

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064843.D
 Acq On : 25 Nov 2020 5:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/25/2020 9:51:50 AM

Quant Time: Nov 25 06:48:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	184660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	290118	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	271438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	131168	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	105349	49.07	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.14%		
35) Dibromofluoromethane	7.55	113	92205	53.11	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	106.22%		
50) Toluene-d8	10.06	98	357595	50.41	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.82%		
62) 4-Bromofluorobenzene	12.37	95	127797	50.34	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.68%		

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	76033	47.509	ug/l	97
3) Chloromethane	2.04	50	97117	46.697	ug/l	100
4) Vinyl Chloride	2.17	62	104818	48.342	ug/l	97
5) Bromomethane	2.52	94	63177	44.411	ug/l	99
6) Chloroethane	2.67	64	64965	48.442	ug/l	97
7) Trichlorofluoromethane	2.99	101	144835	48.323	ug/l	96
8) Diethyl Ether	3.37	74	59021	49.888	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	85619	47.619	ug/l	97
10) Methyl Iodide	3.91	142	95740	41.052	ug/l	98
11) Tert butyl alcohol	4.74	59	73997	221.020	ug/l	99
12) 1,1-Dichloroethene	3.69	96	88657	49.511	ug/l	98
13) Acrolein	3.57	56	39426	192.792	ug/l	100
14) Allyl chloride	4.27	41	139268	47.155	ug/l	97
15) Acrylonitrile	4.93	53	229859	248.526	ug/l	100
16) Acetone	3.78	43	176248	249.745	ug/l	98
17) Carbon Disulfide	4.01	76	228892	49.507	ug/l	98
18) Methyl Acetate	4.28	43	102548	48.331	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	288214	50.185	ug/l	98
20) Methylene Chloride	4.50	84	105114	47.533	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	95402	47.977	ug/l	99
22) Diisopropyl ether	5.90	45	306702	51.883	ug/l	98
23) Vinyl Acetate	5.85	43	1232645	260.754	ug/l	99
24) 1,1-Dichloroethane	5.80	63	180481	51.086	ug/l	99
25) 2-Butanone	6.79	43	286980	250.858	ug/l	97
26) 2,2-Dichloropropane	6.78	77	122787	40.073	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	111990	50.049	ug/l	97
28) Bromochloromethane	7.15	49	79674	49.297	ug/l	98
29) Tetrahydrofuran	7.17	42	190472	241.198	ug/l	99
30) Chloroform	7.33	83	183327	50.320	ug/l	99
31) Cyclohexane	7.61	56	144006	48.129	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	156110	49.890	ug/l	100
36) 1,1-Dichloropropene	7.75	75	134380	49.972	ug/l	100
37) Ethyl Acetate	6.88	43	119174	46.007	ug/l	99
38) Carbon Tetrachloride	7.73	117	138940	49.657	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	146012	50.439	ug/l	99
40) Benzene	8.00	78	411988	49.996	ug/l	99
41) Methacrylonitrile	7.12	41	55448	46.391	ug/l	96
42) 1,2-Dichloroethane	8.08	62	134102	48.241	ug/l	99
43) Isopropyl Acetate	8.13	43	197414	47.362	ug/l	99
44) Trichloroethene	8.80	130	115448	47.483	ug/l	96
45) 1,2-Dichloropropane	9.08	63	111637	52.314	ug/l	100
46) Dibromomethane	9.17	93	72151	50.609	ug/l	97
47) Bromodichloromethane	9.37	83	144925	50.522	ug/l	100
48) Methyl methacrylate	9.17	41	97844	49.126	ug/l	97
49) 1,4-Dioxane	9.17	88	36087	958.653	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	621400	248.328	ug/l	100
52) Toluene	10.12	92	260222	51.278	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	155823	48.771	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	168989	49.345	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	104991	50.312	ug/l	98
56) Ethyl methacrylate	10.40	69	150277	52.185	ug/l	98
57) 1,3-Dichloropropane	10.68	76	175814	51.074	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	419741	264.983	ug/l	99
59) 2-Hexanone	10.72	43	451183	250.532	ug/l	99
60) Dibromochloromethane	10.87	129	118356	51.024	ug/l	100
61) 1,2-Dibromoethane	10.98	107	107647	50.774	ug/l	100
64) Tetrachloroethene	10.60	164	115386	43.693	ug/l	99
65) Chlorobenzene	11.41	112	285781	49.027	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	106874	49.890	ug/l	99
67) Ethyl Benzene	11.48	91	489712	50.290	ug/l	99
68) m/p-Xylenes	11.59	106	382534	103.757	ug/l	99
69) o-Xylene	11.92	106	182853	52.265	ug/l	99
70) Styrene	11.94	104	316465	53.582	ug/l	98
71) Bromoform	12.10	173	81712	47.757	ug/l #	100
73) Isopropylbenzene	12.22	105	486131	53.282	ug/l	100
74) N-amyl acetate	12.04	43	178751	49.784	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	136774	51.146	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	136508m	48.325	ug/l	
77) Bromobenzene	12.50	156	122997	50.004	ug/l	100
78) n-propylbenzene	12.56	91	543785	52.319	ug/l	99
79) 2-Chlorotoluene	12.65	91	327257	50.937	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	415062	54.732	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	46096	44.724	ug/l	98
82) 4-Chlorotoluene	12.75	91	339408	50.399	ug/l	100
83) tert-Butylbenzene	12.97	119	347830	54.721	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	416759	54.354	ug/l	99
85) sec-Butylbenzene	13.14	105	456891	54.136	ug/l	99
86) p-Isopropyltoluene	13.26	119	417893	54.387	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	215099	49.221	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	218256	47.225	ug/l	99
89) n-Butylbenzene	13.59	91	340136	50.407	ug/l	100
90) Hexachloroethane	13.85	117	73086	54.753	ug/l	100
91) 1,2-Dichlorobenzene	13.62	146	215226	50.158	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	27754	46.125	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	124158	46.774	ug/l	99
94) Hexachlorobutadiene	14.98	225	59138	49.478	ug/l	100
95) Naphthalene	15.10	128	389076	48.926	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	121955	48.392	ug/l	99

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

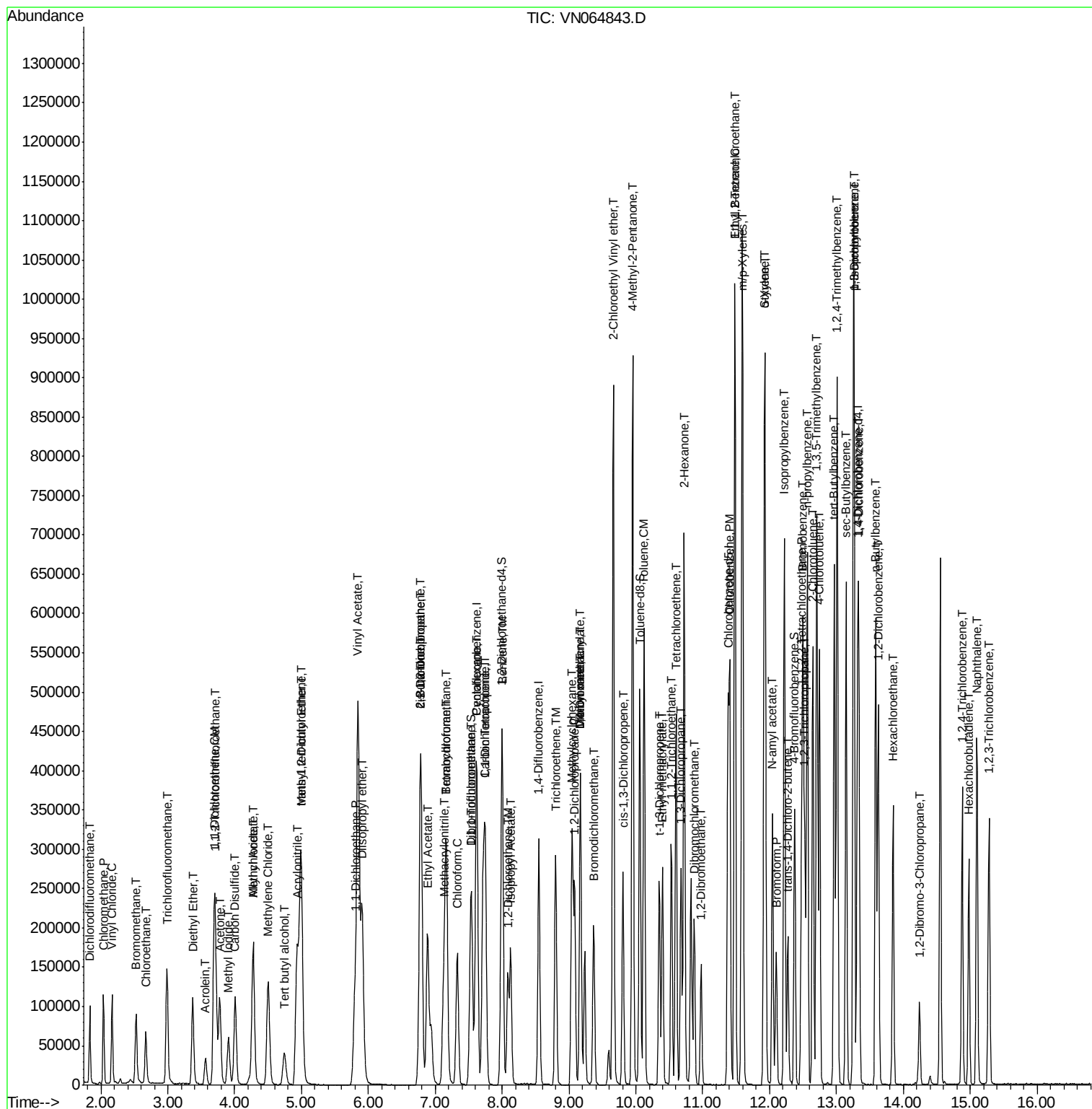
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112420\
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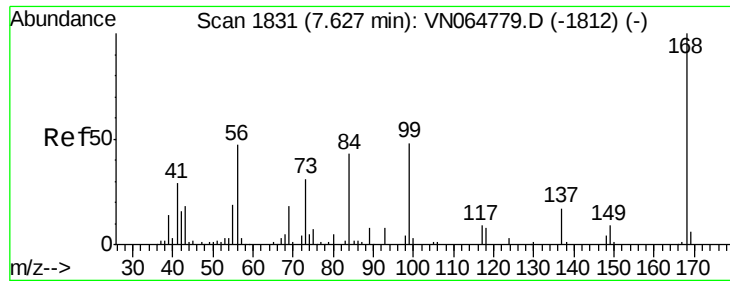
Instrument :
MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064843.D

Acq: 25 Nov 2020 5:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 184660

Ion Ratio Lower Upper

168 100

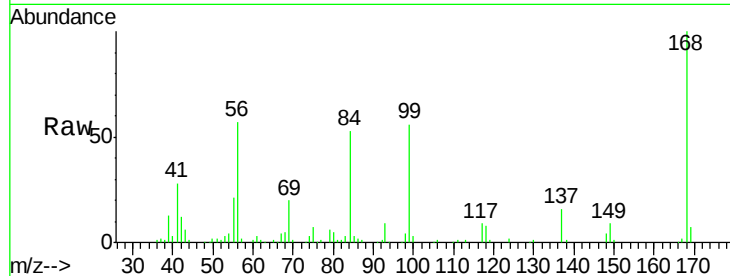
99 55.8 43.0 64.4

Manual Integrations

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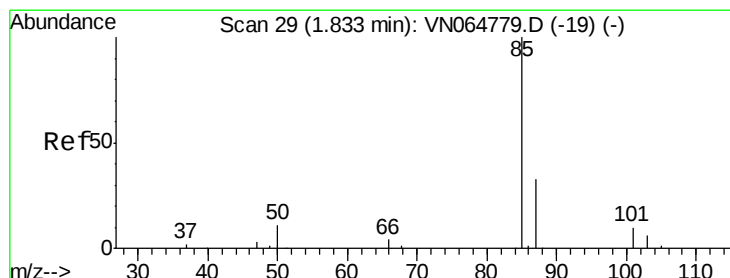
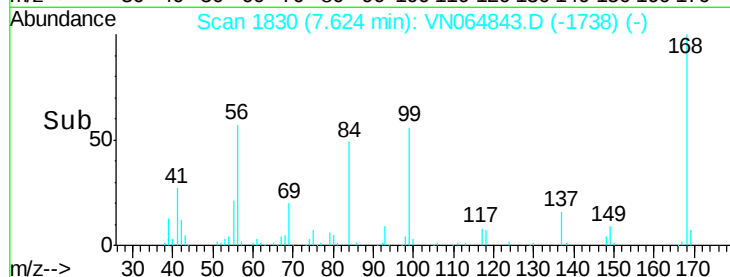
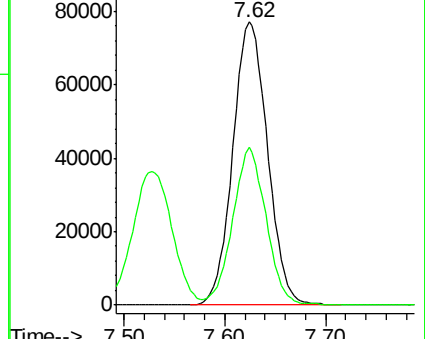
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 47.509 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064843.D

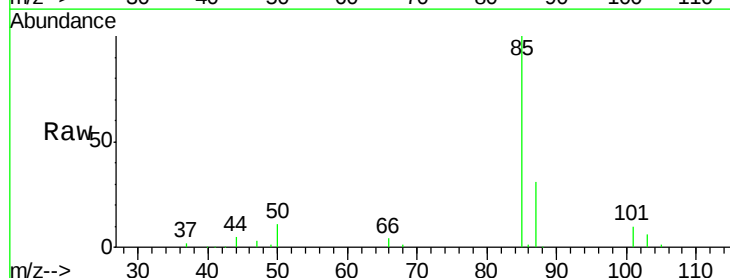
Acq: 25 Nov 2020 5:07

Tgt Ion: 85 Resp: 76033

Ion Ratio Lower Upper

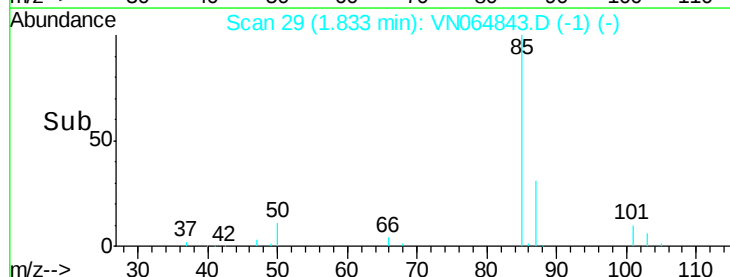
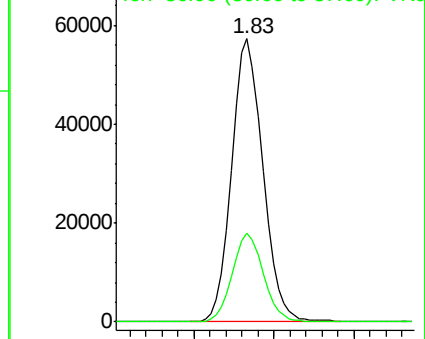
85 100

87 31.2 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





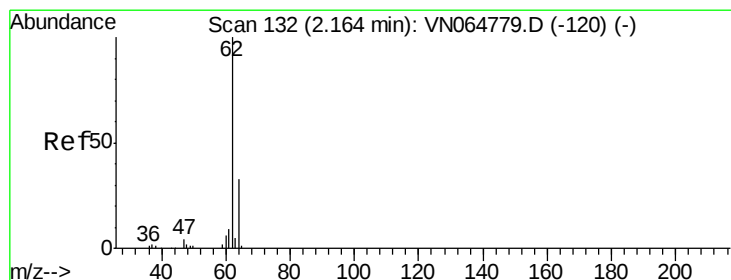
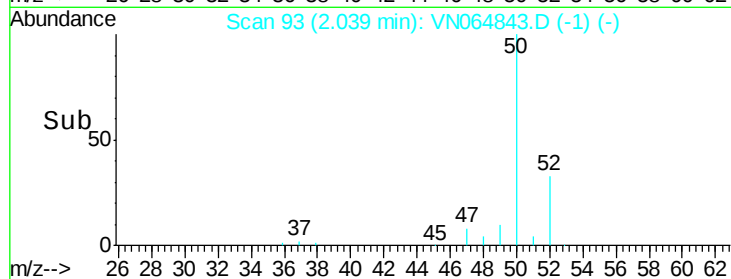
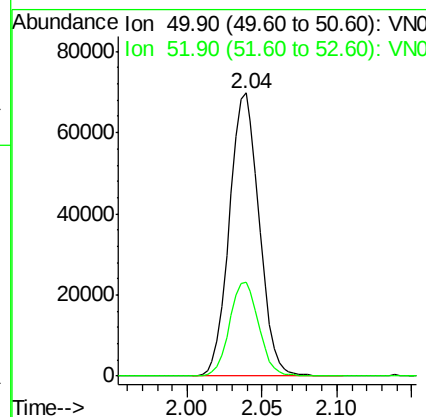
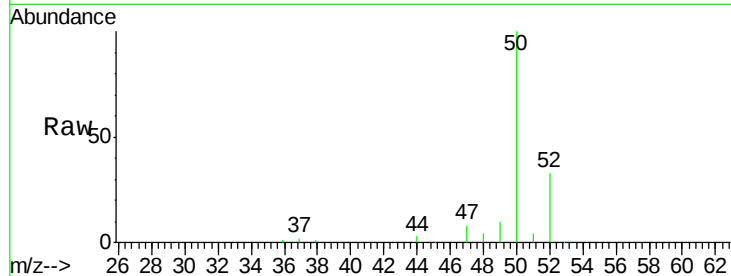
#3
Chloromethane
Concen: 46.697 ug/l
RT: 2.04 min Scan# 93
Delta R.T. 0.00 min
Lab File: VN064843.D
Acq: 25 Nov 2020 5:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 50 Resp: 97117
Ion Ratio Lower Upper
50 100
52 33.3 26.6 39.8

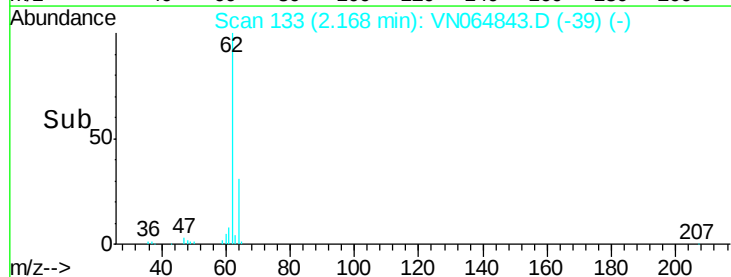
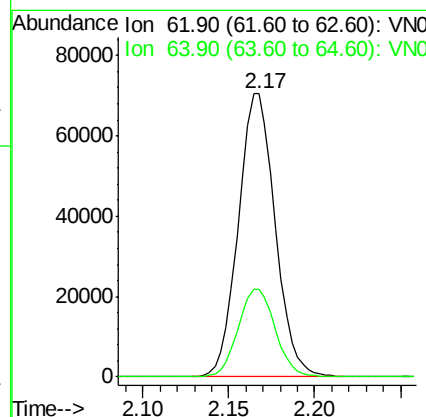
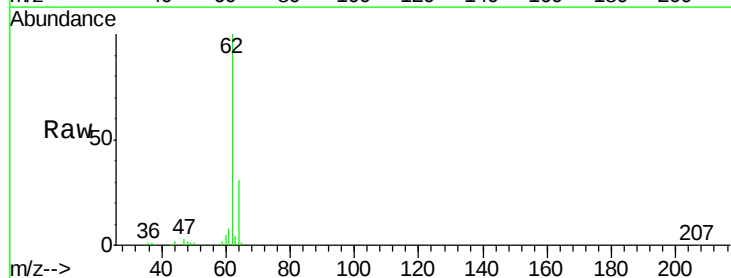
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#4
Vinyl Chloride
Concen: 48.342 ug/l
RT: 2.17 min Scan# 133
Delta R.T. 0.00 min
Lab File: VN064843.D
Acq: 25 Nov 2020 5:07

Tgt Ion: 62 Resp: 104818
Ion Ratio Lower Upper
62 100
64 31.1 26.5 39.7





#5

Bromomethane

Concen: 44.411 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.00 min

Lab File: VN064843.D

Acq: 25 Nov 2020 5:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 63177

Ion Ratio Lower Upper

94 100

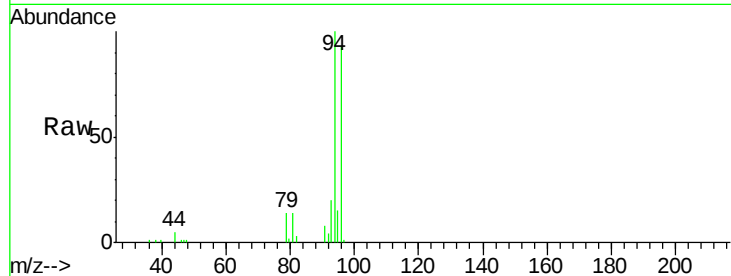
96 93.4 75.4 113.0

Manual Integrations

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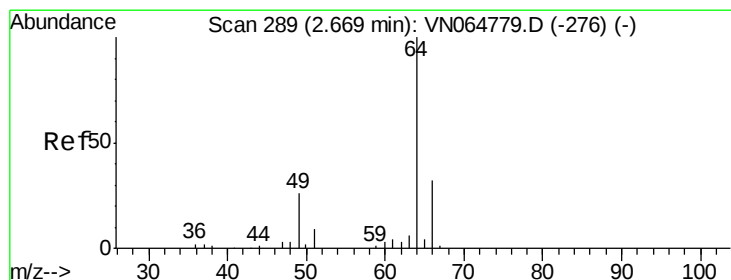
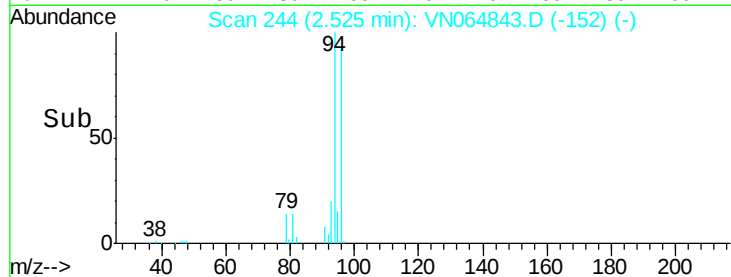
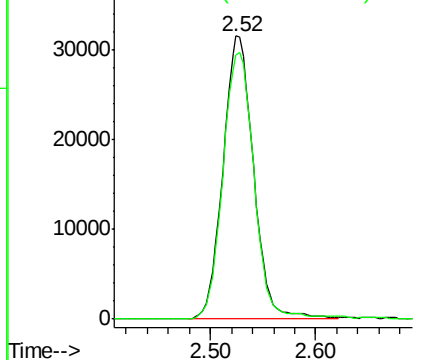
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 48.442 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064843.D

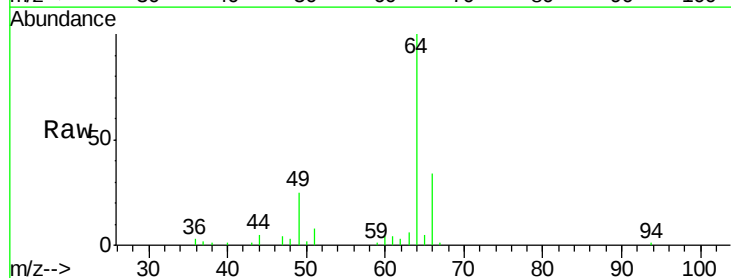
Acq: 25 Nov 2020 5:07

Tgt Ion: 64 Resp: 64965

Ion Ratio Lower Upper

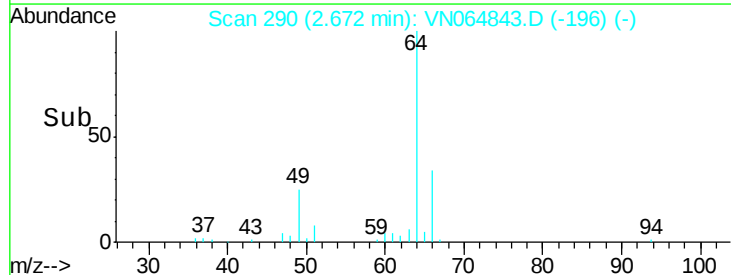
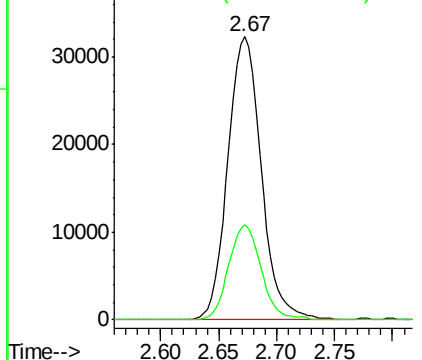
64 100

66 33.7 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

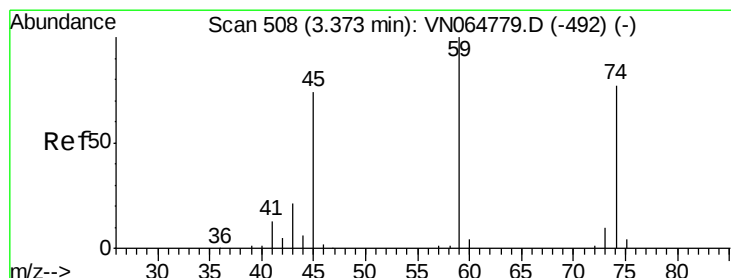
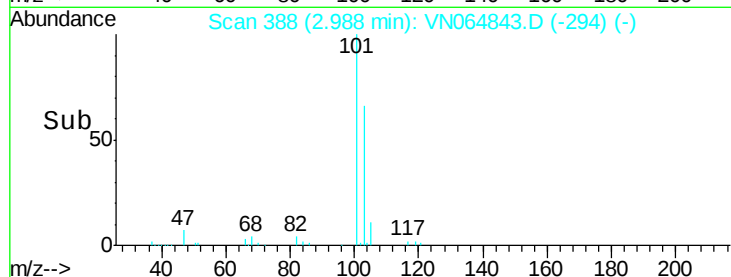
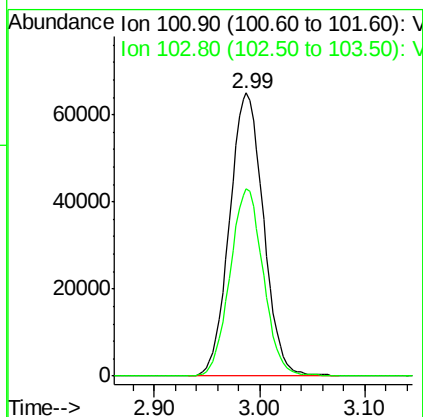
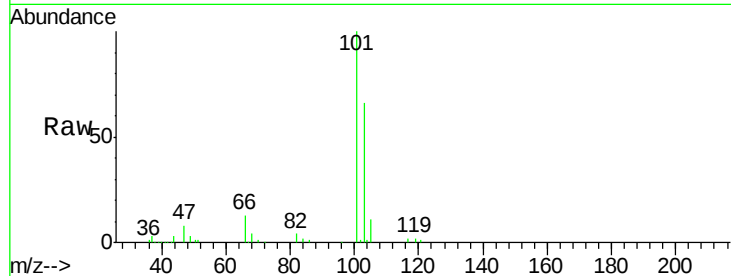
Trichlorofluoromethane
 Concen: 48.323 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN064843.D
 Acq: 25 Nov 2020 5:07

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	144835		
103	66.1	50.5	75.7	

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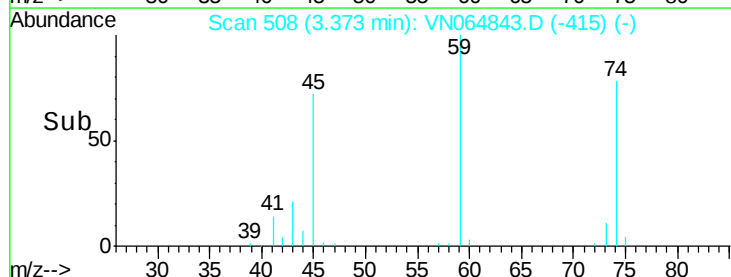
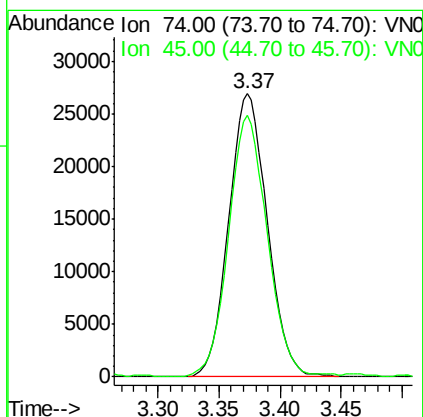
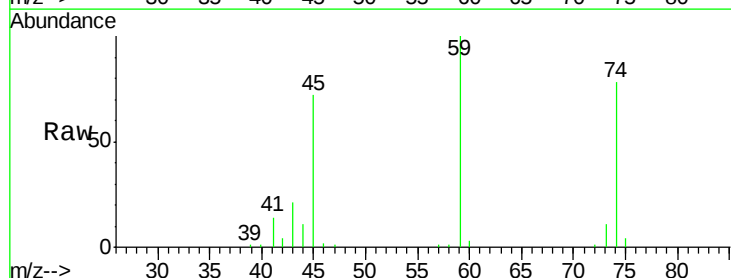
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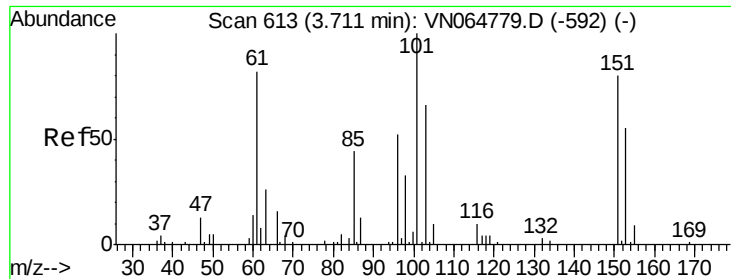


#8

Diethyl Ether
 Concen: 49.888 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN064843.D
 Acq: 25 Nov 2020 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	59021		
45	92.9	48.9	146.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.619 ug/l

RT: 3.71 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN064843.D

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Instrument :

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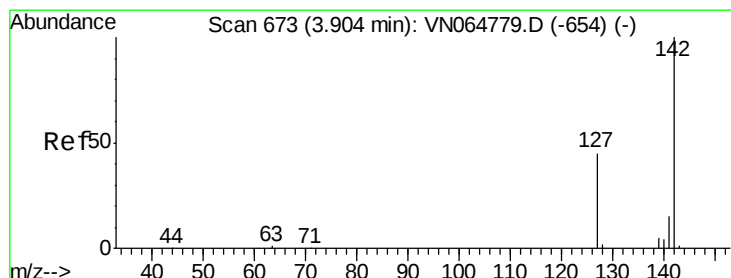
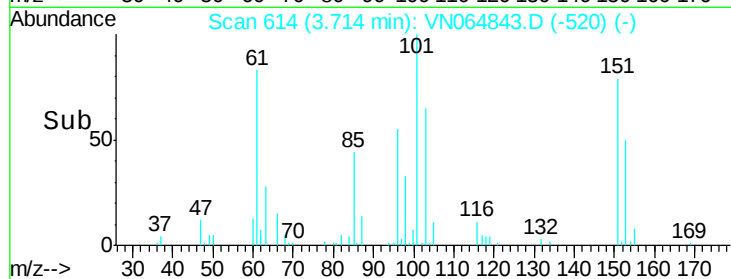
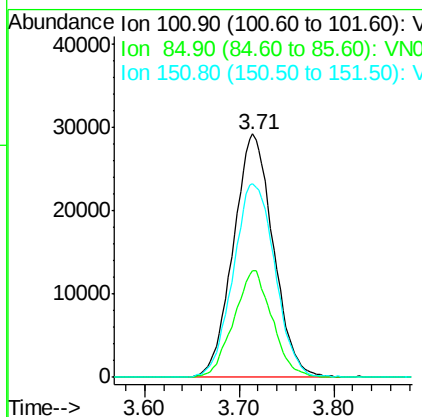
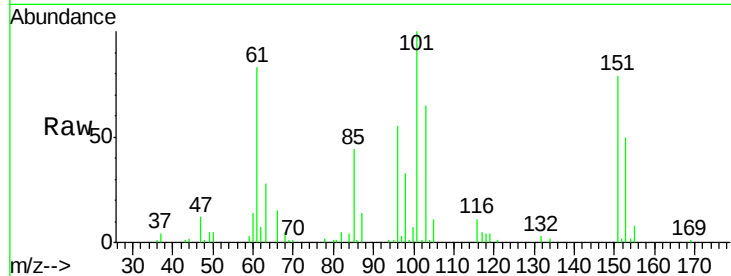
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	85619
Ion Ratio	Lower	Upper	
101	100		
85	42.3	34.4	51.6
151	83.1	64.0	96.0

