

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060220\
 Data File : VN061608.D
 Acq On : 2 Jun 2020 9:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/3/2020 11:32:17 AM

Quant Time: Jun 03 01:03:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	381208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	615148	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	586159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	304113	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	192831	42.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.92%	
35) Dibromofluoromethane	7.54	113	150329	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
50) Toluene-d8	10.06	98	661450	45.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.48%	
62) 4-Bromofluorobenzene	12.37	95	246264	46.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	207988	47.318	ug/l	99
3) Chloromethane	2.03	50	214724	46.182	ug/l	100
4) Vinyl Chloride	2.16	62	298442	46.840	ug/l	100
5) Bromomethane	2.53	94	182673	49.964	ug/l	99
6) Chloroethane	2.67	64	187347	45.682	ug/l	100
7) Trichlorofluoromethane	2.98	101	405537	49.358	ug/l	98
8) Diethyl Ether	3.37	74	115878	46.123	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	182586	50.078	ug/l	99
10) Methyl Iodide	3.91	142	236137	46.655	ug/l	99
11) Tert butyl alcohol	4.73	59	142544	235.954	ug/l	100
12) 1,1-Dichloroethene	3.69	96	179169	45.996	ug/l	99
13) Acrolein	3.56	56	38435	215.380	ug/l	99
14) Allyl chloride	4.27	41	233692	45.889	ug/l	98
15) Acrylonitrile	4.92	53	381706	226.368	ug/l	99
16) Acetone	3.77	43	358178	287.066	ug/l	99
17) Carbon Disulfide	4.00	76	393394	45.904	ug/l	99
18) Methyl Acetate	4.27	43	178080	43.312	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	621812	46.839	ug/l	98
20) Methylene Chloride	4.50	84	204153	49.434	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	209784	47.756	ug/l	95
22) Diisopropyl ether	5.90	45	534337	47.607	ug/l	99
23) Vinyl Acetate	5.84	43	2017205	225.492	ug/l	98
24) 1,1-Dichloroethane	5.79	63	337954	47.483	ug/l	100
25) 2-Butanone	6.78	43	505493	234.838	ug/l	97
26) 2,2-Dichloropropane	6.77	77	330507	50.736	ug/l	99
27) cis-1,2-Dichloroethene	6.77	96	243098	48.871	ug/l	99
28) Bromochloromethane	7.15	49	168092	63.281	ug/l	95
29) Tetrahydrofuran	7.16	42	302561	213.160	ug/l	97
30) Chloroform	7.32	83	384217	48.795	ug/l	99
31) Cyclohexane	7.61	56	298276	46.598	ug/l	97
32) 1,1,1-Trichloroethane	7.52	97	352677	49.155	ug/l	99
36) 1,1-Dichloropropene	7.75	75	279429	51.312	ug/l	99
37) Ethyl Acetate	6.88	43	204933	46.723	ug/l	99
38) Carbon Tetrachloride	7.73	117	293283	55.834	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	359407	53.546	ug/l	97
40) Benzene	8.00	78	849483	50.557	ug/l	99
41) Methacrylonitrile	7.13	41	98309m	48.921	ug/l	
42) 1,2-Dichloroethane	8.08	62	279484	49.684	ug/l	100
43) Isopropyl Acetate	8.12	43	367446	46.565	ug/l	97
44) Trichloroethene	8.80	130	266931	51.693	ug/l	100
45) 1,2-Dichloropropane	9.08	63	200789	50.326	ug/l	99
46) Dibromomethane	9.17	93	152948	49.984	ug/l	99
47) Bromodichloromethane	9.37	83	313103	51.646	ug/l	99
48) Methyl methacrylate	9.16	41	162014	45.634	ug/l	99
49) 1,4-Dioxane	9.16	88	60760	1104.712	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1031918	232.056	ug/l	99
52) Toluene	10.12	92	577862	52.693	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	342365	52.423	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	361058	51.417	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	220667	50.505	ug/l	98
56) Ethyl methacrylate	10.40	69	312540	51.208	ug/l	98
57) 1,3-Dichloropropane	10.68	76	359189	51.401	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	552882	211.976	ug/l	99
59) 2-Hexanone	10.72	43	780670	244.448	ug/l	98
60) Dibromochloromethane	10.87	129	267817	53.918	ug/l	99
61) 1,2-Dibromoethane	10.98	107	239271	52.508	ug/l	100
64) Tetrachloroethene	10.60	164	292736	53.055	ug/l	99
65) Chlorobenzene	11.40	112	636102	52.208	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	241913	53.323	ug/l	99
67) Ethyl Benzene	11.48	91	1108494	52.638	ug/l	99
68) m/p-Xylenes	11.59	106	880417	105.440	ug/l	99
69) o-Xylene	11.92	106	426025	53.718	ug/l	98
70) Styrene	11.94	104	712686	54.264	ug/l	99
71) Bromoform	12.10	173	186975	53.485	ug/l #	100
73) Isopropylbenzene	12.22	105	1126775	50.764	ug/l	100
74) N-amyl acetate	12.04	43	320853	45.901	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	282941	45.488	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	274322m	49.607	ug/l	
77) Bromobenzene	12.50	156	292212	51.575	ug/l	96
78) n-propylbenzene	12.56	91	1262745	50.959	ug/l	100
79) 2-Chlorotoluene	12.65	91	725158	49.078	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	951409	51.283	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	100046	46.265	ug/l	98
82) 4-Chlorotoluene	12.74	91	768728	49.455	ug/l	99
83) tert-Butylbenzene	12.97	119	821868	50.140	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	961224	52.155	ug/l	99
85) sec-Butylbenzene	13.15	105	1098894	52.026	ug/l	100
86) p-Isopropyltoluene	13.26	119	1037497	53.338	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	525797	52.407	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	525234	51.389	ug/l	99
89) n-Butylbenzene	13.59	91	873589	53.619	ug/l	99
90) Hexachloroethane	13.85	117	131723	61.233	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	496805	51.815	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	54586	43.030	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	308634	55.040	ug/l	99
94) Hexachlorobutadiene	14.98	225	132131	55.250	ug/l	100
95) Naphthalene	15.10	128	848574	49.718	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	293476	53.231	ug/l	100

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

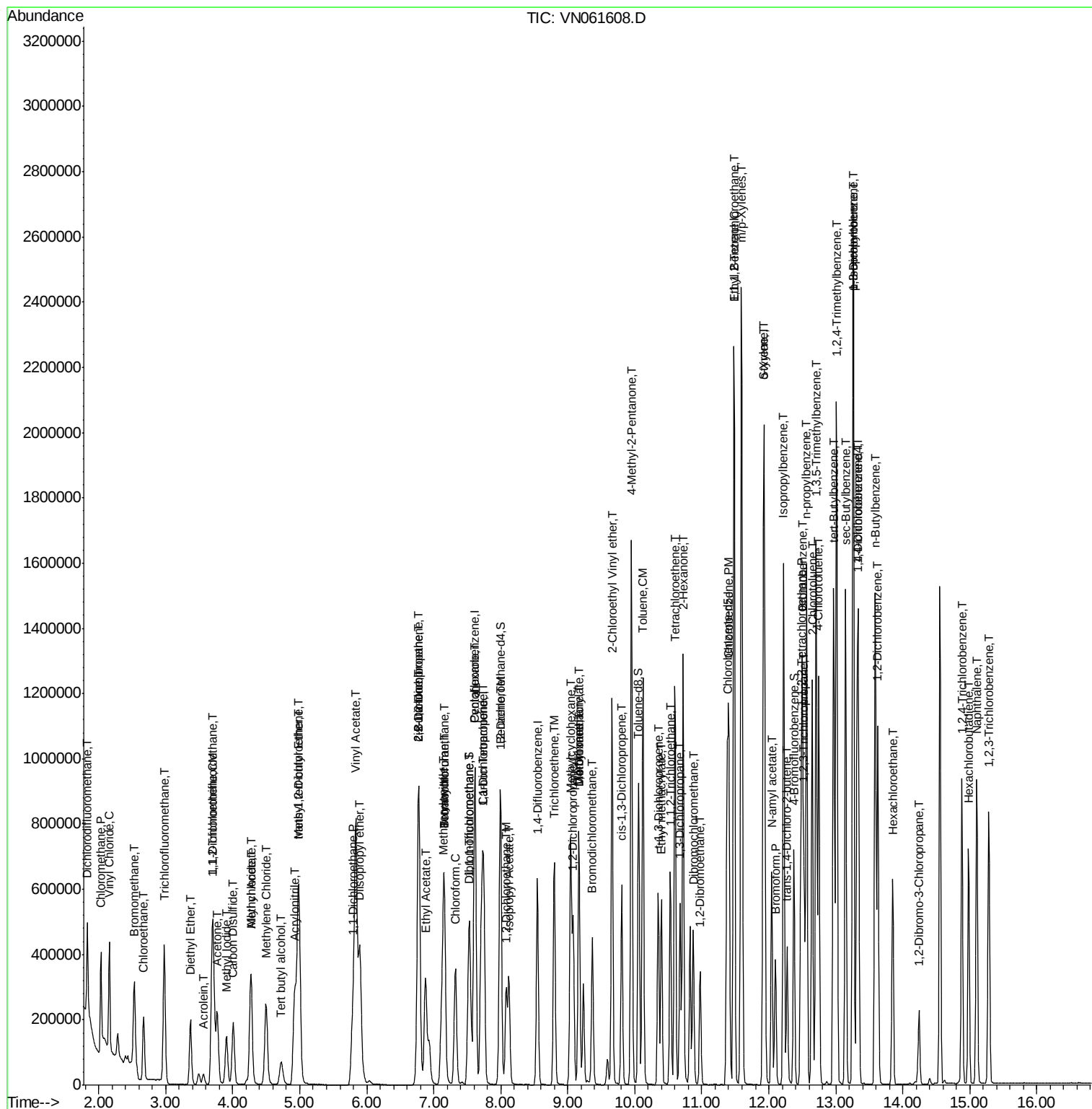
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Data File : VN061608.D
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 381208

Ion Ratio Lower Upper

168 100

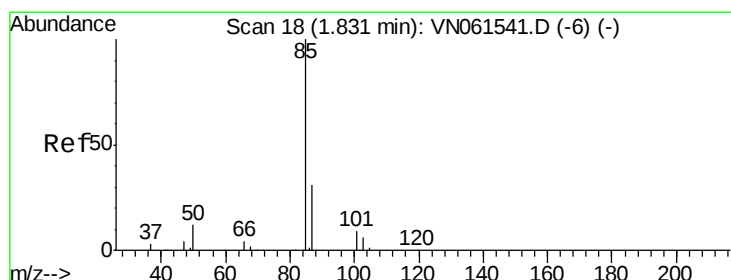
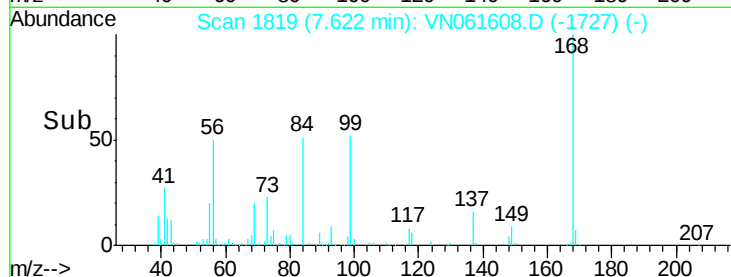
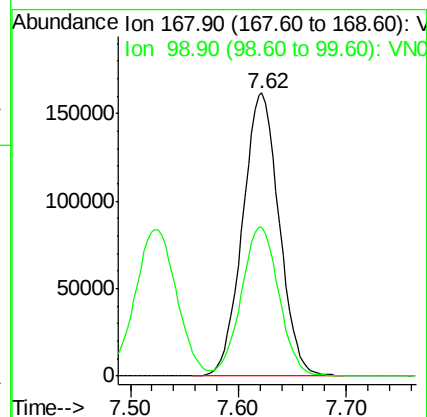
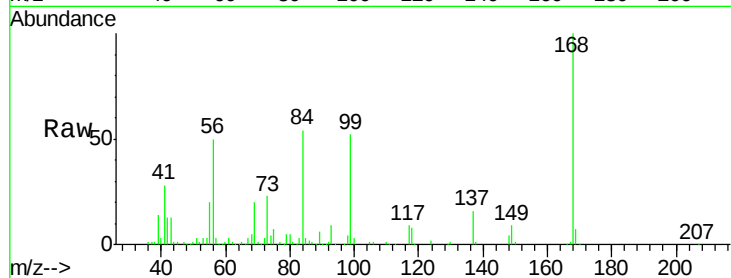
99 52.2 45.0 67.4

Manual Integrations

APPROVED

MMDadoda

6/3/2020 11:32:17 AM



#2

Dichlorodifluoromethane

Concen: 47.318 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061608.D

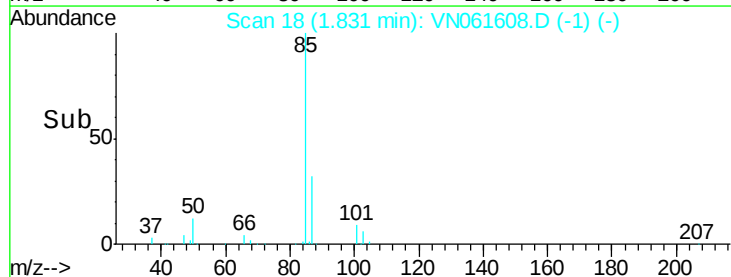
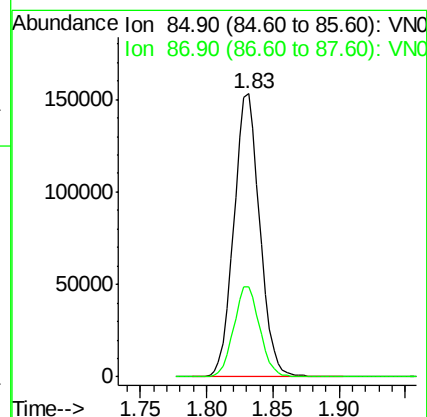
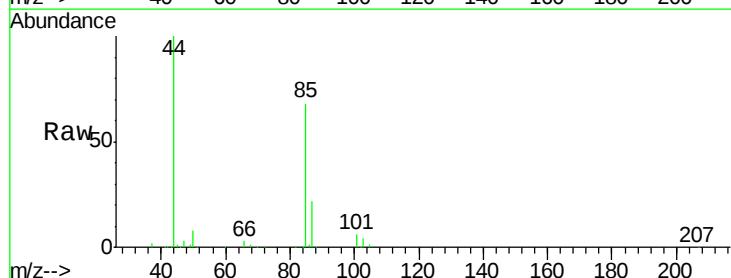
Acq: 2 Jun 2020 9:47

Tgt Ion: 85 Resp: 207988

Ion Ratio Lower Upper

85 100

87 32.0 15.6 46.8





#3

Chloromethane

Concen: 46.182 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 214724

Ion Ratio Lower Upper

50 100

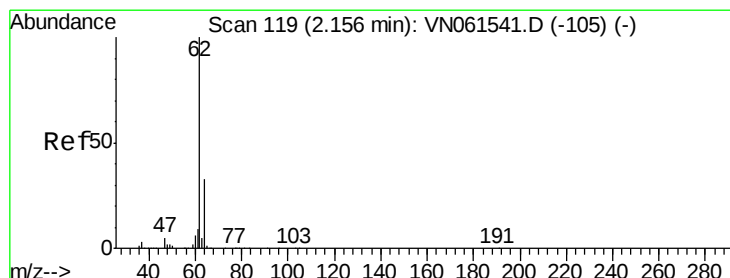
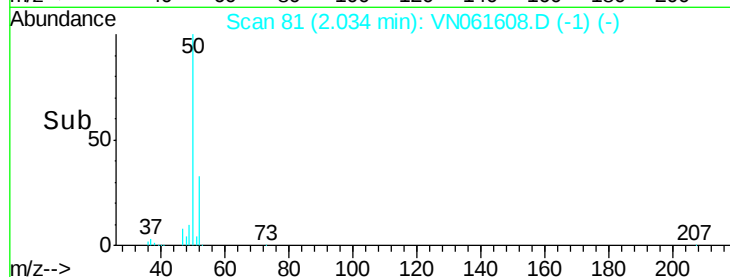
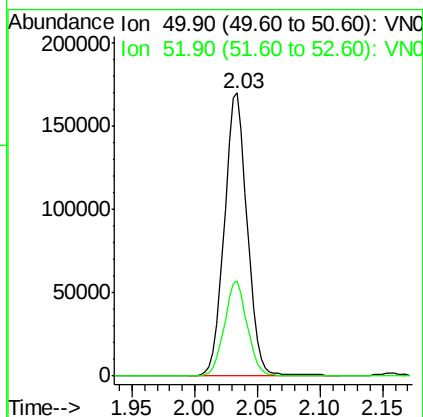
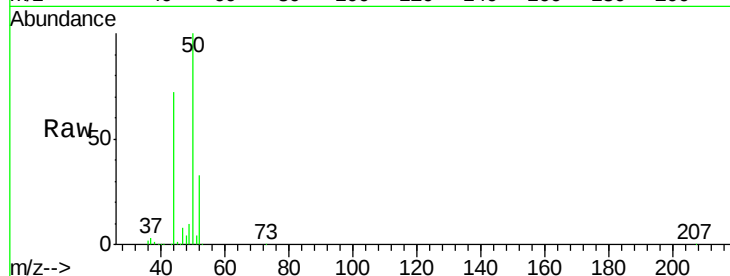
52 33.5 26.7 40.1

Manual Integrations

APPROVED

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6/3/2020 11:32:17 AM



#4

Vinyl Chloride

Concen: 46.840 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061608.D

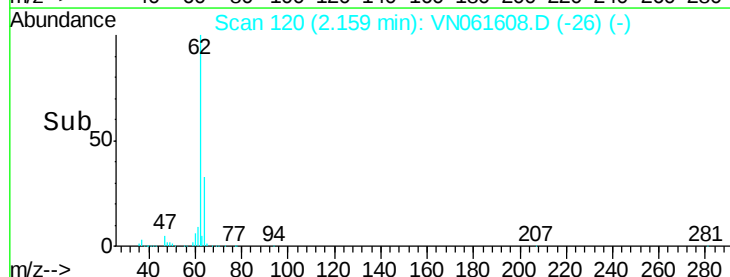
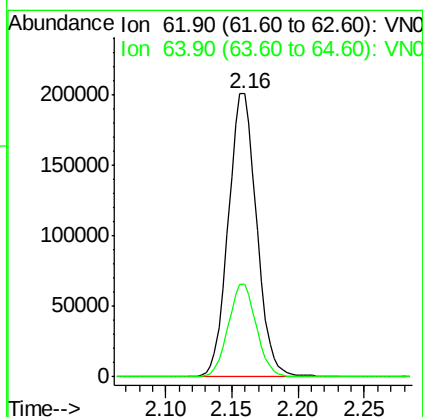
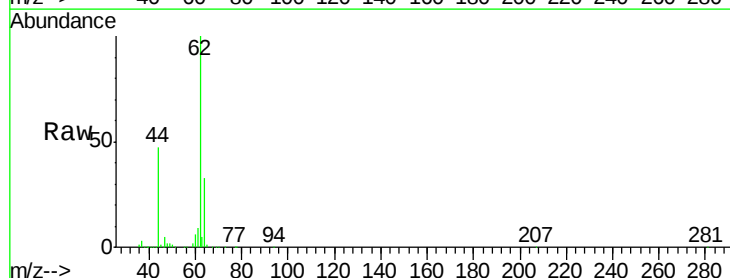
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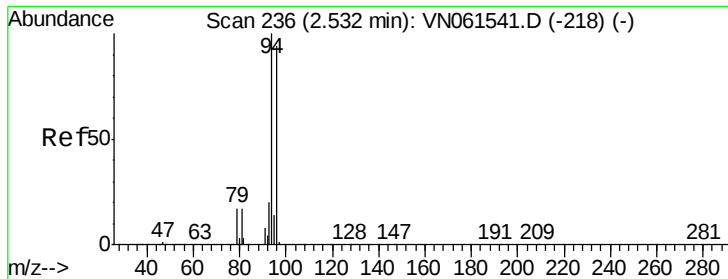
Tgt Ion: 62 Resp: 298442

Ion Ratio Lower Upper

62 100

64 32.9 26.2 39.2





#5

Bromomethane

Concen: 49.964 ug/l

RT: 2.53 min Scan# 235

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 94 Resp: 182673

Ion Ratio Lower Upper

94 100

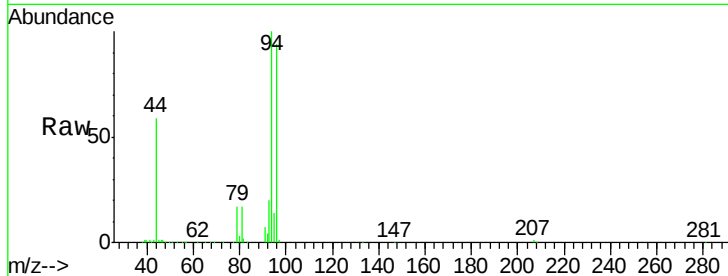
96 94.3 74.8 112.2

Manual Integrations

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6/3/2020 11:32:17 AM



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.53

100000

80000

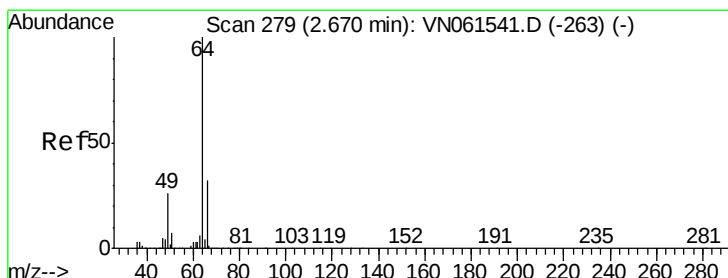
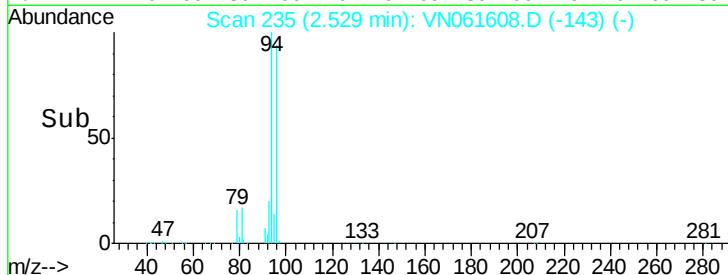
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 45.682 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.00 min

Lab File: VN061608.D

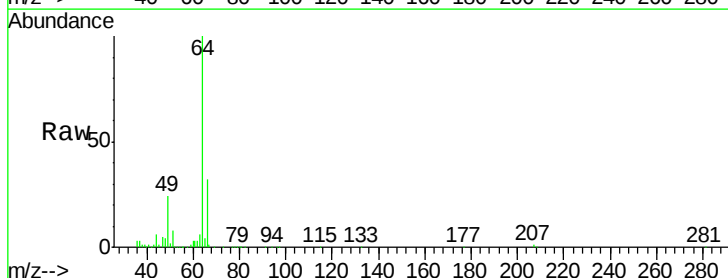
Acq: 2 Jun 2020 9:47

Tgt Ion: 64 Resp: 187347

Ion Ratio Lower Upper

64 100

66 31.8 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

100000

80000

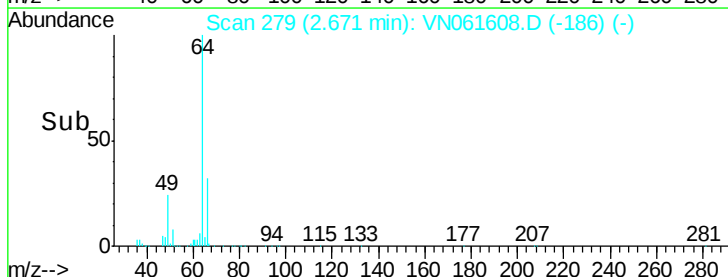
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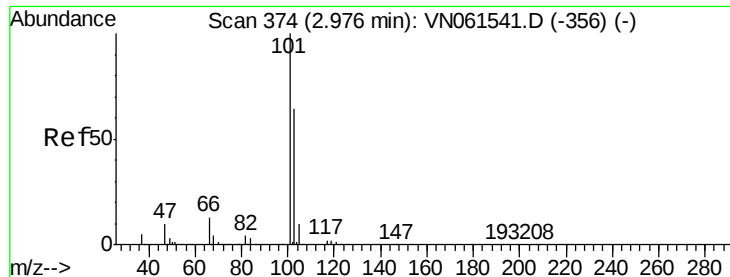
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Time-->





#7

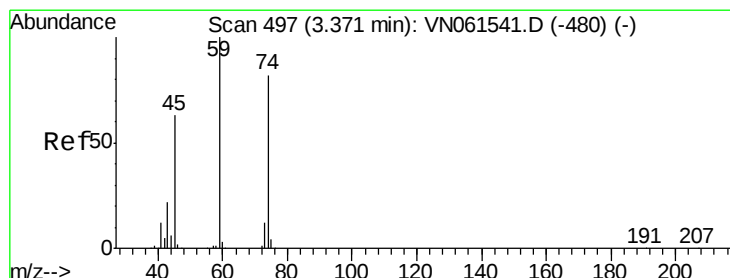
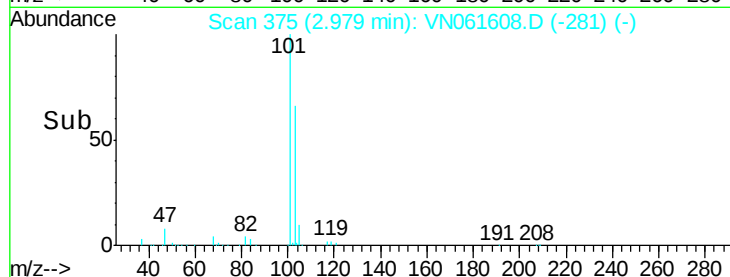
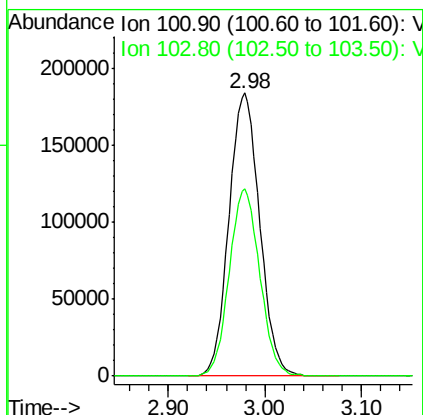
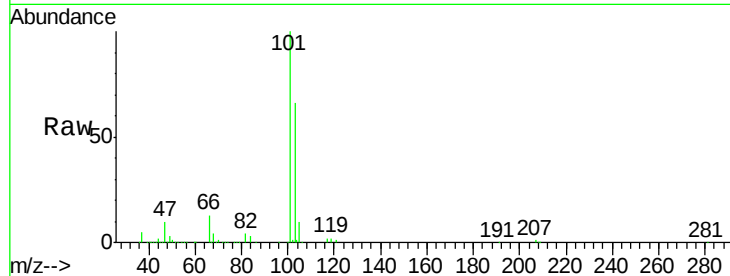
Trichlorofluoromethane
Concen: 49.358 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Instrument :
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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.2	51.4	77.2

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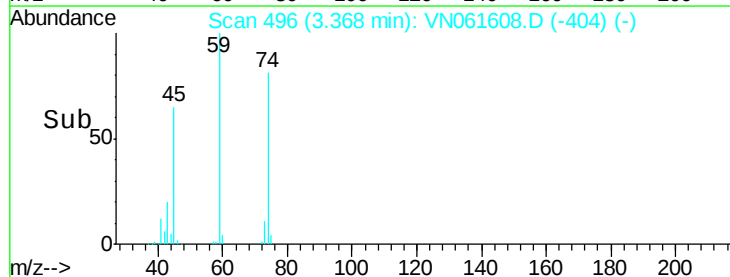
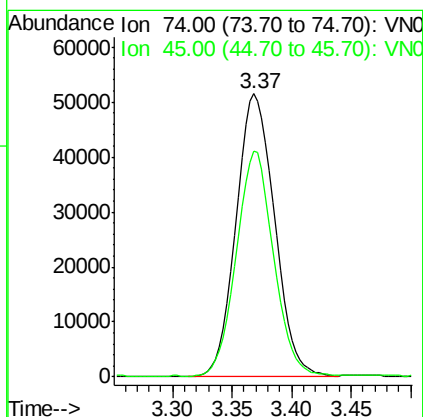
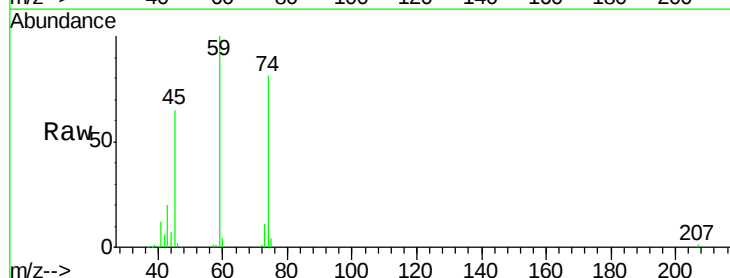
MMDadoda
6/3/2020 11:32:17 AM

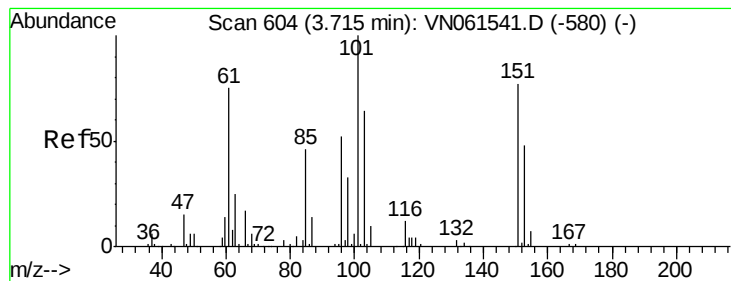


#8

Diethyl Ether
Concen: 46.123 ug/l
RT: 3.37 min Scan# 496
Delta R.T. -0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	76.7	39.9	119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.078 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Instrument :

MSVOA_N

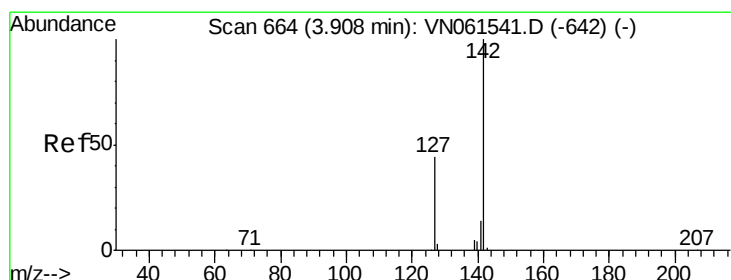
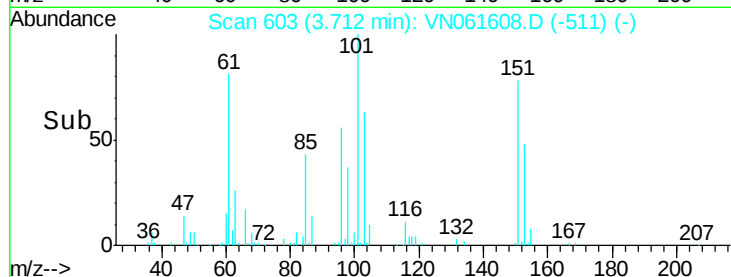
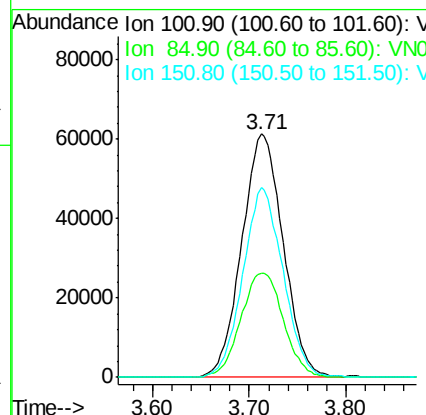
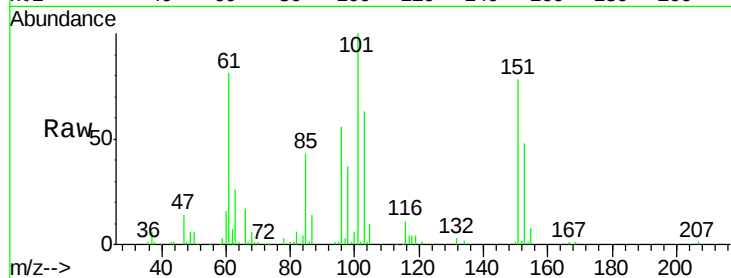
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	182586
Ion Ratio	Lower	Upper	
101	100		
85	44.0	35.2	52.8
151	75.6	61.0	91.6

