

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060220\
 Data File : VN061625.D
 Acq On : 2 Jun 2020 17:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/3/2020 11:32:31 AM

Quant Time: Jun 03 03:49:08 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	7.63	168	376264	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	618613	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	587190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	304956	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	202217	45.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.22%	
35) Dibromofluoromethane	7.55	113	154172	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
50) Toluene-d8	10.06	98	695042	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
62) 4-Bromofluorobenzene	12.37	95	256515	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	189147	43.687	ug/l	94
3) Chloromethane	2.03	50	200089	43.600	ug/l	100
4) Vinyl Chloride	2.16	62	280671	44.630	ug/l	100
5) Bromomethane	2.53	94	170636	47.285	ug/l	98
6) Chloroethane	2.67	64	175225	43.287	ug/l	100
7) Trichlorofluoromethane	2.98	101	326829	40.301	ug/l	98
8) Diethyl Ether	3.37	74	104363	42.085	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	160958	44.726	ug/l	99
10) Methyl Iodide	3.91	142	230600	46.160	ug/l	99
11) Tert butyl alcohol	4.73	59	145602	244.182	ug/l	100
12) 1,1-Dichloroethene	3.69	96	165139	42.952	ug/l	95
13) Acrolein	3.57	56	43996	255.360	ug/l	98
14) Allyl chloride	4.27	41	210133	41.805	ug/l	98
15) Acrylonitrile	4.93	53	362523	217.817	ug/l	100
16) Acetone	3.78	43	275361	222.185	ug/l	99
17) Carbon Disulfide	4.01	76	341827	40.411	ug/l	98
18) Methyl Acetate	4.28	43	169748	41.828	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	576673	44.009	ug/l	97
20) Methylene Chloride	4.50	84	190767	46.703	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	188922	43.572	ug/l	95
22) Diisopropyl ether	5.90	45	484713	43.753	ug/l	97
23) Vinyl Acetate	5.84	43	1816175	205.687	ug/l	97
24) 1,1-Dichloroethane	5.80	63	306712	43.660	ug/l	99
25) 2-Butanone	6.78	43	443584	208.785	ug/l	97
26) 2,2-Dichloropropane	6.78	77	283643	44.114	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	228677	46.576	ug/l	97
28) Bromochloromethane	7.15	49	126217	47.798	ug/l	95
29) Tetrahydrofuran	7.17	42	294104	209.925	ug/l	96
30) Chloroform	7.33	83	351957	45.286	ug/l	97
31) Cyclohexane	7.61	56	261887	41.451	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	322556	45.547	ug/l	99
36) 1,1-Dichloropropene	7.75	75	252344	46.079	ug/l	99
37) Ethyl Acetate	6.88	43	195812	44.394	ug/l	97
38) Carbon Tetrachloride	7.73	117	264746	50.119	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	287279	42.560	ug/l	97
40) Benzene	8.00	78	781178	46.232	ug/l	100
41) Methacrylonitrile	7.13	41	95064m	47.041	ug/l	
42) 1,2-Dichloroethane	8.08	62	256632	45.366	ug/l	100
43) Isopropyl Acetate	8.13	43	345769	43.572	ug/l	92
44) Trichloroethene	8.80	130	248564	47.867	ug/l	95
45) 1,2-Dichloropropane	9.08	63	185657	46.272	ug/l	100
46) Dibromomethane	9.17	93	140883	45.783	ug/l	98
47) Bromodichloromethane	9.37	83	285499	46.829	ug/l	99
48) Methyl methacrylate	9.17	41	149511	41.876	ug/l	97
49) 1,4-Dioxane	9.17	88	62103	1122.805	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	995669	222.650	ug/l	99
52) Toluene	10.12	92	523920	47.506	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	307631	46.840	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	328041	46.453	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	209109	47.592	ug/l	97
56) Ethyl methacrylate	10.40	69	290730	47.368	ug/l	98
57) 1,3-Dichloropropane	10.68	76	330529	47.035	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	591569	225.538	ug/l	97
59) 2-Hexanone	10.72	43	715037	222.642	ug/l	99
60) Dibromochloromethane	10.87	129	244987	49.045	ug/l	99
61) 1,2-Dibromoethane	10.98	107	223065	48.678	ug/l	99
64) Tetrachloroethene	10.60	164	275430	49.831	ug/l	99
65) Chlorobenzene	11.41	112	582100	47.692	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	221371	48.710	ug/l	100
67) Ethyl Benzene	11.48	91	1007463	47.756	ug/l	100
68) m/p-Xylenes	11.59	106	797699	95.366	ug/l	99
69) o-Xylene	11.92	106	384054	48.341	ug/l	99
70) Styrene	11.94	104	652055	49.560	ug/l	99
71) Bromoform	12.10	173	172562	49.275	ug/l #	100
73) Isopropylbenzene	12.22	105	1008576	45.313	ug/l	99
74) N-amyl acetate	12.04	43	306177	43.680	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	264591	42.420	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	249773m	45.042	ug/l	
77) Bromobenzene	12.50	156	266965	46.989	ug/l	97
78) n-propylbenzene	12.56	91	1111230	44.721	ug/l	99
79) 2-Chlorotoluene	12.65	91	655491	44.241	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	844697	45.405	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	93018	42.896	ug/l	98
82) 4-Chlorotoluene	12.75	91	693467	44.490	ug/l	99
83) tert-Butylbenzene	12.97	119	722285	43.943	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	845596	45.754	ug/l	98
85) sec-Butylbenzene	13.15	105	911600	43.040	ug/l	100
86) p-Isopropyltoluene	13.26	119	859167	44.048	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	474259	47.139	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	478006	46.639	ug/l	99
89) n-Butylbenzene	13.59	91	699083	42.790	ug/l	99
90) Hexachloroethane	13.85	117	100120	46.414	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	457113	47.544	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	52733	41.455	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	263716	46.899	ug/l	99
94) Hexachlorobutadiene	14.98	225	94112	39.244	ug/l	99
95) Naphthalene	15.10	128	808654	47.248	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	256061	46.316	ug/l	100

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

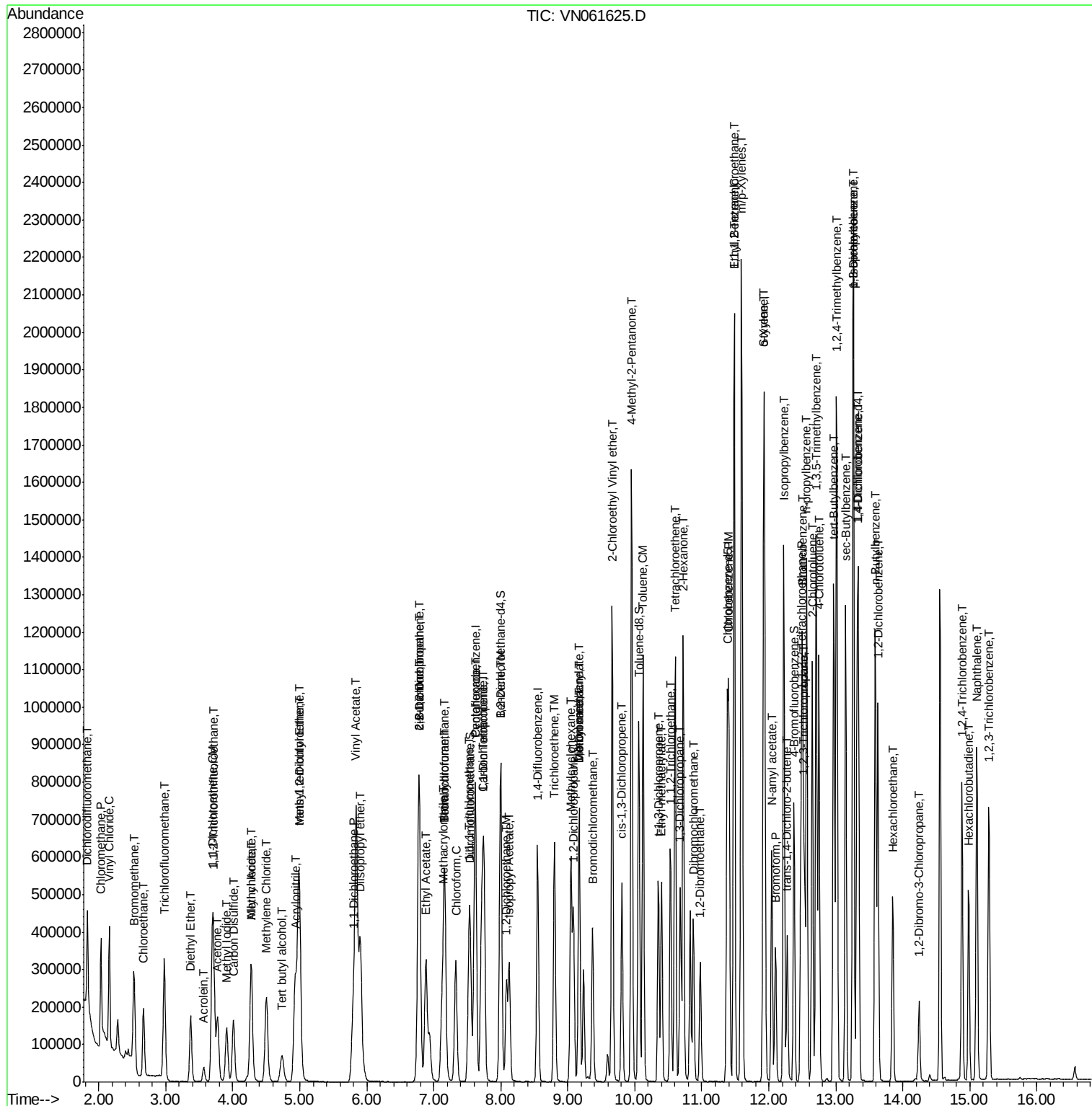
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060220\
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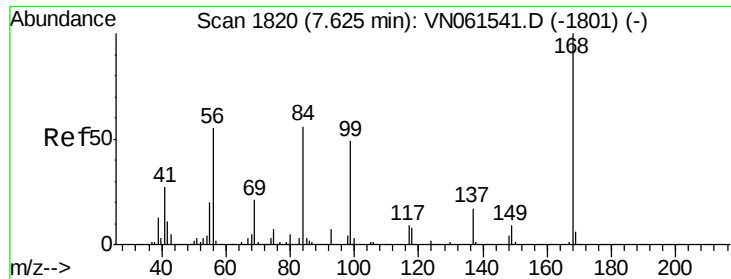
Instrument :
MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 376264