Manual Integrations
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#10

Methyl Iodide

Concen: 41.052 ug/l

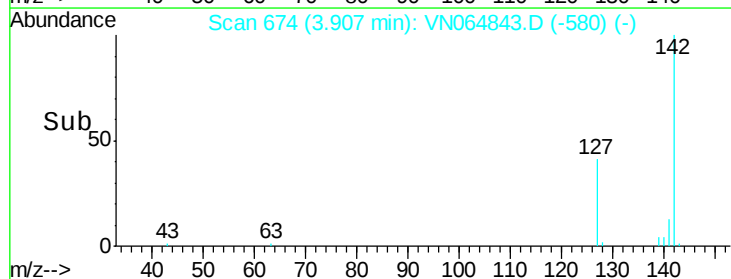
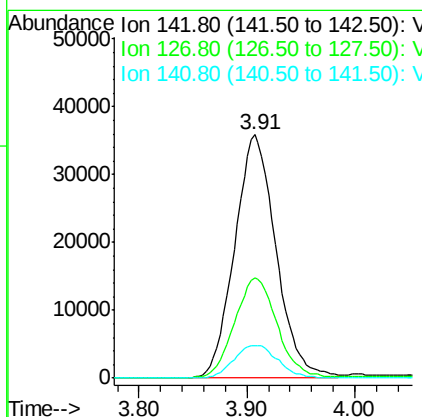
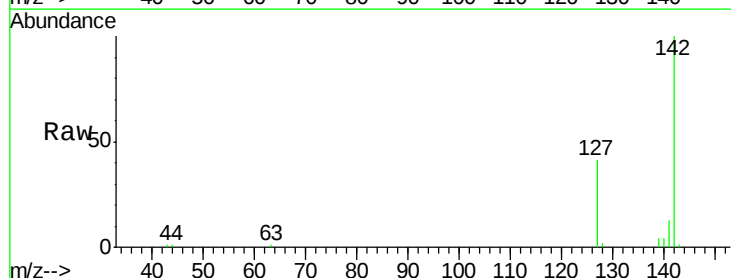
RT: 3.91 min Scan# 674

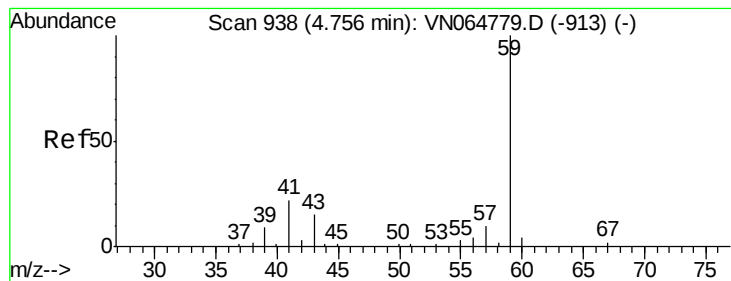
Delta R.T. 0.00 min

Lab File: VN064843.D

Acq: 25 Nov 2020 5:07

Tgt Ion:	142	Resp:	95740
Ion Ratio	Lower	Upper	
142	100		
127	42.3	35.0	52.6
141	14.2	11.8	17.6





#11

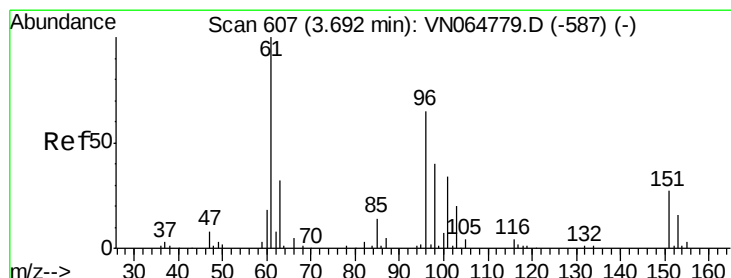
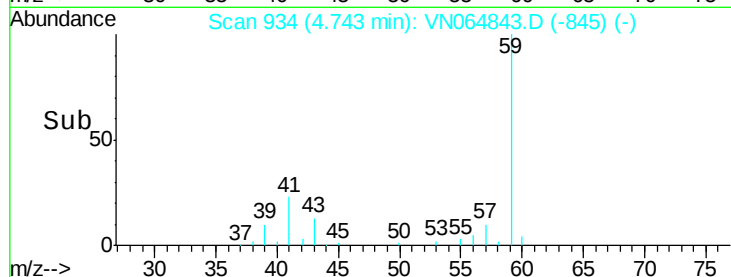
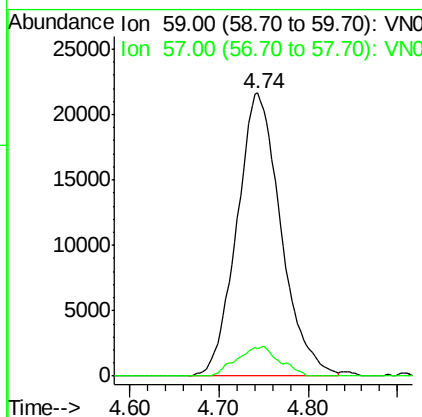
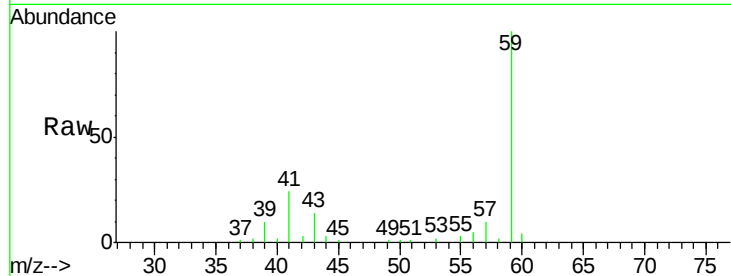
Tert butyl alcohol
Concen: 221.020 ug/l
RT: 4.74 min Scan# 934
Delta R.T. -0.01 min
Lab File: VN064843.D
Acq: 25 Nov 2020 5:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	7.9	11.9

Manual Integrations
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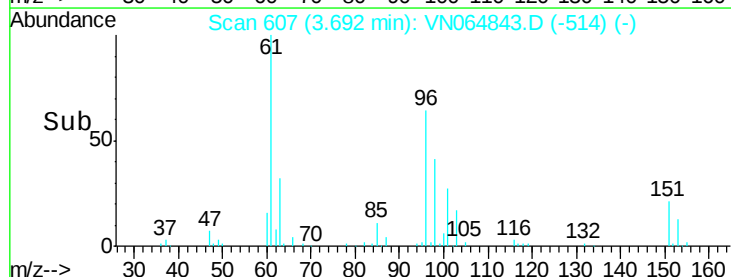
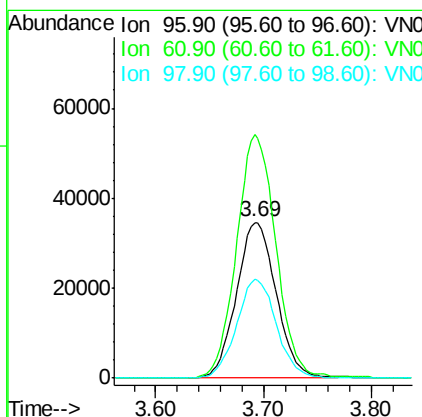
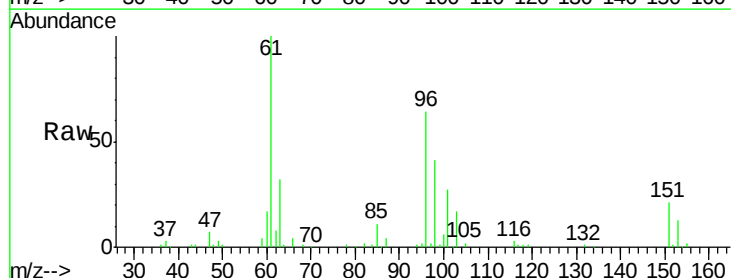
MMDadoda
11/25/2020 9:51:50 AM

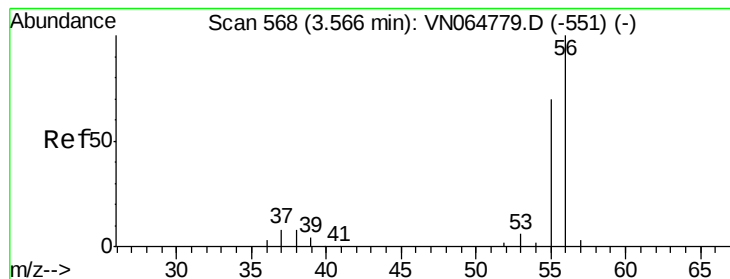


#12

1,1-Dichloroethene
Concen: 49.511 ug/l
RT: 3.69 min Scan# 607
Delta R.T. 0.00 min
Lab File: VN064843.D
Acq: 25 Nov 2020 5:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.6	123.4	185.2
98	63.6	49.8	74.8





#13

Acrolein

Concen: 192.792 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064843.D

Acq: 25 Nov 2020 5:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 39426

Ion Ratio Lower Upper

56 100

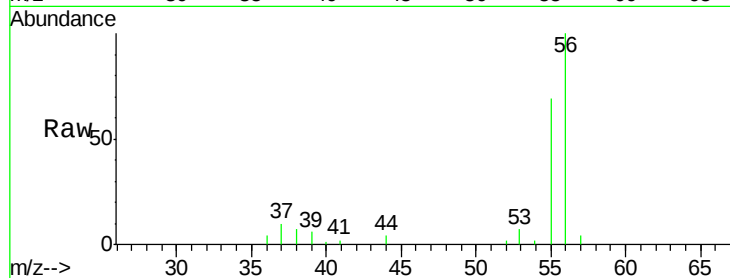
55 70.9 56.5 84.7

Manual Integrations

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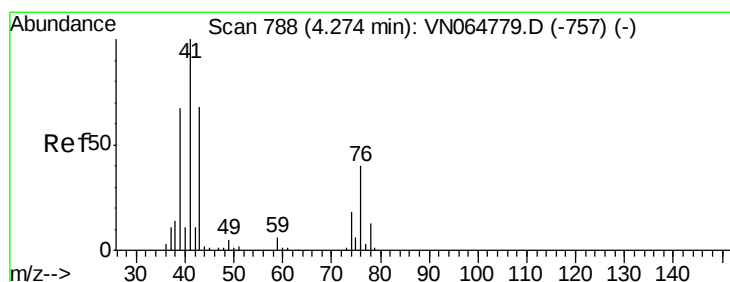
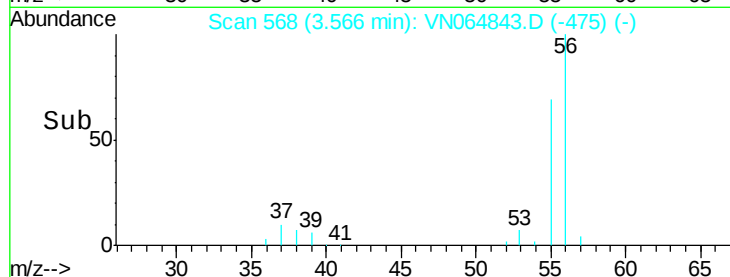
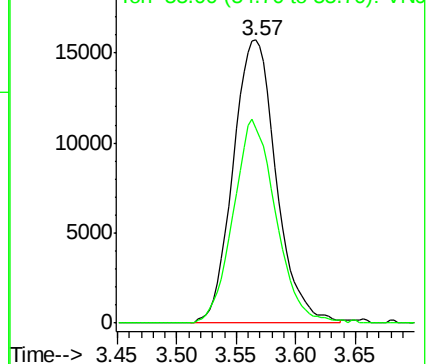
MMDadoda

11/25/2020 9:51:50 AM



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 47.155 ug/l

RT: 4.27 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN064843.D

Acq: 25 Nov 2020 5:07

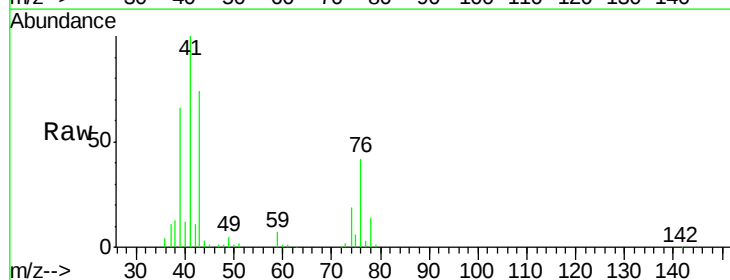
Tgt Ion: 41 Resp: 139268

Ion Ratio Lower Upper

41 100

39 62.1 50.9 76.3

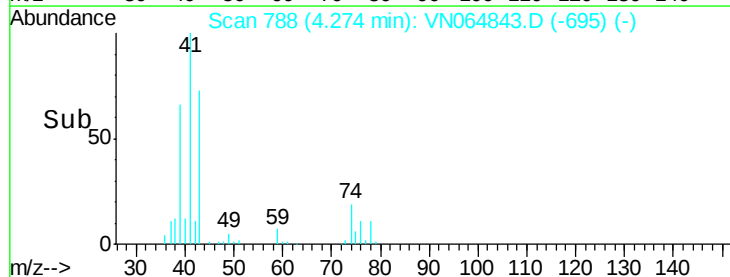
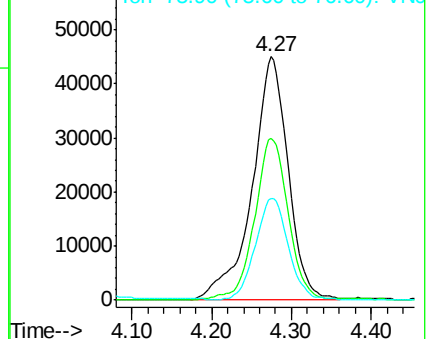
76 38.4 29.0 43.4



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





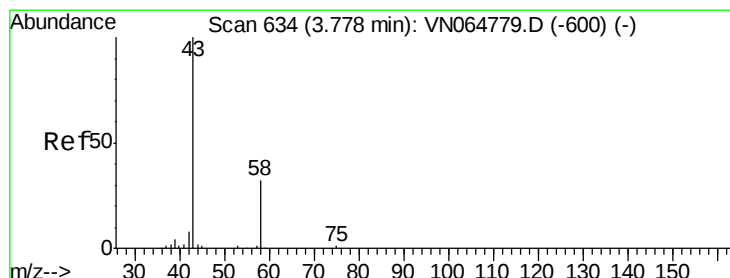
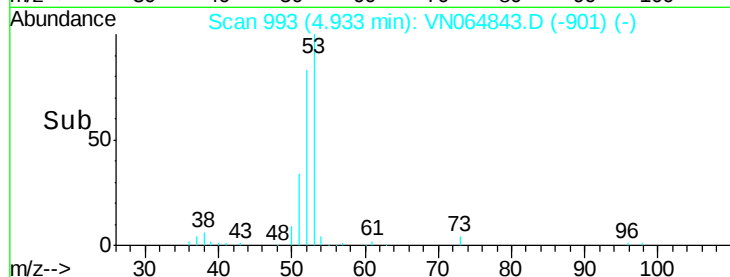
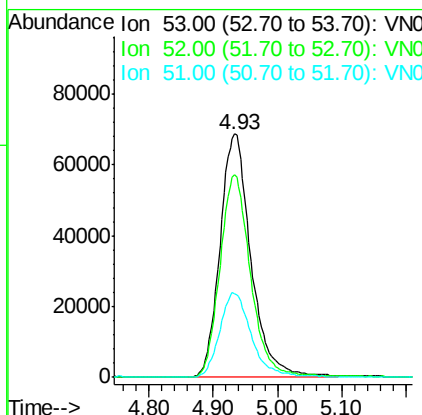
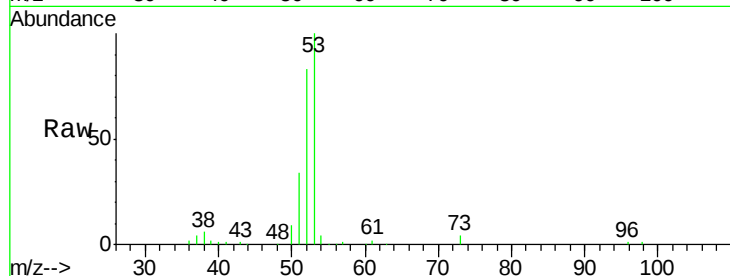
#15
 Acrylonitrile
 Concen: 248.526 ug/l
 RT: 4.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: VN064843.D
 Acq: 25 Nov 2020 5:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.5	98.3
51	35.4	28.6	43.0

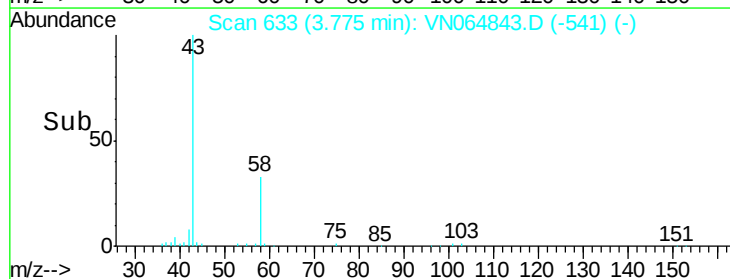
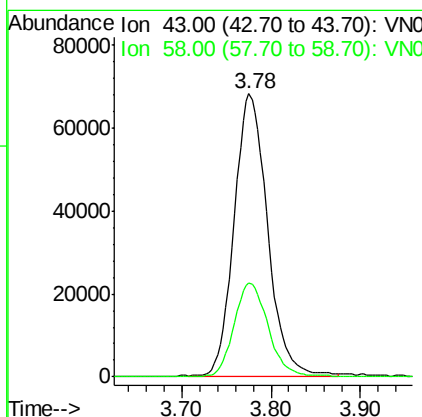
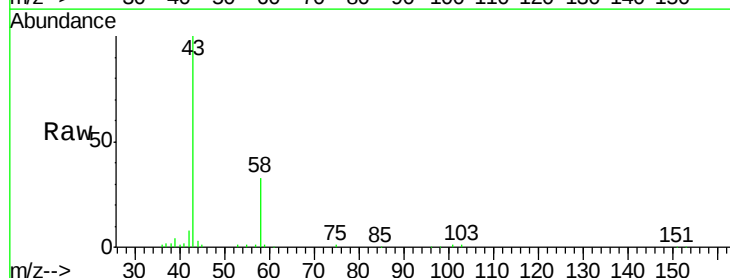
Manual Integrations
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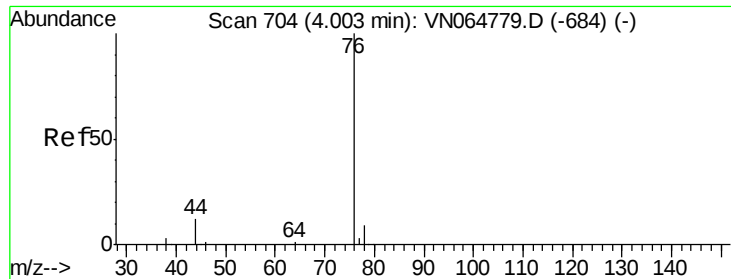
MMDadoda
 11/25/2020 9:51:50 AM



#16
 Acetone
 Concen: 249.745 ug/l
 RT: 3.78 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VN064843.D
 Acq: 25 Nov 2020 5:07

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.2	25.7	38.5





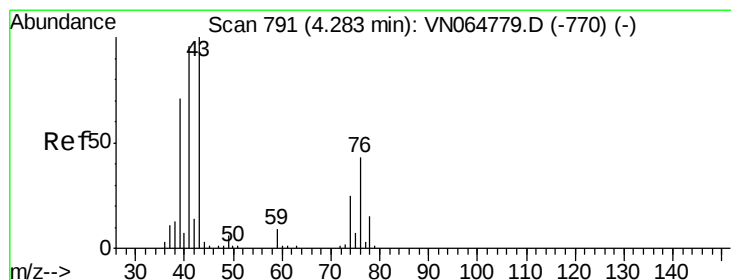
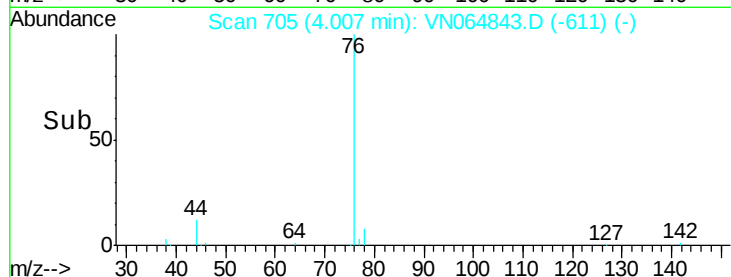
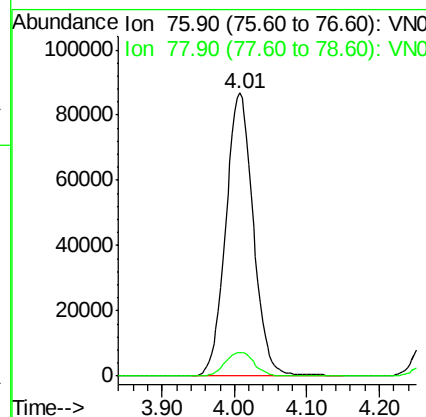
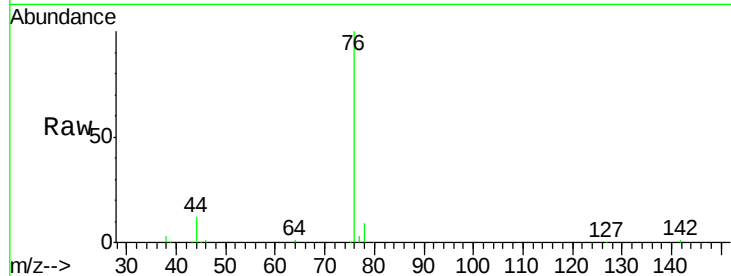
#17
Carbon Disulfide
Concen: 49.507 ug/l
RT: 4.01 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN064843.D
Acq: 25 Nov 2020 5:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.4	11.0

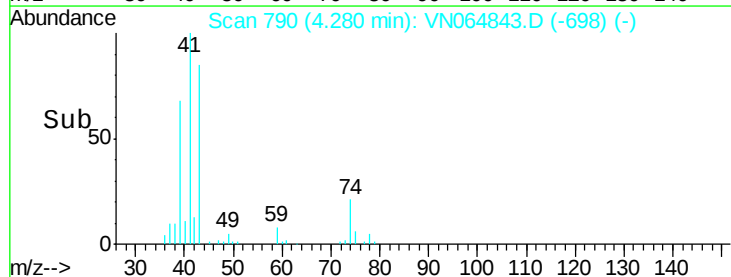
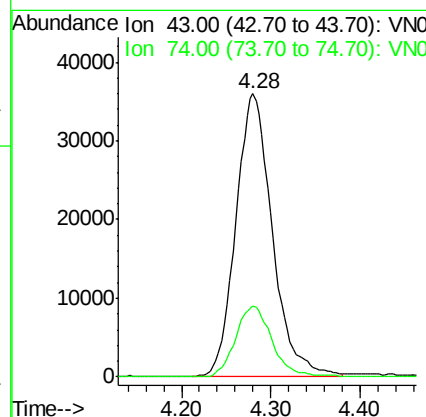
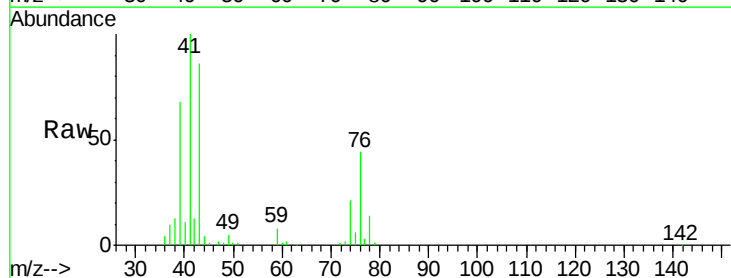
Manual Integrations
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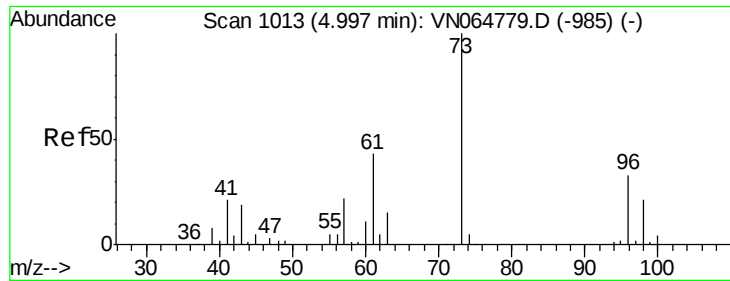
MMDadoda
11/25/2020 9:51:50 AM



#18
Methyl Acetate
Concen: 48.331 ug/l
RT: 4.28 min Scan# 790
Delta R.T. -0.00 min
Lab File: VN064843.D
Acq: 25 Nov 2020 5:07

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.9	20.2	30.2





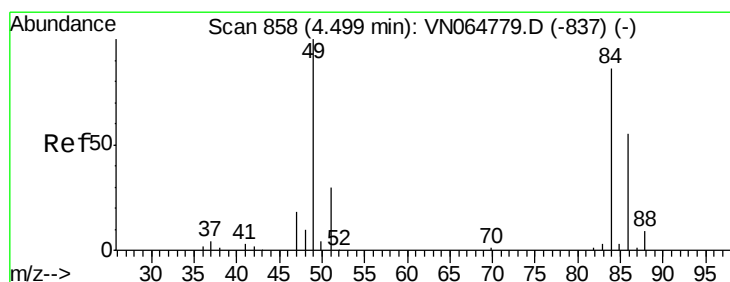
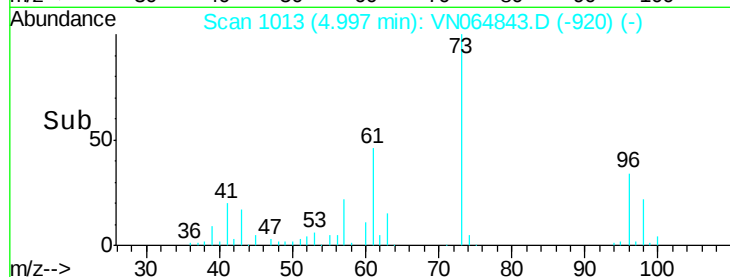
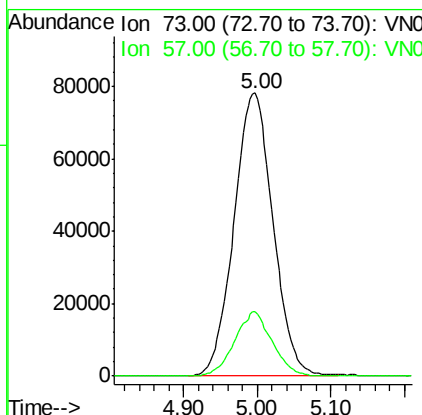
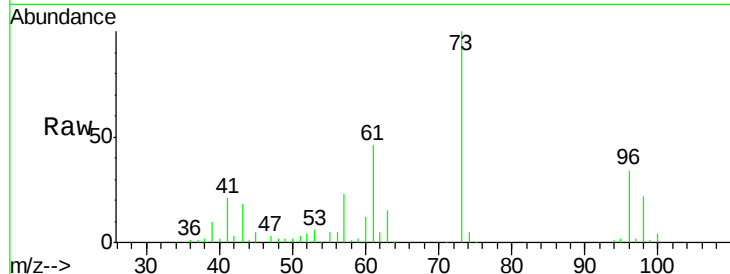
#19
Methvl tert-butvl Ether
Concen: 50.185 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN064843.D
Acq: 25 Nov 2020 5:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 288214
Ion Ratio Lower Upper
73 100
57 22.7 17.4 26.0

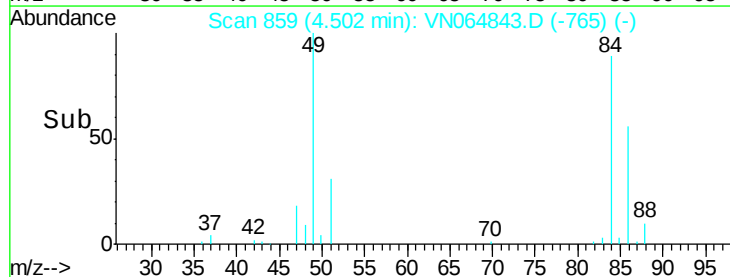
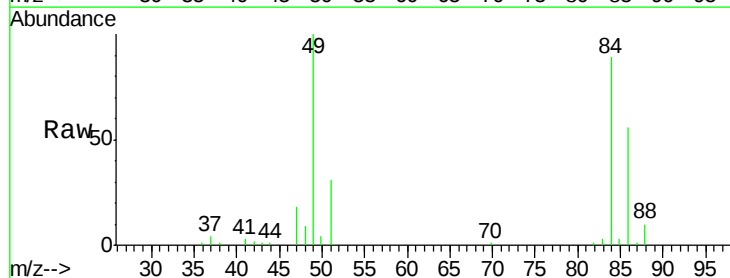
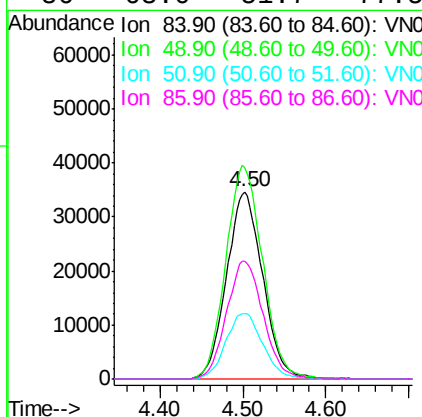
Manual Integrations
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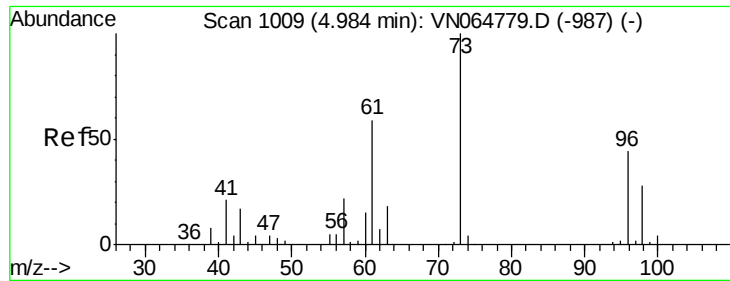
MMDadoda
11/25/2020 9:51:50 AM



#20
Methylene Chloride
Concen: 47.533 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064843.D
Acq: 25 Nov 2020 5:07

Tgt Ion: 84 Resp: 105114
Ion Ratio Lower Upper
84 100
49 112.7 93.4 140.0
51 34.8 28.2 42.4
86 63.0 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 47.977 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN064843.D

Acq: 25 Nov 2020 5:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 95402

Ion Ratio Lower Upper

96 100

61 135.6 108.4 162.6

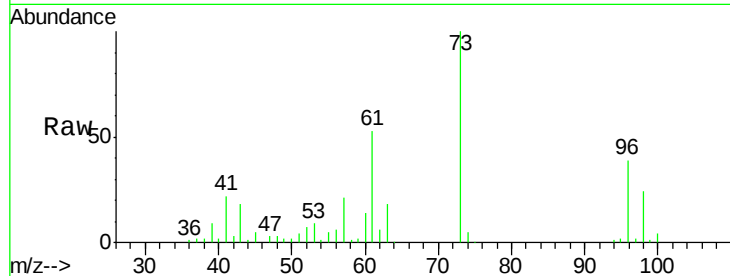
98 61.7 51.3 76.9

Manual Integrations

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MMDadoda

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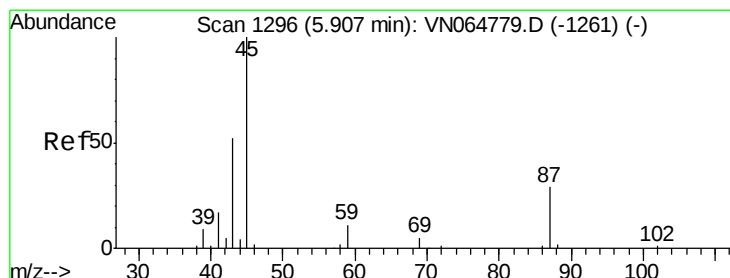
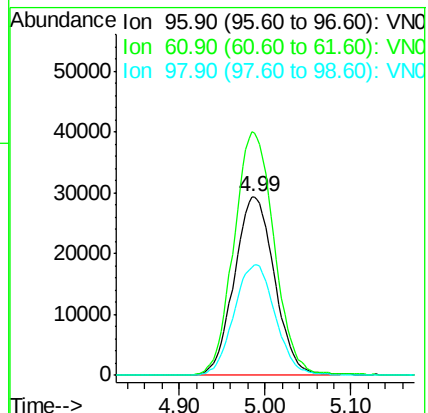
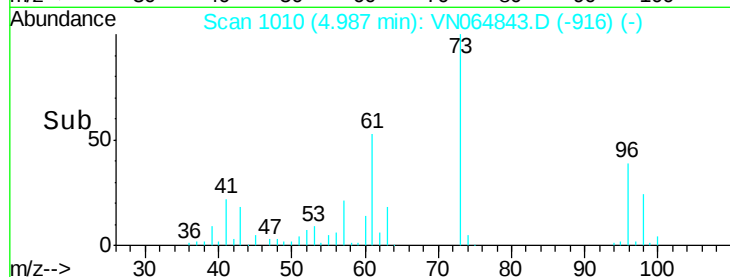


Abundance Ion 95.90 (95.60 to 96.60): VN064843.D (-916) (-)

Ion 60.90 (60.60 to 61.60): VN064843.D (-916) (-)

Ion 97.90 (97.60 to 98.60): VN064843.D (-916) (-)