Manual Integrations
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6/3/2020 11:32:17 AM



#10

Methyl Iodide

Concen: 46.655 ug/l

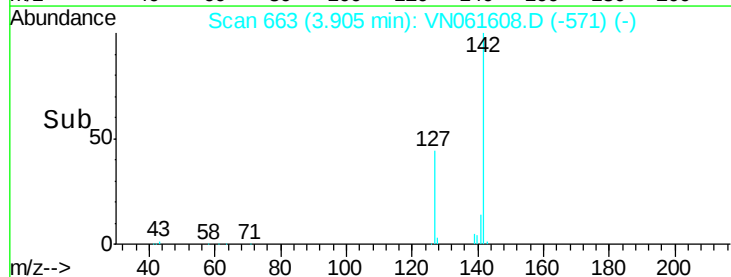
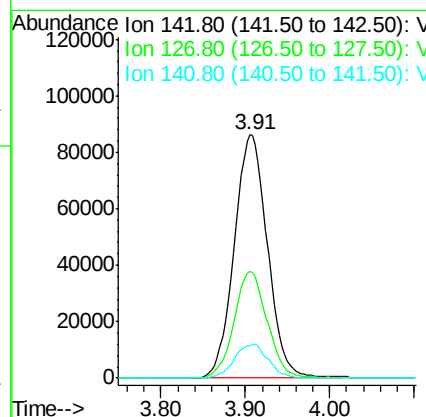
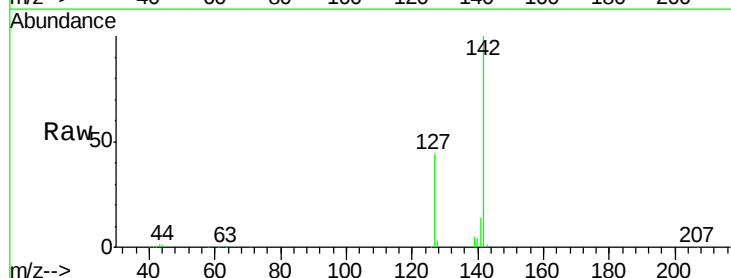
RT: 3.91 min Scan# 663

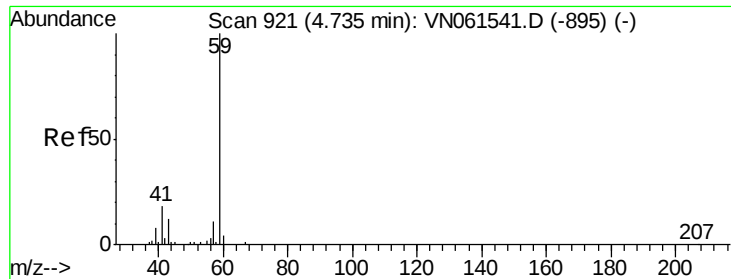
Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Tgt Ion:	142	Resp:	236137
Ion Ratio	Lower	Upper	
142	100		
127	43.6	35.5	53.3
141	14.1	11.5	17.3





#11

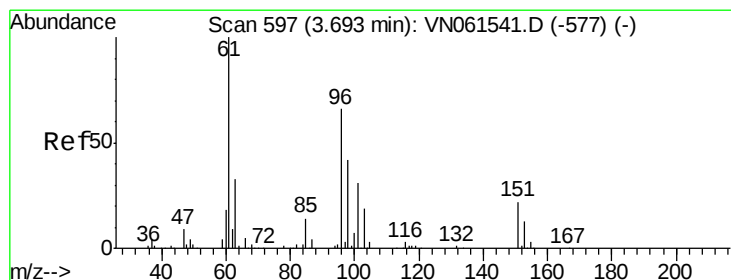
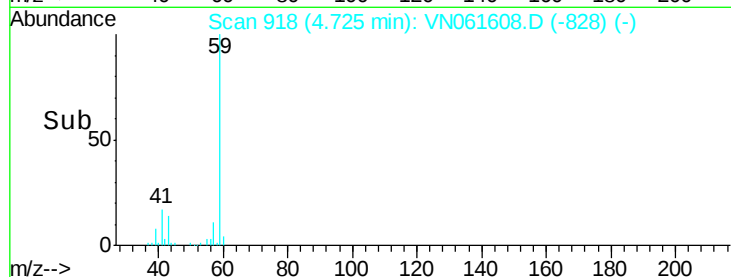
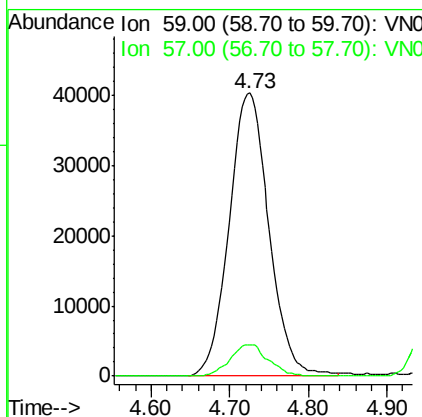
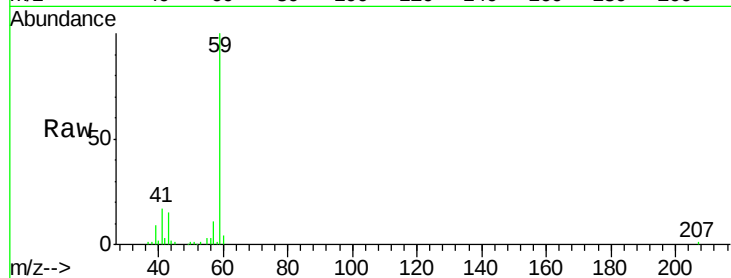
Tert butyl alcohol
Concen: 235.954 ug/l
RT: 4.73 min Scan# 918
Delta R.T. -0.01 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.4	12.6

Manual Integrations
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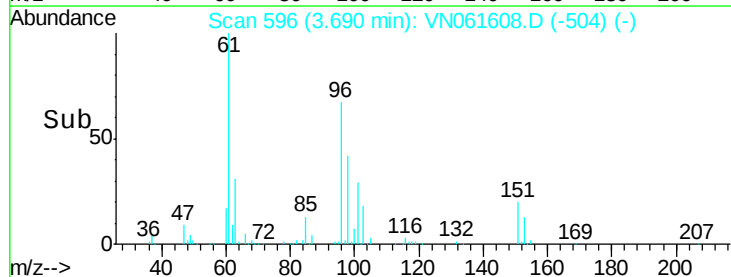
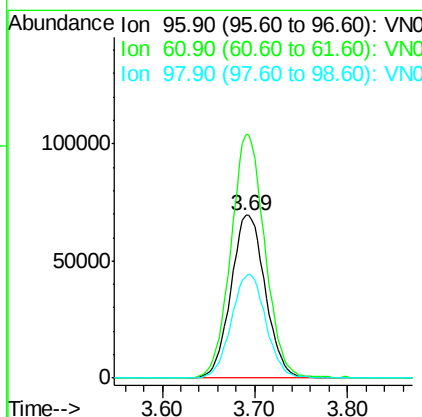
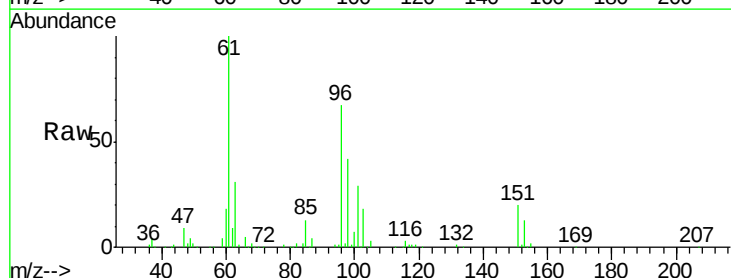
MMDadoda
6/3/2020 11:32:17 AM

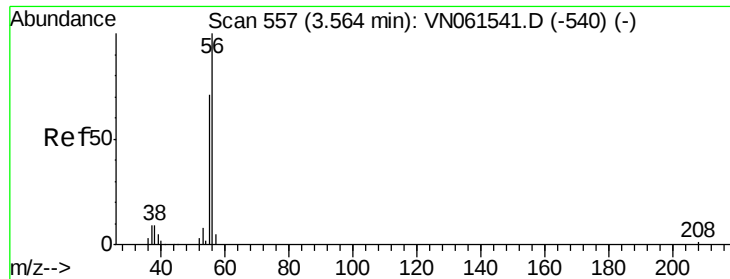


#12

1,1-Dichloroethene
Concen: 45.996 ug/l
RT: 3.69 min Scan# 596
Delta R.T. -0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.8	120.5	180.7
98	62.9	50.8	76.2





#13

Acrolein

Concen: 215.380 ug/l

RT: 3.56 min Scan# 556

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 38435

Ion Ratio Lower Upper

56 100

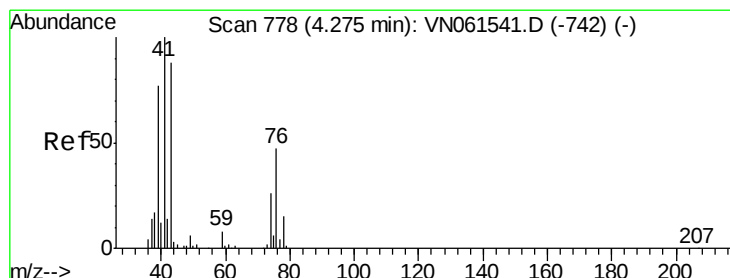
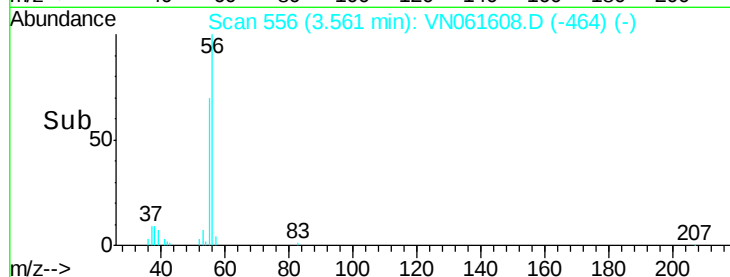
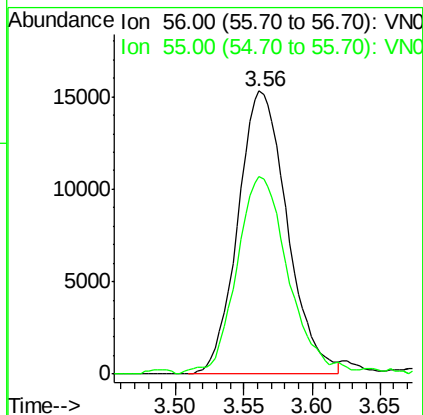
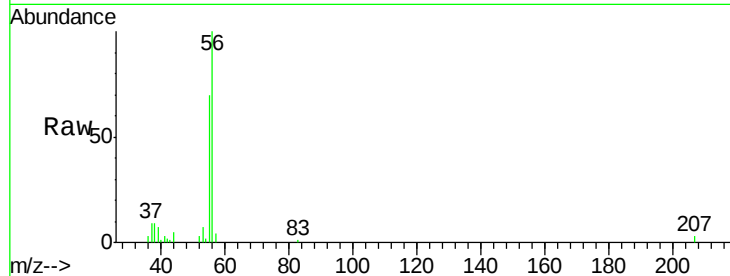
55 73.0 58.0 87.0

Manual Integrations

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MMDadoda

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#14

Allyl chloride

Concen: 45.889 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

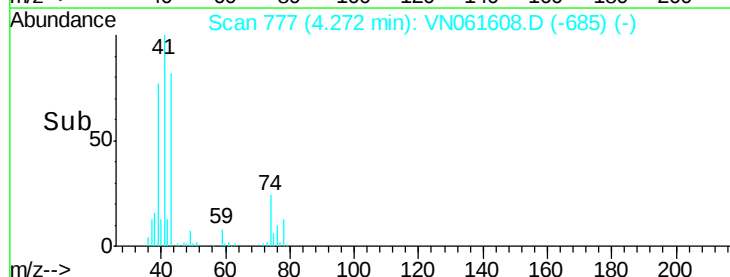
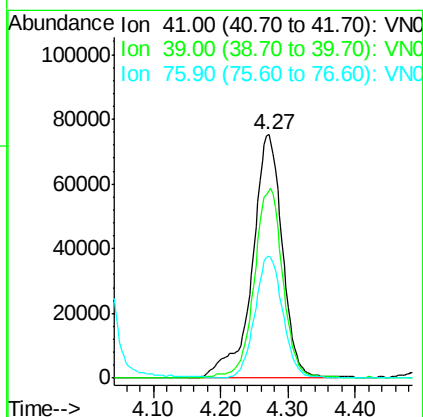
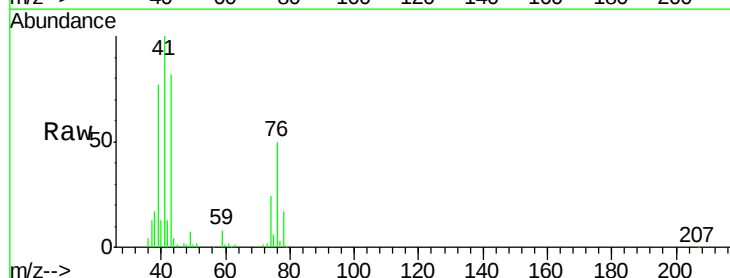
Tgt Ion: 41 Resp: 233692

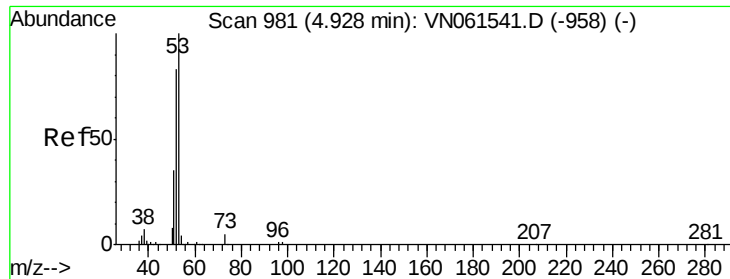
Ion Ratio Lower Upper

41 100

39 73.7 58.6 88.0

76 45.1 34.2 51.4





#15

Acrylonitrile

Concen: 226.368 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Instrument :

MSVOA_N

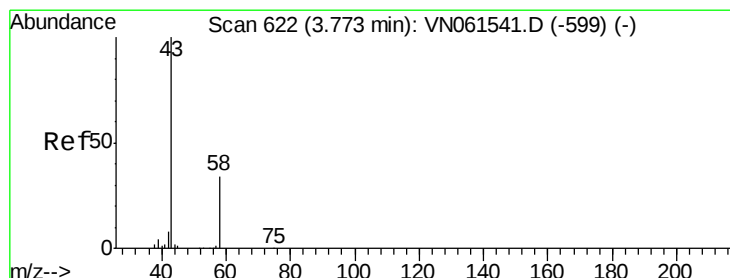
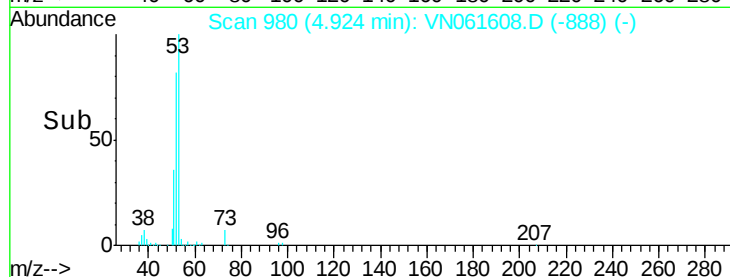
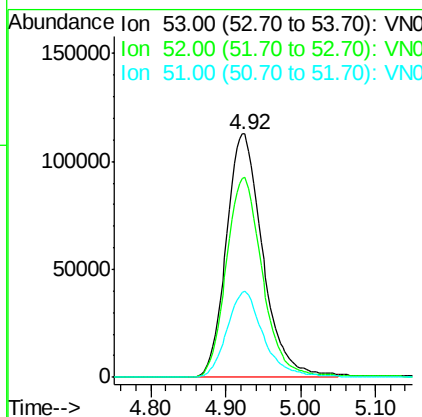
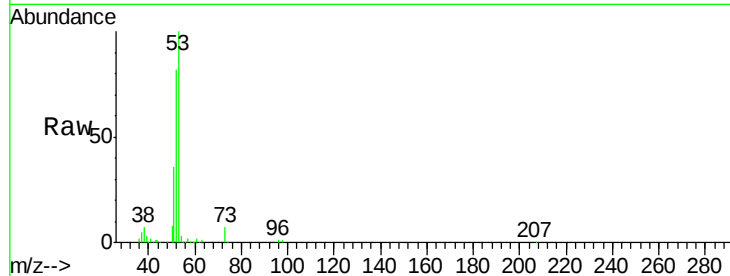
ClientSampled :

VSTDCCC050

Tot Ion:	53	Resp:	381706
Ion Ratio	Lower	Upper	
53	100		
52	81.3	65.4	98.2
51	35.5	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 287.066 ug/l

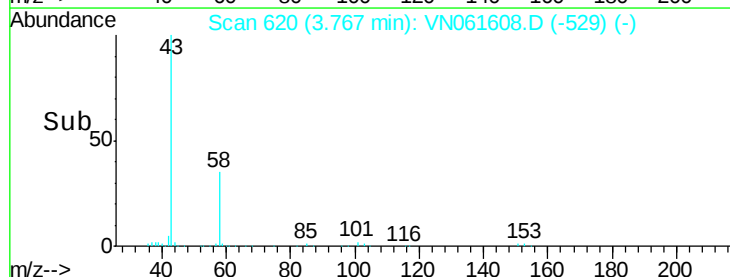
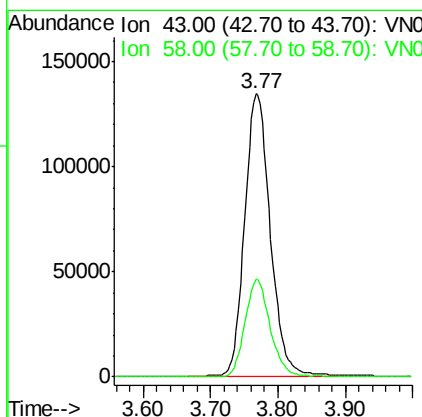
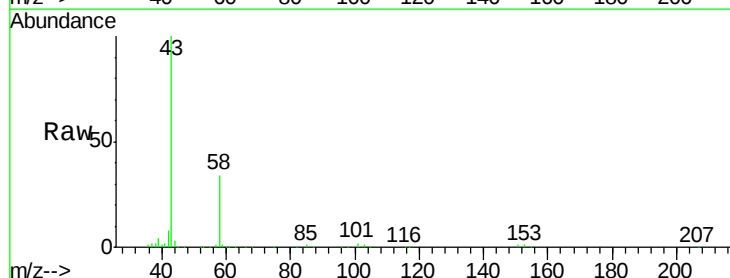
RT: 3.77 min Scan# 620

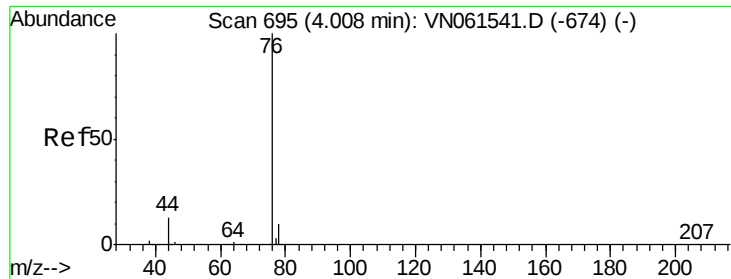
Delta R.T. -0.01 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Tgt Ion:	43	Resp:	358178
Ion Ratio	Lower	Upper	
43	100		
58	34.5	27.2	40.8





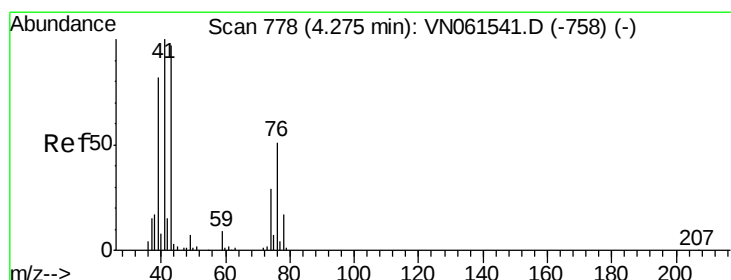
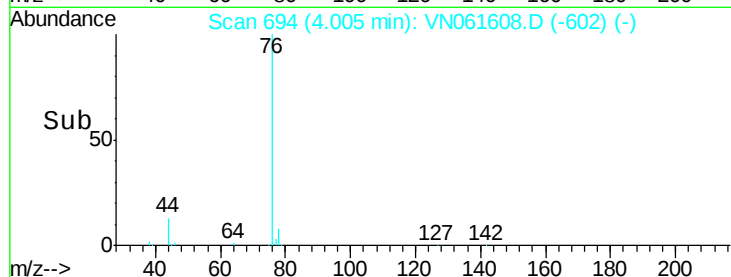
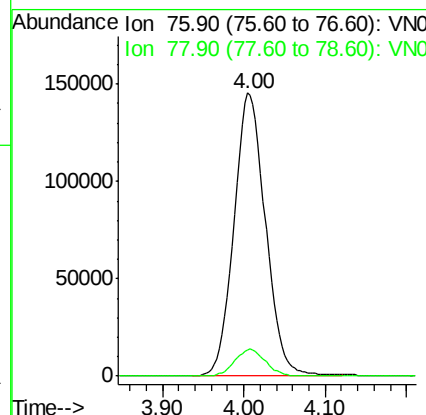
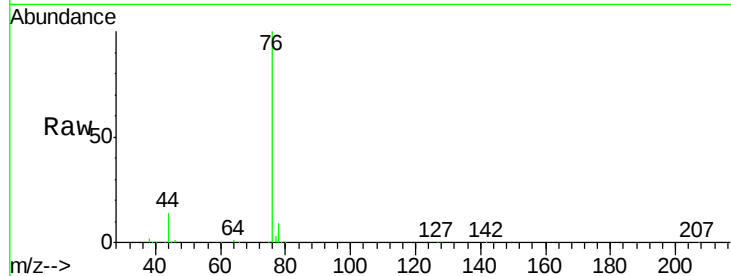
#17
Carbon Disulfide
Concen: 45.904 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.8	11.6

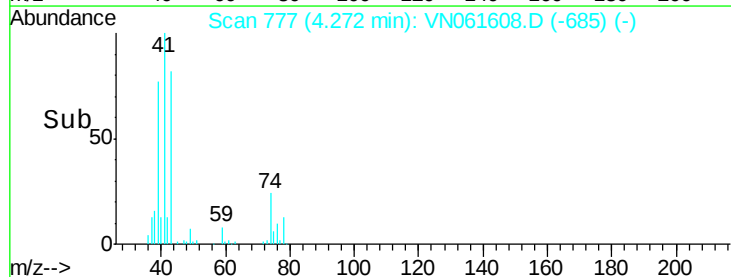
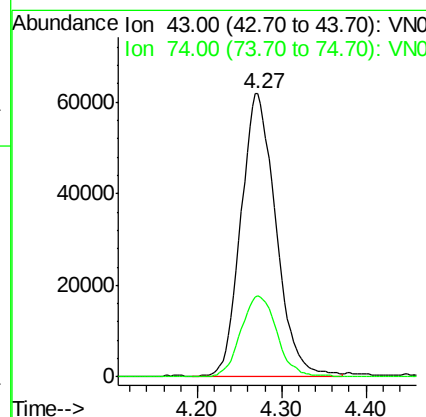
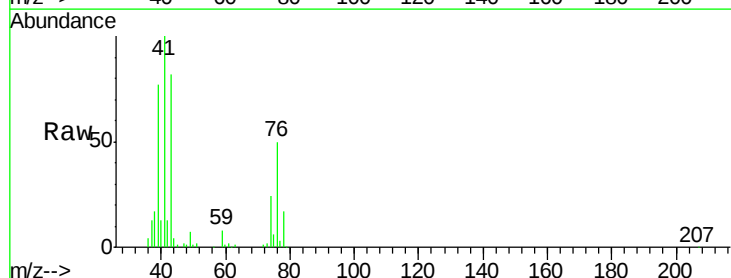
Manual Integrations
APPROVED

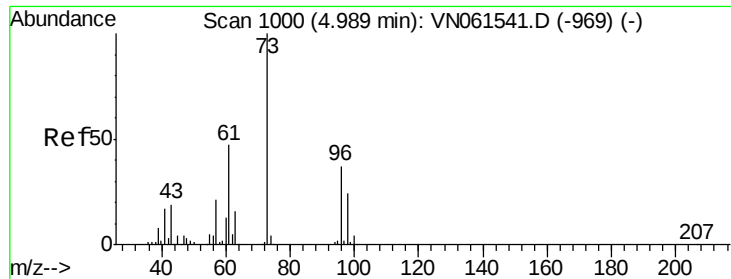
MMDadoda
6/3/2020 11:32:17 AM



#18
Methyl Acetate
Concen: 43.312 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	29.8	23.2	34.8





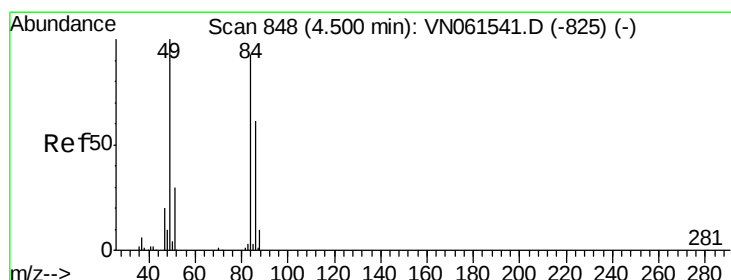
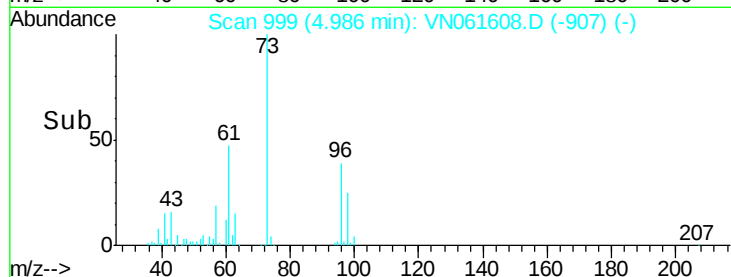
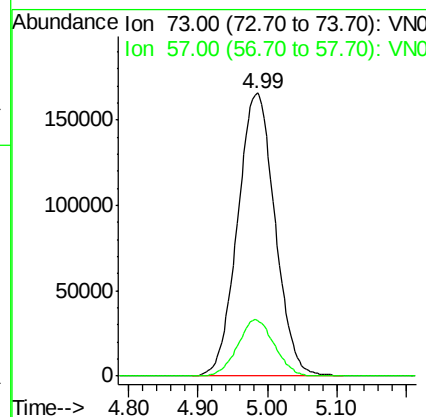
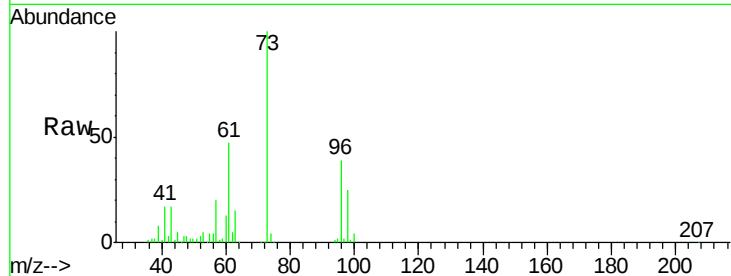
#19
Methyl tert-butyl Ether
Concen: 46.839 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.7	16.4	24.6

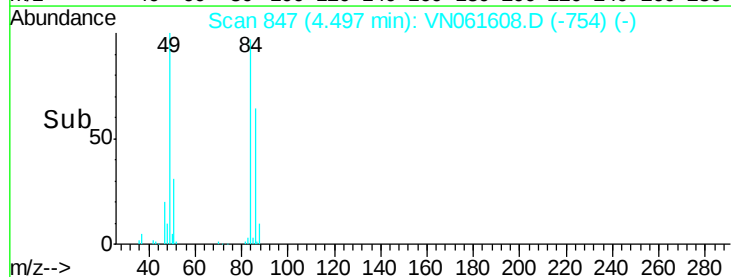
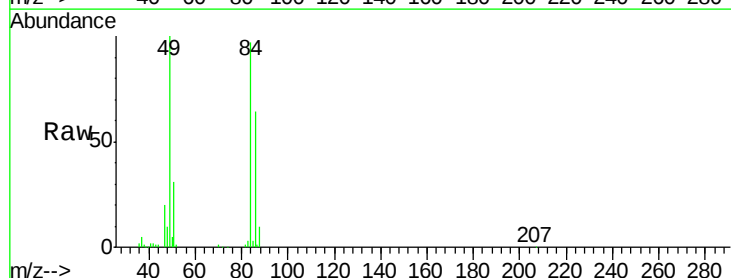
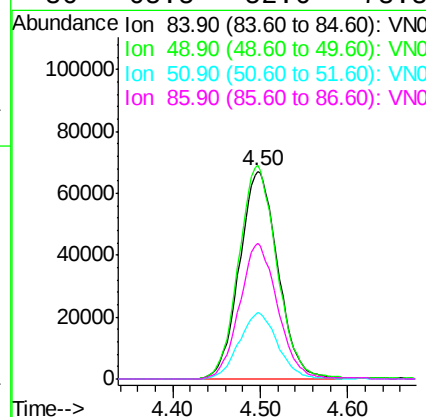
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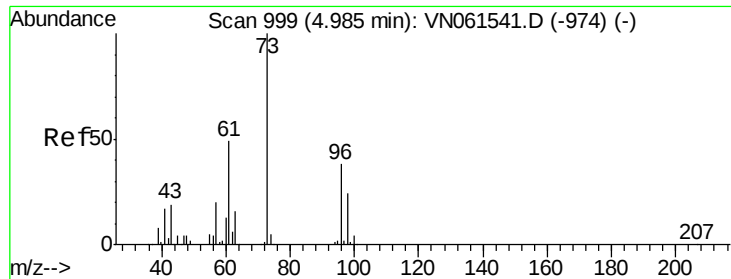
MMDadoda
6/3/2020 11:32:17 AM



#20
Methylene Chloride
Concen: 49.434 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	103.0	85.8	128.8
51	31.9	26.2	39.2
86	65.5	52.6	78.8





#21

trans-1,2-Dichloroethene

Concen: 47.756 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Instrument :