Ion Ratio Lower Upper

168 100

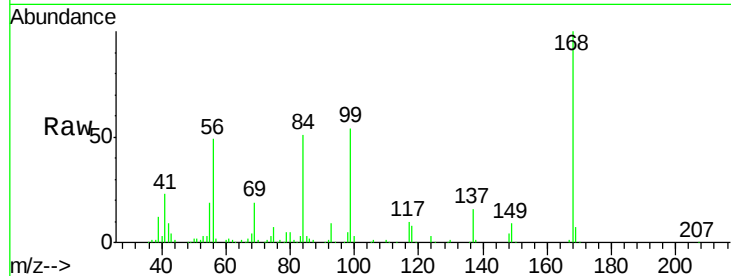
99 54.2 45.0 67.4

Manual Integrations

APPROVED

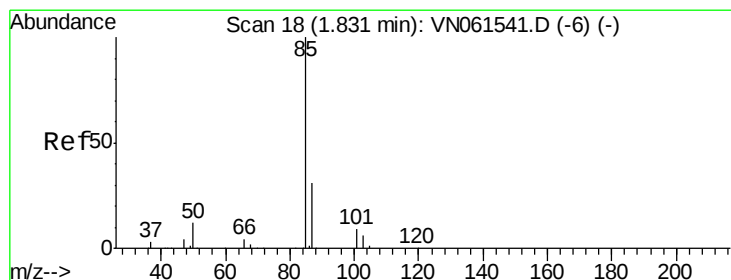
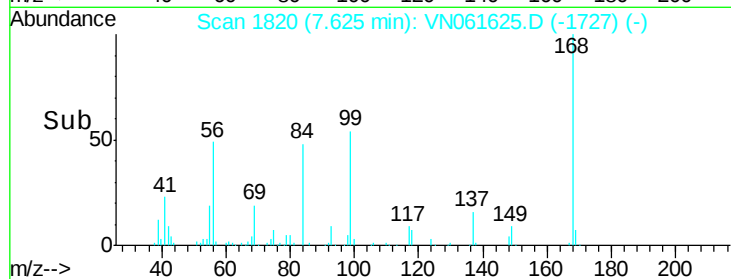
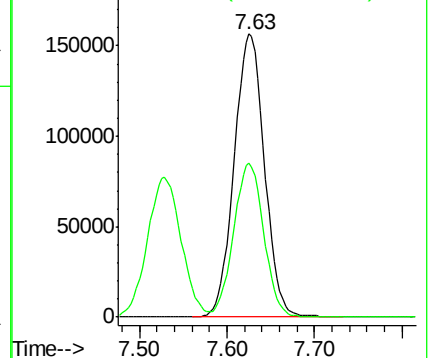
MMDadoda

6/3/2020 11:32:31 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 43.687 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061625.D

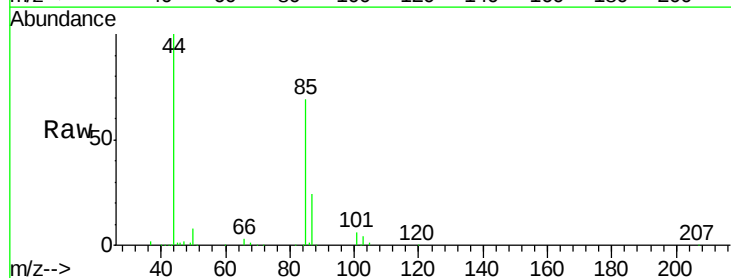
Acq: 2 Jun 2020 17:59

Tgt Ion: 85 Resp: 189147

Ion Ratio Lower Upper

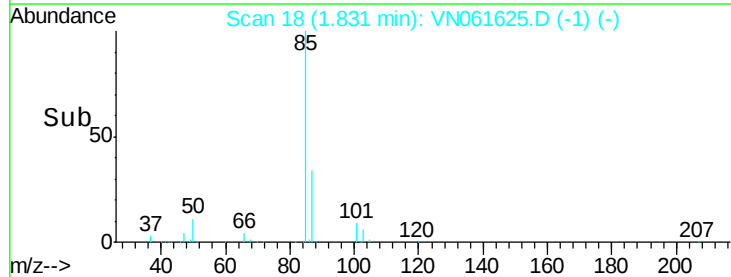
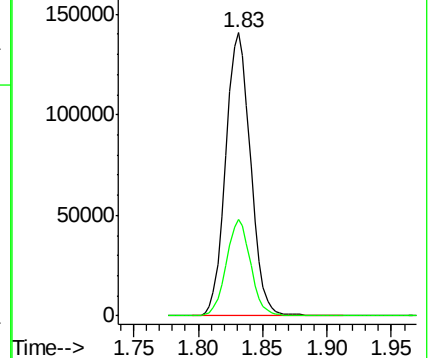
85 100

87 34.3 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 43.600 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 200089

Ion Ratio Lower Upper

50 100

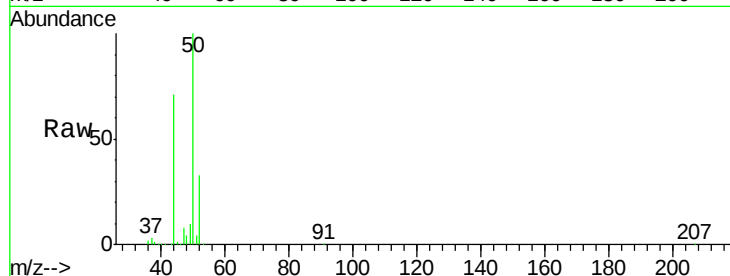
52 33.4 26.7 40.1

Manual Integrations

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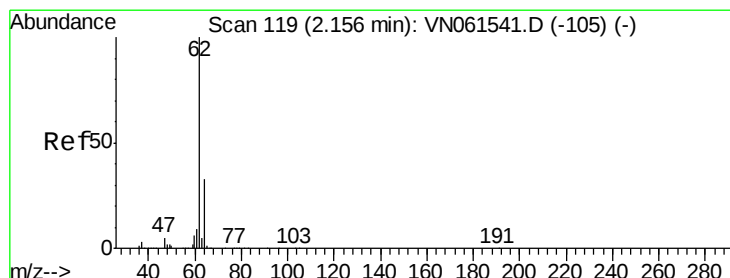
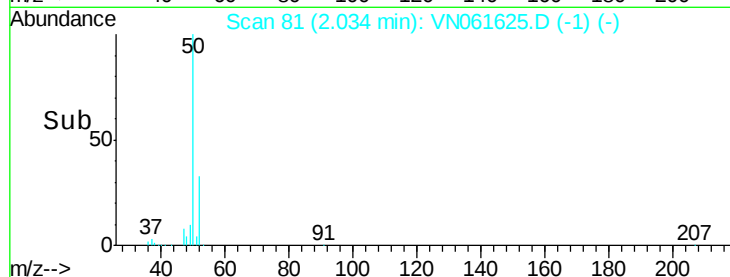
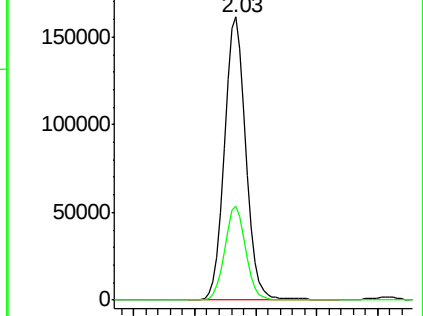
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 44.630 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN061625.D

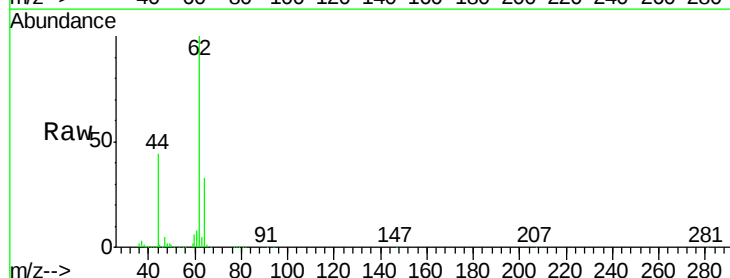
Acq: 2 Jun 2020 17:59

Tgt Ion: 62 Resp: 280671

Ion Ratio Lower Upper

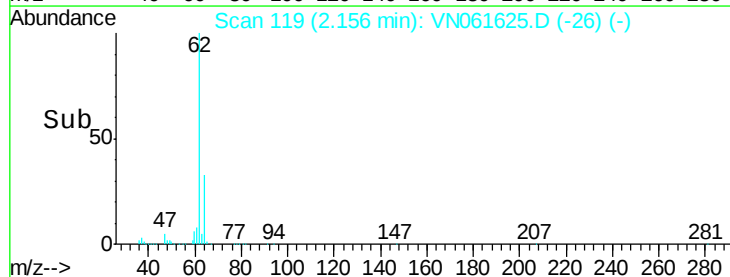
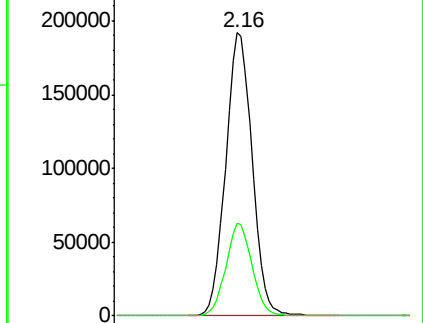
62 100

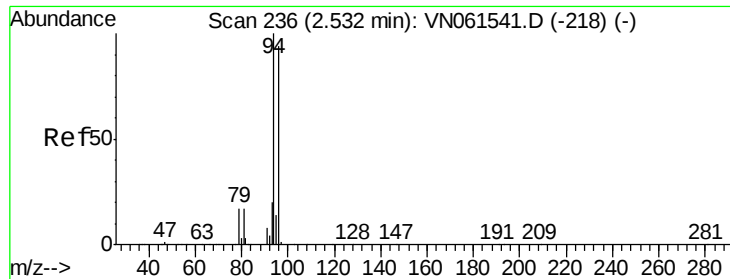
64 32.7 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 47.285 ug/l

RT: 2.53 min Scan# 234

Delta R.T. -0.01 min

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Tot Ion: 94 Resp: 170636

Ion Ratio Lower Upper

94 100

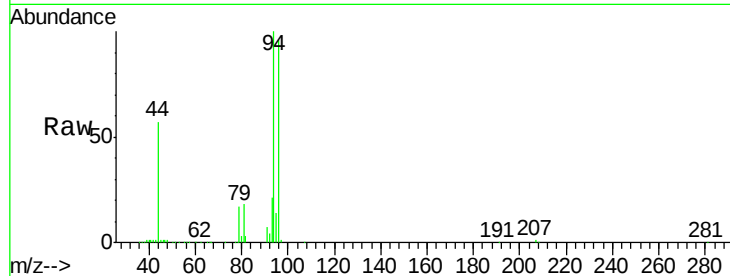
96 95.5 74.8 112.2

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.53

80000

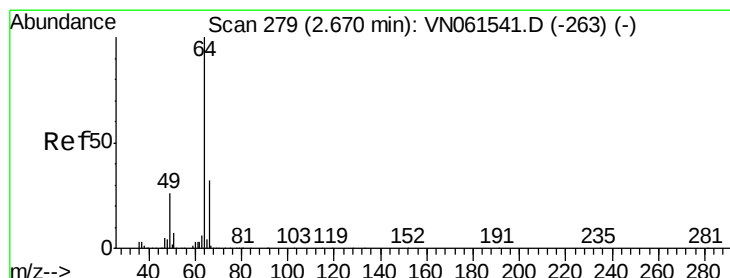
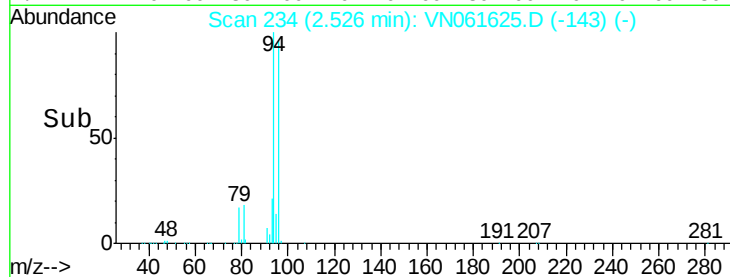
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 43.287 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.00 min

