.933	ug/l	100
47) Bromodichloromethane	9.37	83	184107	51.788	ug/l	99
48) Methyl methacrylate	9.17	41	150145	54.419	ug/l	98
49) 1,4-Dioxane	9.17	88	46032	1086.267	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	944393	271.937	ug/l	100
52) Toluene	10.12	92	310419	52.867	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	212691	53.743	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	230412	54.259	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	121651	53.413	ug/l	99
56) Ethyl methacrylate	10.40	69	207662	50.750	ug/l	99
57) 1,3-Dichloropropane	10.68	76	220402	52.822	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	315755	255.782	ug/l	100
59) 2-Hexanone	10.72	43	692492	257.743	ug/l	100
60) Dibromochloromethane	10.87	129	137395	54.075	ug/l	100
61) 1,2-Dibromoethane	10.98	107	125272	52.821	ug/l	99
64) Tetrachloroethene	10.60	164	94974	48.558	ug/l	98
65) Chlorobenzene	11.40	112	322491	51.101	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	120566	50.783	ug/l	98
67) Ethyl Benzene	11.48	91	598276	51.704	ug/l	100
68) m/p-Xylenes	11.59	106	439284	105.622	ug/l	100
69) o-Xylene	11.92	106	213701	54.110	ug/l	99
70) Styrene	11.94	104	369155	55.333	ug/l	100
71) Bromoform	12.10	173	94821	53.193	ug/l #	99
73) Isopropylbenzene	12.22	105	566619	49.538	ug/l	100
74) N-amyl acetate	12.04	43	274642	53.766	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	189346	47.638	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	163885m	44.510	ug/l	
77) Bromobenzene	12.50	156	137393	49.984	ug/l	96
78) n-propylbenzene	12.56	91	681136	50.838	ug/l	99
79) 2-Chlorotoluene	12.65	91	413487	50.077	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	499489	52.645	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	67655	51.151	ug/l	98
82) 4-Chlorotoluene	12.75	91	432455	50.318	ug/l	100
83) tert-Butylbenzene	12.97	119	401800	51.001	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	493564	53.028	ug/l	99
85) sec-Butylbenzene	13.15	105	542744	51.458	ug/l	100
86) p-Isopropyltoluene	13.26	119	488359	53.834	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	242945	50.365	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	239779	50.496	ug/l	100
89) n-Butylbenzene	13.59	91	408397	52.394	ug/l	99
90) Hexachloroethane	13.85	117	92761	48.034	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	233803	50.690	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	37115	51.431	ug/l	99

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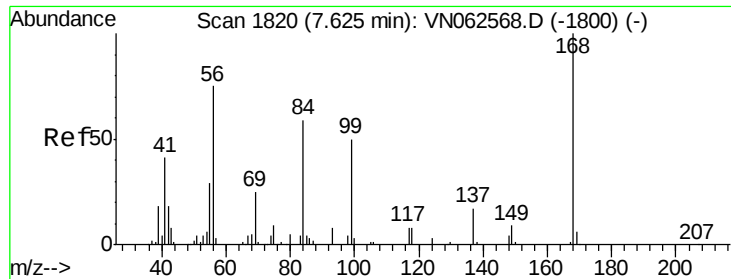
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	111691	46.300	ug/l	99
94) Hexachlorobutadiene	14.98	225	65927	52.861	ug/l	99
95) Naphthalene	15.10	128	296198	46.341	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	112513	51.763	ug/l	98

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



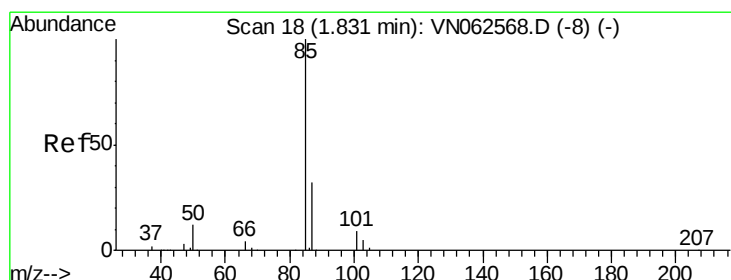
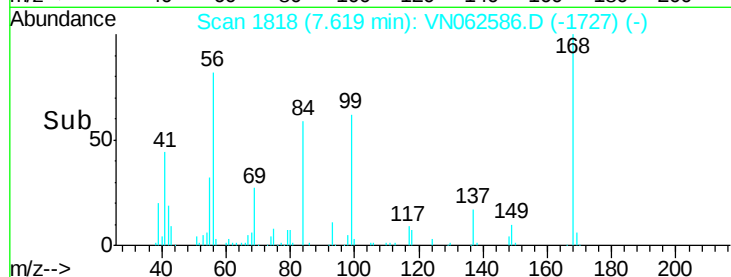
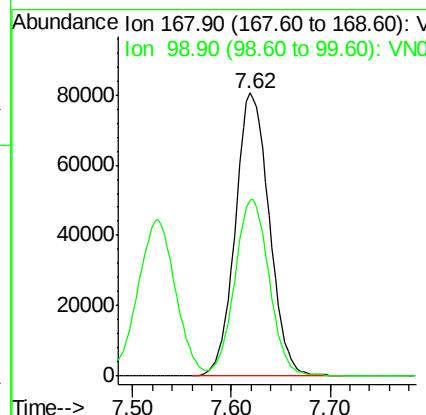
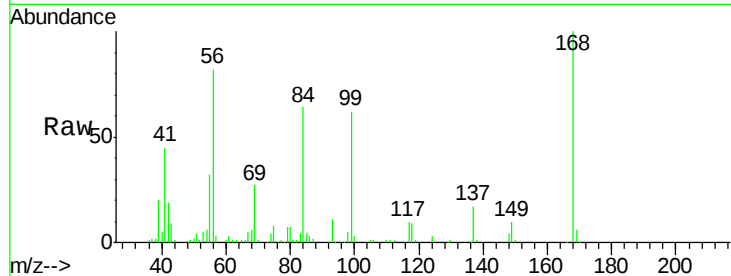
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.62 min Scan# 1818
Delta R.T. -0.01 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:168 Resp: 192866
Ion Ratio Lower Upper
168 100
99 62.1 48.4 72.6

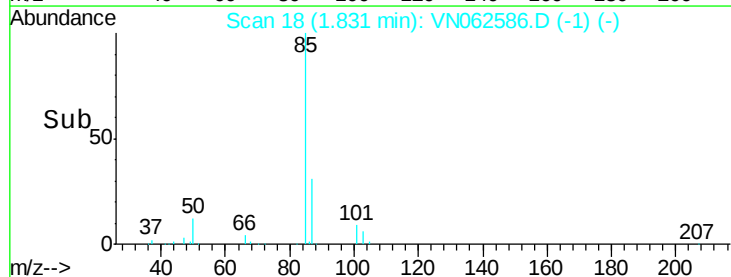
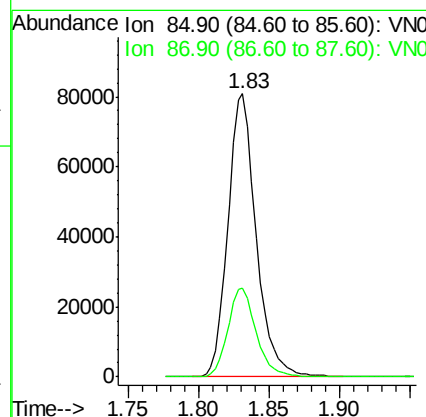
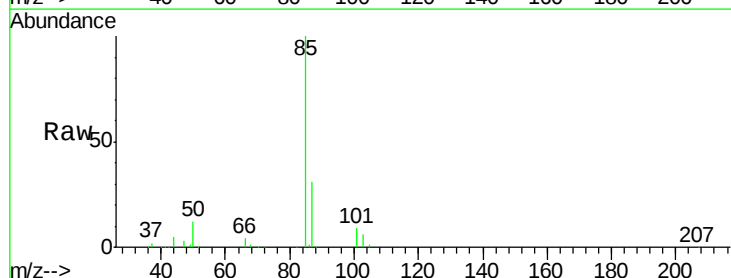
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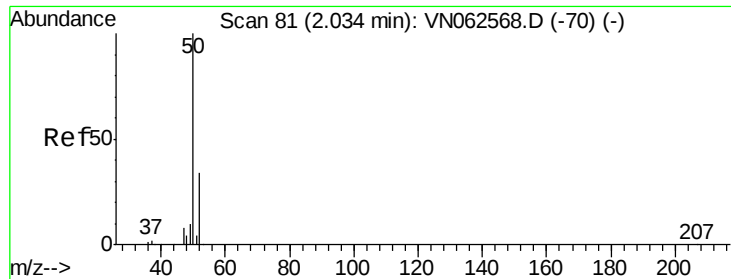
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#2
Dichlorodifluoromethane
Concen: 49.045 ug/l
RT: 1.83 min Scan# 18
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Tgt Ion: 85 Resp: 112830
Ion Ratio Lower Upper
85 100
87 31.4 16.0 48.0





#3

Chloromethane

Concen: 49.265 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 153718

Ion Ratio Lower Upper

50 100

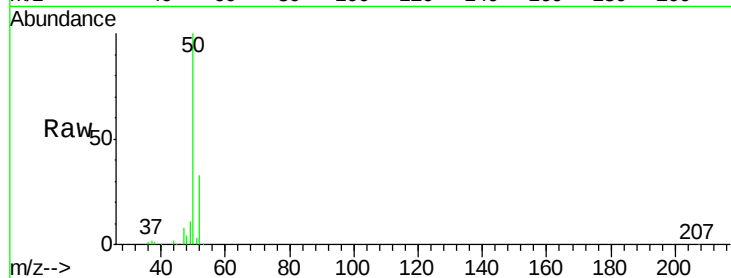
52 33.3 27.0 40.4

Manual Integrations

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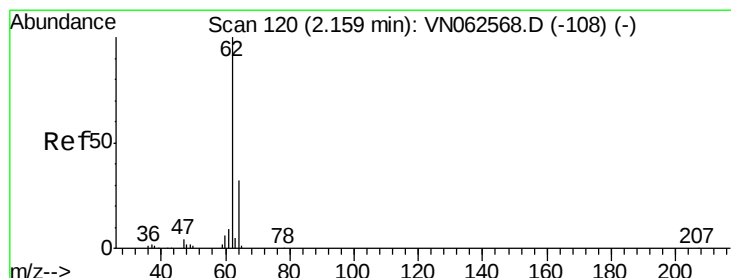
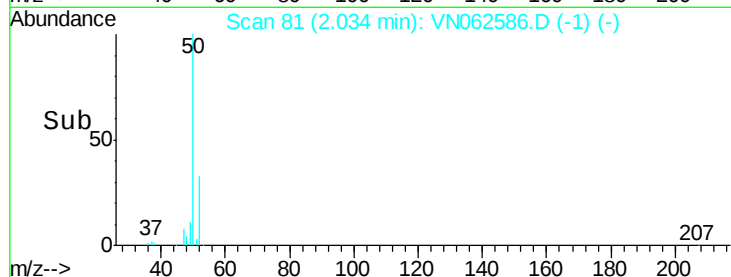
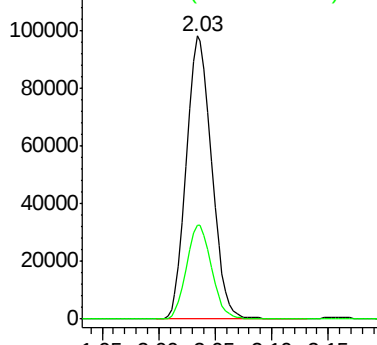
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 47.461 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062586.D

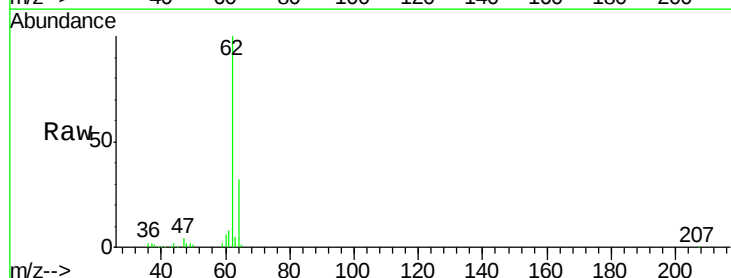
Acq: 22 Jul 2020 10:27

Tgt Ion: 62 Resp: 128379

Ion Ratio Lower Upper

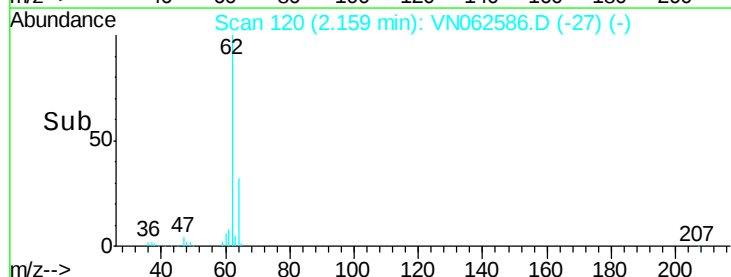
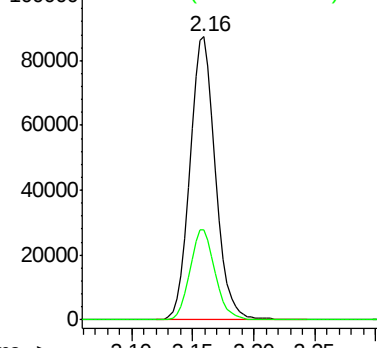
62 100

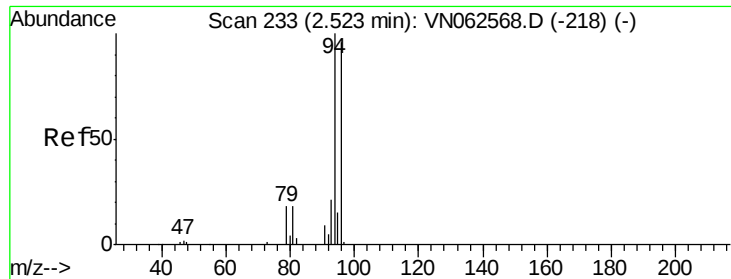
64 31.9 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 47.839 ug/l

RT: 2.49 min Scan# 224

Delta R.T. -0.03 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 57314

Ion Ratio Lower Upper

94 100

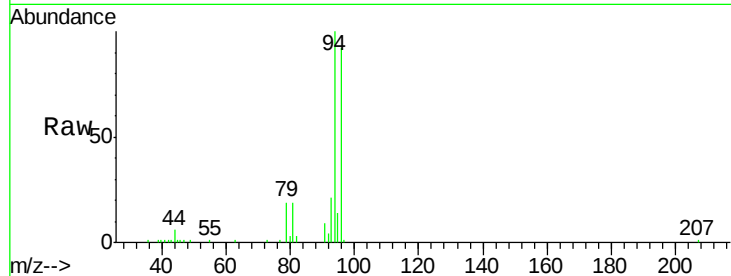
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Manual Integrations

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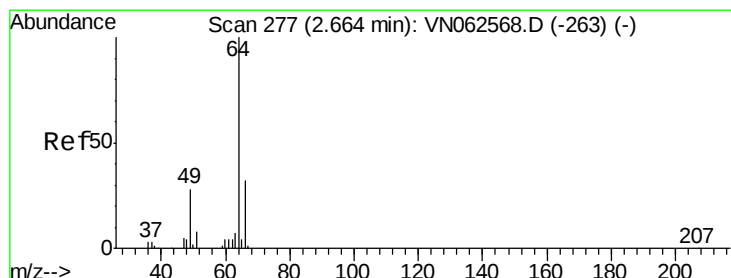
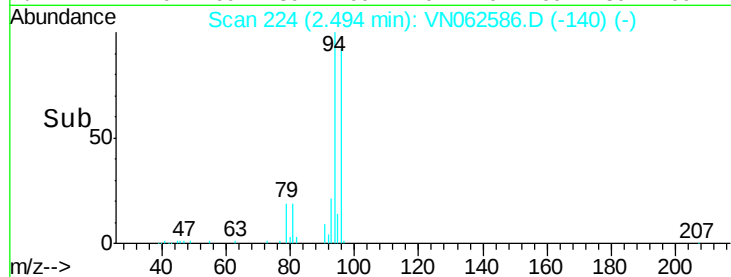
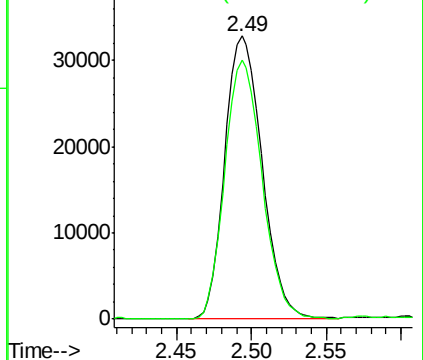
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 50.090 ug/l

RT: 2.64 min Scan# 271

Delta R.T. -0.02 min

Lab File: VN062586.D

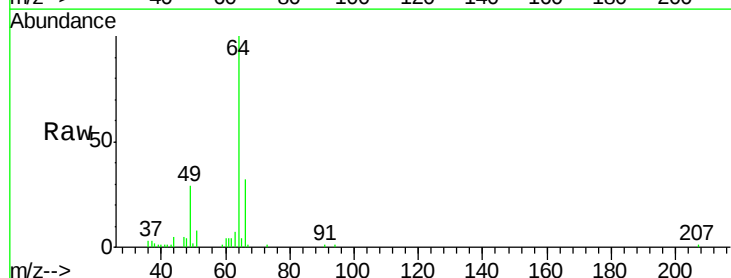
Acq: 22 Jul 2020 10:27

Tgt Ion: 64 Resp: 61288

Ion Ratio Lower Upper

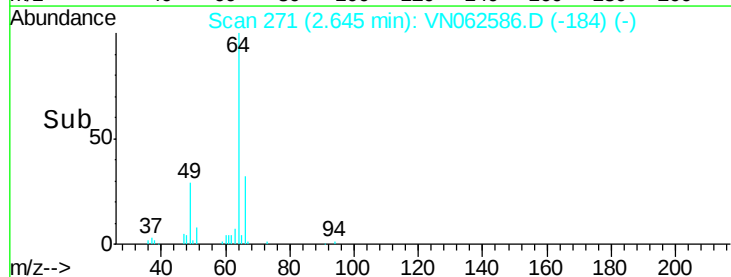
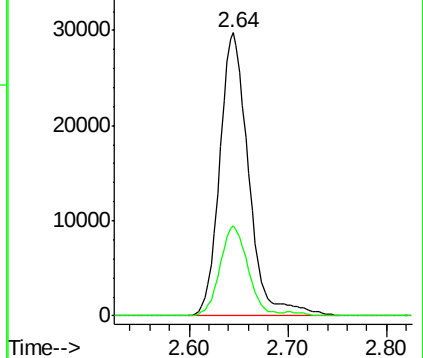
64 100

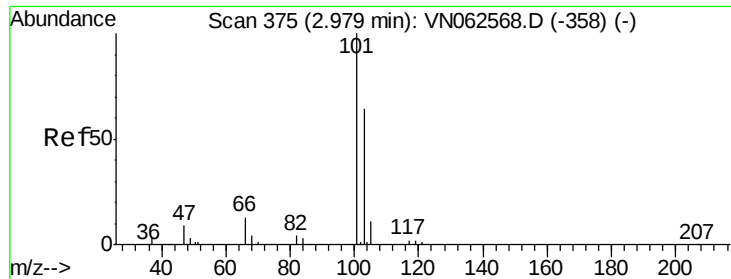
66 31.6 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

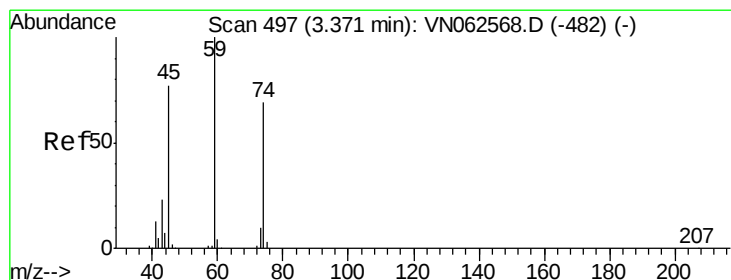
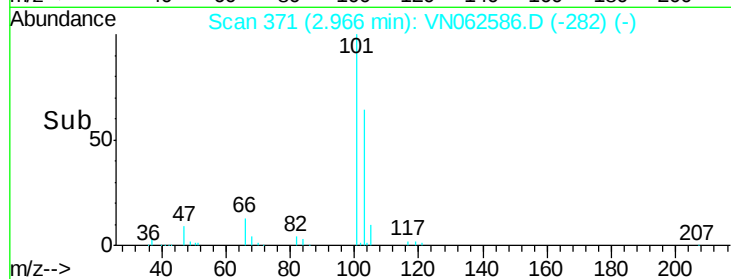
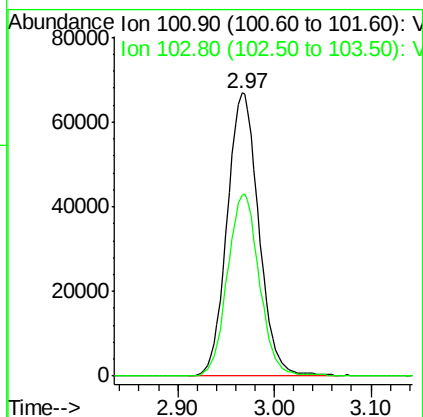
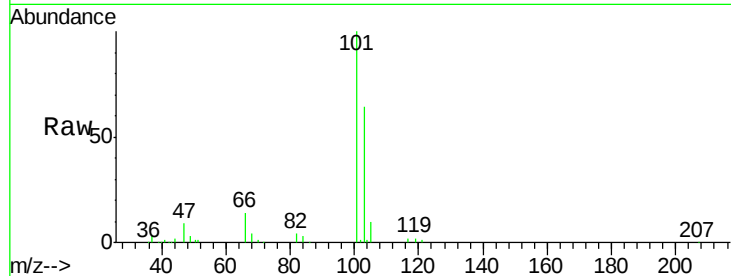
Trichlorofluoromethane
Concen: 47.855 ug/l
RT: 2.97 min Scan# 371
Delta R.T. -0.01 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

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VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		151981		
103	64.0	51.5	77.3		

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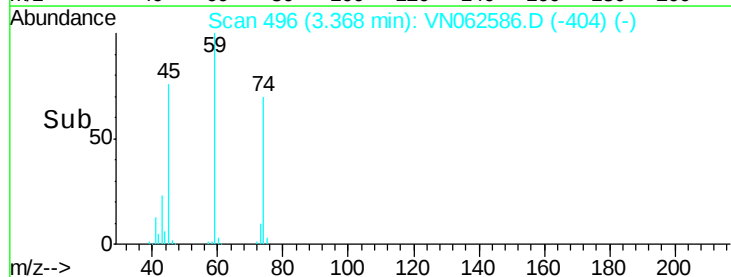
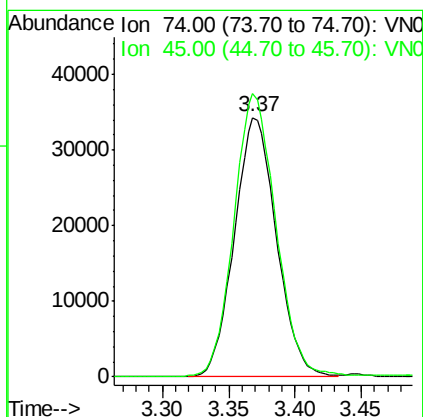
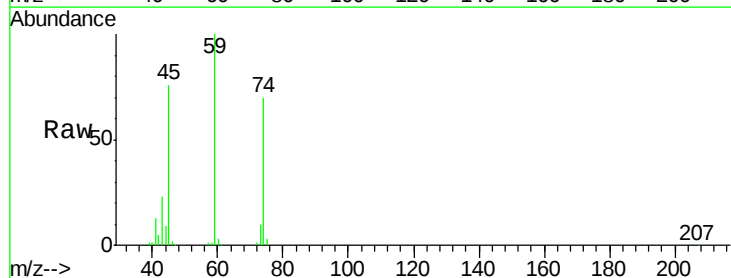
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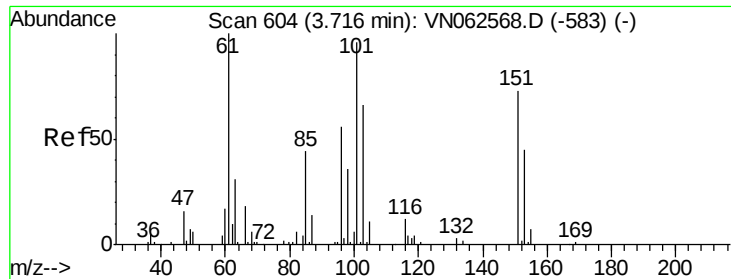


#8

Diethyl Ether
Concen: 51.003 ug/l
RT: 3.37 min Scan# 496
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		75747		
45	109.1	55.3	165.8		





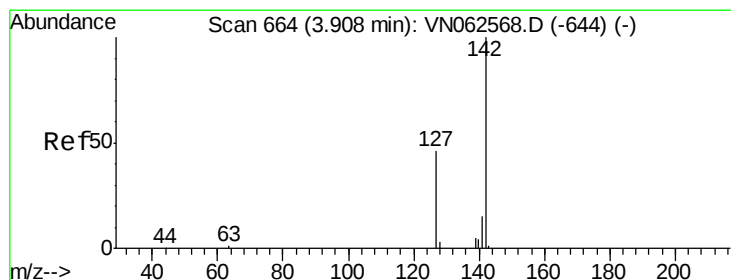
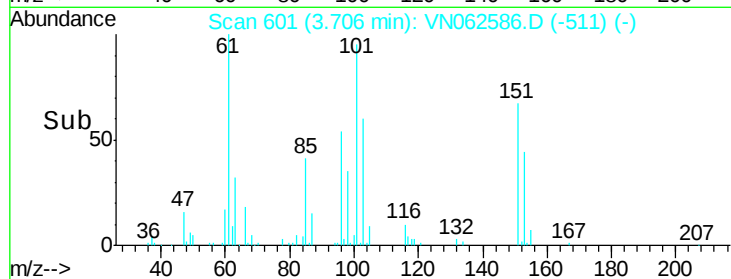
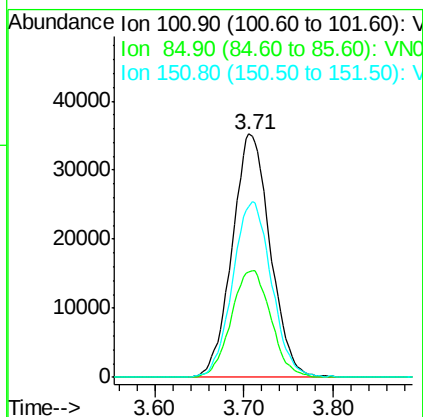
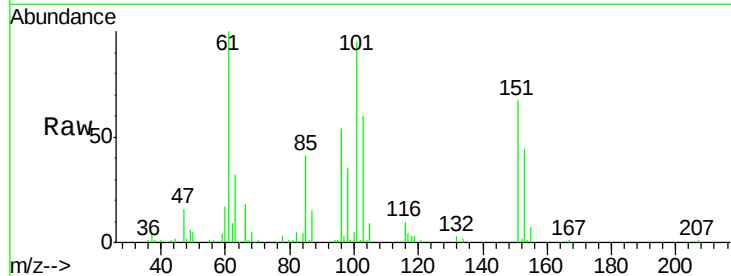
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 51.236 ug/l
 RT: 3.71 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	104327		
85	45.5	36.0	54.0	
151	73.6	60.0	90.0	

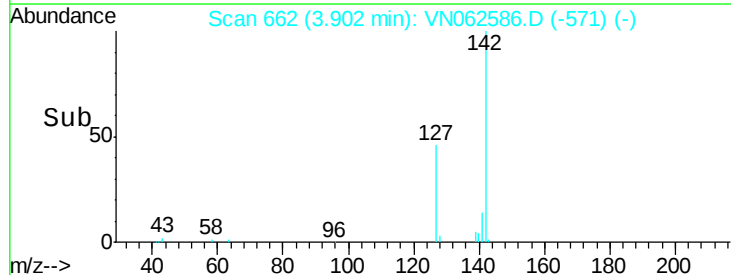
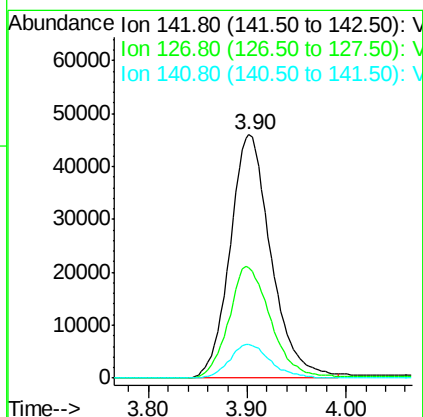
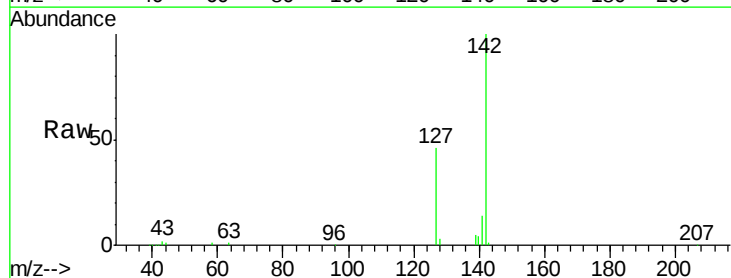
Manual Integrations
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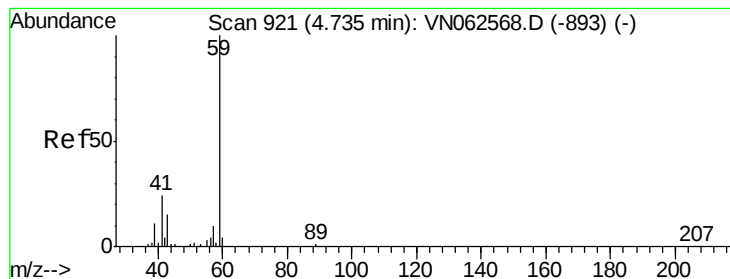
MMDadoda
 7/23/2020 2:14:58 PM



#10
 Methyl Iodide
 Concen: 51.083 ug/l
 RT: 3.90 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	132981		
127	46.8	37.4	56.0	
141	13.9	11.9	17.9	





#11

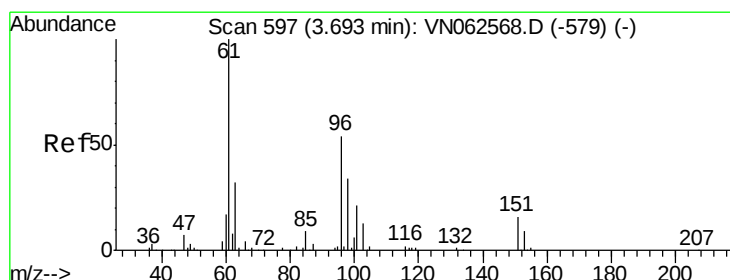
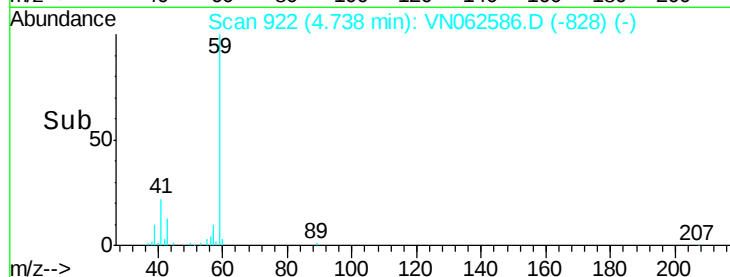
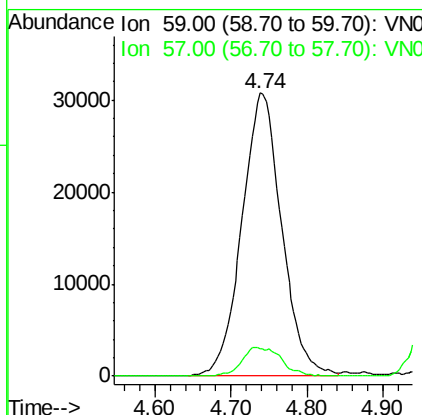
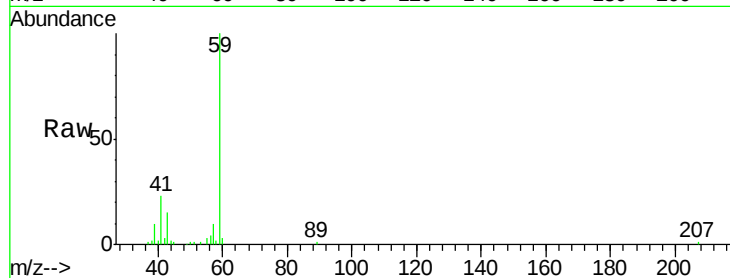
Tert butyl alcohol
 Concen: 235.379 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	112186		
57	9.9		8.2	12.2