MSVOA_N

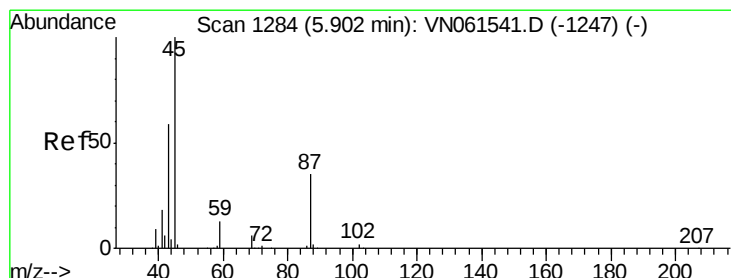
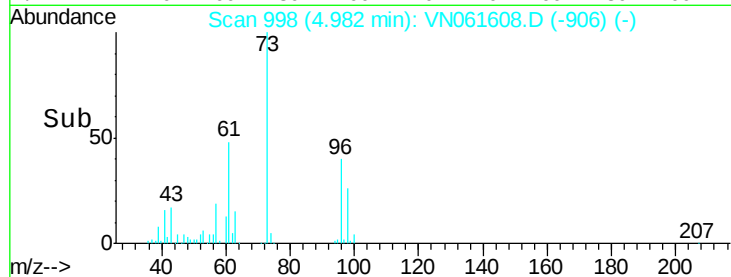
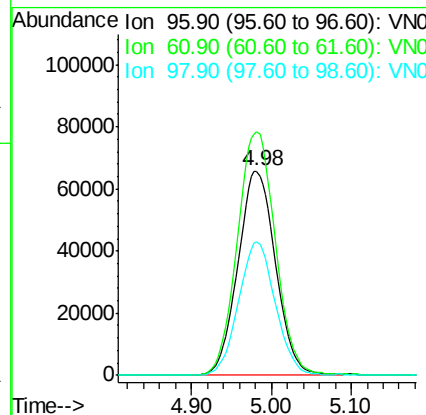
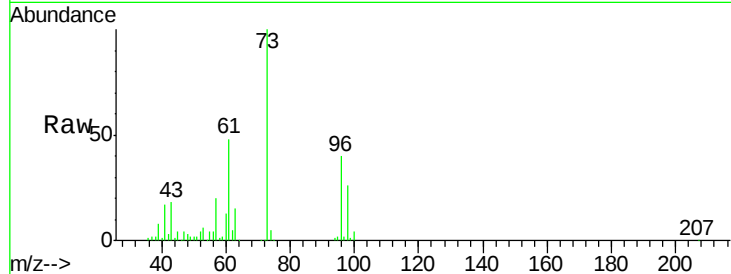
ClientSampled :

VSTDCCC050

Tot Ion:	96	Resp:	209784
Ion	Ratio	Lower	Upper
96	100		
61	119.1	101.4	152.0
98	65.5	50.6	76.0

Manual Integrations
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6/3/2020 11:32:17 AM



#22

Diisopropyl ether

Concen: 47.607 ug/l

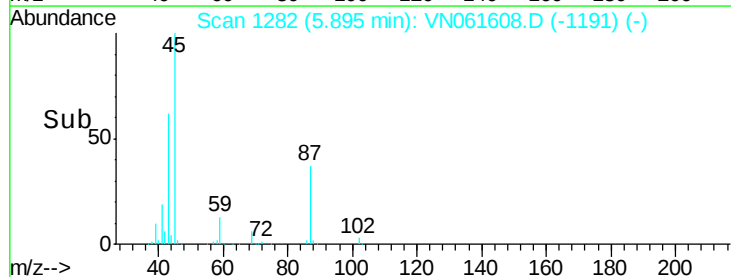
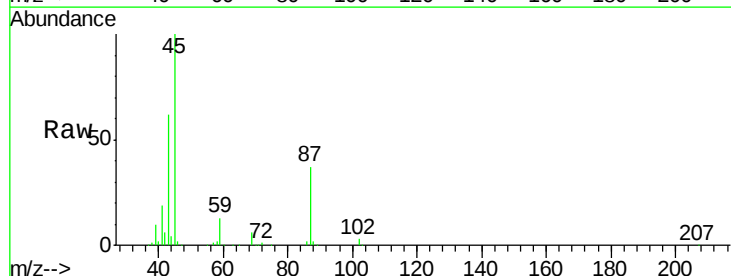
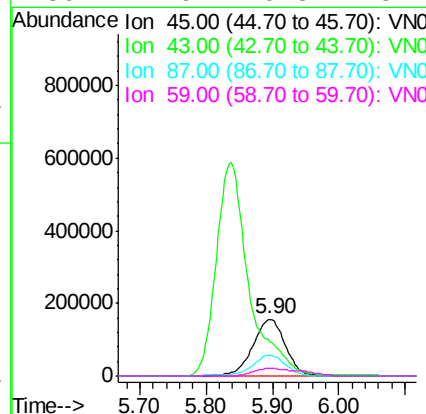
RT: 5.90 min Scan# 1282

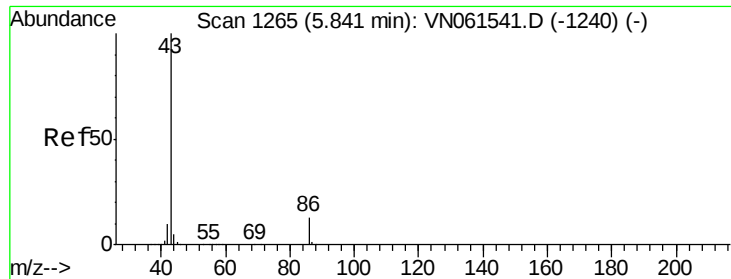
Delta R.T. -0.01 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Tgt Ion:	45	Resp:	534337
Ion	Ratio	Lower	Upper
45	100		
43	60.8	47.9	71.9
87	36.7	28.4	42.6
59	12.9	10.5	15.7





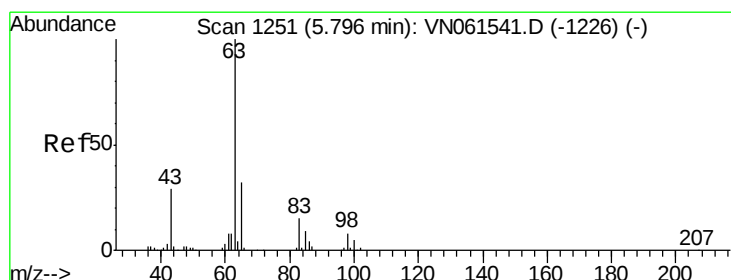
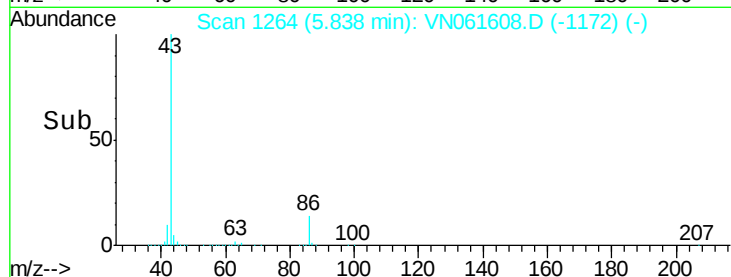
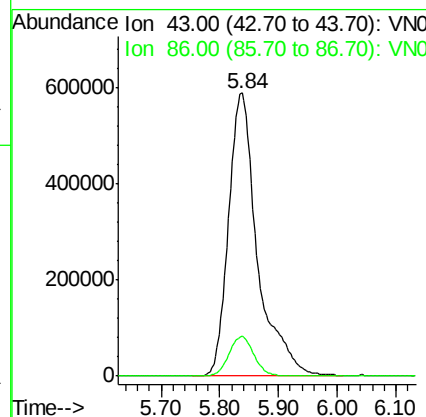
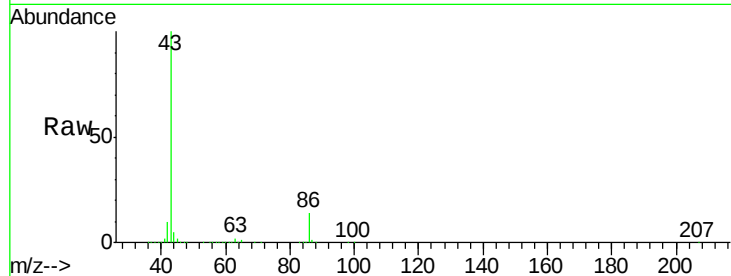
#23
 Vinyl Acetate
 Concen: 225.492 ug/l
 RT: 5.84 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: VN061608.D
 Acq: 2 Jun 2020 9:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 2017205
 Ion Ratio Lower Upper
 43 100
 86 14.1 10.6 16.0

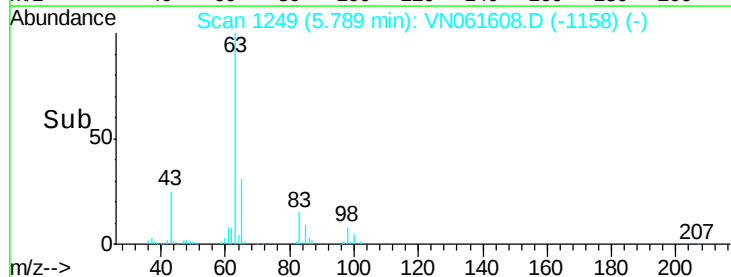
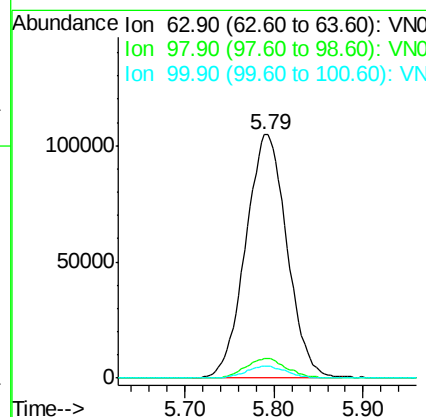
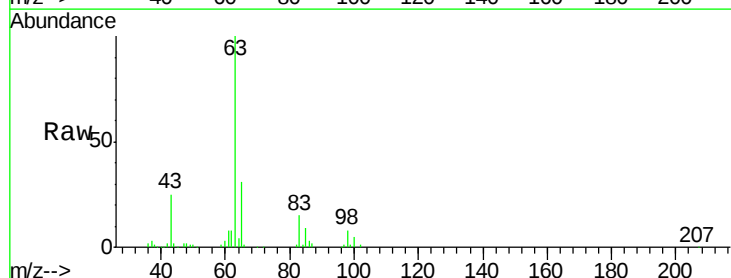
Manual Integrations
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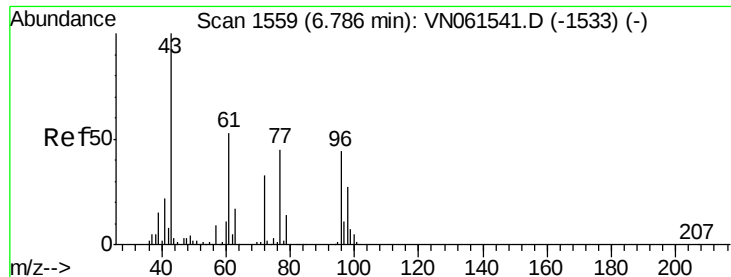
MMDadoda
 6/3/2020 11:32:17 AM



#24
 1,1-Dichloroethane
 Concen: 47.483 ug/l
 RT: 5.79 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: VN061608.D
 Acq: 2 Jun 2020 9:47

Tgt Ion: 63 Resp: 337954
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.8 11.4
 100 5.1 2.5 7.6





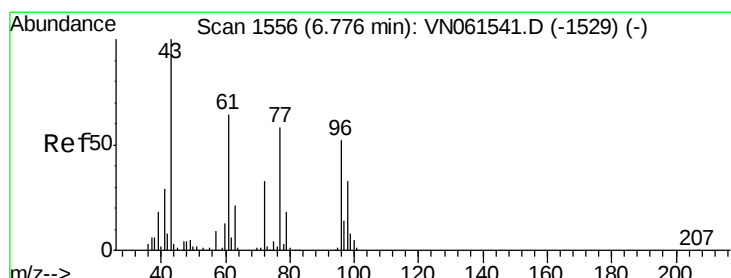
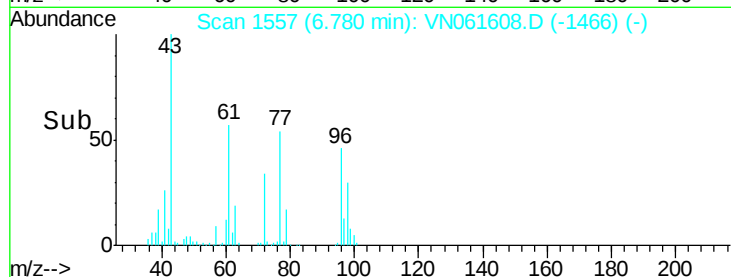
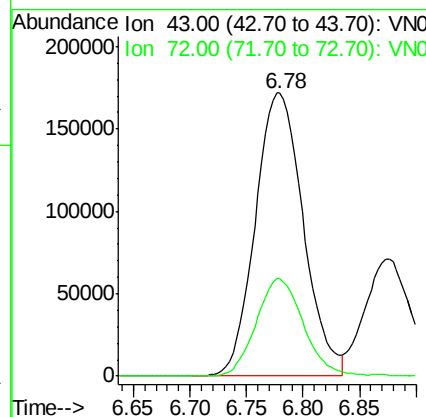
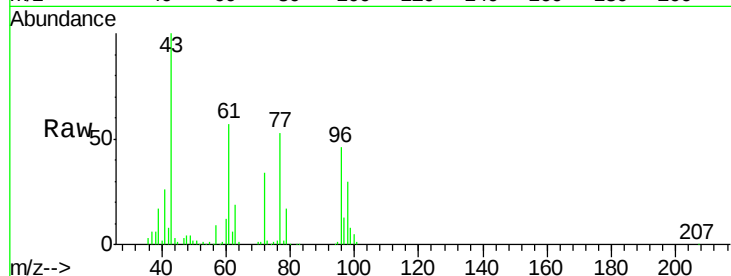
#25
2-Butanone
Concen: 234.838 ug/l
RT: 6.78 min Scan# 1557
Delta R.T. -0.01 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 43 Resp: 505493
Ion Ratio Lower Upper
43 100
72 34.4 26.0 39.0

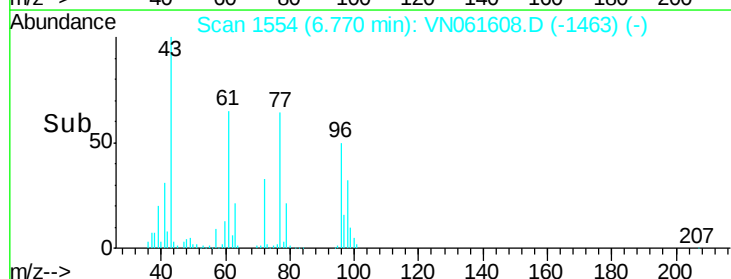
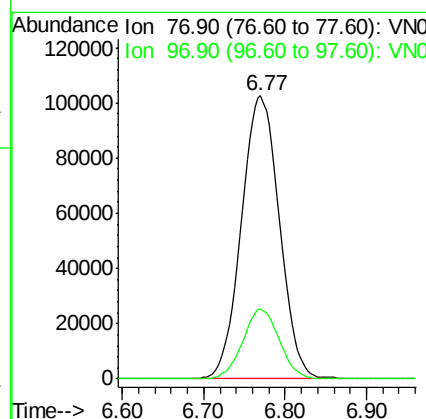
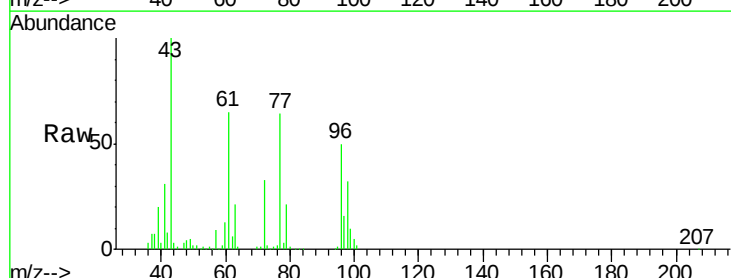
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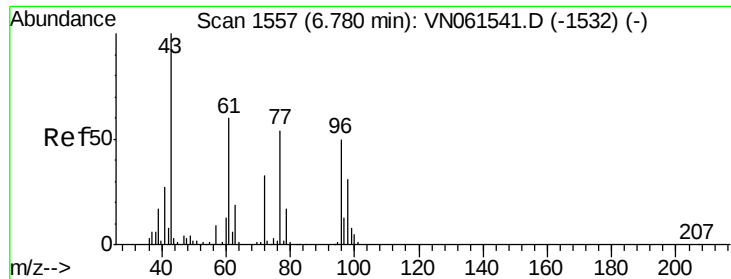
MMDadoda
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#26
2,2-Dichloropropane
Concen: 50.736 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.01 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Tgt Ion: 77 Resp: 330507
Ion Ratio Lower Upper
77 100
97 23.7 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 48.871 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.01 min

Lab File: VN061608.D

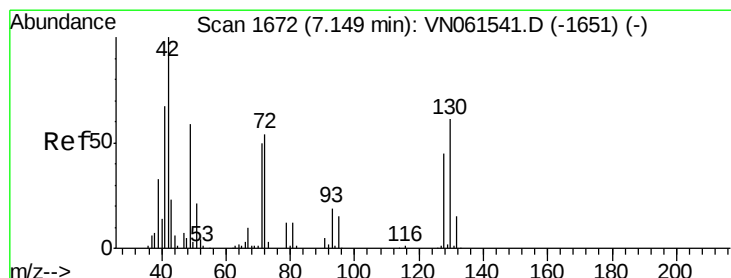
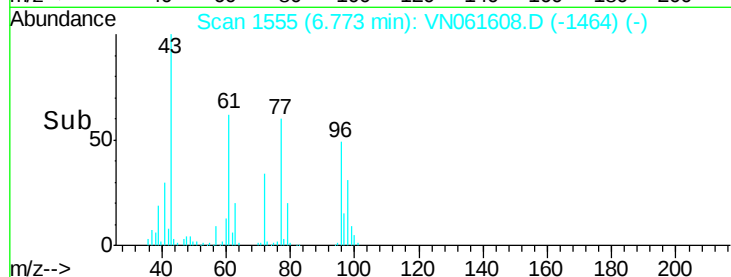
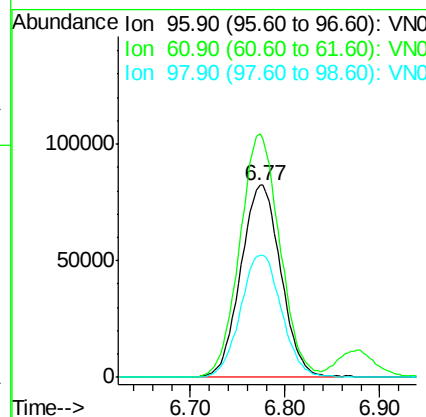
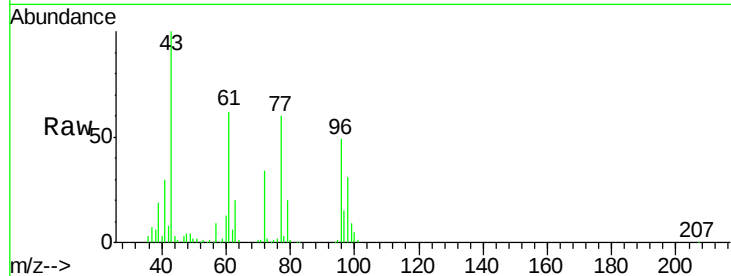
Acq: 2 Jun 2020 9:47

Tot Ion:	96	Resp:	243098
Ion Ratio	Lower	Upper	
96	100		
61	126.6	0.0	252.2
98	65.1	0.0	129.2

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

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#28

Bromochloromethane

Concen: 63.281 ug/l

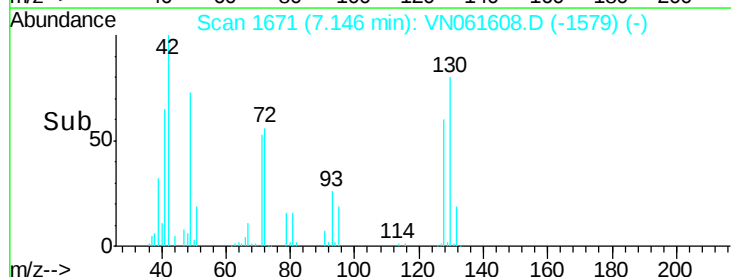
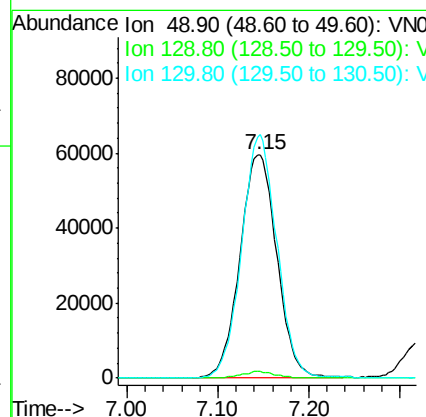
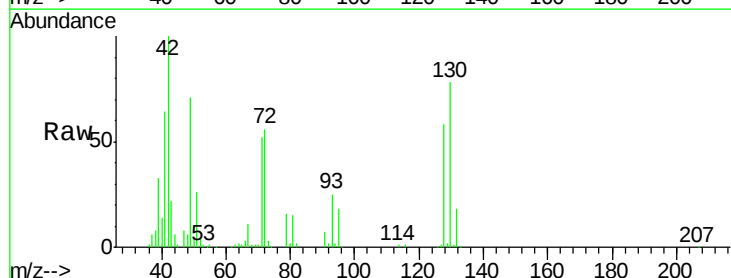
RT: 7.15 min Scan# 1671

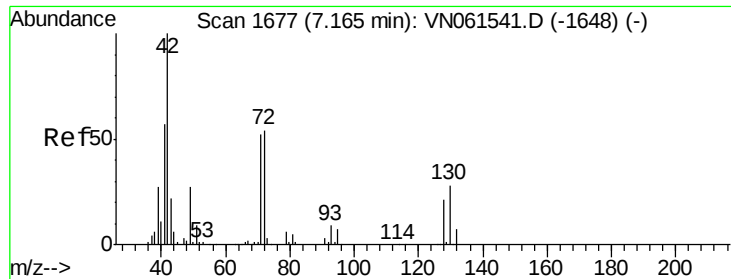
Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Tgt Ion:	49	Resp:	168092
Ion Ratio	Lower	Upper	
49	100		
129	2.7	0.0	4.8
130	103.8	78.8	118.2





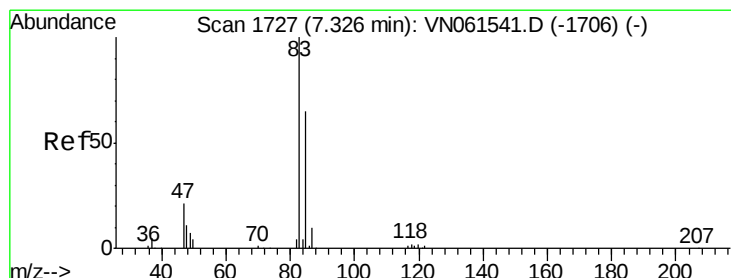
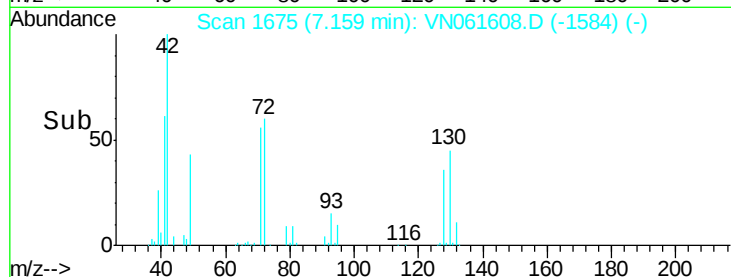
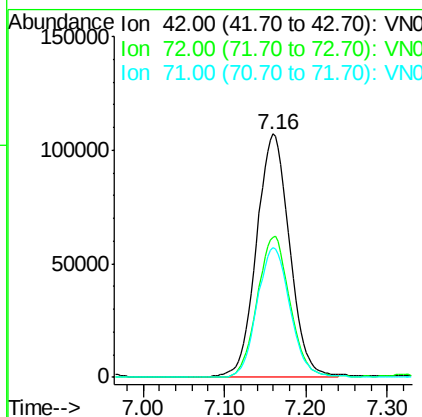
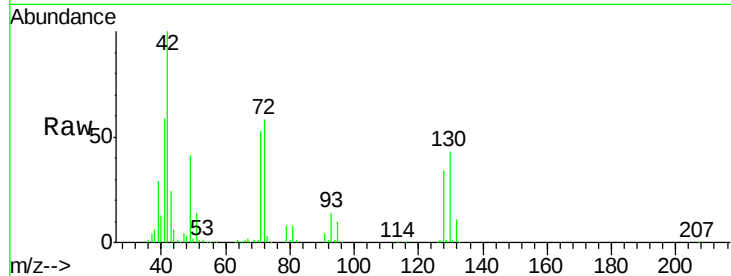
#29
Tetrahydrofuran
Concen: 213.160 ug/l
RT: 7.16 min Scan# 1675
Delta R.T. -0.01 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	57.2	43.6	65.4
71	53.0	41.2	61.8

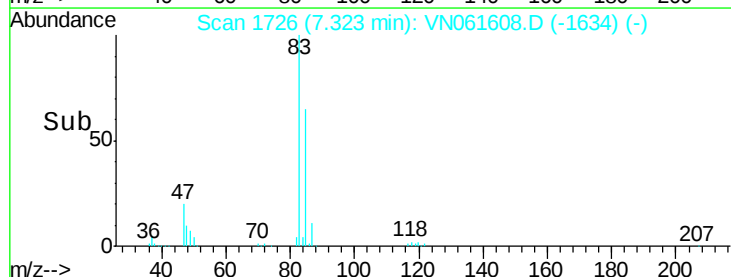
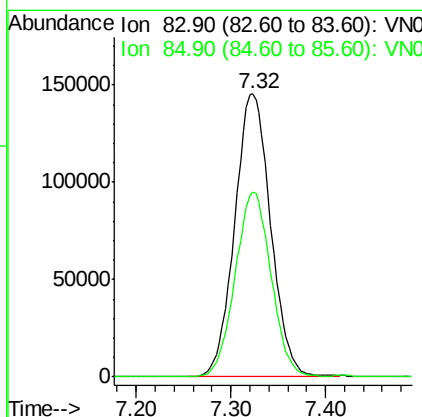
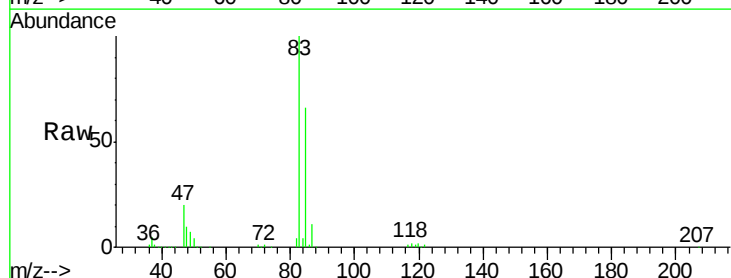
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#30
Chloroform
Concen: 48.795 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.7	77.5





#31

Cyclohexane

Concen: 46.598 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Instrument :

MSVOA_N

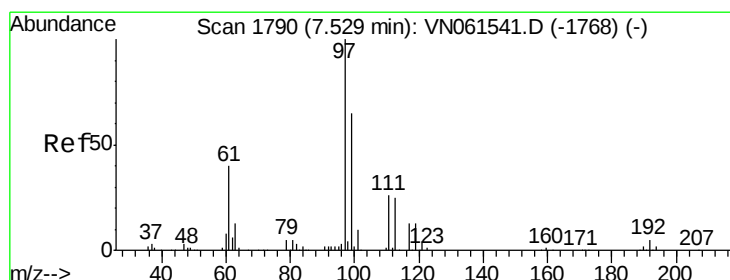
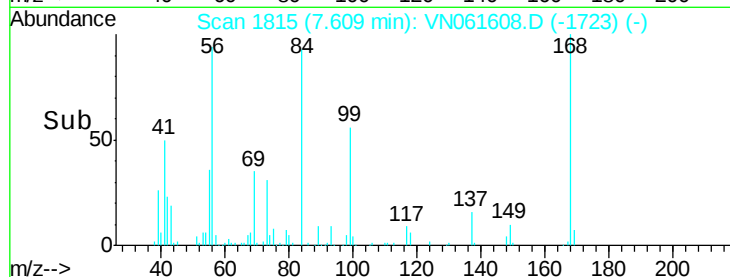
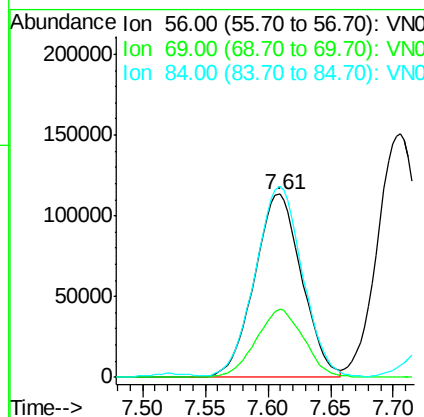
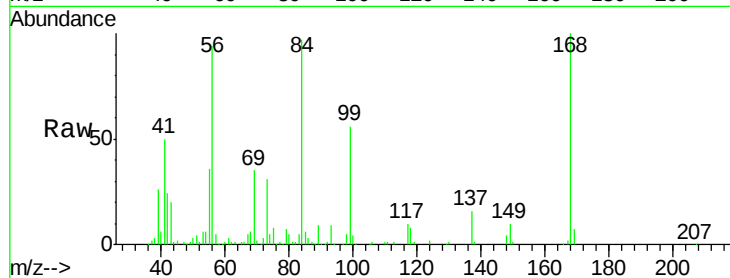
ClientSampleId :

VSTDCCC050

Tot Ion	56	Resp	298276
Ion	Ratio	Lower	Upper
56	100		
69	36.6	27.8	41.8
84	102.8	79.9	119.9

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#32

1,1,1-Trichloroethane

Concen: 49.155 ug/l

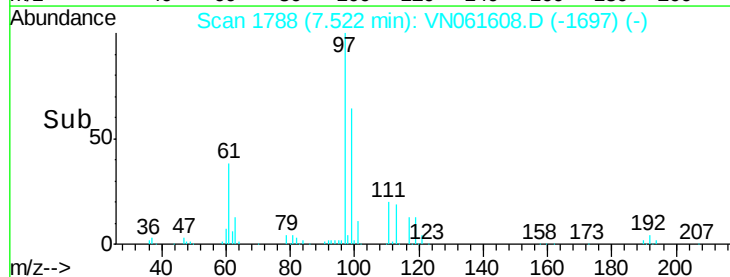
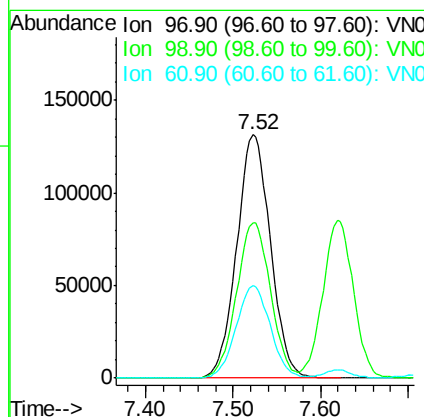
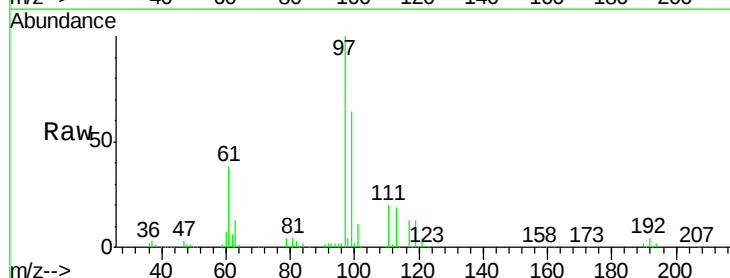
RT: 7.52 min Scan# 1788

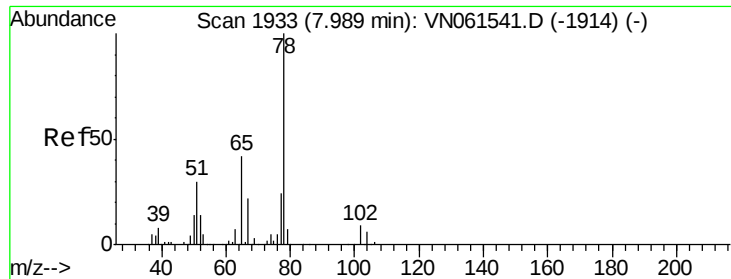
Delta R.T. -0.01 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Tgt Ion	97	Resp	352677
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.0
61	38.4	31.4	47.0