Time-->



#22

Diisopropyl ether

Concen: 51.883 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VN064843.D

Acq: 25 Nov 2020 5:07

Tgt Ion: 45 Resp: 306702

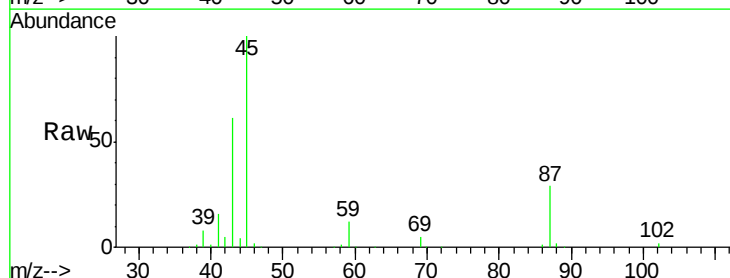
Ion Ratio Lower Upper

45 100

43 59.4 46.2 69.2

87 29.0 24.1 36.1

59 11.9 9.0 13.4



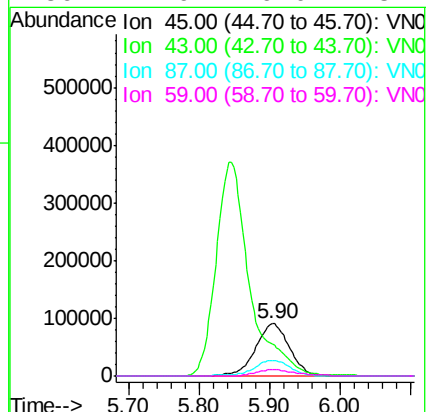
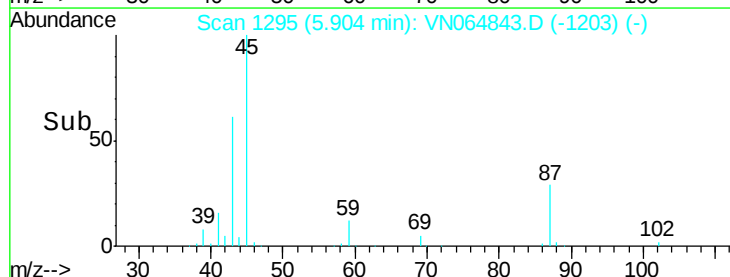
Abundance Ion 45.00 (44.70 to 45.70): VN064843.D (-1203) (-)

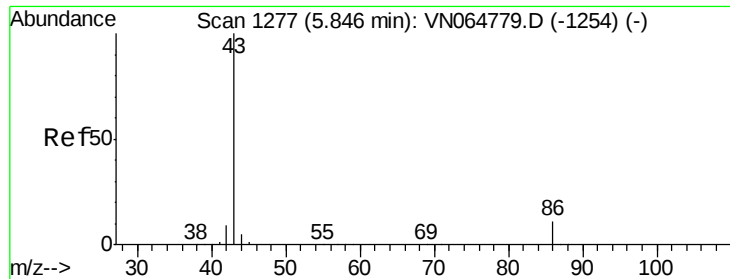
Ion 43.00 (42.70 to 43.70): VN064843.D (-1203) (-)

Ion 87.00 (86.70 to 87.70): VN064843.D (-1203) (-)

Ion 59.00 (58.70 to 59.70): VN064843.D (-1203) (-)

Time-->





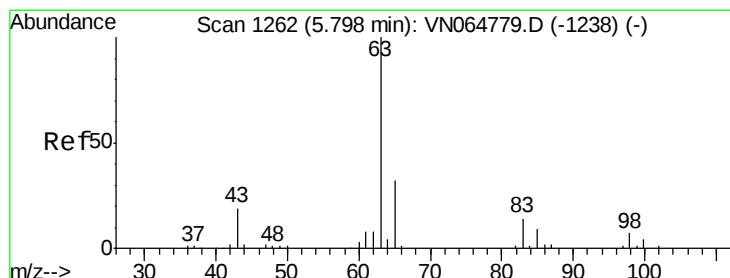
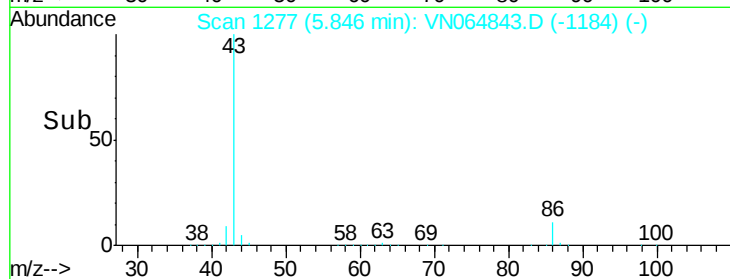
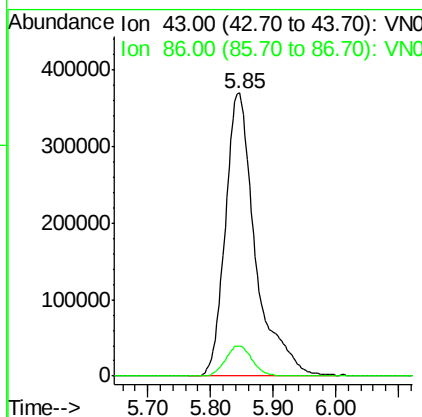
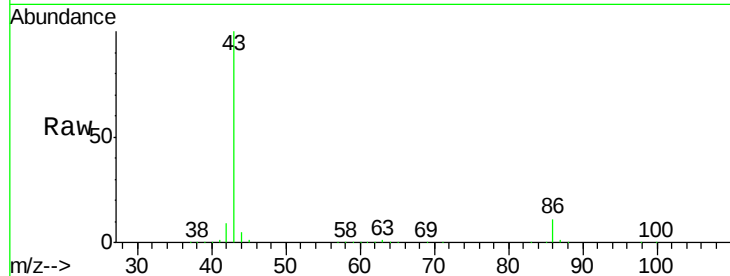
#23
 Vinyl Acetate
 Concen: 260.754 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN064843.D
 Acq: 25 Nov 2020 5:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1232645
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.9 13.3

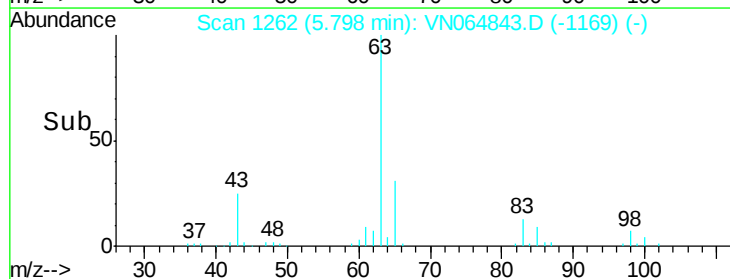
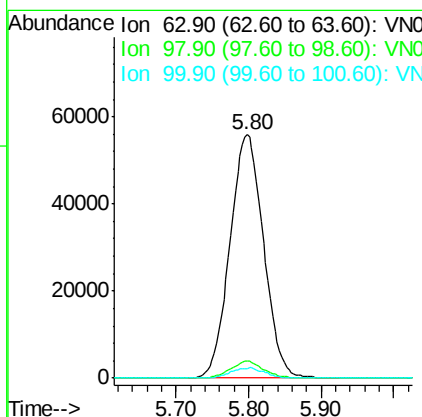
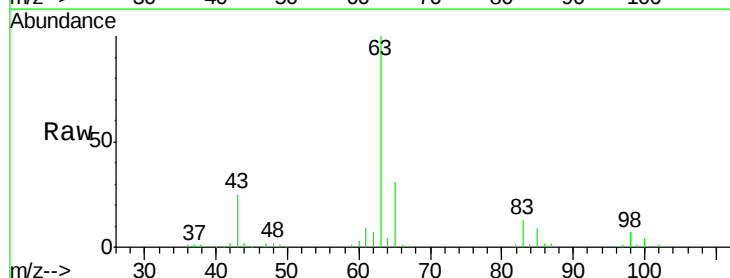
Manual Integrations
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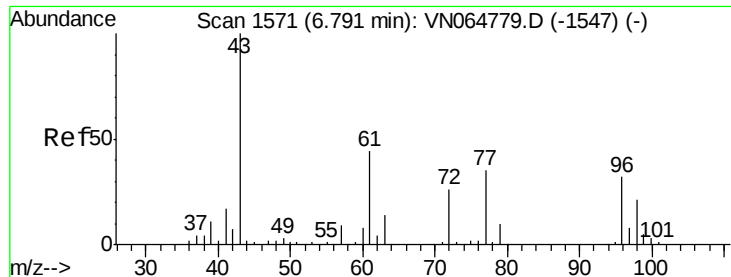
MMDadoda
 11/25/2020 9:51:50 AM



#24
 1,1-Dichloroethane
 Concen: 51.086 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064843.D
 Acq: 25 Nov 2020 5:07

Tgt Ion: 63 Resp: 180481
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.5
 100 4.0 2.3 6.8





#25

2-Butanone

Concen: 250.858 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN064843.D

Acq: 25 Nov 2020 5:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 286980

Ion Ratio Lower Upper

43 100

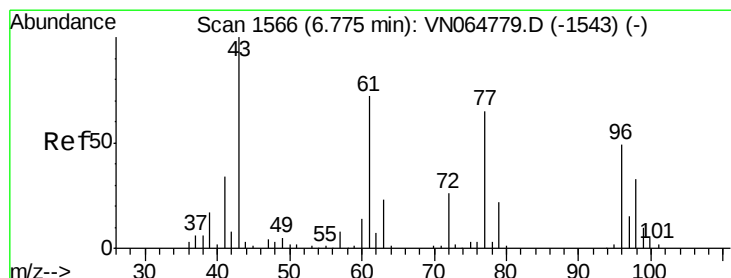
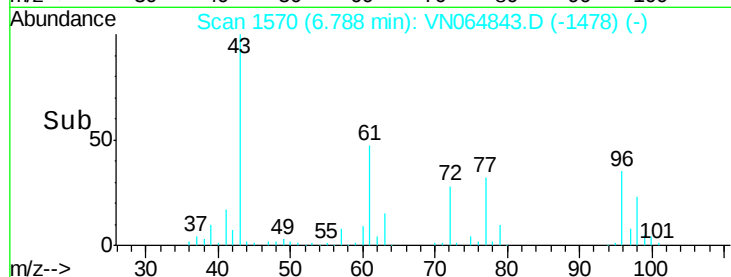
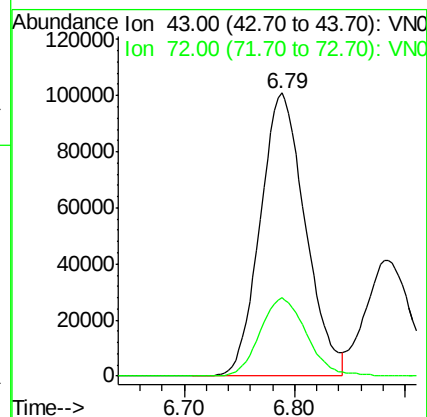
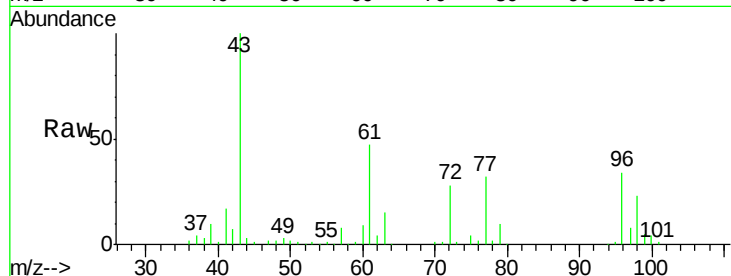
72 27.6 21.0 31.6

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#26

2,2-Dichloropropane

Concen: 40.073 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064843.D

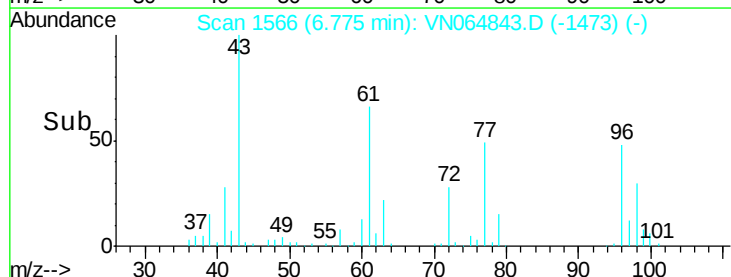
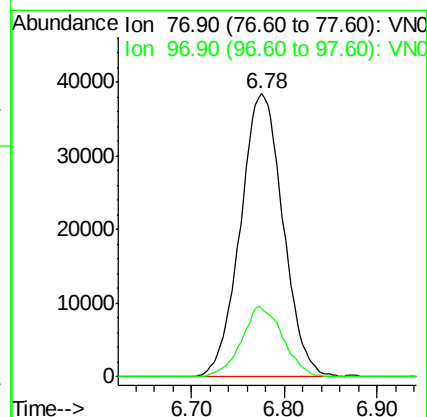
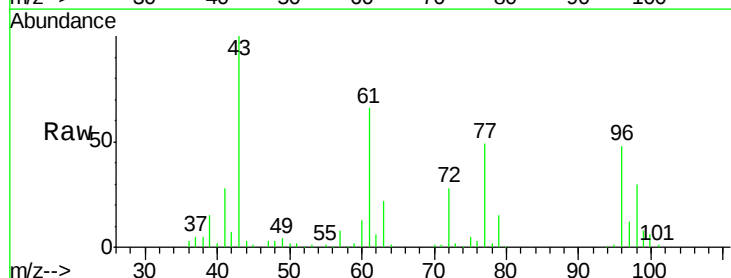
Acq: 25 Nov 2020 5:07

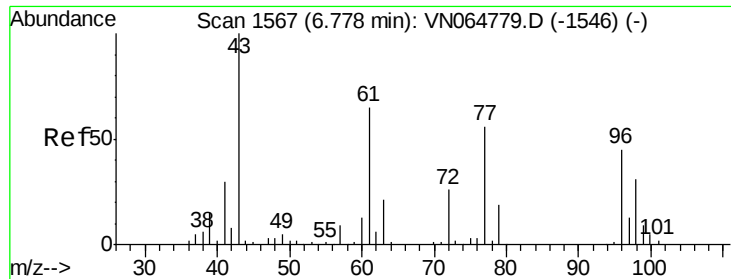
Tgt Ion: 77 Resp: 122787

Ion Ratio Lower Upper

77 100

97 24.1 11.7 35.0





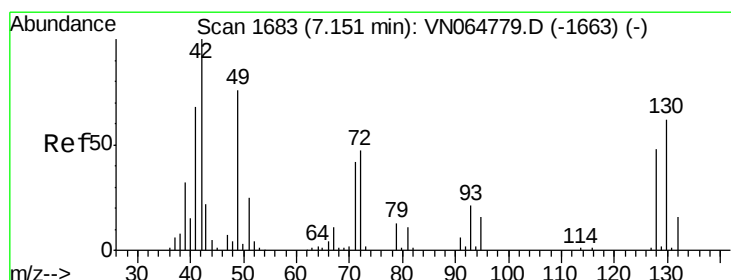
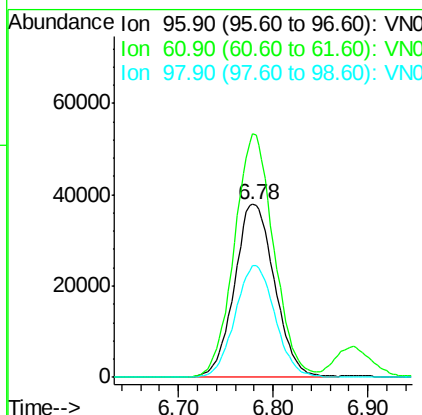
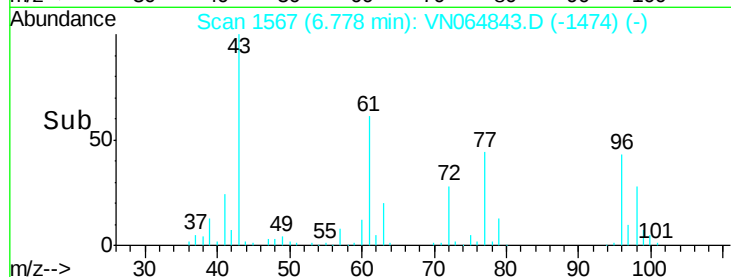
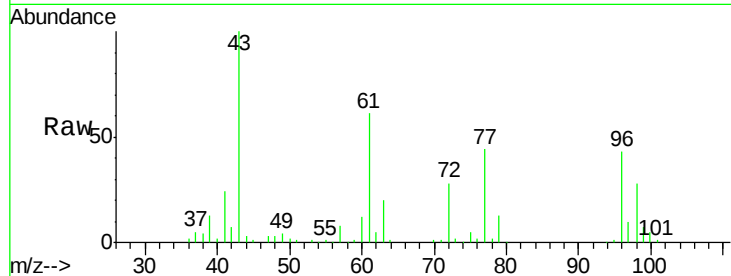
#27
 cis-1,2-Dichloroethene
 Concen: 50.049 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VN064843.D
 Acq: 25 Nov 2020 5:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	111990		
61	137.7	0.0	285.8	
98	64.1	0.0	130.6	

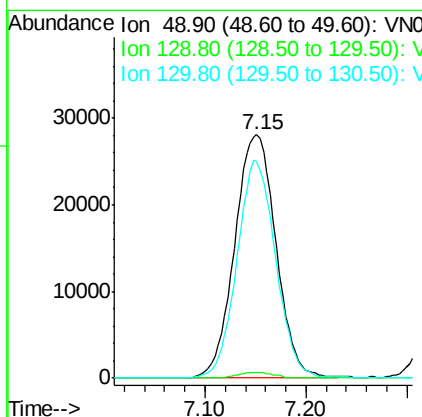
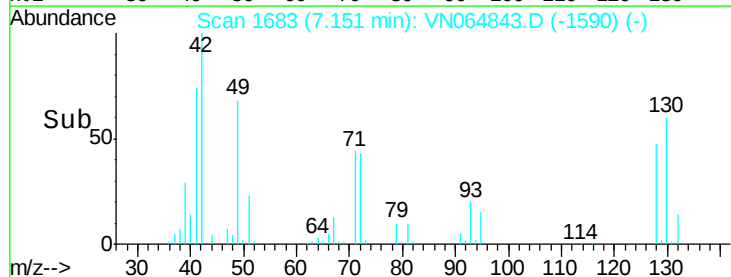
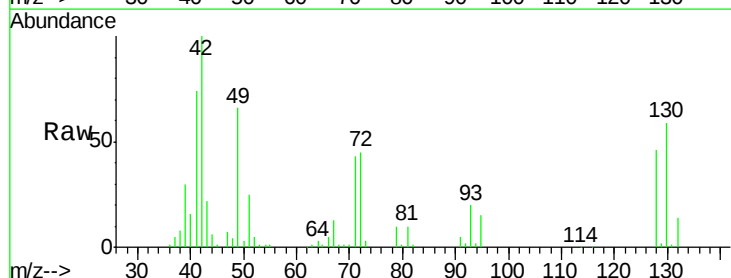
Manual Integrations
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#28
 Bromochloromethane
 Concen: 49.297 ug/l
 RT: 7.15 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: VN064843.D
 Acq: 25 Nov 2020 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	79674		
129	1.0	0.0	3.8	
130	84.1	66.2	99.2	





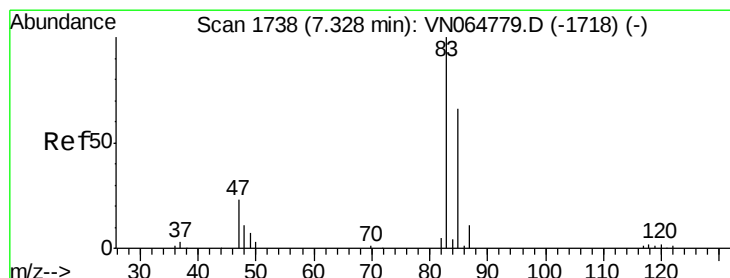
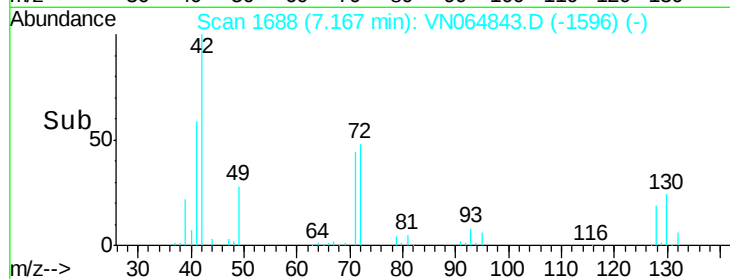
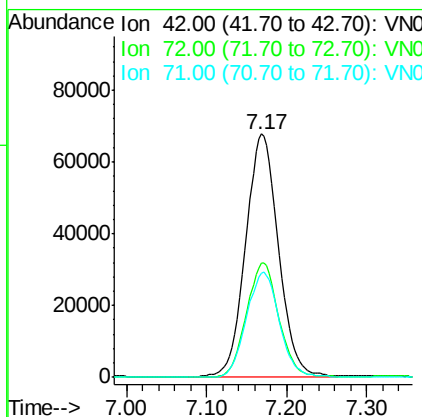
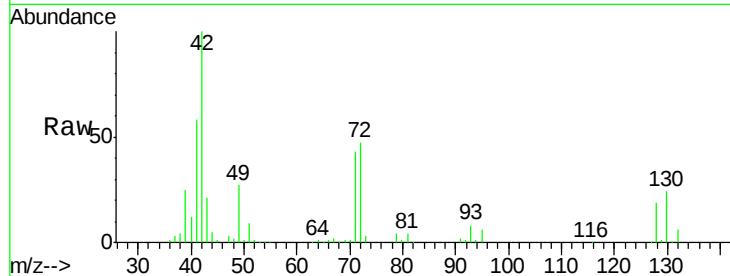
#29
Tetrahydrofuran
Concen: 241.198 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN064843.D
Acq: 25 Nov 2020 5:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.4	36.6	54.8
71	43.2	33.6	50.4

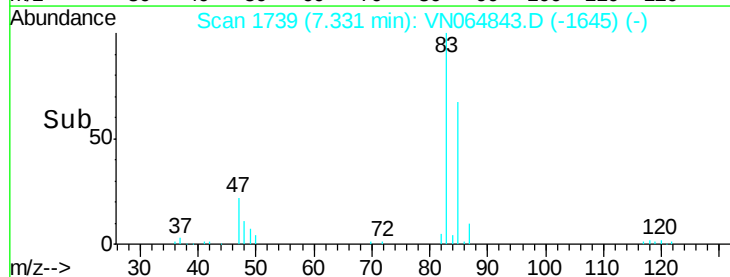
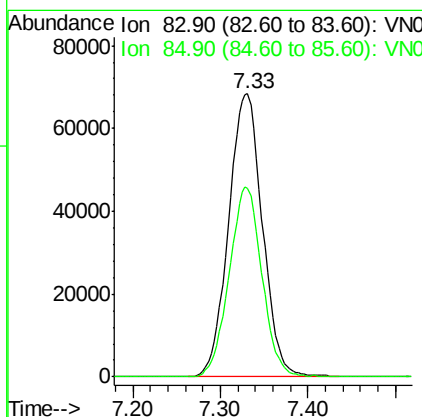
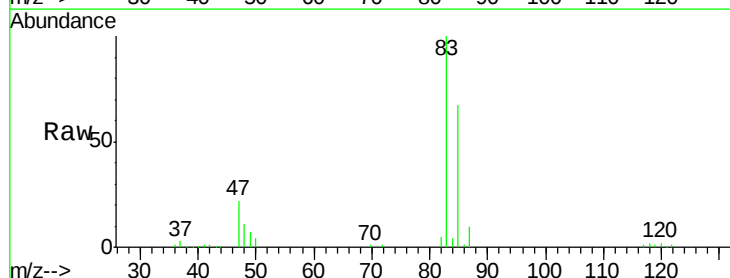
Manual Integrations
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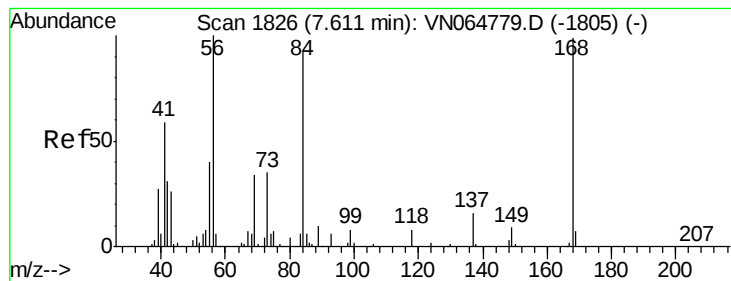
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11/25/2020 9:51:50 AM



#30
Chloroform
Concen: 50.320 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN064843.D
Acq: 25 Nov 2020 5:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.8	52.6	78.8





#31

Cyclohexane

Concen: 48.129 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN064843.D

Acq: 25 Nov 2020 5:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 144006

Ion Ratio Lower Upper

56 100

69 32.9 27.5 41.3

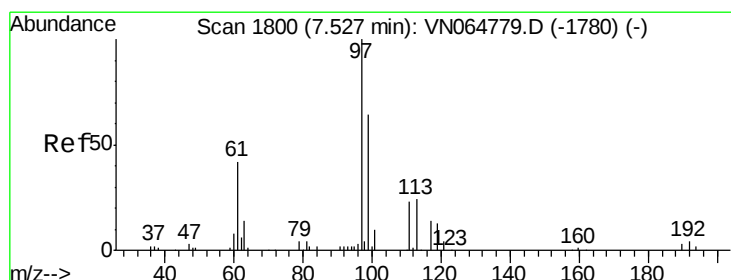
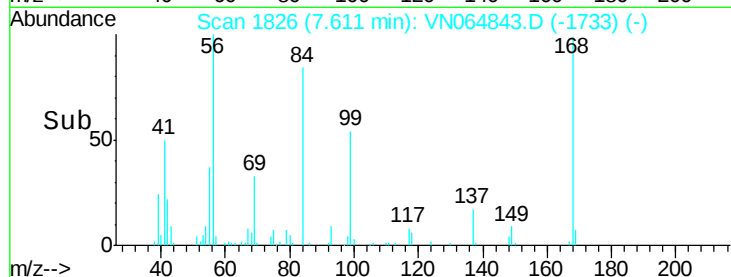
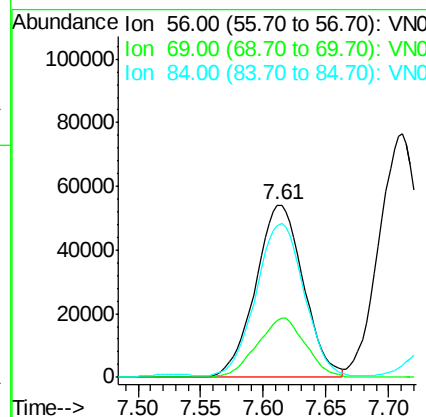
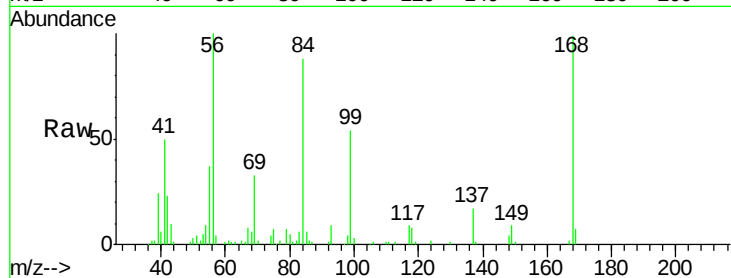
84 86.8 73.9 110.9

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#32

1,1,1-Trichloroethane

Concen: 49.890 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN064843.D

Acq: 25 Nov 2020 5:07

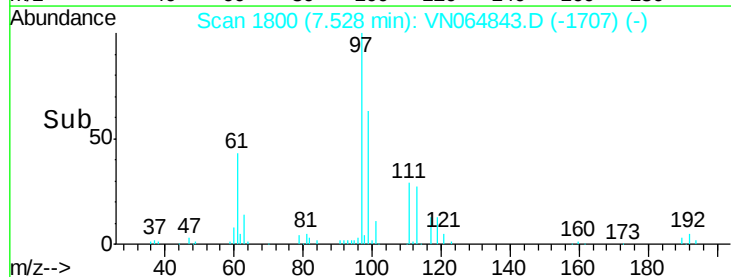
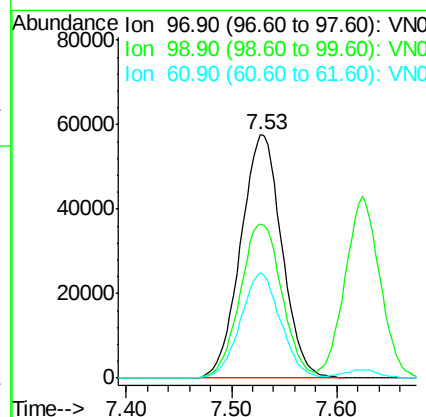
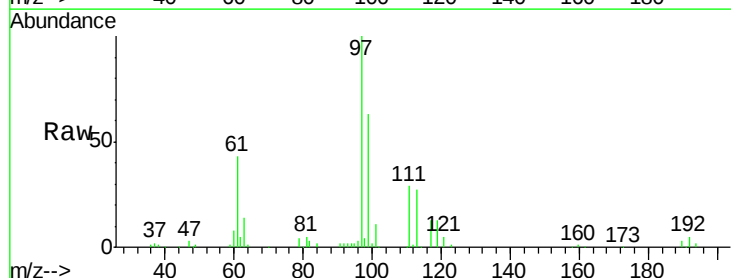
Tgt Ion: 97 Resp: 156110

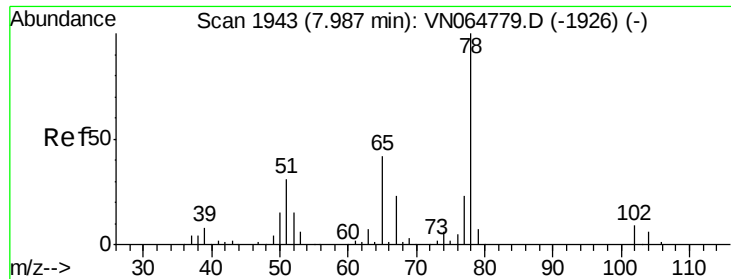
Ion Ratio Lower Upper

97 100

99 64.3 51.7 77.5

61 42.2 33.9 50.9





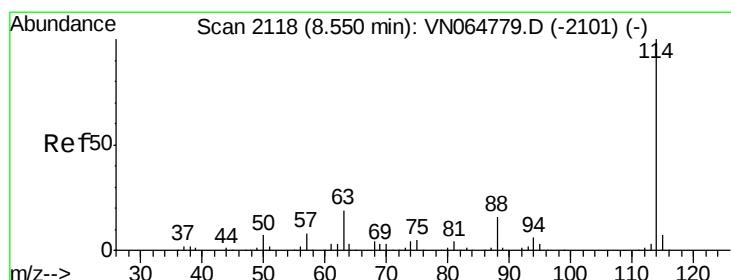
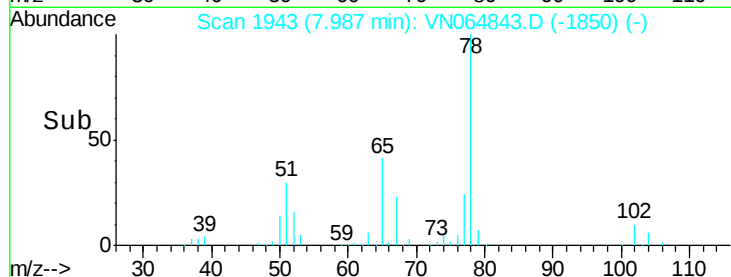
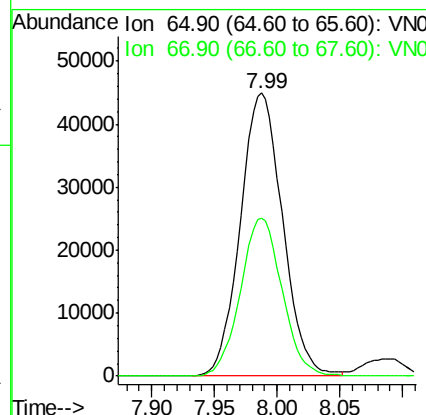
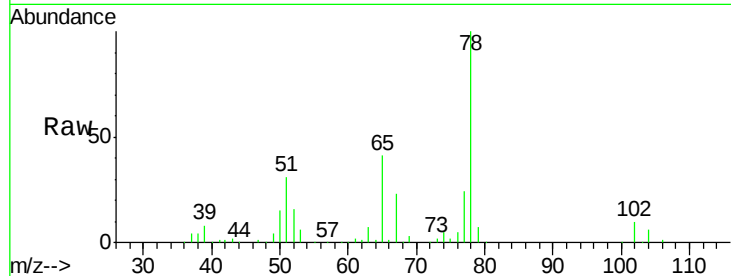
#33
 1,2-Dichloroethane-d4
 Concen: 49.073 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064843.D
 Acq: 25 Nov 2020 5:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.0	0.0	108.2	

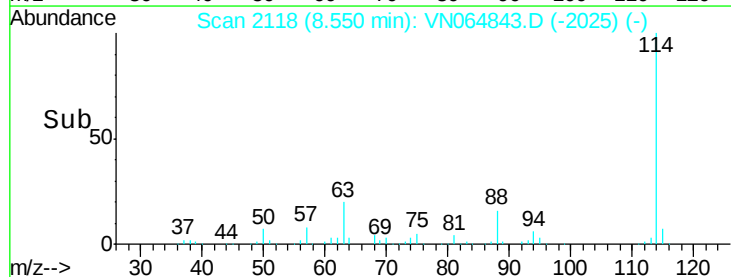
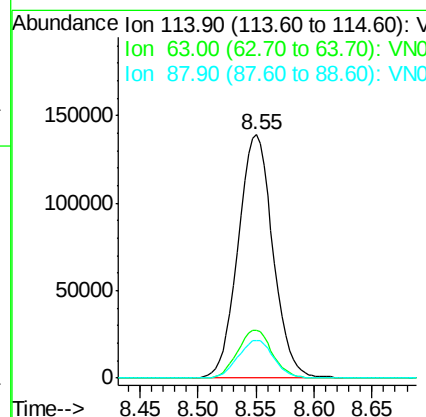
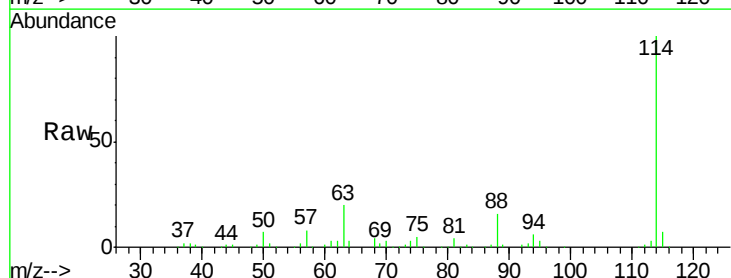
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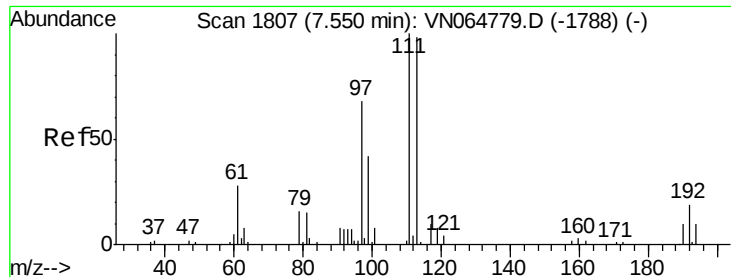
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064843.D
 Acq: 25 Nov 2020 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.7	0.0	38.6	
88	15.6	0.0	32.6	