Manual Integrations
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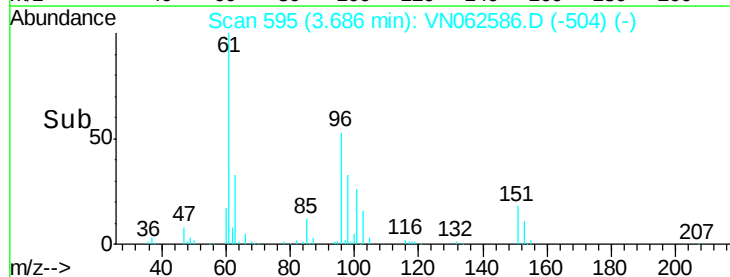
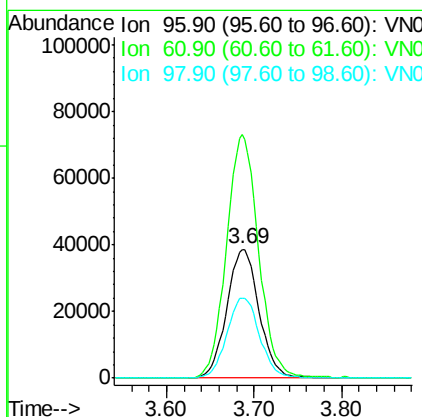
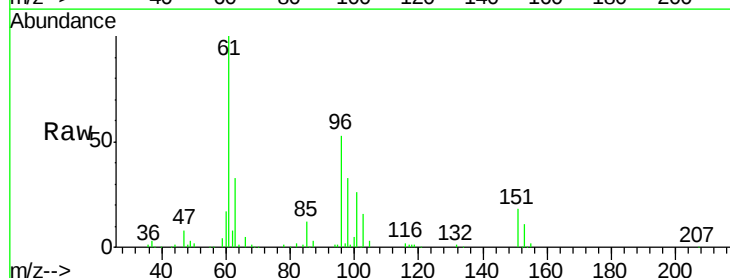
MMDadoda
 7/23/2020 2:14:58 PM

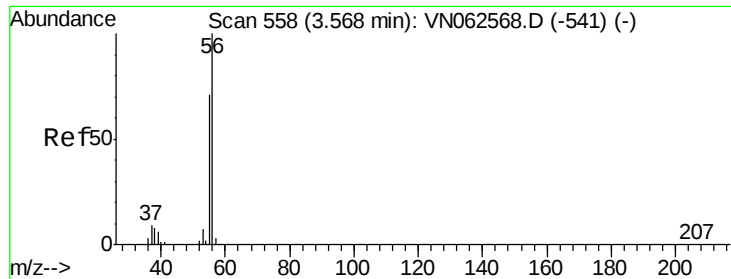


#12

1,1-Dichloroethene
 Concen: 47.919 ug/l
 RT: 3.69 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	98958		
61	189.2		148.6	222.8
98	62.4		50.6	75.8





#13

Acrolein

Concen: 248.585 ug/l

RT: 3.56 min Scan# 556

Delta R.T. -0.01 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 123533

Ion Ratio Lower Upper

56 100

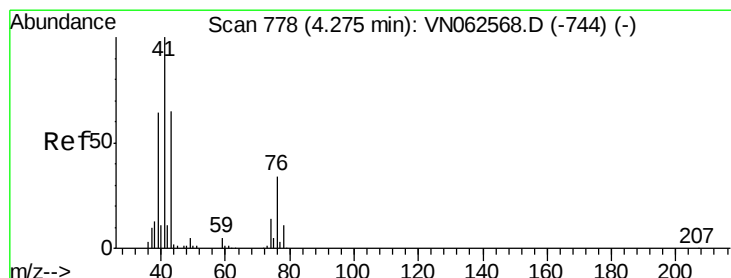
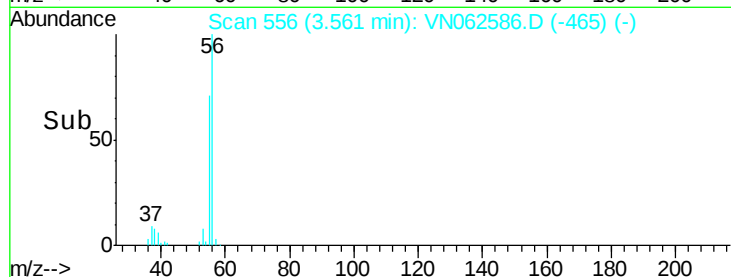
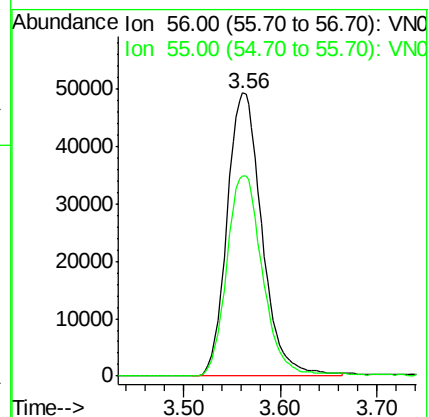
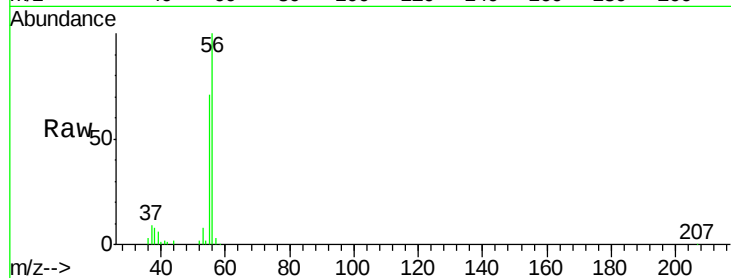
55 72.3 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 49.477 ug/l

RT: 4.27 min Scan# 776

Delta R.T. -0.01 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

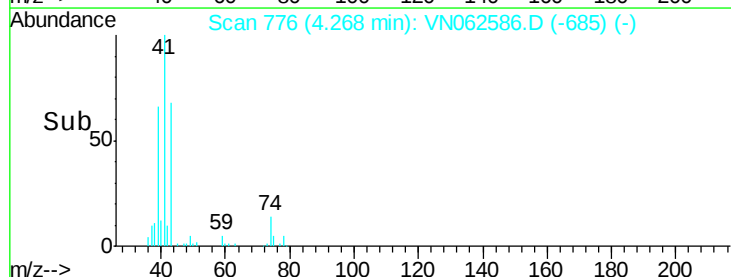
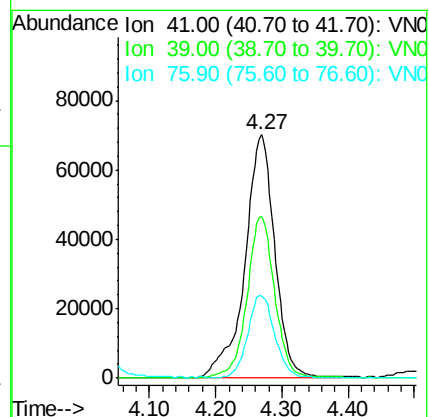
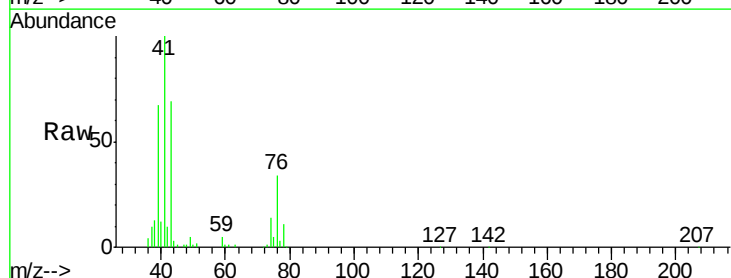
Tgt Ion: 41 Resp: 221015

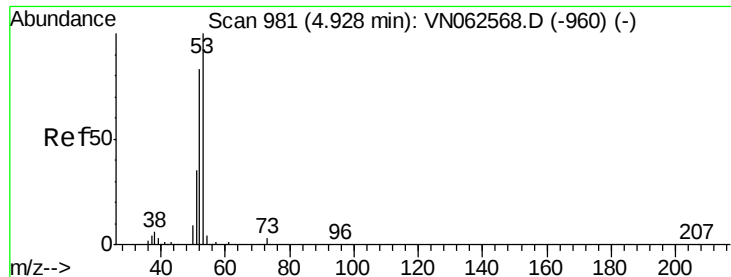
Ion Ratio Lower Upper

41 100

39 61.0 49.0 73.4

76 30.8 24.0 36.0





#15

Acrylonitrile

Concen: 255.421 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

Instrument :

MSVOA_N

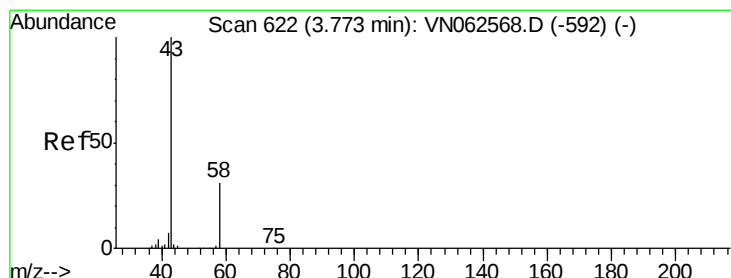
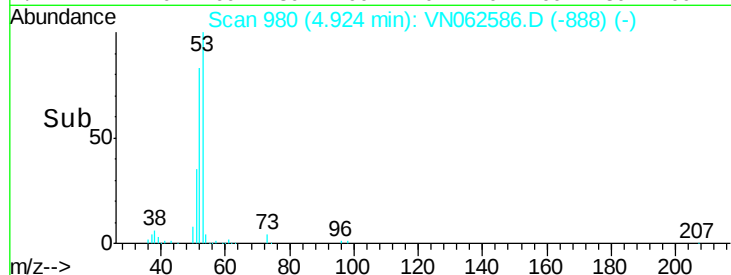
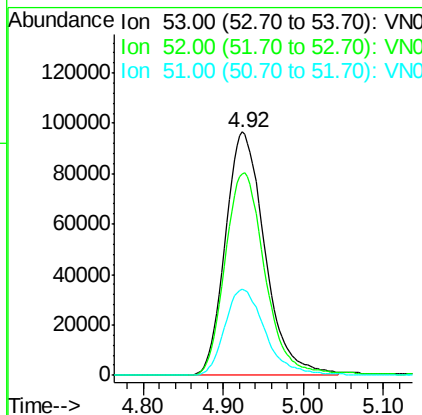
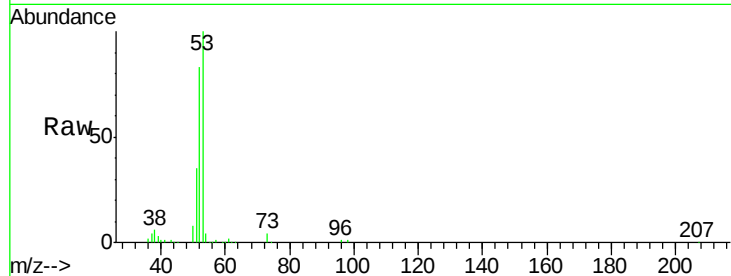
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	326072
Ion Ratio	Lower	Upper	
53	100		
52	83.4	66.3	99.5
51	36.5	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 273.831 ug/l

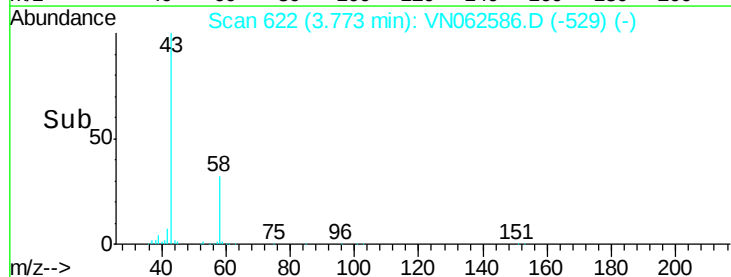
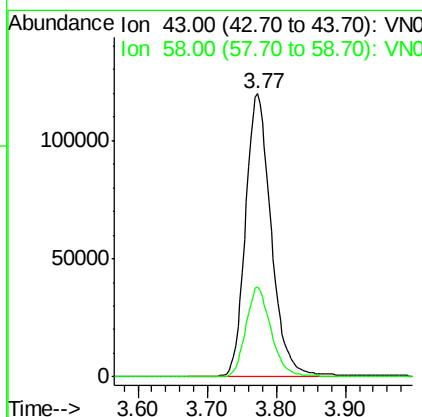
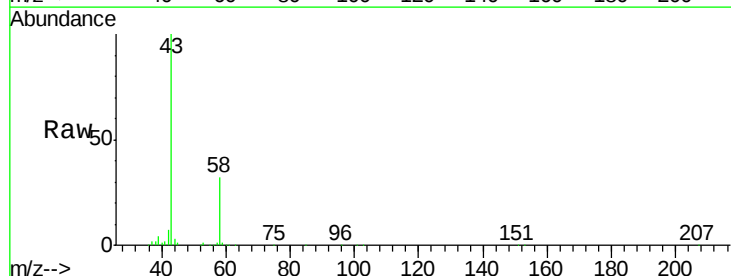
RT: 3.77 min Scan# 622

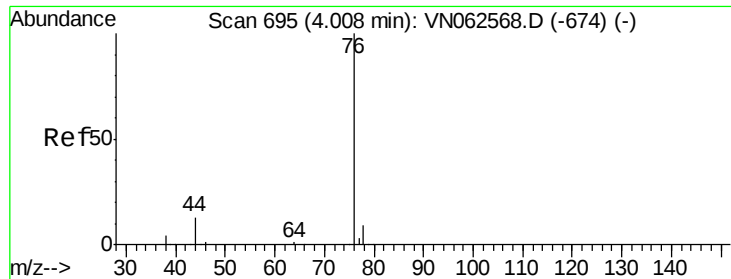
Delta R.T. -0.00 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

Tgt Ion:	43	Resp:	308730
Ion Ratio	Lower	Upper	
43	100		
58	31.7	24.6	37.0





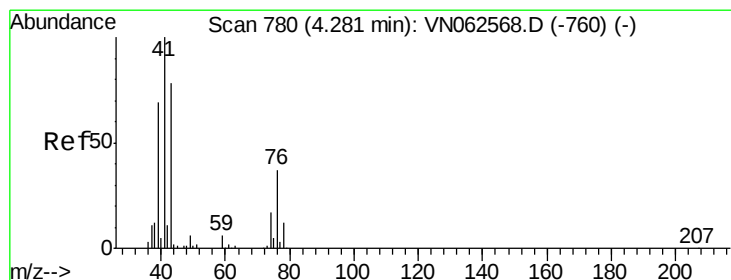
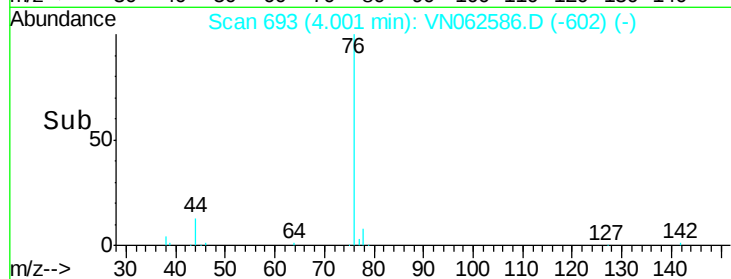
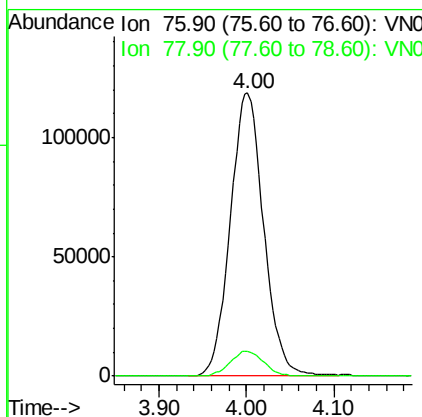
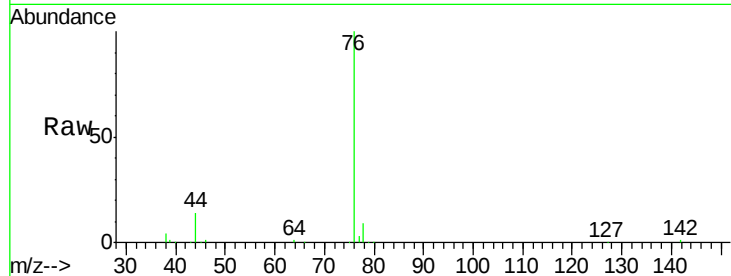
#17
Carbon Disulfide
Concen: 46.288 ug/l
RT: 4.00 min Scan# 693
Delta R.T. -0.01 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.3	10.9

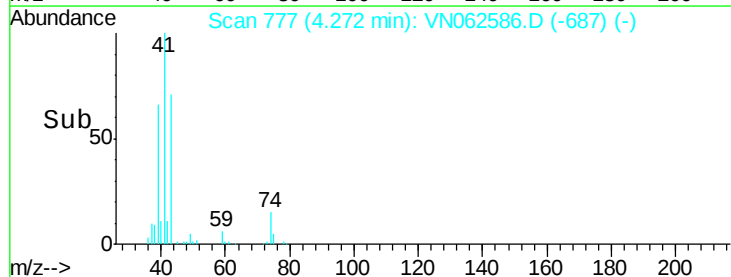
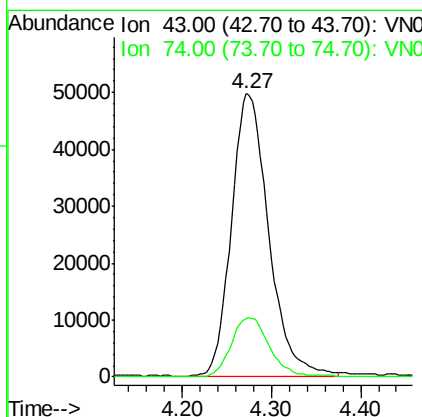
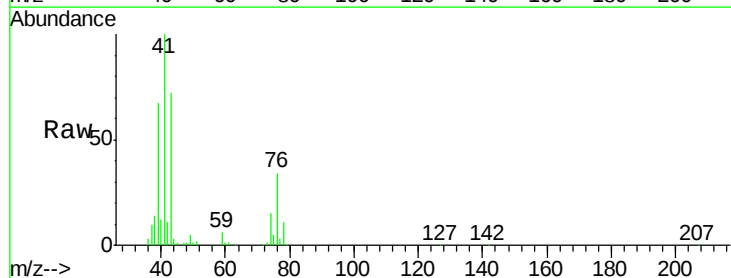
Manual Integrations
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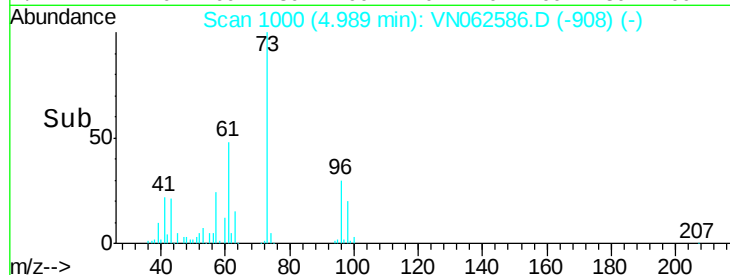
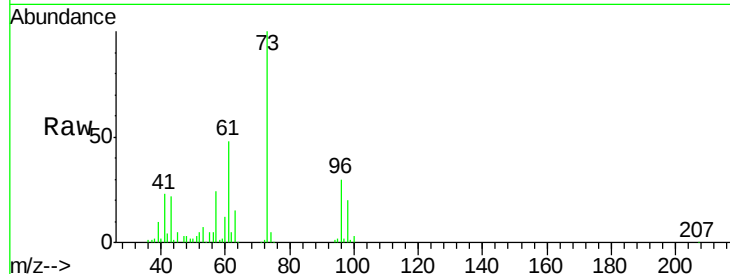
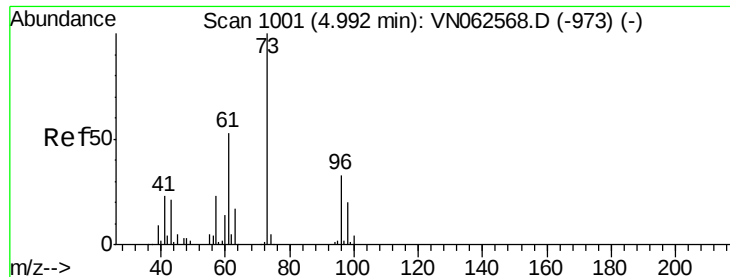
MMDadoda
7/23/2020 2:14:58 PM



#18
Methyl Acetate
Concen: 50.768 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.01 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.3	16.6	24.8





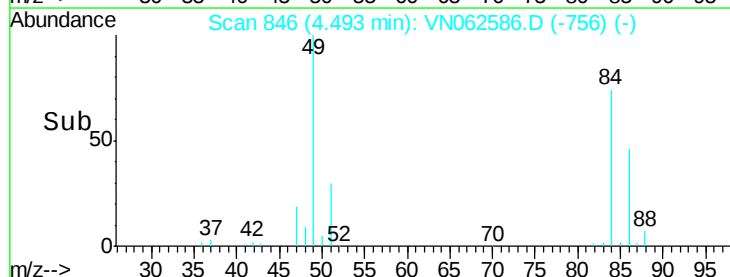
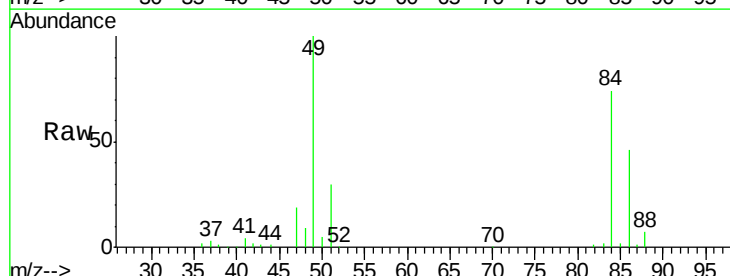
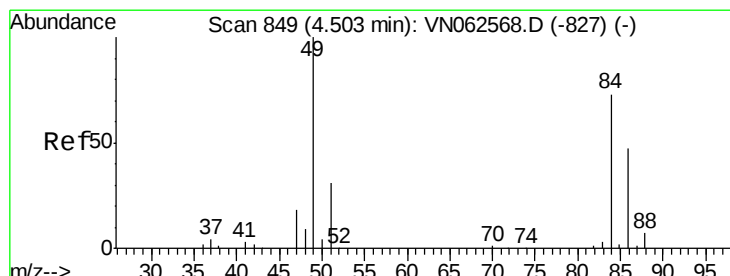
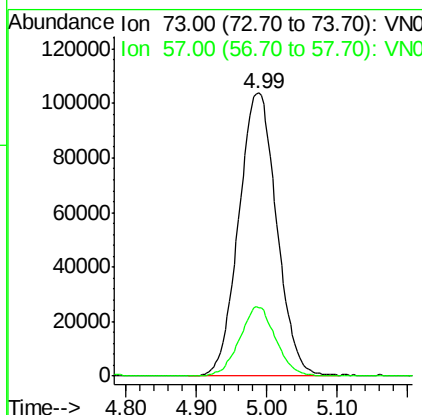
#19
Methvl tert-butvl Ether
Concen: 51.298 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Tot Ion: 73 Resp: 389906
Ion Ratio Lower Upper
73 100
57 24.3 18.6 27.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

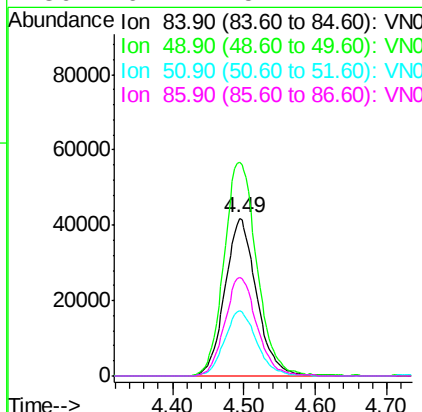
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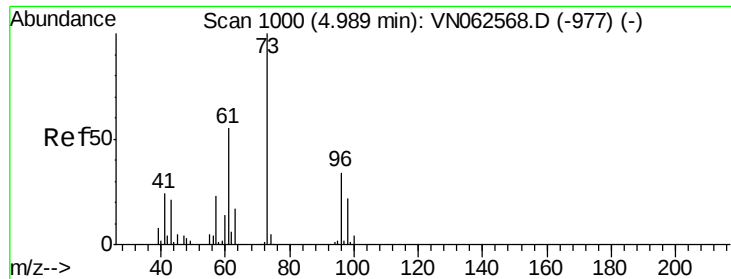
MMDadoda
7/23/2020 2:14:58 PM



#20
Methylene Chloride
Concen: 47.811 ug/l
RT: 4.49 min Scan# 846
Delta R.T. -0.01 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Tgt Ion: 84 Resp: 129286
Ion Ratio Lower Upper
84 100
49 135.1 109.4 164.0
51 41.1 33.6 50.4
86 62.2 51.4 77.2





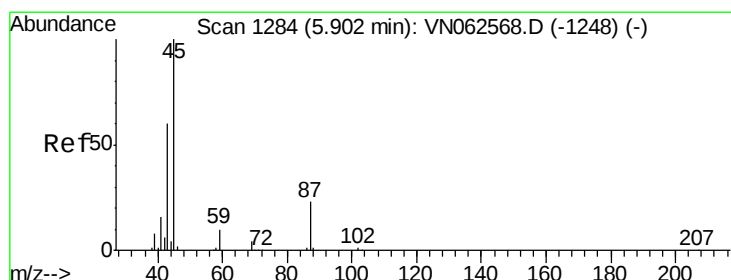
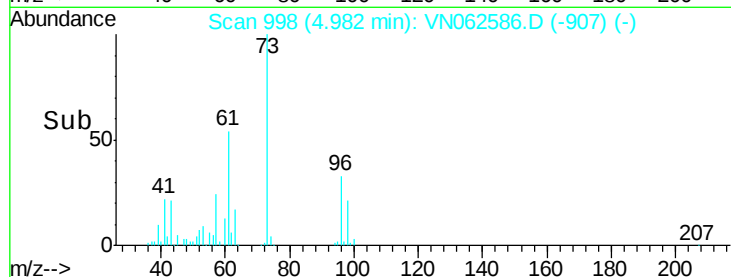
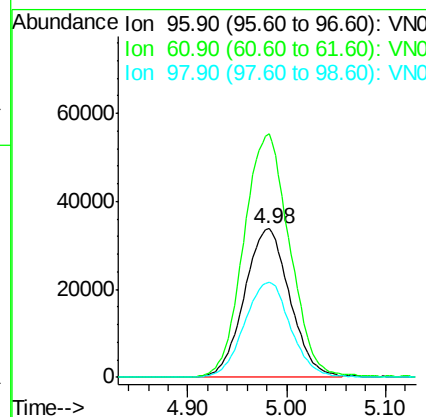
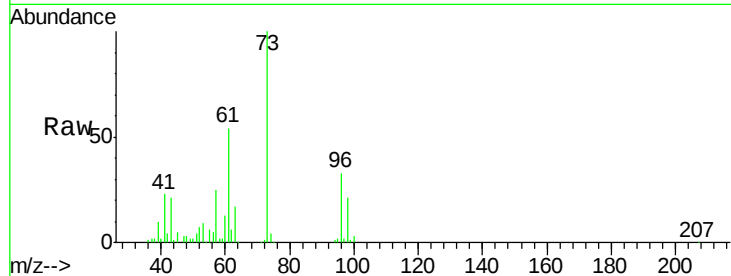
#21
trans-1,2-Dichloroethene
Concen: 47.102 ug/l
RT: 4.98 min Scan# 998
Delta R.T. -0.01 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	164.0	128.6	192.8
98	63.8	50.6	76.0

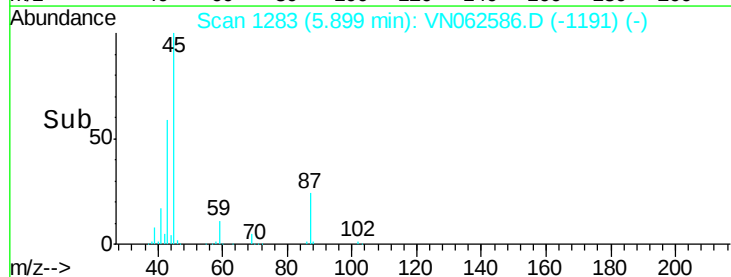
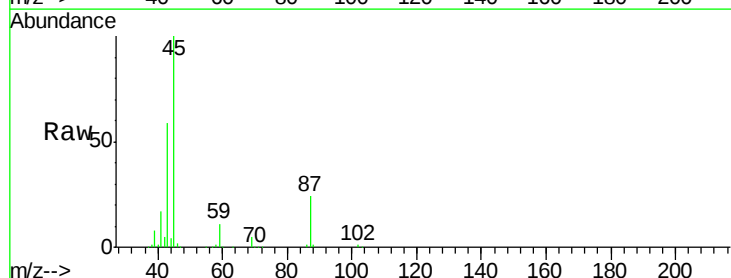
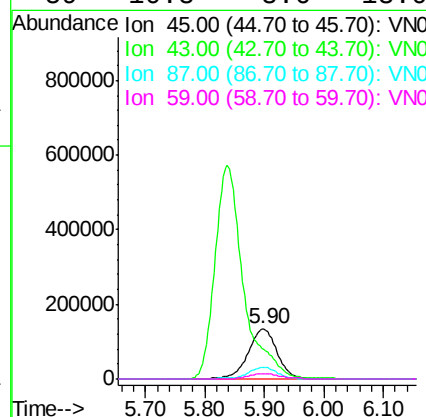
Manual Integrations
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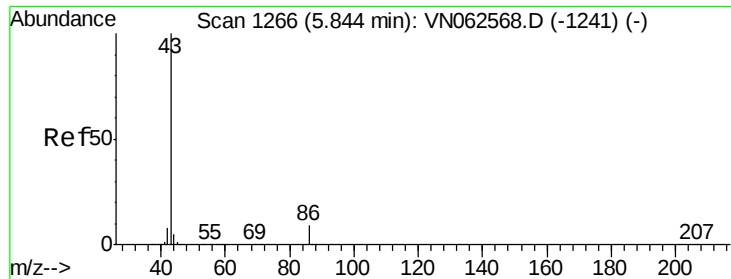
MMDadoda
7/23/2020 2:14:58 PM



#22
Diisopropyl ether
Concen: 51.421 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
45	100		
43	57.7	48.7	73.1
87	23.7	19.0	28.6
59	10.8	8.6	13.0





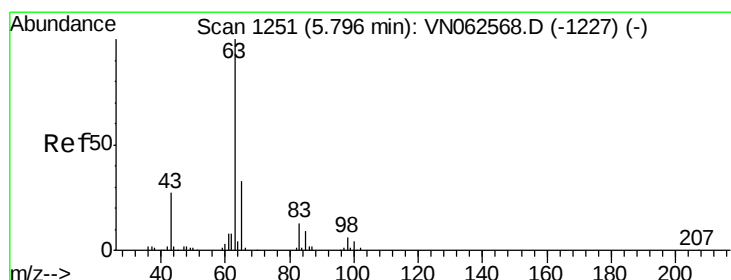
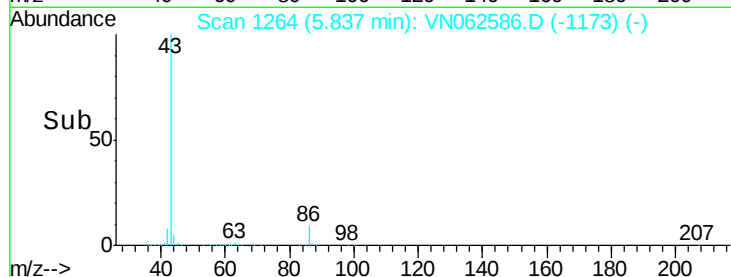
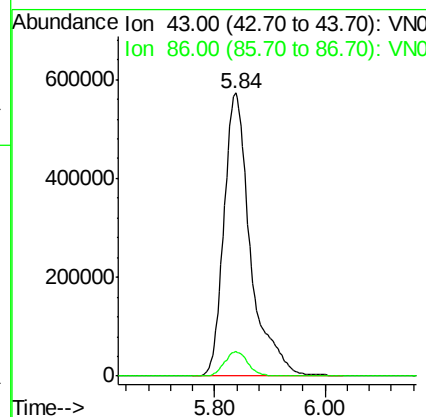
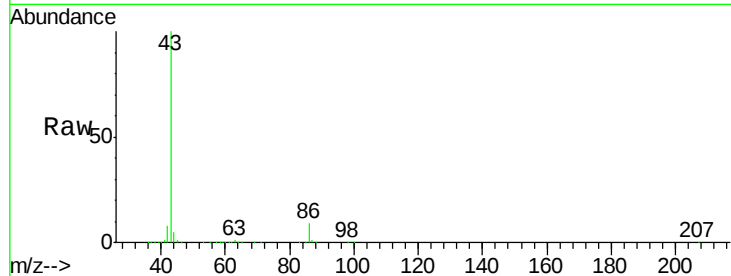
#23
 Vinyl Acetate
 Concen: 262.609 ug/l
 RT: 5.84 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1910609
 Ion Ratio Lower Upper
 43 100
 86 8.6 6.9 10.3