#33

1,2-Dichloroethane-d4

Concen: 42.456 ug/l

RT: 7.98 min Scan# 1931

Delta R.T. -0.01 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 192831

Ion Ratio Lower Upper

65 100

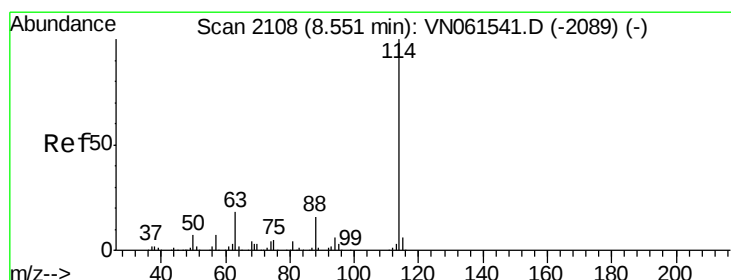
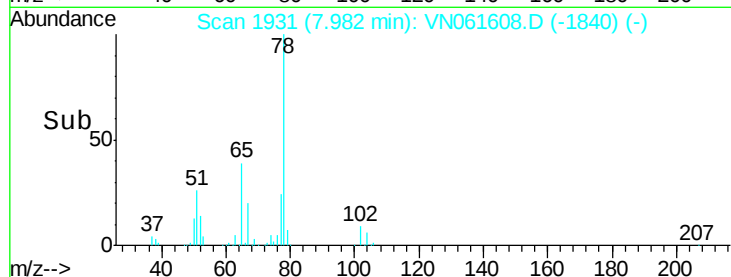
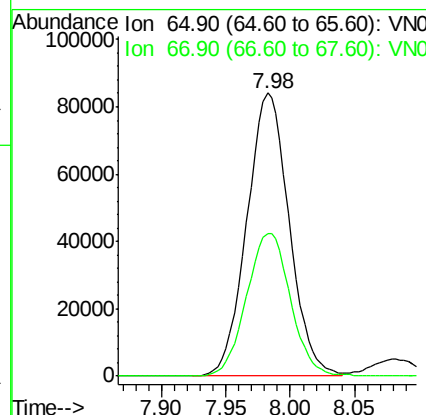
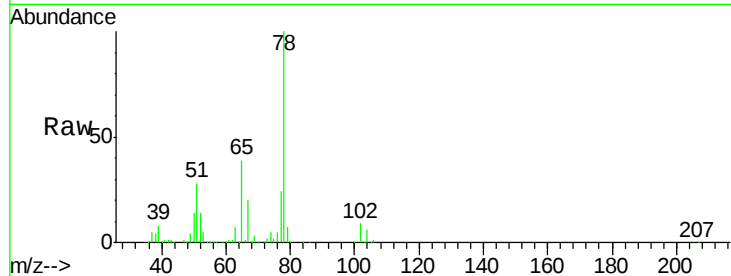
67 52.3 0.0 104.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.54 min Scan# 2106

Delta R.T. -0.01 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

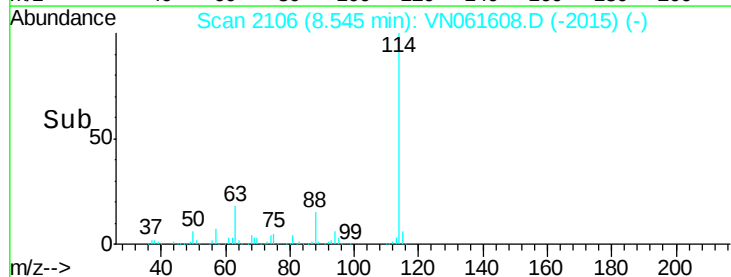
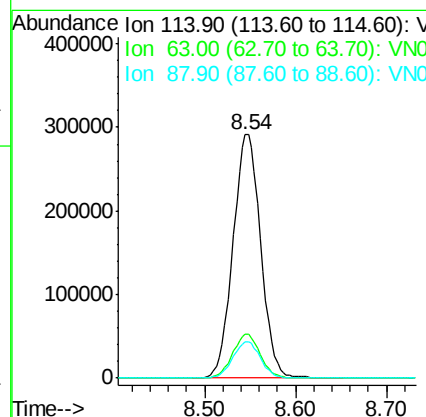
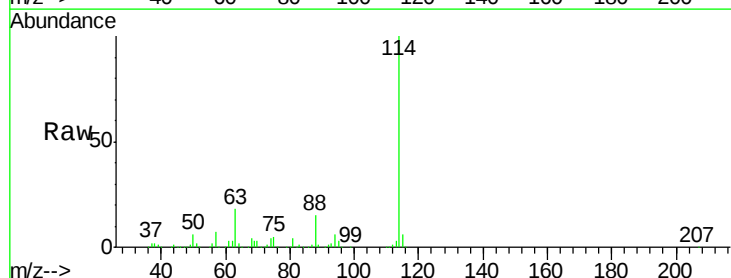
Tgt Ion: 114 Resp: 615148

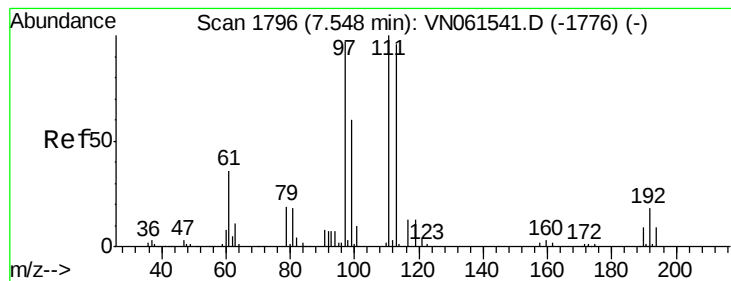
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.8

88 14.8 0.0 31.0





#35

Dibromofluoromethane

Concen: 48.174 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Instrument :

MSVOA_N

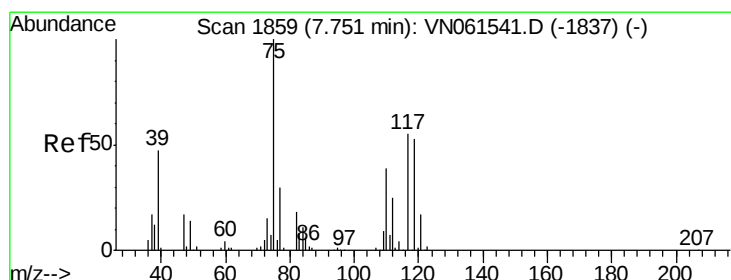
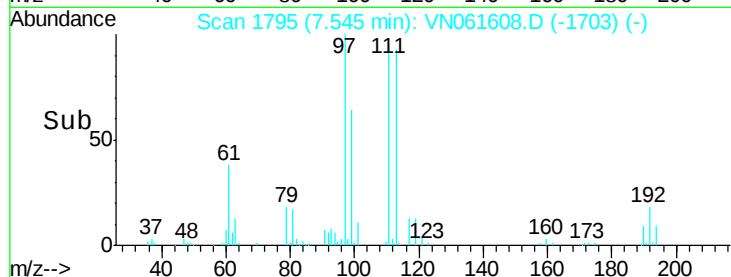
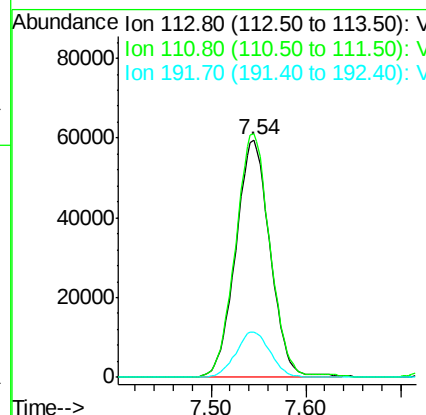
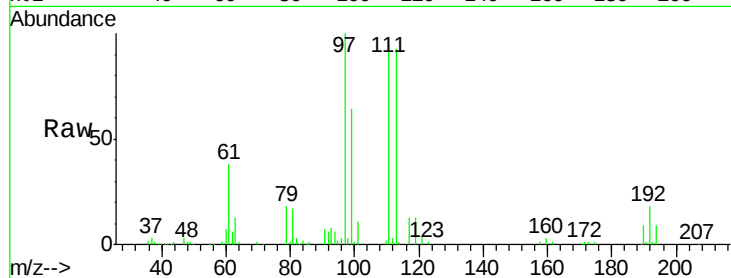
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	150329
Ion Ratio	Lower	Upper	
113	100		
111	102.9	83.4	125.0
192	19.2	15.4	23.2

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#36

1,1-Dichloropropene

Concen: 51.312 ug/l

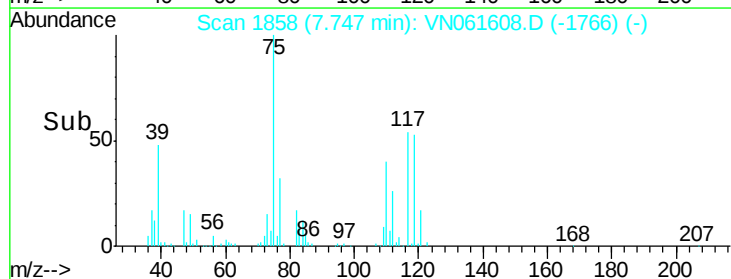
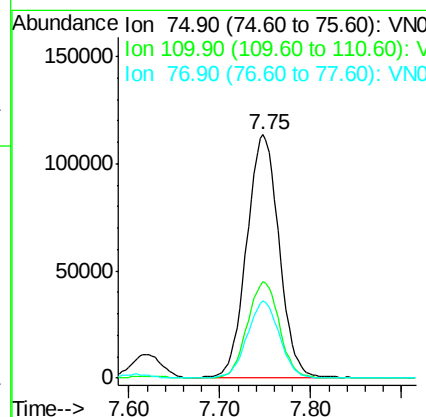
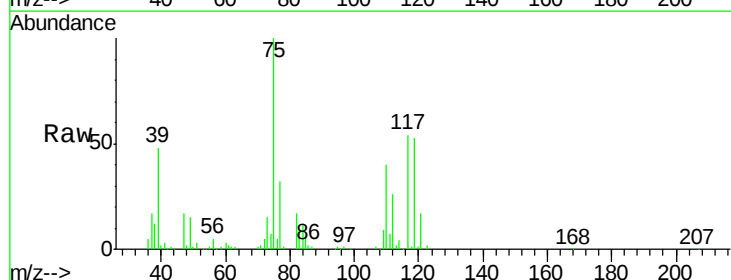
RT: 7.75 min Scan# 1858

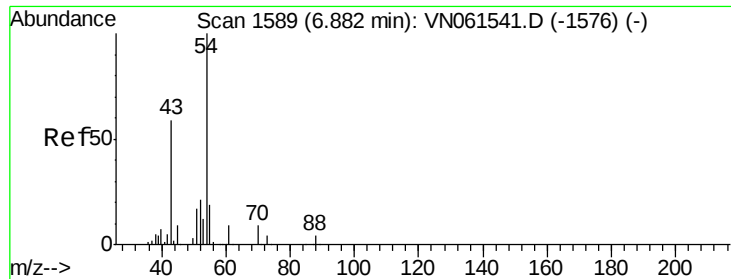
Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Tgt Ion:	75	Resp:	279429
Ion Ratio	Lower	Upper	
75	100		
110	39.2	19.5	58.5
77	31.7	24.7	37.1





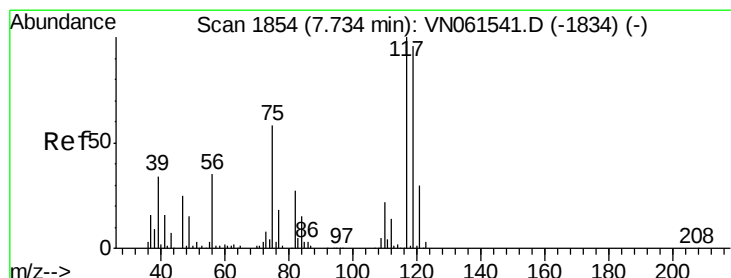
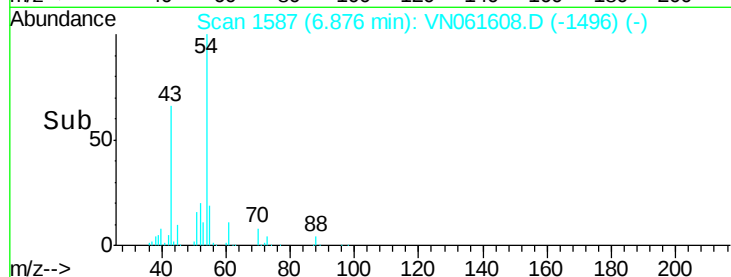
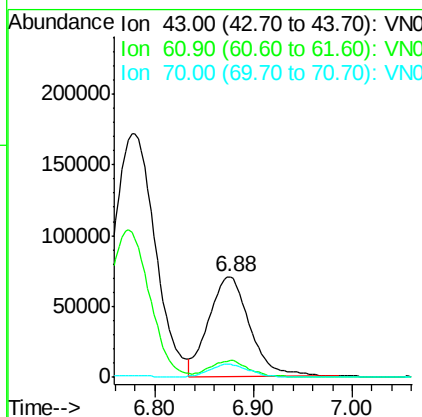
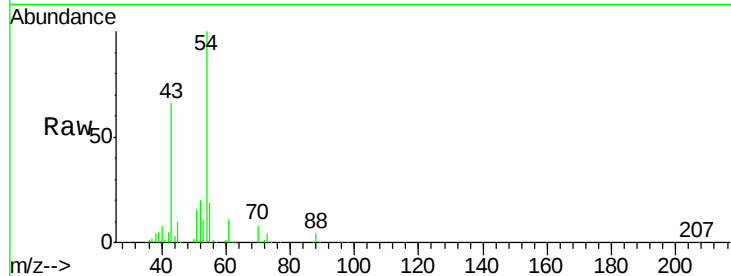
#37
Ethyl Acetate
Concen: 46.723 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.01 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.2	18.4
70	12.5	9.4	14.2

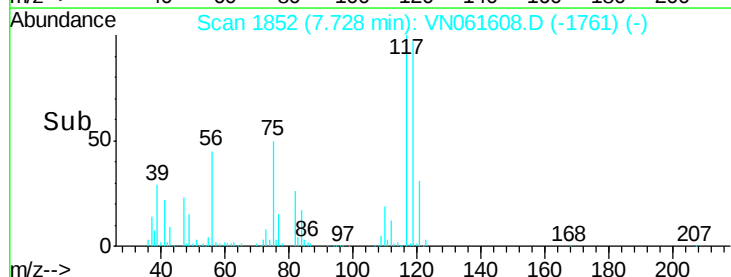
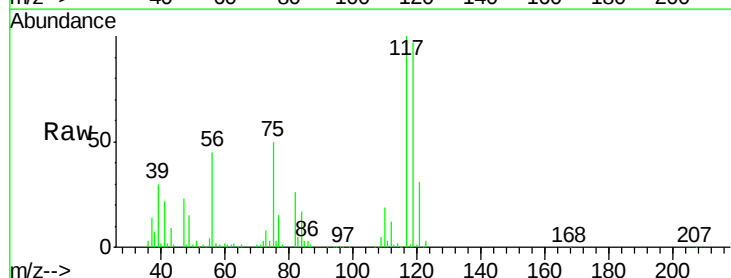
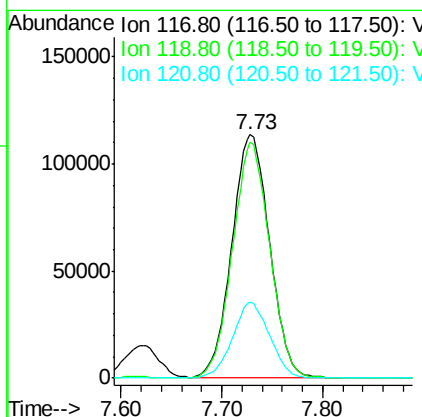
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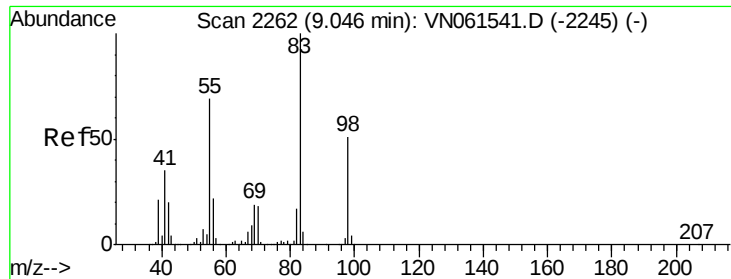
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#38
Carbon Tetrachloride
Concen: 55.834 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.01 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	76.5	114.7
121	31.2	24.1	36.1





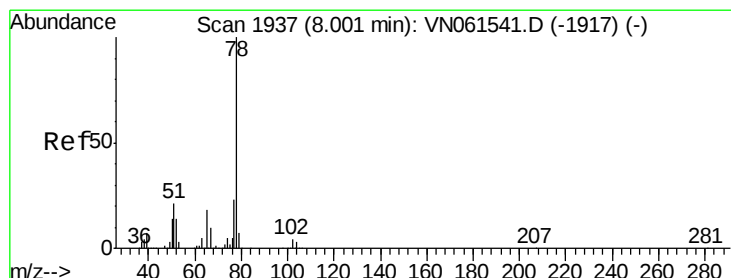
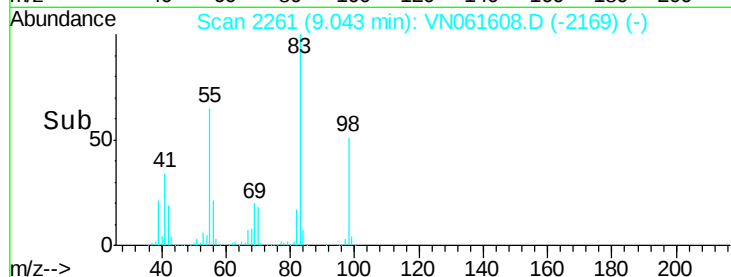
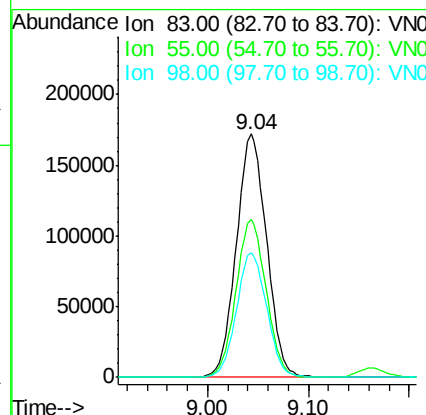
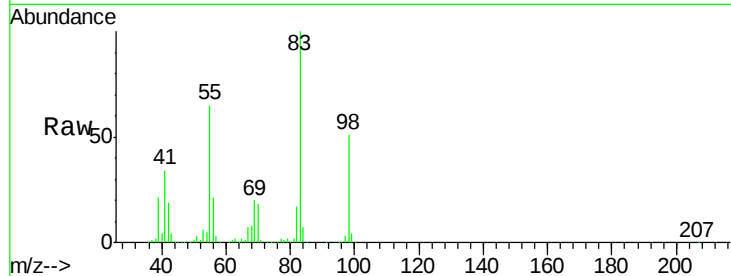
#39
Methvlcvclohexane
Concen: 53.546 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	83	Resp	359407
Ion	Ratio	Lower	Upper
83	100		
55	65.1	54.9	82.3
98	51.2	41.0	61.4

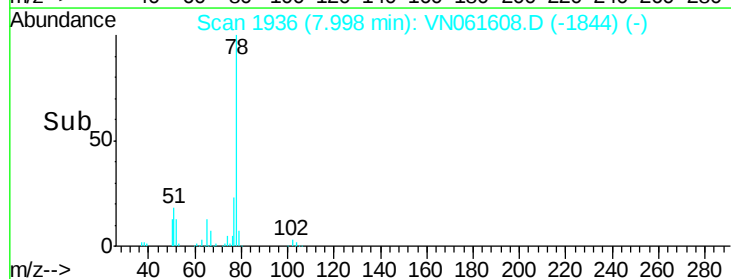
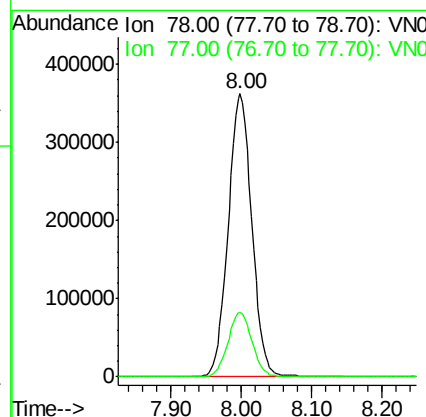
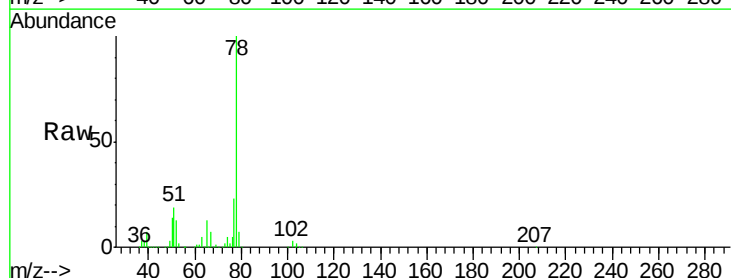
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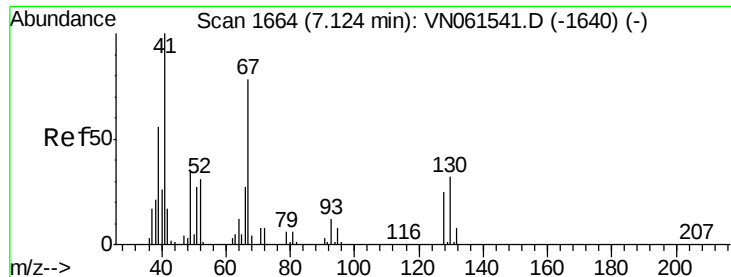
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#40
Benzene
Concen: 50.557 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Tgt Ion	78	Resp	849483
Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.6	28.0





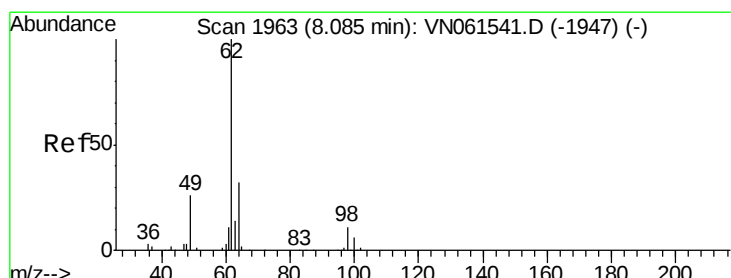
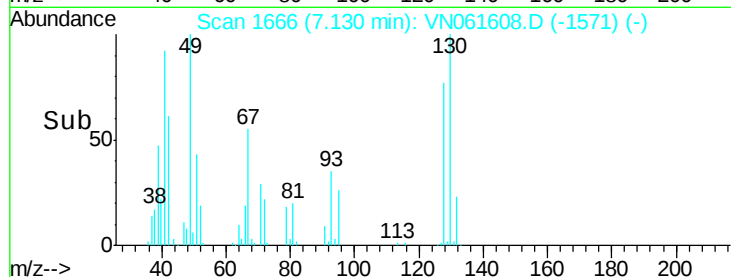
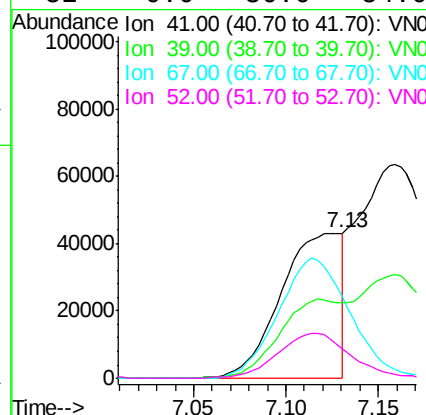
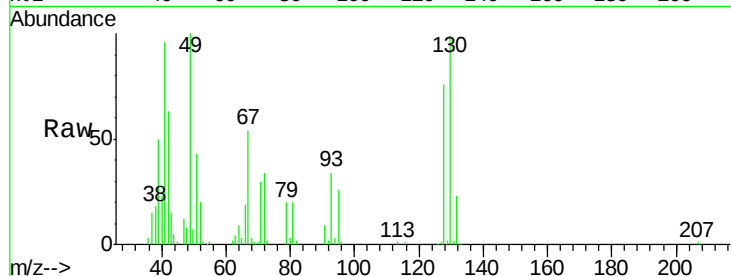
#41
Methacrylonitrile
Concen: 48.921 ug/l m
RT: 7.13 min Scan# 1666
Delta R.T. 0.01 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.8	80.6#
67	0.0	91.1	136.7#
52	0.0	36.0	54.0#

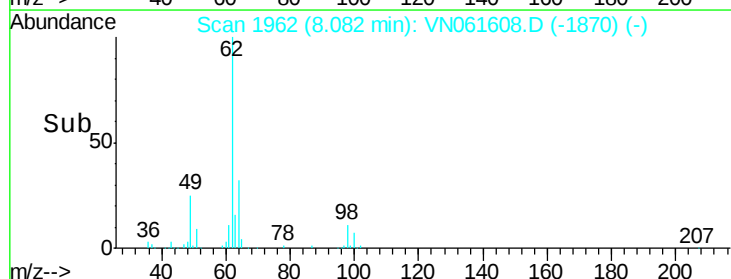
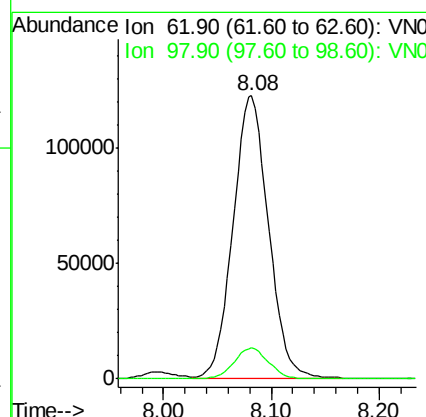
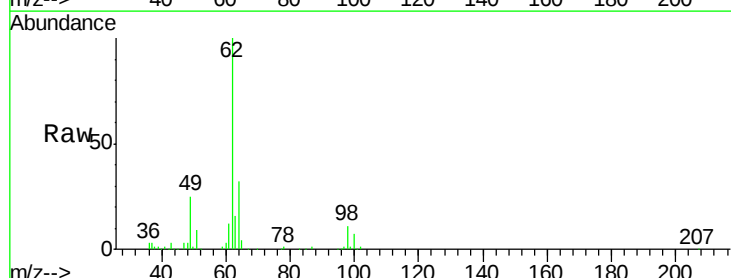
Manual Integrations
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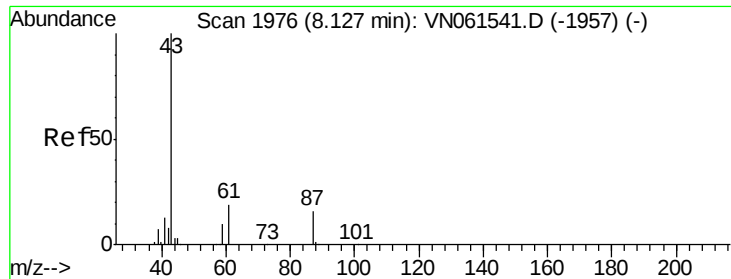
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#42
1,2-Dichloroethane
Concen: 49.684 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.4





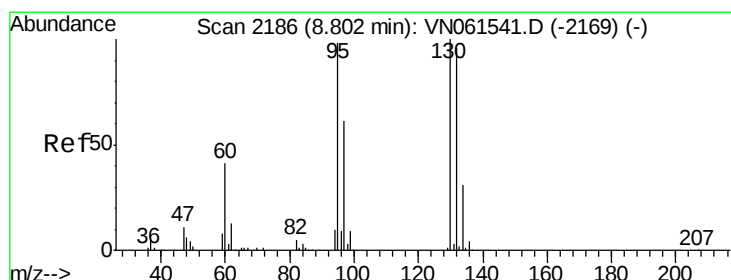
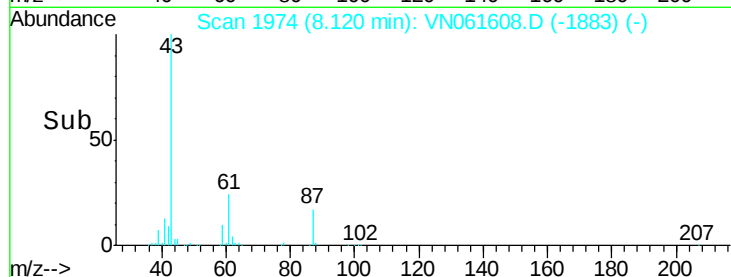
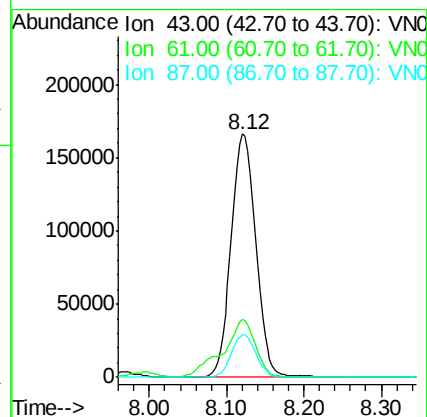
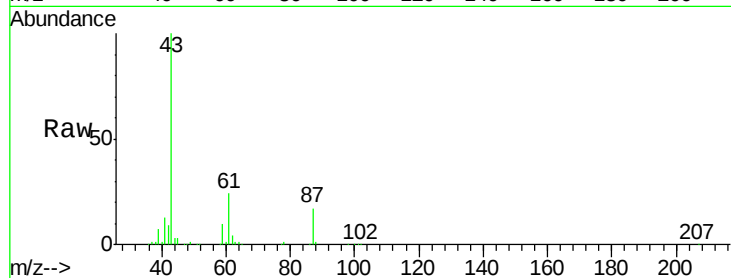
#43
Isopropyl Acetate
Concen: 46.565 ug/l
RT: 8.12 min Scan# 1974
Delta R.T. -0.01 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.2	23.6	35.4
87	17.4	13.0	19.6

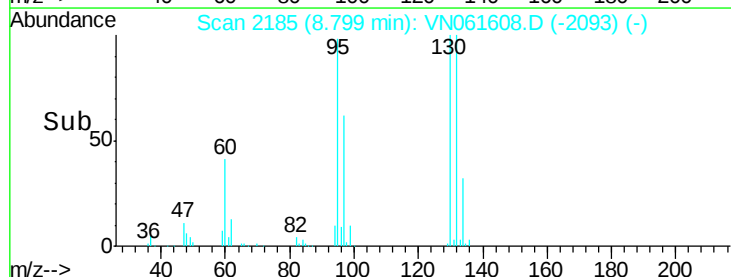
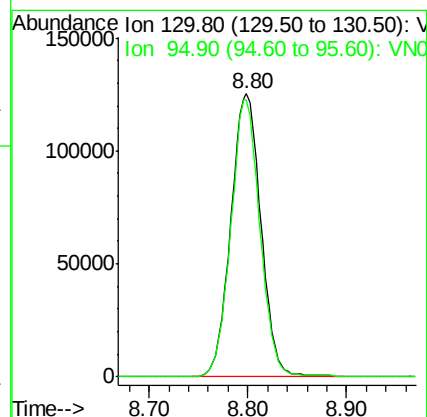
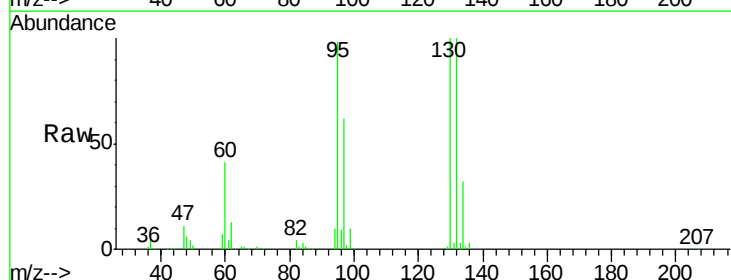
Manual Integrations
APPROVED

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6/3/2020 11:32:17 AM



#44
Trichloroethene
Concen: 51.693 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.1	0.0	196.6





#45

1,2-Dichloropropane

Concen: 50.326 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 63 Resp: 200789