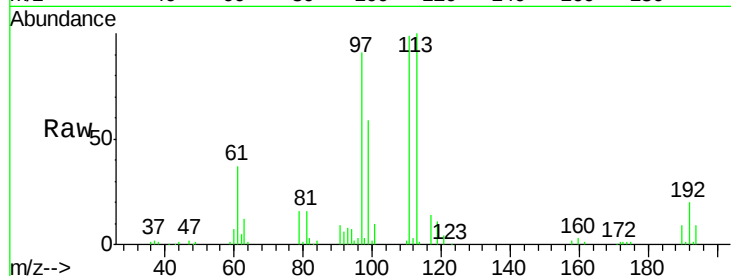
#35
 Dibromofluoromethane
 Concen: 53.114 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064843.D
 Acq: 25 Nov 2020 5:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

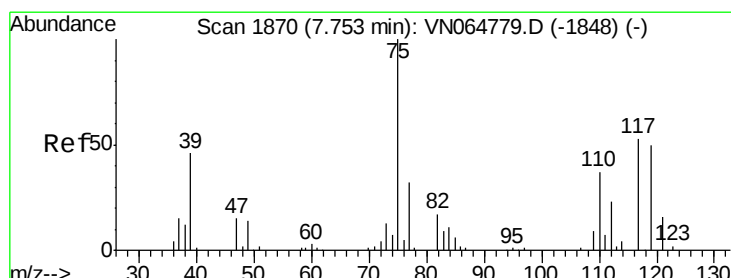
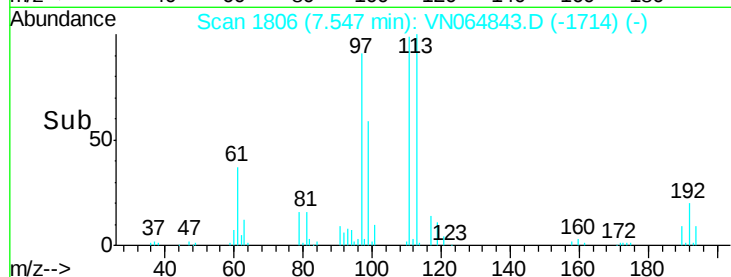
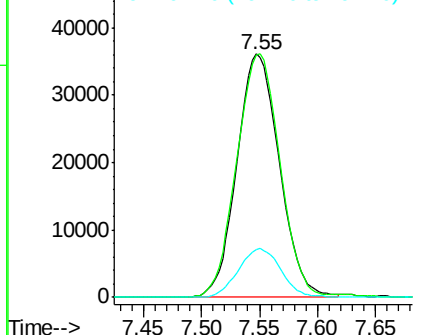
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.6	122.4
192	20.0	16.2	24.2

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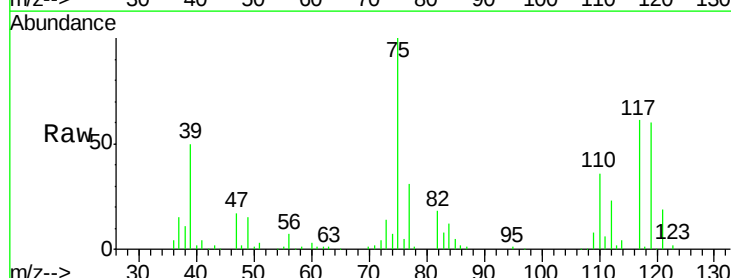


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

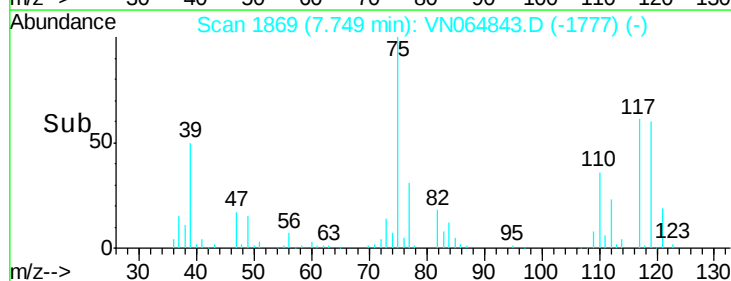
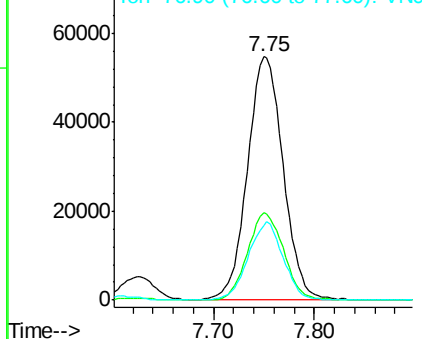


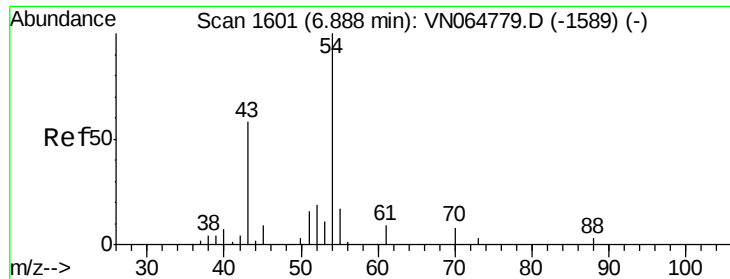
#36
 1,1-Dichloropropene
 Concen: 49.972 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064843.D
 Acq: 25 Nov 2020 5:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.9	17.8	53.3
77	31.2	25.0	37.4



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





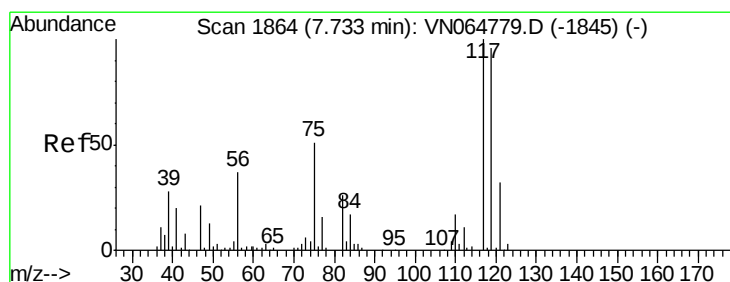
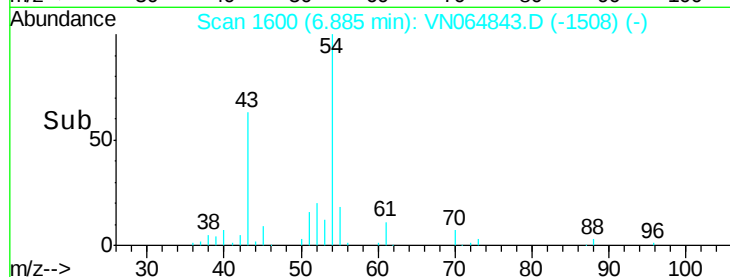
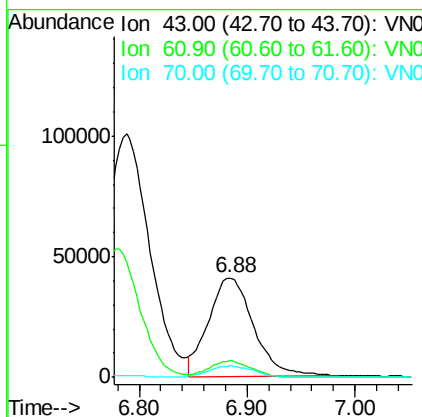
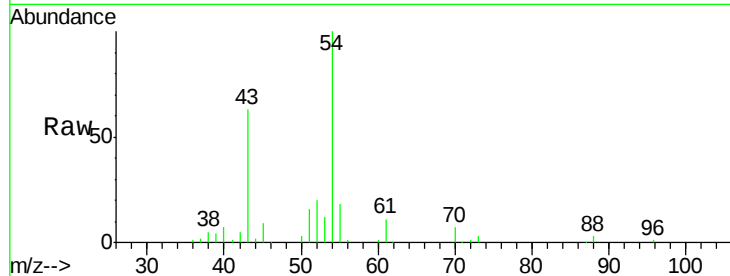
#37
Ethyl Acetate
Concen: 46.007 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VN064843.D
Acq: 25 Nov 2020 5:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.8	12.8	19.2
70	11.6	8.8	13.2

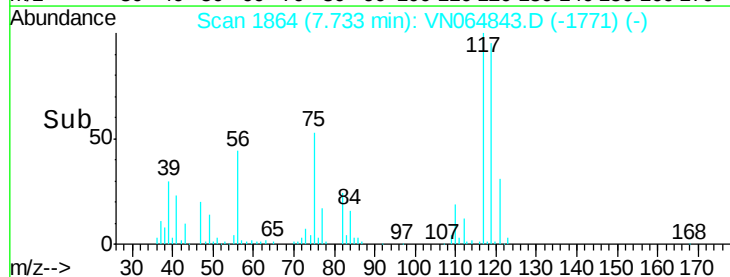
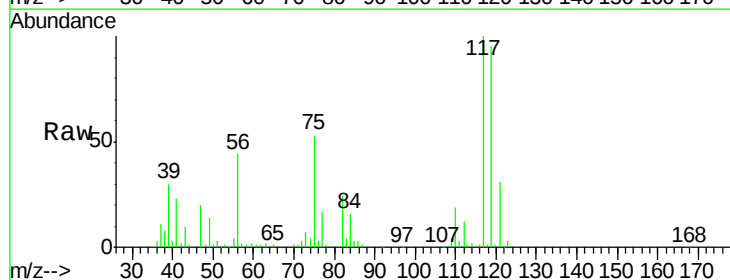
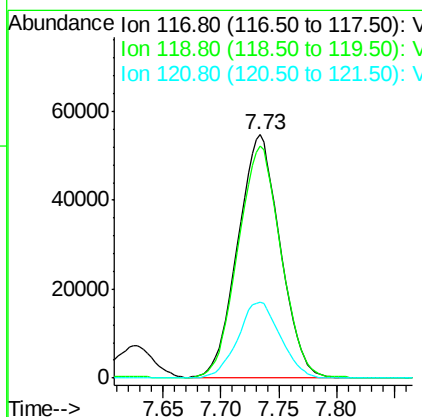
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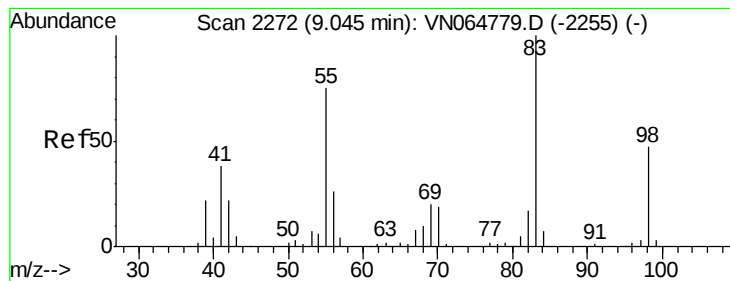
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#38
Carbon Tetrachloride
Concen: 49.657 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064843.D
Acq: 25 Nov 2020 5:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.7	115.1
121	31.0	25.4	38.2





#39

Methvlcvclohexane

Concen: 50.439 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VN064843.D

Acq: 25 Nov 2020 5:07

Instrument :

MSVOA_N

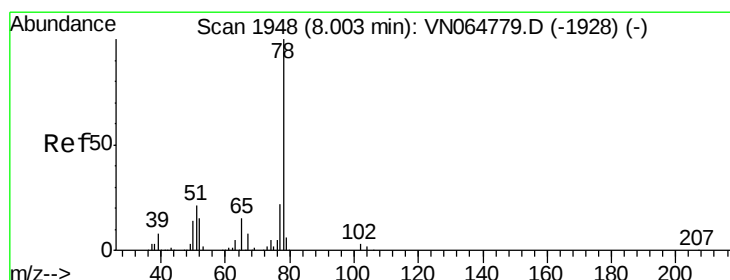
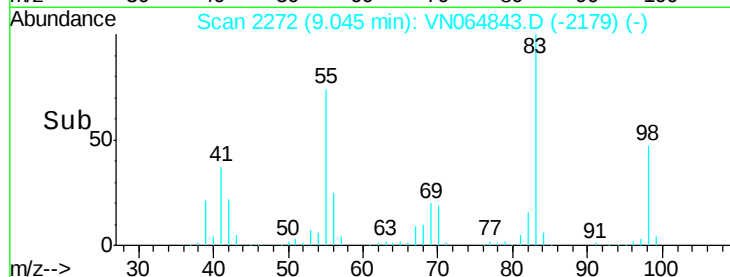
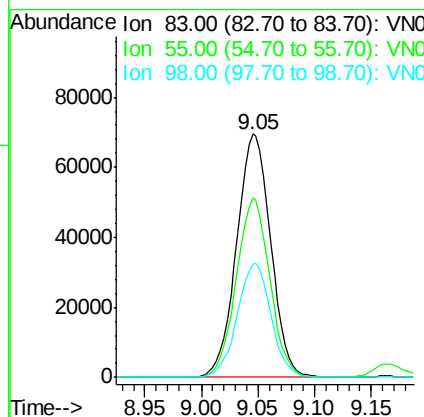
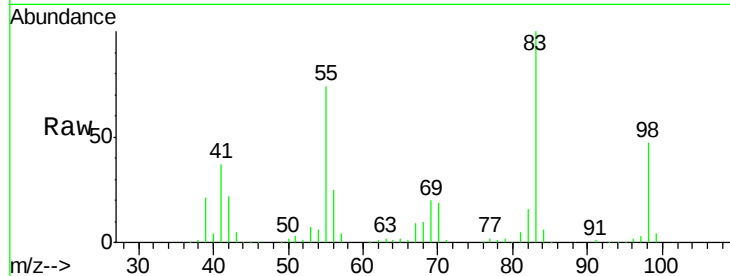
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	146012
Ion Ratio		Lower	Upper
83	100		
55	73.8	60.2	90.2
98	46.6	37.4	56.2

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#40

Benzene

Concen: 49.996 ug/l

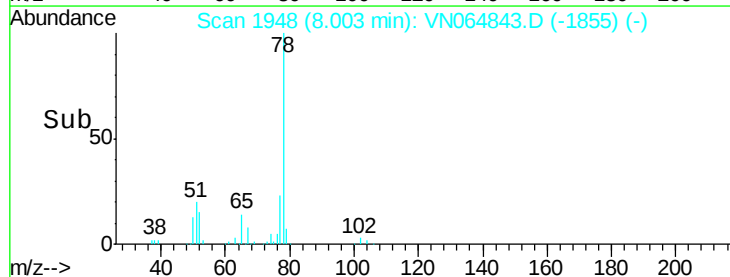
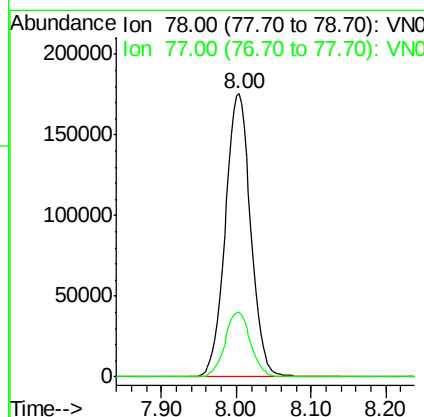
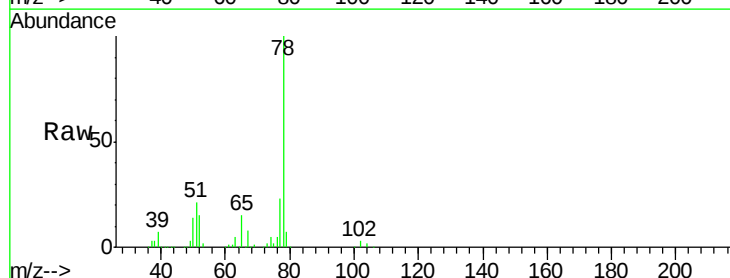
RT: 8.00 min Scan# 1948

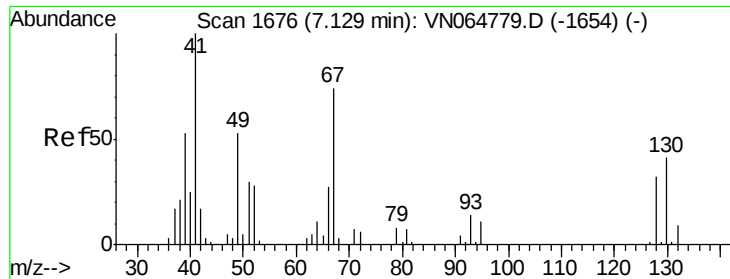
Delta R.T. 0.00 min

Lab File: VN064843.D

Acq: 25 Nov 2020 5:07

Tgt Ion:	78	Resp:	411988
Ion Ratio		Lower	Upper
78	100		
77	22.9	17.9	26.9





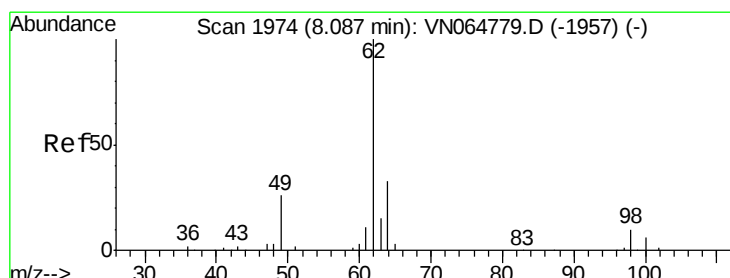
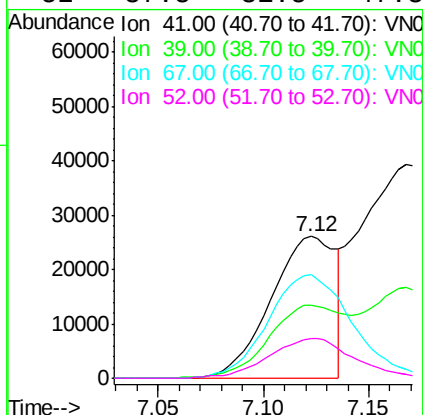
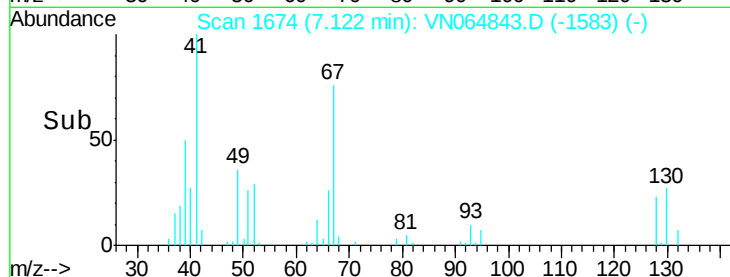
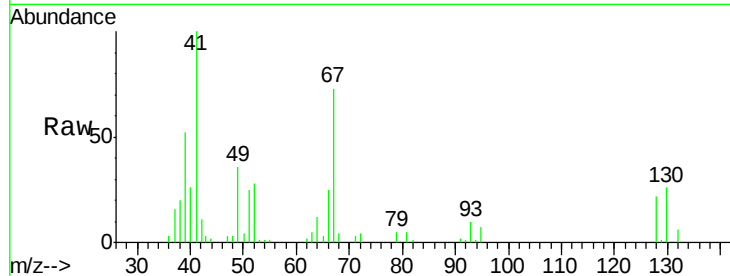
#41
Methacrylonitrile
Concen: 46.391 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN064843.D
Acq: 25 Nov 2020 5:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	55448
Ion	Ratio	Lower	Upper
41	100		
39	61.4	51.0	76.6
67	95.6	79.8	119.8
52	37.8	31.5	47.3

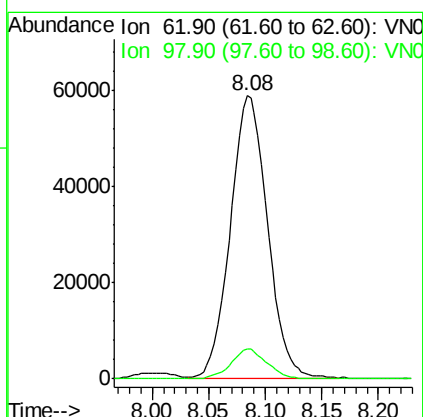
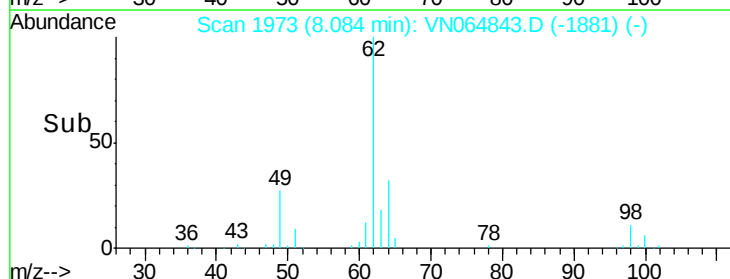
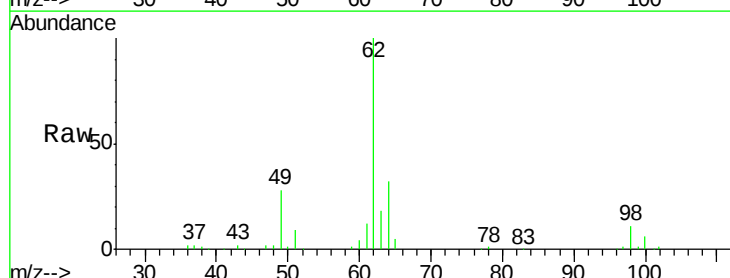
Manual Integrations
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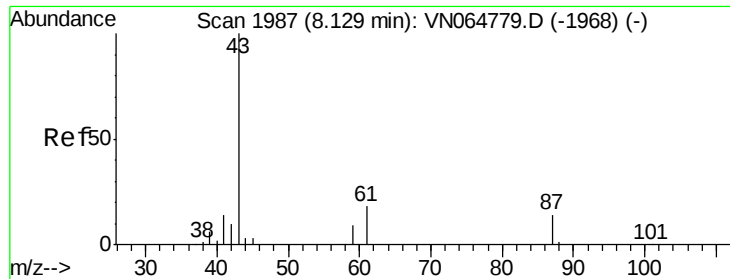
MMDadoda
11/25/2020 9:51:50 AM



#42
1,2-Dichloroethane
Concen: 48.241 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064843.D
Acq: 25 Nov 2020 5:07

Tgt Ion:	62	Resp:	134102
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.6





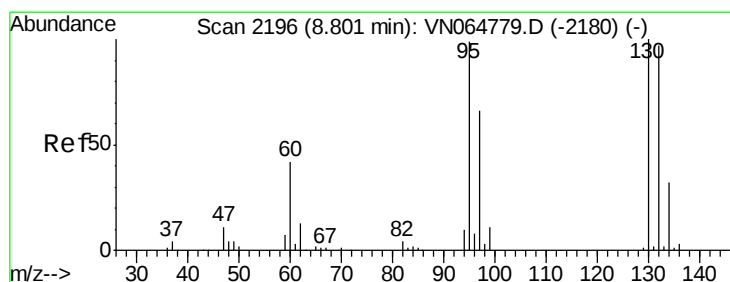
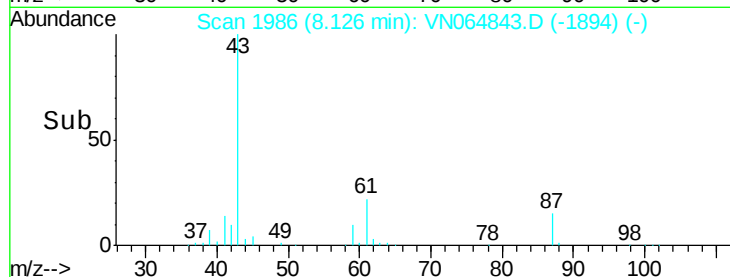
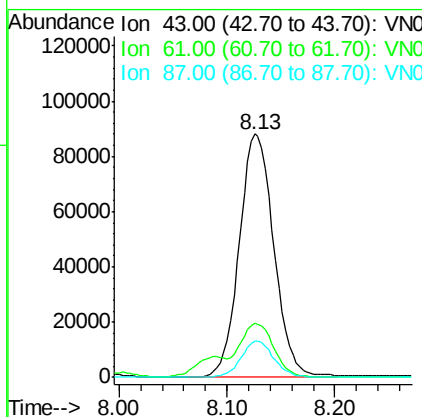
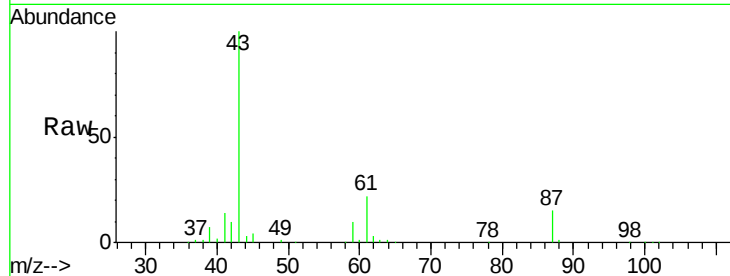
#43
Isopropyl Acetate
Concen: 47.362 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VN064843.D
Acq: 25 Nov 2020 5:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.9	17.2	25.8
87	14.1	11.4	17.0

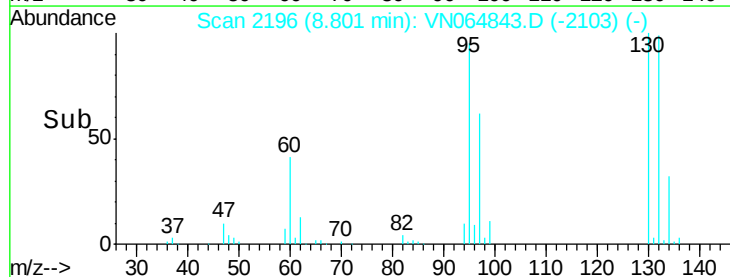
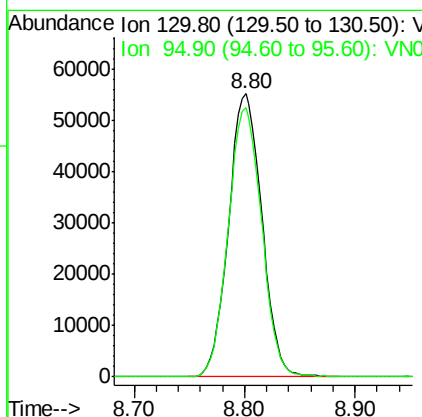
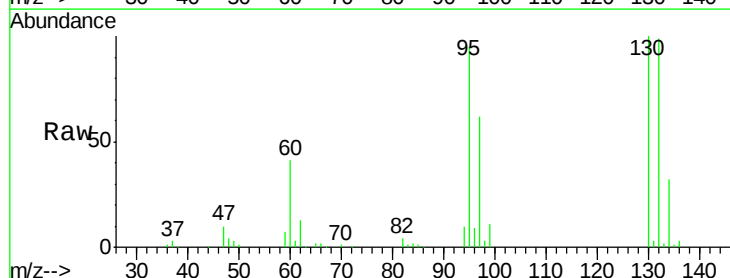
Manual Integrations
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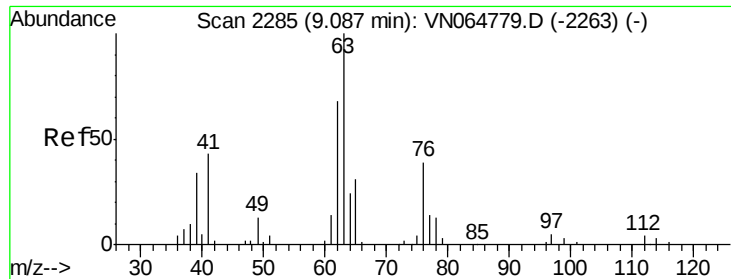
MMDadoda
11/25/2020 9:51:50 AM



#44
Trichloroethene
Concen: 47.483 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN064843.D
Acq: 25 Nov 2020 5:07

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	197.8





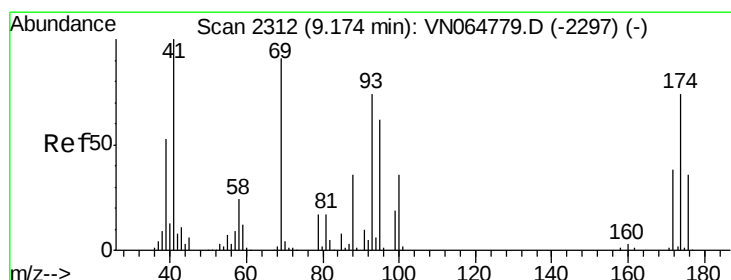
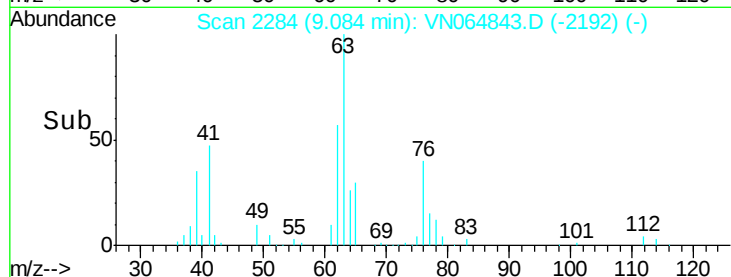
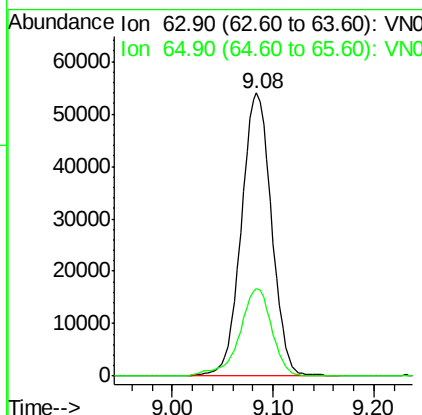
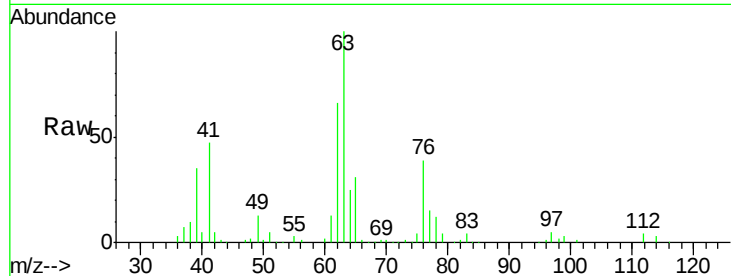
#45
 1,2-Dichloropropane
 Concen: 52.314 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064843.D
 Acq: 25 Nov 2020 5:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 111637
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.0 37.4

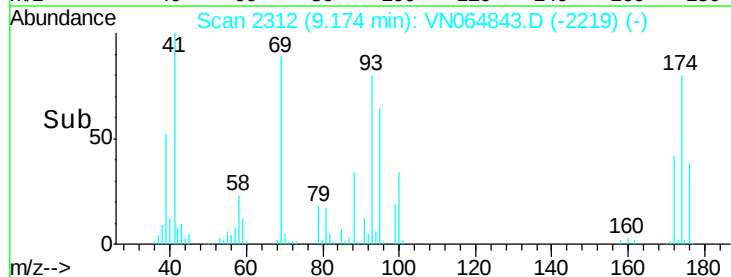
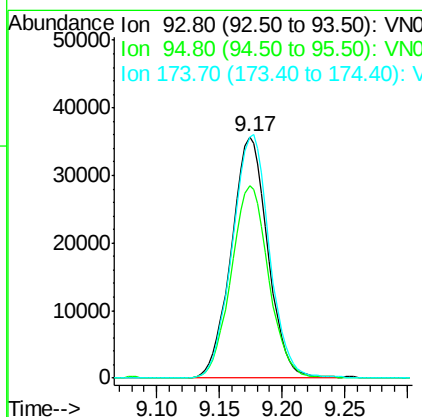
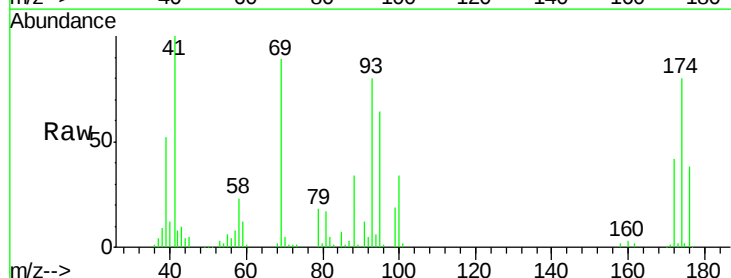
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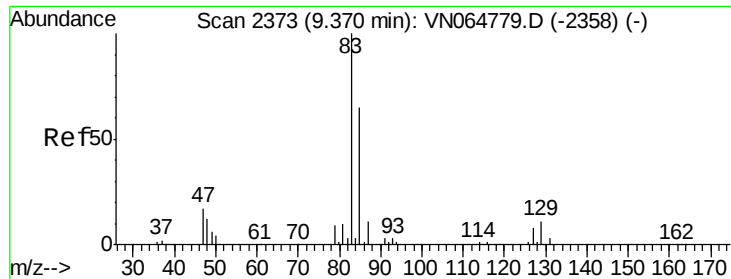
MMDadoda
 11/25/2020 9:51:50 AM