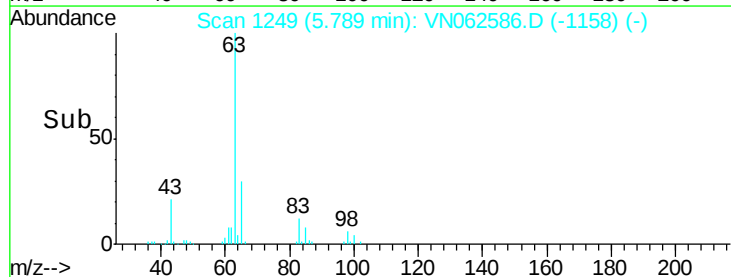
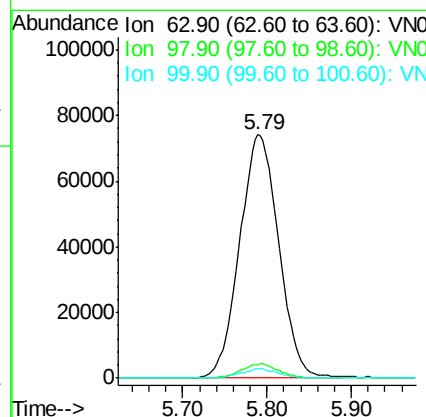
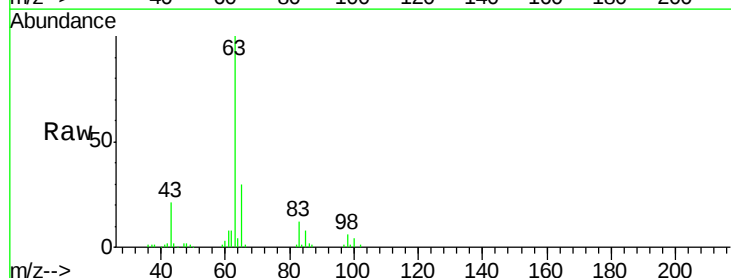
Manual Integrations
 APPROVED

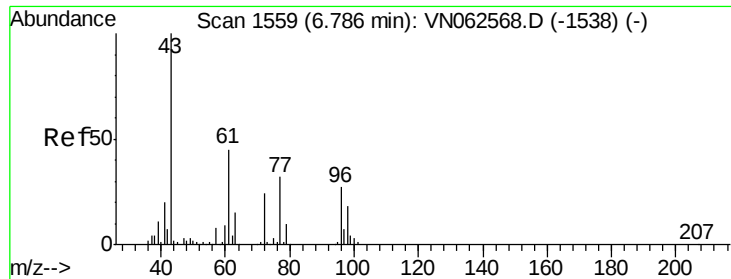
MMDadoda
 7/23/2020 2:14:58 PM



#24
 1,1-Dichloroethane
 Concen: 49.925 ug/l
 RT: 5.79 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Tgt Ion: 63 Resp: 238713
 Ion Ratio Lower Upper
 63 100
 98 5.7 2.9 8.8
 100 4.0 1.8 5.4





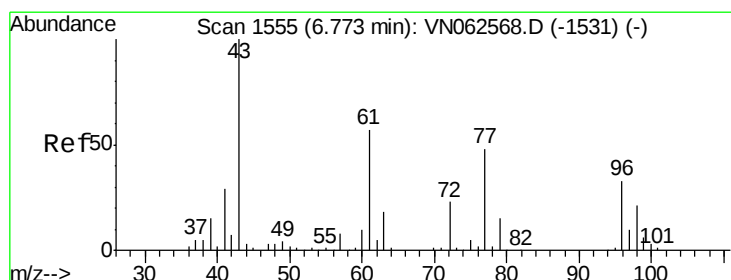
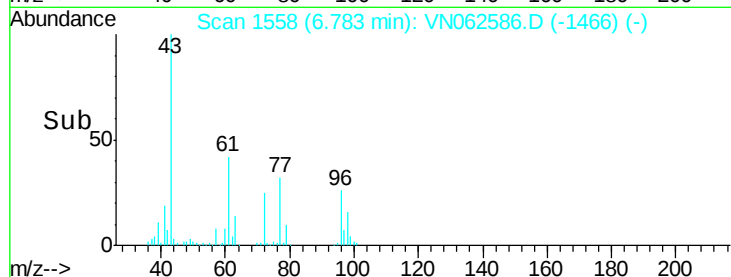
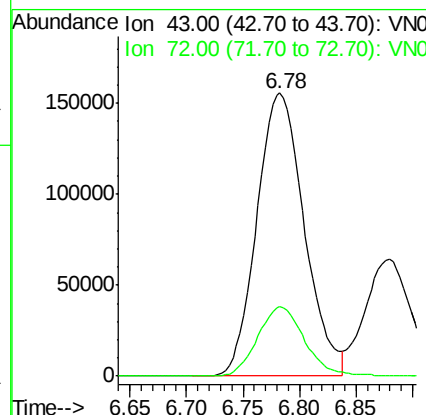
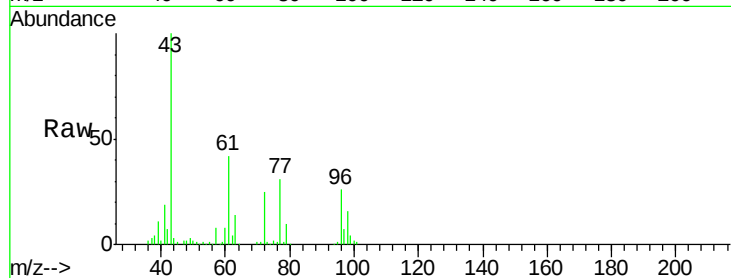
#25
2-Butanone
Concen: 262.890 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 451401
Ion Ratio Lower Upper
43 100
72 24.6 19.0 28.6

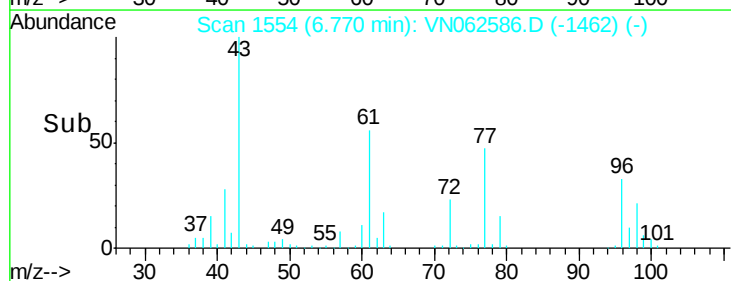
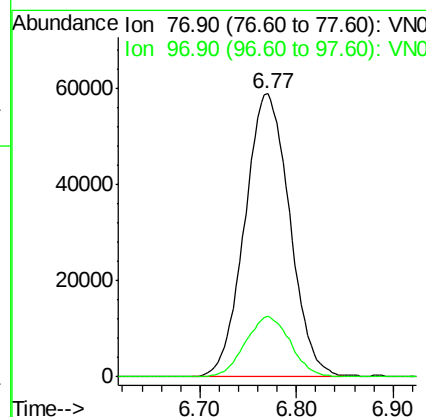
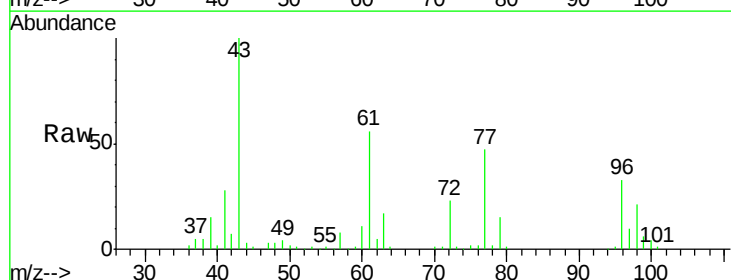
Manual Integrations
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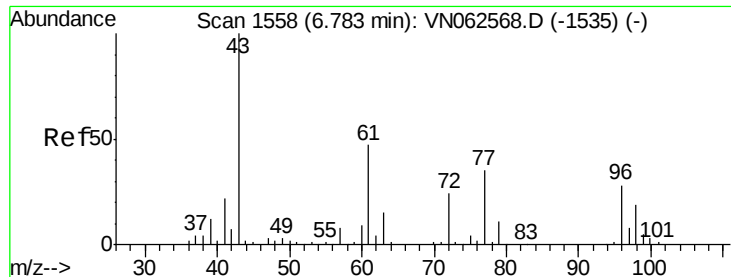
MMDadoda
7/23/2020 2:14:58 PM



#26
2,2-Dichloropropane
Concen: 48.434 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Tgt Ion: 77 Resp: 190110
Ion Ratio Lower Upper
77 100
97 21.3 10.8 32.4





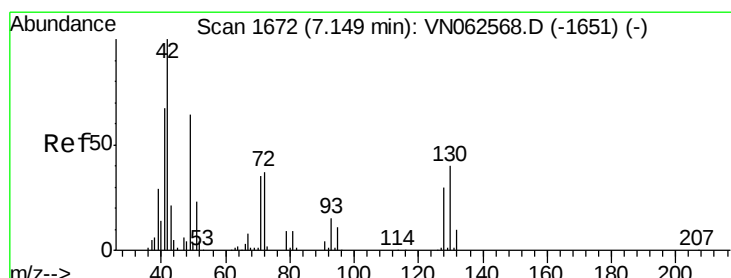
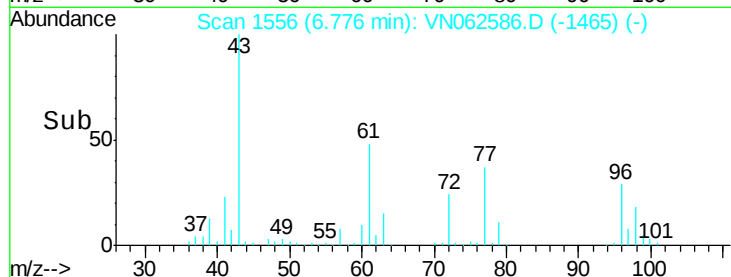
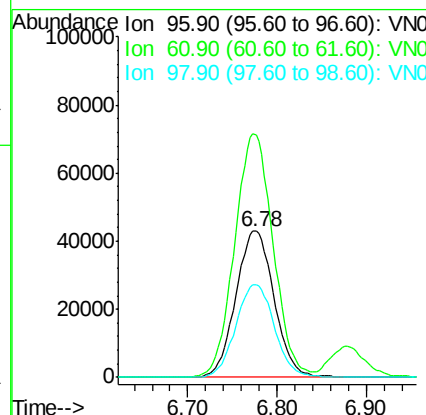
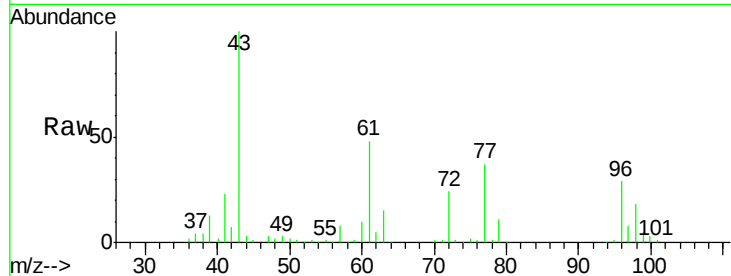
#27
 cis-1,2-Dichloroethene
 Concen: 48.887 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	166.9	0.0	332.4	
98	64.0	0.0	127.4	

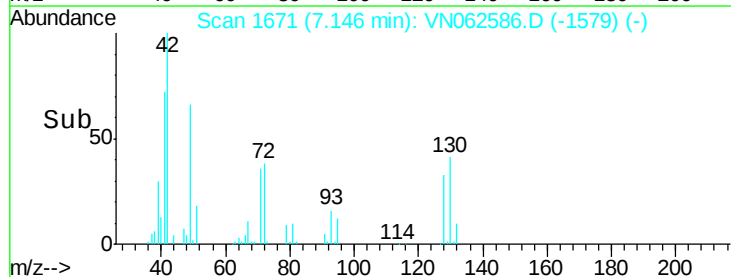
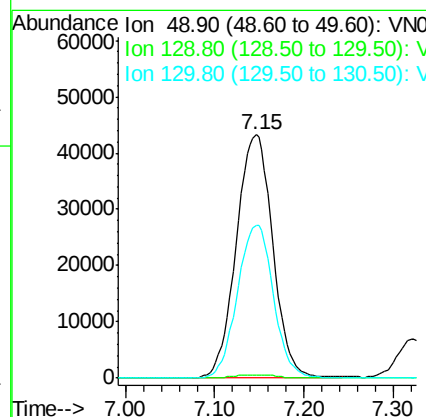
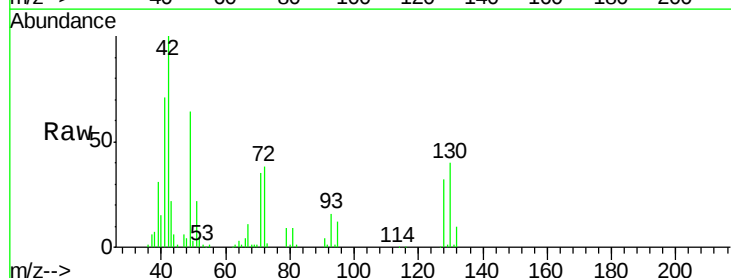
Manual Integrations
 APPROVED

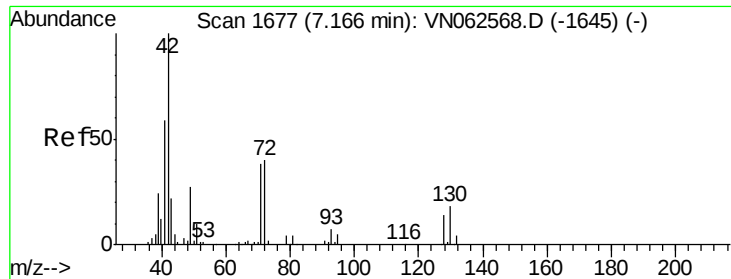
MMDadoda
 7/23/2020 2:14:58 PM



#28
 Bromochloromethane
 Concen: 52.318 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.5	0.0	3.4	
130	62.0	49.8	74.8	





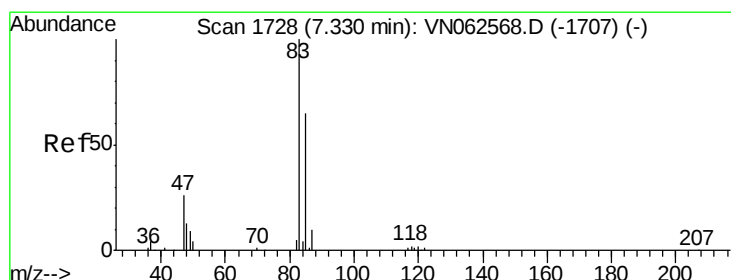
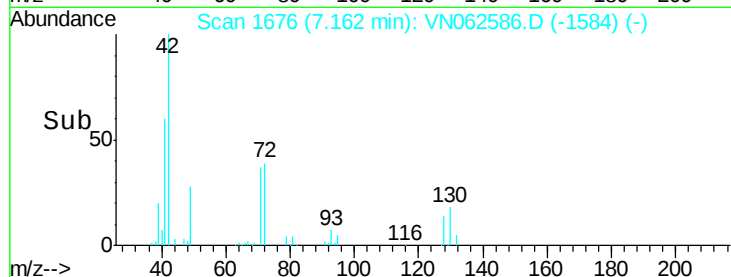
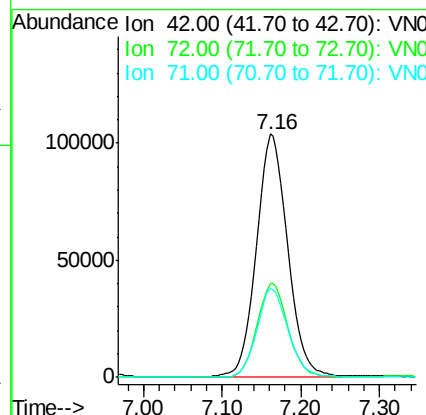
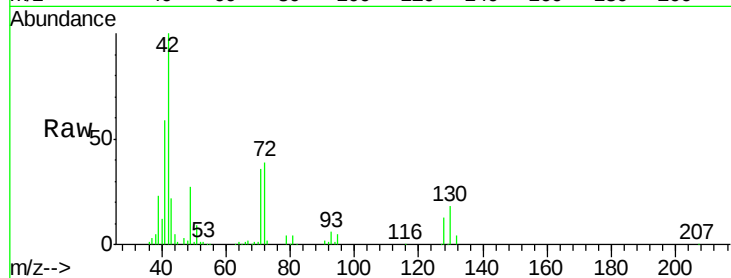
#29
Tetrahydrofuran
Concen: 253.446 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.2	30.7	46.1
71	36.5	29.1	43.7

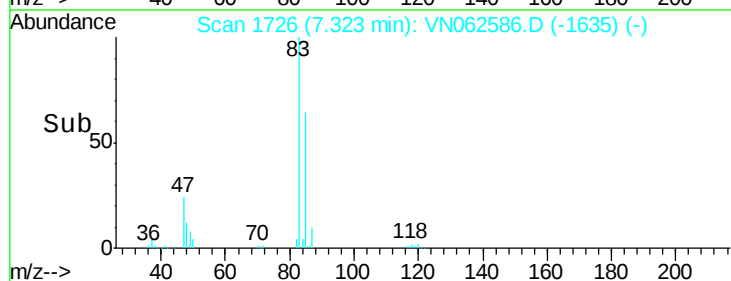
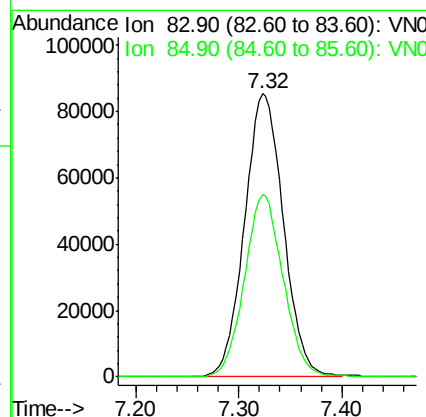
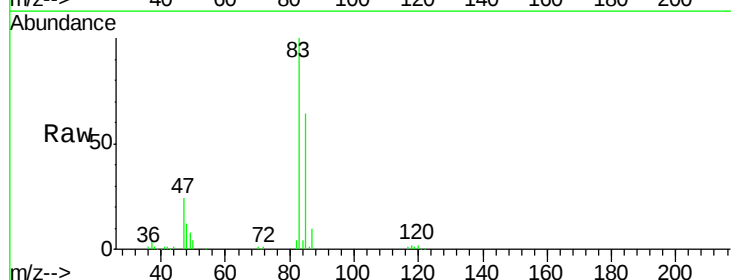
Manual Integrations
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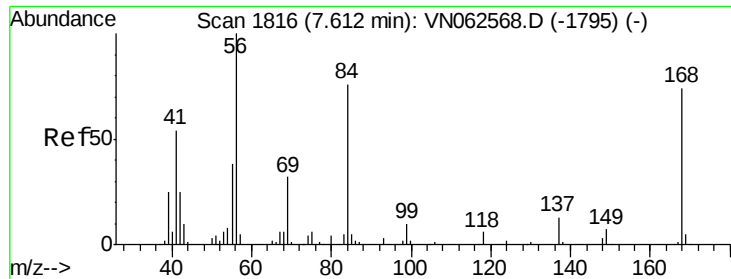
MMDadoda
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#30
Chloroform
Concen: 49.151 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.01 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.0	78.0





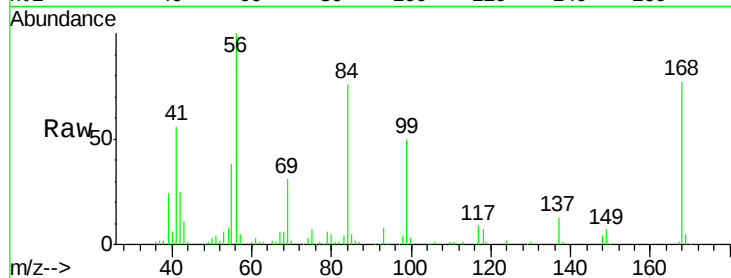
#31
Cyclohexane
Concen: 46.617 ug/l
RT: 7.61 min Scan# 1815
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

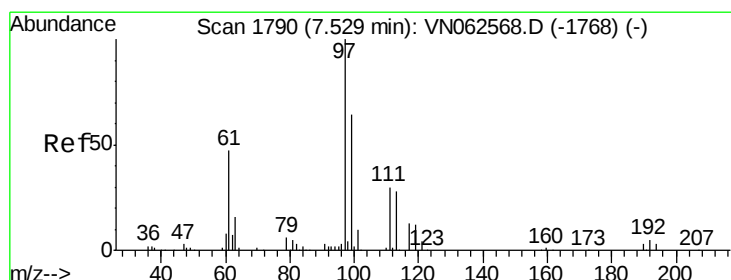
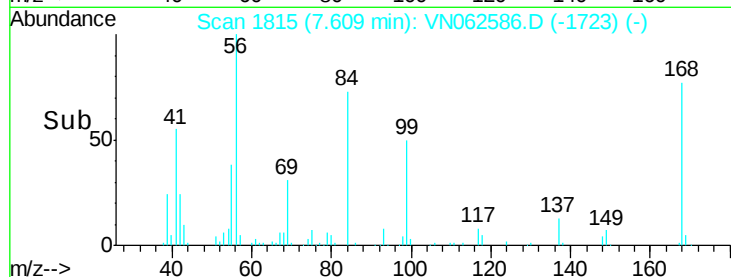
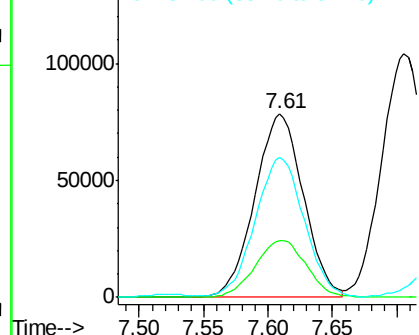
Tot Ion	Ratio	Lower	Upper
56	100		
69	30.6	25.3	37.9
84	75.6	61.0	91.4

Manual Integrations
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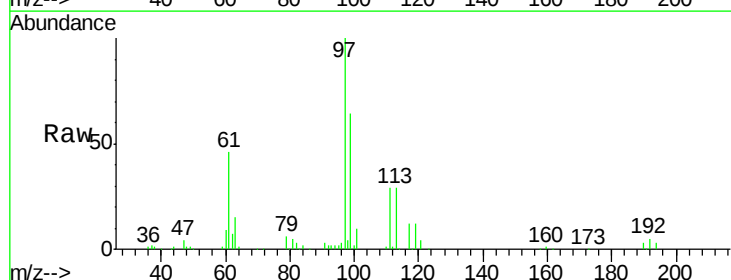


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

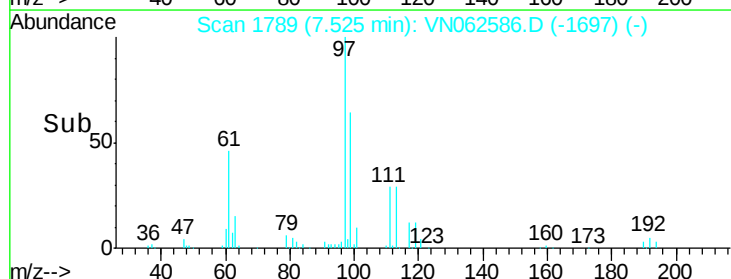
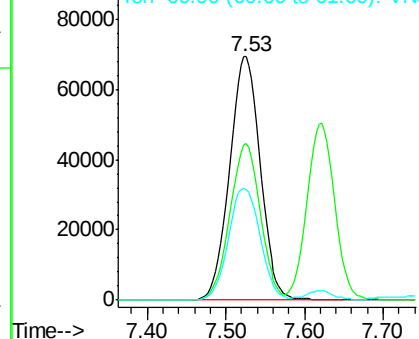


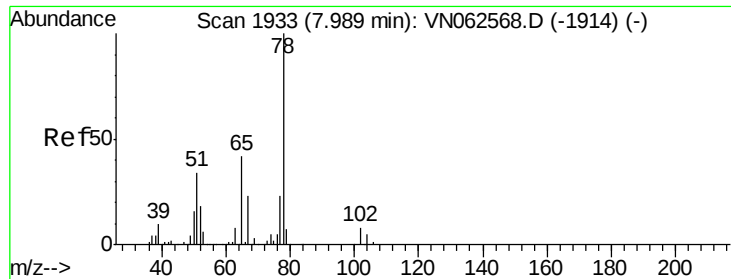
#32
1,1,1-Trichloroethane
Concen: 49.283 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.2	76.8
61	47.4	38.4	57.6



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO





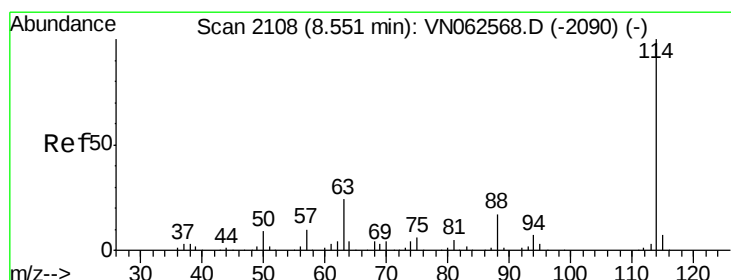
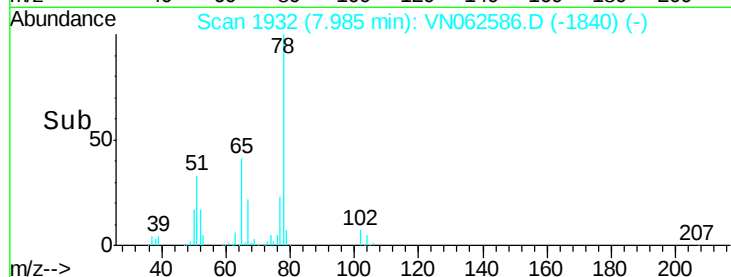
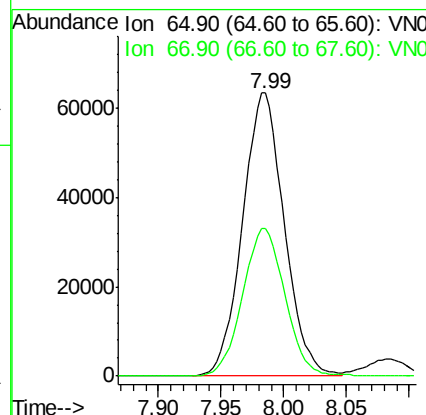
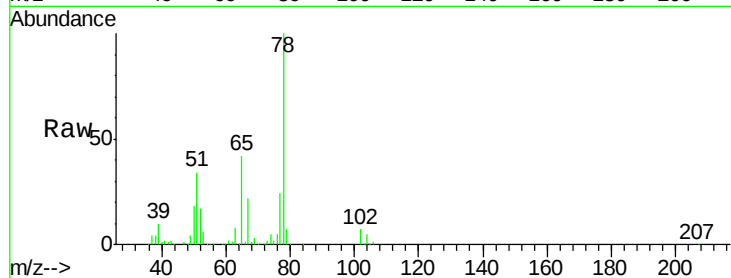
#33
 1,2-Dichloroethane-d4
 Concen: 48.957 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	146678		
67	53.1	0.0	106.0	

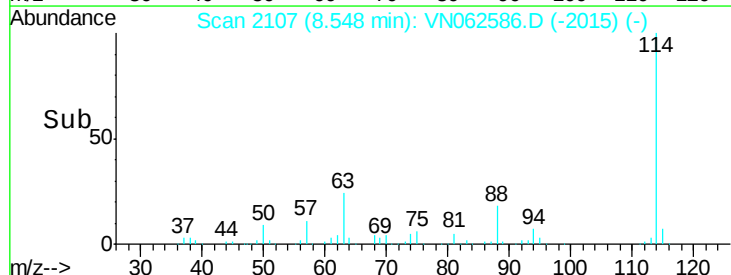
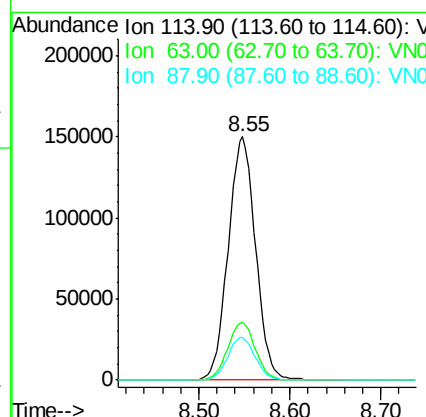
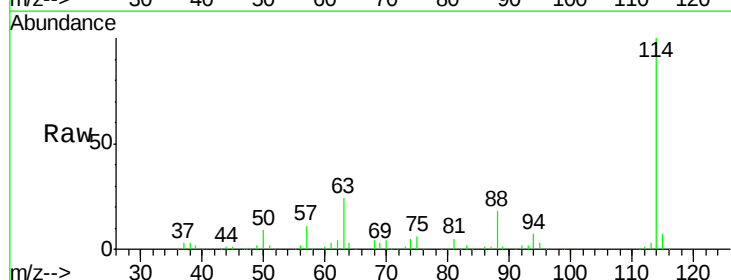
Manual Integrations
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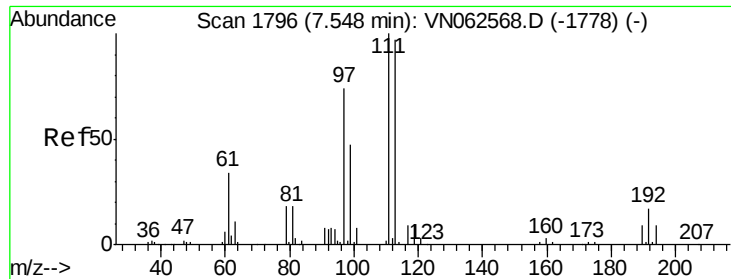
MMDadoda
 7/23/2020 2:14:58 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	313358		
63	23.7	0.0	48.4	
88	17.5	0.0	33.8	





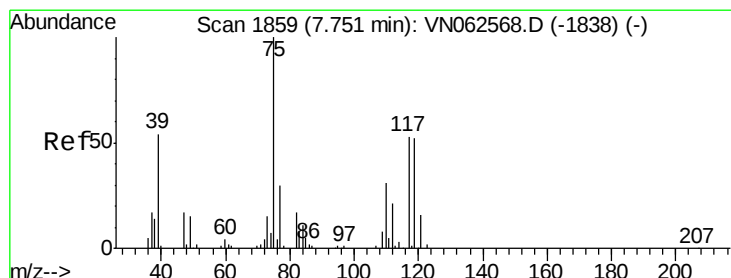
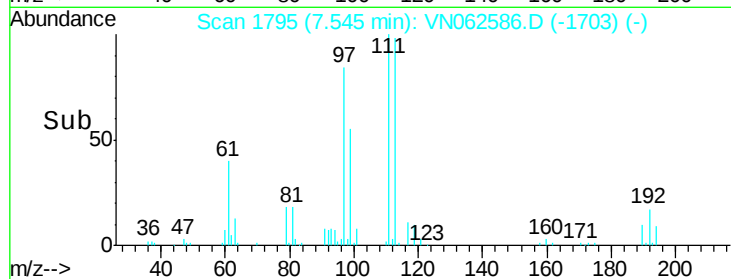
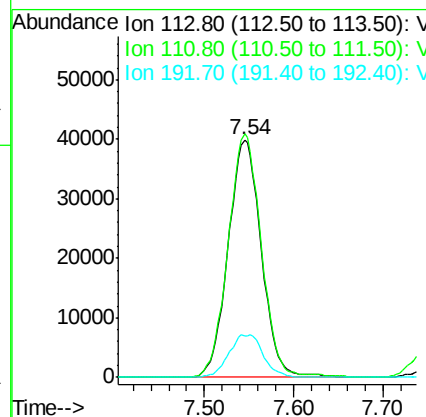
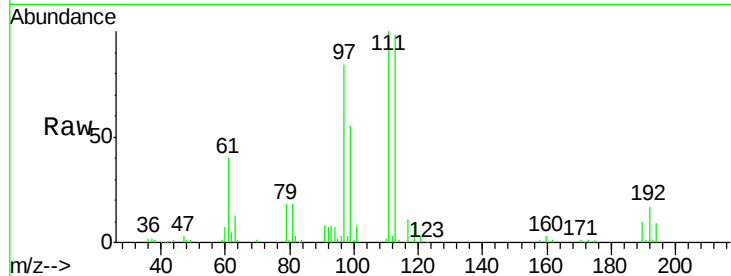
#35
 Dibromofluoromethane
 Concen: 49.861 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	102630		
111	102.3	82.7	124.1	
192	18.5	14.8	22.2	