Lab File: VN061625.D

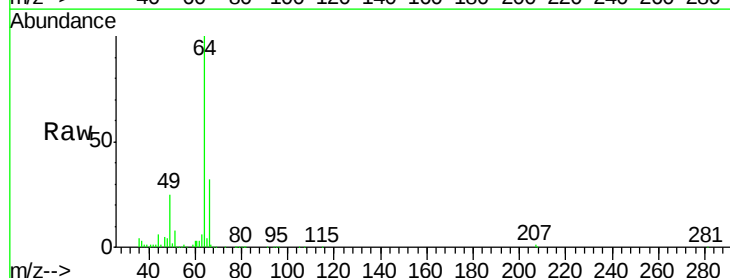
Acq: 2 Jun 2020 17:59

Tgt Ion: 64 Resp: 175225

Ion Ratio Lower Upper

64 100

66 32.1 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

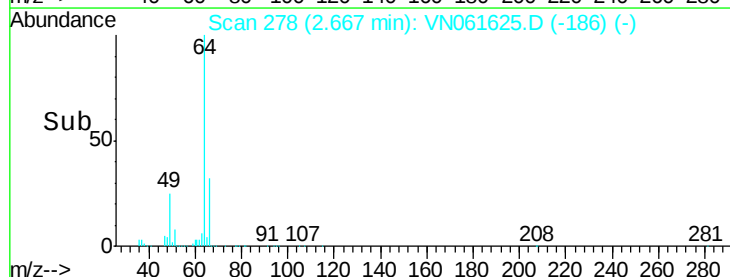
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Time-->





#7

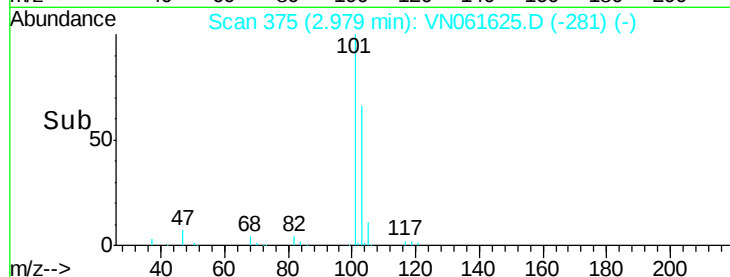
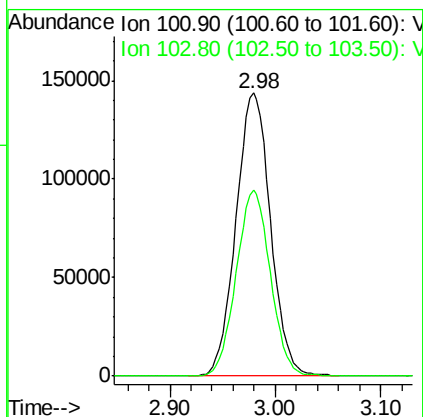
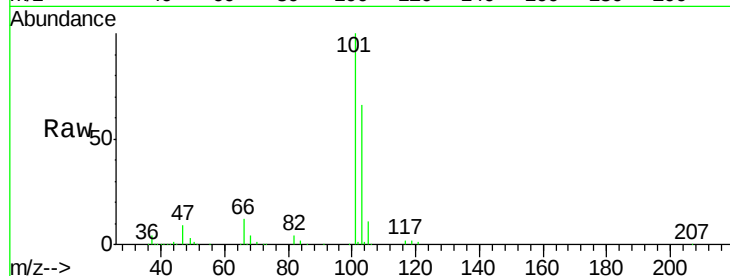
Trichlorofluoromethane
Concen: 40.301 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN061625.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	51.4	77.2

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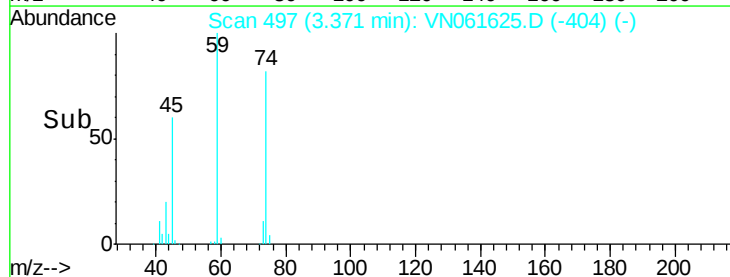
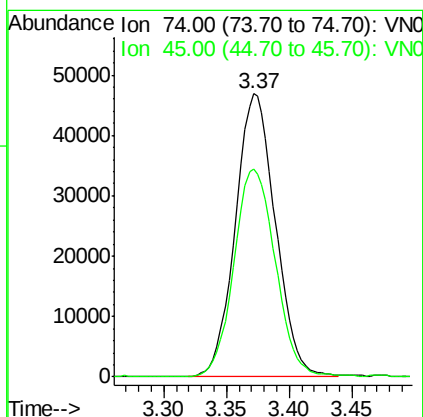
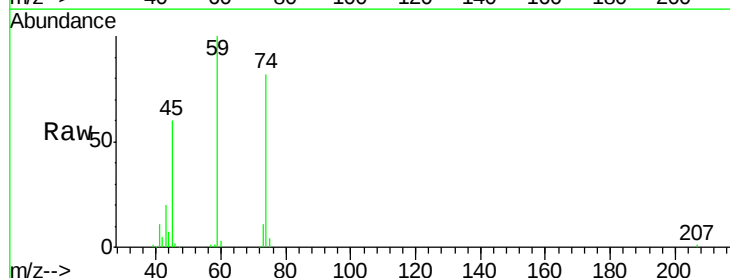
MMDadoda
6/3/2020 11:32:31 AM



#8

Diethyl Ether
Concen: 42.085 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	75.9	39.9	119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.726 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

Instrument :

MSVOA_N

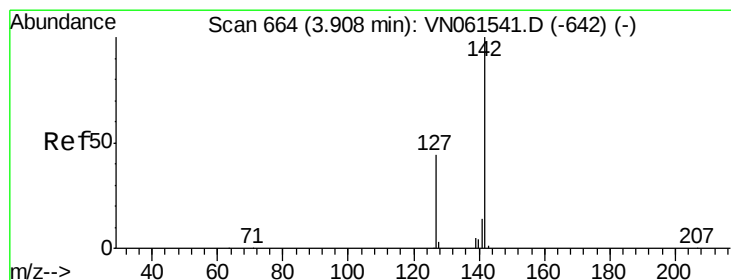
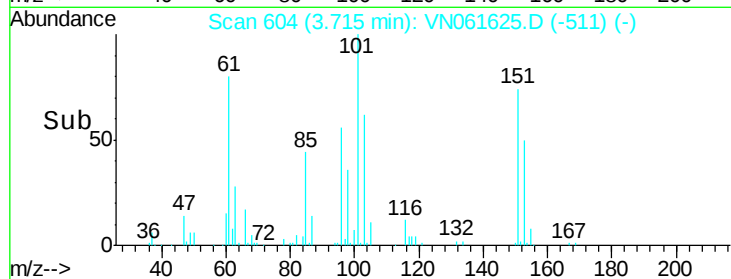
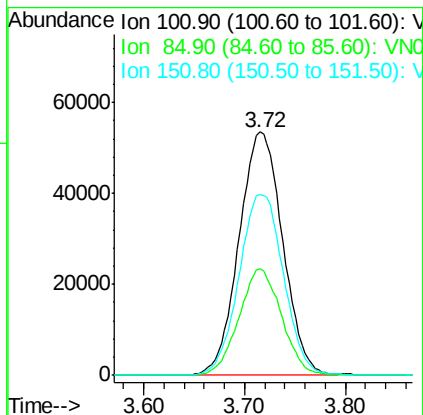
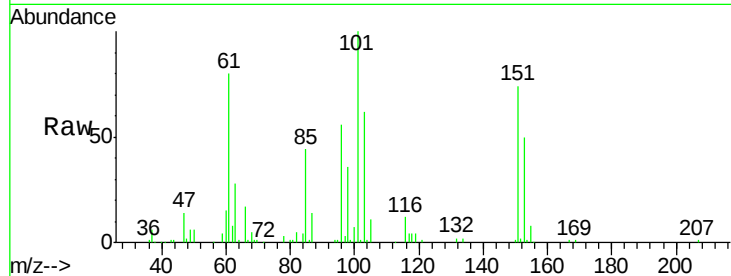
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	160958
Ion Ratio	Lower	Upper	
101	100		
85	42.6	35.2	52.8
151	75.8	61.0	91.6

Manual Integrations
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MMDadoda
6/3/2020 11:32:31 AM



#10

Methyl Iodide

Concen: 46.160 ug/l

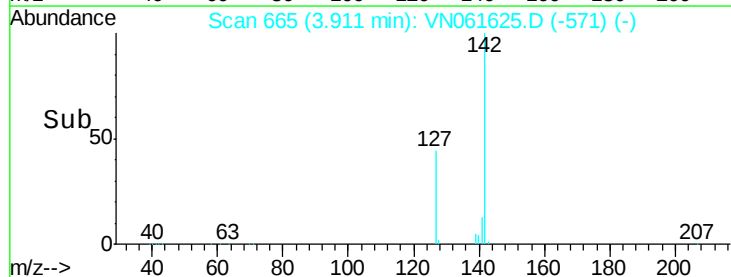
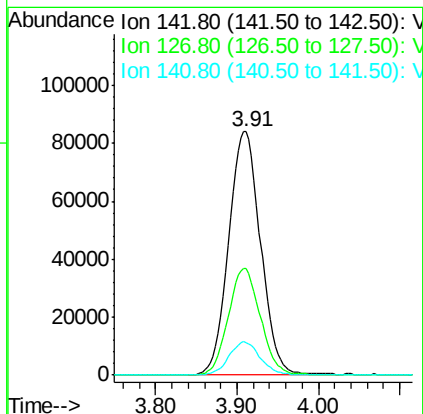
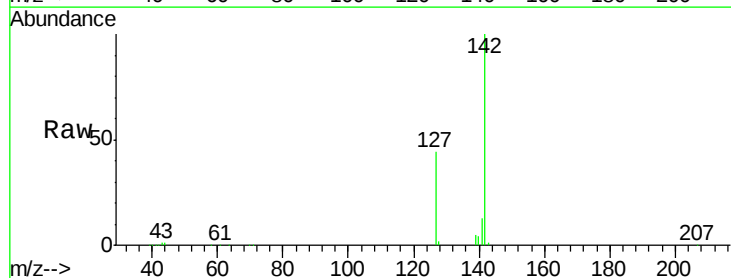
RT: 3.91 min Scan# 665