Ion Ratio Lower Upper

63 100

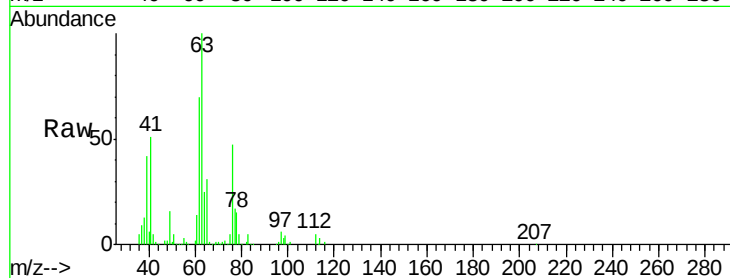
65 31.3 24.7 37.1

Manual Integrations

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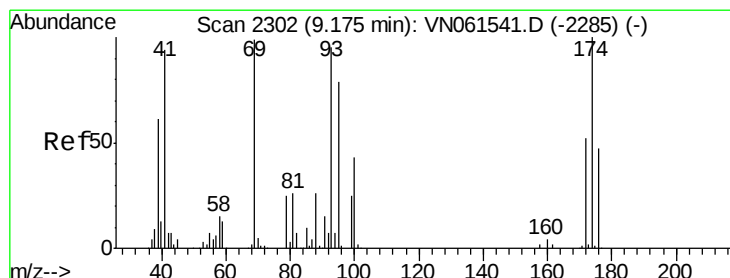
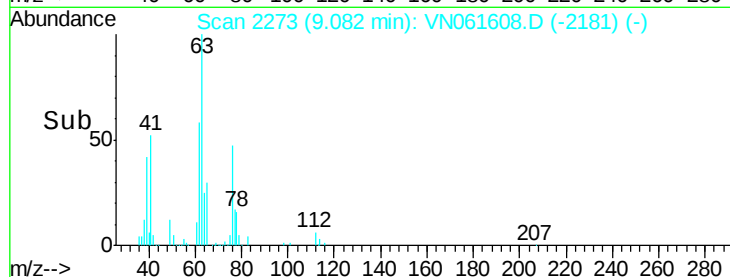
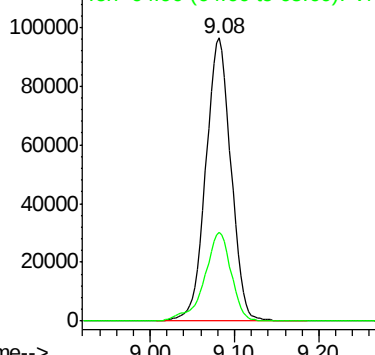
MMDadoda

6/3/2020 11:32:17 AM



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 49.984 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

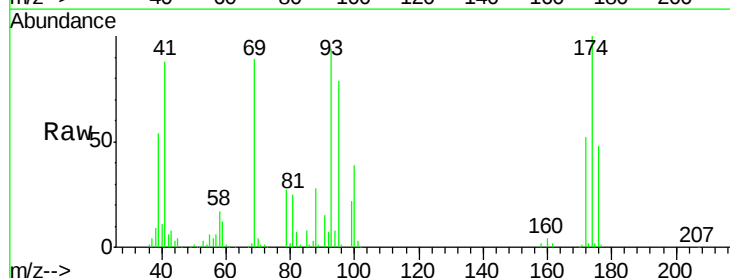
Tgt Ion: 93 Resp: 152948

Ion Ratio Lower Upper

93 100

95 83.4 66.0 99.0

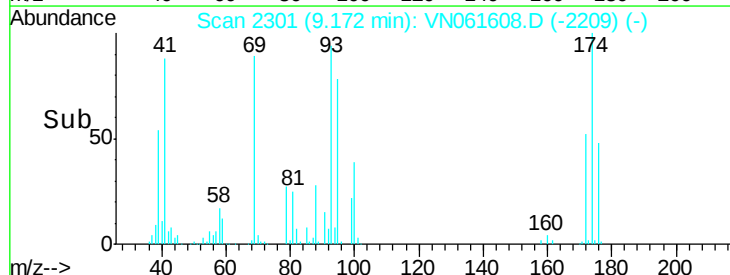
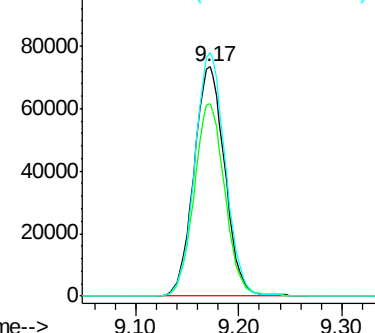
174 104.5 82.5 123.7

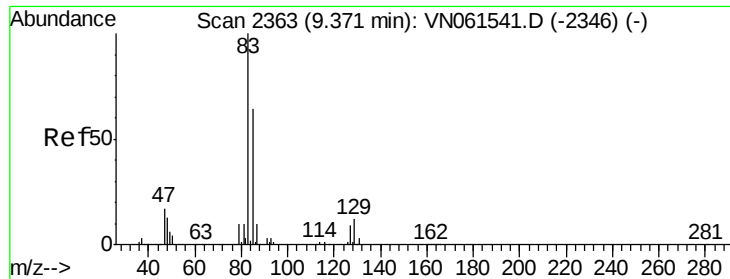


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.646 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Instrument :

MSVOA_N

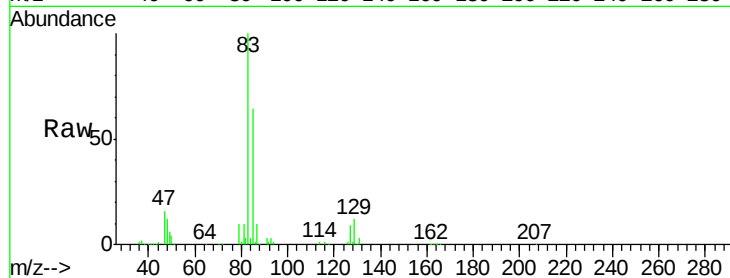
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	313103
Ion Ratio	Lower	Upper	
83	100		
85	64.5	51.1	76.7
127	8.7	7.2	10.8

Manual Integrations
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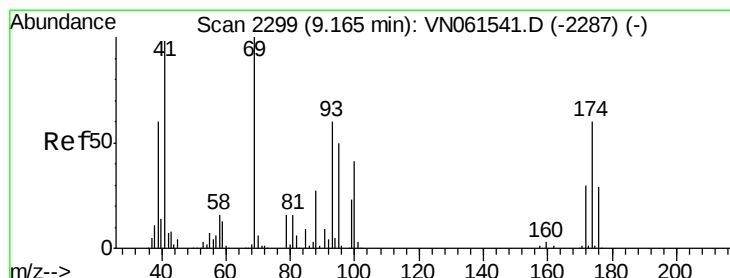
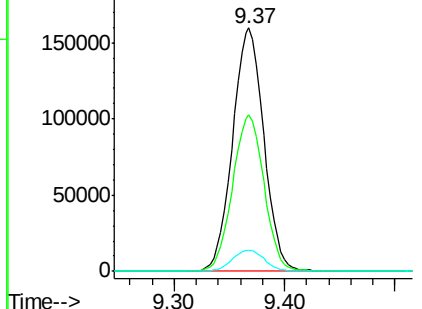
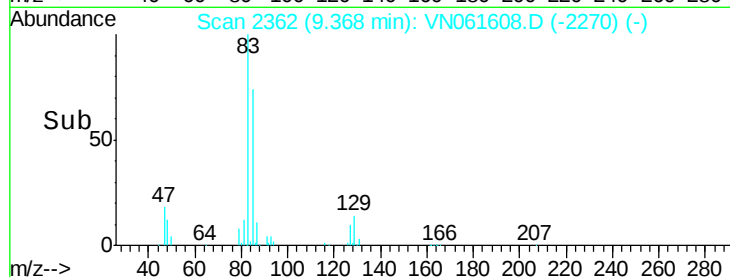


Abundance Ion 82.90 (82.60 to 83.60): VN061608.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN061608.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN061608.D (-2270) (-)

Time-->



#48

Methyl methacrylate

Concen: 45.634 ug/l

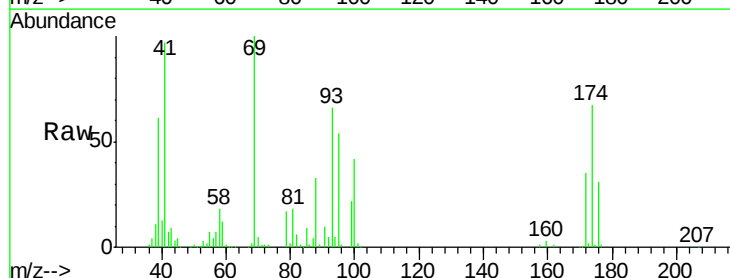
RT: 9.16 min Scan# 2298

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Tgt Ion:	41	Resp:	162014
Ion Ratio	Lower	Upper	
41	100		
69	105.8	83.9	125.9
39	63.9	52.1	78.1

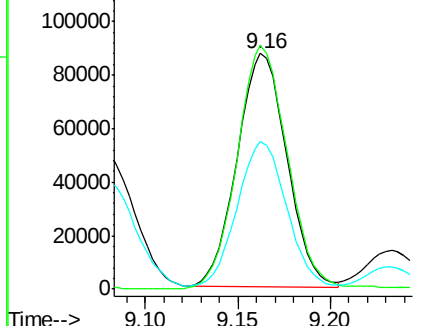
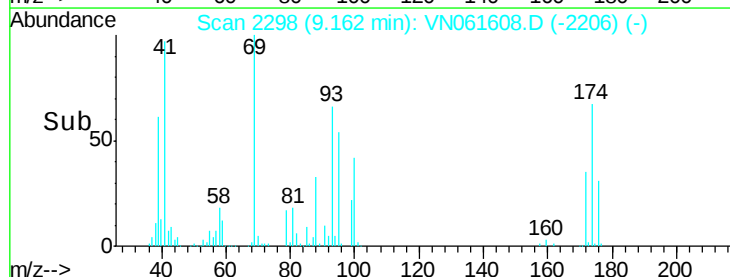


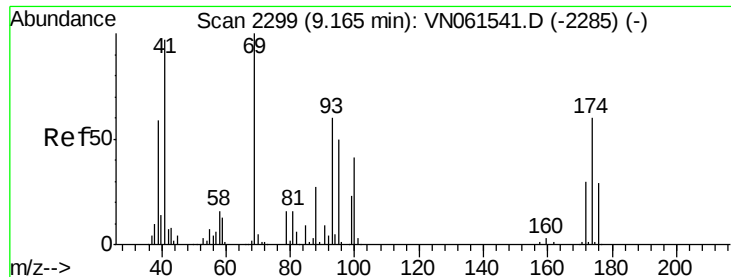
Abundance Ion 41.00 (40.70 to 41.70): VN061608.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061608.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061608.D (-2206) (-)

Time-->





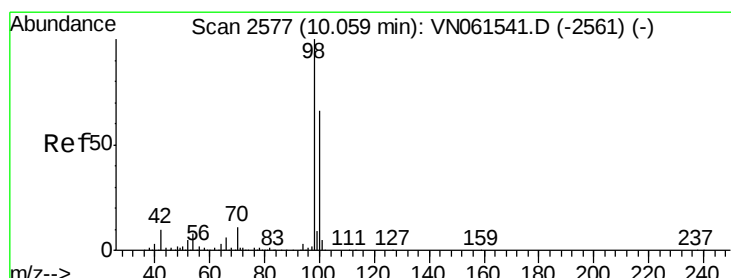
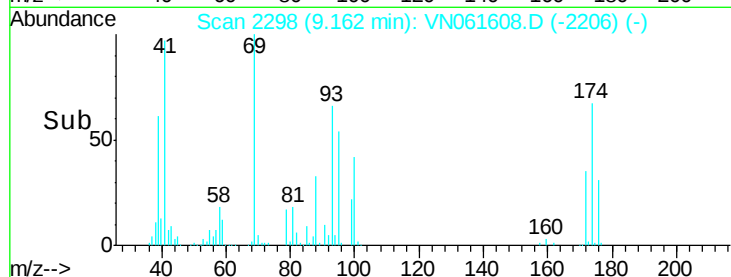
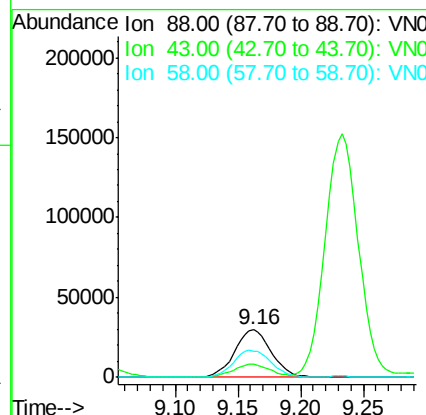
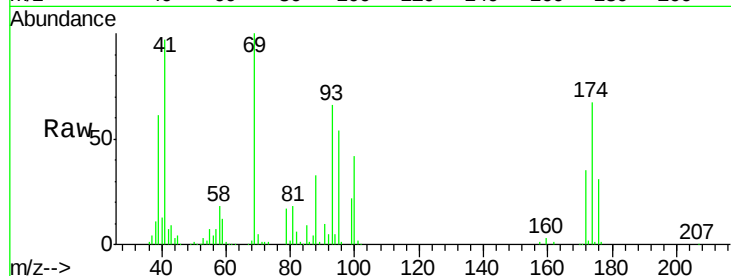
#49
1,4-Dioxane
Concen: 1104.712 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.6	23.1	34.7
58	58.7	48.3	72.5

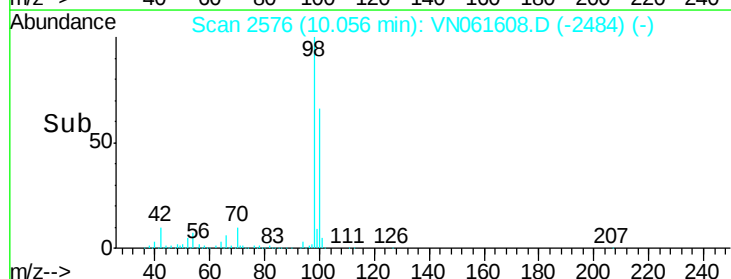
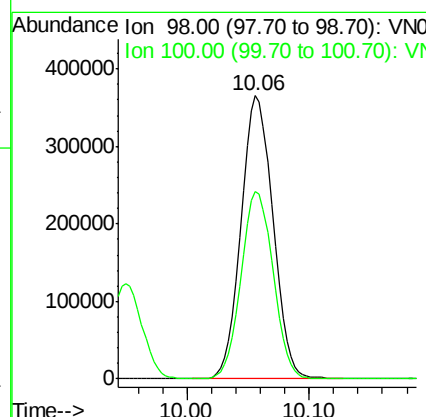
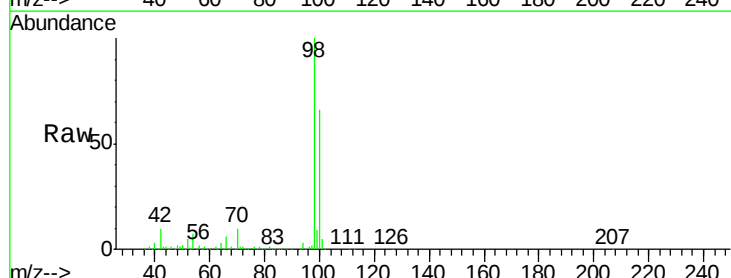
Manual Integrations
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#50
Toluene-d8
Concen: 45.740 ug/l
RT: 10.06 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.8	79.2





#51

4-Methyl-2-Pentanone

Concen: 232.056 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1031918

Ion Ratio Lower Upper

43 100

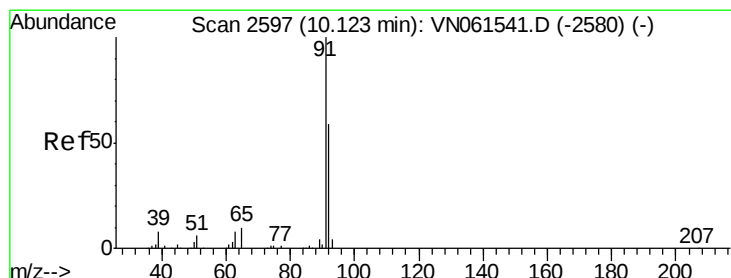
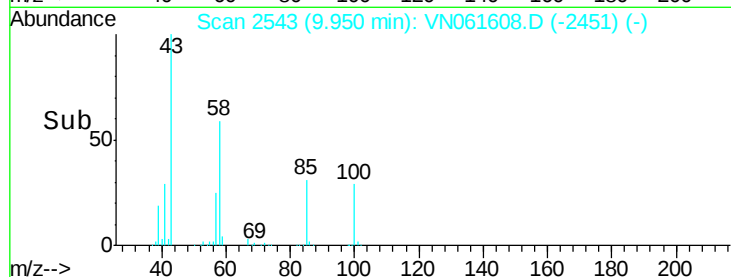
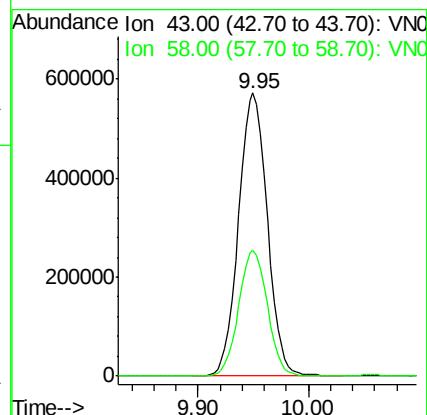
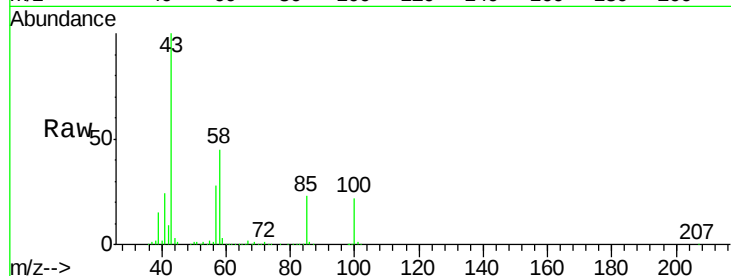
58 44.6 35.0 52.6

Manual Integrations

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#52

Toluene

Concen: 52.693 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN061608.D

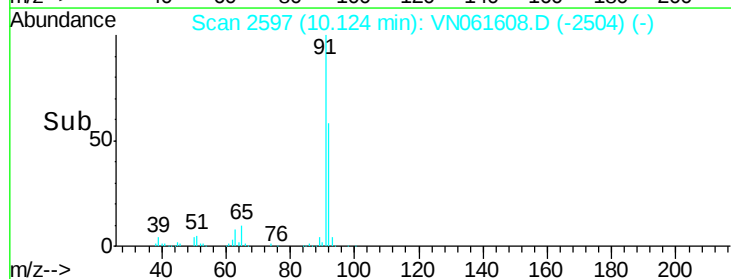
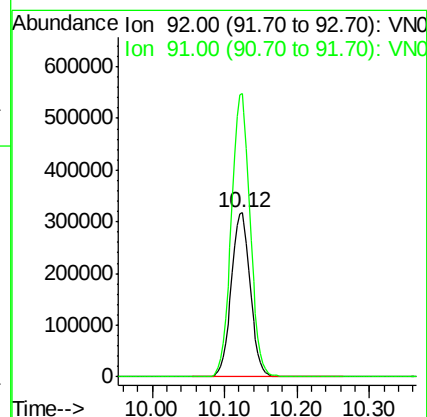
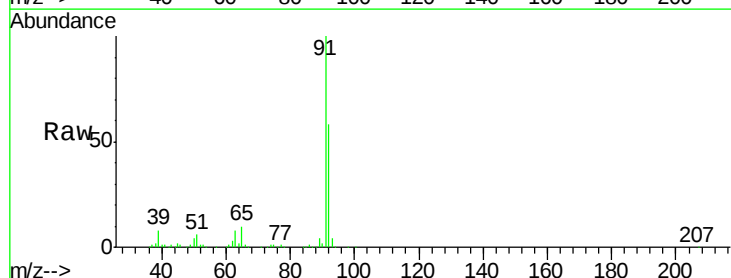
Acq: 2 Jun 2020 9:47

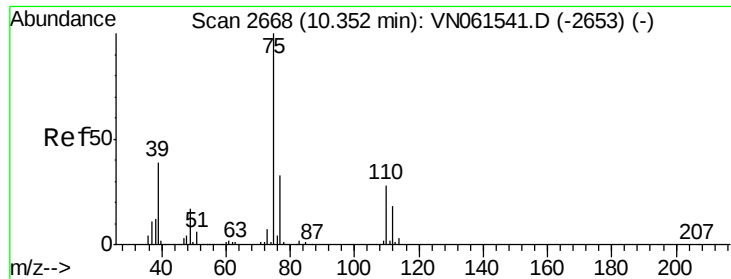
Tgt Ion: 92 Resp: 577862

Ion Ratio Lower Upper

92 100

91 170.9 136.4 204.6





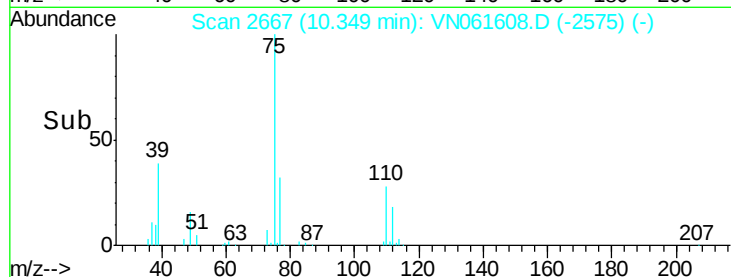
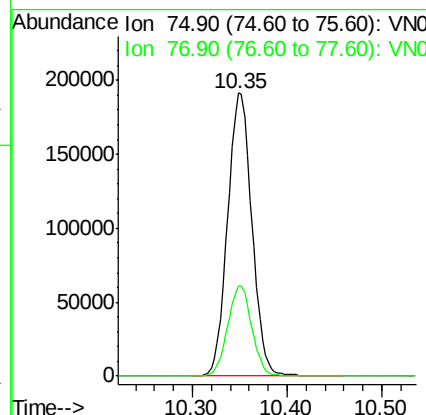
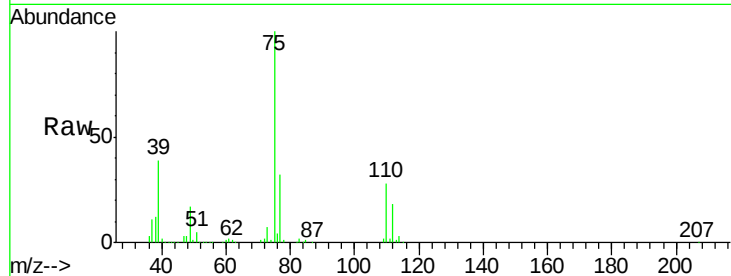
#53
t-1,3-Dichloropropene
Concen: 52.423 ug/l
RT: 10.35 min Scan# 2667
Delta R.T. -0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 342365
Ion Ratio Lower Upper
75 100
77 31.9 26.2 39.4

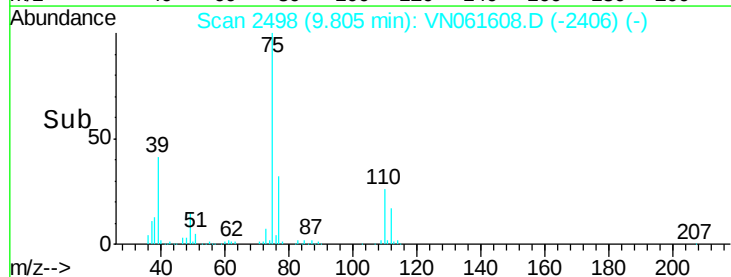
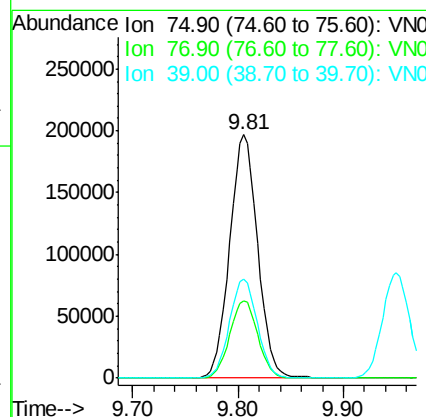
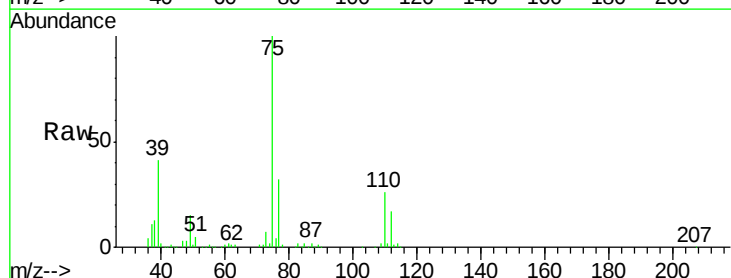
Manual Integrations
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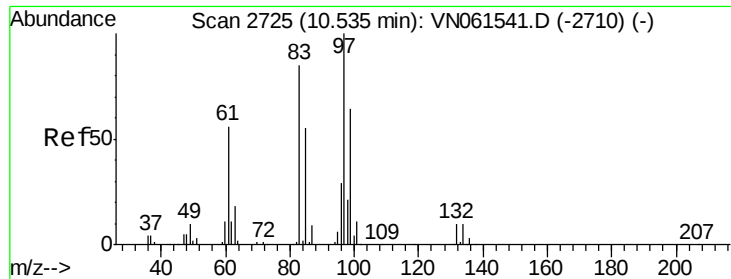
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 51.417 ug/l
RT: 9.81 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Tgt Ion: 75 Resp: 361058
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2
39 40.4 33.8 50.6





#55

1,1,2-Trichloroethane

Concen: 50.505 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Instrument :

MSVOA_N

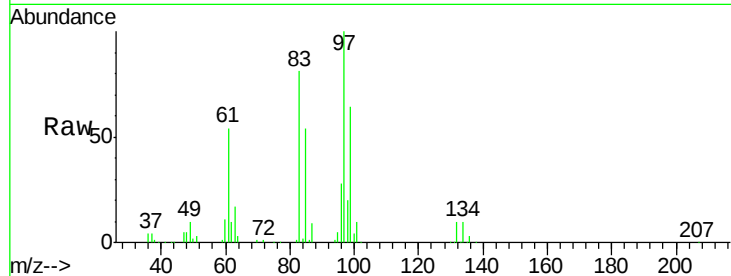
ClientSampled :

VSTDCCC050

Tot Ion:	97	Resp:	220667
Ion	Ratio	Lower	Upper
97	100		
83	81.3	68.1	102.1
85	54.0	44.1	66.1
99	63.8	51.1	76.7

Manual Integrations
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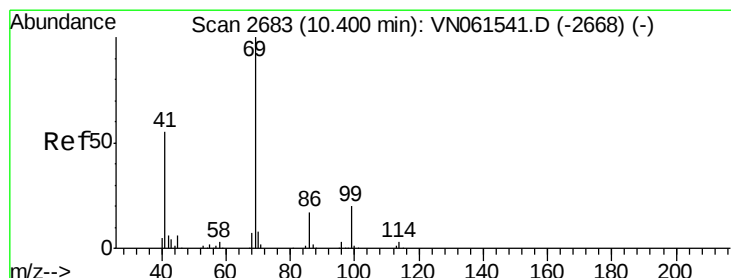
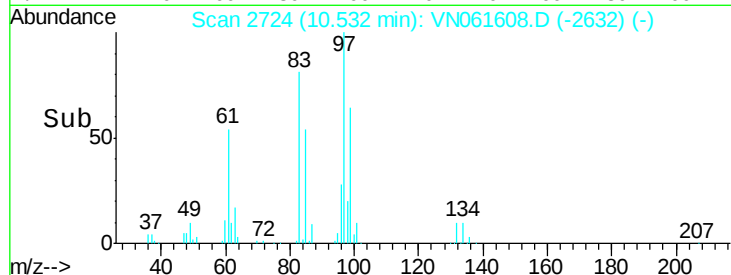
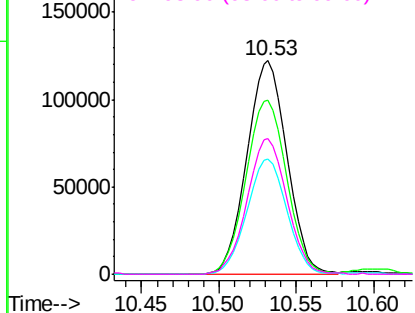
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 51.208 ug/l

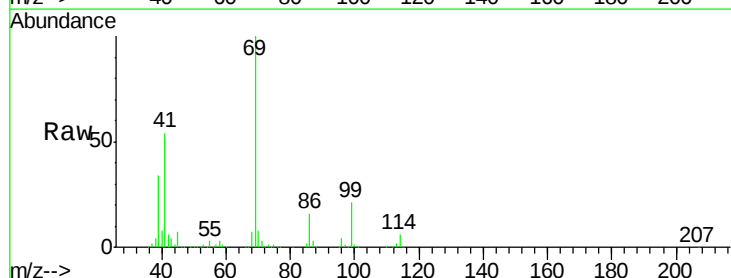
RT: 10.40 min Scan# 2682

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Tgt Ion:	69	Resp:	312540
Ion	Ratio	Lower	Upper
69	100		
41	52.6	43.5	65.3
39	32.8	27.0	40.6

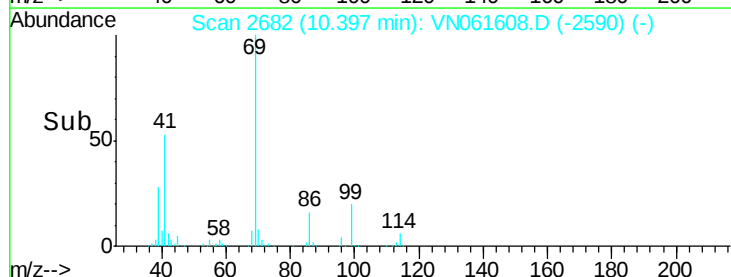
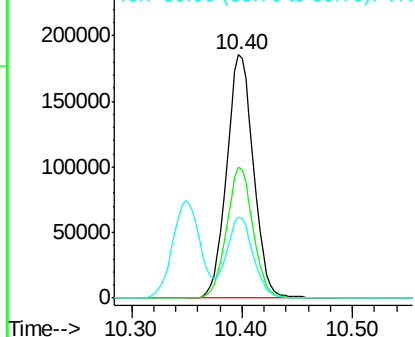


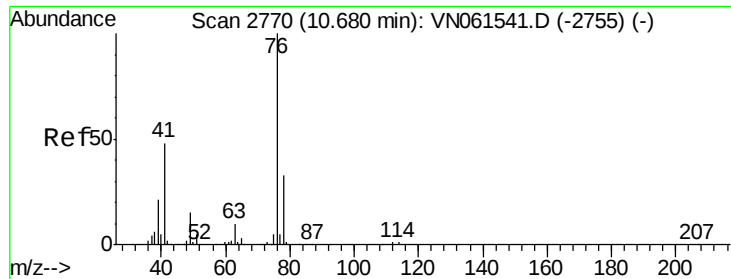
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