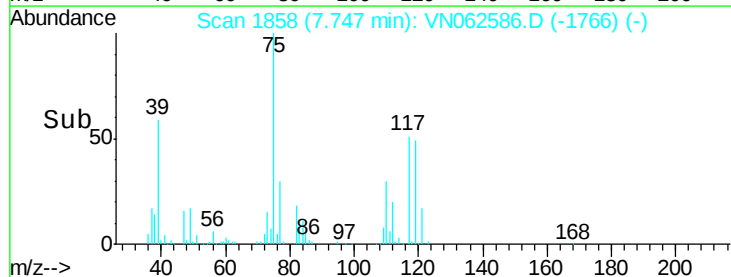
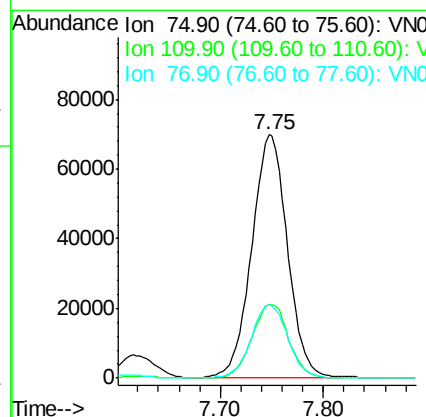
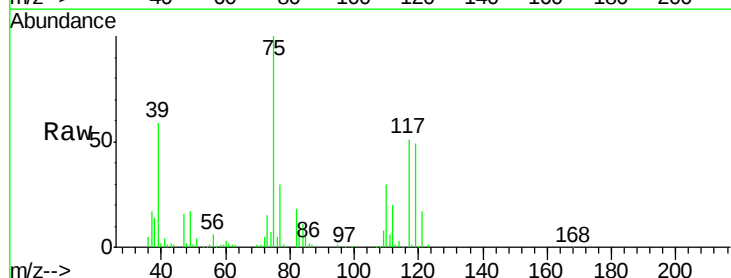
Manual Integrations
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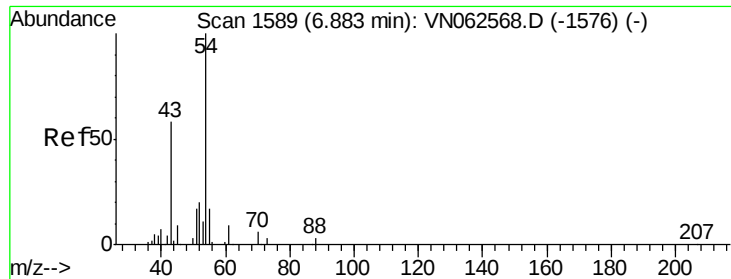
MMDadoda
 7/23/2020 2:14:58 PM



#36
 1,1-Dichloropropene
 Concen: 49.927 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	166760		
110	31.4	16.0	48.0	
77	31.2	24.6	36.8	





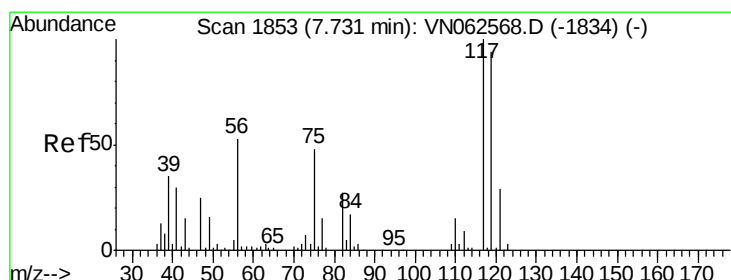
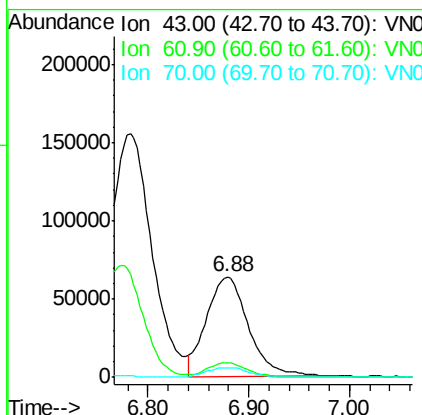
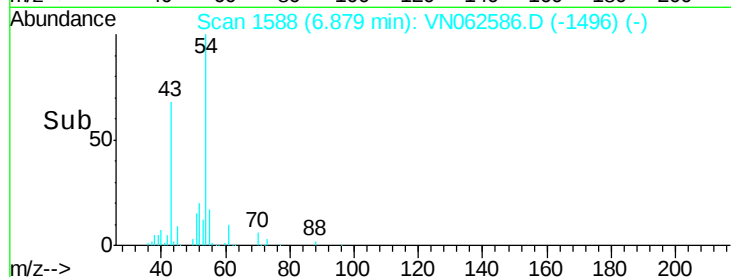
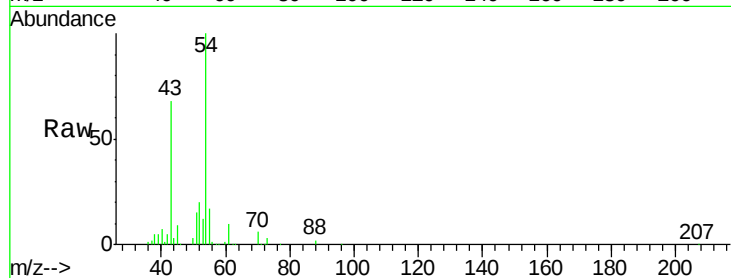
#37
Ethyl Acetate
Concen: 51.526 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.3	16.9
70	9.9	7.7	11.5

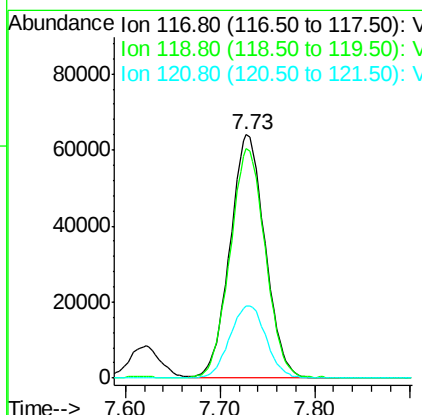
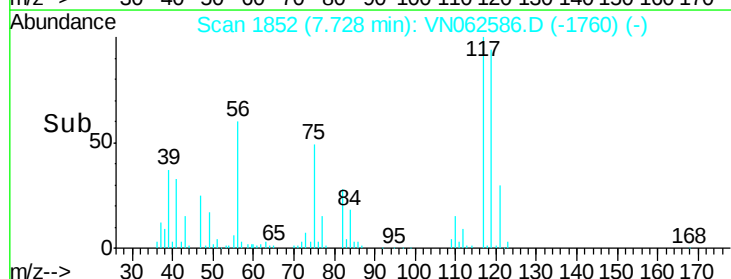
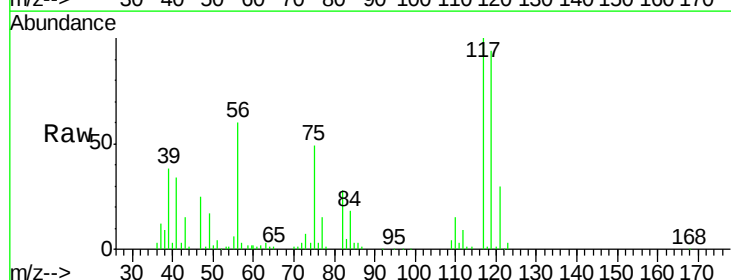
Manual Integrations
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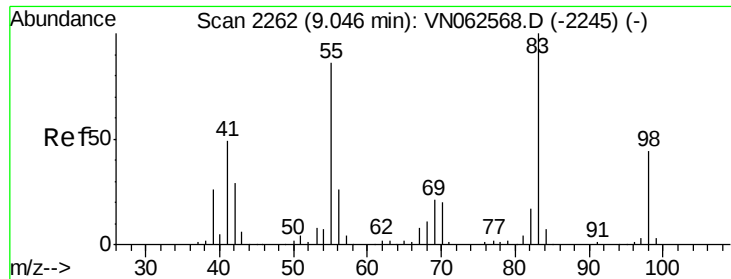
MMDadoda
7/23/2020 2:14:58 PM



#38
Carbon Tetrachloride
Concen: 51.366 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	74.8	112.2
121	29.6	23.0	34.6





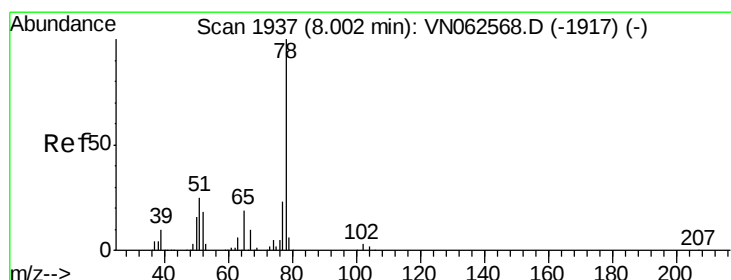
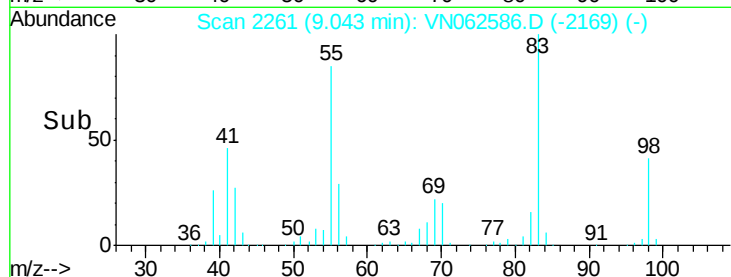
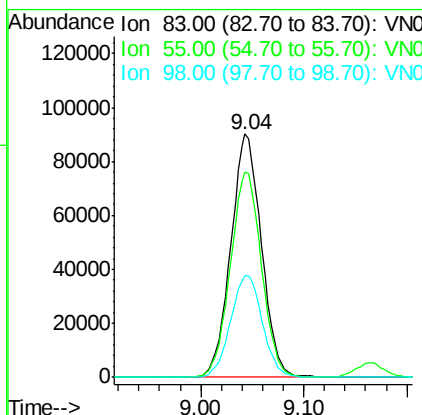
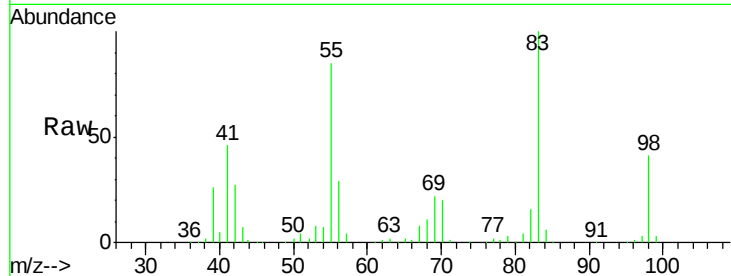
#39
Methvlcvclohexane
Concen: 51.873 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	186506
Ion Ratio	100	Lower	Upper
83	100		
55	84.5	68.9	103.3
98	41.5	35.1	52.7

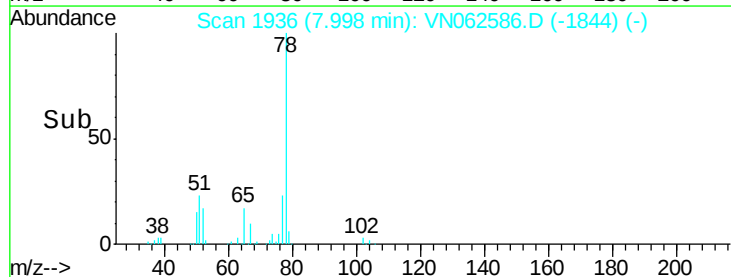
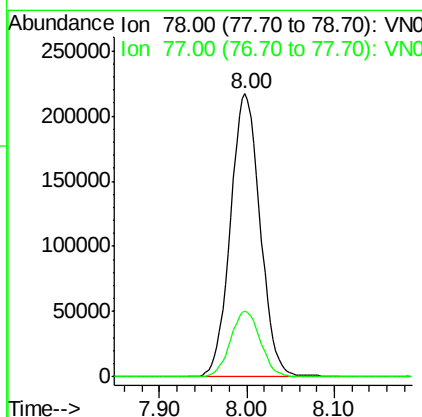
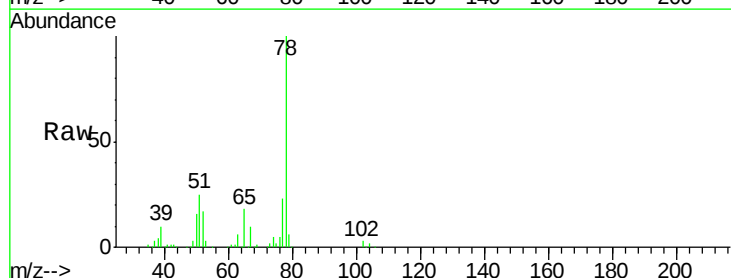
Manual Integrations
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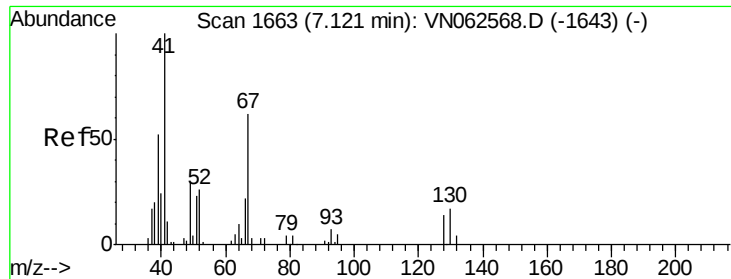
MMDadoda
7/23/2020 2:14:58 PM



#40
Benzene
Concen: 50.627 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Tgt Ion	78	Resp	511938
Ion Ratio	100	Lower	Upper
78	100		
77	23.2	18.7	28.1





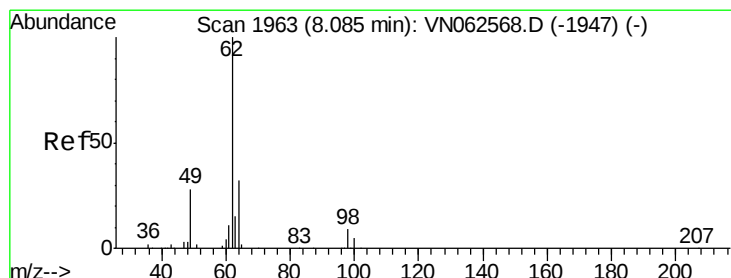
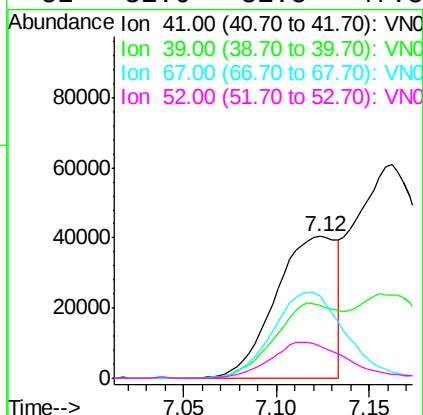
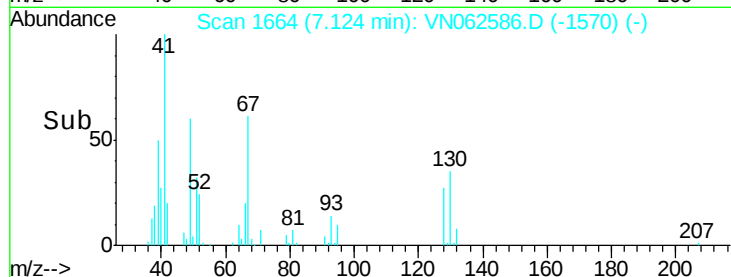
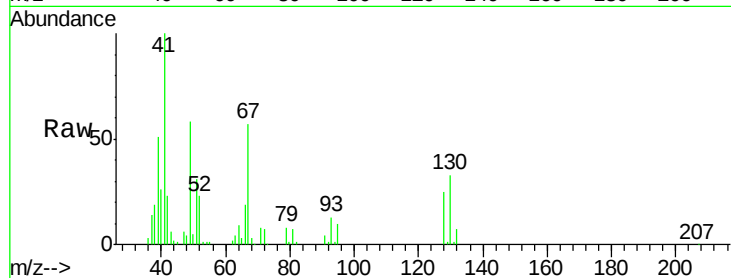
#41
Methacrylonitrile
Concen: 60.510 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.8	55.8	83.6#
67	72.3	72.5	108.7#
52	31.6	31.8	47.8#

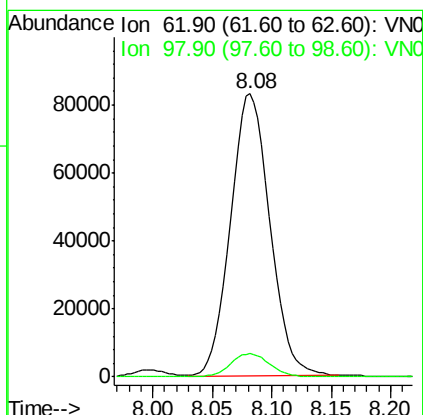
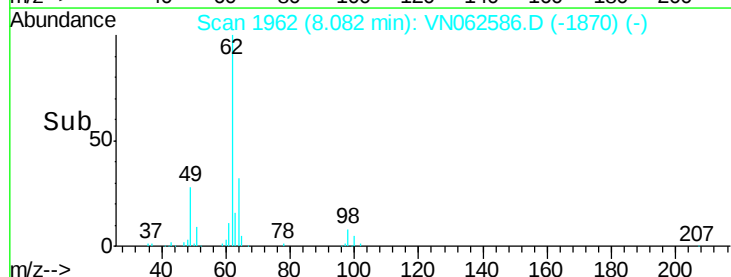
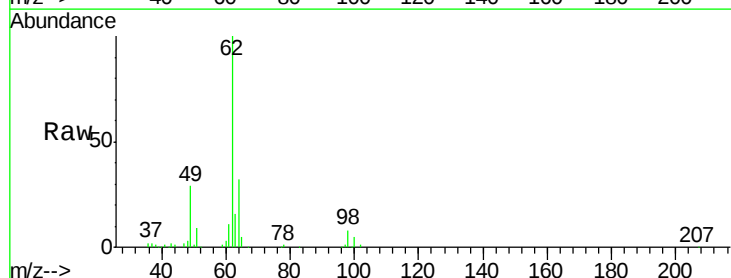
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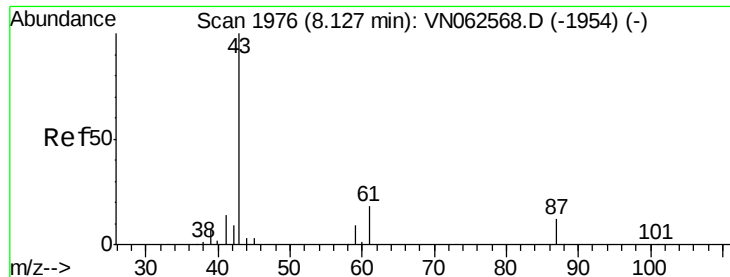
MMDadoda
7/23/2020 2:14:58 PM



#42
1,2-Dichloroethane
Concen: 51.529 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.2





#43

Isopropyl Acetate

Concen: 52.915 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

Instrument :

MSVOA_N

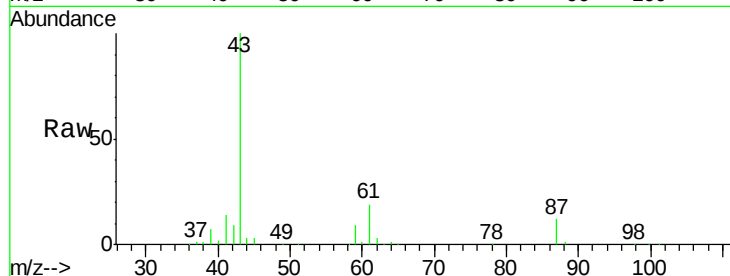
ClientSampleId :

VSTDCCC050

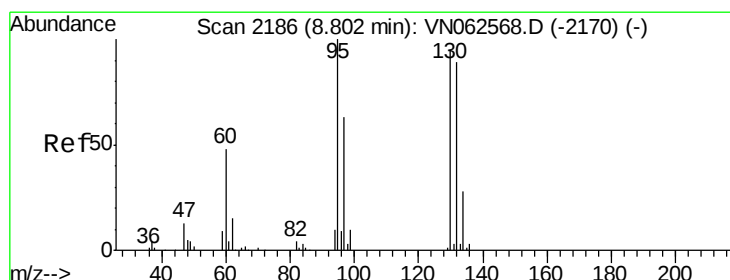
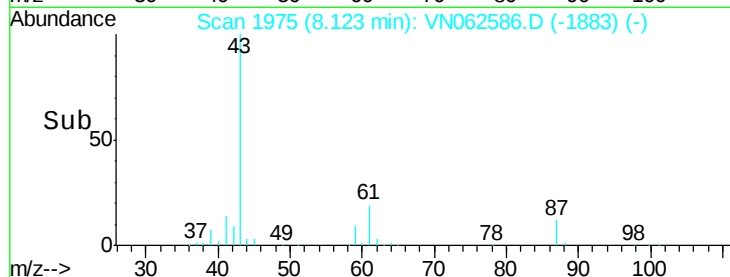
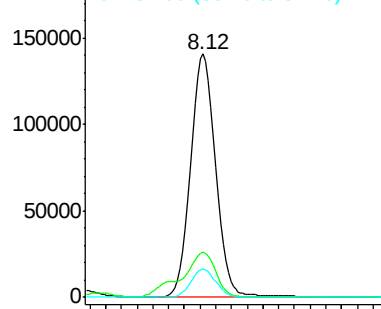
Tot Ion:	43	Resp:	307126
Ion	Ratio	Lower	Upper
43	100		
61	24.9	20.8	31.2
87	11.6	9.2	13.8

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Abundance Ion 43.00 (42.70 to 43.70): VN062586.D (-1954) (-)



#44

Trichloroethene

Concen: 49.762 ug/l

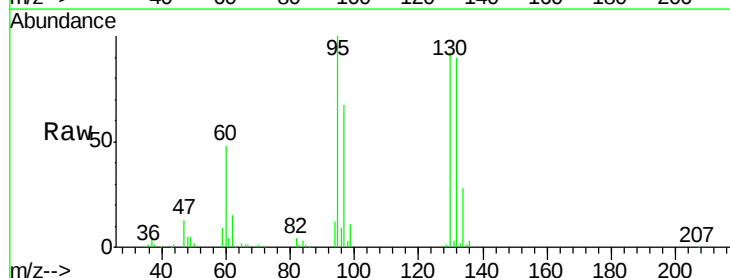
RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

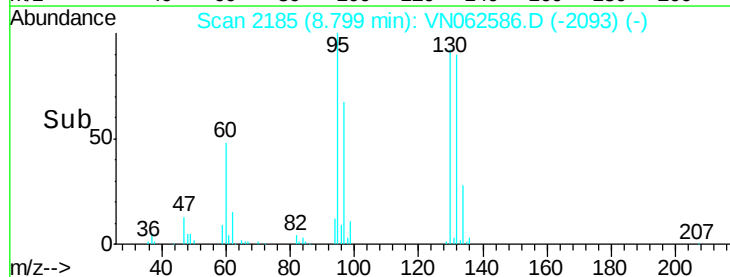
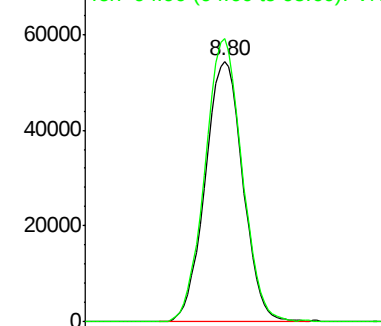
Lab File: VN062586.D

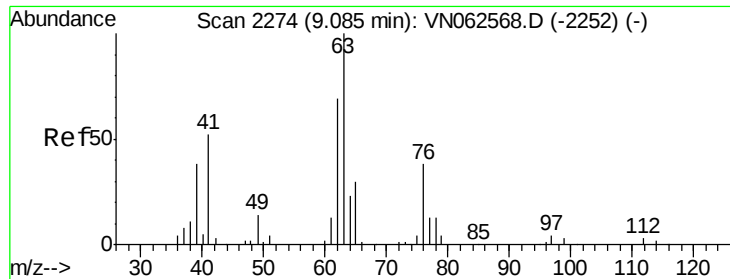
Acq: 22 Jul 2020 10:27

Tgt Ion:	130	Resp:	113476
Ion	Ratio	Lower	Upper
130	100		
95	108.6	0.0	210.4



Abundance Ion 129.80 (129.50 to 130.50): VN062586.D (-2170) (-)





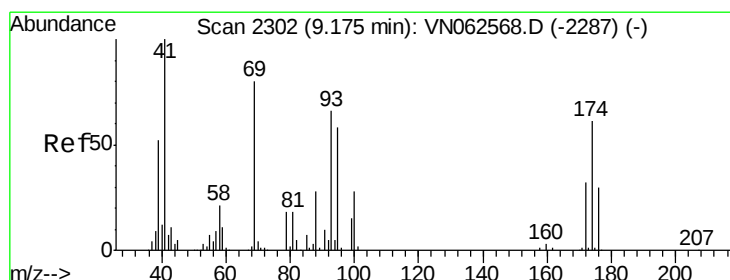
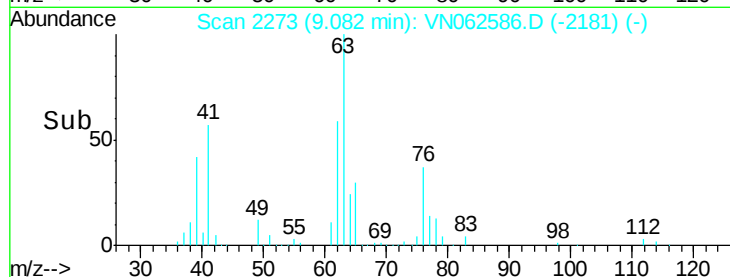
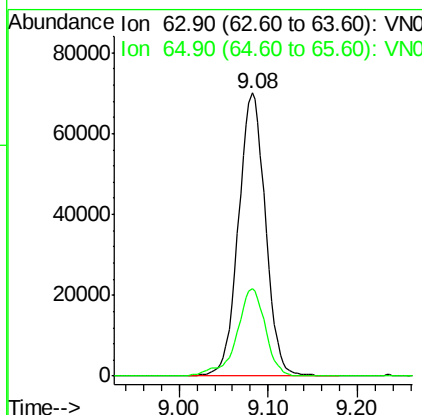
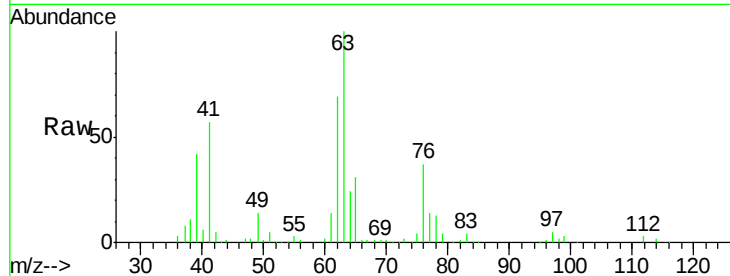
#45
 1,2-Dichloropropane
 Concen: 51.796 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 147056
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.4 36.6

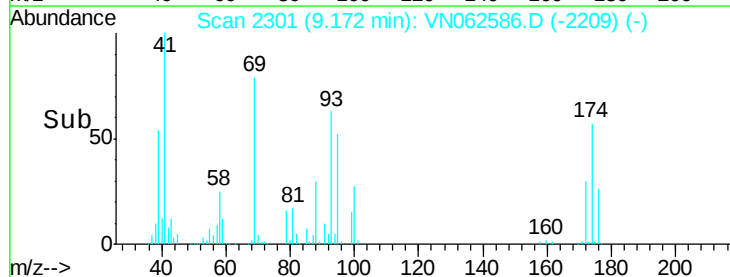
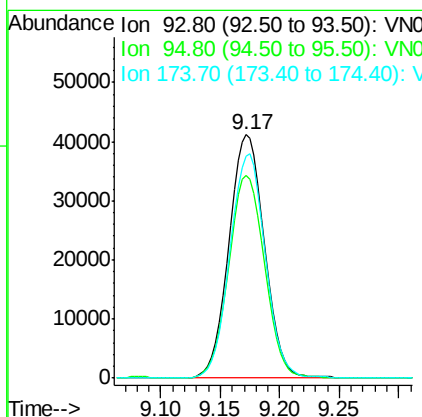
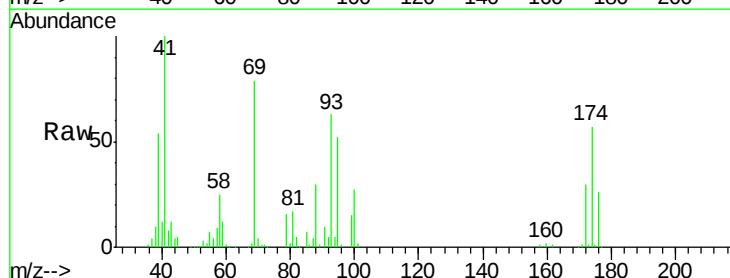
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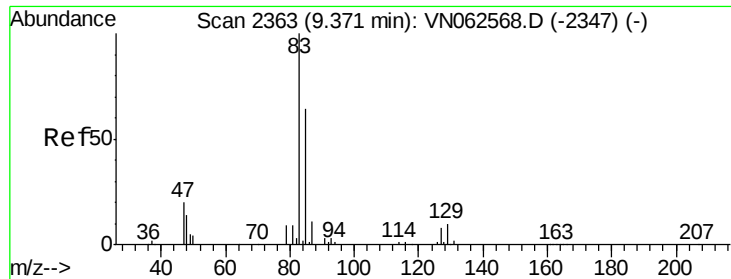
MMDadoda
 7/23/2020 2:14:58 PM



#46
 Dibromomethane
 Concen: 51.933 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Tgt Ion: 93 Resp: 85219
 Ion Ratio Lower Upper
 93 100
 95 84.5 67.6 101.4
 174 91.4 72.5 108.7