#46
 Dibromomethane
 Concen: 50.609 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064843.D
 Acq: 25 Nov 2020 5:07

Tgt Ion: 93 Resp: 72151
 Ion Ratio Lower Upper
 93 100
 95 81.9 68.8 103.2
 174 102.8 83.1 124.7





#47

Bromodichloromethane

Concen: 50.522 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064843.D

Acq: 25 Nov 2020 5:07

Instrument :

MSVOA_N

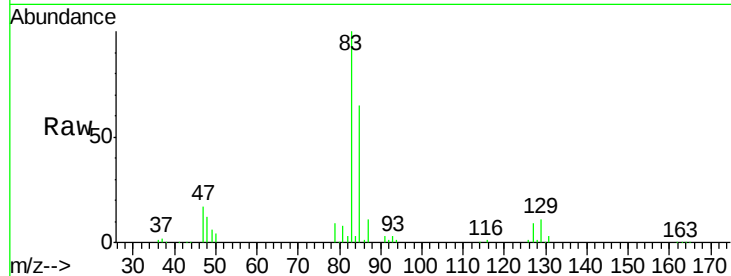
ClientSampleId :

VSTDCCC050EC

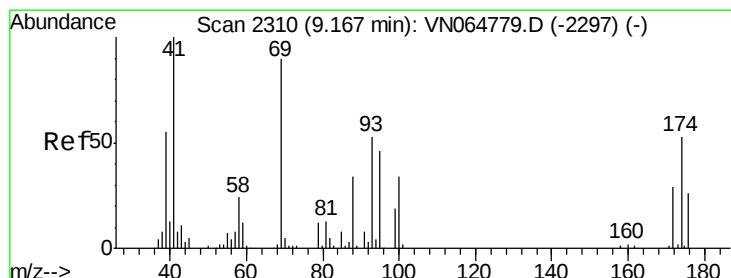
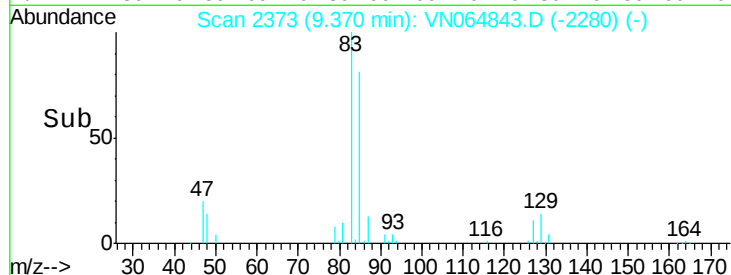
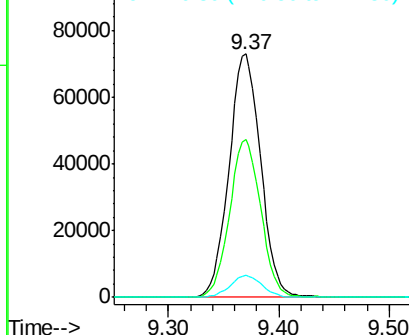
Tot Ion:	83	Resp:	144925
Ion Ratio	Lower	Upper	
83	100		
85	65.0	51.8	77.8
127	9.0	6.8	10.2

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Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.126 ug/l

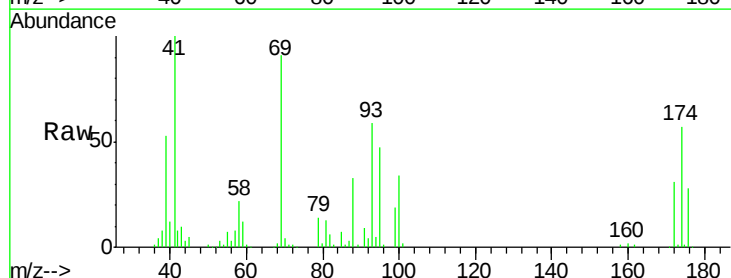
RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

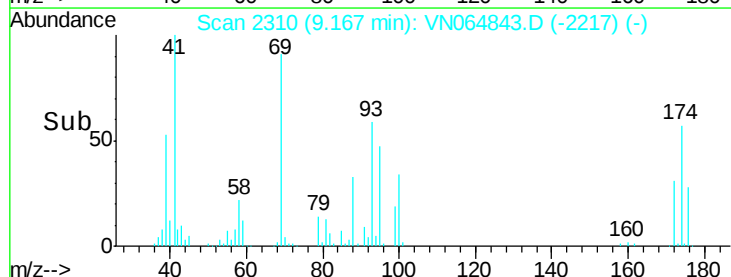
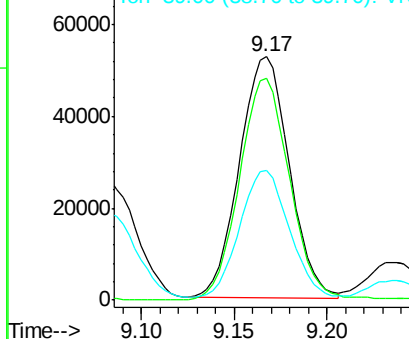
Lab File: VN064843.D

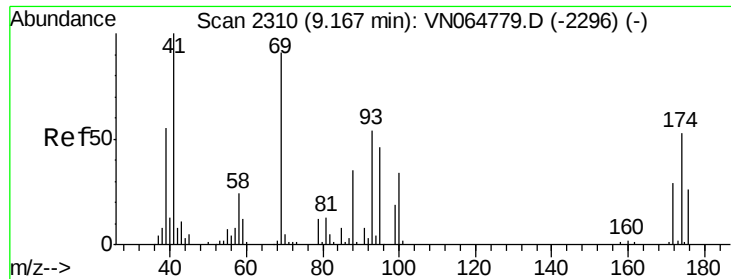
Acq: 25 Nov 2020 5:07

Tgt Ion:	41	Resp:	97844
Ion Ratio	Lower	Upper	
41	100		
69	93.4	71.8	107.8
39	54.8	44.1	66.1



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO





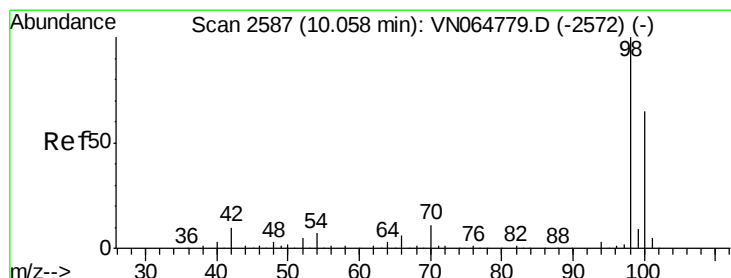
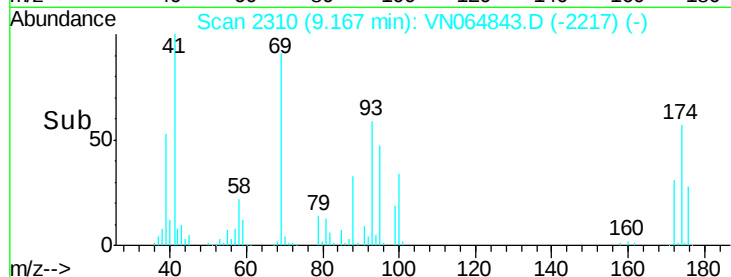
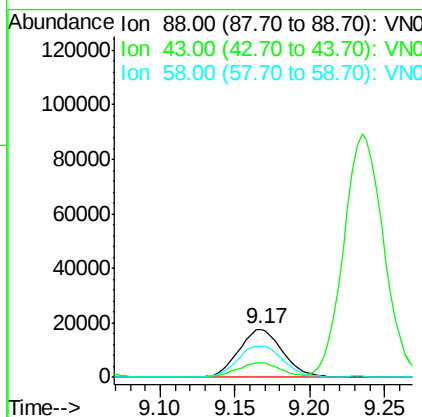
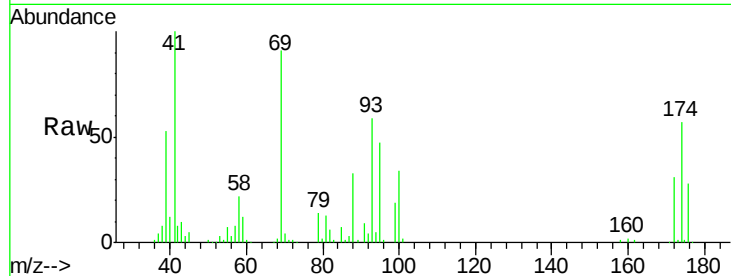
#49
 1,4-Dioxane
 Concen: 958.653 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN064843.D
 Acq: 25 Nov 2020 5:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.5	24.2	36.4
58	67.8	52.5	78.7

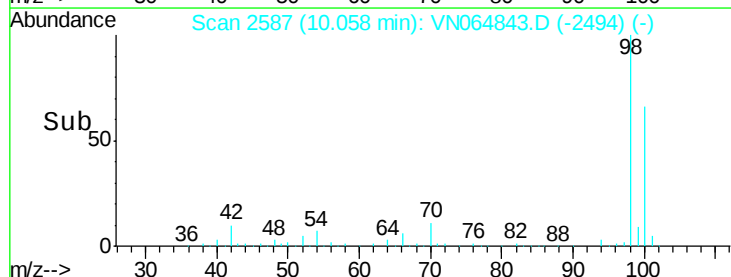
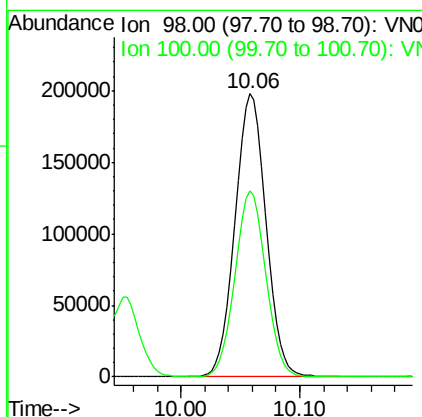
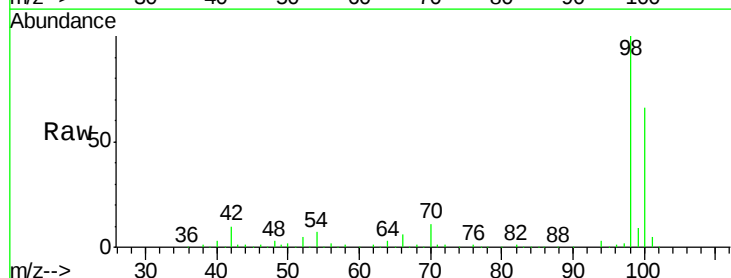
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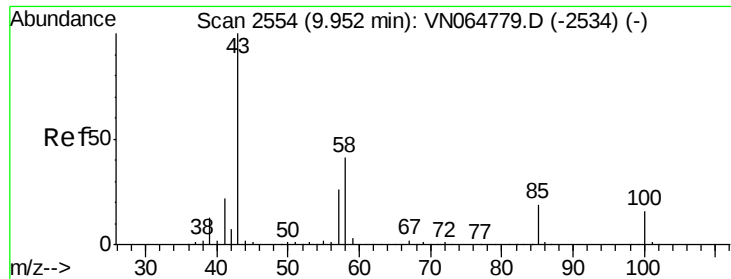
MMDadoda
 11/25/2020 9:51:50 AM



#50
 Toluene-d8
 Concen: 50.415 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN064843.D
 Acq: 25 Nov 2020 5:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 248.328 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064843.D

Acq: 25 Nov 2020 5:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 621400

Ion Ratio Lower Upper

43 100

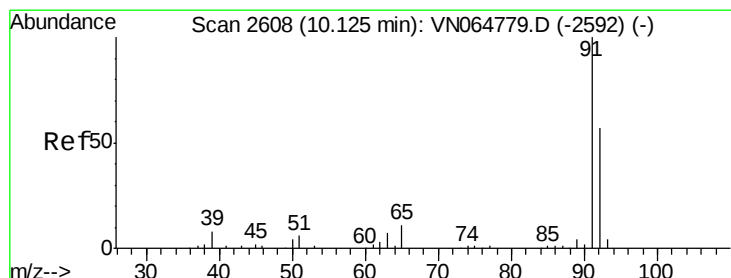
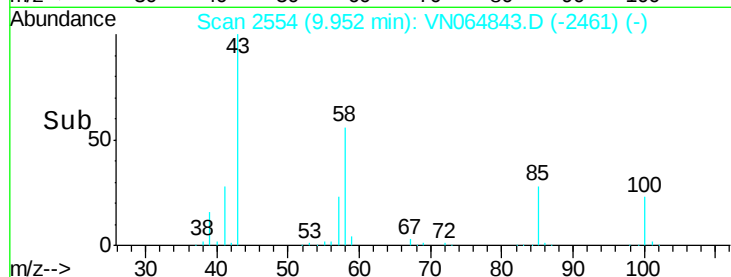
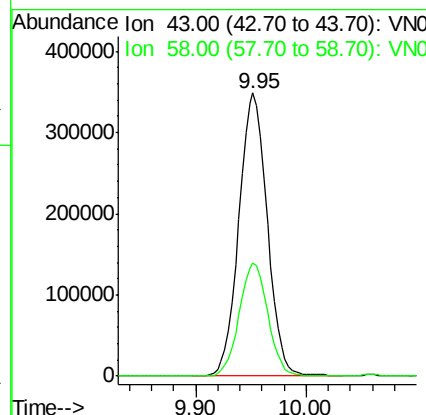
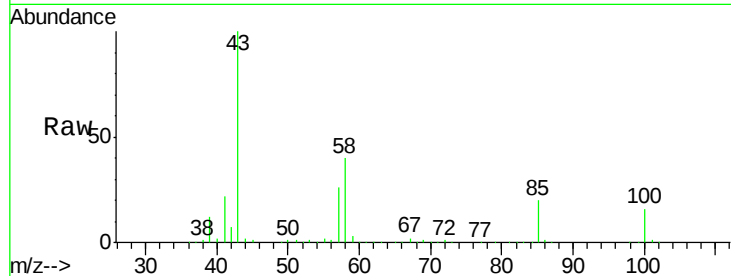
58 40.4 32.4 48.6

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#52

Toluene

Concen: 51.278 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064843.D

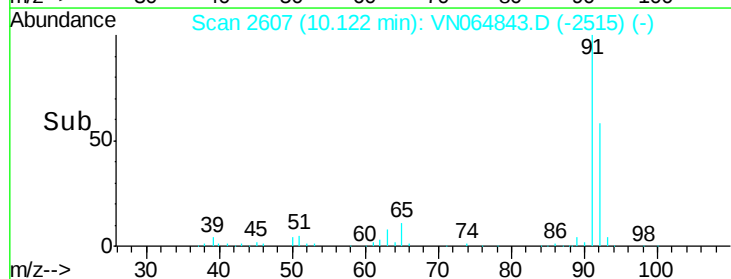
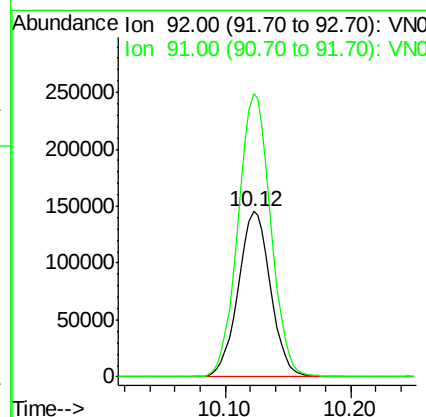
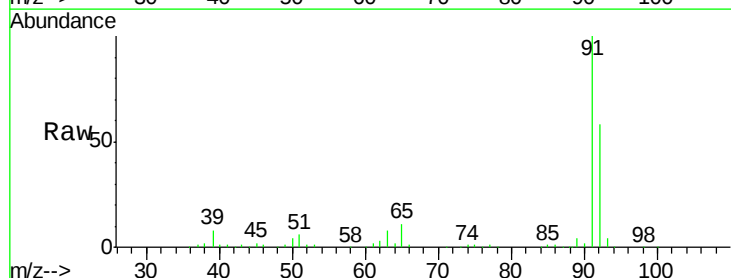
Acq: 25 Nov 2020 5:07

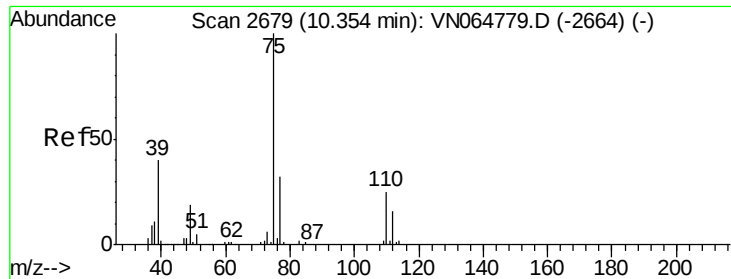
Tgt Ion: 92 Resp: 260222

Ion Ratio Lower Upper

92 100

91 173.4 139.1 208.7





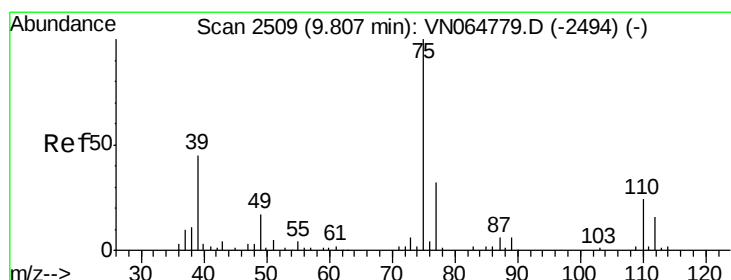
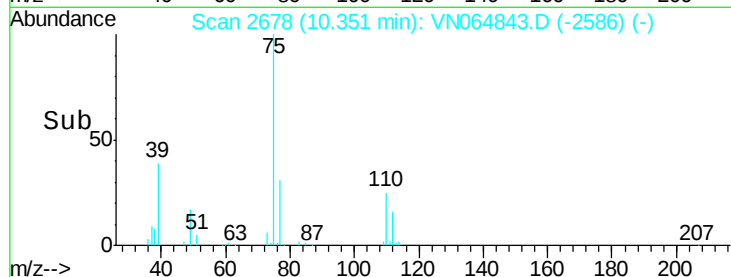
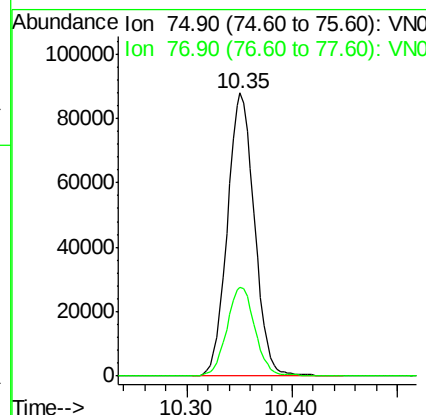
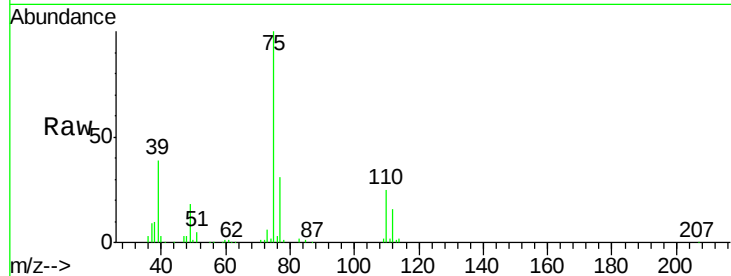
#53
t-1,3-Dichloropropene
Concen: 48.771 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064843.D
Acq: 25 Nov 2020 5:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 155823
Ion Ratio Lower Upper
75 100
77 31.3 25.8 38.6

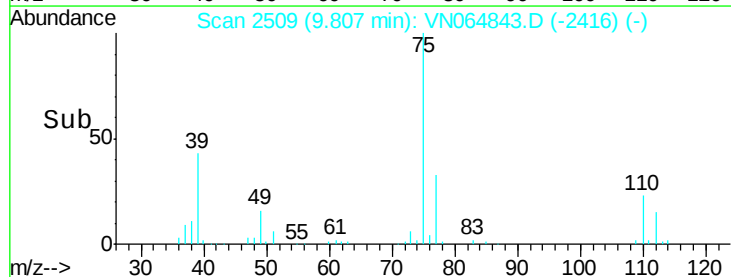
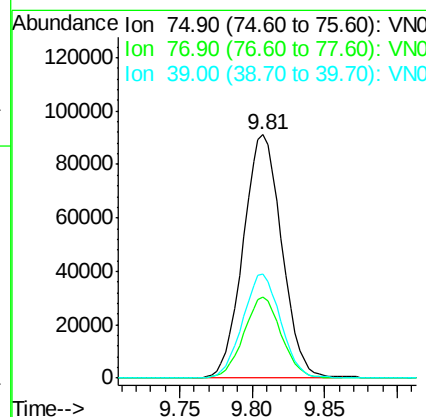
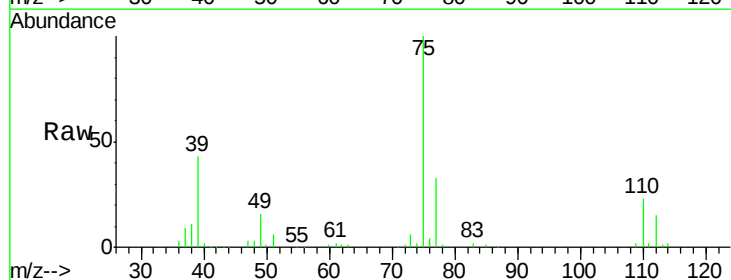
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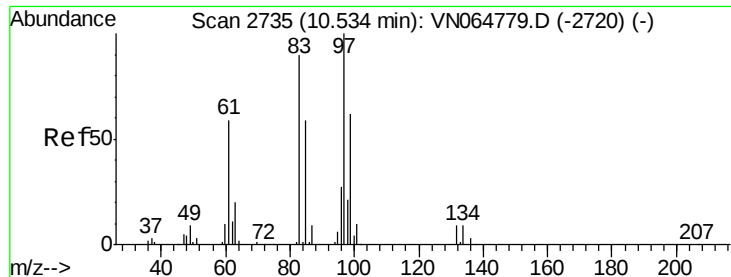
MMDadoda
11/25/2020 9:51:50 AM



#54
cis-1,3-Dichloropropene
Concen: 49.345 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN064843.D
Acq: 25 Nov 2020 5:07

Tgt Ion: 75 Resp: 168989
Ion Ratio Lower Upper
75 100
77 33.4 25.5 38.3
39 43.0 35.6 53.4





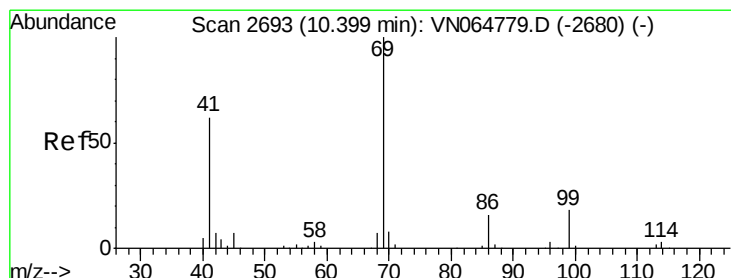
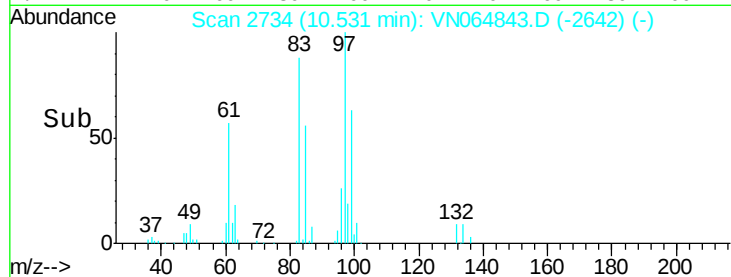
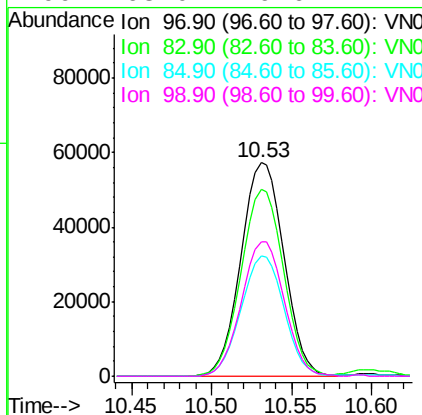
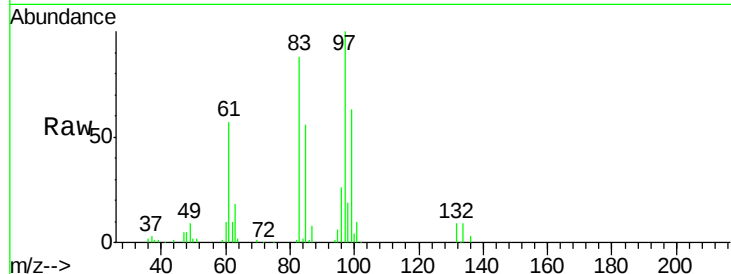
#55
 1,1,2-Trichloroethane
 Concen: 50.312 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064843.D
 Acq: 25 Nov 2020 5:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	104991
Ion	Ratio	Lower	Upper
97	100		
83	87.5	72.1	108.1
85	56.3	46.8	70.2
99	63.0	49.6	74.4

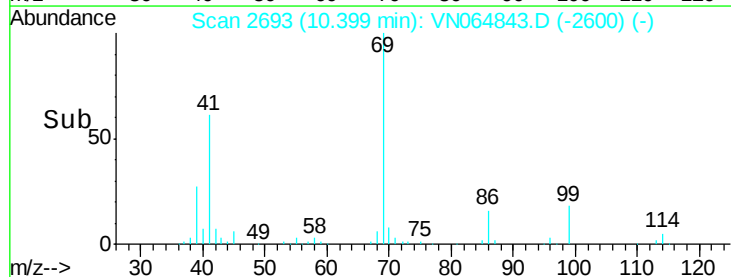
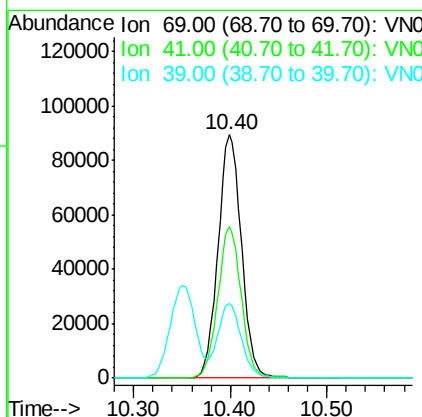
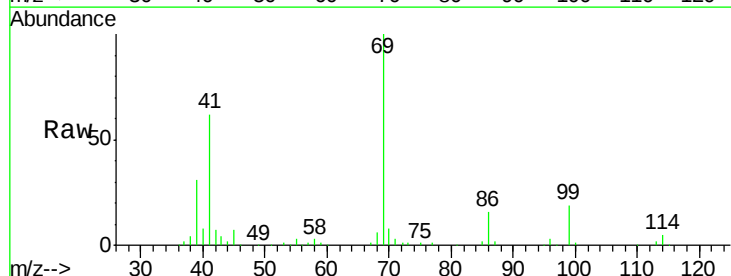
Manual Integrations
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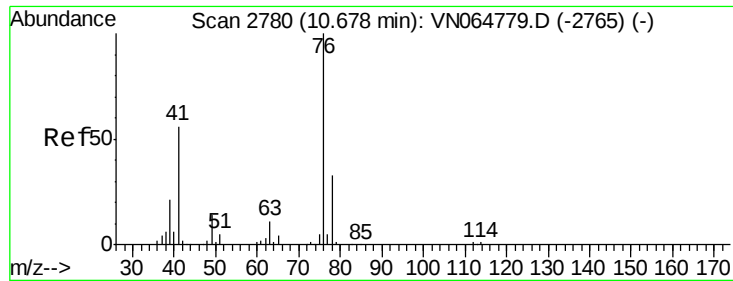
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 11/25/2020 9:51:50 AM



#56
 Ethyl methacrylate
 Concen: 52.185 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064843.D
 Acq: 25 Nov 2020 5:07

Tgt Ion:	69	Resp:	150277
Ion	Ratio	Lower	Upper
69	100		
41	61.2	49.4	74.0
39	30.6	25.9	38.9





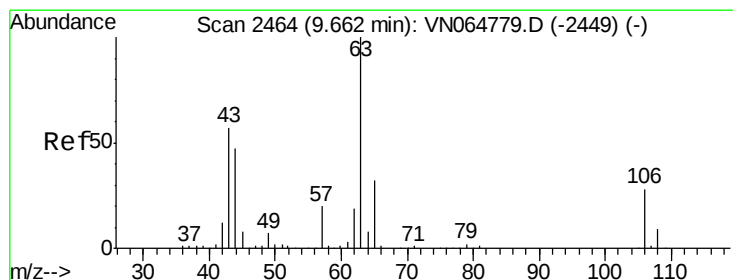
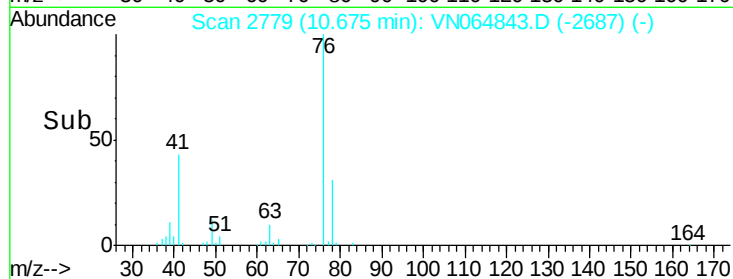
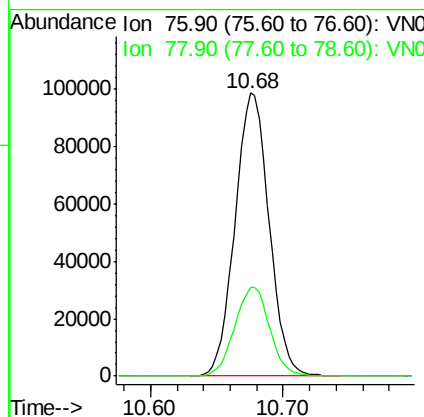
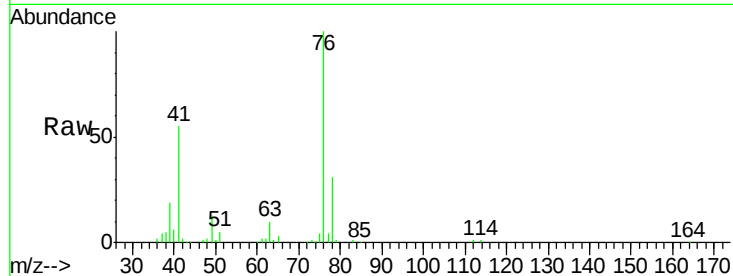
#57
 1,3-Dichloropropane
 Concen: 51.074 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064843.D
 Acq: 25 Nov 2020 5:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 175814
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.1 39.1

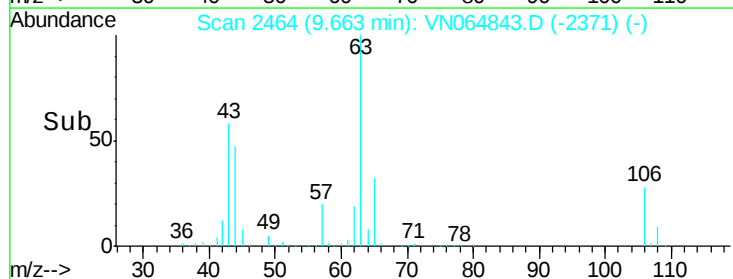
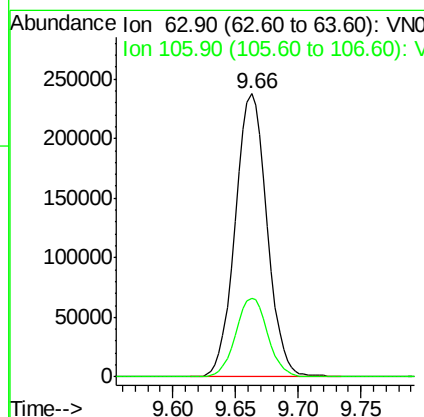
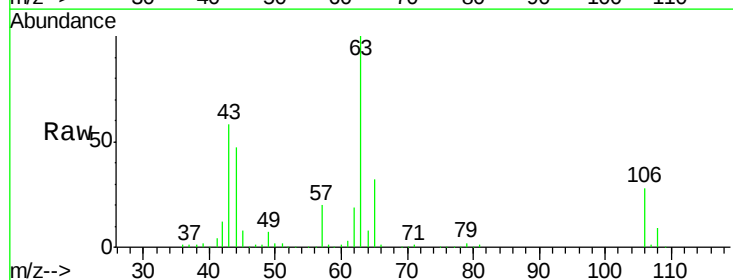
Manual Integrations
 APPROVED