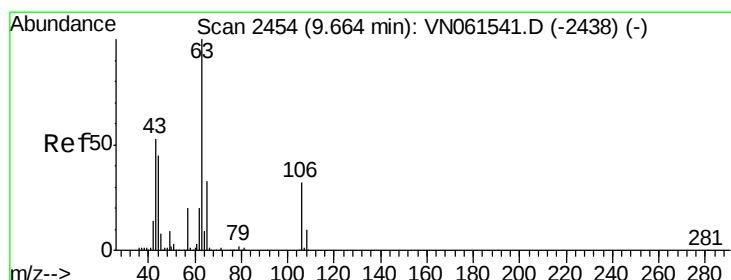
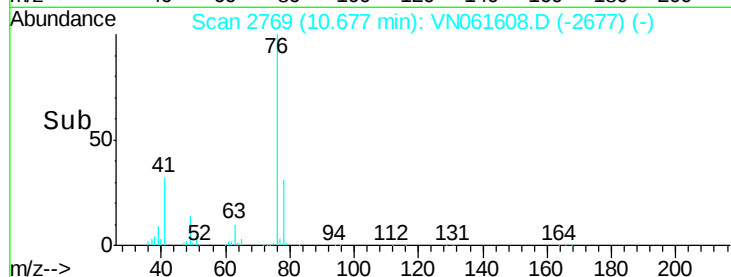
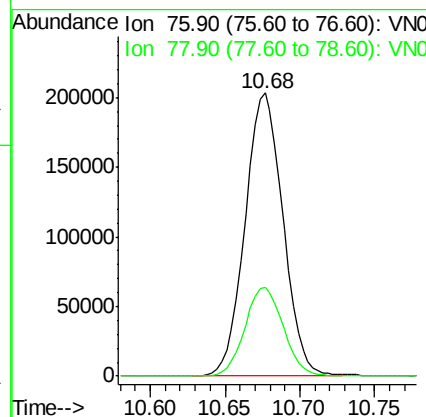
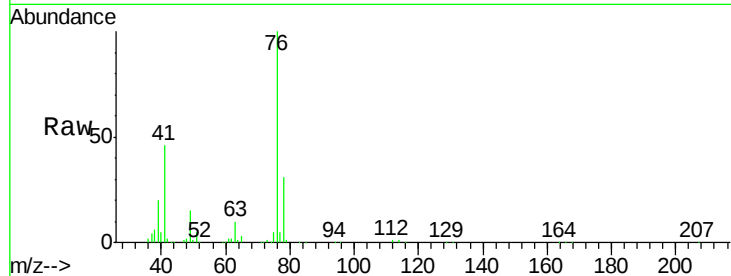
#57
 1,3-Dichloropropane
 Concen: 51.401 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061608.D
 Acq: 2 Jun 2020 9:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 359189
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.3 39.5

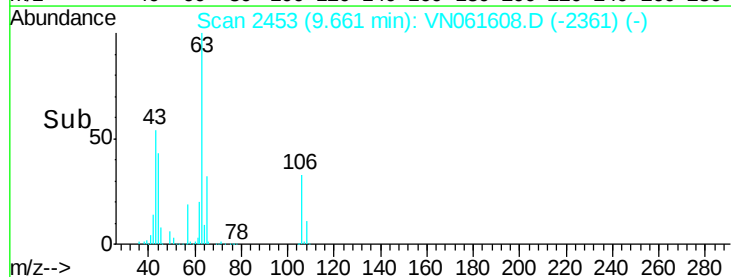
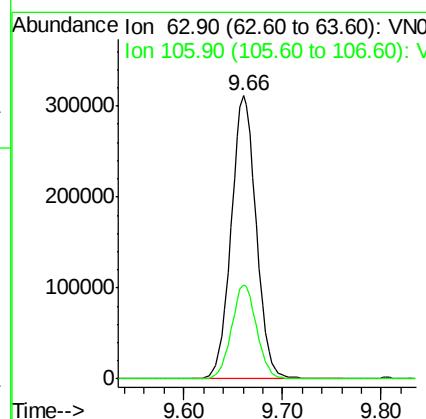
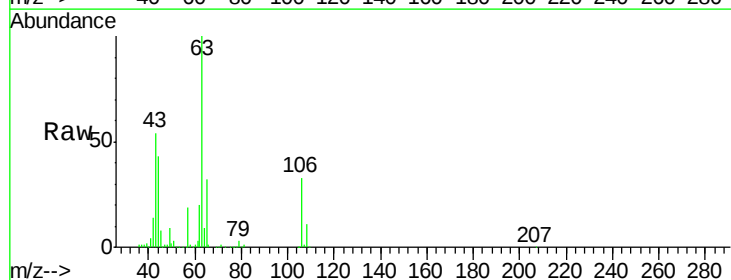
Manual Integrations
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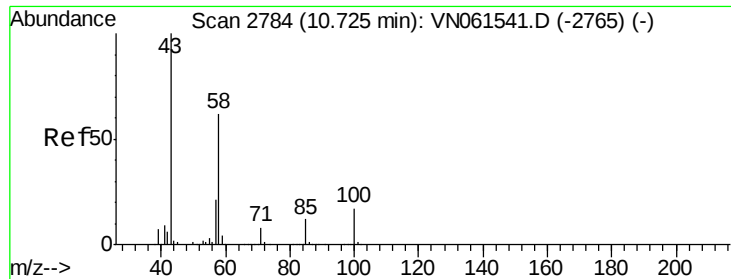
MMDadoda
 6/3/2020 11:32:17 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 211.976 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN061608.D
 Acq: 2 Jun 2020 9:47

Tgt Ion: 63 Resp: 552882
 Ion Ratio Lower Upper
 63 100
 106 33.1 25.9 38.9





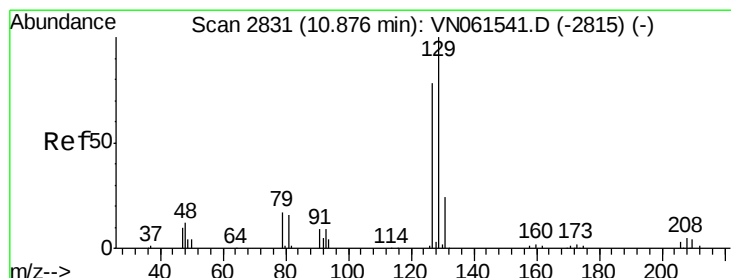
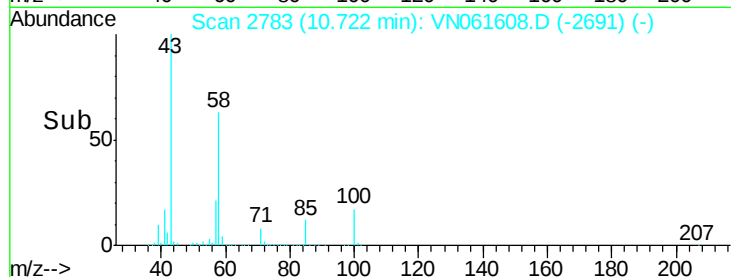
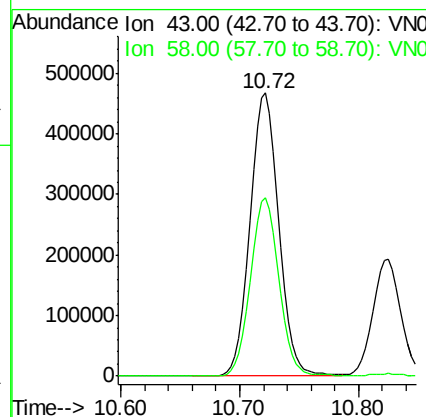
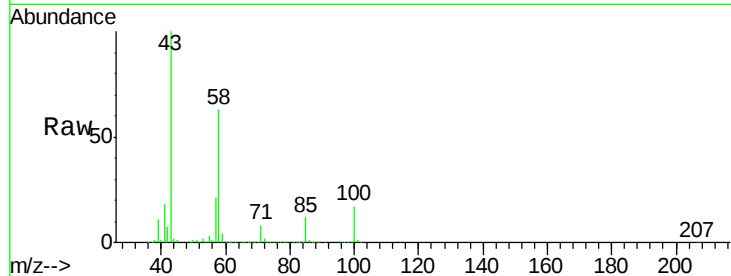
#59
2-Hexanone
Concen: 244.448 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 780670
Ion Ratio Lower Upper
43 100
58 62.6 30.7 92.1

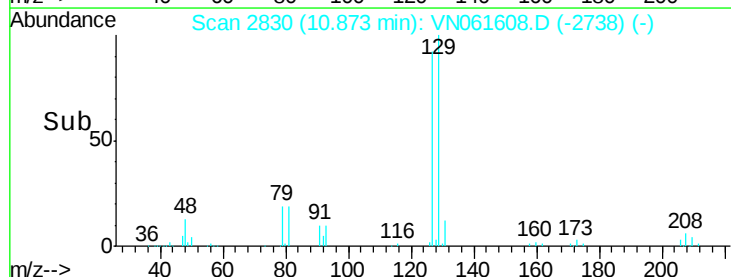
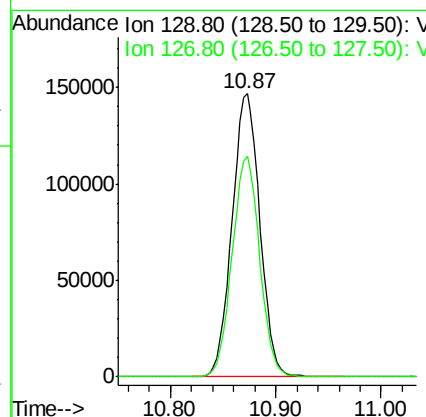
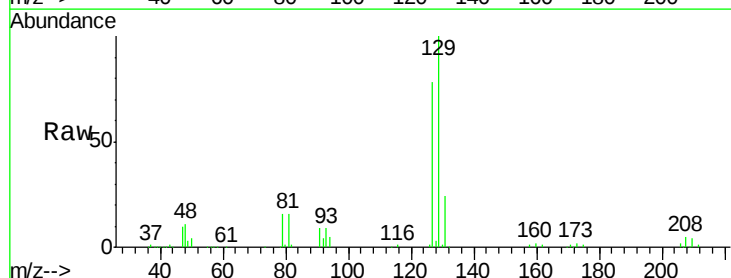
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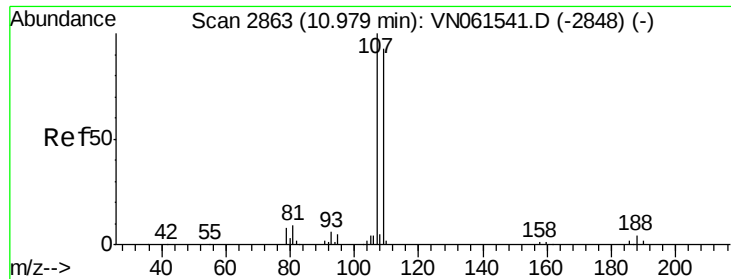
MMDadoda
6/3/2020 11:32:17 AM



#60
Dibromochloromethane
Concen: 53.918 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Tgt Ion: 129 Resp: 267817
Ion Ratio Lower Upper
129 100
127 76.8 38.8 116.3





#61

1,2-Dibromoethane

Concen: 52.508 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 107 Resp: 239271

Ion Ratio Lower Upper

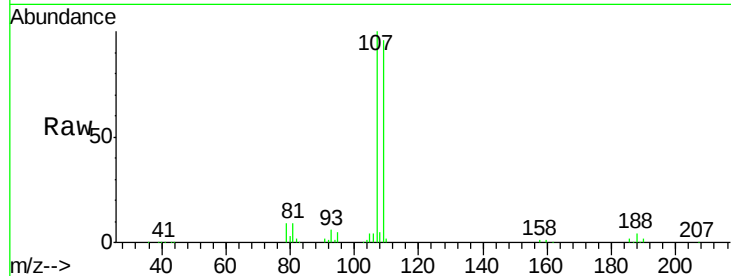
107 100

109 95.3 76.1 114.1

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.98

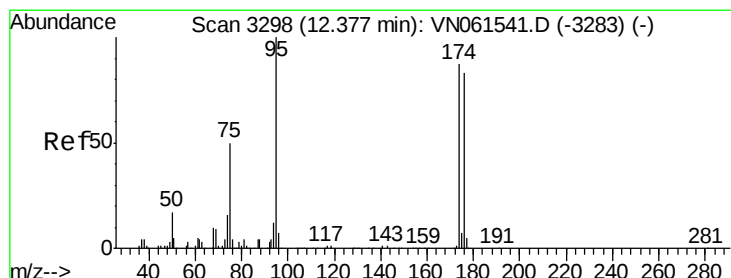
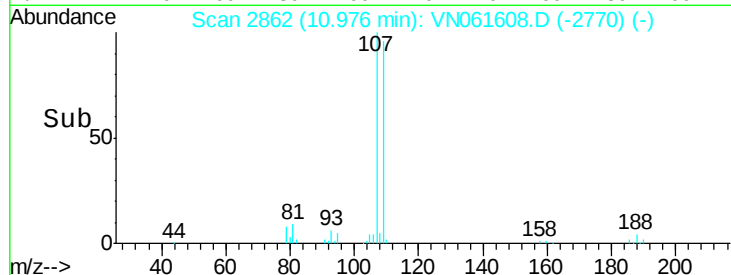
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.677 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

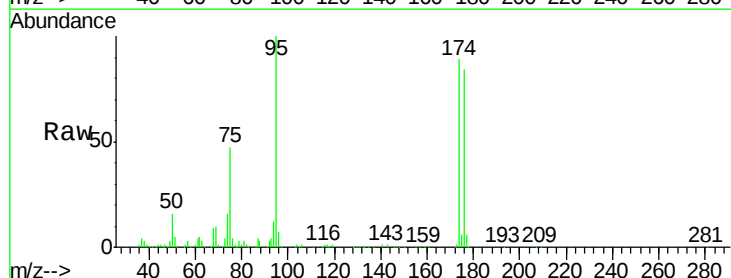
Tgt Ion: 95 Resp: 246264

Ion Ratio Lower Upper

95 100

174 87.8 0.0 172.8

176 83.8 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

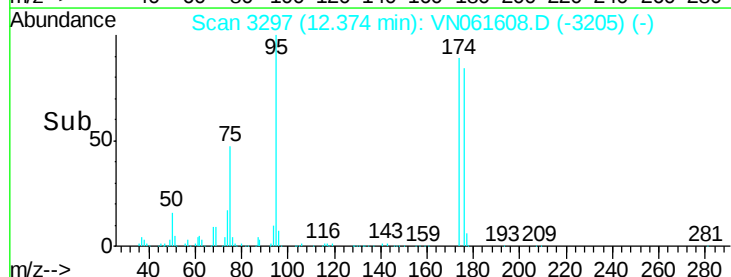
150000

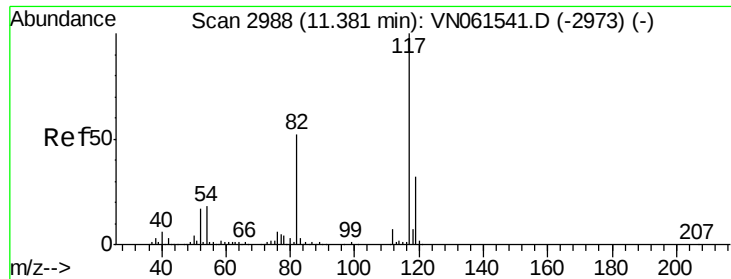
100000

50000

0

Time-->





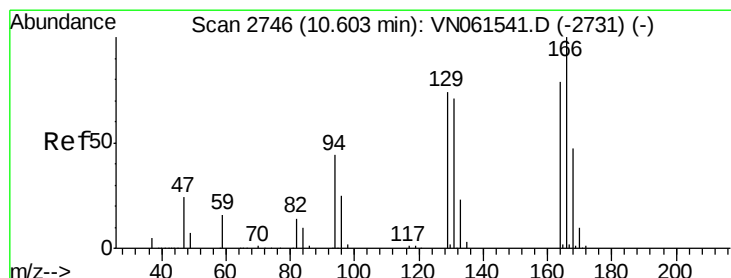
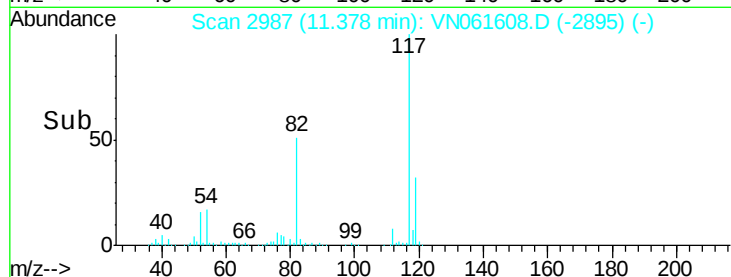
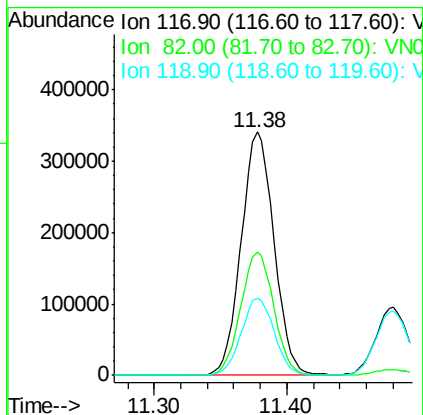
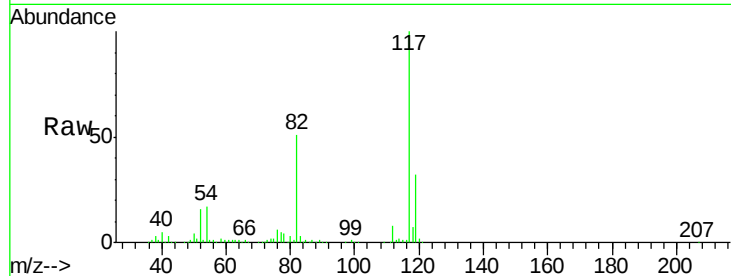
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	586159		
82	50.7		41.5	62.3
119	31.8		25.6	38.4

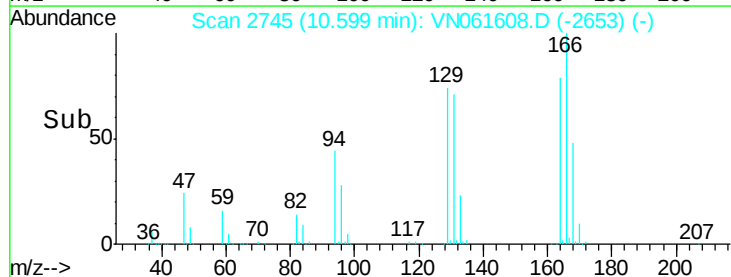
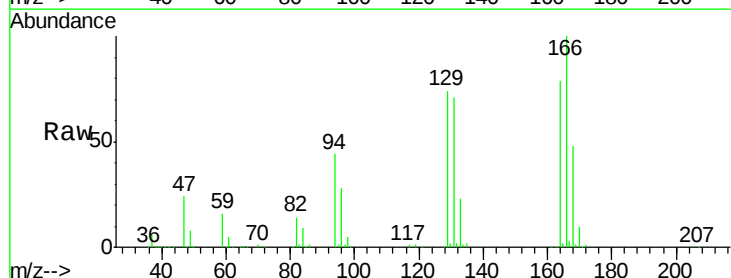
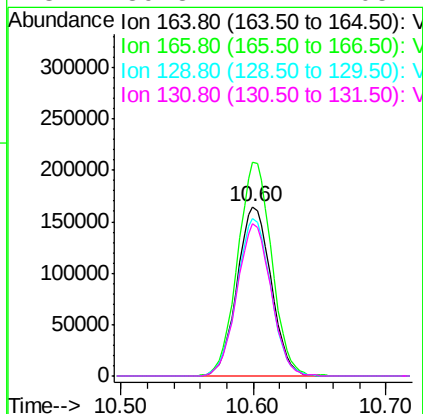
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#64
Tetrachloroethene
Concen: 53.055 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	292736		
166	126.4		101.5	152.3
129	93.0		74.9	112.3
131	89.8		72.2	108.2





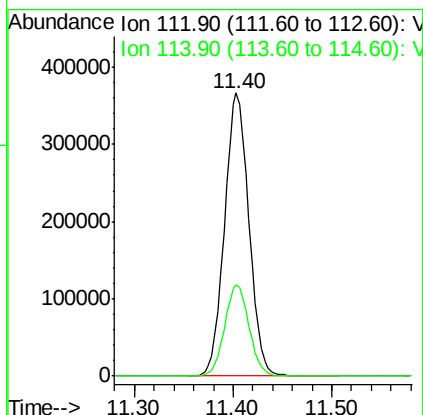
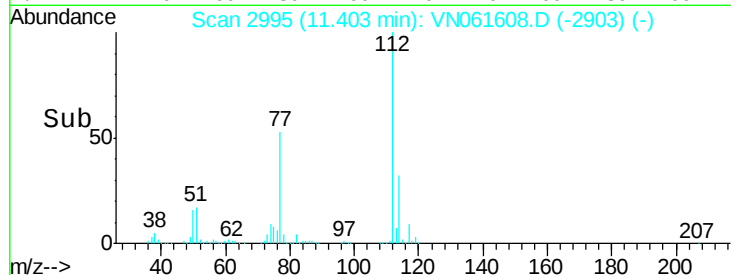
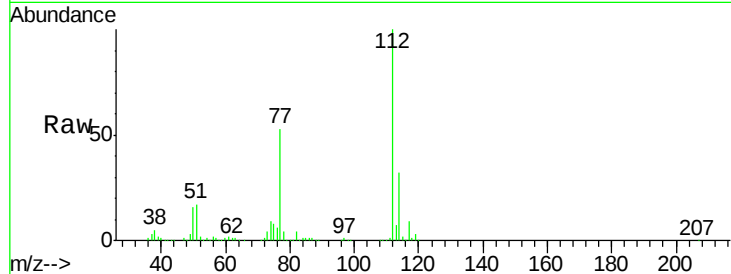
#65
Chlorobenzene
Concen: 52.208 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion:112 Resp: 636102
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5

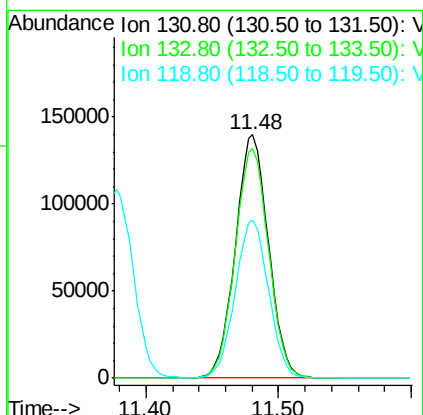
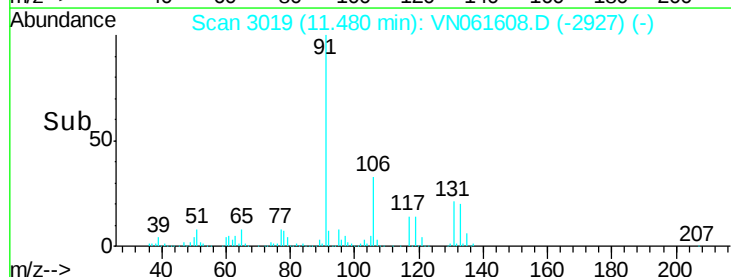
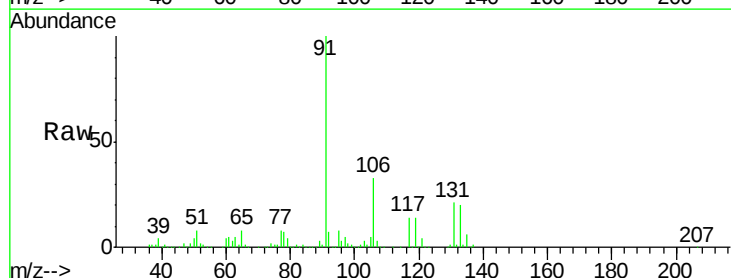
Manual Integrations
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.323 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Tgt Ion:131 Resp: 241913
Ion Ratio Lower Upper
131 100
133 95.4 47.4 142.2
119 65.4 32.6 97.8





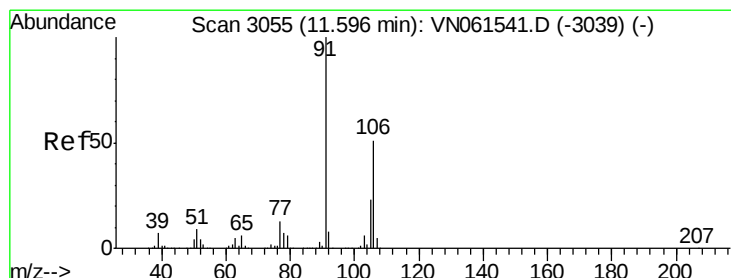
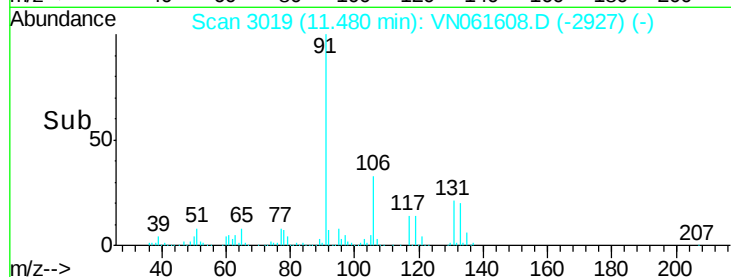
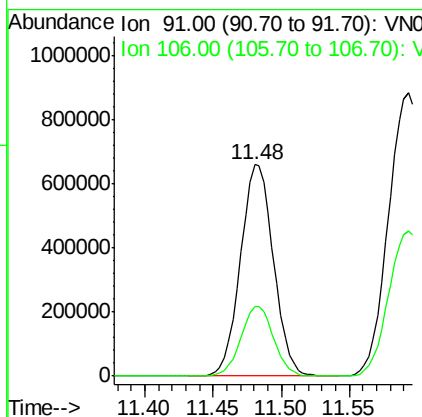
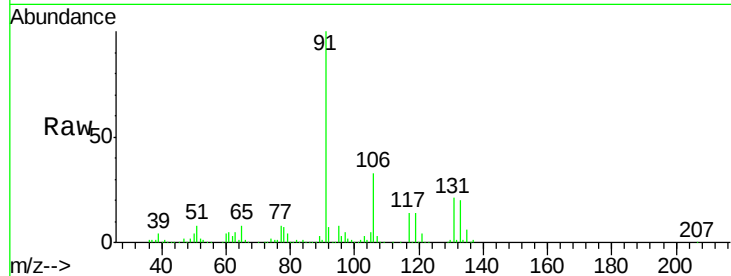
#67
Ethyl Benzene
Concen: 52.638 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 1108494
Ion Ratio Lower Upper
91 100
106 32.7 25.6 38.4

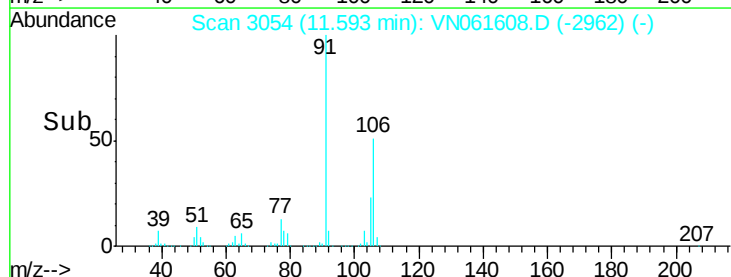
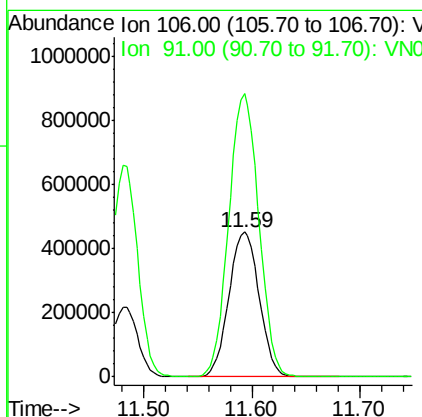
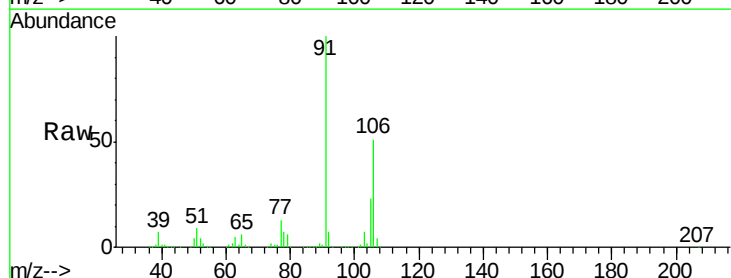
Manual Integrations
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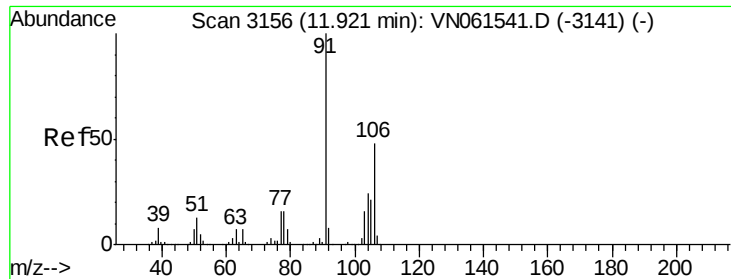
MMDadoda
6/3/2020 11:32:17 AM



#68
m/p-Xylenes
Concen: 105.440 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Tgt Ion: 106 Resp: 880417
Ion Ratio Lower Upper
106 100
91 194.4 156.2 234.4





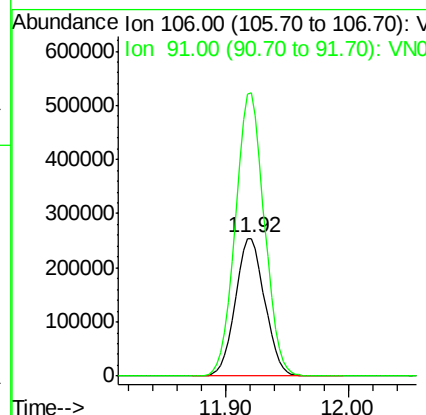
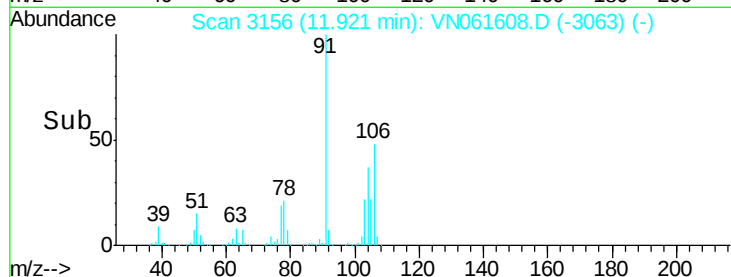
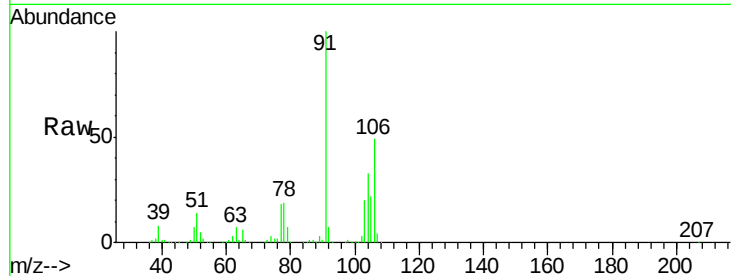
#69
o-Xylene
Concen: 53.718 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	203.2	103.3	309.8	

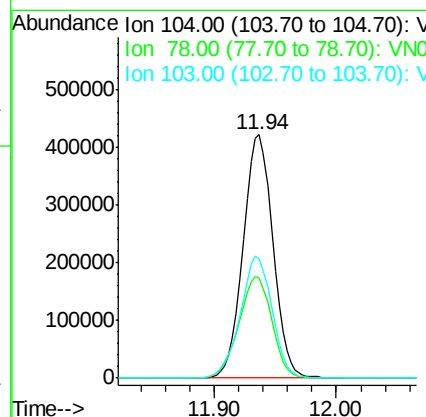
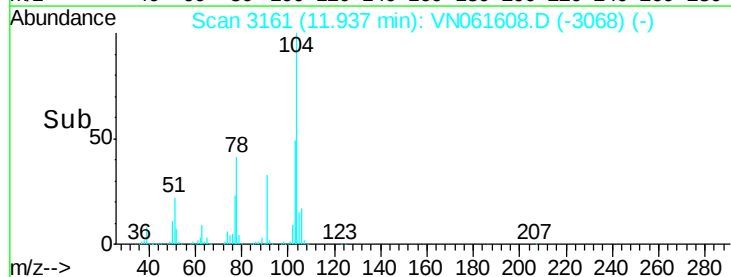
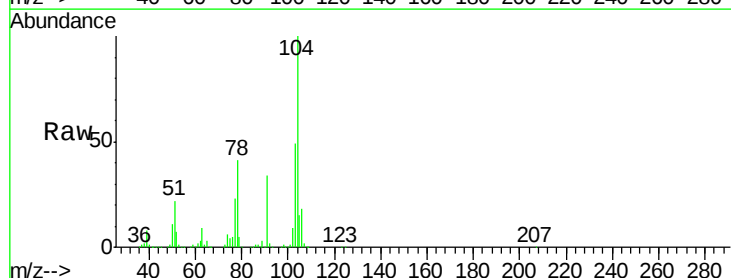
Manual Integrations
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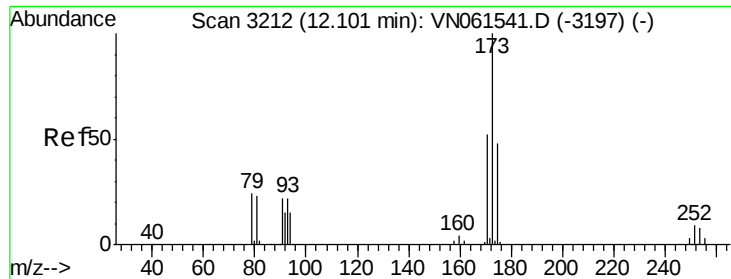
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#70
Styrene
Concen: 54.264 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	46.4	37.4	56.0	
103	53.6	42.3	63.5	