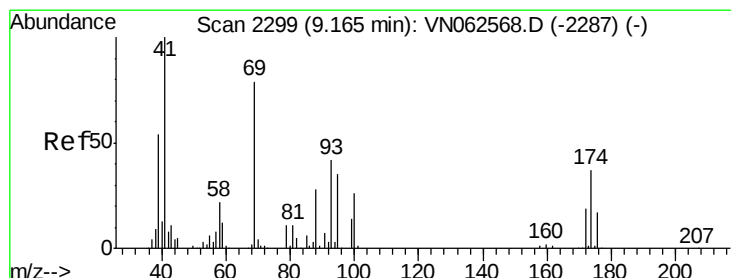
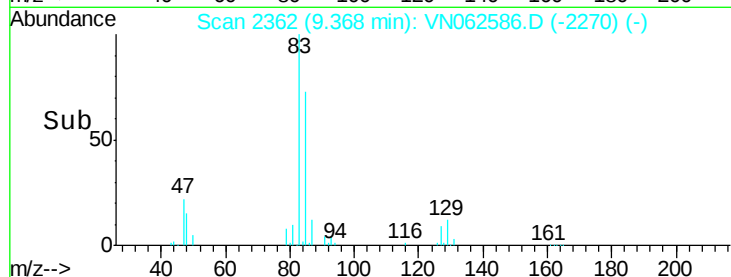
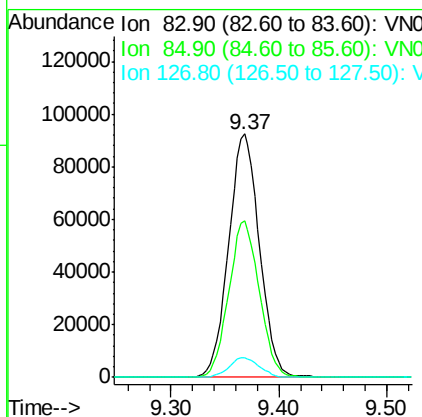
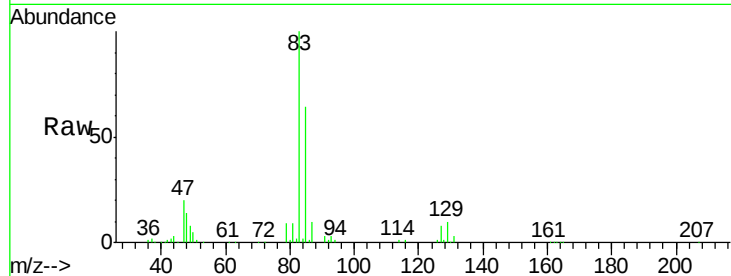
#47
Bromodichloromethane
Concen: 51.788 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	184107
Ion Ratio	100	Lower	Upper
85	64.1	51.6	77.4
127	8.1	6.2	9.2

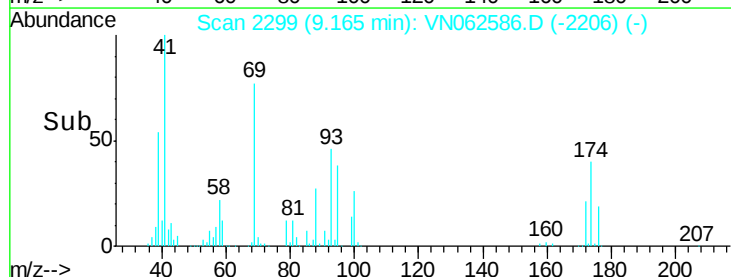
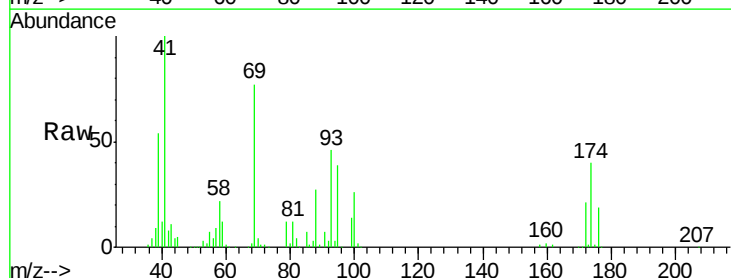
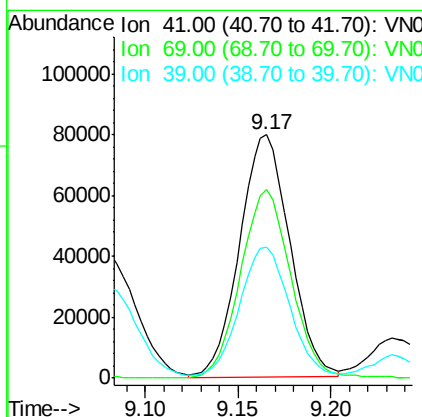
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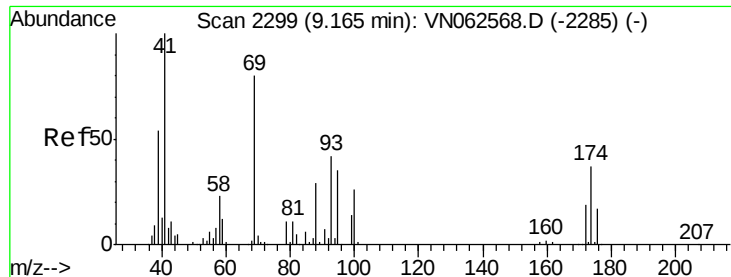
MMDadoda
7/23/2020 2:14:58 PM



#48
Methyl methacrylate
Concen: 54.419 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Tgt Ion	41	Resp	150145
Ion Ratio	100	Lower	Upper
69	78.2	64.4	96.6
39	54.2	43.5	65.3





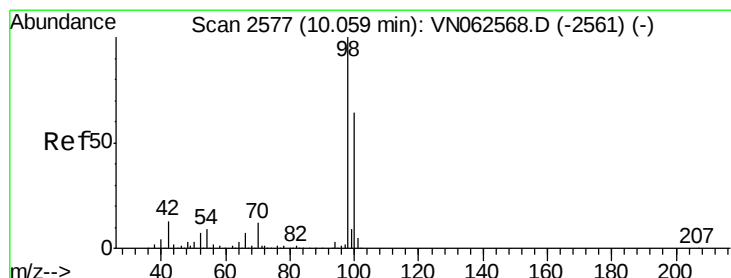
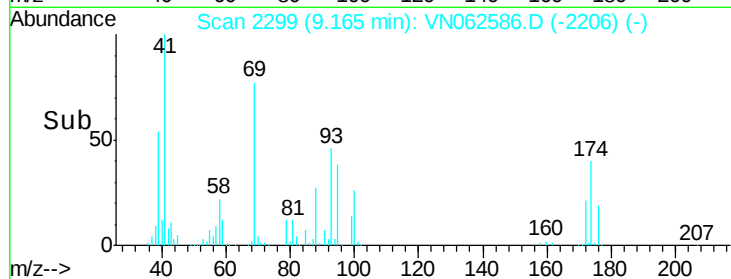
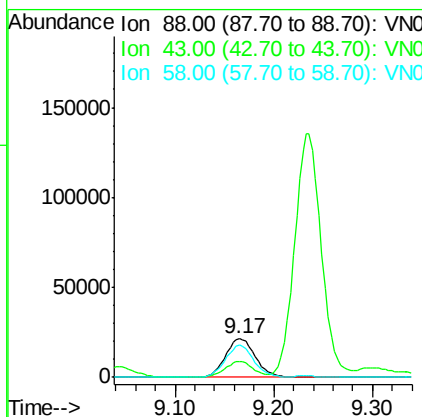
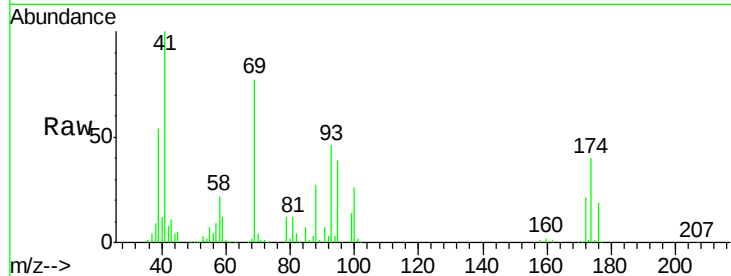
#49
1,4-Dioxane
Concen: 1086.267 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.2	32.0	48.0
58	78.9	62.8	94.2

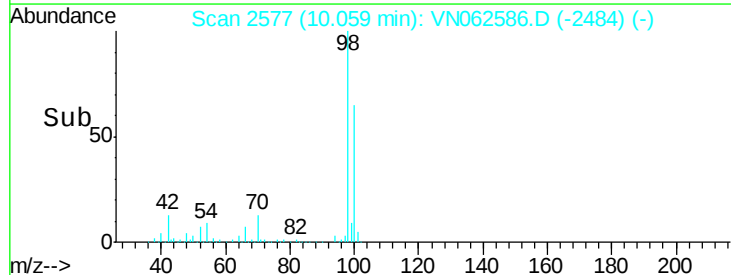
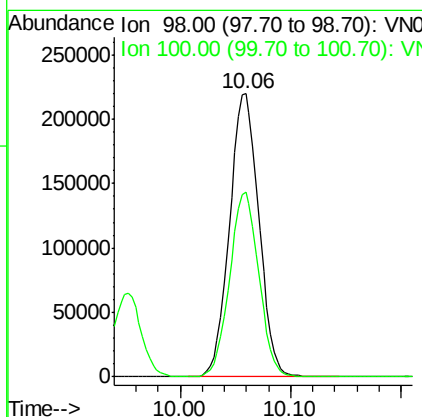
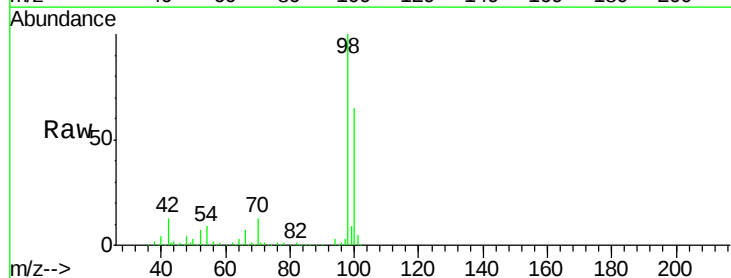
Manual Integrations
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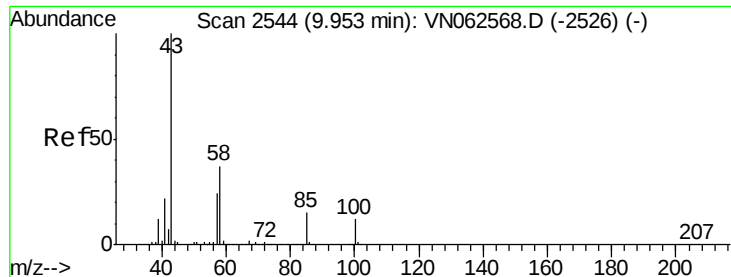
MMDadoda
7/23/2020 2:14:58 PM



#50
Toluene-d8
Concen: 49.485 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 271.937 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 944393

Ion Ratio Lower Upper

43 100

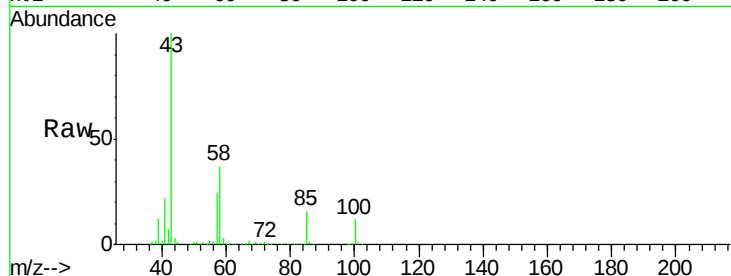
58 37.3 29.8 44.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.95

500000

400000

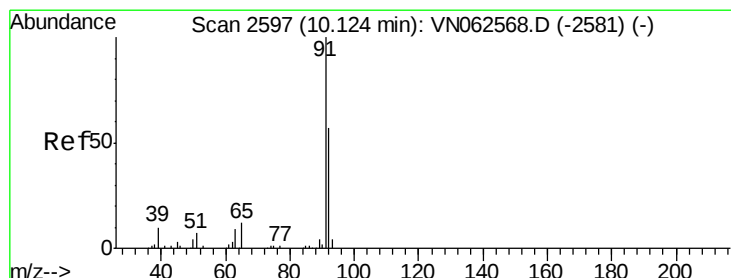
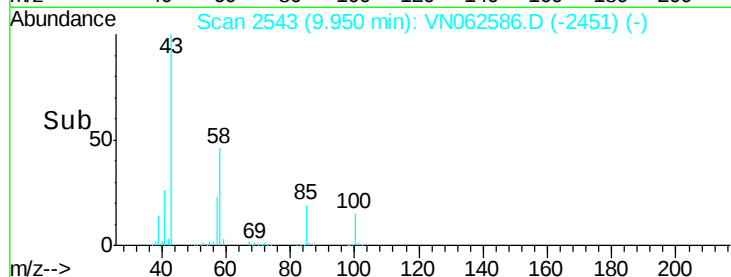
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 52.867 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062586.D

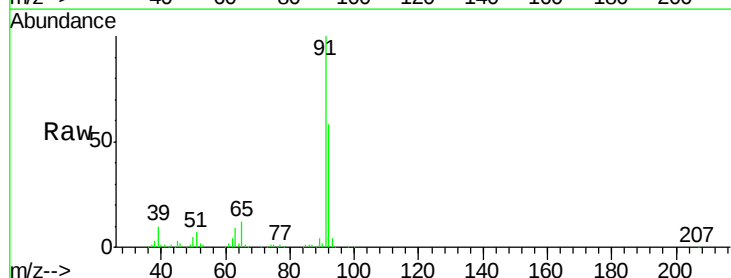
Acq: 22 Jul 2020 10:27

Tgt Ion: 92 Resp: 310419

Ion Ratio Lower Upper

92 100

91 173.4 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.12

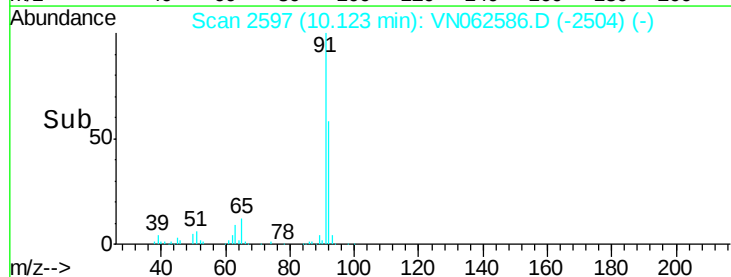
300000

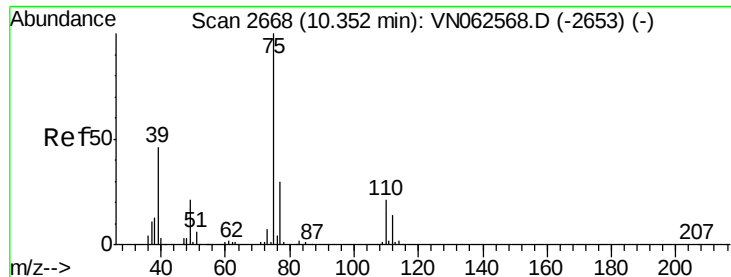
200000

100000

0

Time-->





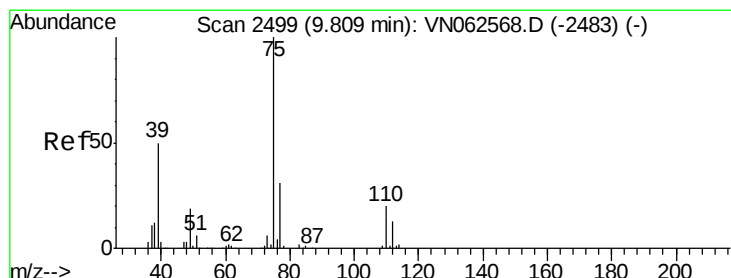
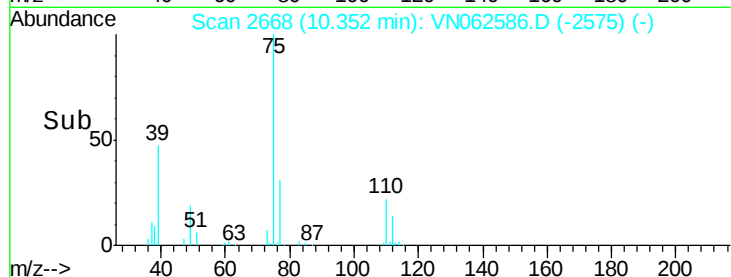
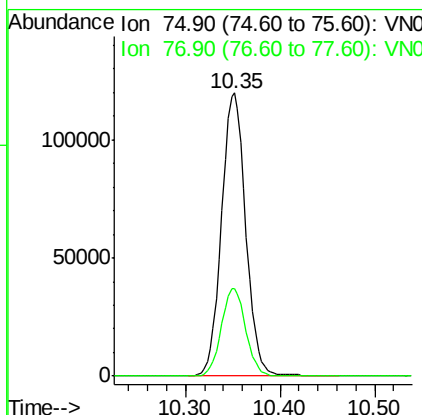
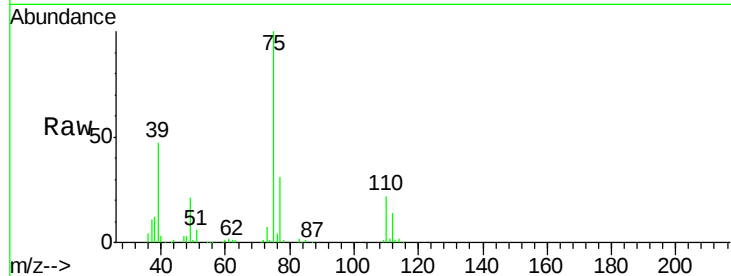
#53
t-1,3-Dichloropropene
Concen: 53.743 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	24.3	36.5

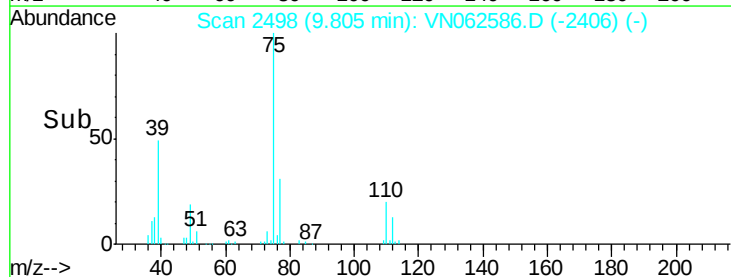
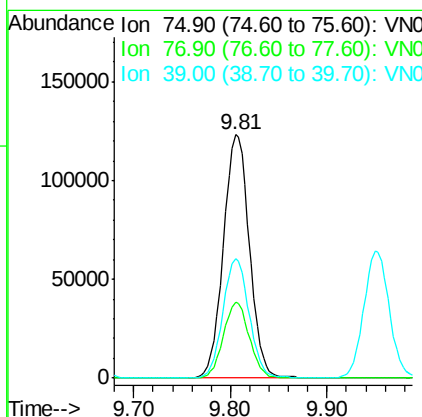
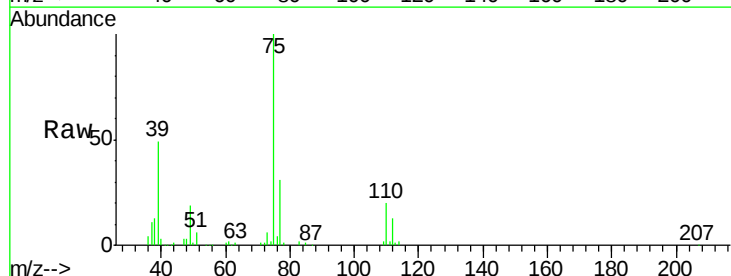
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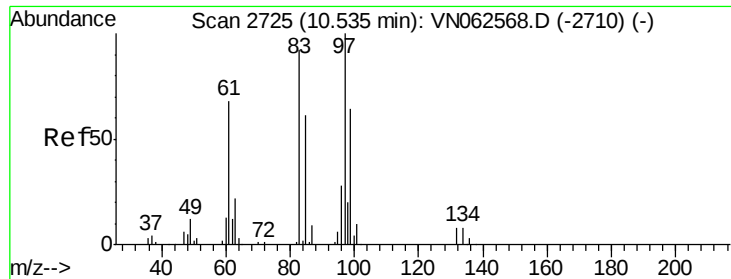
MMDadoda
7/23/2020 2:14:58 PM



#54
cis-1,3-Dichloropropene
Concen: 54.259 ug/l
RT: 9.81 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.0	37.6
39	49.1	39.8	59.8





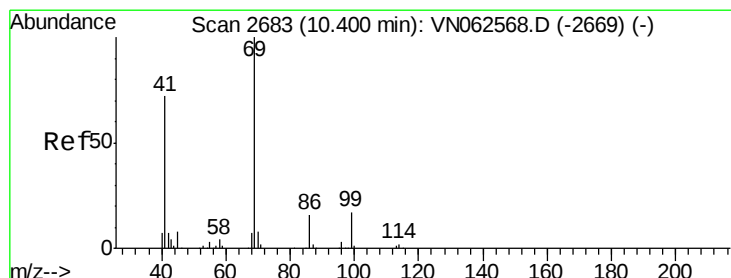
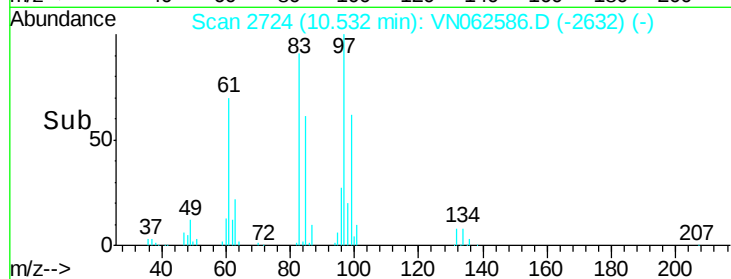
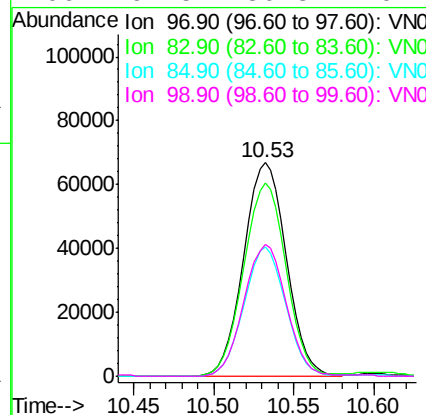
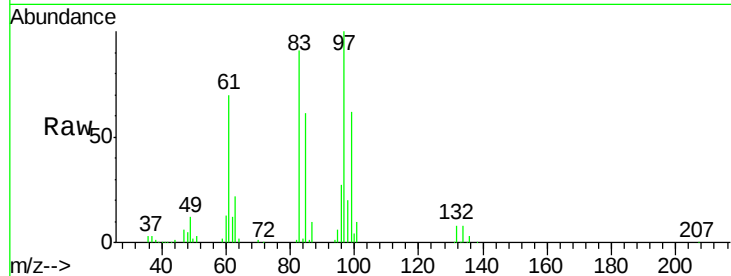
#55
 1,1,2-Trichloroethane
 Concen: 53.413 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	121651
Ion	Ratio	Lower	Upper
97	100		
83	90.6	73.7	110.5
85	60.6	48.5	72.7
99	61.5	50.8	76.2

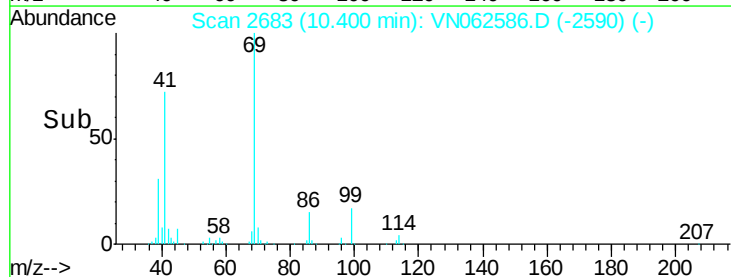
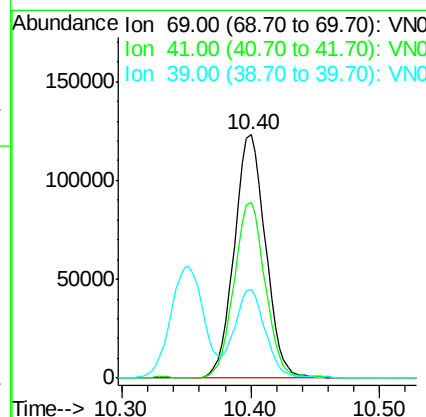
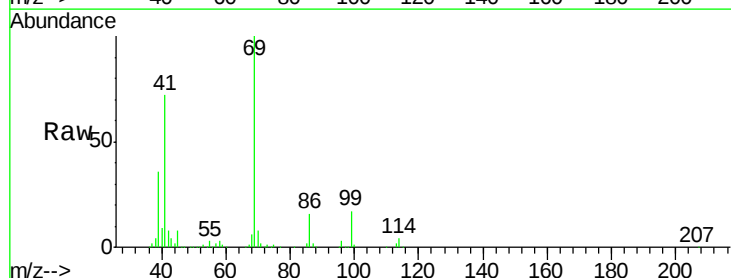
Manual Integrations
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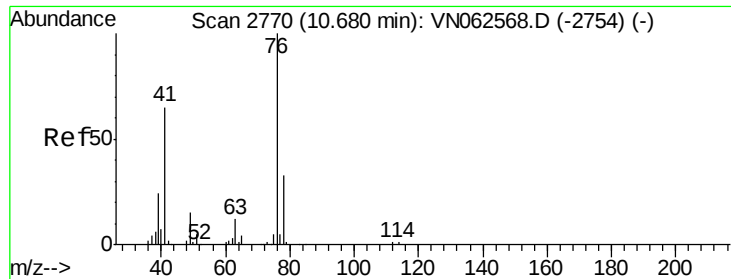
MMDadoda
 7/23/2020 2:14:58 PM



#56
 Ethyl methacrylate
 Concen: 50.750 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Tgt Ion:	69	Resp:	207662
Ion	Ratio	Lower	Upper
69	100		
41	71.6	57.2	85.8
39	34.8	28.6	43.0





#57

1,3-Dichloropropane

Concen: 52.822 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 220402

Ion Ratio Lower Upper

76 100

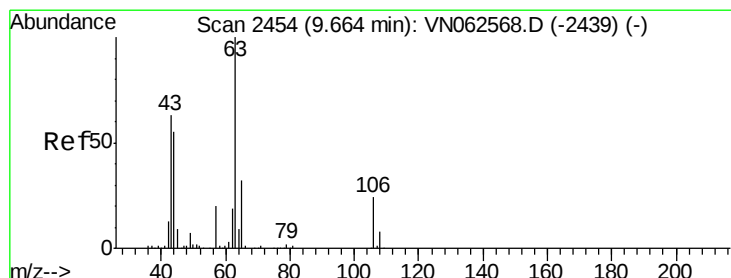
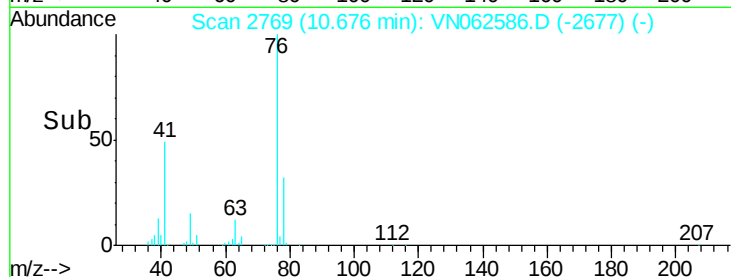
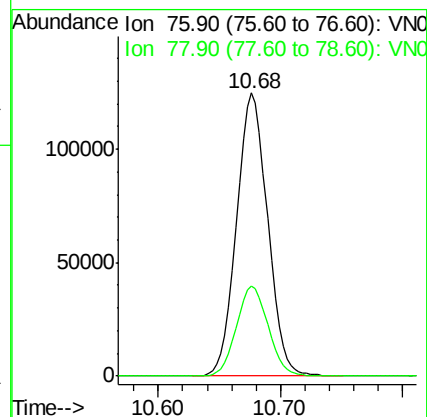
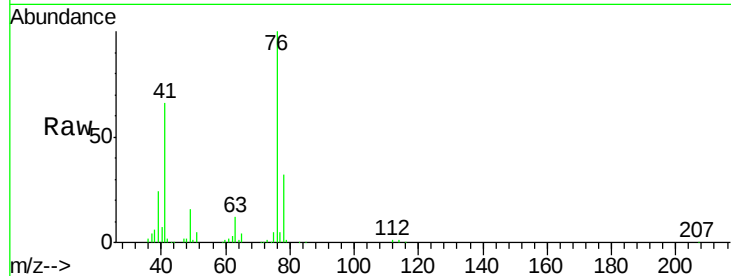
78 32.5 26.3 39.5

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 255.782 ug/l

RT: 9.66 min Scan# 2453

Delta R.T. -0.00 min

Lab File: VN062586.D

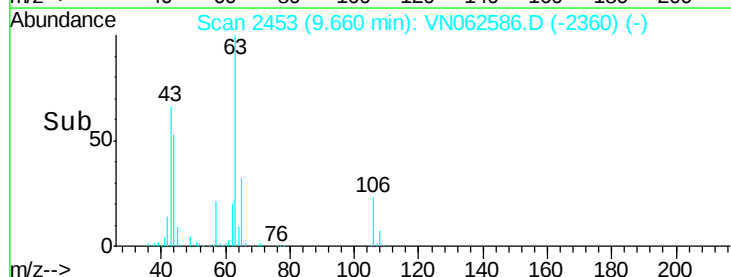
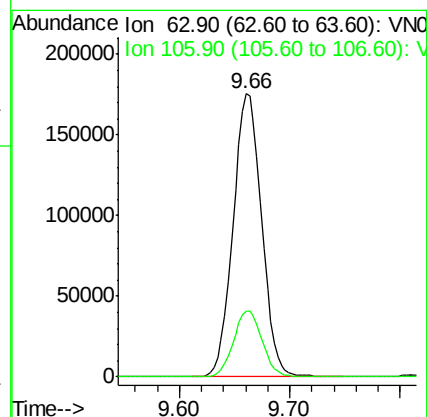
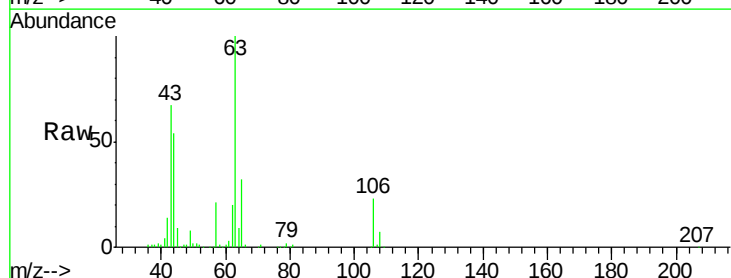
Acq: 22 Jul 2020 10:27

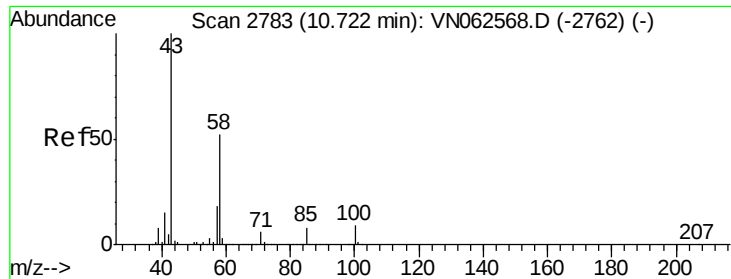
Tgt Ion: 63 Resp: 315755

Ion Ratio Lower Upper

63 100

106 23.5 18.9 28.3





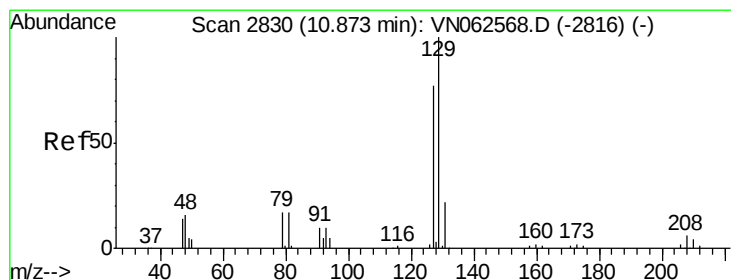
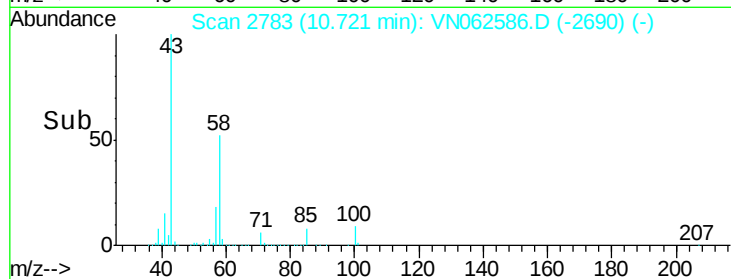
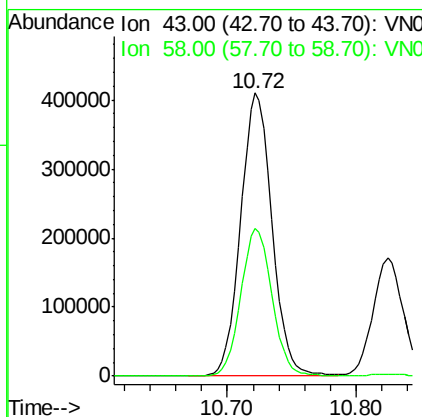
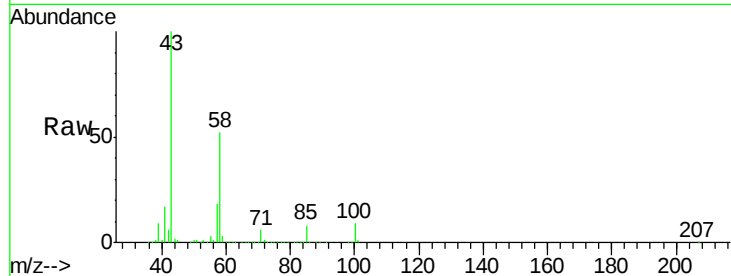
#59
2-Hexanone
Concen: 257.743 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	692492
Ion Ratio	100	Lower	Upper
43	100		
58	52.1	26.0	78.0