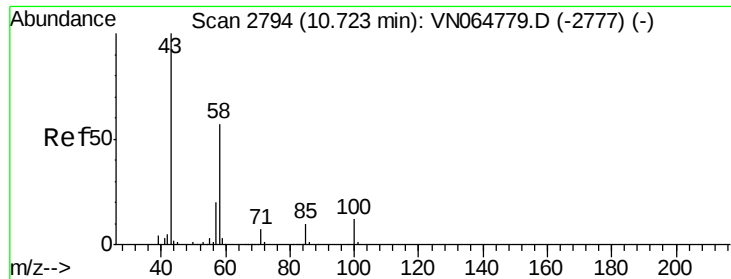
MMDadoda
 11/25/2020 9:51:50 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 264.983 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064843.D
 Acq: 25 Nov 2020 5:07

Tgt Ion: 63 Resp: 419741
 Ion Ratio Lower Upper
 63 100
 106 28.0 22.7 34.1





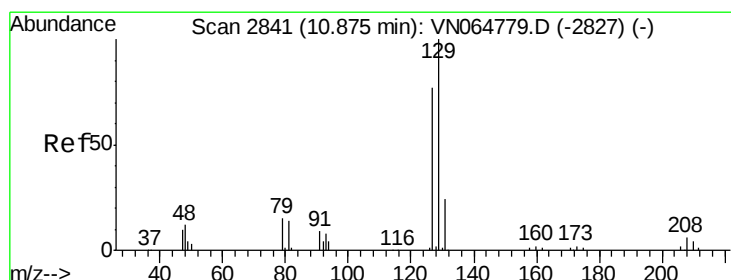
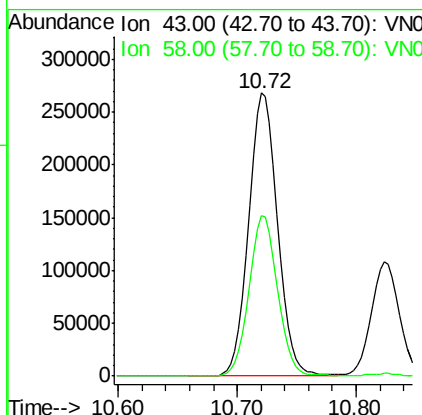
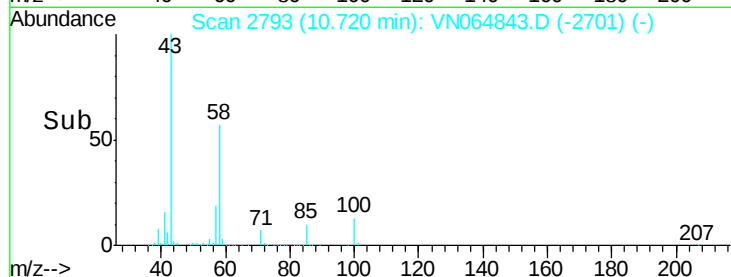
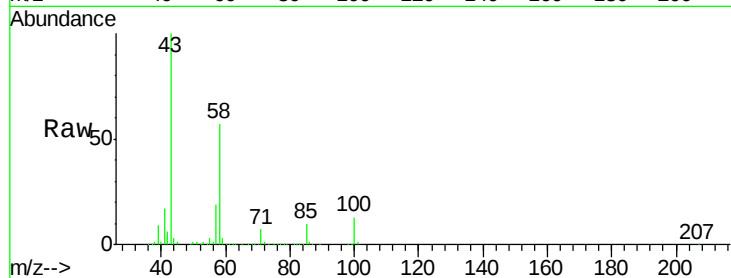
#59
2-Hexanone
Concen: 250.532 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064843.D
Acq: 25 Nov 2020 5:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 451183
Ion Ratio Lower Upper
43 100
58 56.1 28.3 84.9

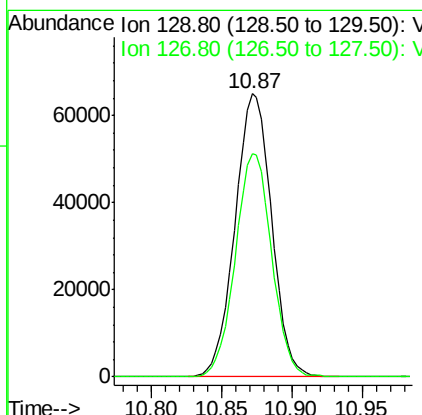
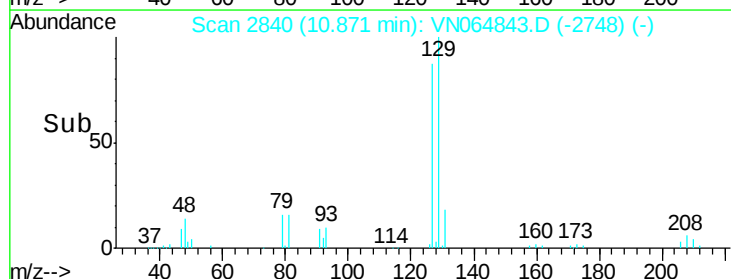
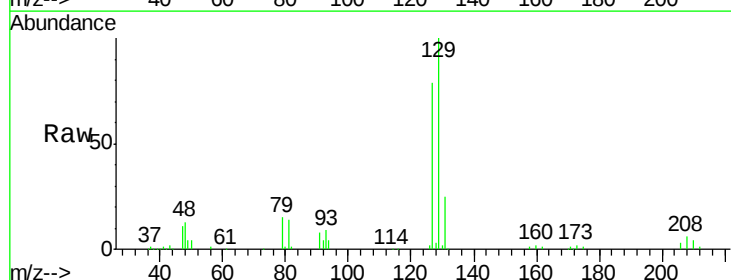
Manual Integrations
APPROVED

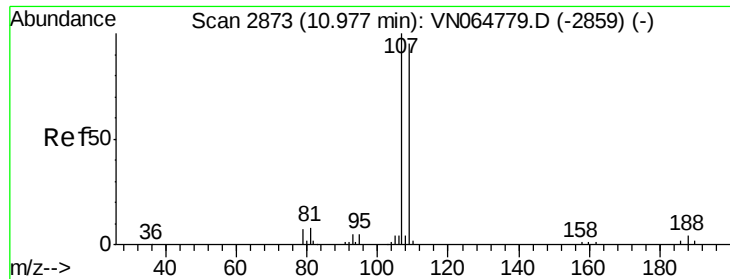
MMDadoda
11/25/2020 9:51:50 AM



#60
Dibromochloromethane
Concen: 51.024 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064843.D
Acq: 25 Nov 2020 5:07

Tgt Ion: 129 Resp: 118356
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.2





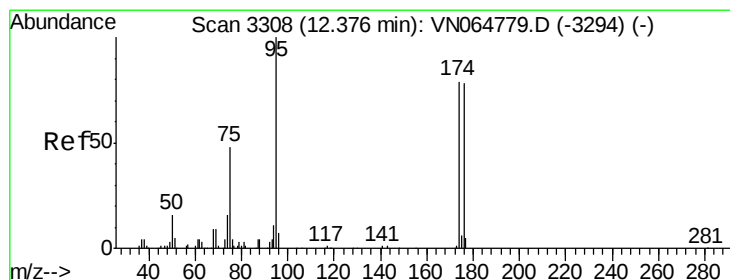
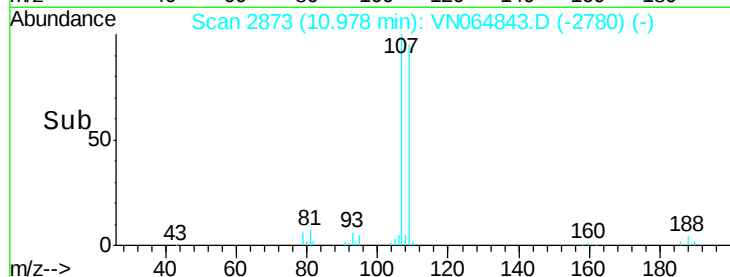
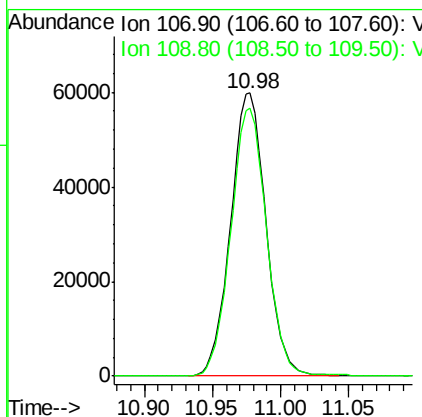
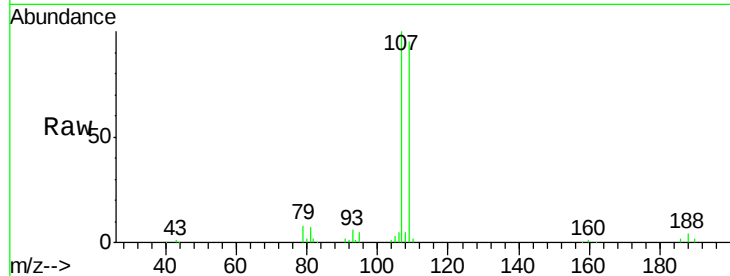
#61
 1,2-Dibromoethane
 Concen: 50.774 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064843.D
 Acq: 25 Nov 2020 5:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	107647		
109	95.2	76.0	114.0	

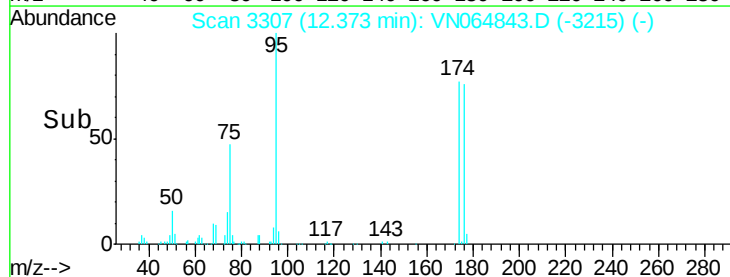
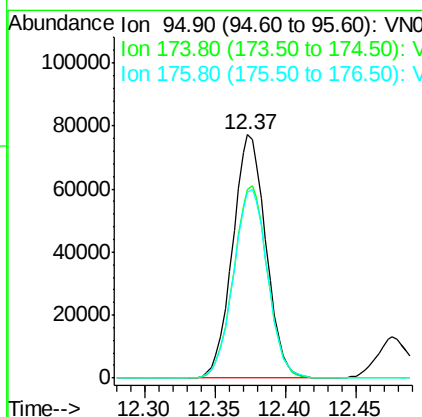
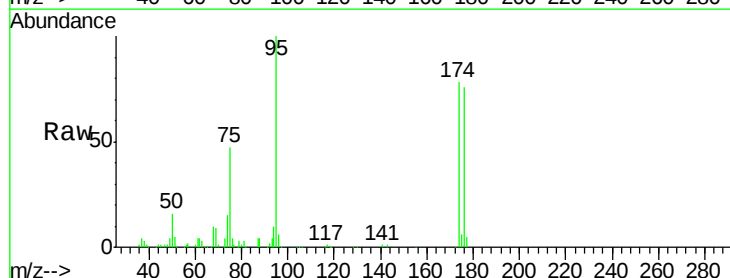
Manual Integrations
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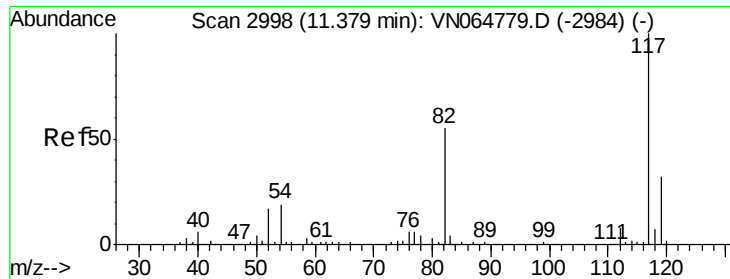
MMDadoda
 11/25/2020 9:51:50 AM



#62
 4-Bromofluorobenzene
 Concen: 50.344 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064843.D
 Acq: 25 Nov 2020 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	127797		
174	80.5	0.0	160.4	
176	79.5	0.0	158.4	





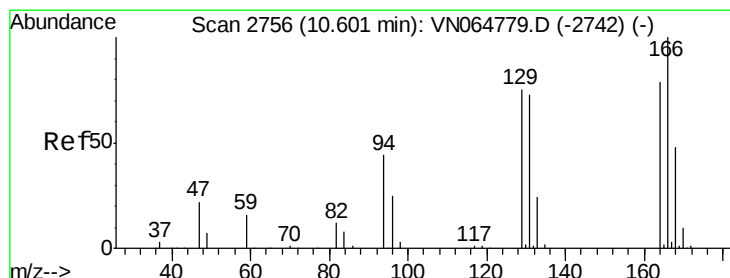
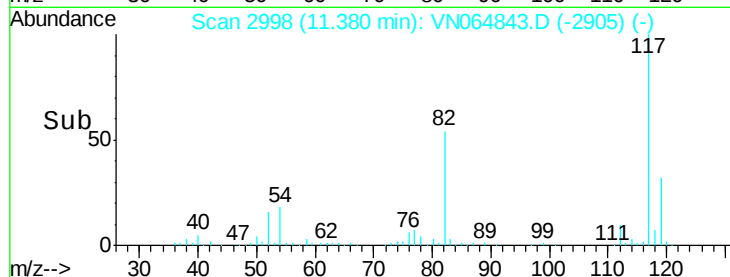
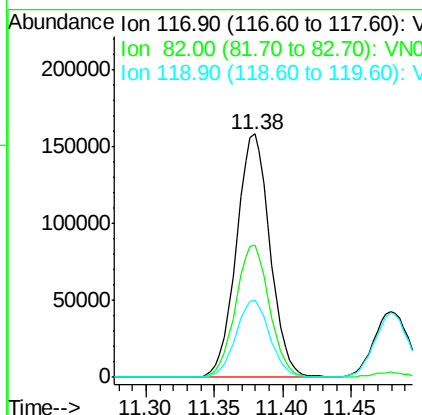
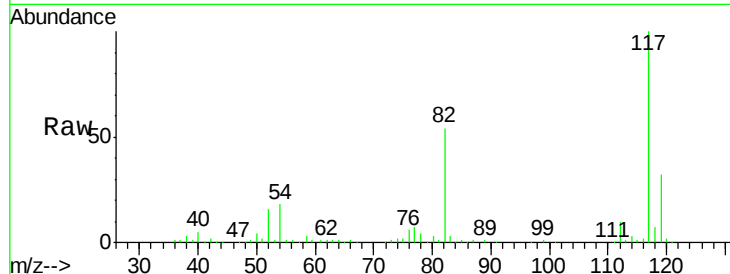
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064843.D
Acq: 25 Nov 2020 5:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	44.2	66.2
119	31.6	25.8	38.6

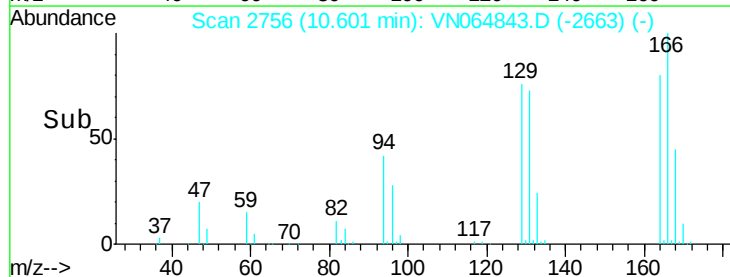
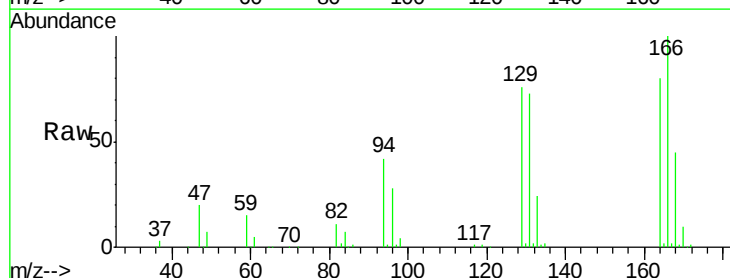
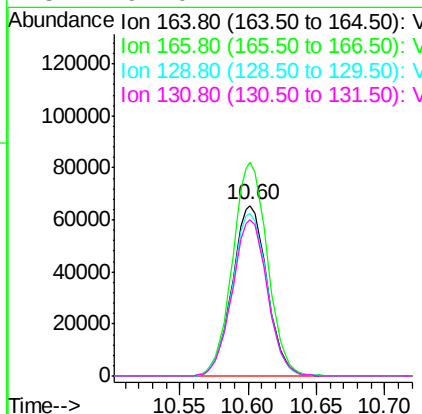
Manual Integrations
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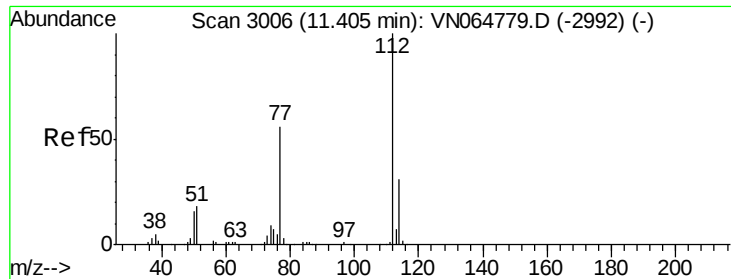
MMDadoda
11/25/2020 9:51:50 AM



#64
Tetrachloroethene
Concen: 43.693 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064843.D
Acq: 25 Nov 2020 5:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.3	101.4	152.0
129	95.7	76.1	114.1
131	92.0	74.2	111.2





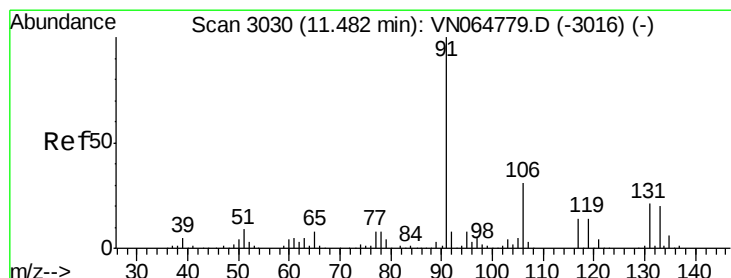
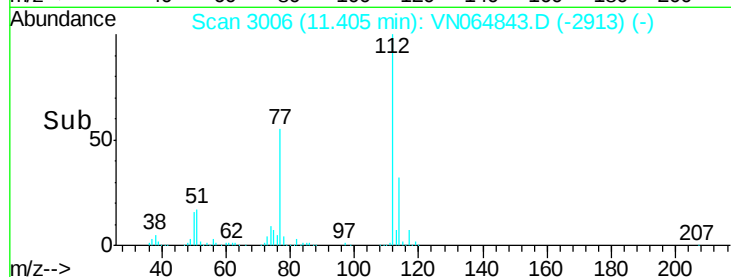
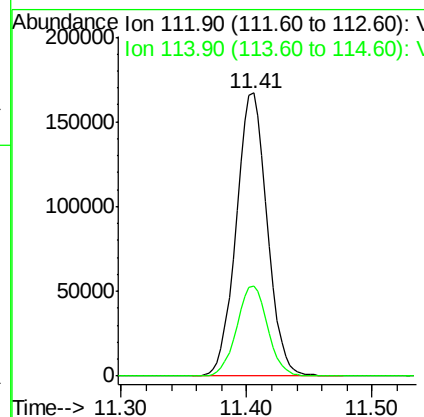
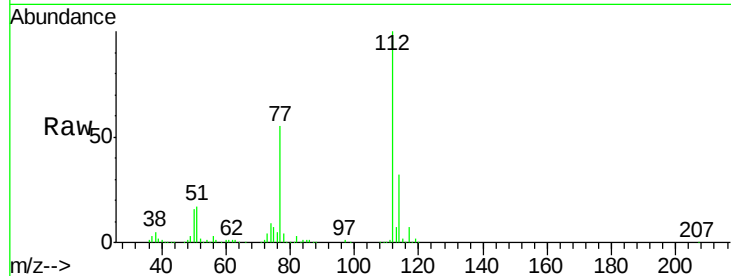
#65
Chlorobenzene
Concen: 49.027 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064843.D
Acq: 25 Nov 2020 5:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
112	100	285781		
114	32.1	25.1	37.7	

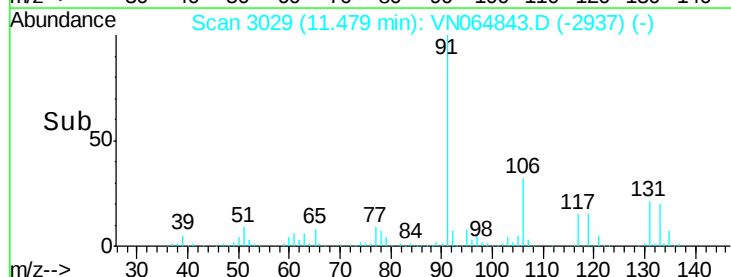
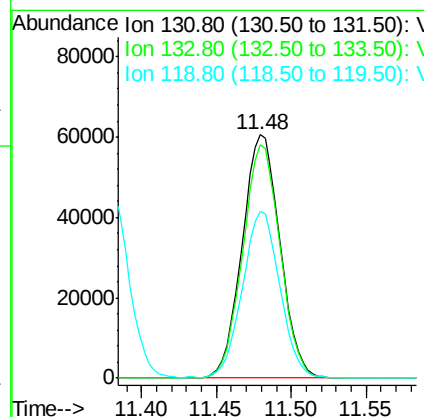
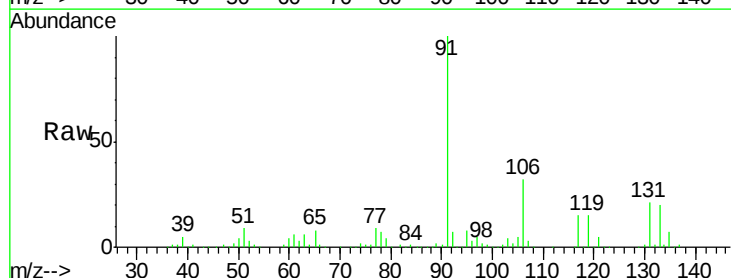
Manual Integrations
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.890 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064843.D
Acq: 25 Nov 2020 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	106874		
133	94.7	47.5	142.5	
119	67.7	33.3	99.8	





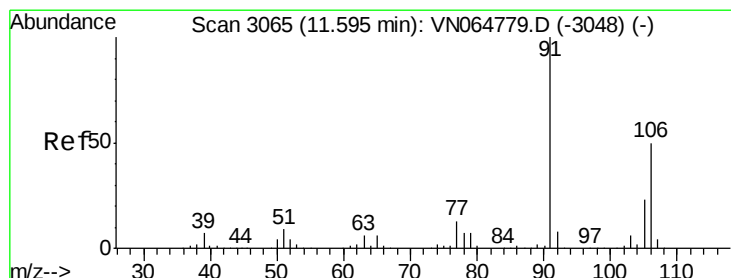
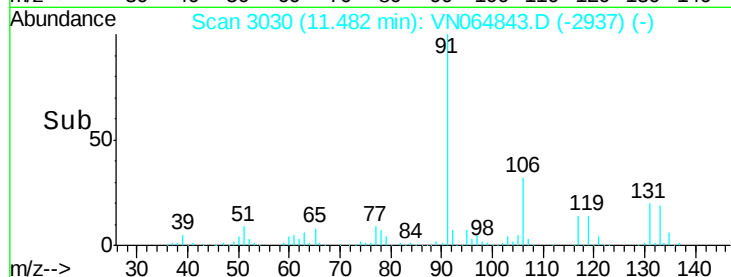
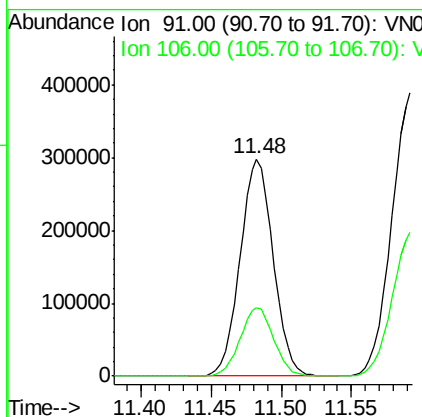
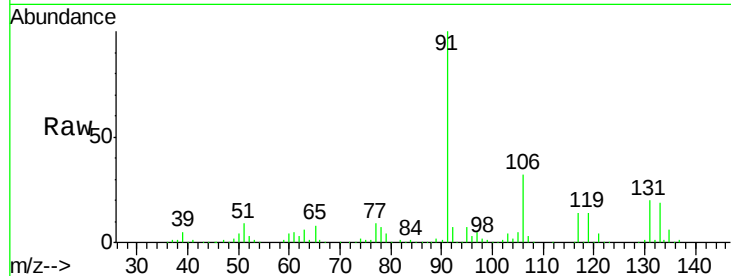
#67
Ethyl Benzene
Concen: 50.290 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064843.D
Acq: 25 Nov 2020 5:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 489712
Ion Ratio Lower Upper
91 100
106 31.8 25.2 37.8

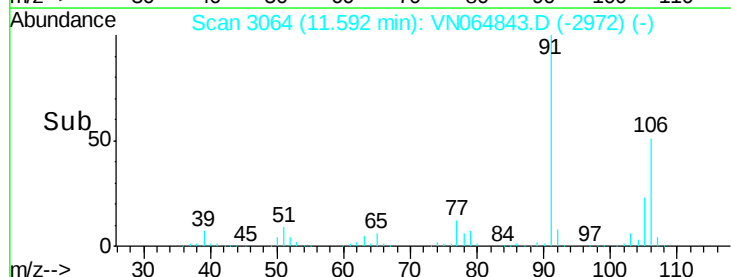
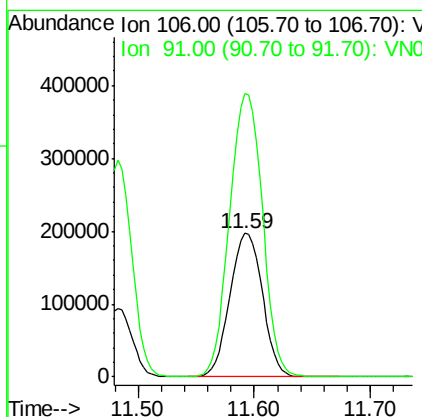
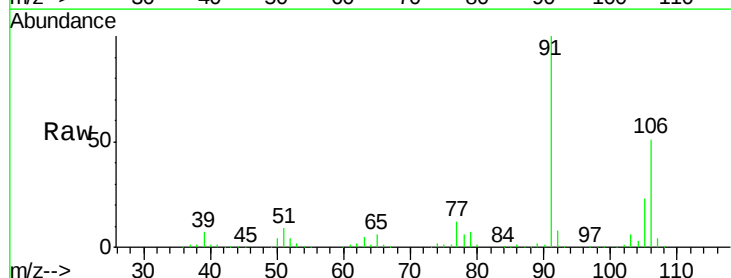
Manual Integrations
APPROVED

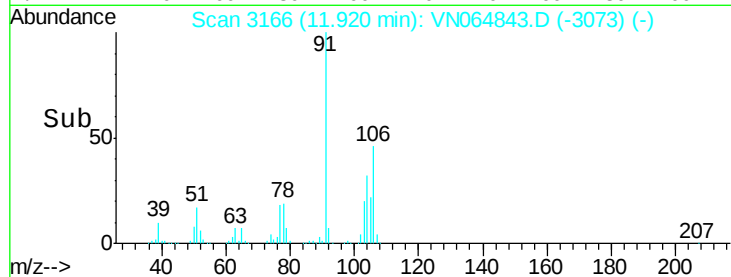
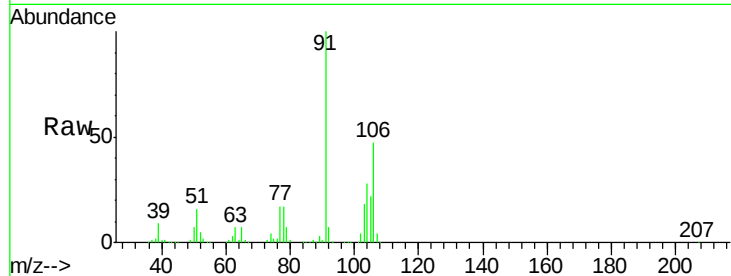
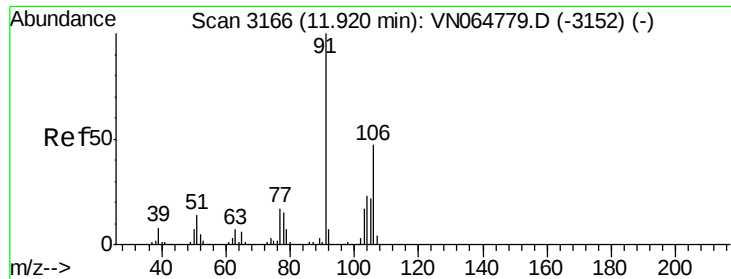
MMDadoda
11/25/2020 9:51:50 AM



#68
m/p-Xylenes
Concen: 103.757 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064843.D
Acq: 25 Nov 2020 5:07

Tgt Ion: 106 Resp: 382534
Ion Ratio Lower Upper
106 100
91 199.8 161.0 241.4





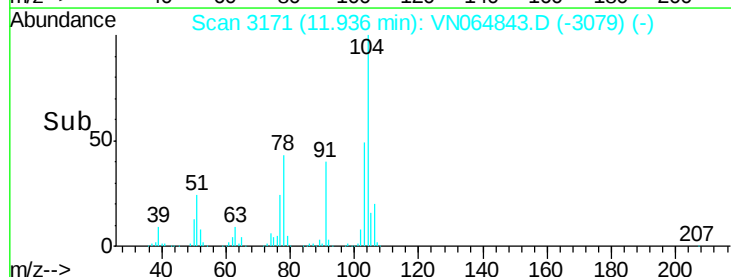
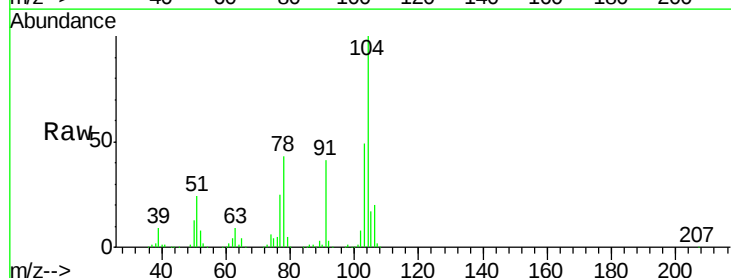
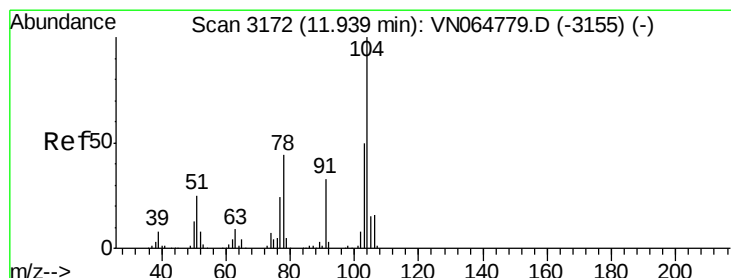
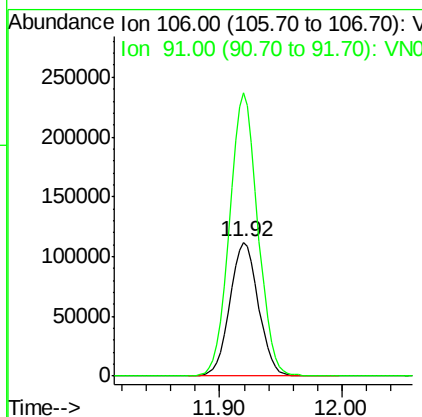
#69
o-Xylene
Concen: 52.265 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064843.D
Acq: 25 Nov 2020 5:07

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	182853		
91	209.6	105.5	316.5		

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

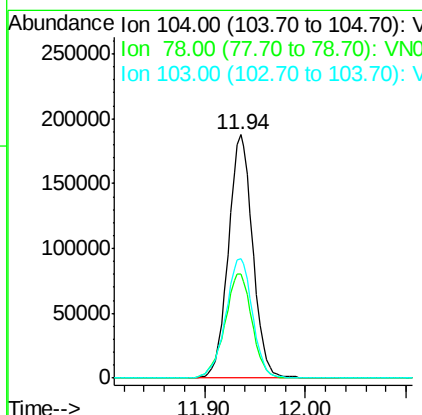
Manual Integrations
APPROVED

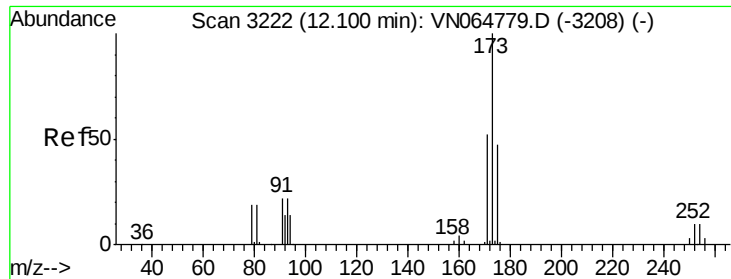
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11/25/2020 9:51:50 AM



#70
Styrene
Concen: 53.582 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064843.D
Acq: 25 Nov 2020 5:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	316465		
78	47.7	39.0	58.6		
103	53.7	44.3	66.5		