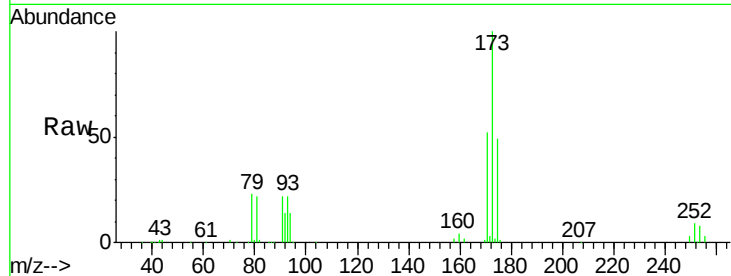
#71
Bromoform
Concen: 53.485 ug/l
RT: 12.10 min Scan# 3211
Delta R.T. -0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

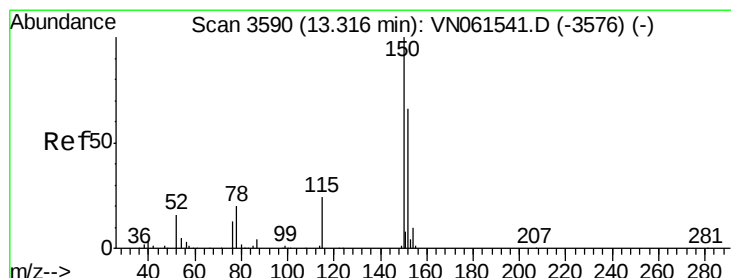
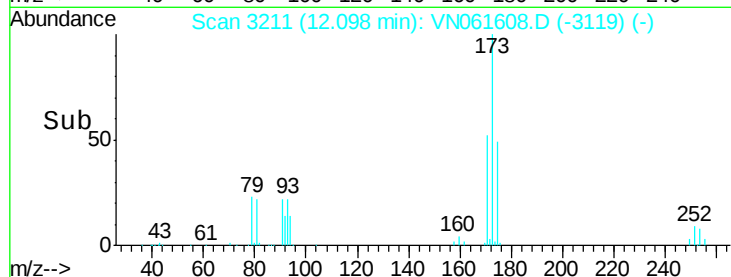
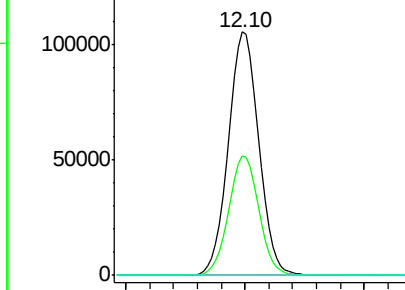
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.4	73.2
254	0.0	0.0	0.0

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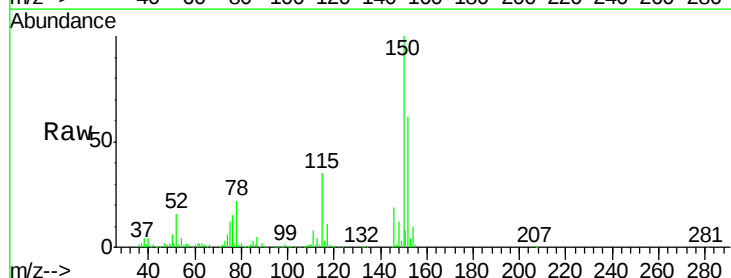


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

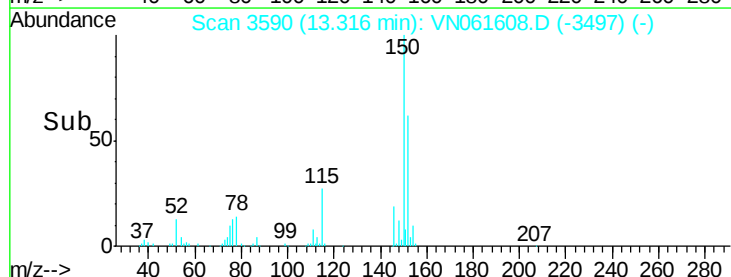
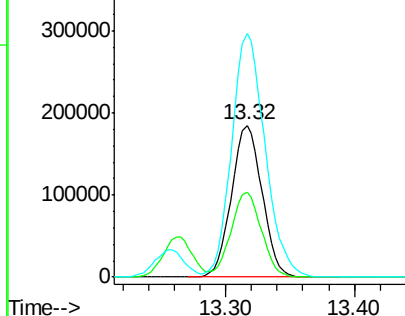


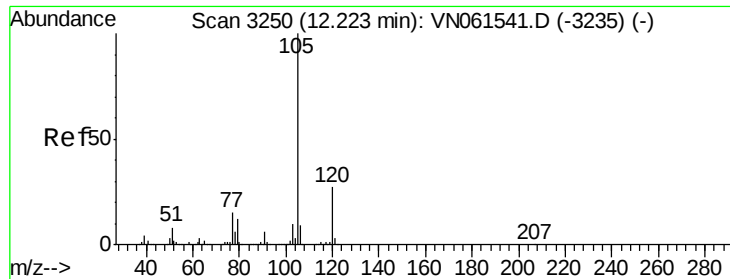
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. 0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.4	28.0	84.0
150	174.9	0.0	344.0



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





#73

Isopropylbenzene

Concen: 50.764 ug/l

RT: 12.22 min Scan# 3249

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 1126775

Ion Ratio Lower Upper

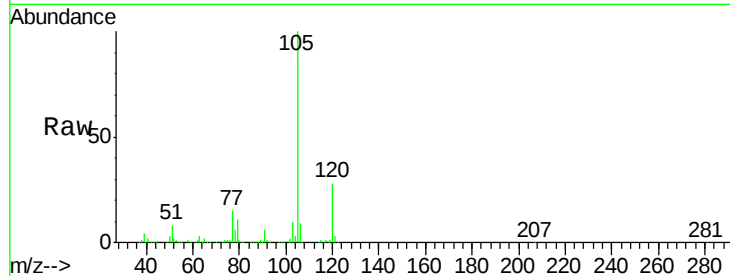
105 100

120 27.4 13.8 41.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

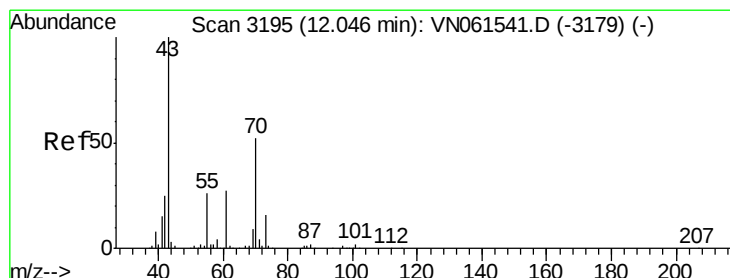
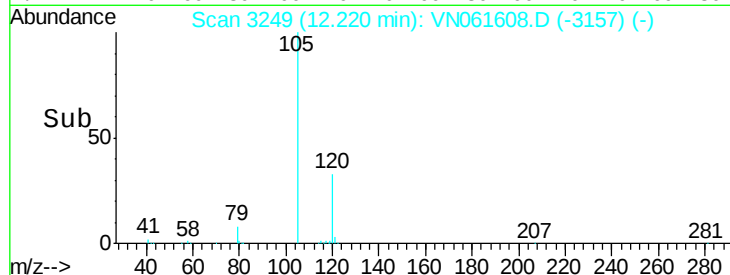
600000

400000

200000

0

Time--> 12.10 12.20 12.30



#74

N-ethyl acetate

Concen: 45.901 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Tgt Ion: 43 Resp: 320853

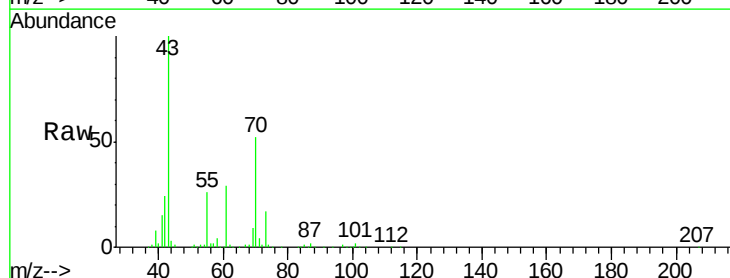
Ion Ratio Lower Upper

43 100

70 51.8 40.5 60.7

55 26.3 20.6 31.0

61 28.8 21.8 32.6



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

300000

250000

200000

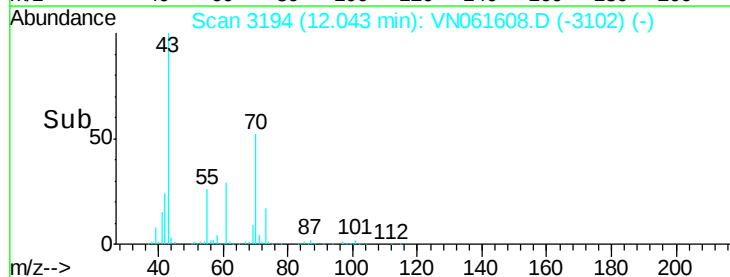
150000

100000

50000

0

Time--> 12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 45.488 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Instrument :

MSVOA_N

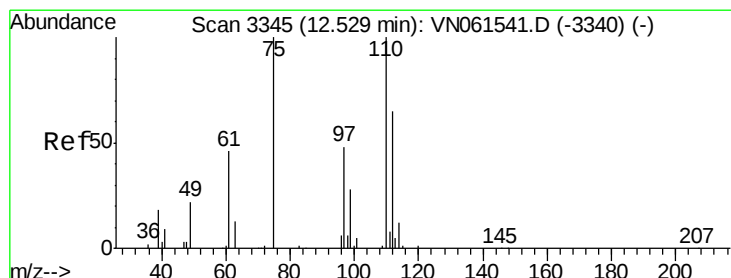
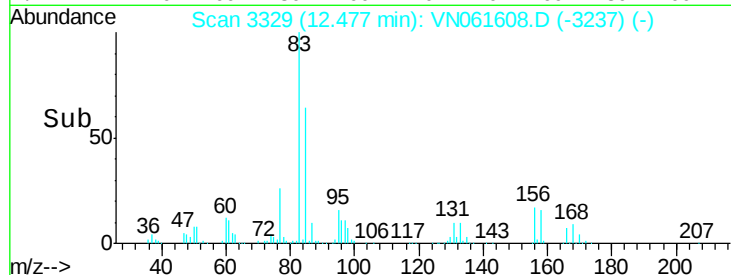
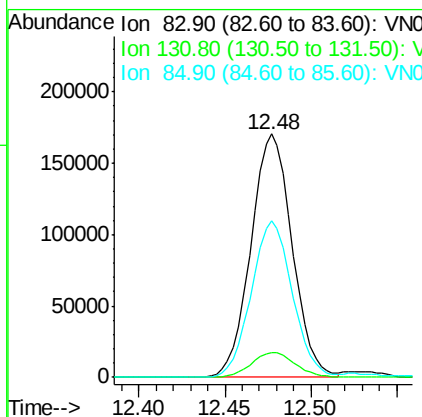
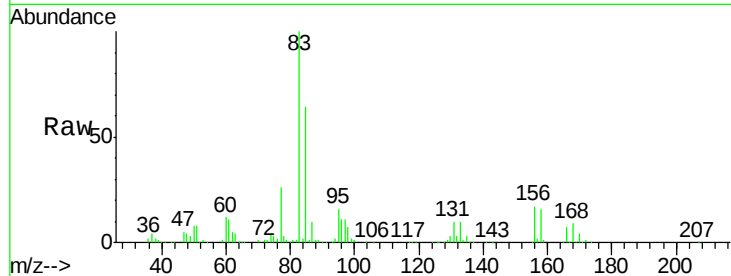
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	282941
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.5	16.5
85	64.1	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 49.607 ug/l m

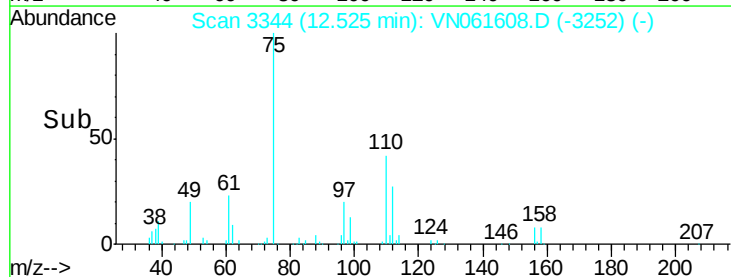
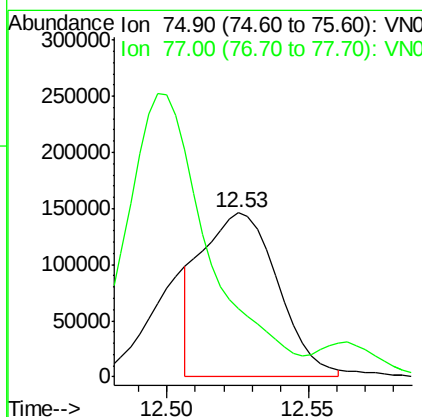
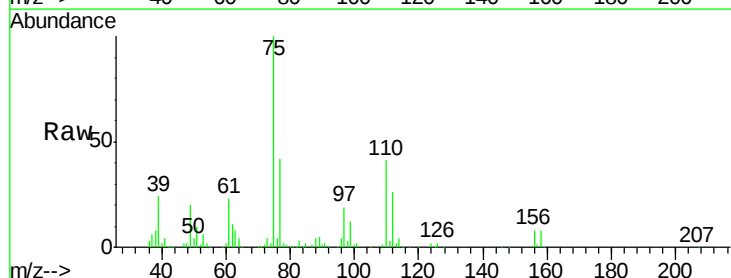
RT: 12.53 min Scan# 3344

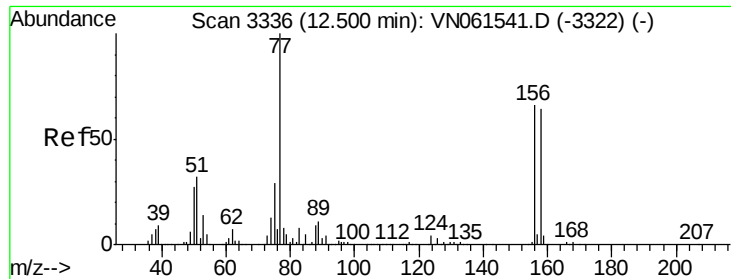
Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Tgt Ion:	75	Resp:	274322
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





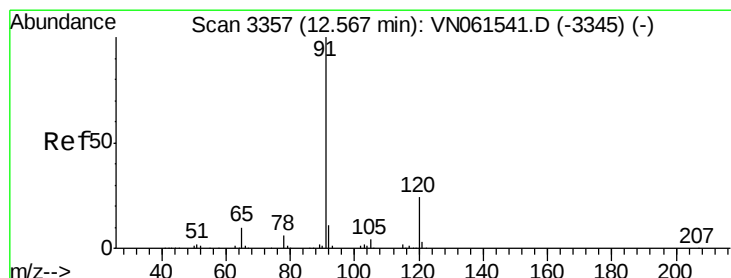
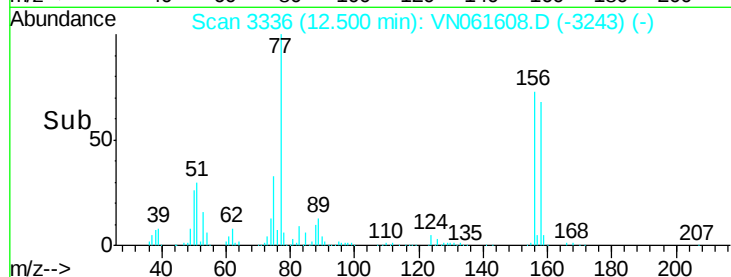
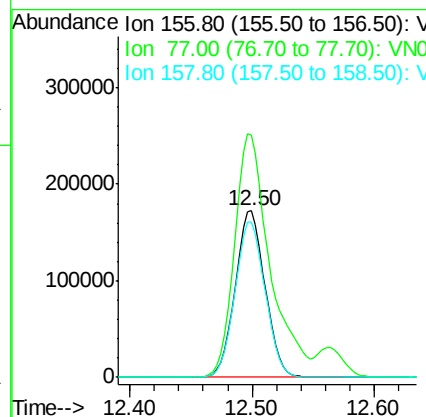
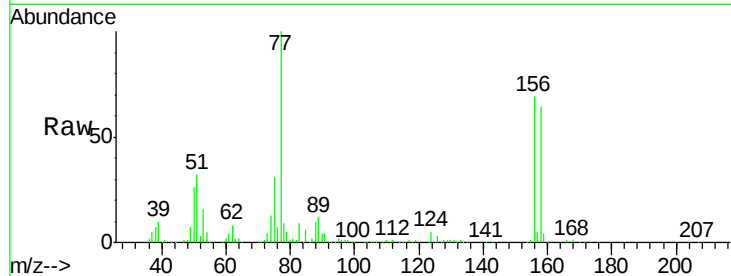
#77
Bromobenzene
Concen: 51.575 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. 0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	174.4	90.9	272.7
158	95.2	48.4	145.3

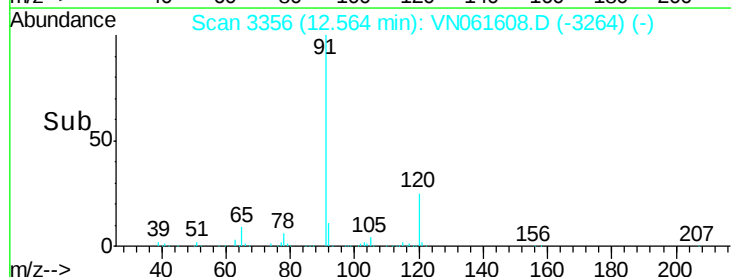
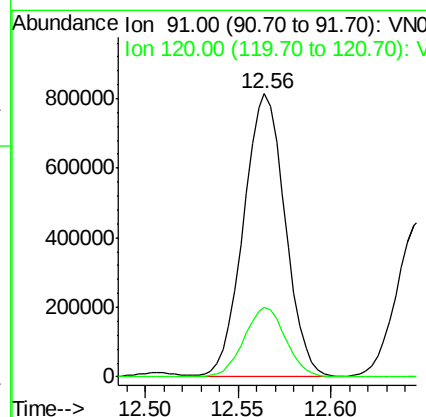
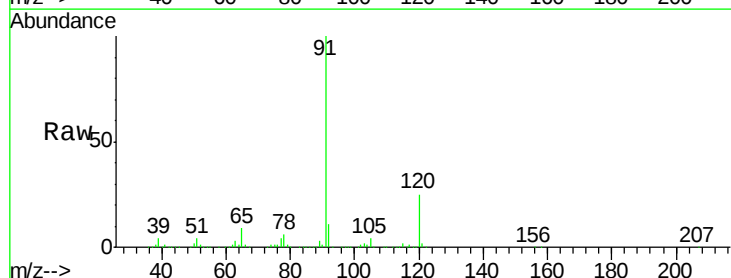
Manual Integrations
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#78
n-propylbenzene
Concen: 50.959 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. -0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.7	12.3	36.9





#79

2-Chlorotoluene

Concen: 49.078 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 725158

Ion Ratio Lower Upper

91 100

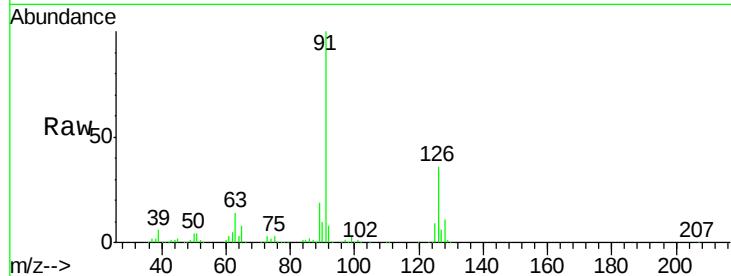
126 36.9 17.9 53.7

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN061608.D (-3289) (-)

Ion 125.90 (125.60 to 126.60): VN061608.D (-3289) (-)

800000

600000

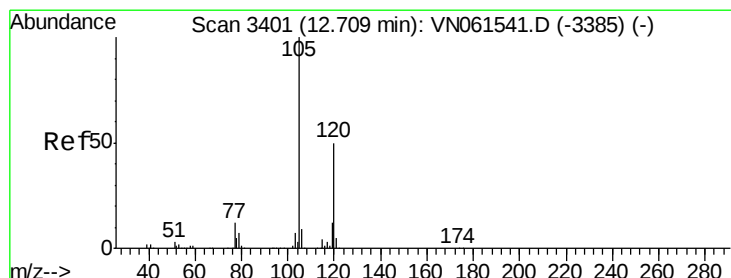
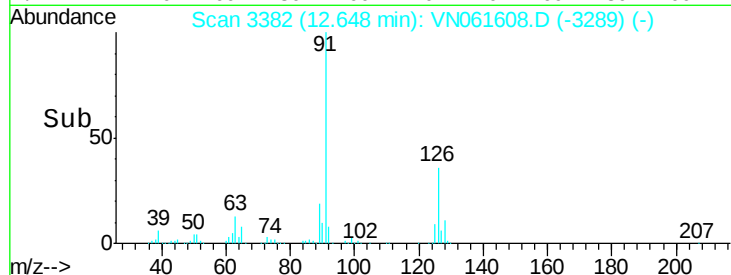
400000

200000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.283 ug/l

RT: 12.71 min Scan# 3400

Delta R.T. -0.00 min

Lab File: VN061608.D

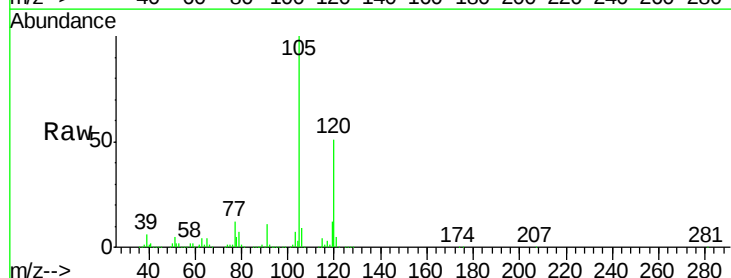
Acq: 2 Jun 2020 9:47

Tgt Ion: 105 Resp: 951409

Ion Ratio Lower Upper

105 100

120 50.9 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VN061608.D (-3308) (-)

Ion 120.00 (119.70 to 120.70): VN061608.D (-3308) (-)

600000

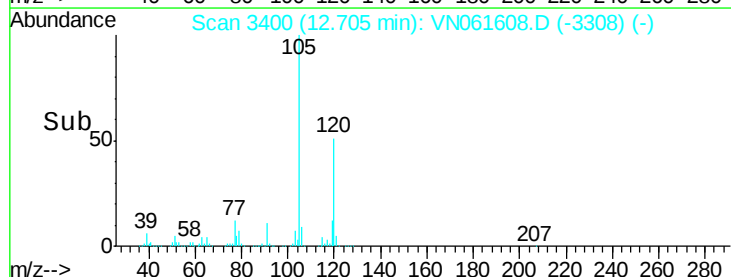
400000

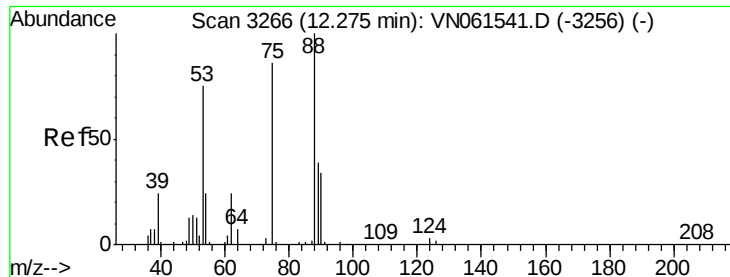
200000

0

12.60 12.70 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 46.265 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Instrument :

MSVOA_N

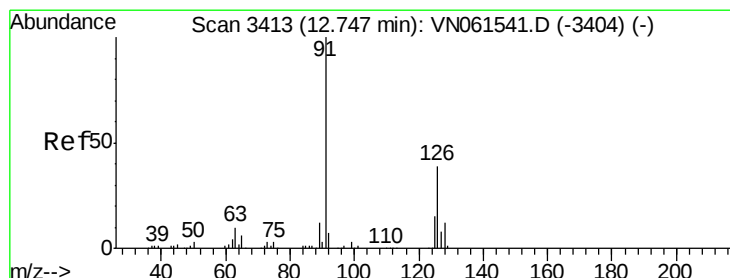
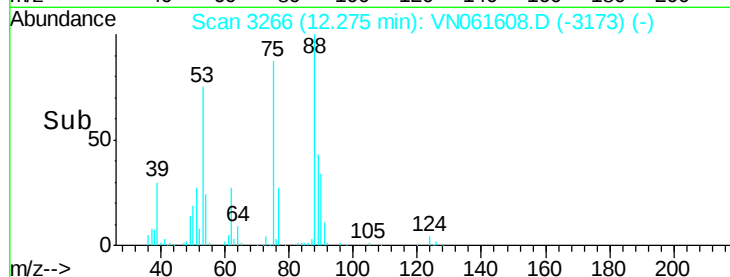
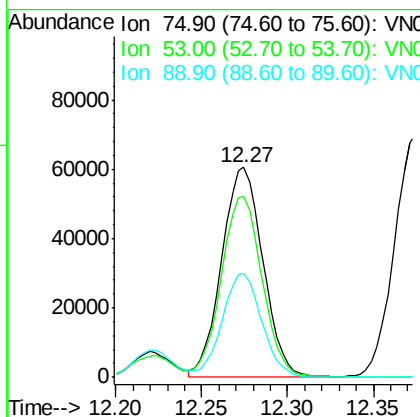
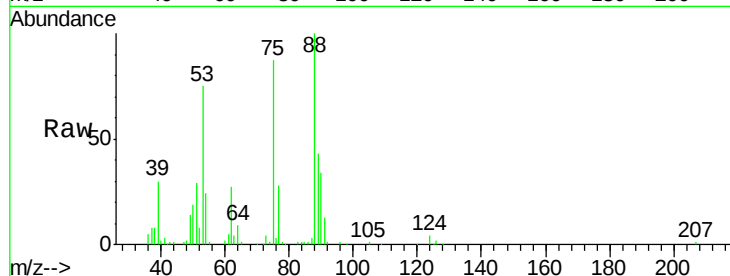
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	100046
Ion Ratio	Lower	Upper	
75	100		
53	85.9	67.8	101.8
89	48.0	37.1	55.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.455 ug/l

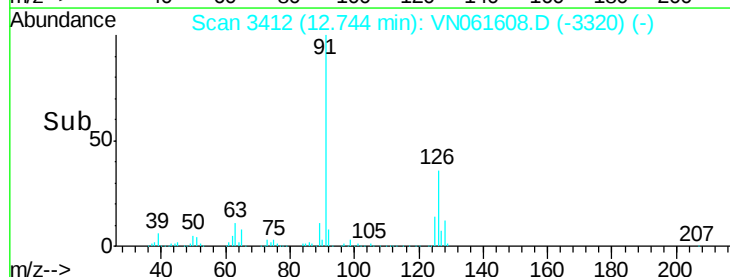
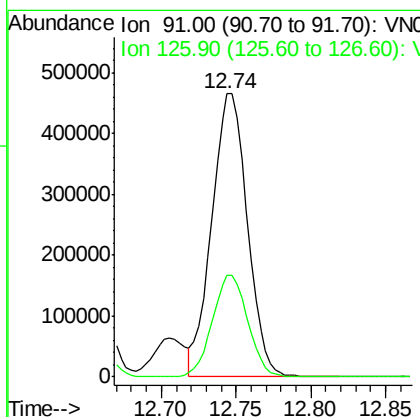
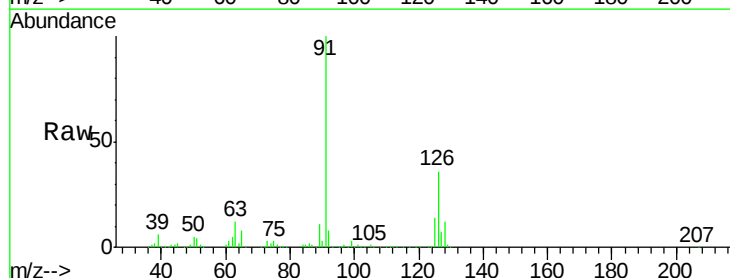
RT: 12.74 min Scan# 3412

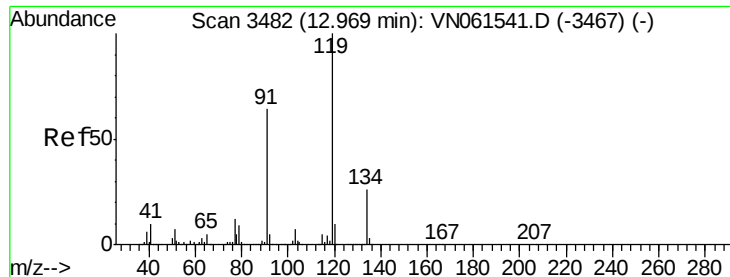
Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Tgt Ion:	91	Resp:	768728
Ion Ratio	Lower	Upper	
91	100		
126	35.6	17.5	52.6





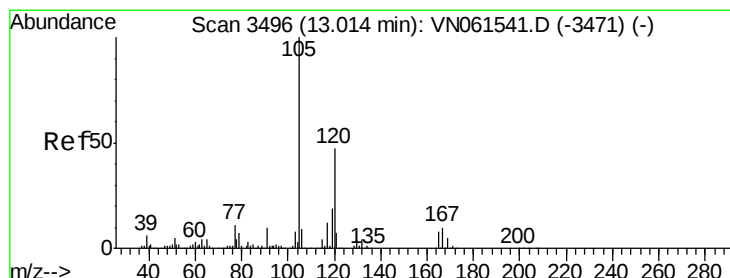
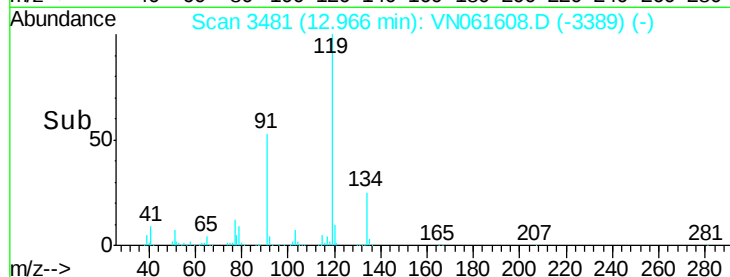
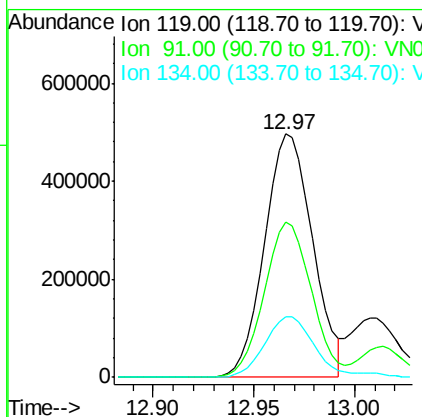
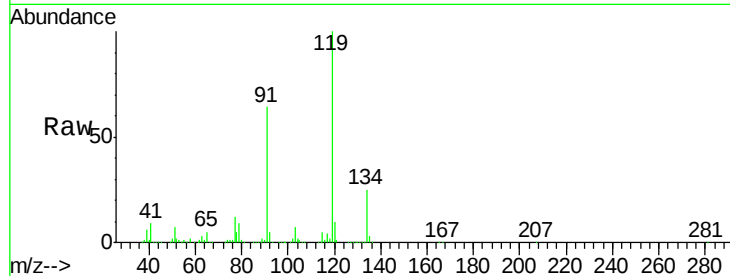
#83
 tert-Butylbenzene
 Concen: 50.140 ug/l
 RT: 12.97 min Scan# 3481
 Delta R.T. -0.00 min
 Lab File: VN061608.D
 Acq: 2 Jun 2020 9:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.4	31.3	93.8
134	26.5	13.5	40.4