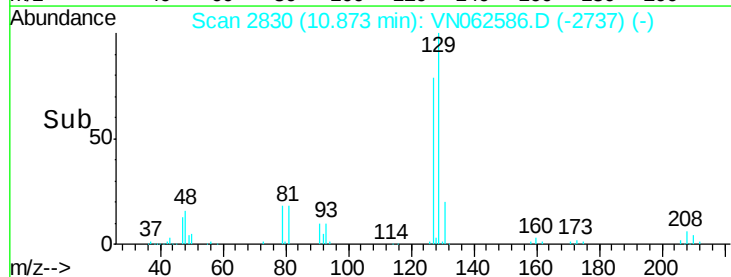
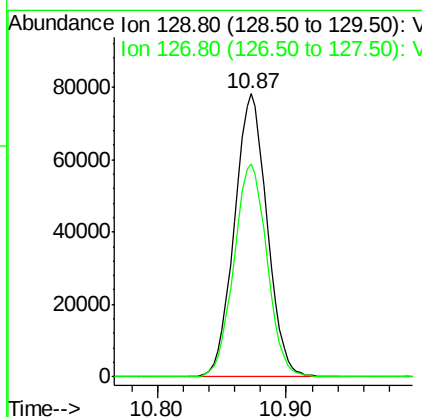
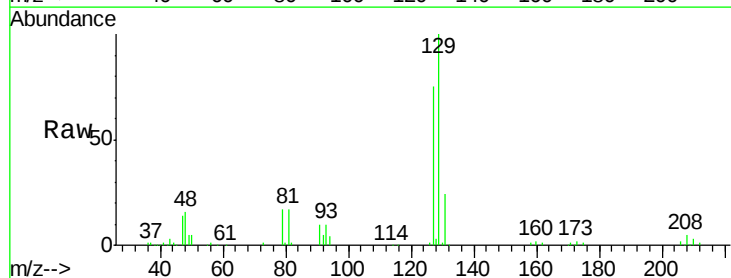
Manual Integrations
APPROVED

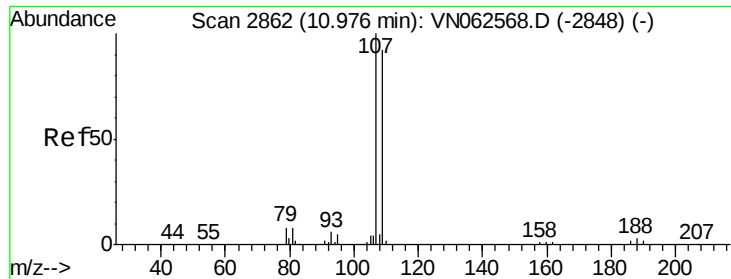
MMDadoda
7/23/2020 2:14:58 PM



#60
Dibromochloromethane
Concen: 54.075 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Tgt Ion	129	Resp	137395
Ion Ratio	100	Lower	Upper
129	100		
127	76.1	38.0	113.9





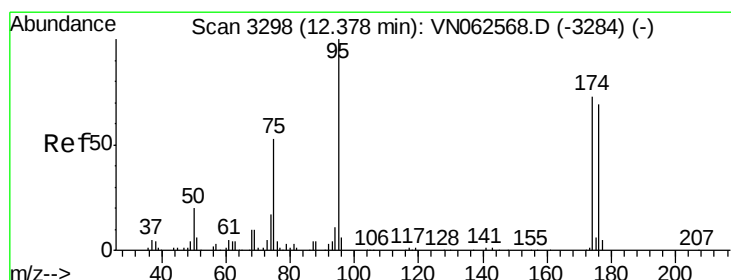
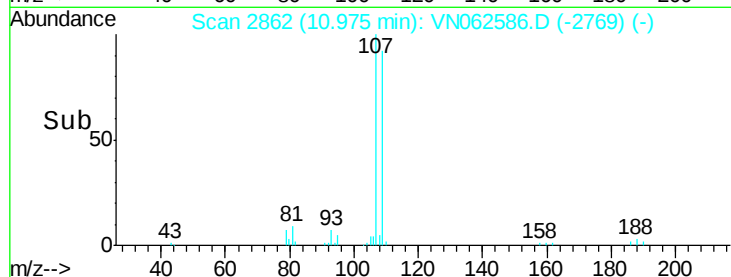
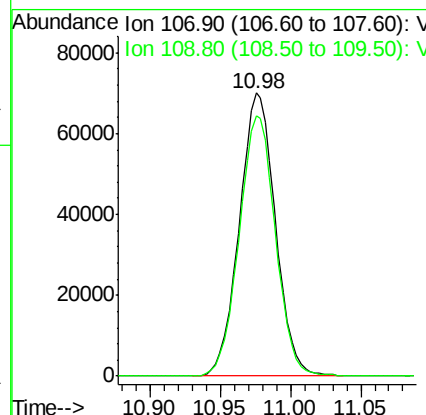
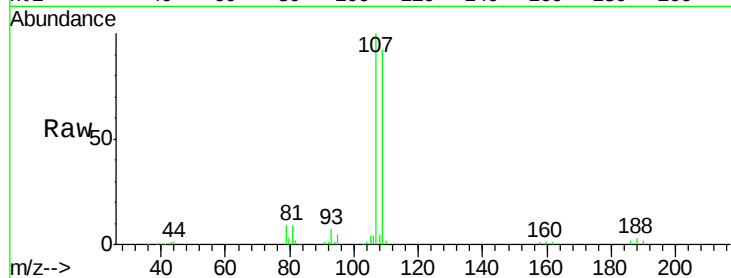
#61
 1,2-Dibromoethane
 Concen: 52.821 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.7	73.8	110.6

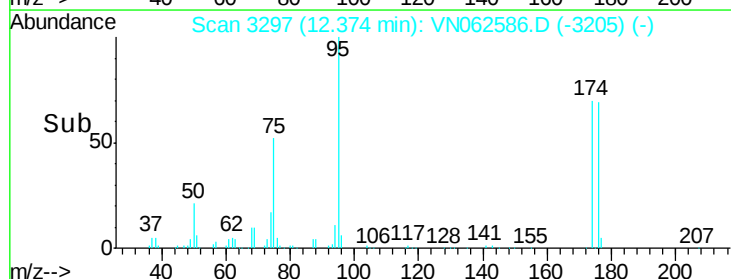
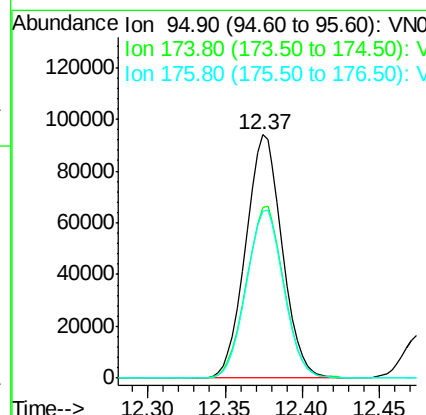
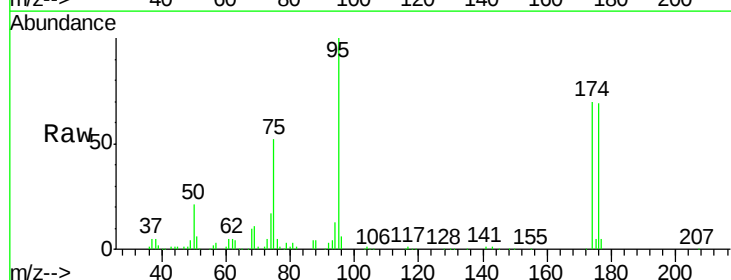
Manual Integrations
 APPROVED

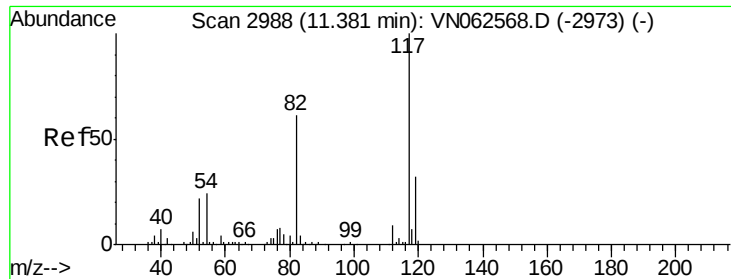
MMDadoda
 7/23/2020 2:14:58 PM



#62
 4-Bromofluorobenzene
 Concen: 51.405 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.4	0.0	144.6
176	70.6	0.0	139.4





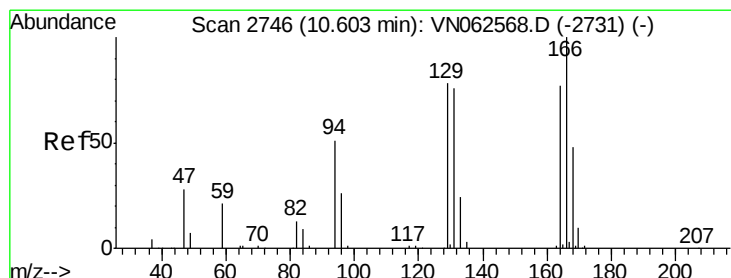
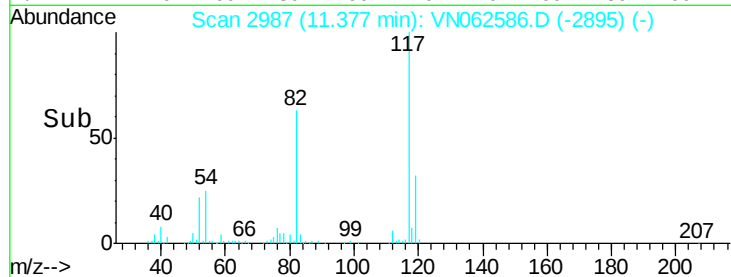
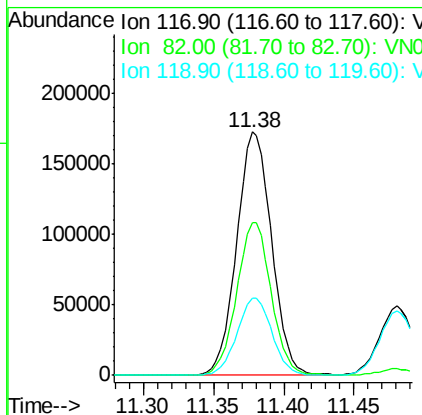
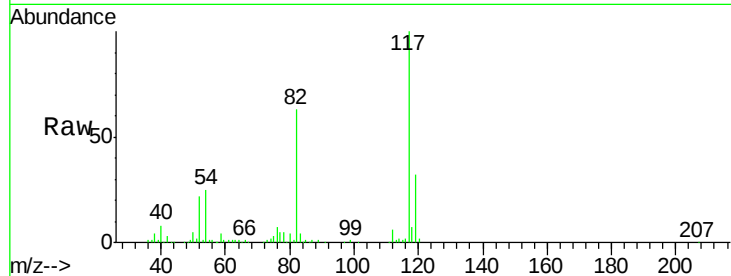
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	301031		
82	63.0	49.0	73.6	
119	31.5	25.4	38.2	

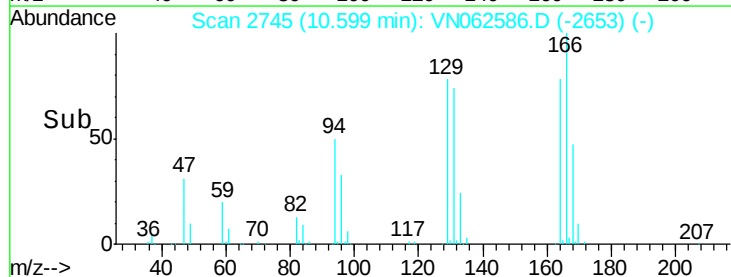
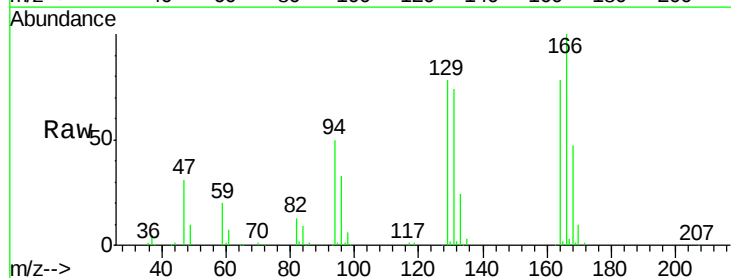
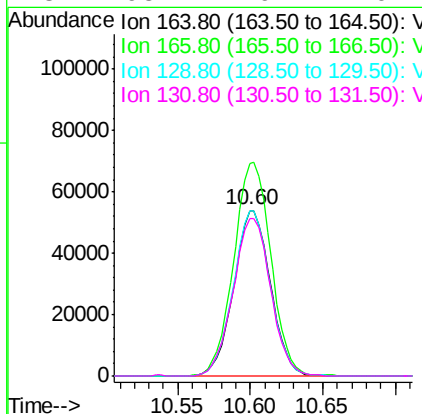
Manual Integrations
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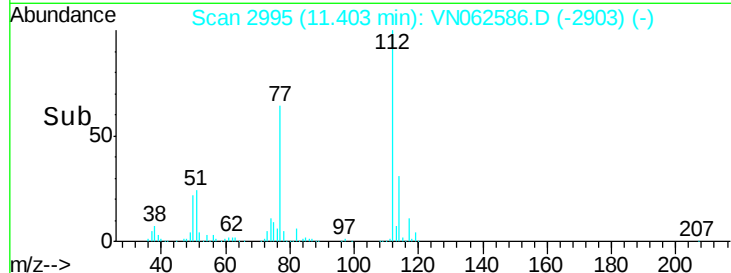
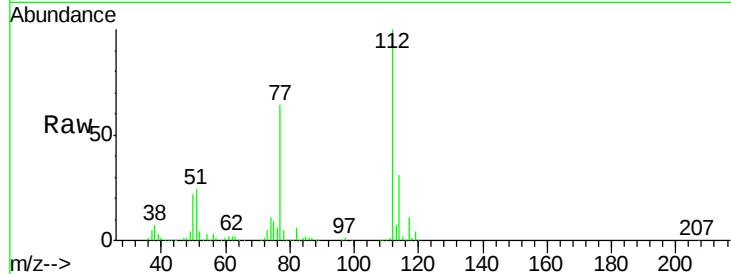
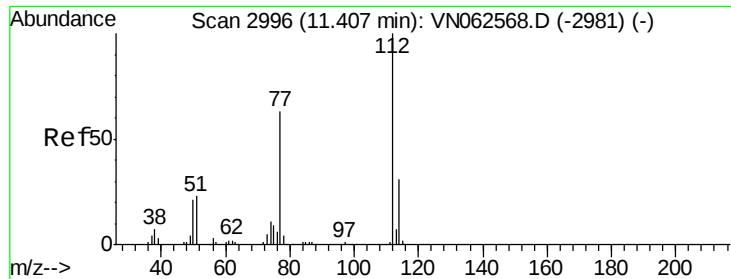
MMDadoda
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#64
Tetrachloroethene
Concen: 48.558 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	94974		
166	128.3	104.4	156.6	
129	99.8	81.0	121.4	
131	95.1	79.4	119.2	





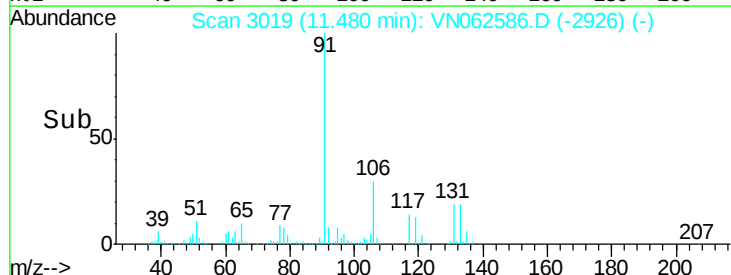
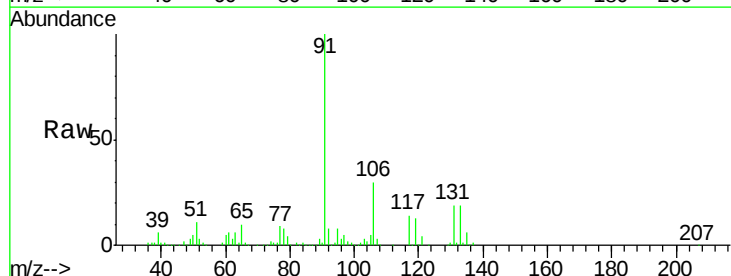
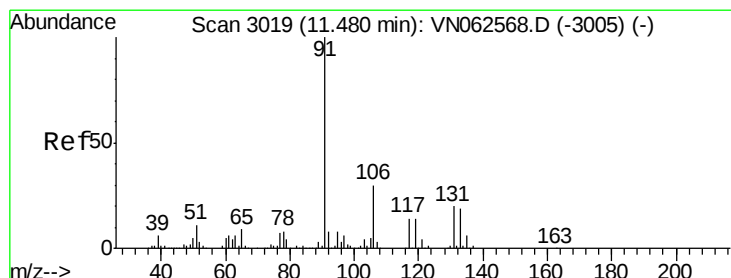
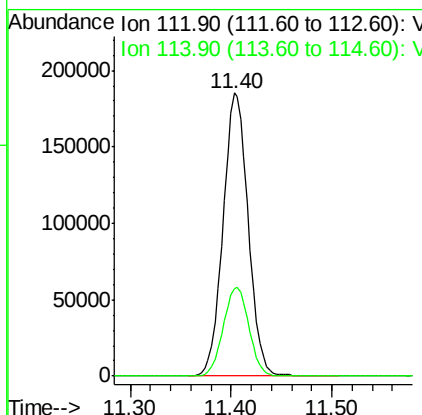
#65
Chlorobenzene
Concen: 51.101 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Tot Ion:112 Resp: 322491
Ion Ratio Lower Upper
112 100
114 30.9 25.1 37.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

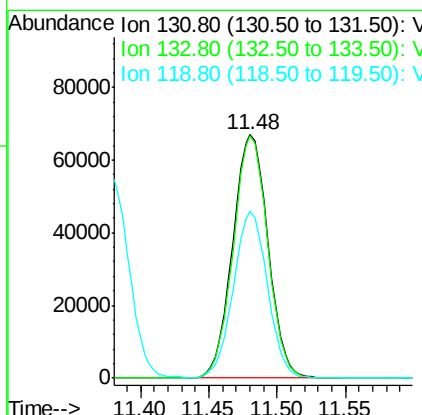
Manual Integrations
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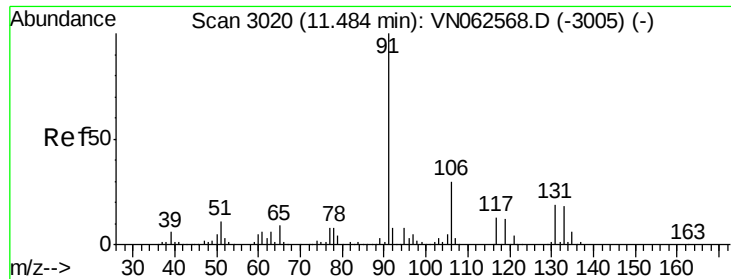
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.783 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Tgt Ion:131 Resp: 120566
Ion Ratio Lower Upper
131 100
133 96.6 47.3 142.0
119 66.2 33.7 101.0





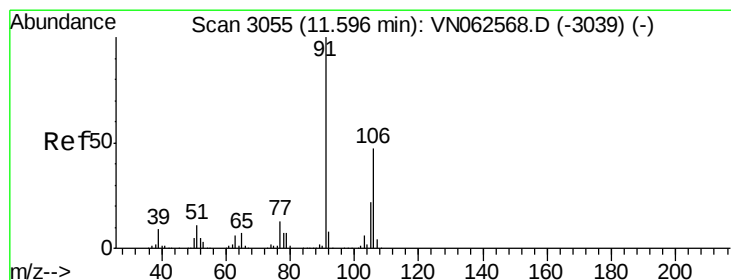
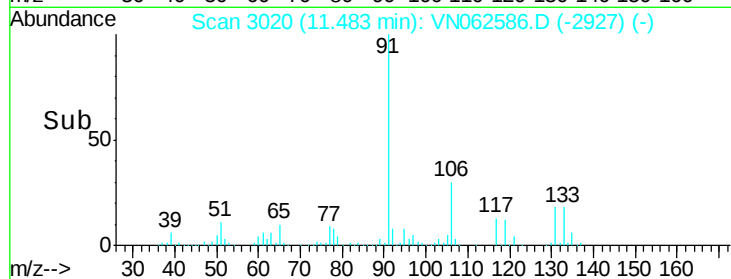
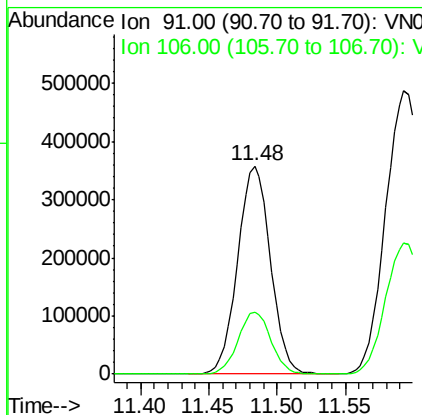
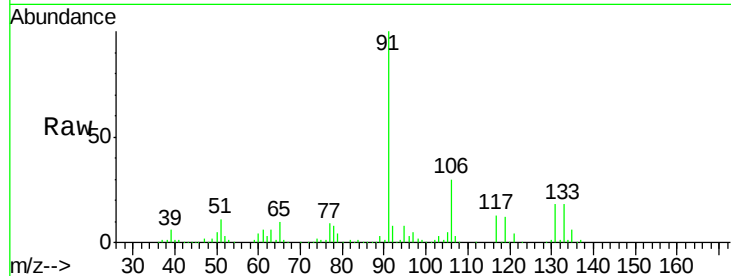
#67
Ethyl Benzene
Concen: 51.704 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 598276
Ion Ratio Lower Upper
91 100
106 29.9 23.8 35.8

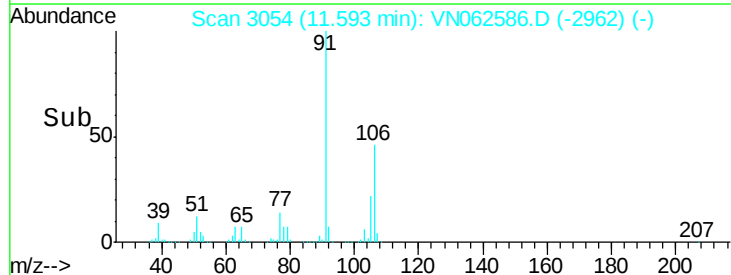
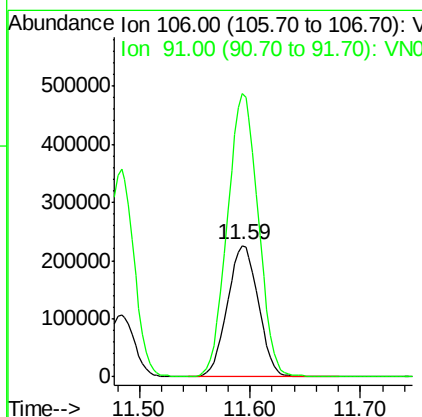
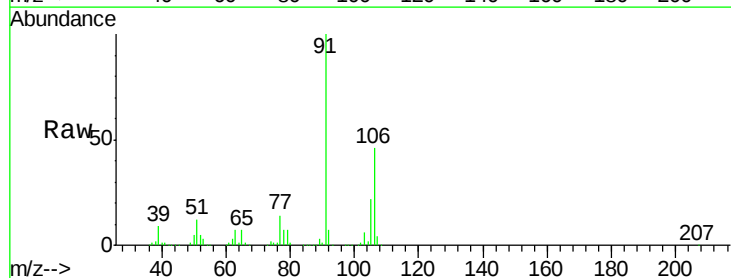
Manual Integrations
APPROVED

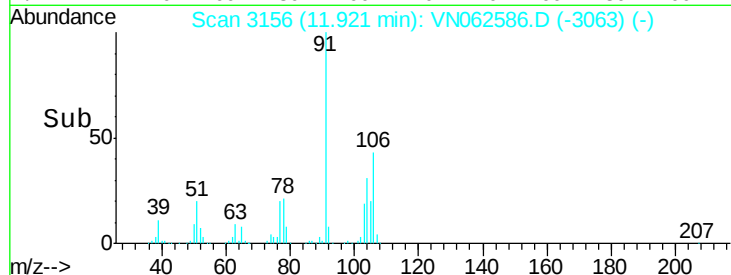
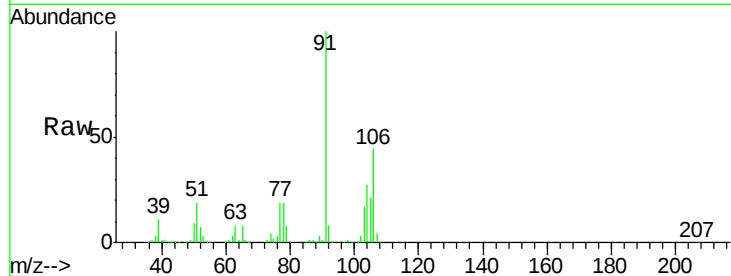
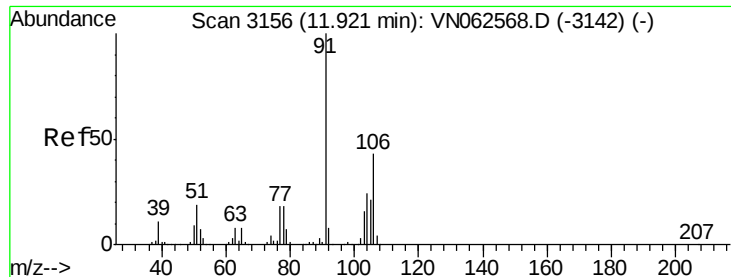
MMDadoda
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#68
m/p-Xylenes
Concen: 105.622 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Tgt Ion: 106 Resp: 439284
Ion Ratio Lower Upper
106 100
91 215.0 171.4 257.2





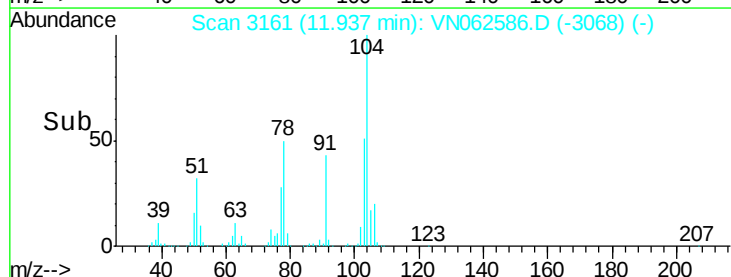
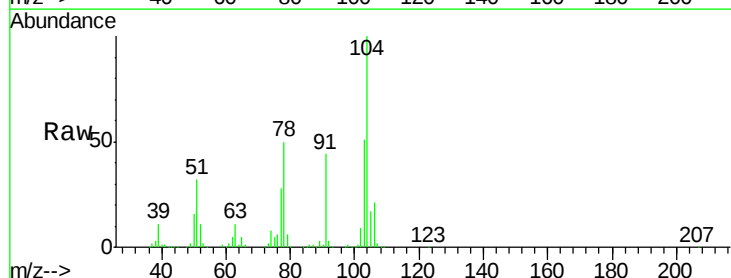
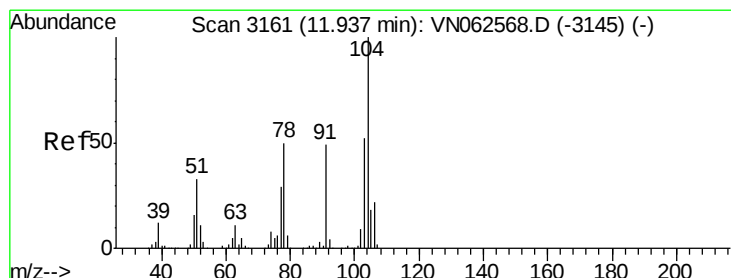
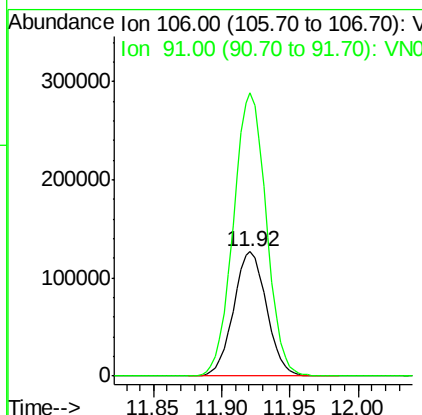
#69
o-Xylene
Concen: 54.110 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Tot Ion	Ratio	Lower	Upper
106	100		
91	225.5	113.8	341.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

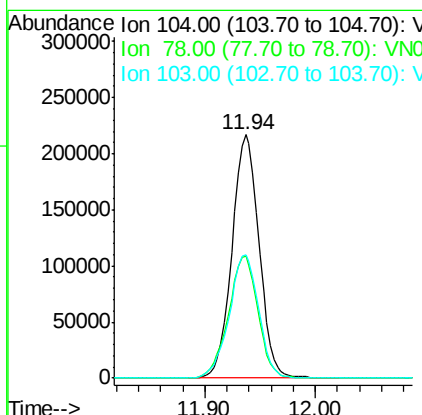
Manual Integrations
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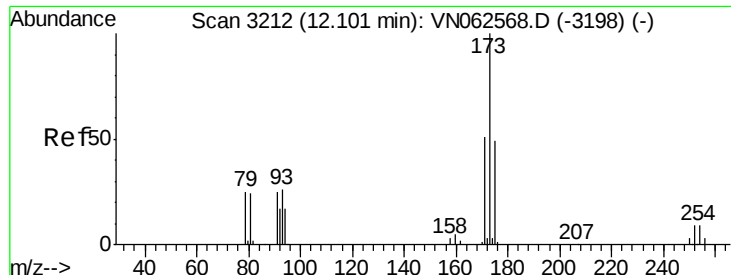
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#70
Styrene
Concen: 55.333 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
104	100		
78	55.0	43.8	65.6
103	55.2	44.0	66.0





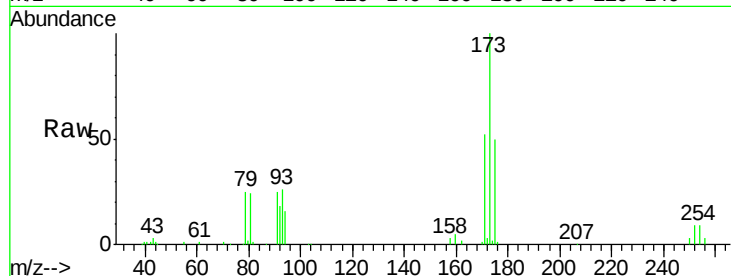
#71
Bromoform
Concen: 53.193 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

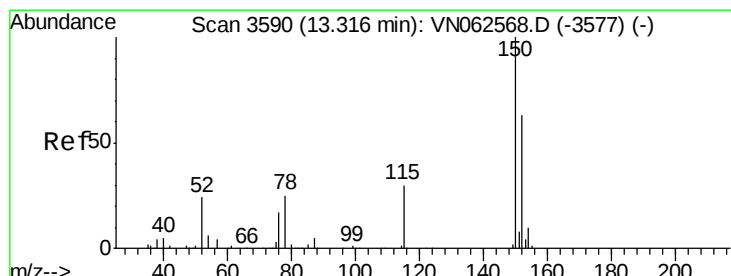
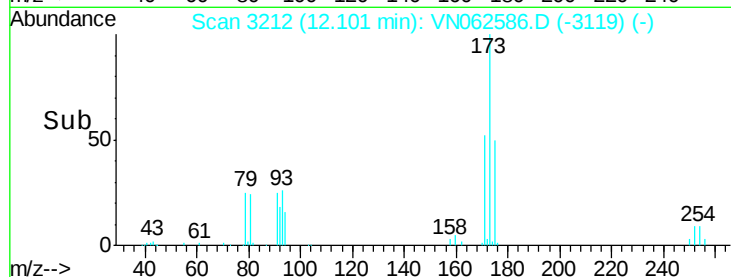
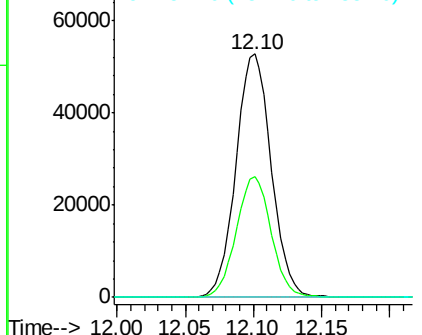
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.1	72.2
254	0.0	0.0	0.0