#71

Bromoform

Concen: 47.757 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064843.D

Acq: 25 Nov 2020 5:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 81712

Ion Ratio Lower Upper

173 100

175 48.2 24.3 72.8

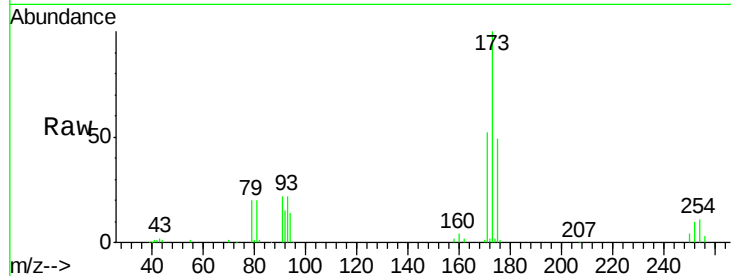
254 0.0 0.0 0.0

Manual Integrations

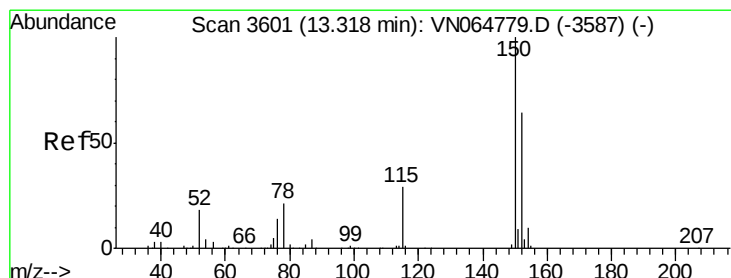
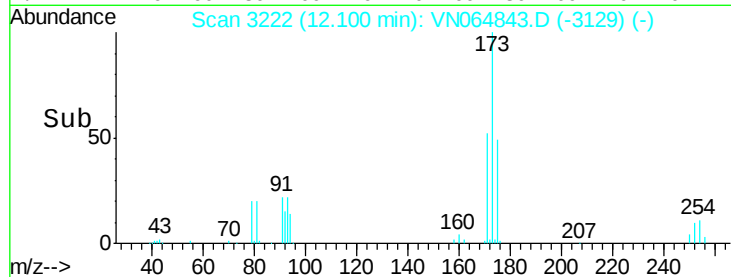
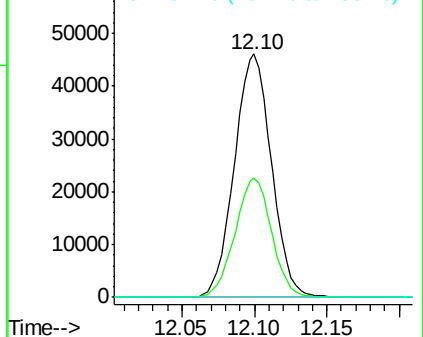
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064843.D

Acq: 25 Nov 2020 5:07

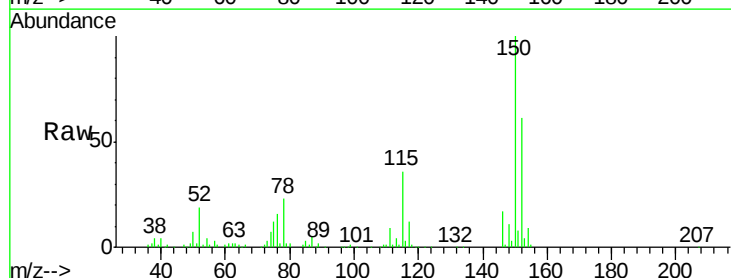
Tgt Ion:152 Resp: 131168

Ion Ratio Lower Upper

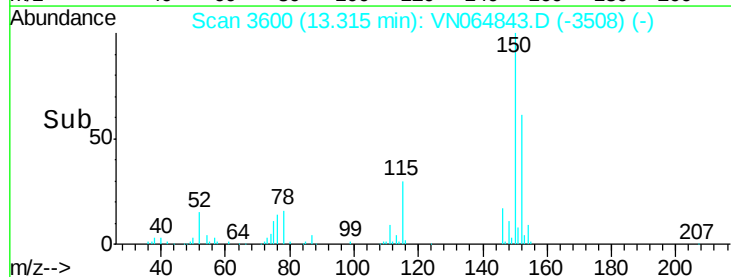
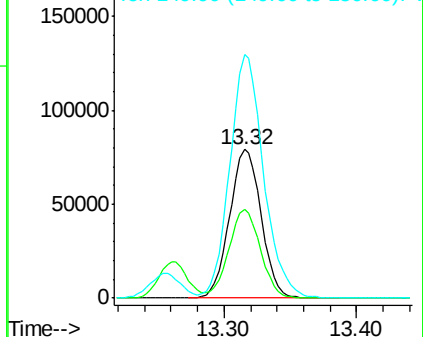
152 100

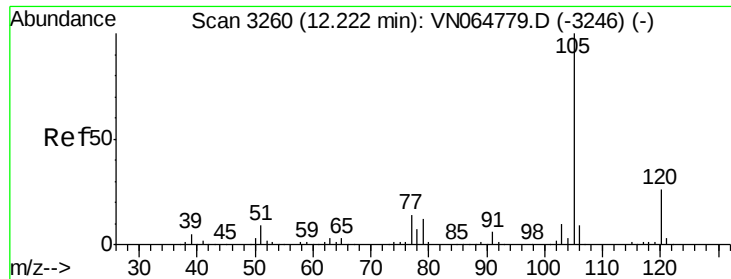
115 58.9 29.7 89.1

150 174.1 0.0 350.6



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: 53.282 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064843.D

Acq: 25 Nov 2020 5:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 486131

Ion Ratio Lower Upper

105 100

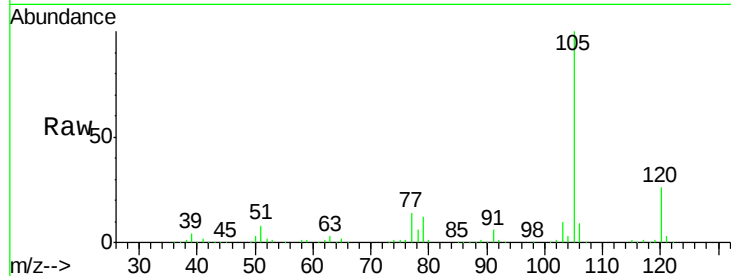
120 26.4 13.3 39.9

Manual Integrations

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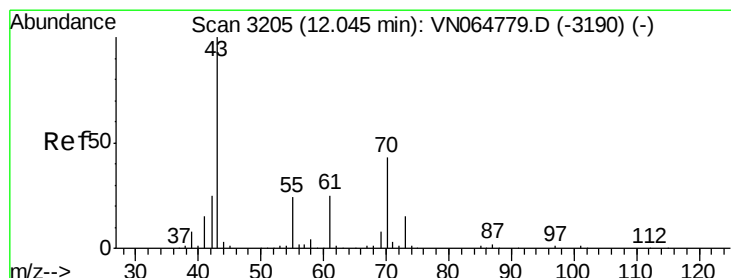
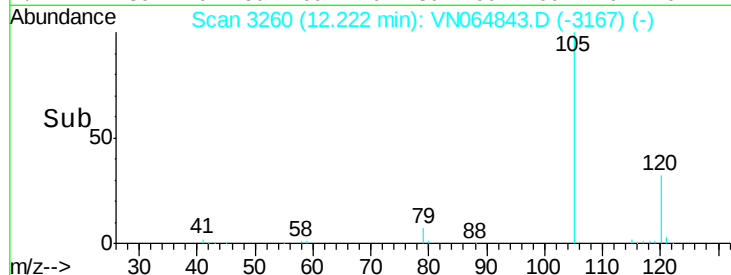
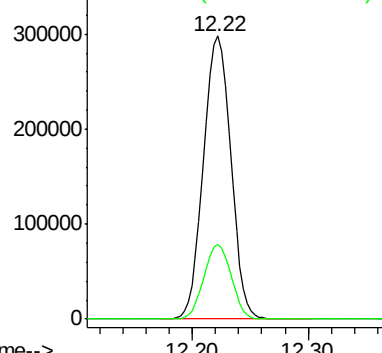
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.784 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064843.D

Acq: 25 Nov 2020 5:07

Tgt Ion: 43 Resp: 178751

Ion Ratio Lower Upper

43 100

70 44.6 34.5 51.7

55 26.1 20.4 30.6

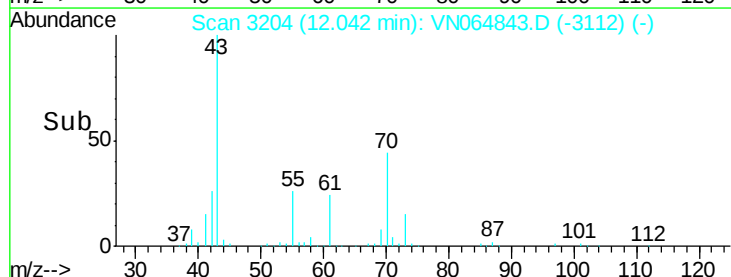
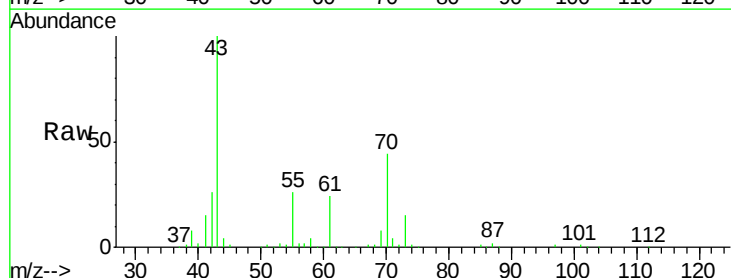
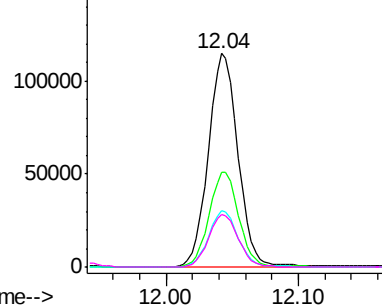
61 24.7 20.0 30.0

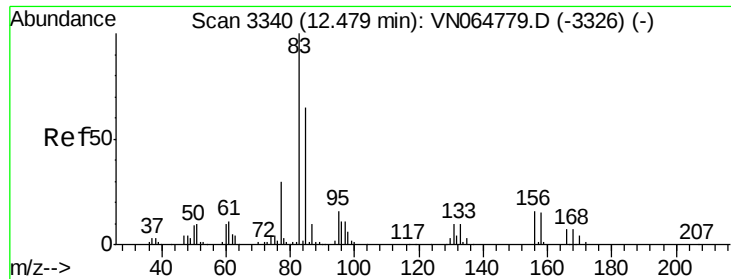
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 51.146 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064843.D

Acq: 25 Nov 2020 5:07

Instrument :

MSVOA_N

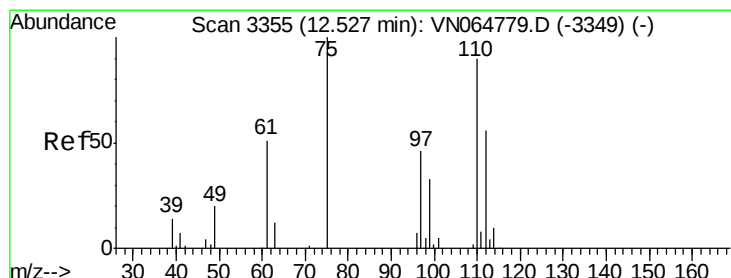
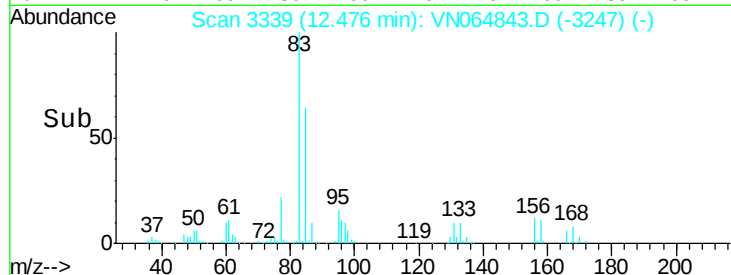
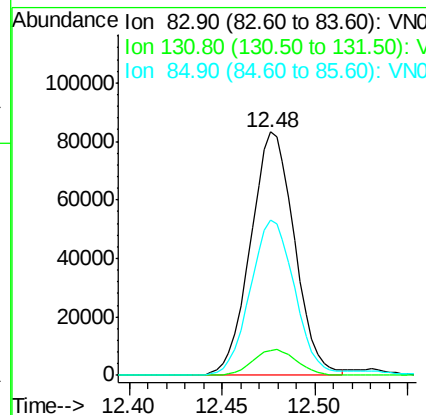
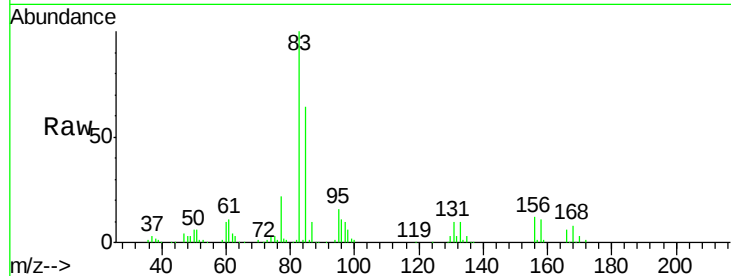
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	136774
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.1	15.3
85	64.5	33.0	99.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.325 ug/l m

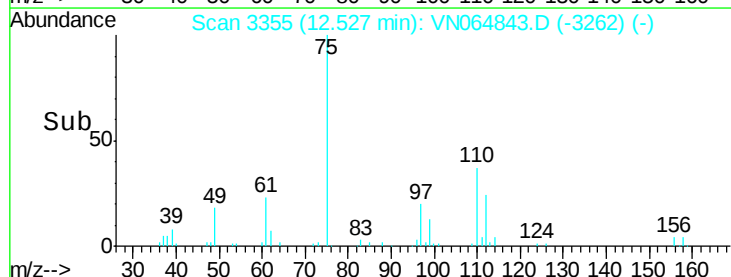
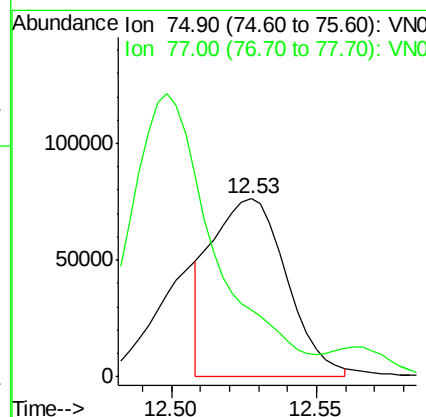
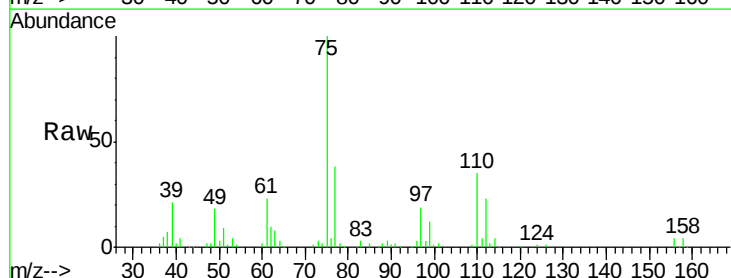
RT: 12.53 min Scan# 3355

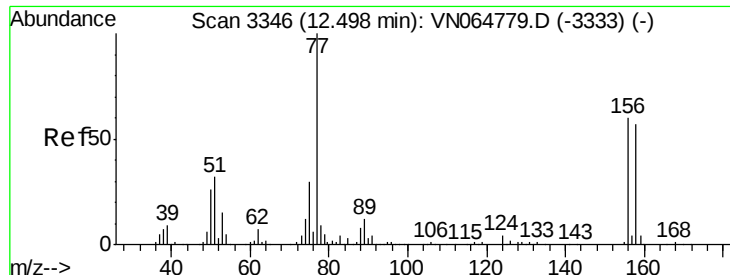
Delta R.T. 0.00 min

Lab File: VN064843.D

Acq: 25 Nov 2020 5:07

Tgt Ion:	75	Resp:	136508
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.004 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064843.D

Acq: 25 Nov 2020 5:07

Instrument :

MSVOA_N

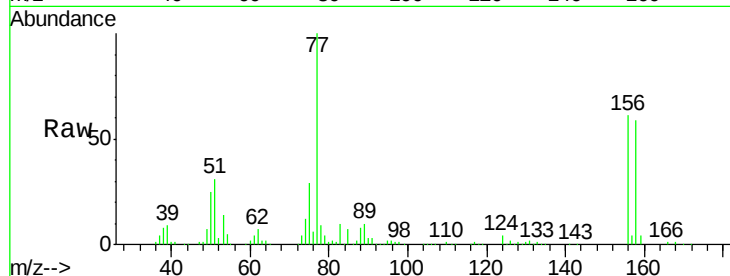
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	122997
Ion Ratio	Lower	Upper	
156	100		
77	202.6	101.3	303.7
158	97.6	48.2	144.6

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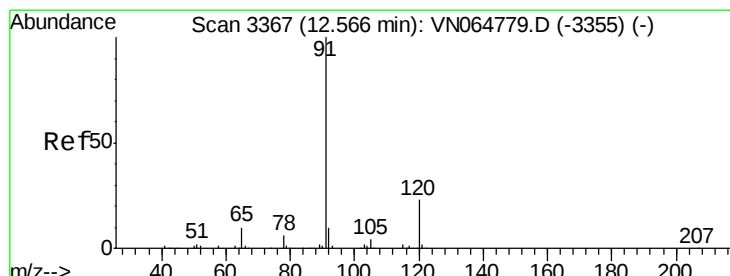
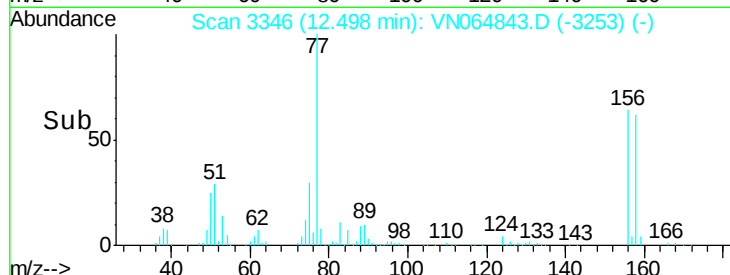
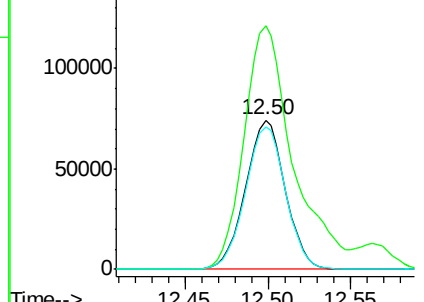
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.319 ug/l

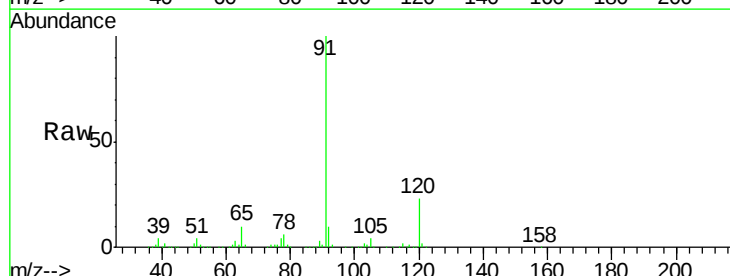
RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064843.D

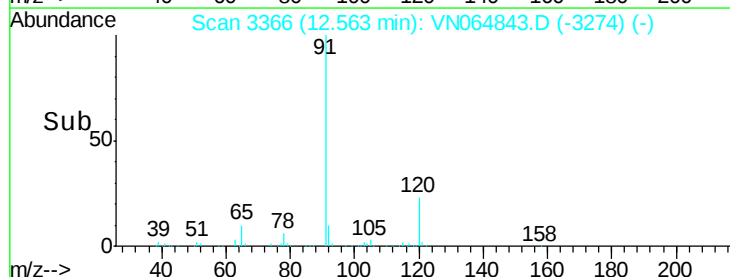
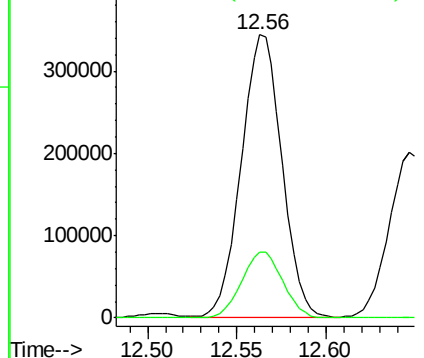
Acq: 25 Nov 2020 5:07

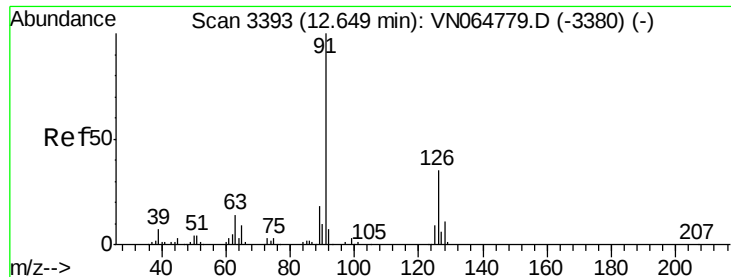
Tgt Ion:	91	Resp:	543785
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.6	34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.937 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064843.D

Acq: 25 Nov 2020 5:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 327257

Ion Ratio Lower Upper

91 100

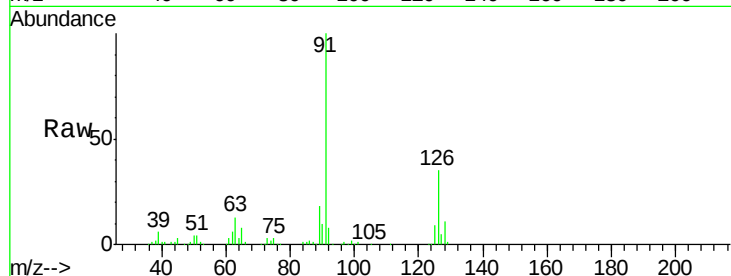
126 35.0 17.2 51.6

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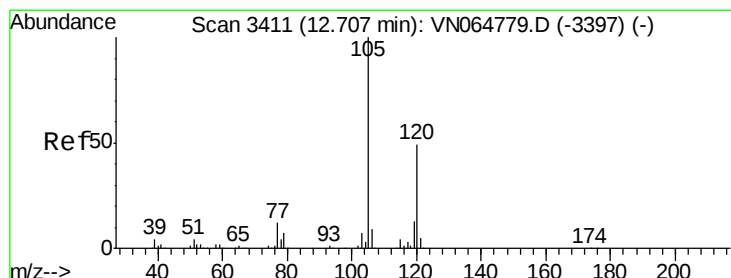
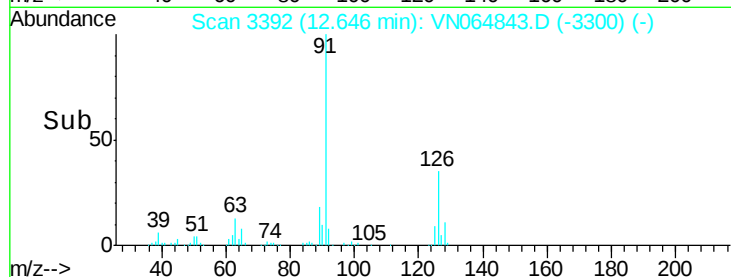
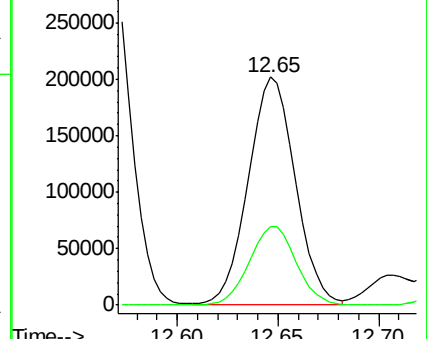
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Abundance Ion 91.00 (90.70 to 91.70): VN064779.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN064779.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.732 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064843.D

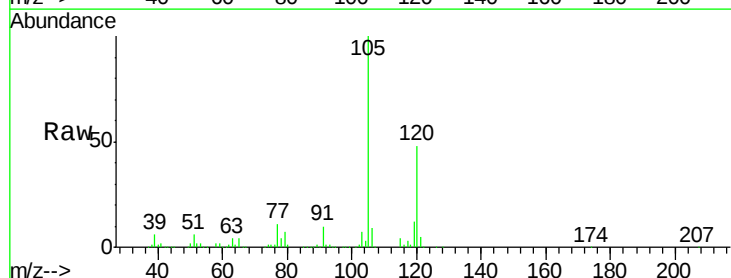
Acq: 25 Nov 2020 5:07

Tgt Ion: 105 Resp: 415062

Ion Ratio Lower Upper

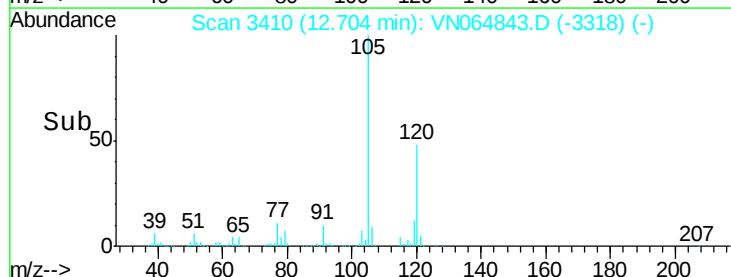
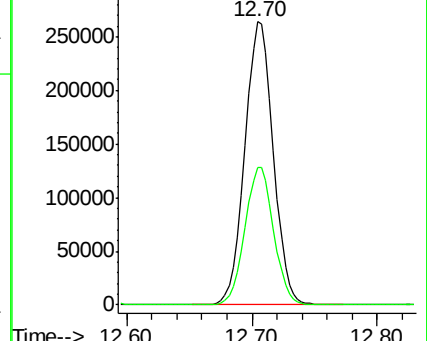
105 100

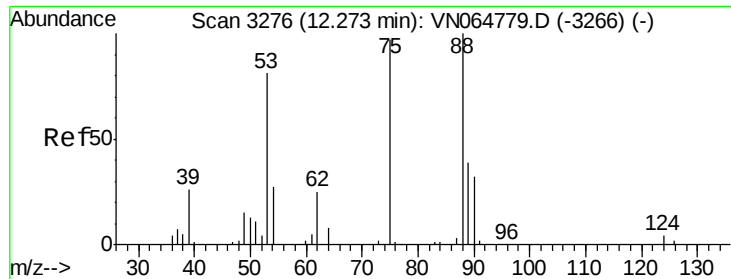
120 49.1 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VN064779.D (-3397) (-)

Ion 120.00 (119.70 to 120.70): VN064779.D (-3397) (-)





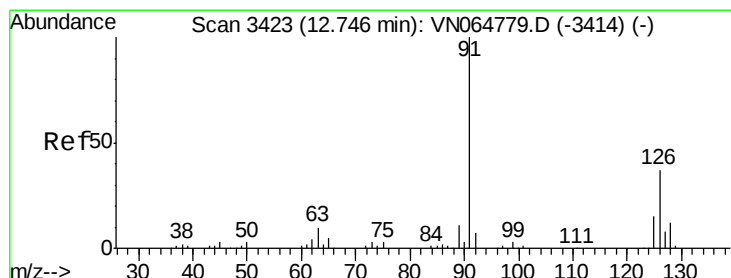
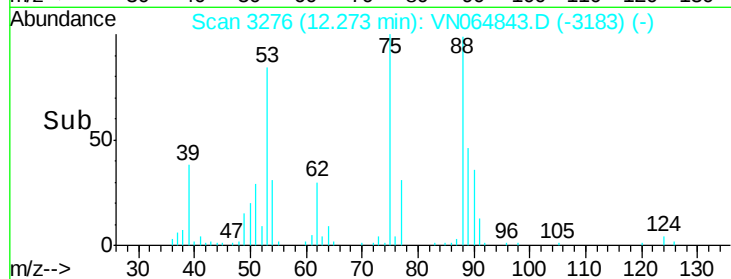
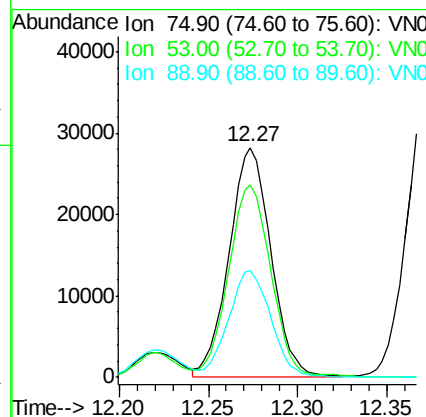
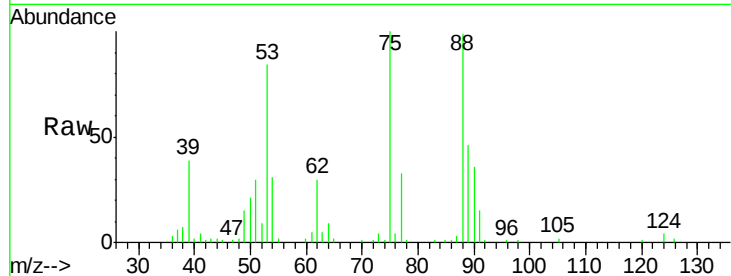
#81
trans-1,4-Dichloro-2-butene
Concen: 44.724 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064843.D
Acq: 25 Nov 2020 5:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	84.9	67.0	100.4
89	46.6	39.6	59.4

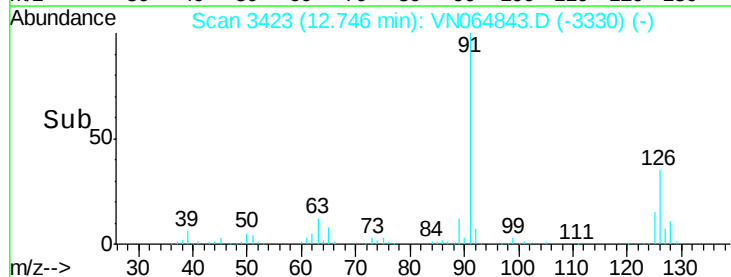
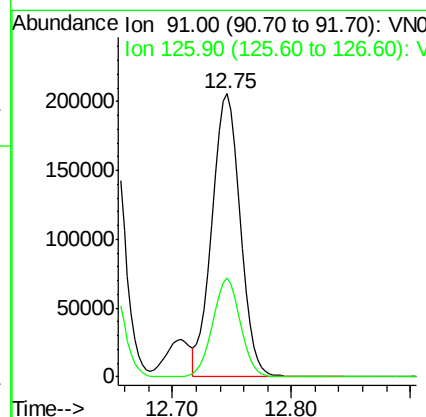
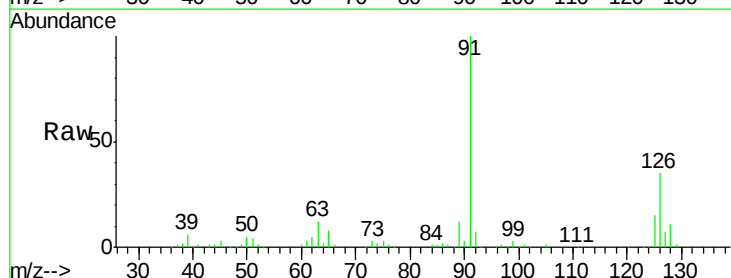
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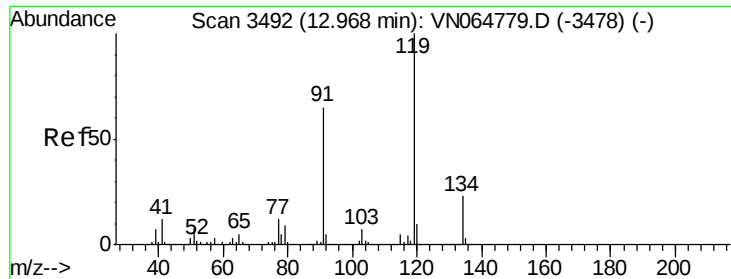
MMDadoda
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#82
4-Chlorotoluene
Concen: 50.399 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064843.D
Acq: 25 Nov 2020 5:07

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.0	16.9	50.7





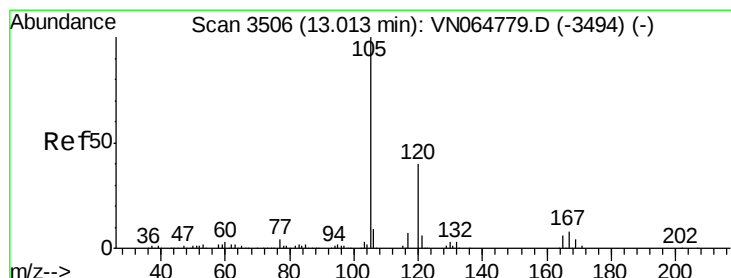
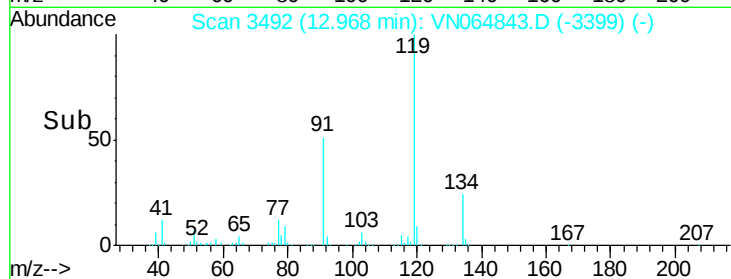
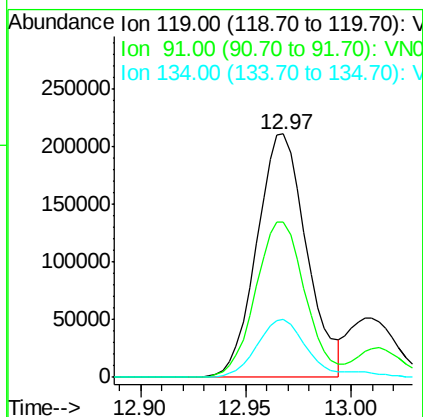
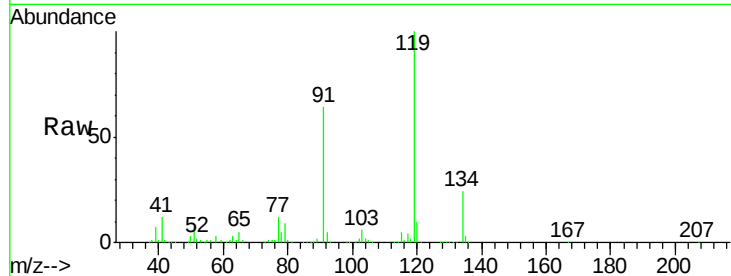
#83
 tert-Butylbenzene
 Concen: 54.721 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064843.D
 Acq: 25 Nov 2020 5:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	347830		
91	63.5		32.3	96.8
134	24.8		12.6	37.6