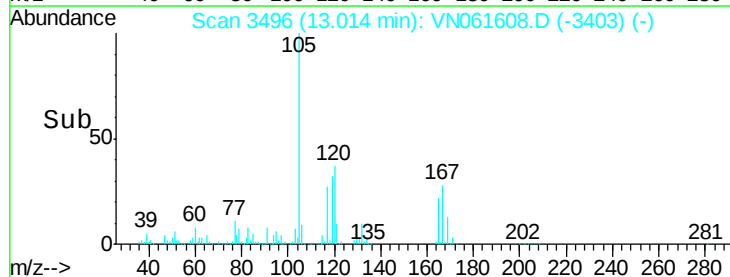
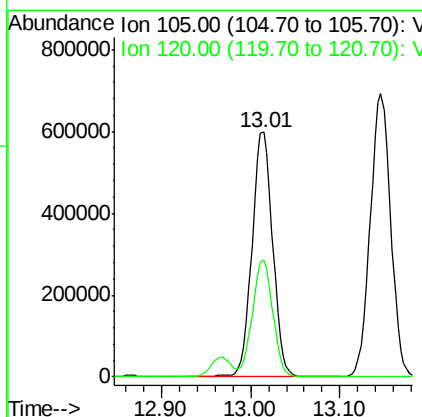
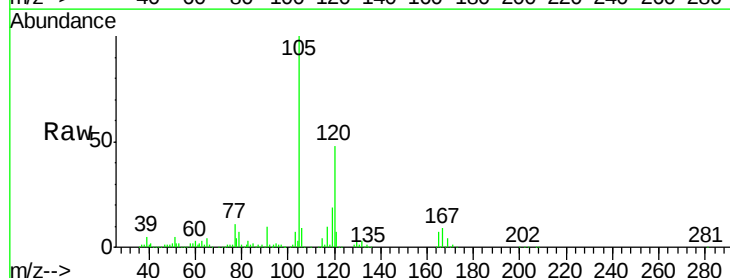
Manual Integrations
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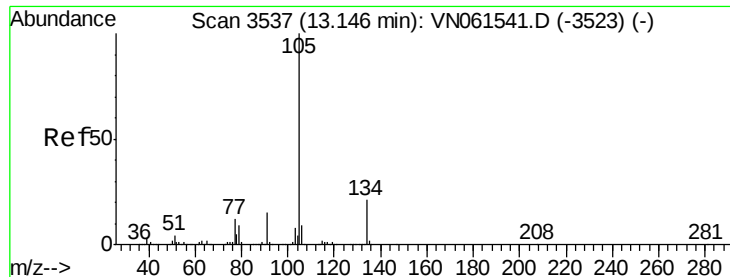
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.155 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN061608.D
 Acq: 2 Jun 2020 9:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.2	69.5





#85

sec-Butylbenzene

Concen: 52.026 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1098894

Ion Ratio Lower Upper

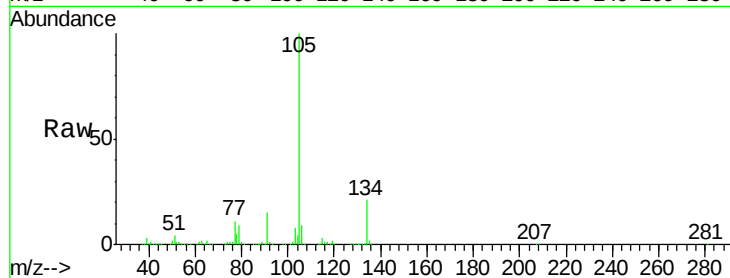
105 100

134 21.4 10.7 31.9

Manual Integrations
APPROVED

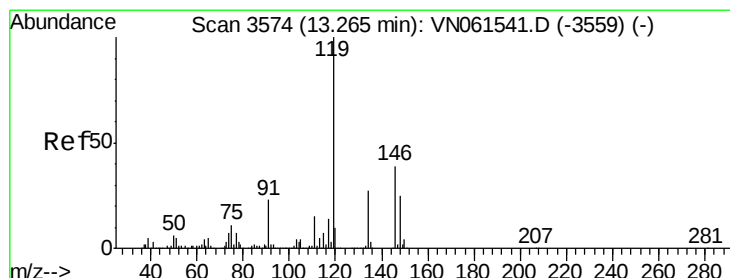
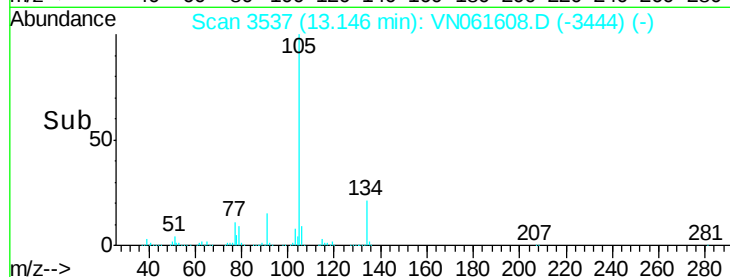
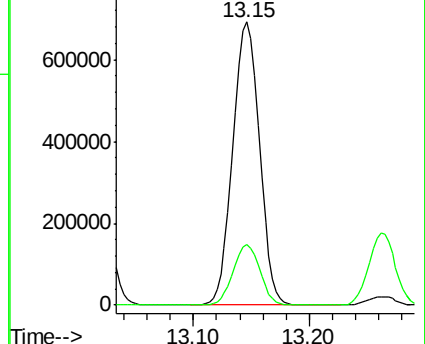
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.338 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

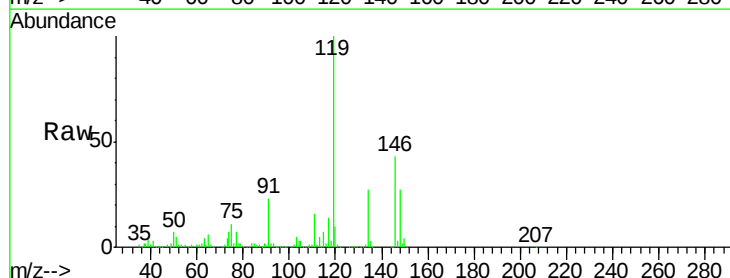
Tgt Ion:119 Resp: 1037497

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

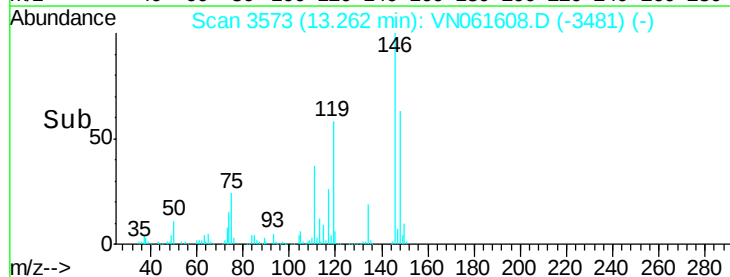
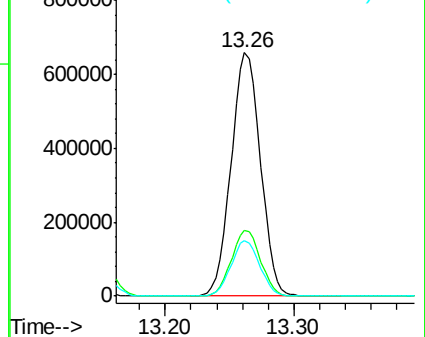
91 22.5 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





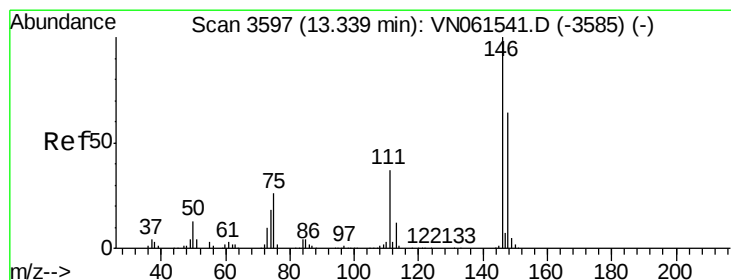
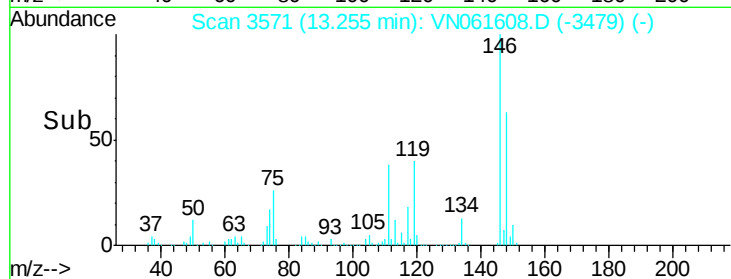
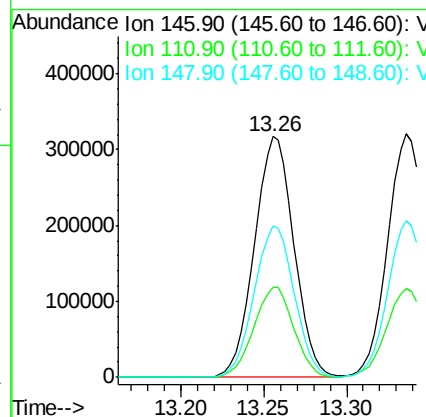
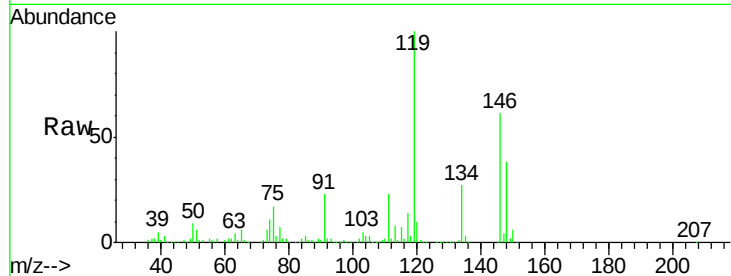
#87
 1,3-Dichlorobenzene
 Concen: 52.407 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN061608.D
 Acq: 2 Jun 2020 9:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.2	57.6
148	63.7	31.7	95.1

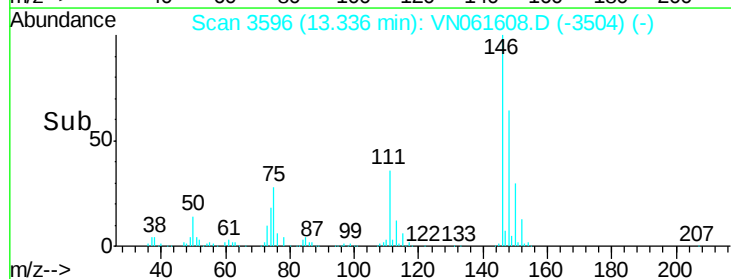
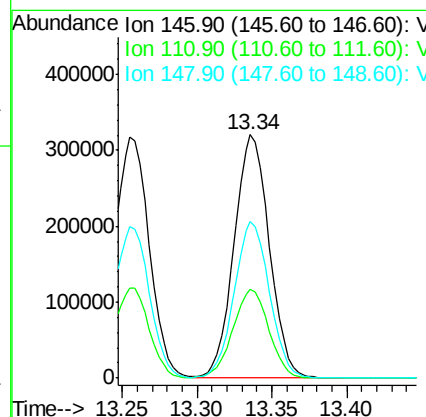
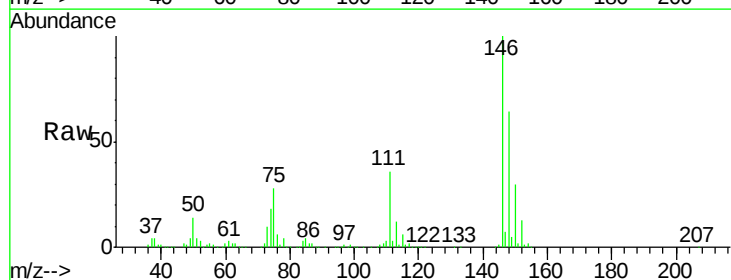
Manual Integrations
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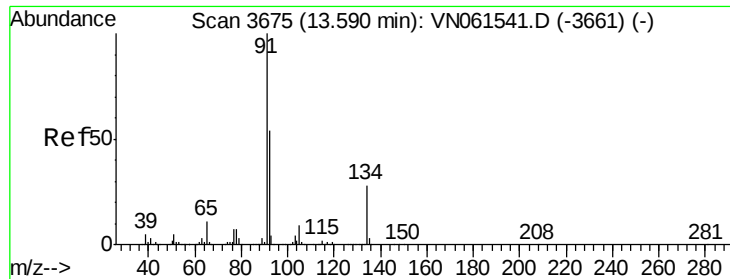
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#88
 1,4-Dichlorobenzene
 Concen: 51.389 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN061608.D
 Acq: 2 Jun 2020 9:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.9	56.9
148	64.6	31.8	95.3





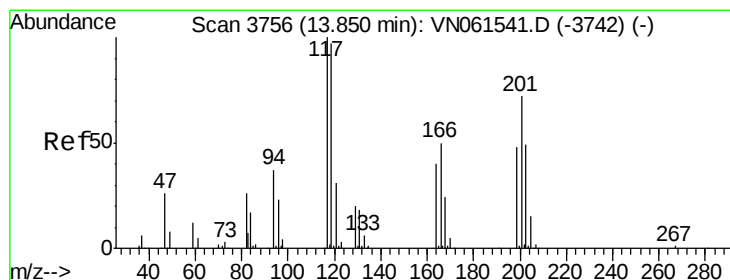
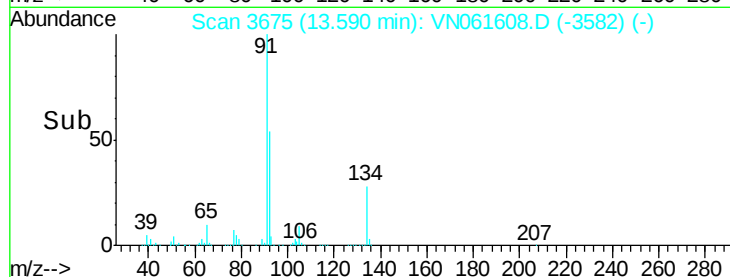
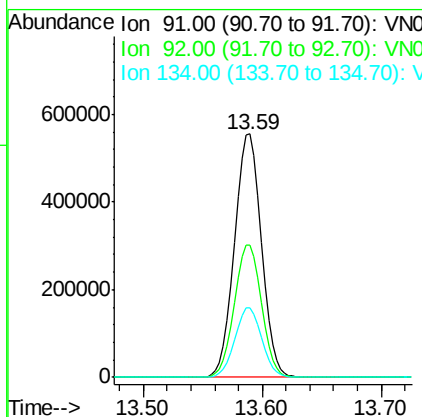
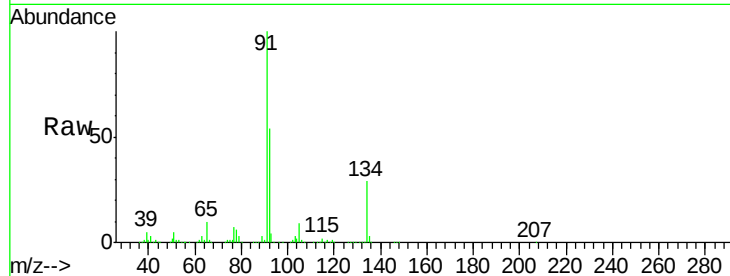
#89
n-Butylbenzene
Concen: 53.619 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.2	81.6
134	28.5	14.0	42.0

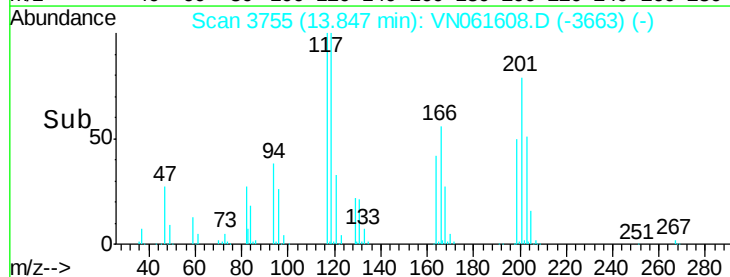
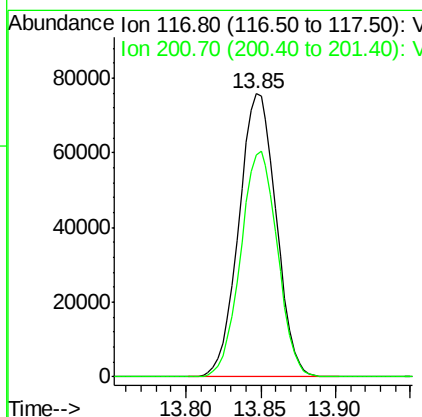
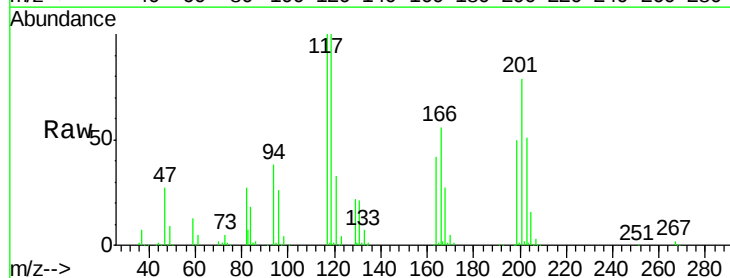
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#90
Hexachloroethane
Concen: 61.233 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.4	36.7	110.1





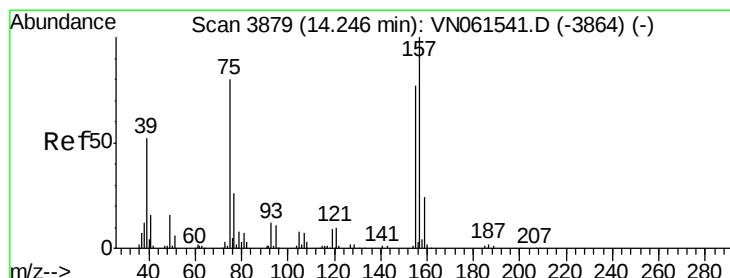
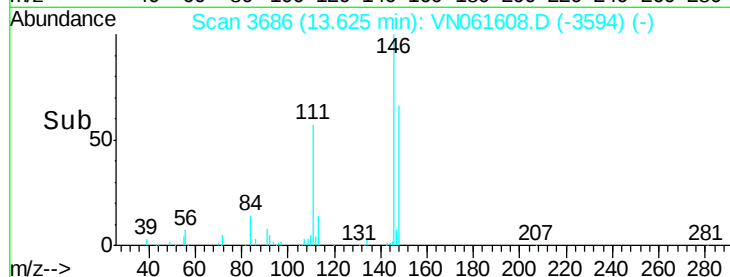
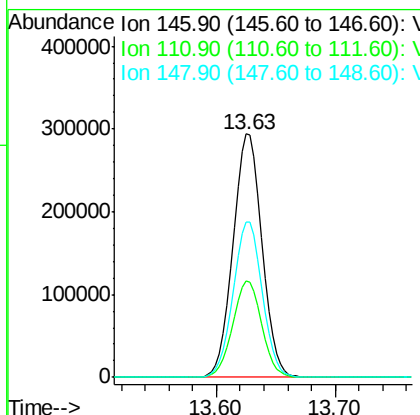
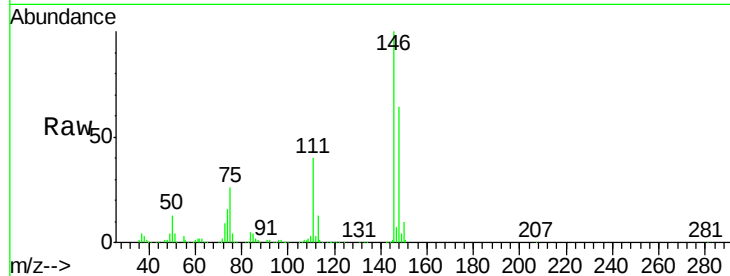
#91
 1,2-Dichlorobenzene
 Concen: 51.815 ug/l
 RT: 13.63 min Scan# 3686
 Delta R.T. -0.00 min
 Lab File: VN061608.D
 Acq: 2 Jun 2020 9:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	496805		
111	39.4	20.1	60.2	
148	64.2	31.9	95.5	

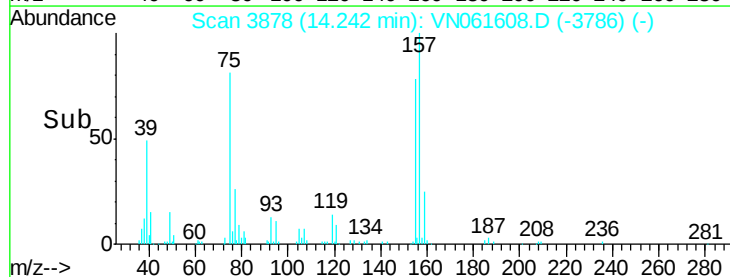
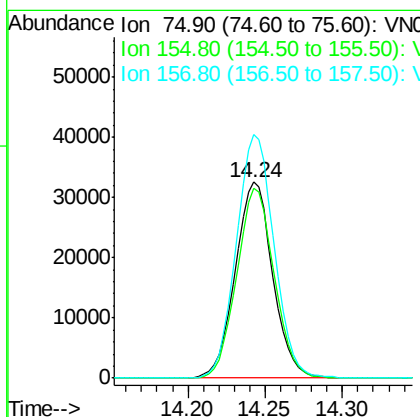
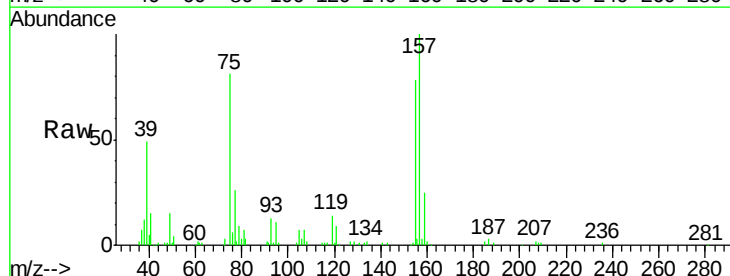
Manual Integrations
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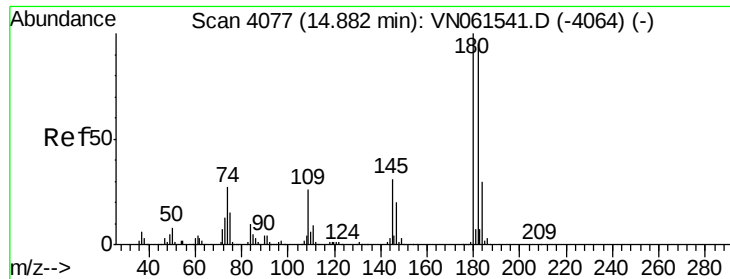
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.030 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN061608.D
 Acq: 2 Jun 2020 9:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	54586		
155	97.2	47.1	141.4	
157	125.8	60.3	180.8	





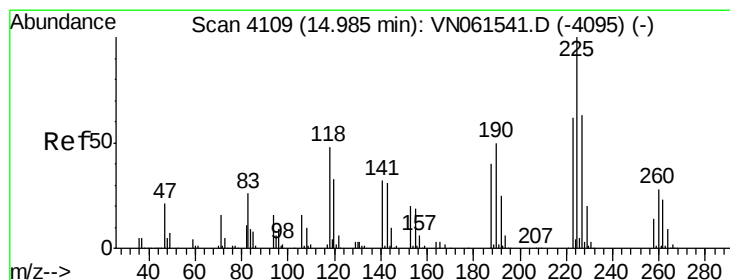
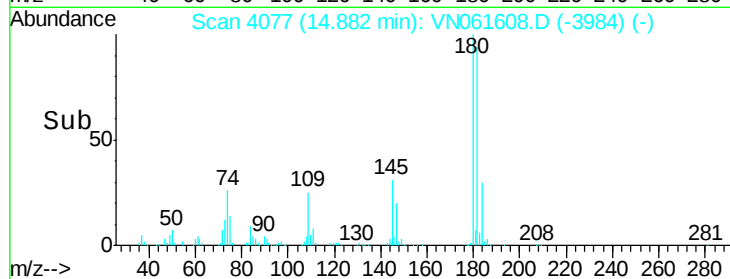
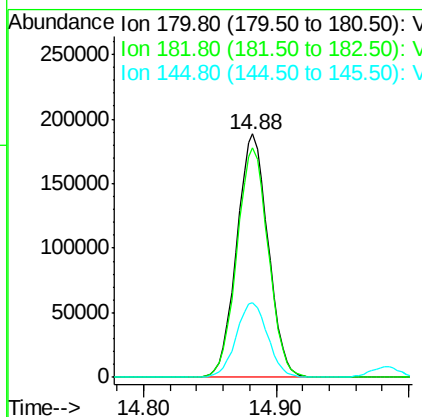
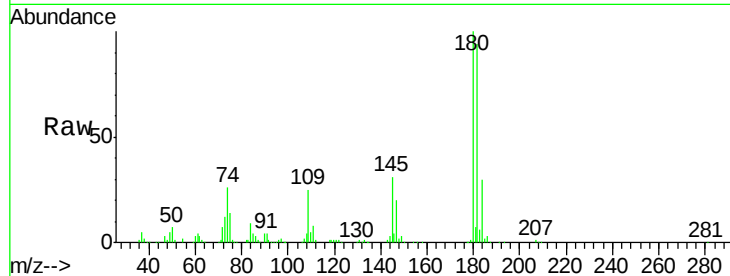
#93
 1,2,4-Trichlorobenzene
 Concen: 55.040 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061608.D
 Acq: 2 Jun 2020 9:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.7	47.8	143.3	
145	30.9	15.5	46.5	

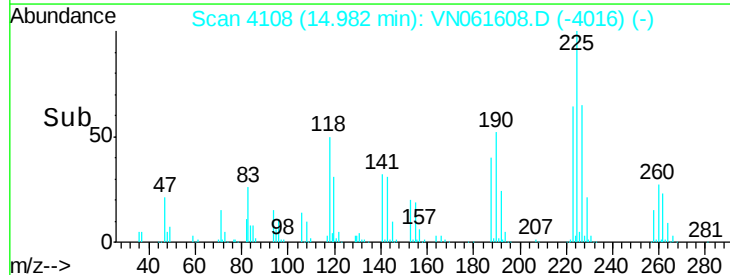
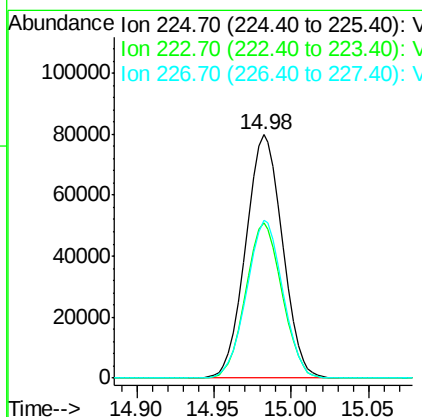
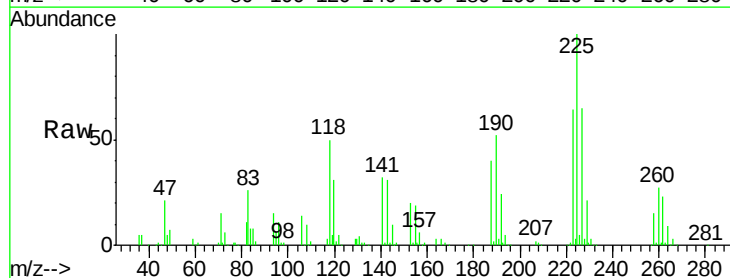
Manual Integrations
 APPROVED

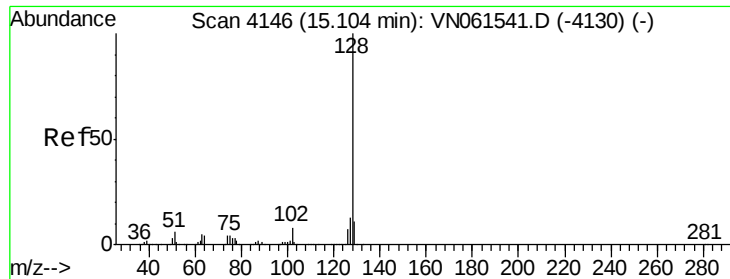
MMDadoda
 6/3/2020 11:32:17 AM



#94
 Hexachlorobutadiene
 Concen: 55.250 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN061608.D
 Acq: 2 Jun 2020 9:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	31.9	95.5	
227	64.1	31.9	95.9	





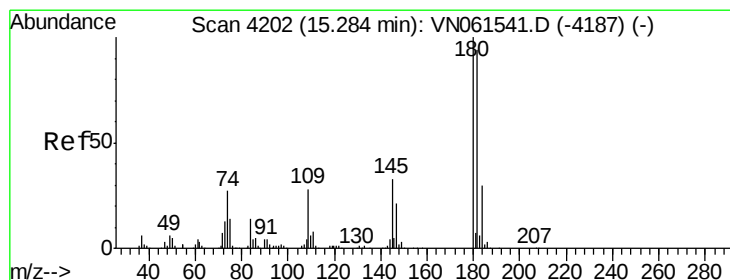
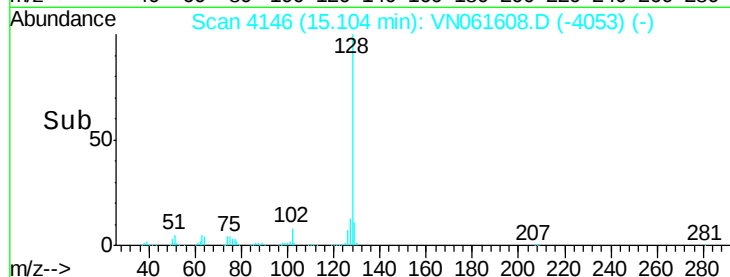
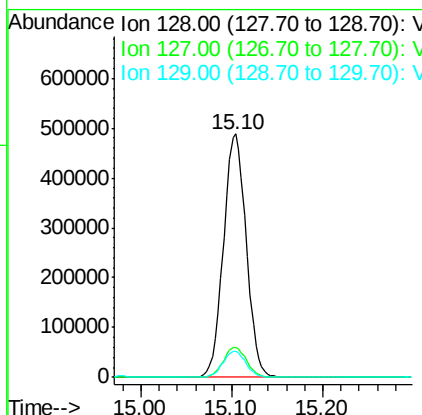
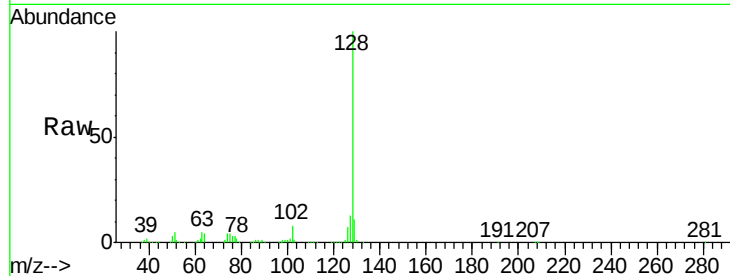
#95
Naphthalene
Concen: 49.718 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.0	15.0
129	10.8	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
6/3/2020 11:32:17 AM



#96
1,2,3-Trichlorobenzene
Concen: 53.231 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.1	141.3
145	33.2	16.3	48.9