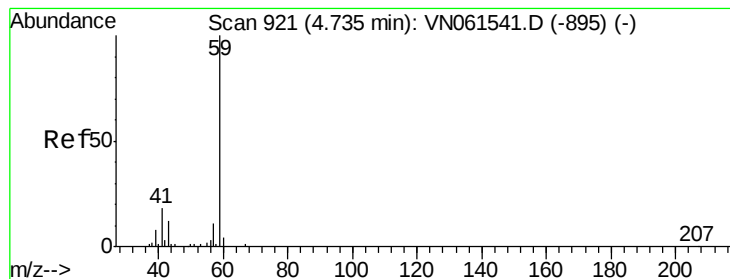
Delta R.T. 0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

Tgt Ion:	142	Resp:	230600
Ion Ratio	Lower	Upper	
142	100		
127	44.1	35.5	53.3
141	13.4	11.5	17.3





#11

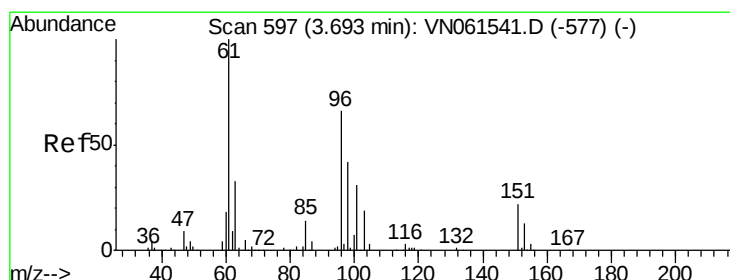
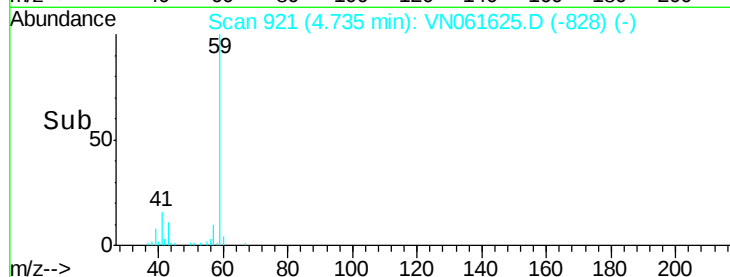
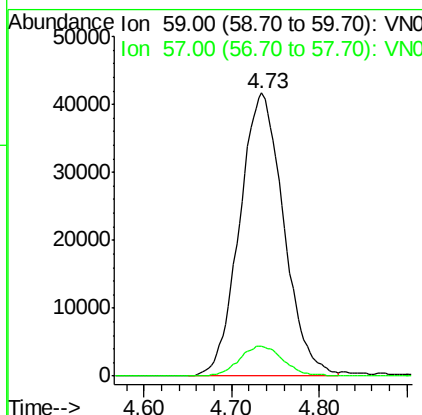
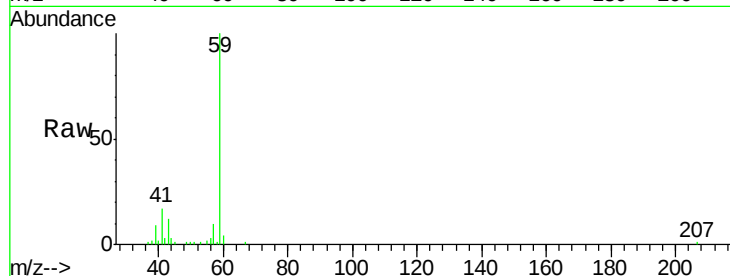
Tert butyl alcohol
Concen: 244.182 ug/l
RT: 4.73 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.4	12.6

Manual Integrations
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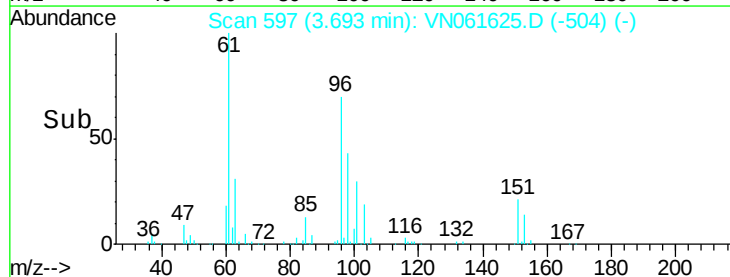
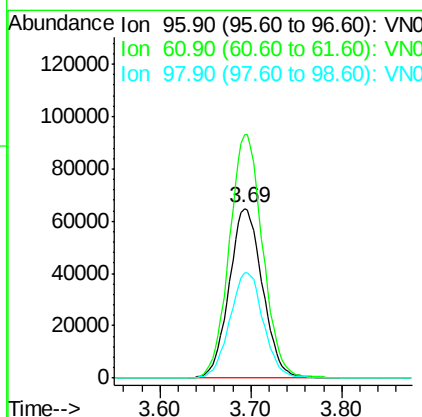
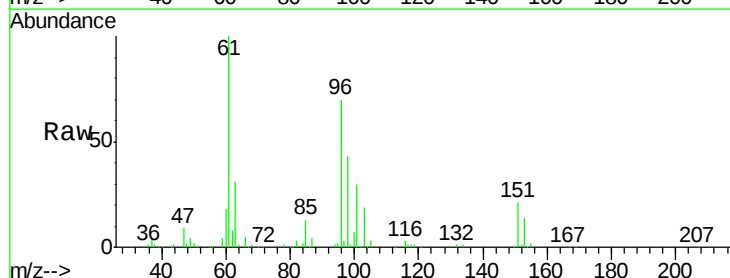
MMDadoda
6/3/2020 11:32:31 AM

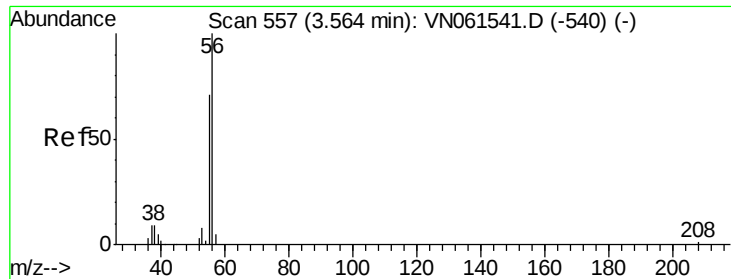


#12

1,1-Dichloroethene
Concen: 42.952 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.2	120.5	180.7
98	62.1	50.8	76.2





#13

Acrolein

Concen: 255.360 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 43996

Ion Ratio Lower Upper

56 100

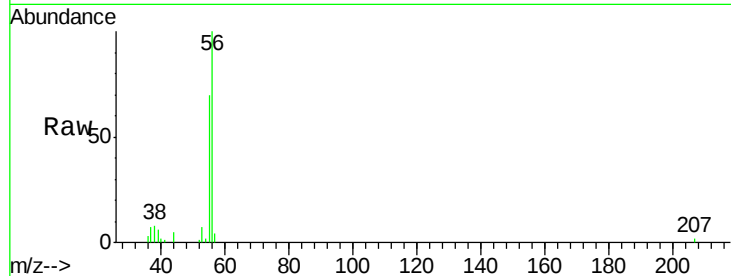
55 71.1 58.0 87.0

Manual Integrations

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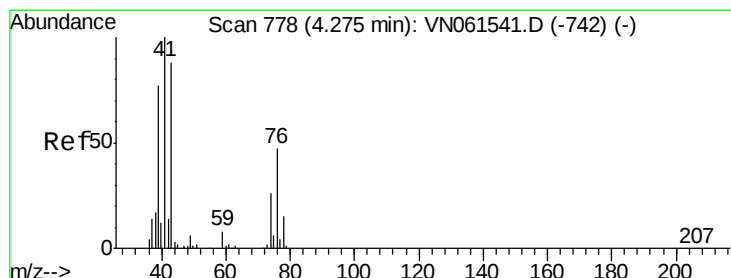
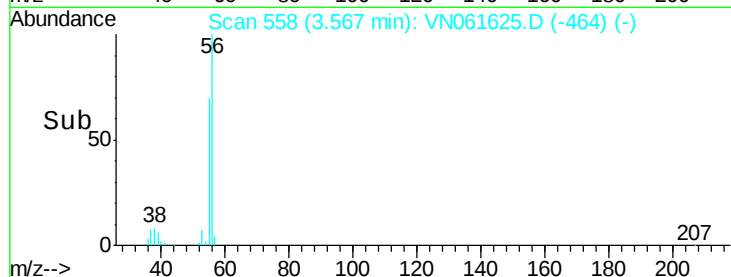
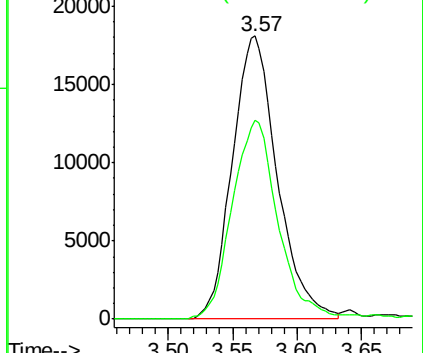
MMDadoda

6/3/2020 11:32:31 AM



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 41.805 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

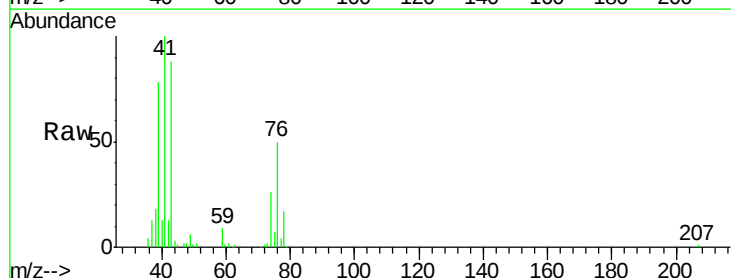
Tgt Ion: 41 Resp: 210133

Ion Ratio Lower Upper

41 100

39 73.7 58.6 88.0

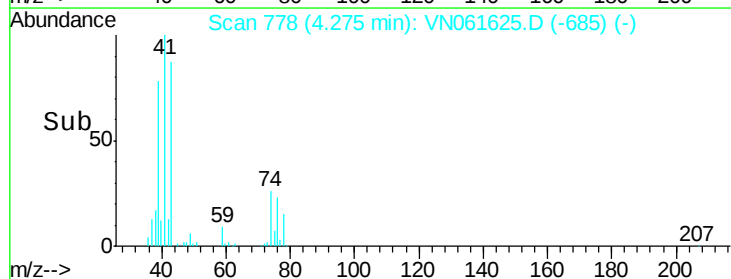
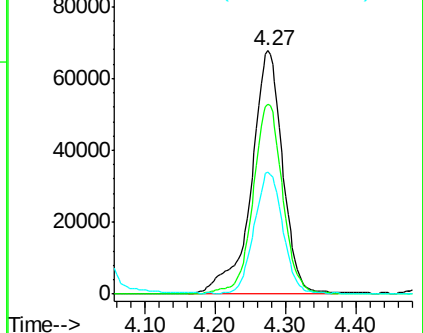
76 45.3 34.2 51.4