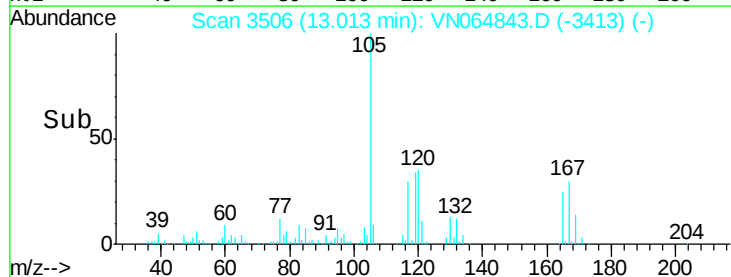
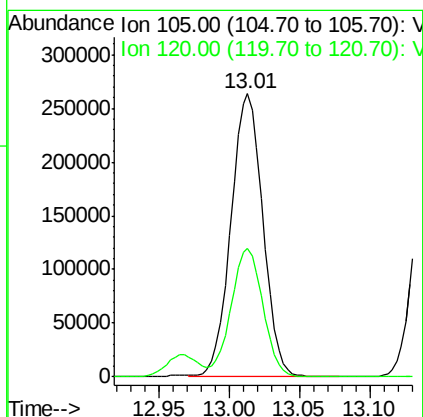
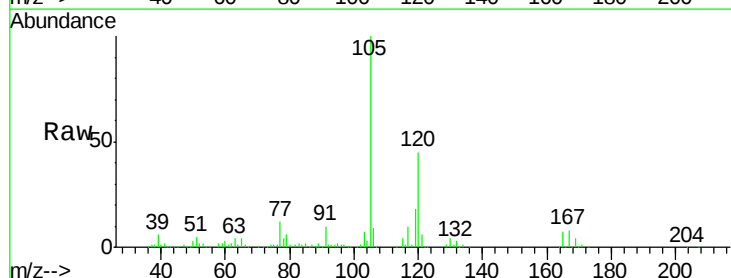
Manual Integrations
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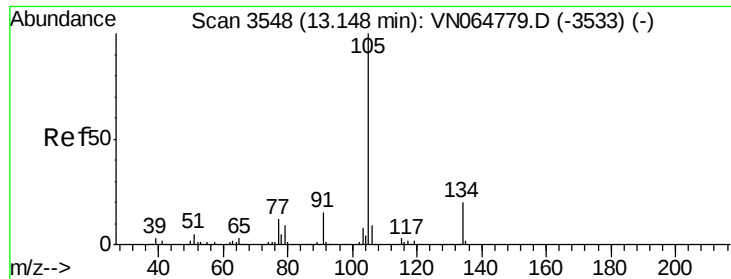
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.354 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064843.D
 Acq: 25 Nov 2020 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	416759		
120	45.6		23.1	69.2





#85

sec-Butylbenzene

Concen: 54.136 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064843.D

Acq: 25 Nov 2020 5:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 456891

Ion Ratio Lower Upper

105 100

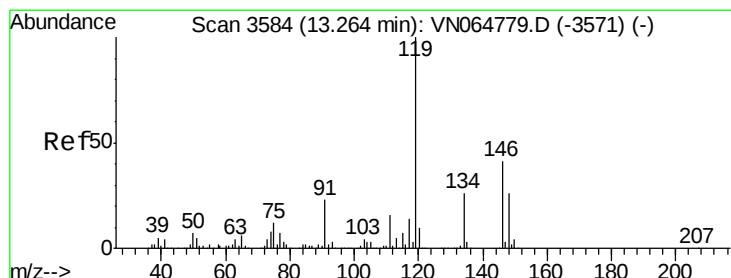
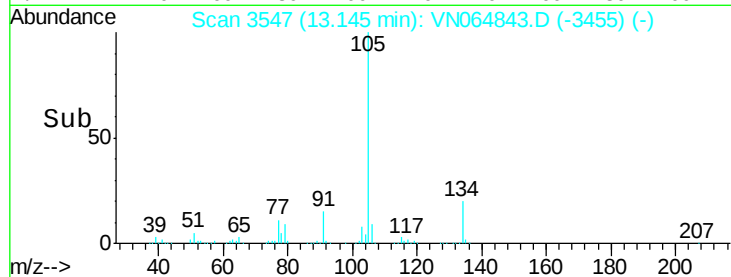
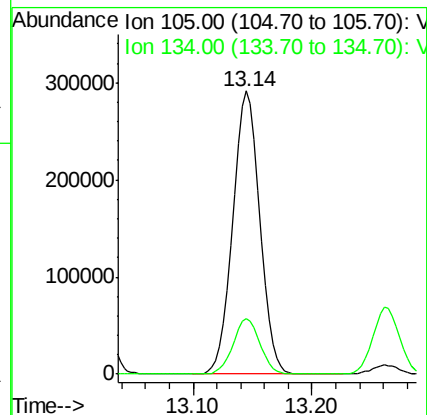
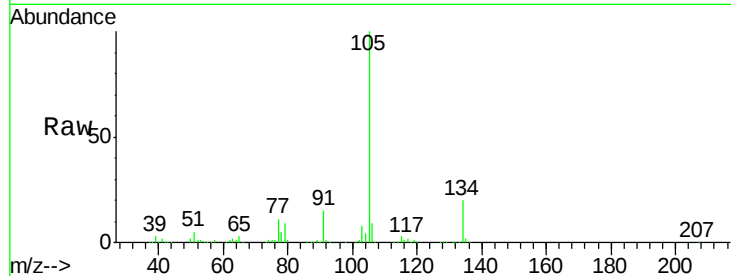
134 19.6 10.1 30.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 54.387 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064843.D

Acq: 25 Nov 2020 5:07

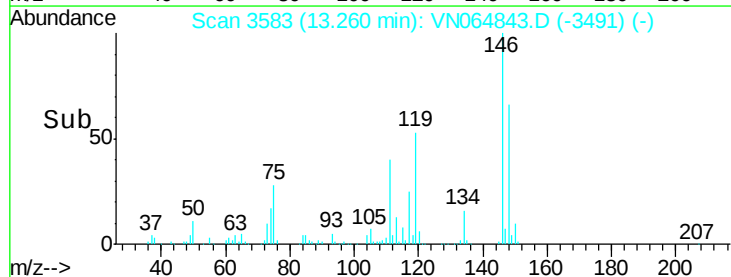
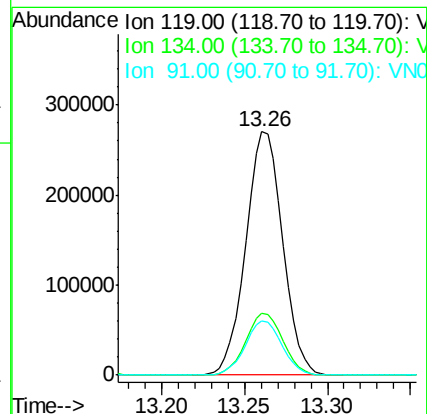
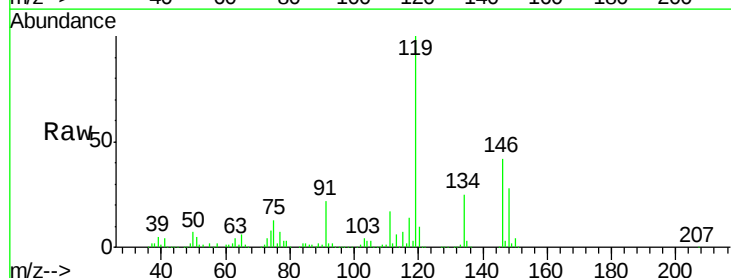
Tgt Ion:119 Resp: 417893

Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.1

91 22.3 11.5 34.5





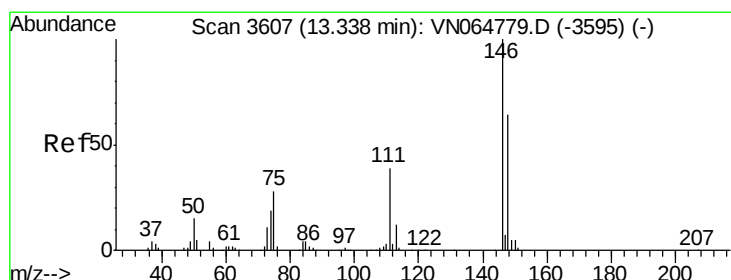
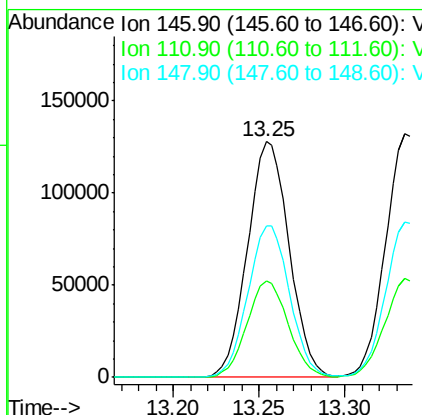
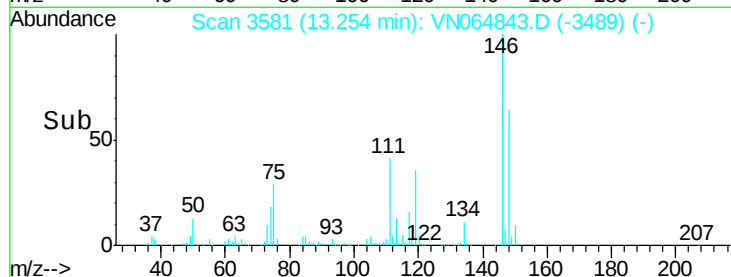
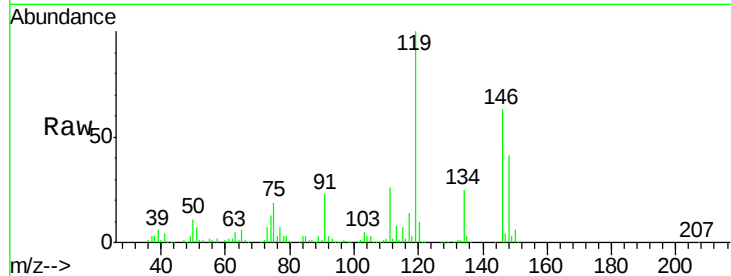
#87
 1,3-Dichlorobenzene
 Concen: 49.221 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064843.D
 Acq: 25 Nov 2020 5:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	215099		
111	40.6	20.6	61.9	
148	64.4	31.9	95.5	

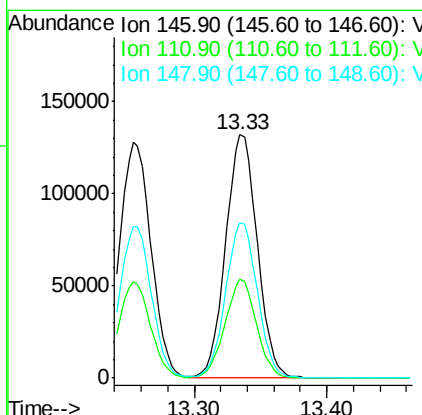
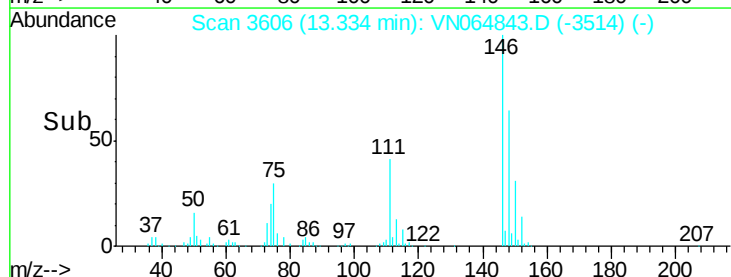
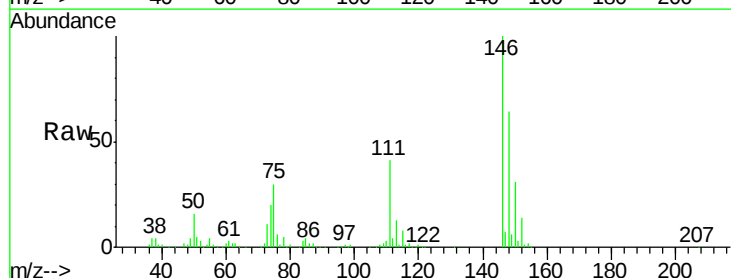
Manual Integrations
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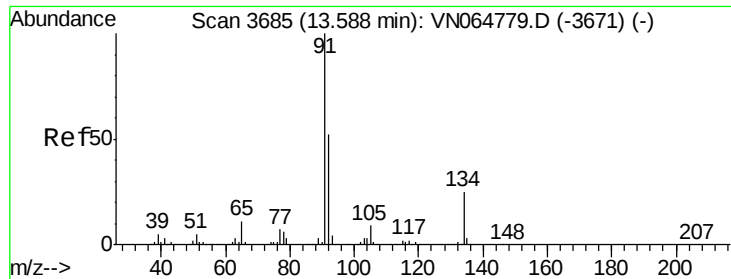
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#88
 1,4-Dichlorobenzene
 Concen: 47.225 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064843.D
 Acq: 25 Nov 2020 5:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	218256		
111	40.2	19.8	59.3	
148	64.1	31.9	95.5	





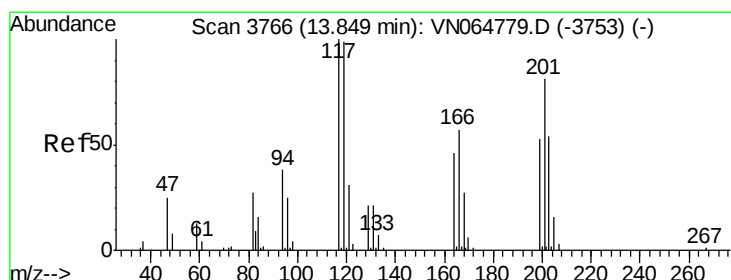
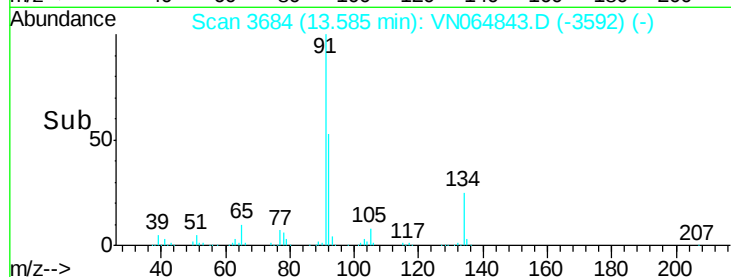
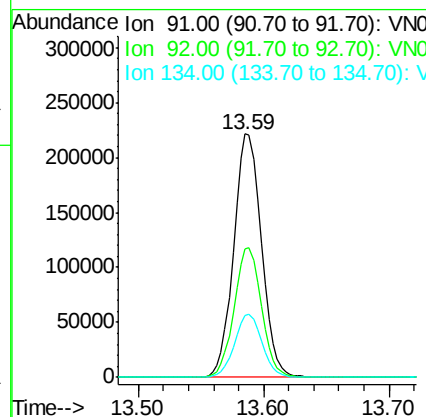
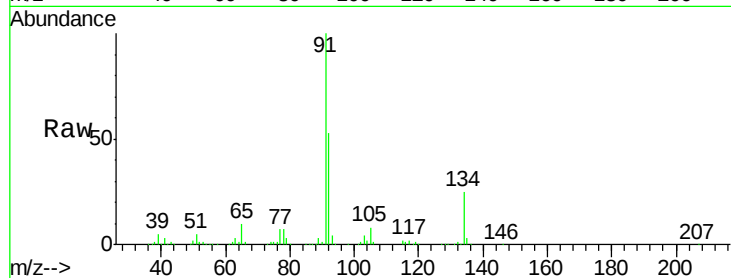
#89
n-Butylbenzene
Concen: 50.407 ug/l
RT: 13.59 min Scan# 3684
Delta R.T. -0.00 min
Lab File: VN064843.D
Acq: 25 Nov 2020 5:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.0	78.0
134	25.8	12.9	38.6

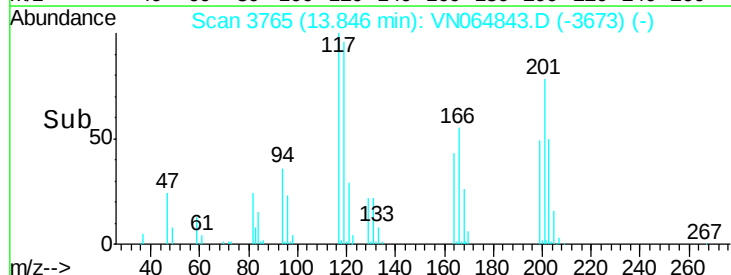
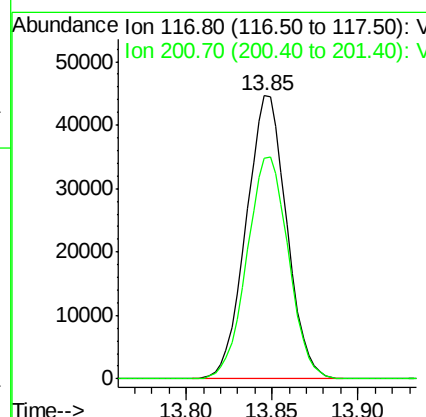
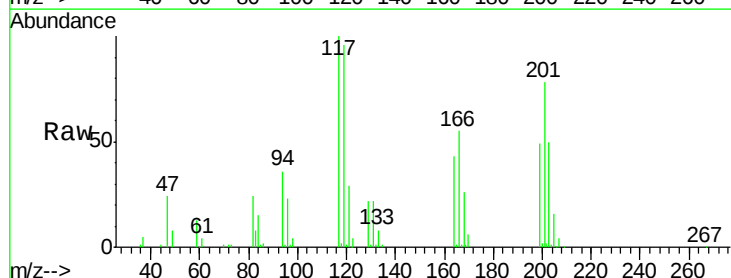
Manual Integrations
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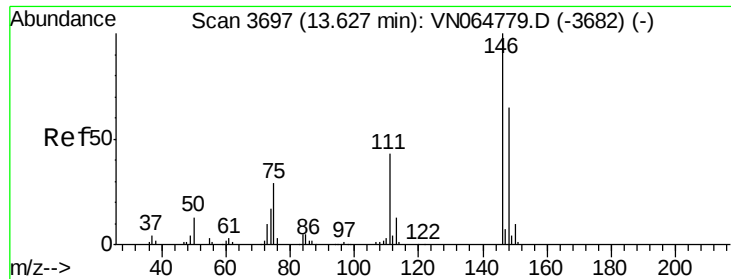
MMDadoda
11/25/2020 9:51:50 AM



#90
Hexachloroethane
Concen: 54.753 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064843.D
Acq: 25 Nov 2020 5:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.4	40.1	120.3





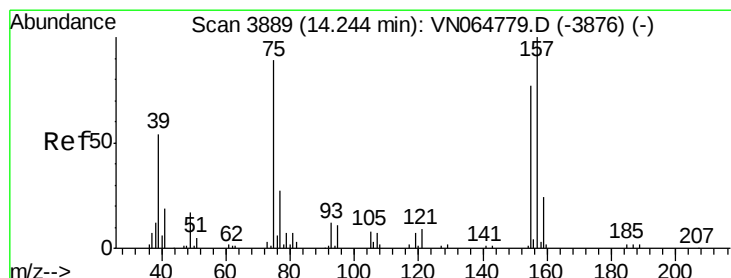
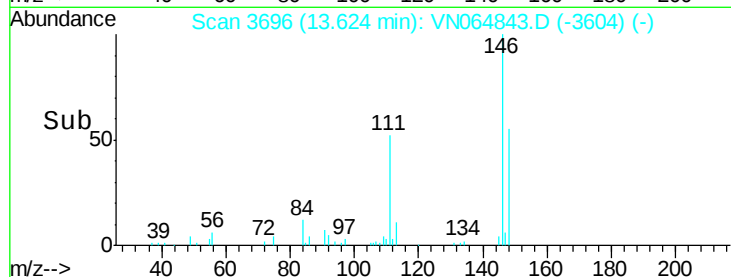
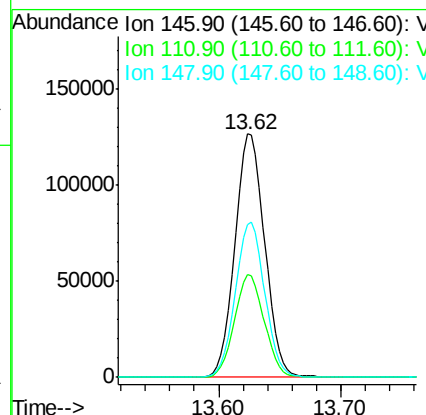
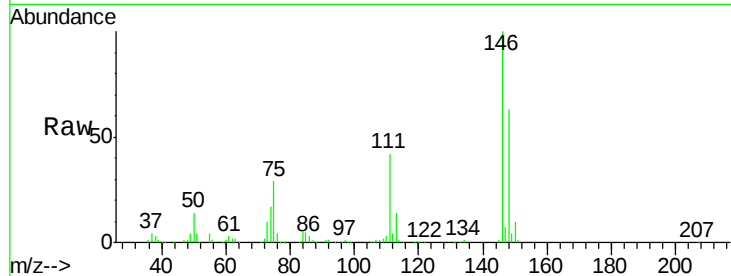
#91
 1,2-Dichlorobenzene
 Concen: 50.158 ug/l
 RT: 13.62 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN064843.D
 Acq: 25 Nov 2020 5:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.1	63.1
148	62.9	32.0	96.2

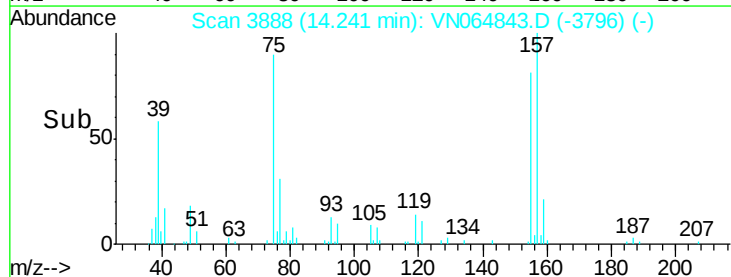
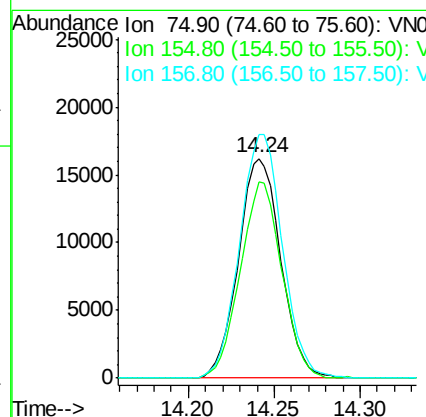
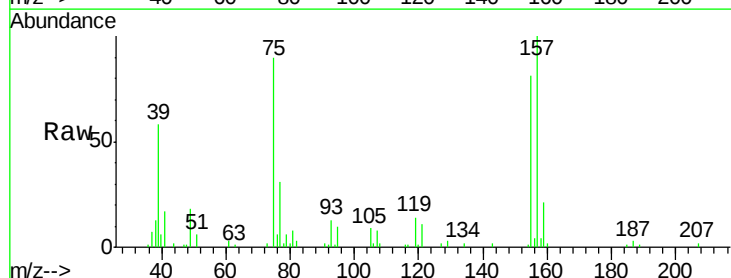
Manual Integrations
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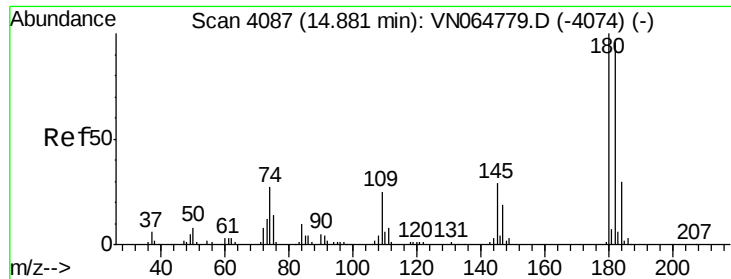
MMDadoda
 11/25/2020 9:51:50 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.125 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064843.D
 Acq: 25 Nov 2020 5:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.2	42.8	128.3
157	112.2	56.4	169.1





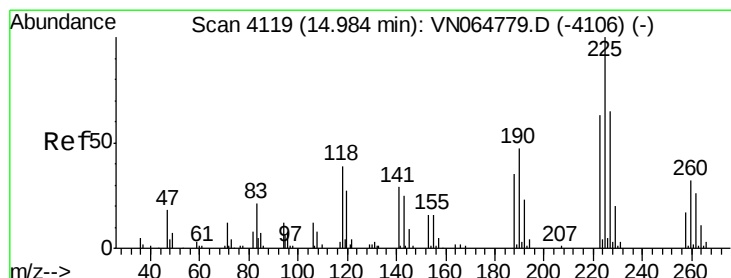
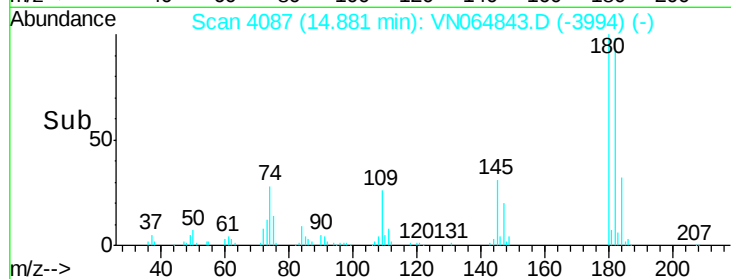
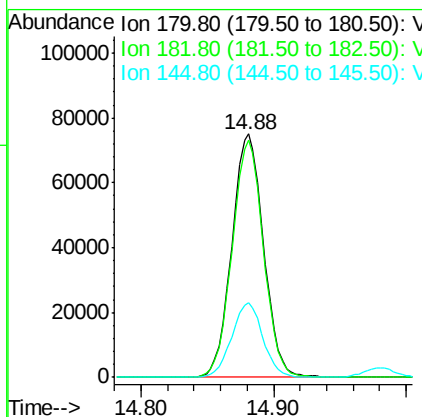
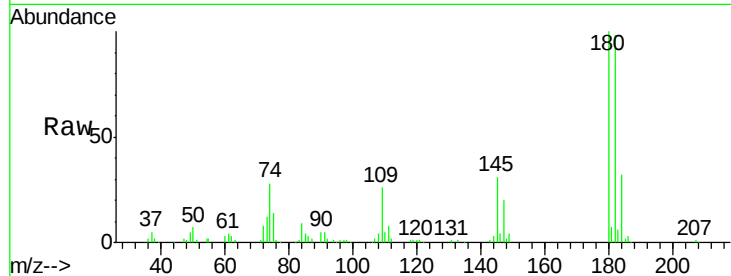
#93
 1,2,4-Trichlorobenzene
 Concen: 46.774 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064843.D
 Acq: 25 Nov 2020 5:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.6	142.9
145	30.3	15.3	45.8

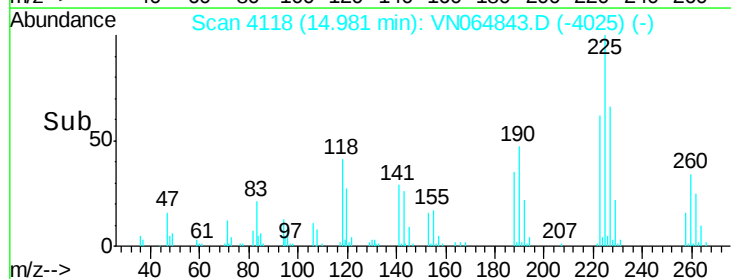
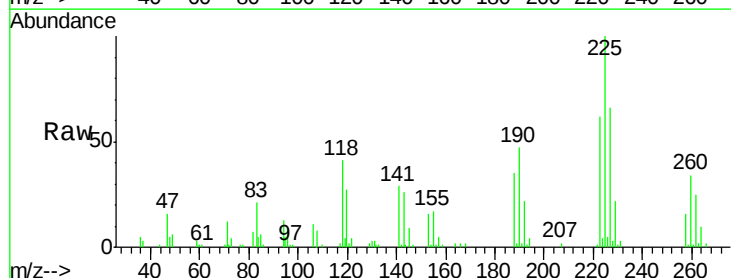
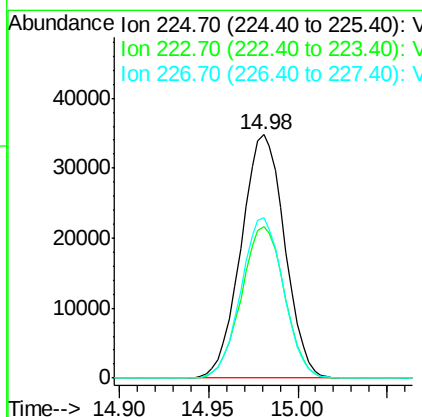
Manual Integrations
 APPROVED

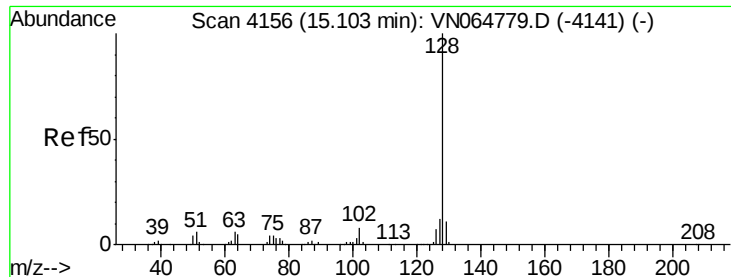
MMDadoda
 11/25/2020 9:51:50 AM



#94
 Hexachlorobutadiene
 Concen: 49.478 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064843.D
 Acq: 25 Nov 2020 5:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.0	93.0
227	64.1	32.0	96.0





#95

Naphthalene

Concen: 48.926 ug/l

RT: 15.10 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN064843.D

Acq: 25 Nov 2020 5:07

Instrument :

MSVOA_N

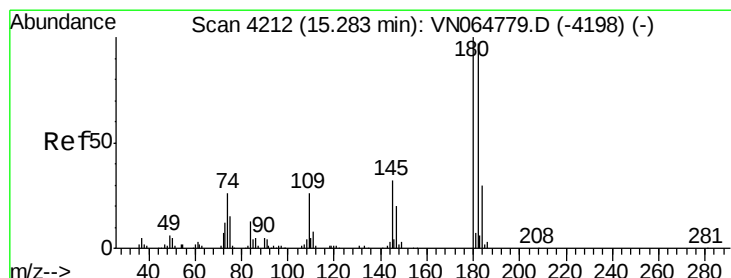
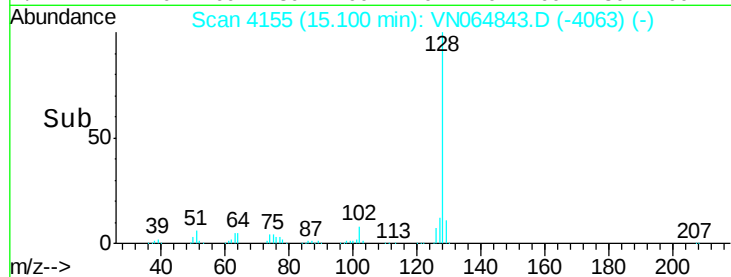
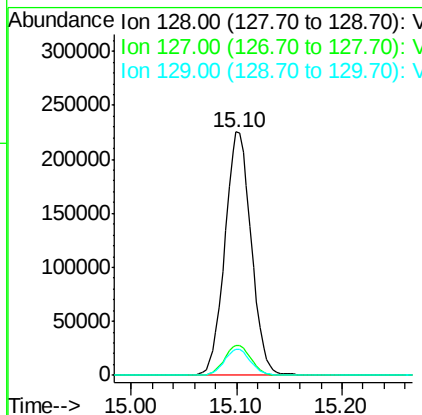
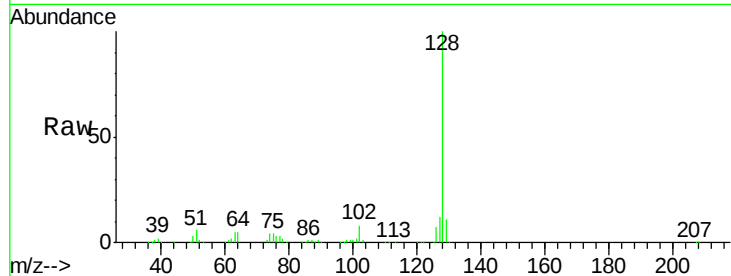
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	389076
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.3	15.5
129	10.7	8.7	13.1

Manual Integrations
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11/25/2020 9:51:50 AM



#96

1,2,3-Trichlorobenzene

Concen: 48.392 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064843.D

Acq: 25 Nov 2020 5:07

Tgt Ion:	180	Resp:	121955
Ion Ratio	Lower	Upper	
180	100		
182	96.6	48.1	144.4
145	33.3	16.4	49.1