Manual Integrations
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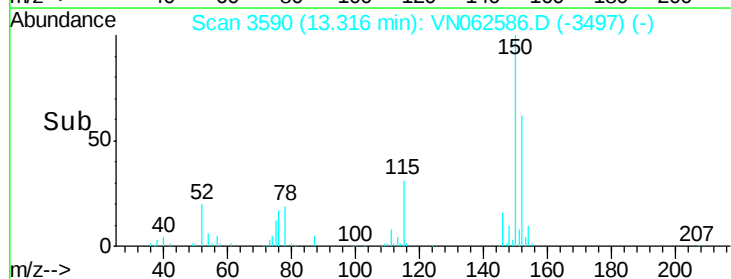
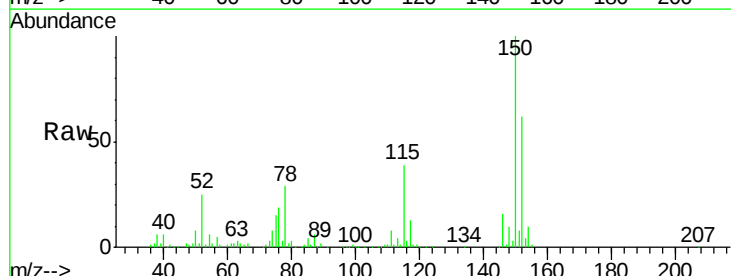
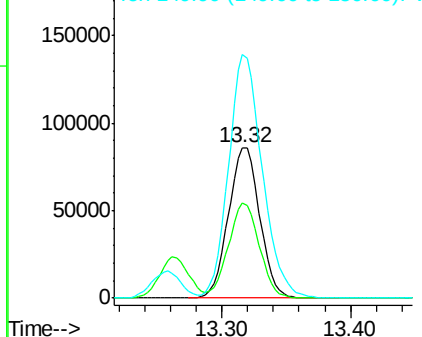
Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

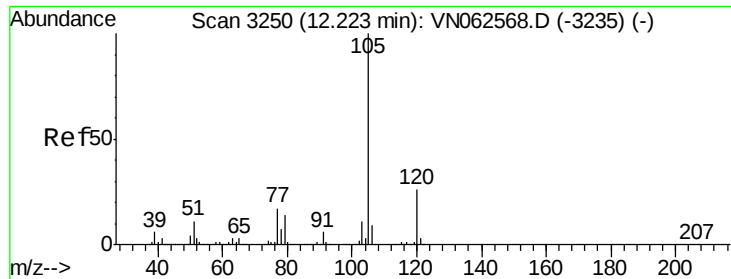


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.3	31.8	95.4
150	174.7	0.0	351.4

Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





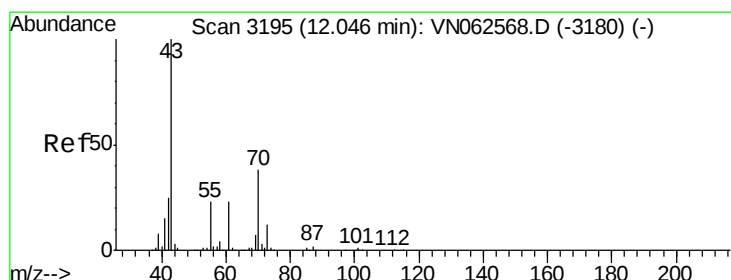
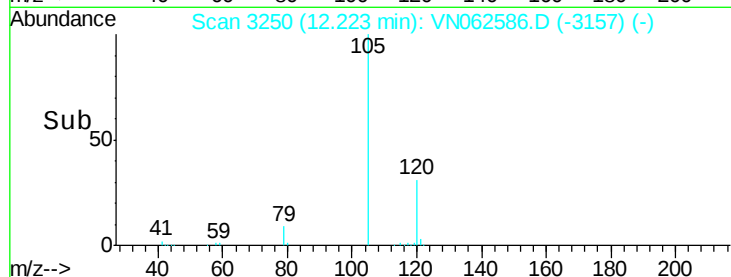
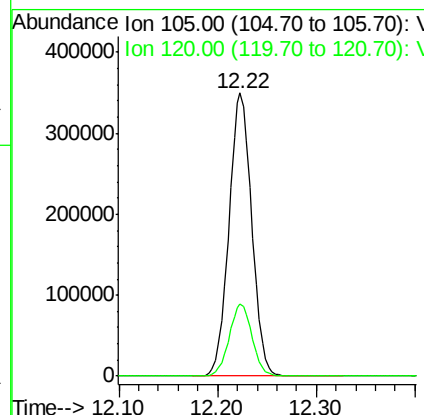
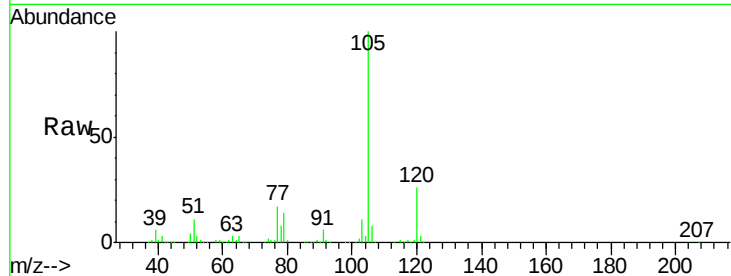
#73
Isopropylbenzene
Concen: 49.538 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.7	12.8	38.4

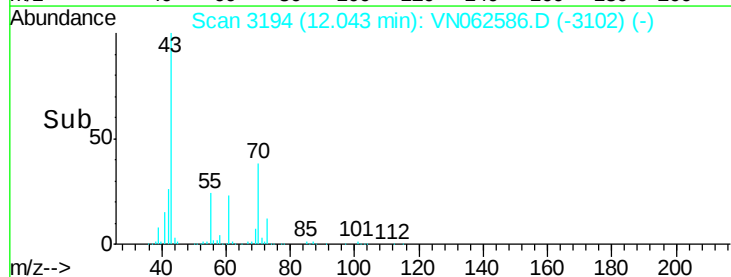
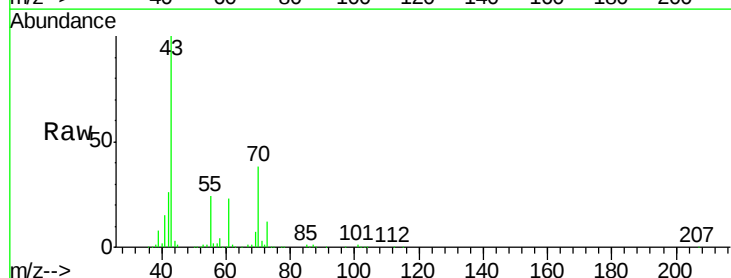
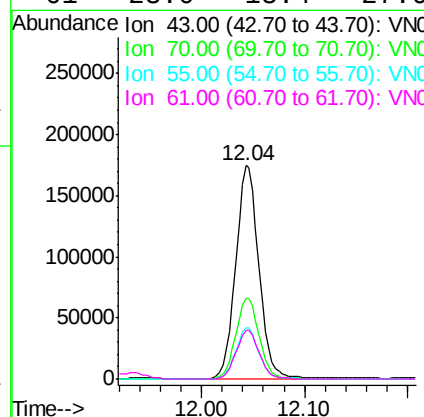
Manual Integrations
APPROVED

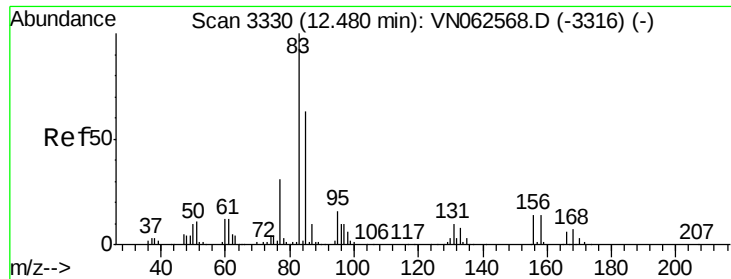
MMDadoda
7/23/2020 2:14:58 PM



#74
N-ethyl acetate
Concen: 53.766 ug/l
RT: 12.04 min Scan# 3194
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
43	100		
70	38.3	30.5	45.7
55	24.2	19.0	28.6
61	23.0	18.4	27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 47.638 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

Instrument :

MSVOA_N

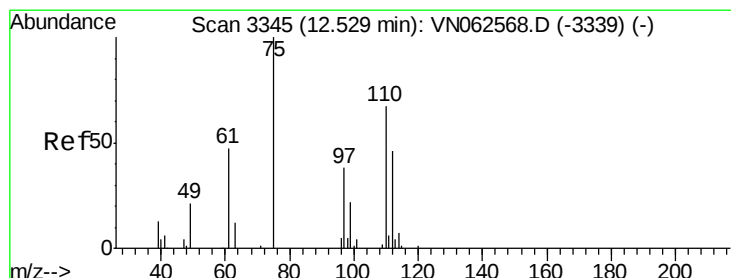
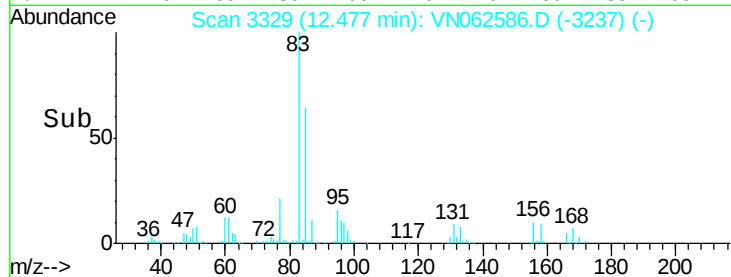
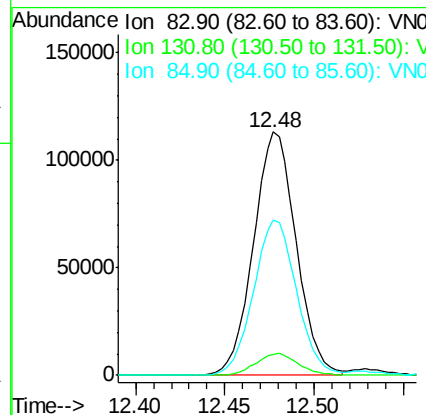
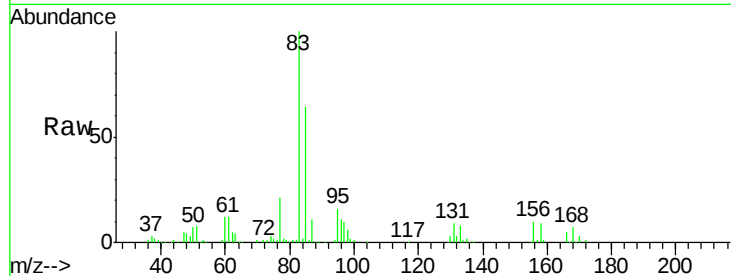
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	189346
Ion Ratio	Lower	Upper	
83	100		
131	9.2	4.8	14.3
85	64.1	31.8	95.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 44.510 ug/l m

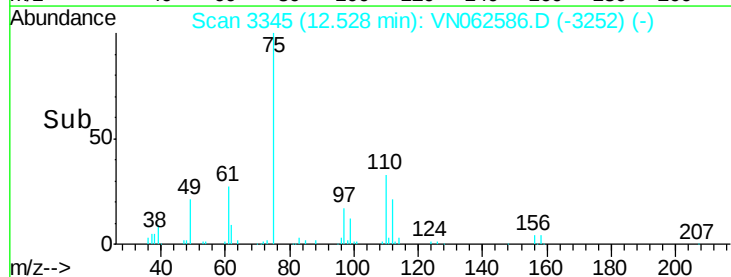
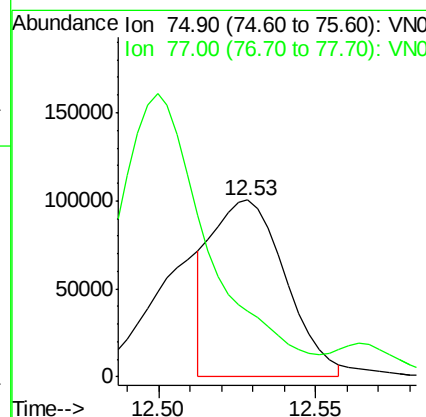
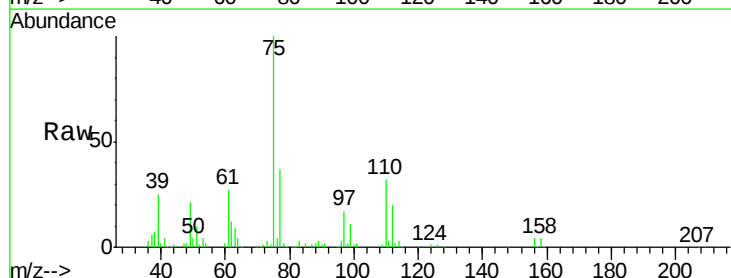
RT: 12.53 min Scan# 3345

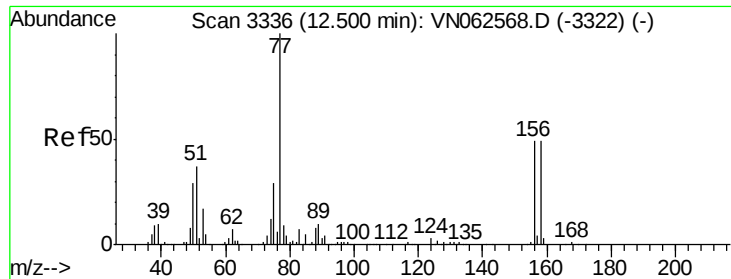
Delta R.T. -0.00 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

Tgt Ion:	75	Resp:	163885
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.984 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

Instrument :

MSVOA_N

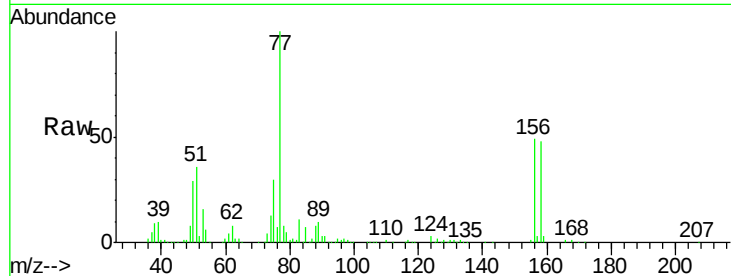
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	238.6	122.8	368.3
158	96.4	49.4	148.0

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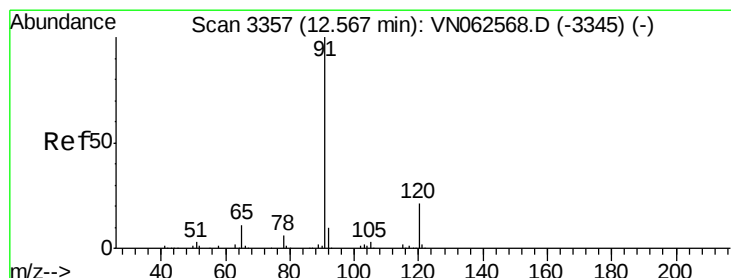
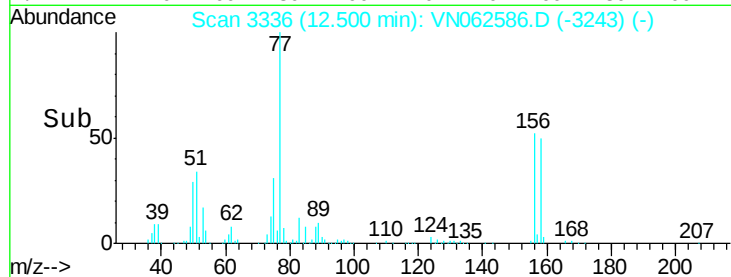
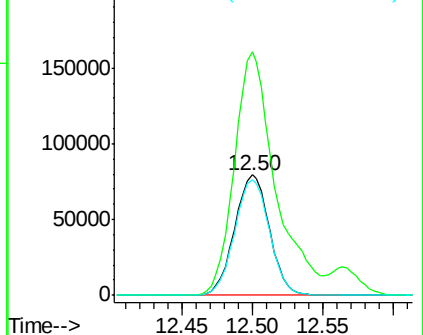
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VNO

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.838 ug/l

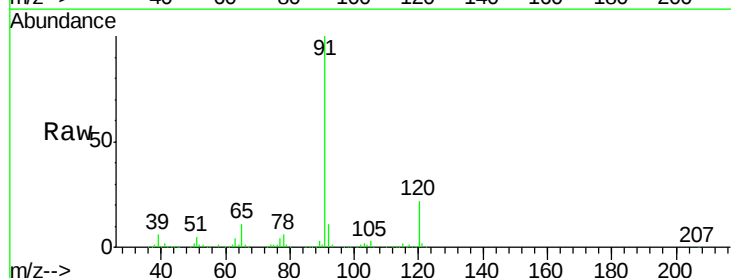
RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062586.D

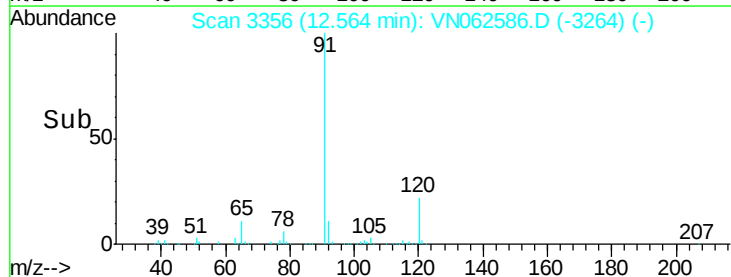
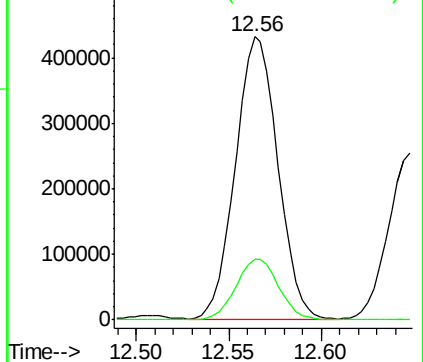
Acq: 22 Jul 2020 10:27

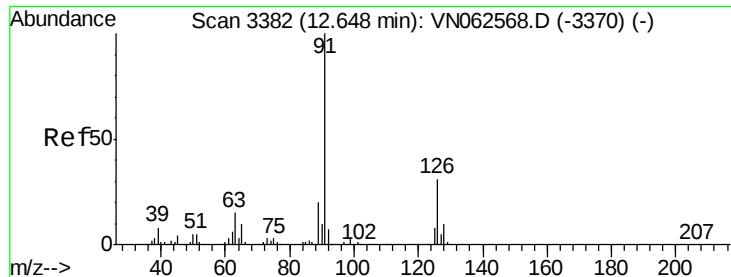
Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.0	10.9	32.6



Abundance Ion 91.00 (90.70 to 91.70): VNO

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.077 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 413487

Ion Ratio Lower Upper

91 100

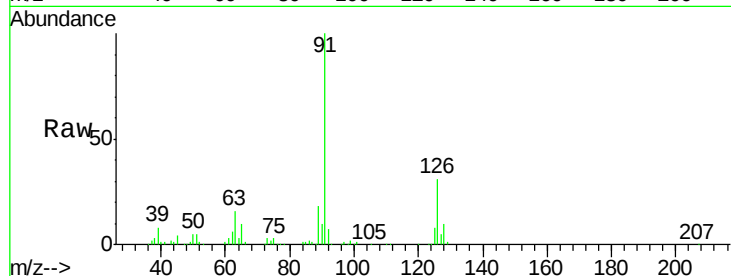
126 31.7 15.9 47.6

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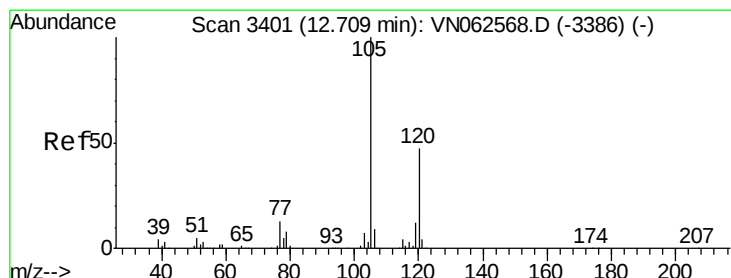
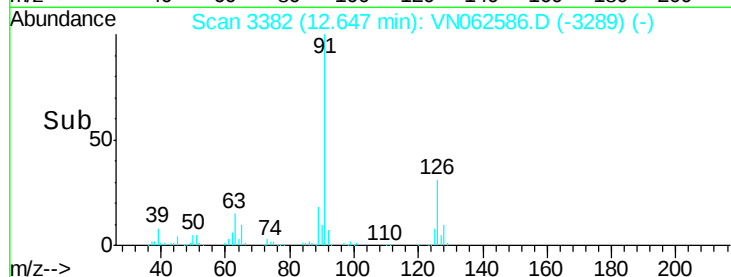
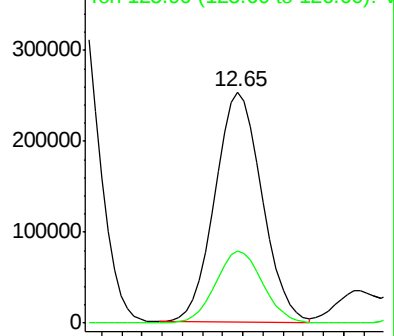
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Abundance Ion 91.00 (90.70 to 91.70): VN062586.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.645 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062586.D

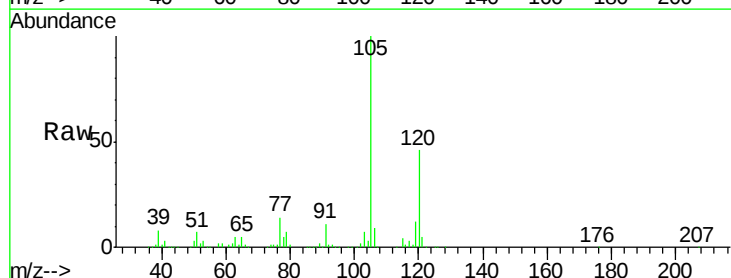
Acq: 22 Jul 2020 10:27

Tgt Ion: 105 Resp: 499489

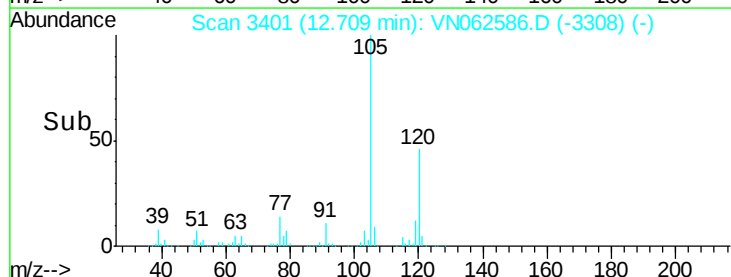
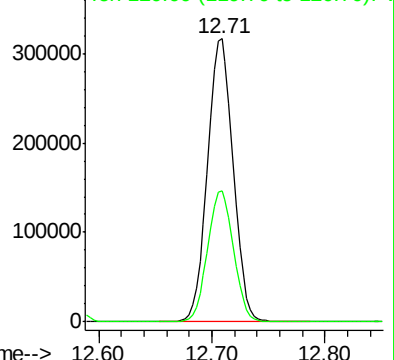
Ion Ratio Lower Upper

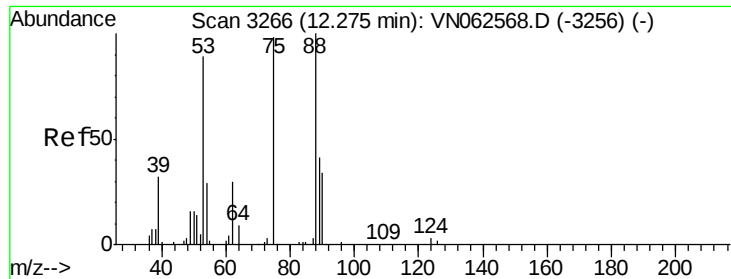
105 100

120 46.9 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): VN062586.D (-3386) (-)





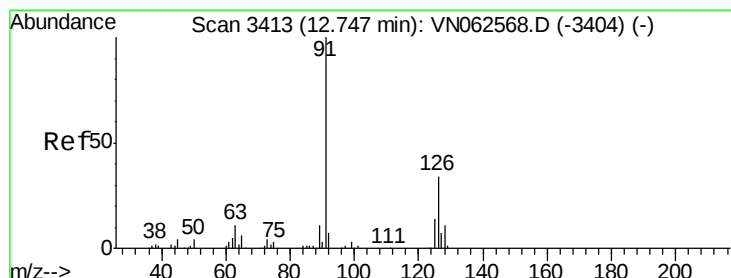
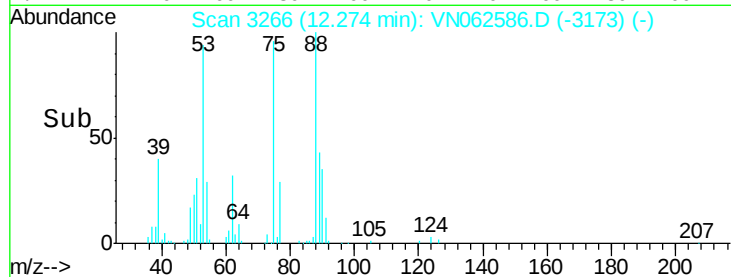
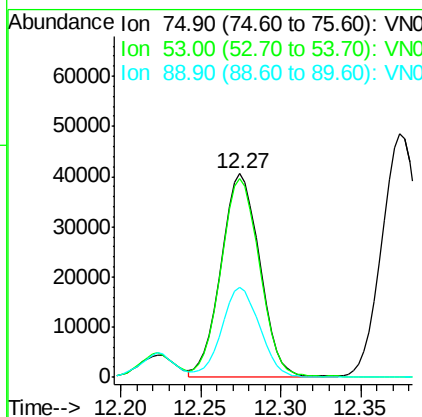
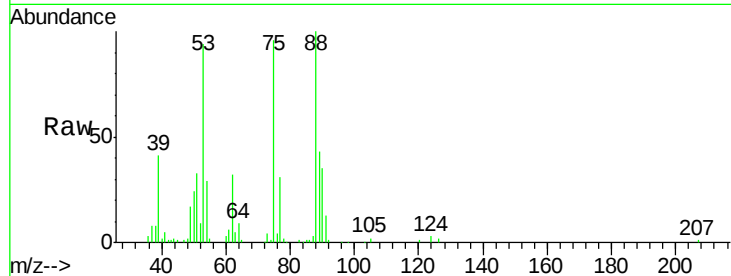
#81
trans-1,4-Dichloro-2-butene
Concen: 51.151 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.4	75.4	113.0
89	43.0	34.5	51.7

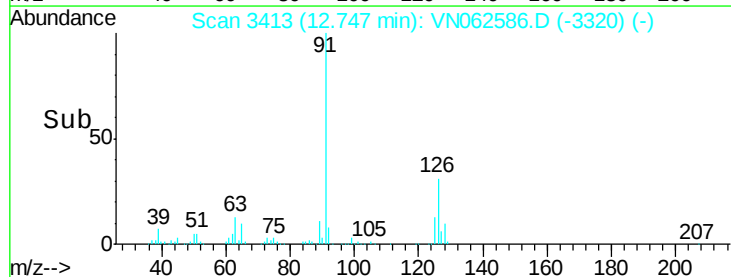
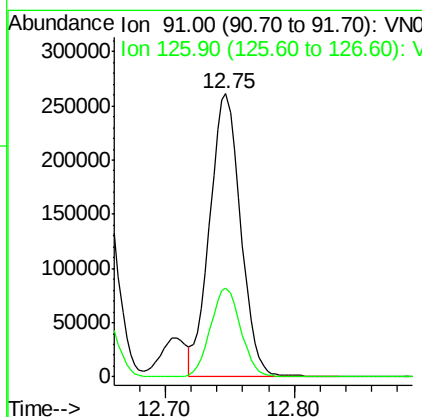
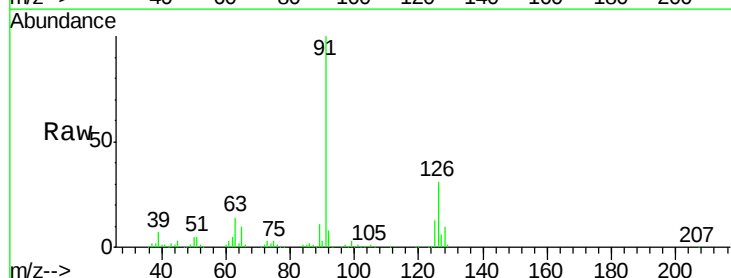
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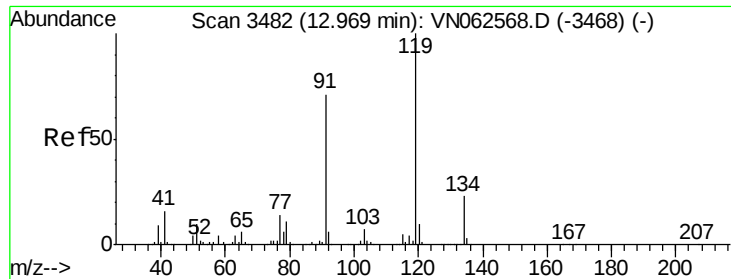
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#82
4-Chlorotoluene
Concen: 50.318 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.4	46.4





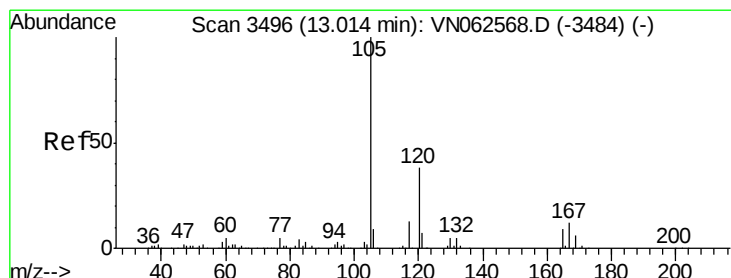
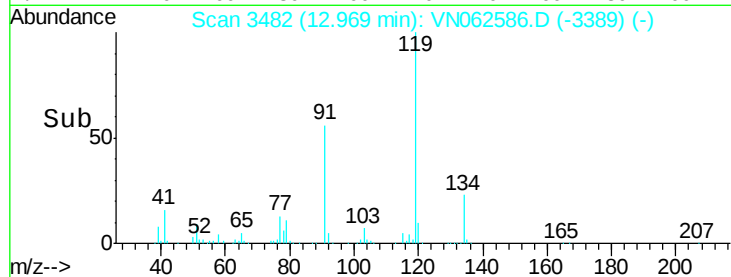
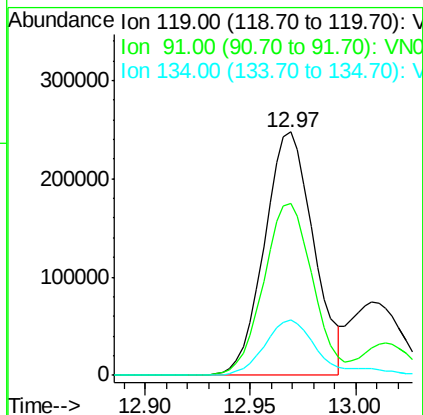
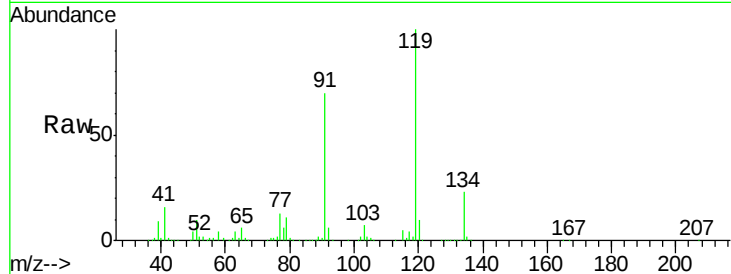
#83
 tert-Butylbenzene
 Concen: 51.001 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.3	34.6	103.8
134	23.2	11.5	34.4