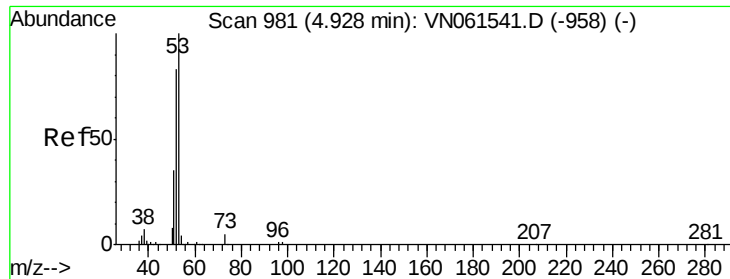


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 217.817 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

Instrument :

MSVOA_N

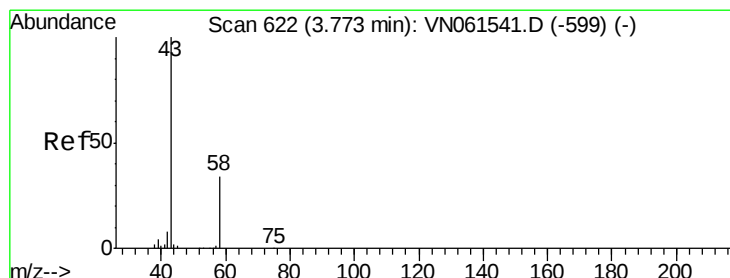
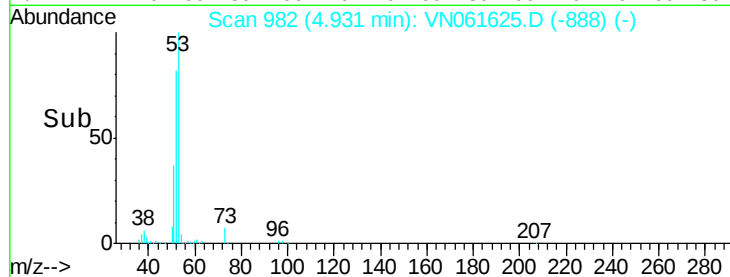
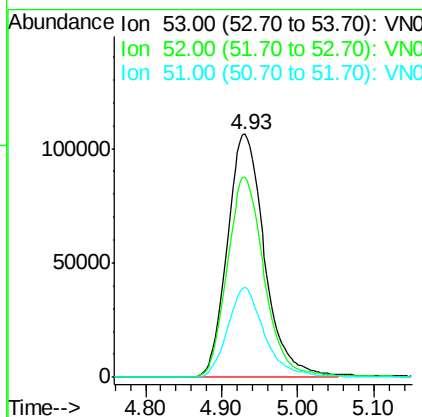
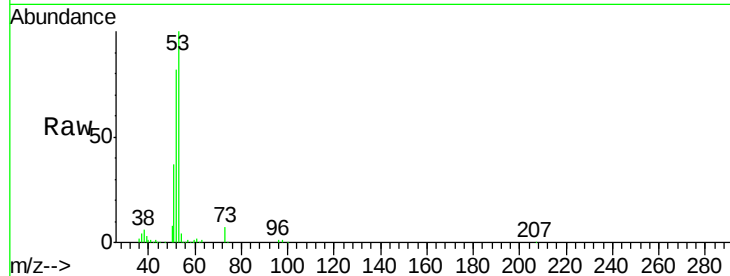
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	362523
Ion Ratio	Lower	Upper	
53	100		
52	81.5	65.4	98.2
51	36.7	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 222.185 ug/l

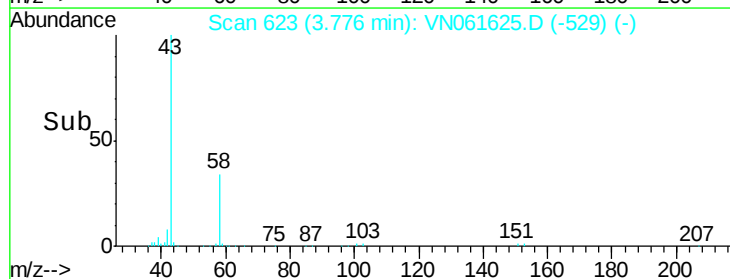
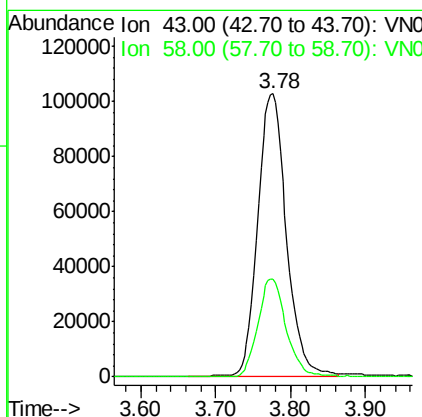
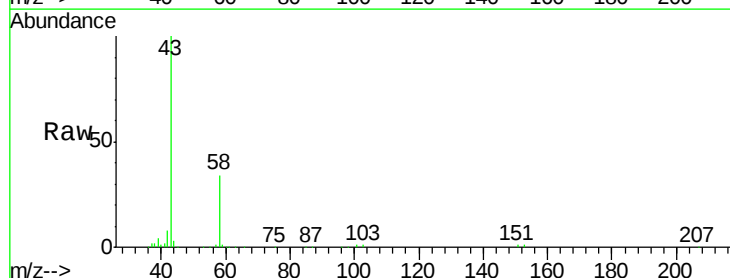
RT: 3.78 min Scan# 623

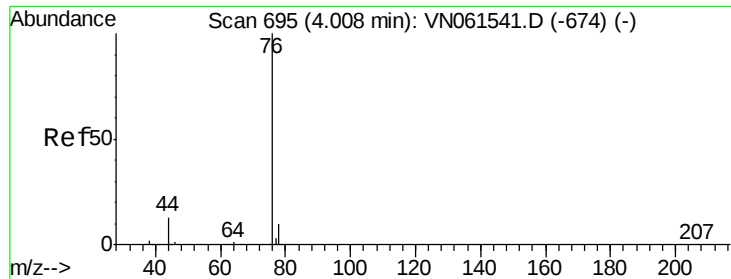
Delta R.T. 0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

Tgt Ion:	43	Resp:	275361
Ion Ratio	Lower	Upper	
43	100		
58	34.4	27.2	40.8





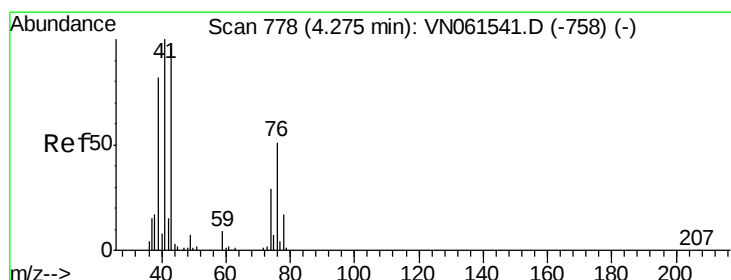
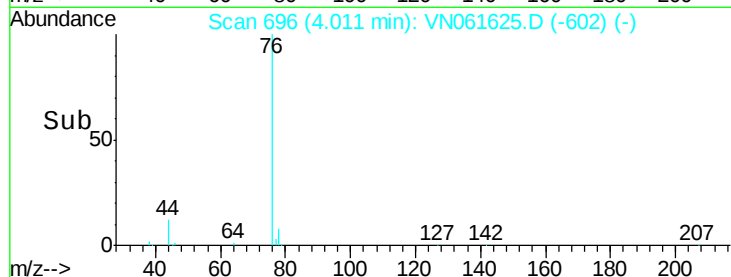
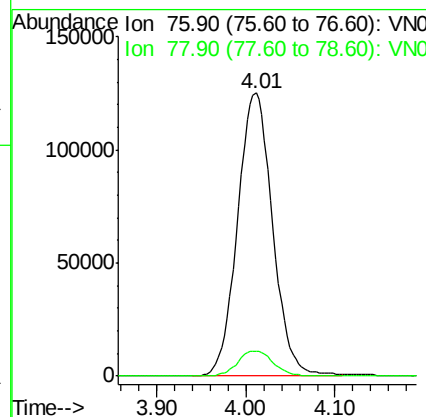
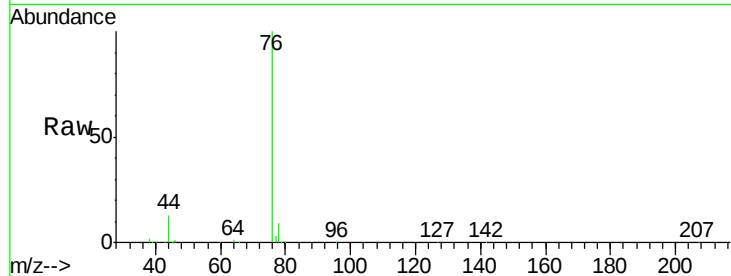
#17
Carbon Disulfide
Concen: 40.411 ug/l
RT: 4.01 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.8	11.6

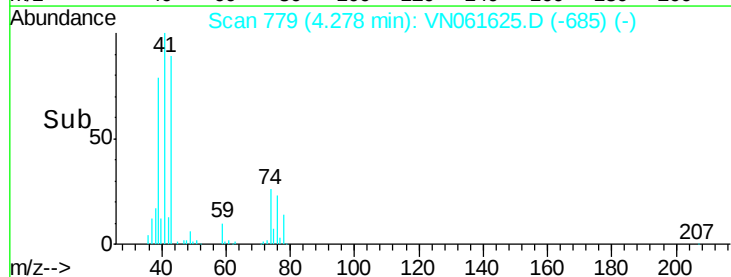
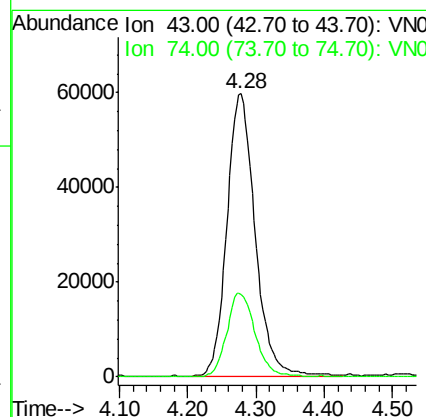
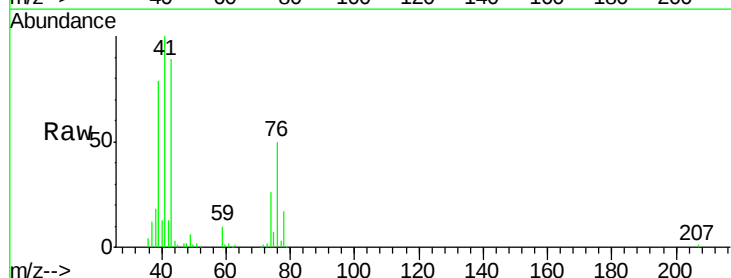
Manual Integrations
APPROVED

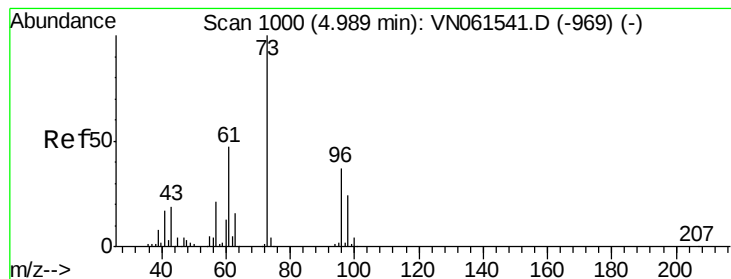
MMDadoda
6/3/2020 11:32:31 AM



#18
Methyl Acetate
Concen: 41.828 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Tgt Ion	Ratio	Lower	Upper
43	100		
74	30.2	23.2	34.8