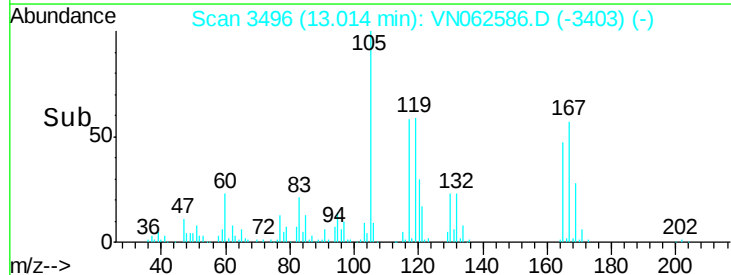
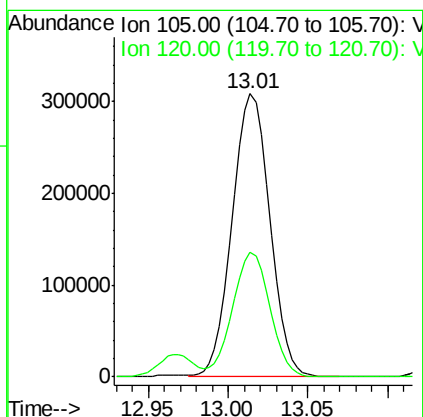
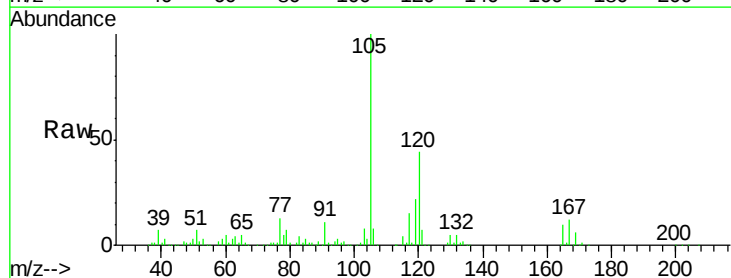
Manual Integrations
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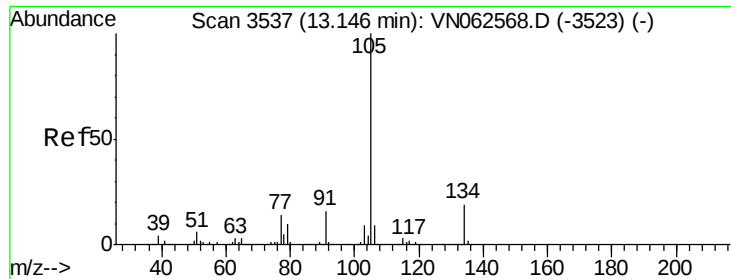
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.028 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.7	22.1	66.3





#85

sec-Butylbenzene

Concen: 51.458 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 542744

Ion Ratio Lower Upper

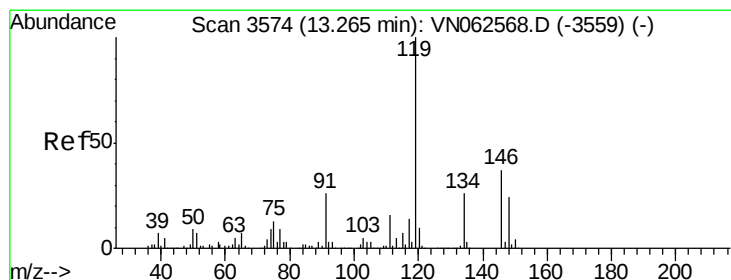
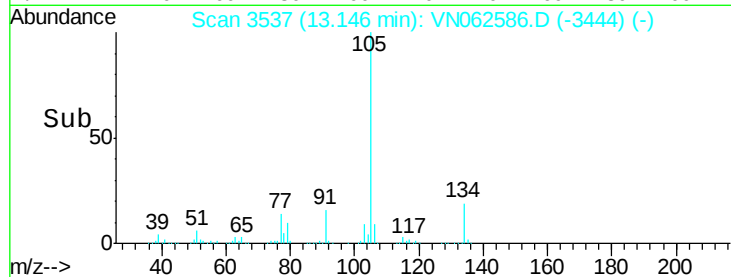
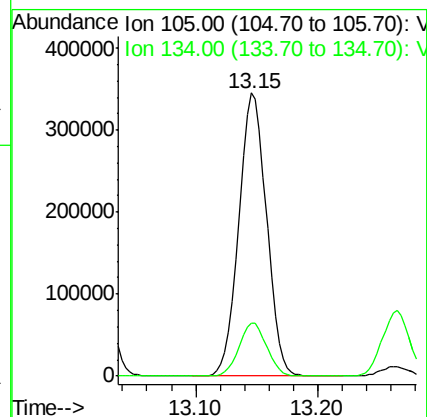
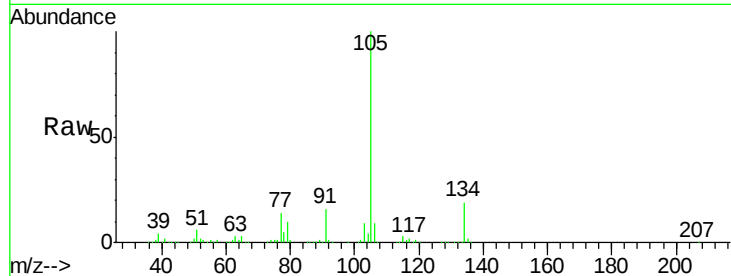
105 100

134 18.9 9.5 28.5

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#86

p-Isopropyltoluene

Concen: 53.834 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

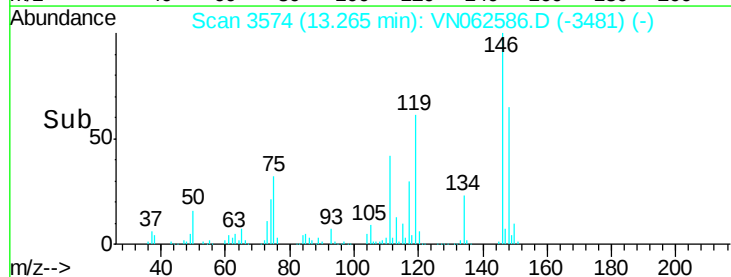
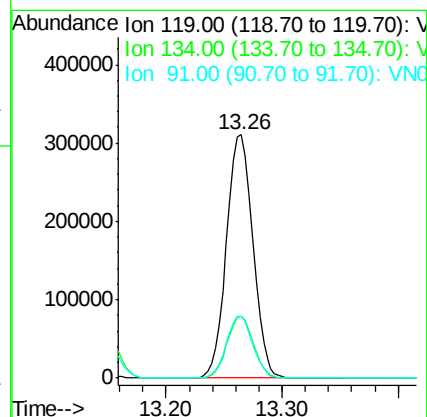
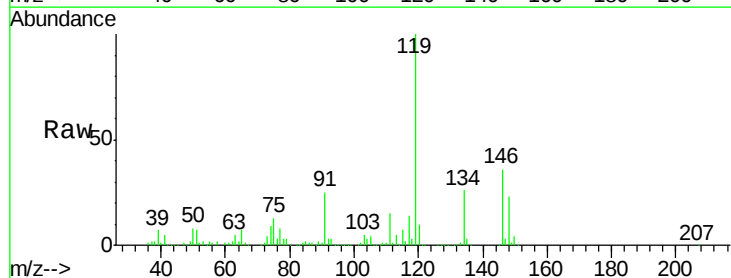
Tgt Ion:119 Resp: 488359

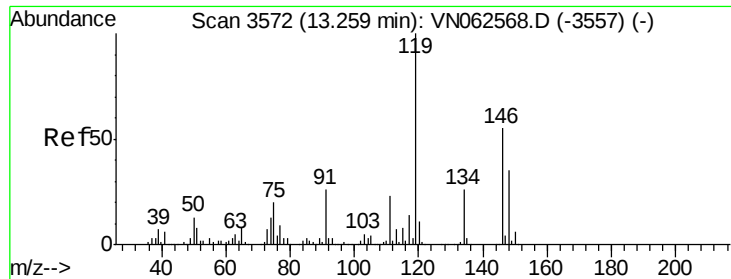
Ion Ratio Lower Upper

119 100

134 25.4 12.8 38.4

91 25.6 12.7 38.1





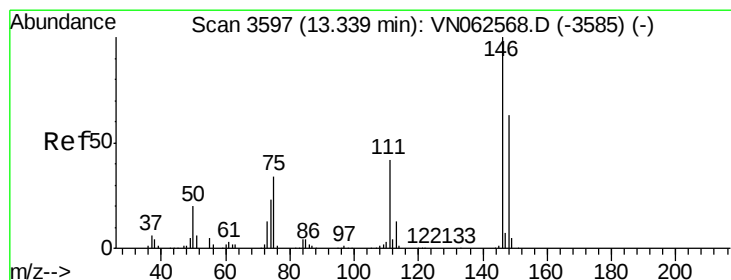
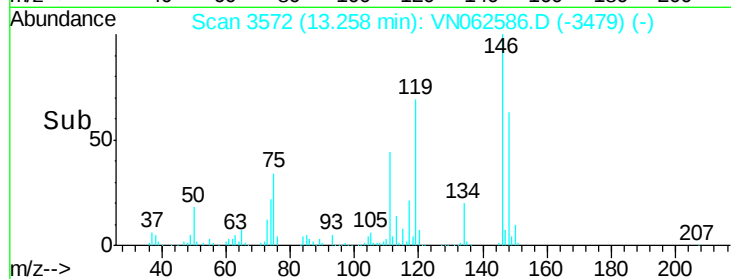
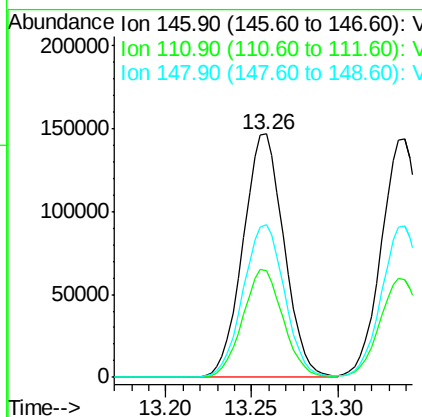
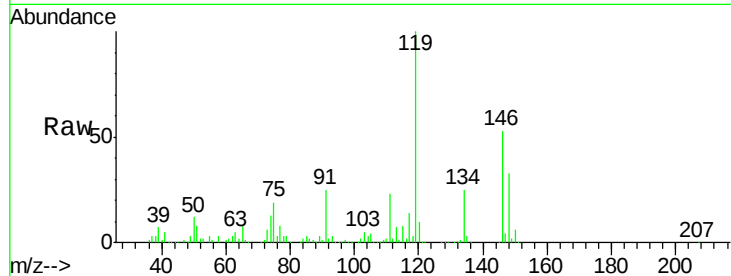
#87
 1,3-Dichlorobenzene
 Concen: 50.365 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	242945		
111	43.5	21.6	64.6	
148	63.4	31.8	95.4	

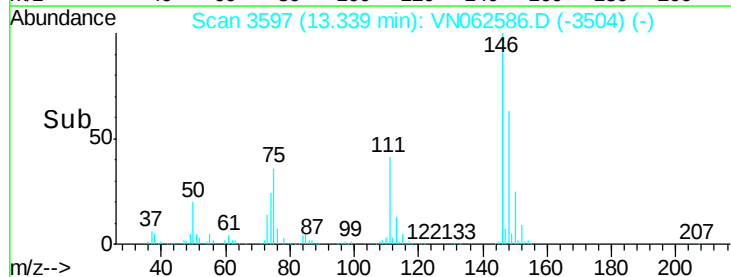
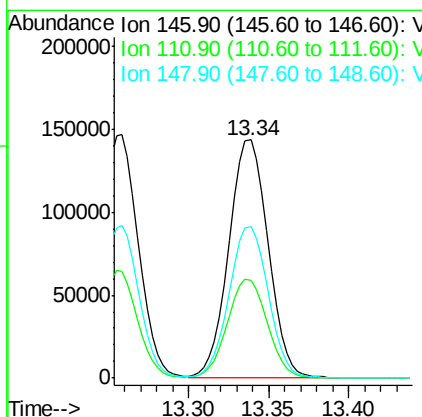
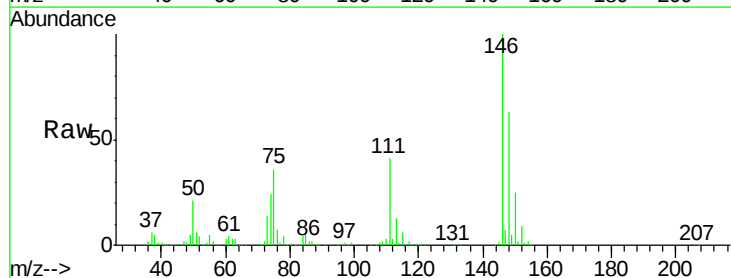
Manual Integrations
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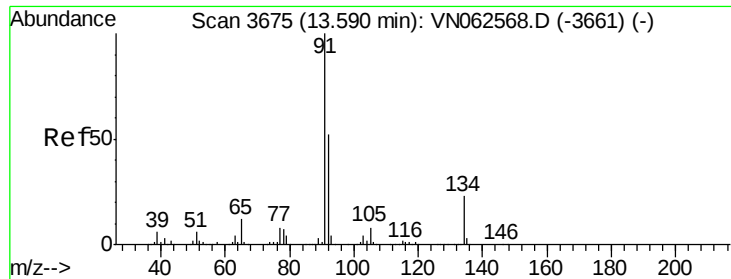
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#88
 1,4-Dichlorobenzene
 Concen: 50.496 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	239779		
111	42.1	21.1	63.1	
148	63.7	31.6	94.8	





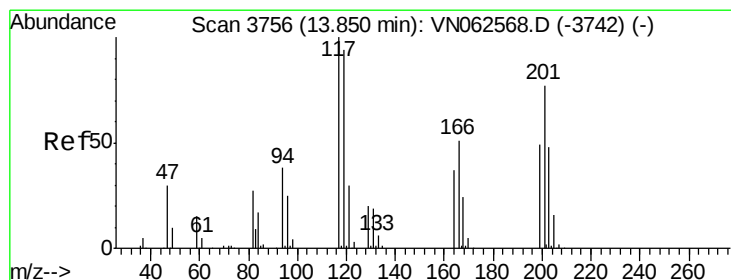
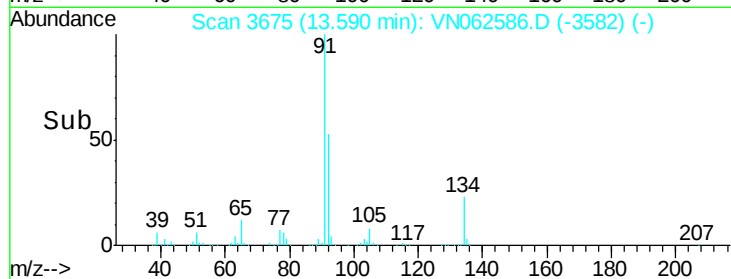
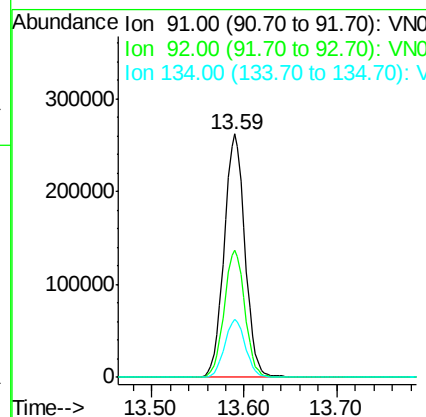
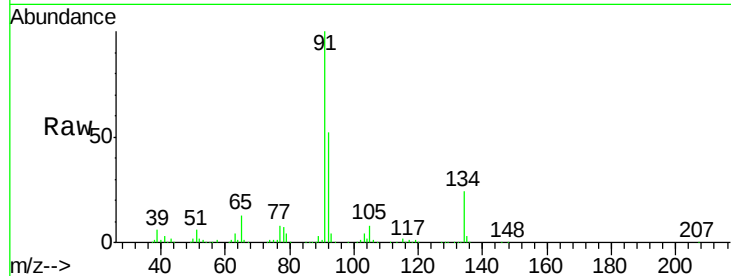
#89
n-Butylbenzene
Concen: 52.394 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	25.8	77.3
134	23.8	11.8	35.3

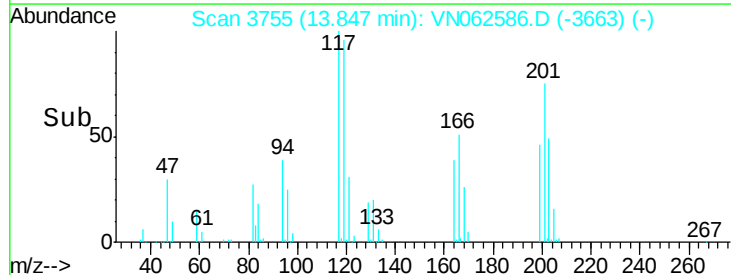
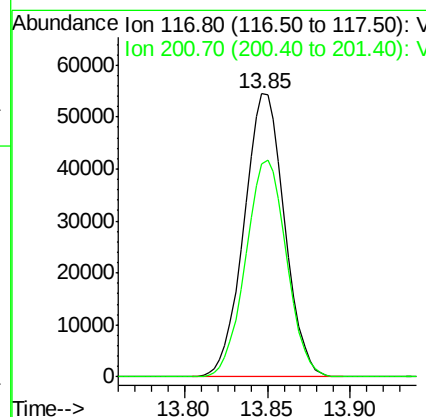
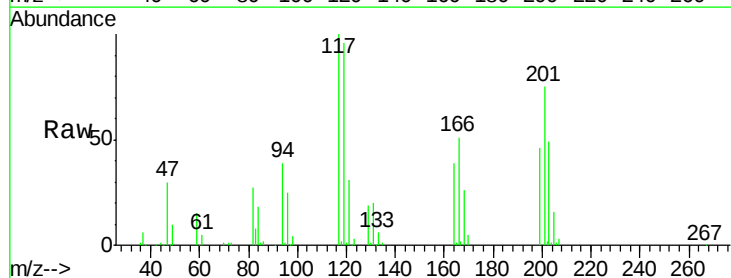
Manual Integrations
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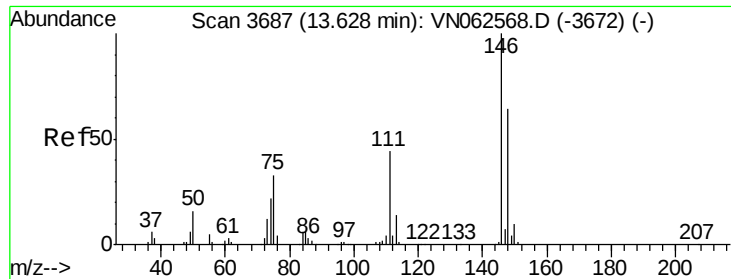
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#90
Hexachloroethane
Concen: 48.034 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.1	39.2	117.6





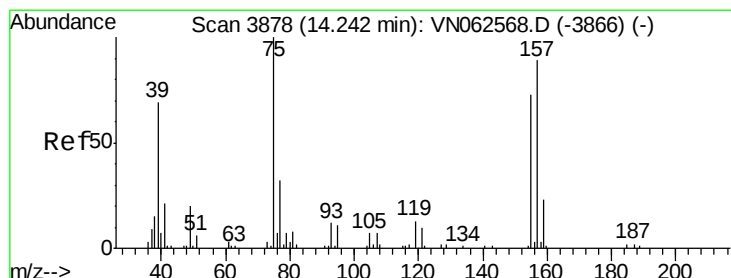
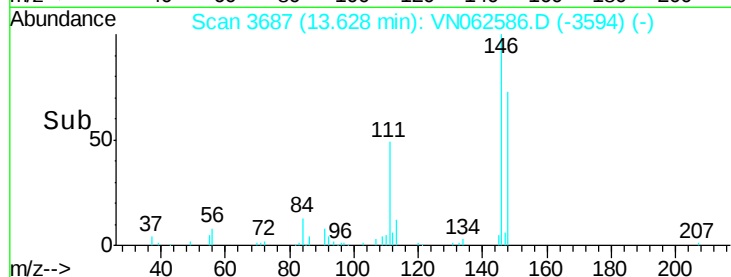
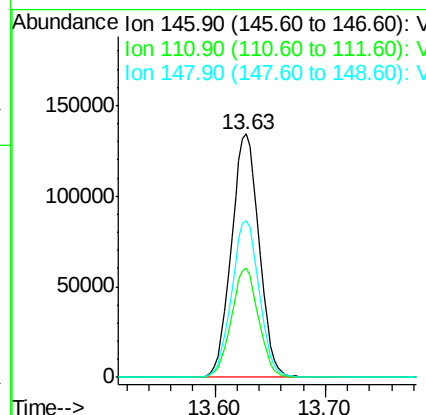
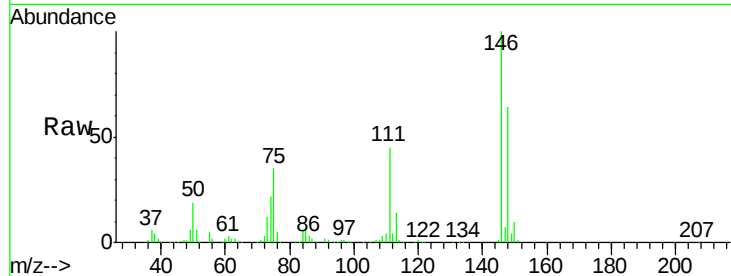
#91
 1,2-Dichlorobenzene
 Concen: 50.690 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.9	65.8
148	64.1	31.6	94.7

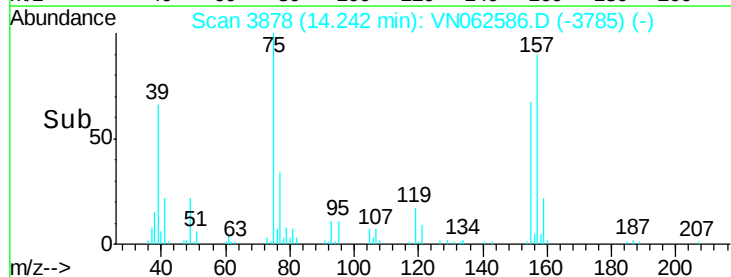
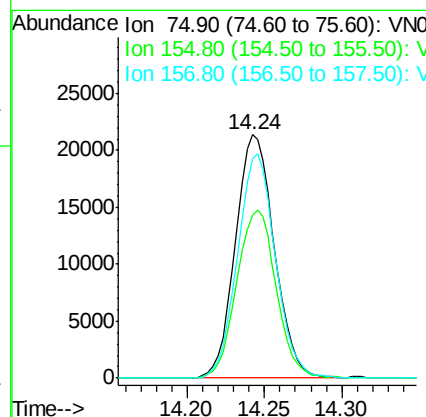
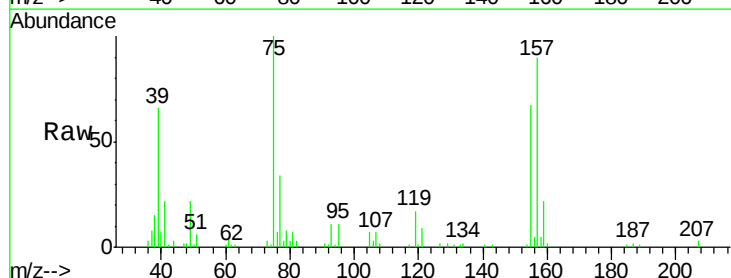
Manual Integrations
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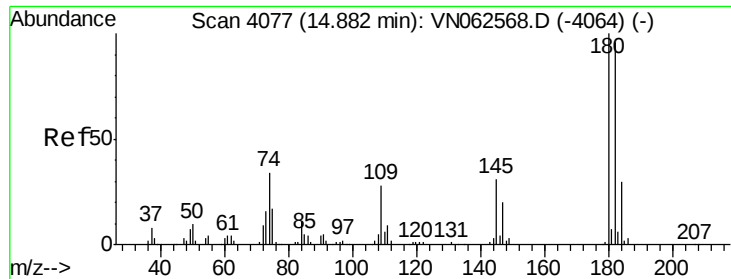
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.431 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.1	35.9	107.5
157	90.2	45.0	135.0





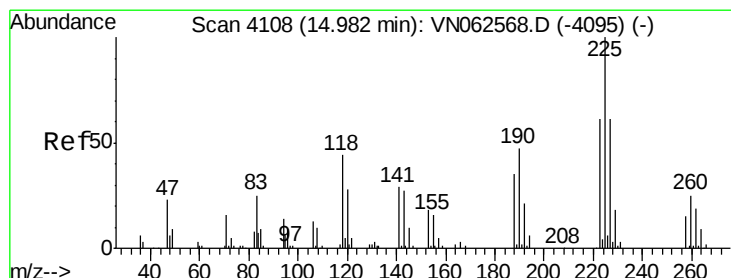
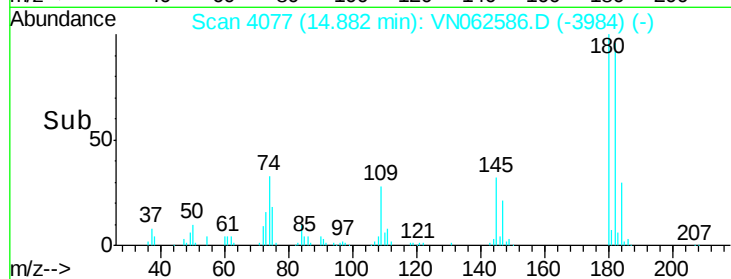
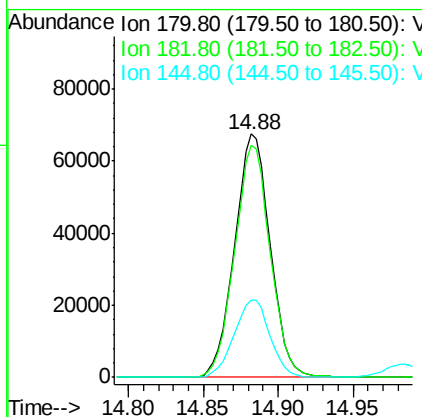
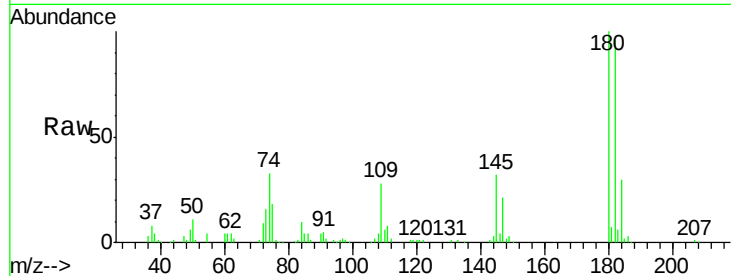
#93
 1,2,4-Trichlorobenzene
 Concen: 46.300 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	111691		
182	95.6	47.8	143.3	
145	32.0	15.3	45.9	

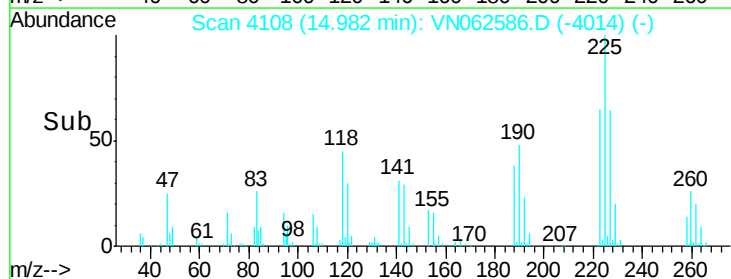
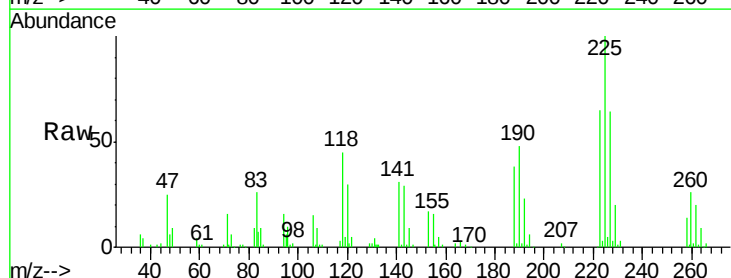
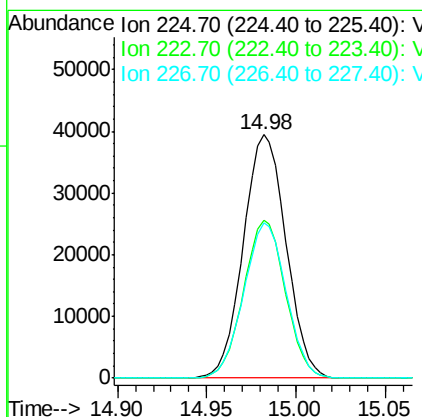
Manual Integrations
 APPROVED

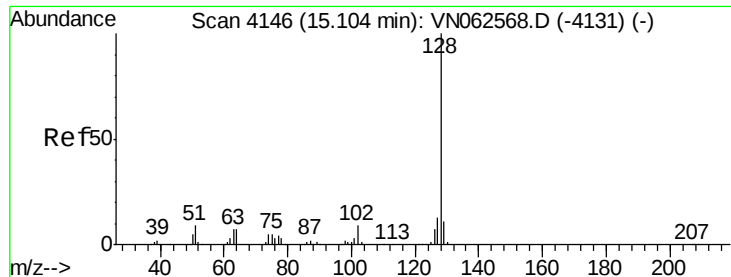
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 52.861 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	65927		
223	63.4	32.0	96.0	
227	63.4	31.1	93.2	





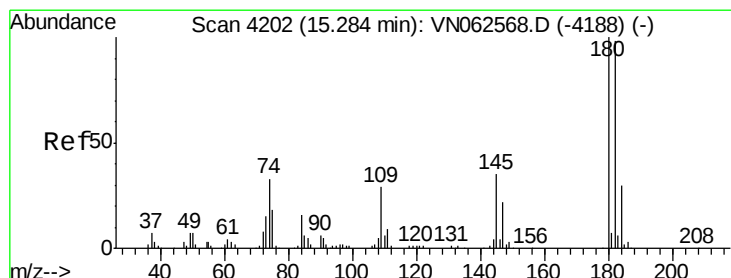
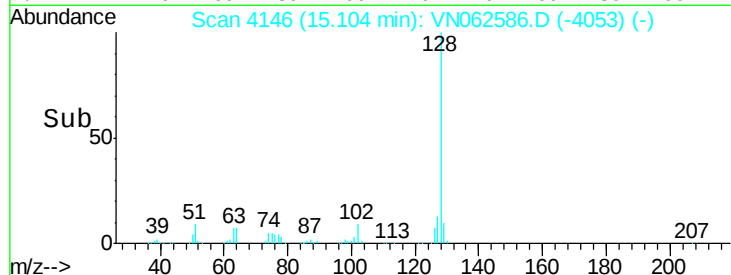
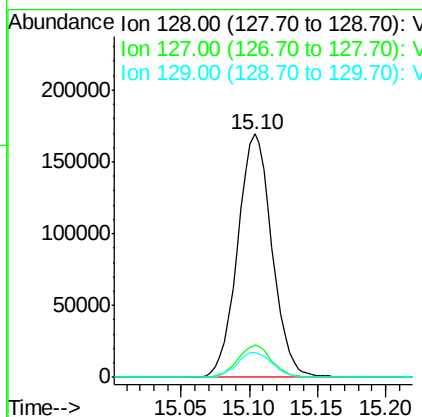
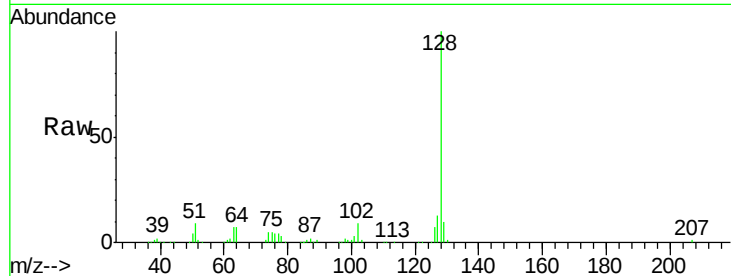
#95
Naphthalene
Concen: 46.341 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	296198		
127	12.8	10.4	15.6	
129	10.5	8.7	13.1	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 51.763 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	112513		
182	93.9	48.1	144.3	
145	33.9	16.7	50.1	