#19

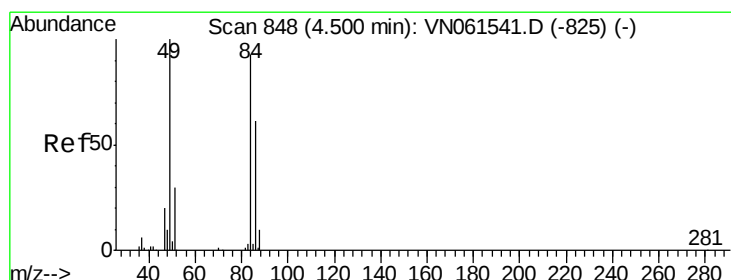
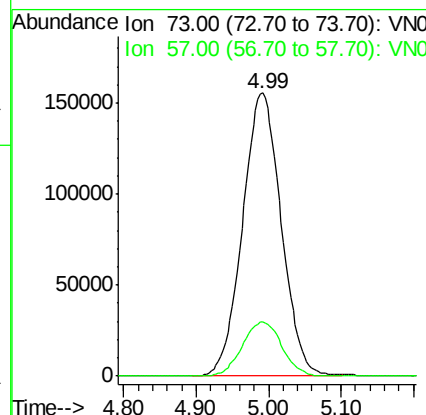
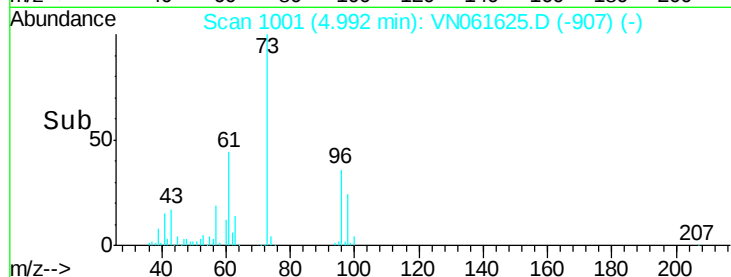
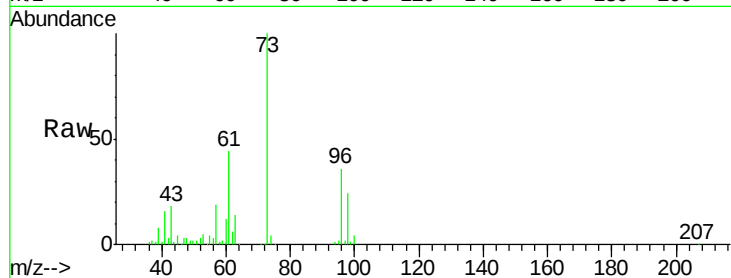
Methyl tert-butyl Ether
 Concen: 44.009 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN061625.D
 Acq: 2 Jun 2020 17:59

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

Tot Ion: 73 Resp: 576673
 Ion Ratio Lower Upper
 73 100
 57 19.2 16.4 24.6

Manual Integrations
 APPROVED

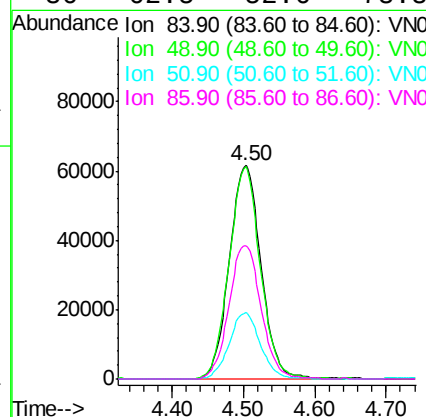
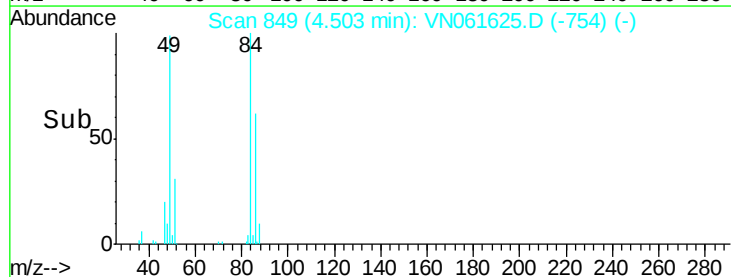
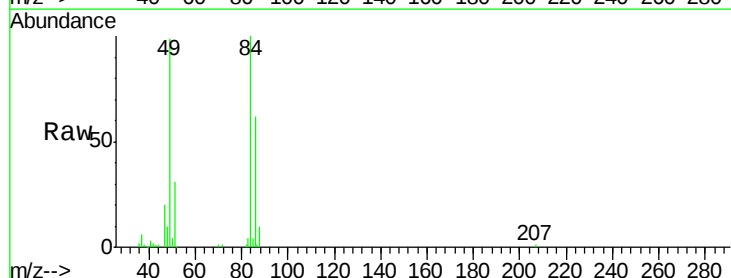
MMDadoda
 6/3/2020 11:32:31 AM

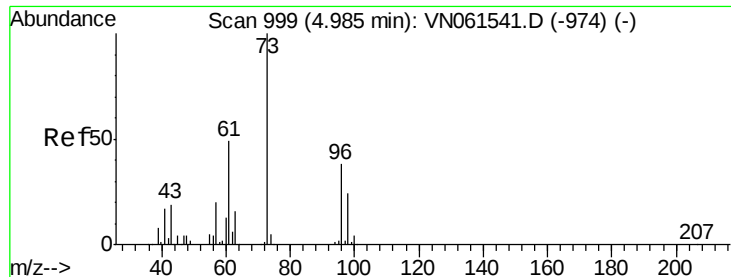


#20

Methylene Chloride
 Concen: 46.703 ug/l
 RT: 4.50 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: VN061625.D
 Acq: 2 Jun 2020 17:59

Tgt Ion: 84 Resp: 190767
 Ion Ratio Lower Upper
 84 100
 49 99.4 85.8 128.8
 51 31.3 26.2 39.2
 86 62.5 52.6 78.8





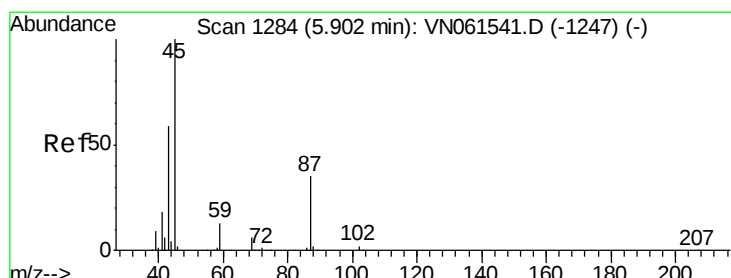
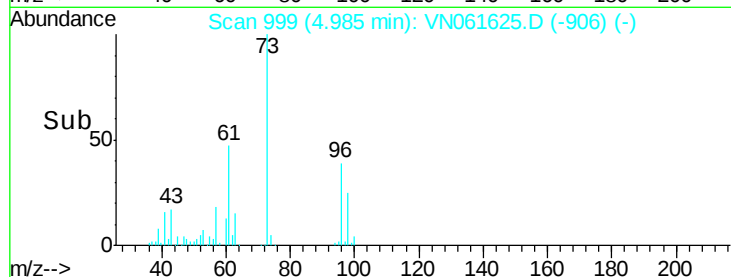
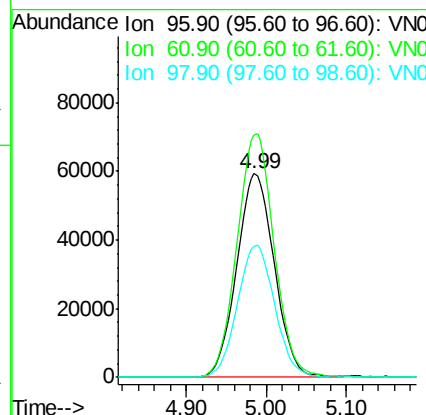
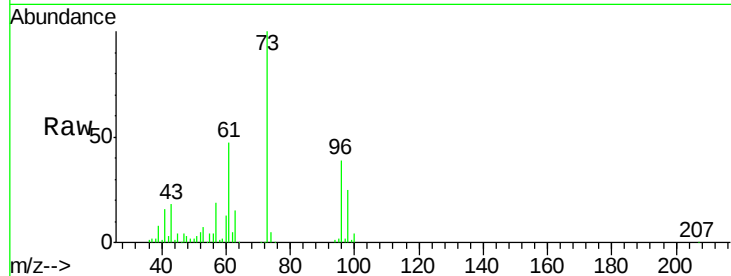
#21
trans-1,2-Dichloroethene
Concen: 43.572 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	119.3	101.4	152.0
98	64.5	50.6	76.0

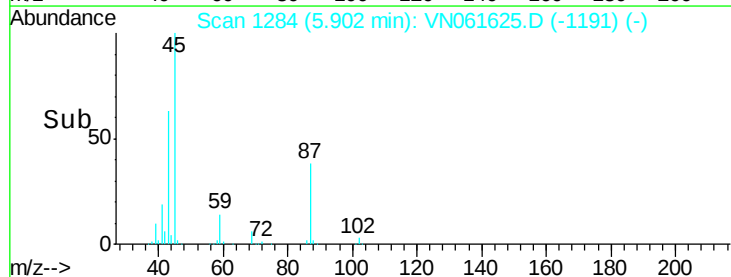
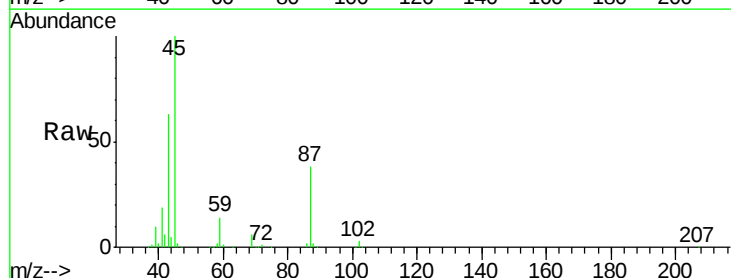
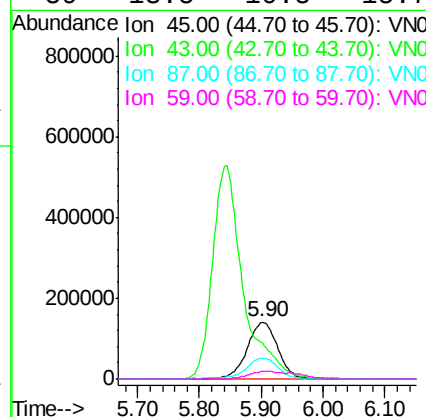
Manual Integrations
APPROVED

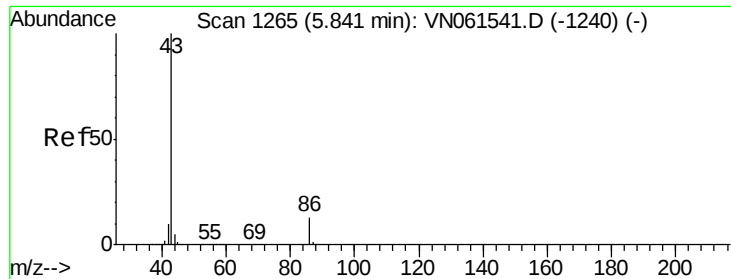
MMDadoda
6/3/2020 11:32:31 AM



#22
Diisopropyl ether
Concen: 43.753 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Tgt Ion	Ratio	Lower	Upper
45	100		
43	61.7	47.9	71.9
87	37.5	28.4	42.6
59	13.5	10.5	15.7





#23

Vinyl Acetate

Concen: 205.687 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1816175

Ion Ratio Lower Upper

43 100

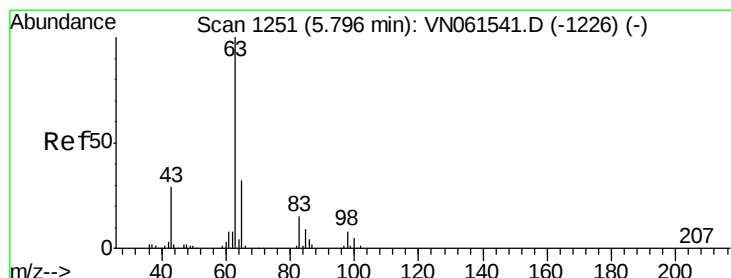
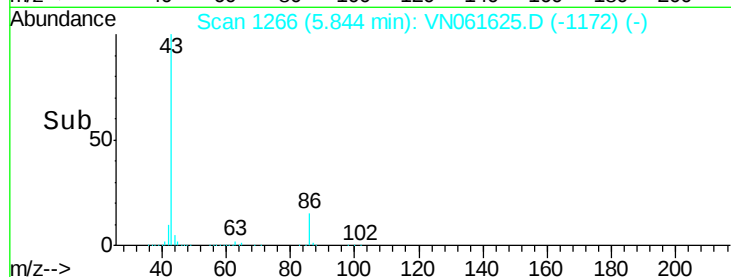
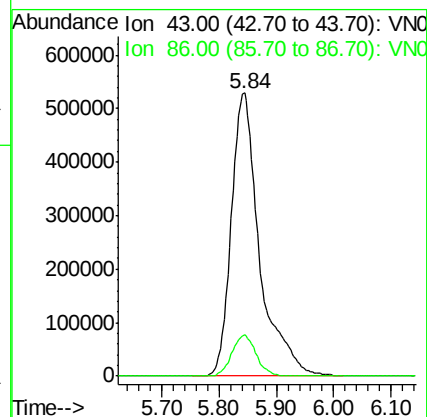
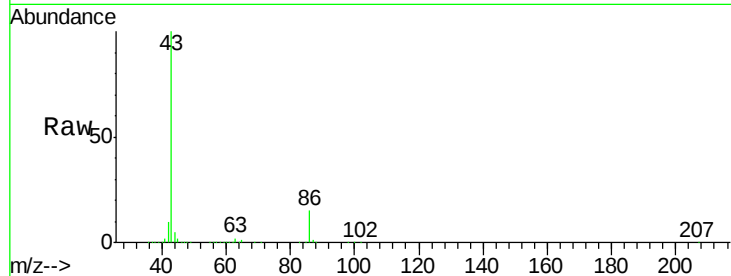
86 14.5 10.6 16.0

Manual Integrations

APPROVED

MMDadoda

6/3/2020 11:32:31 AM



#24

1,1-Dichloroethane

Concen: 43.660 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

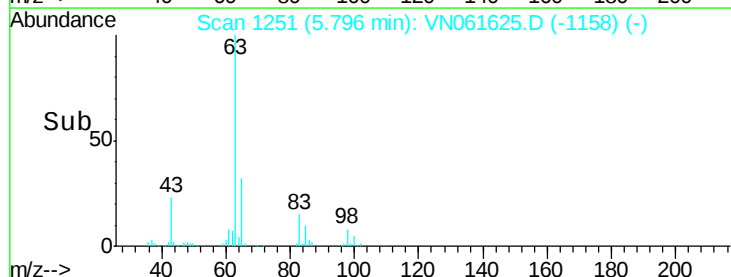
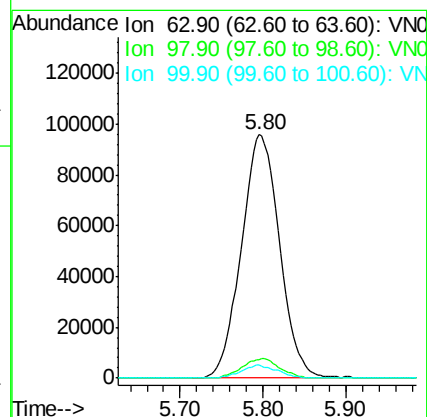
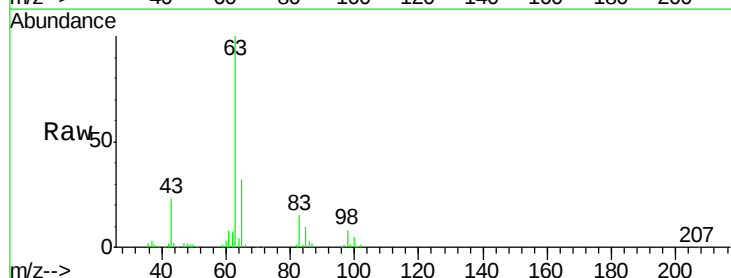
Tgt Ion: 63 Resp: 306712

Ion Ratio Lower Upper

63 100

98 7.8 3.8 11.4

100 5.4 2.5 7.6





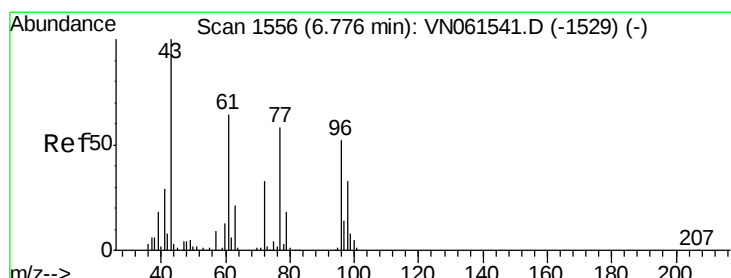
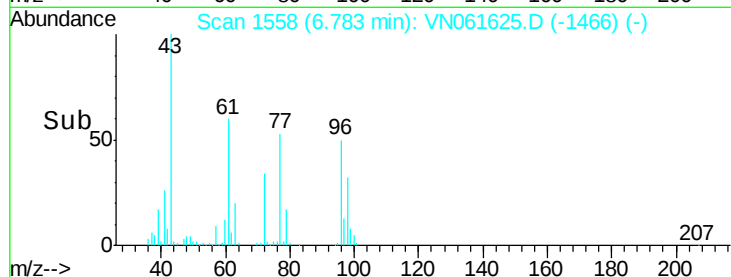
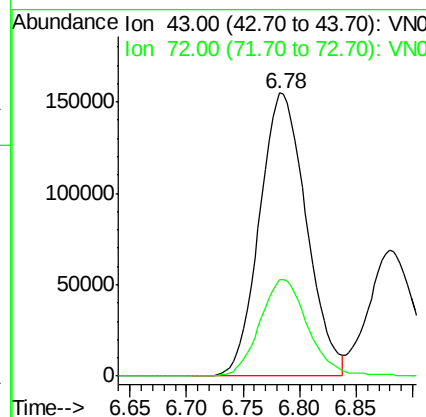
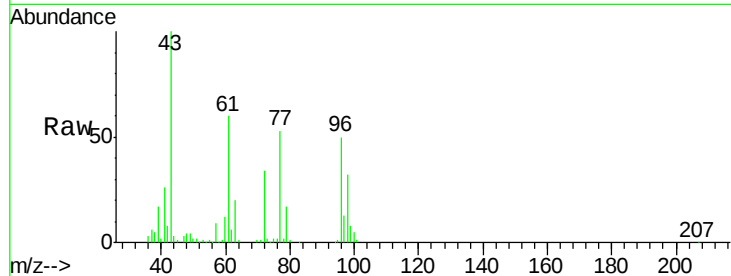
#25
2-Butanone
Concen: 208.785 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 443584
Ion Ratio Lower Upper
43 100
72 34.1 26.0 39.0

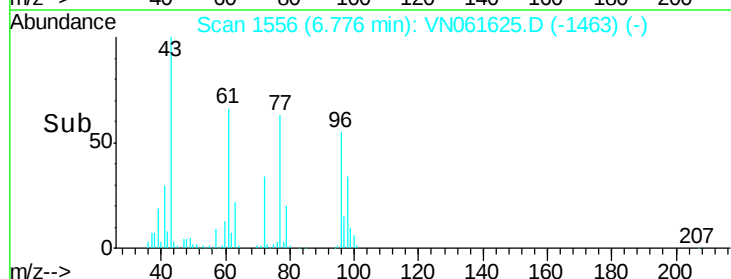
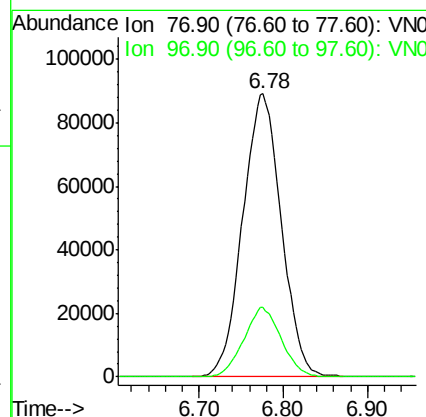
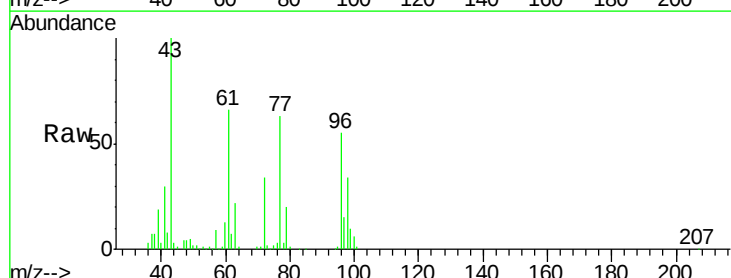
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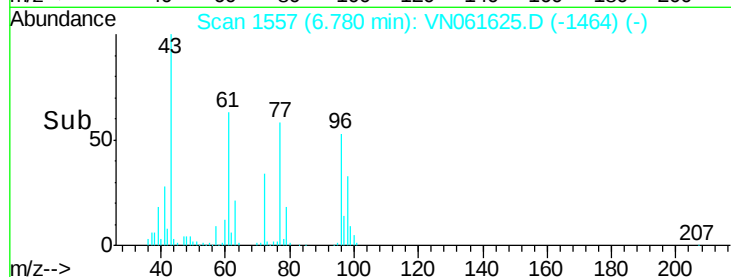
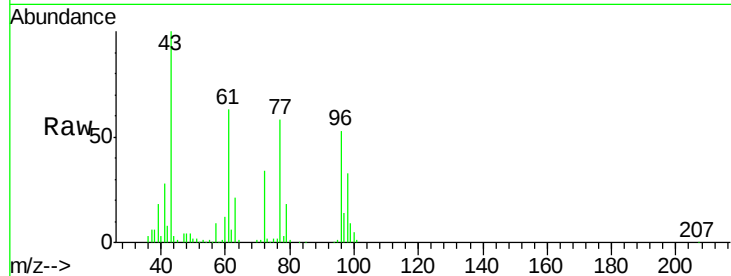
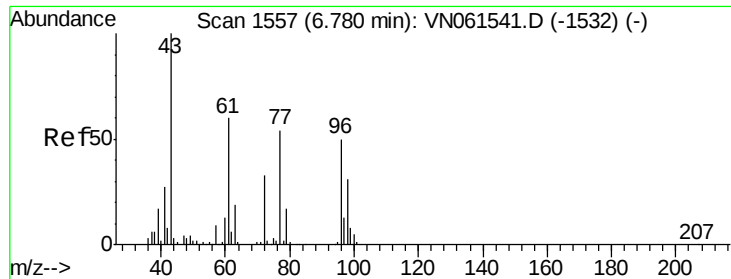
MMDadoda
6/3/2020 11:32:31 AM



#26
2,2-Dichloropropane
Concen: 44.114 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Tgt Ion: 77 Resp: 283643
Ion Ratio Lower Upper
77 100
97 23.8 12.0 36.0





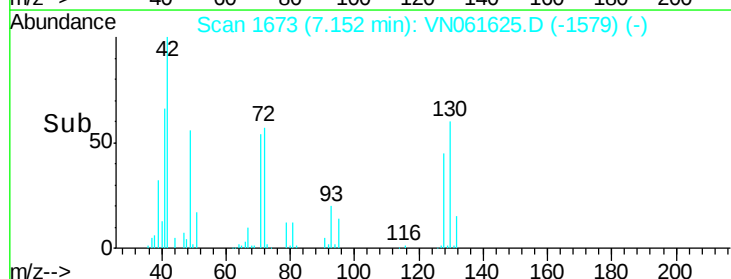
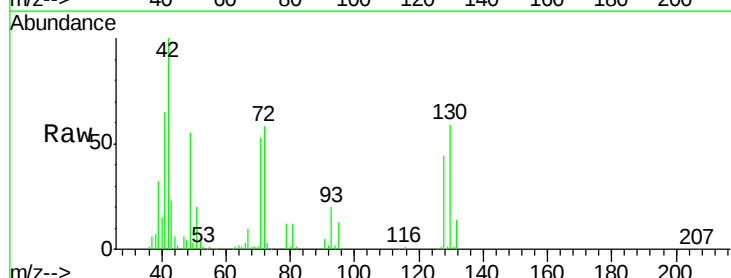
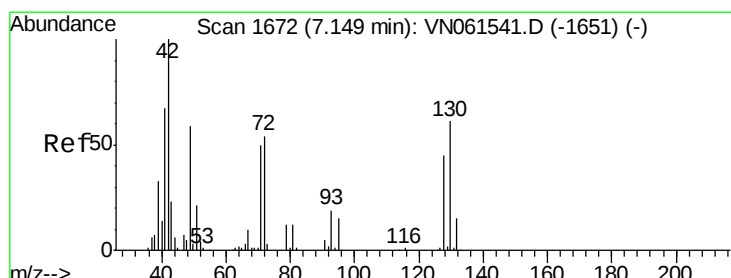
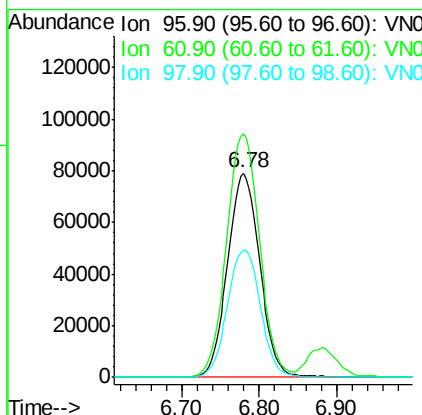
#27
 cis-1,2-Dichloroethene
 Concen: 46.576 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN061625.D
 Acq: 2 Jun 2020 17:59

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	122.1	0.0	252.2	
98	64.0	0.0	129.2	

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

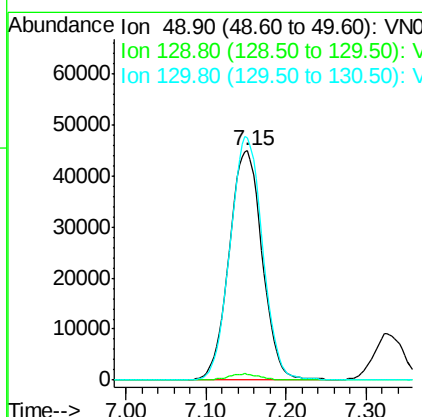
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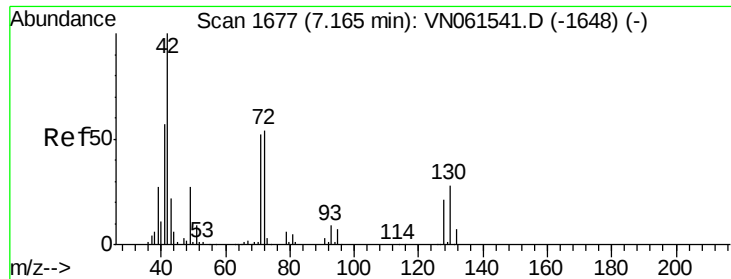
MMDadoda
 6/3/2020 11:32:31 AM



#28
 Bromochloromethane
 Concen: 47.798 ug/l
 RT: 7.15 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: VN061625.D
 Acq: 2 Jun 2020 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.6	0.0	4.8	
130	104.0	78.8	118.2	





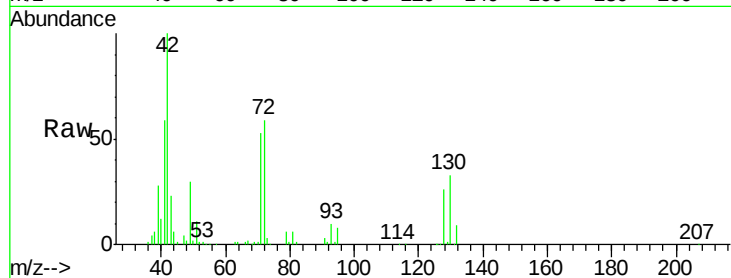
#29
Tetrahydrofuran
Concen: 209.925 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

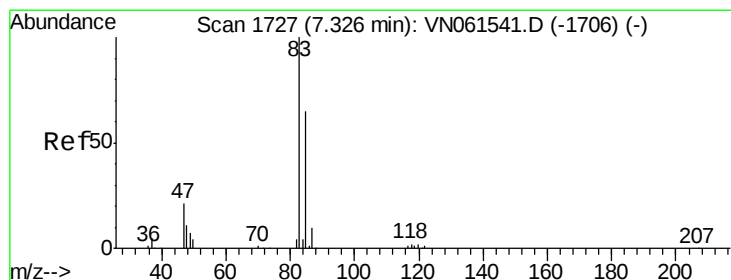
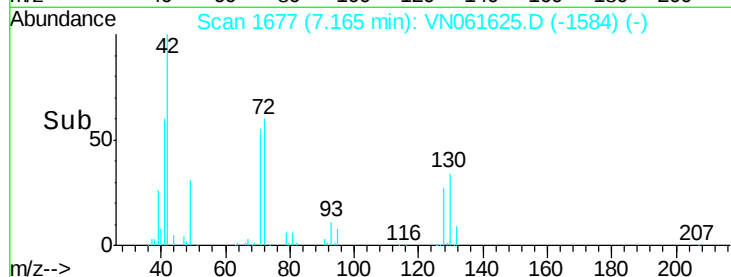
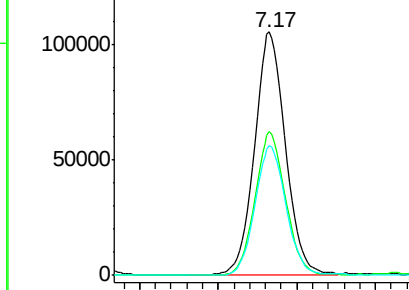
Tot Ion	Ratio	Lower	Upper
42	100		
72	58.1	43.6	65.4
71	53.5	41.2	61.8

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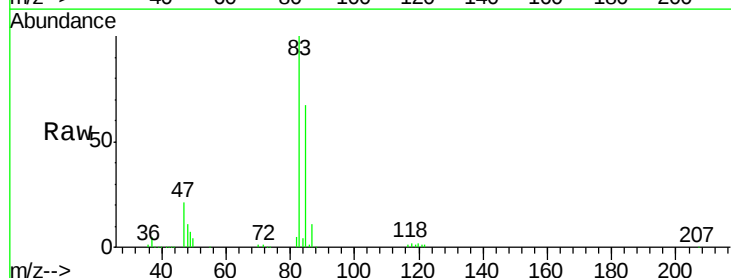


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

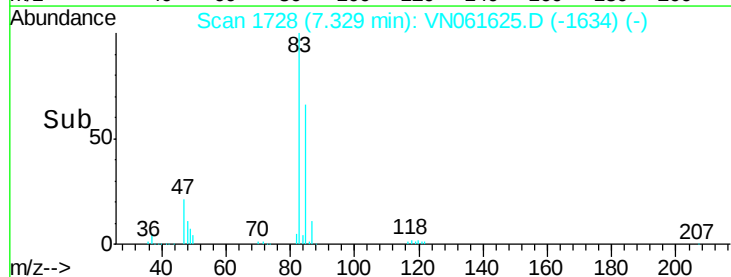
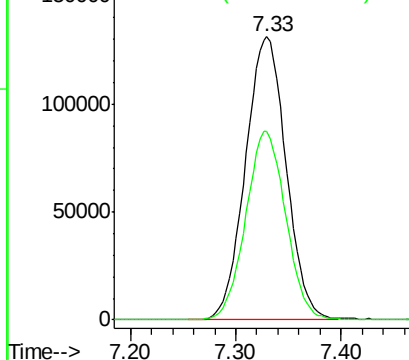


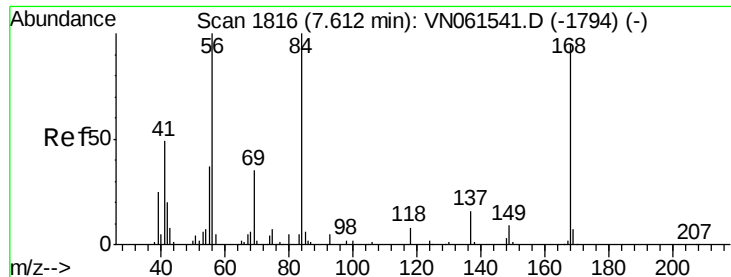
#30
Chloroform
Concen: 45.286 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.6	51.7	77.5



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 41.451 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 261887

Ion Ratio Lower Upper

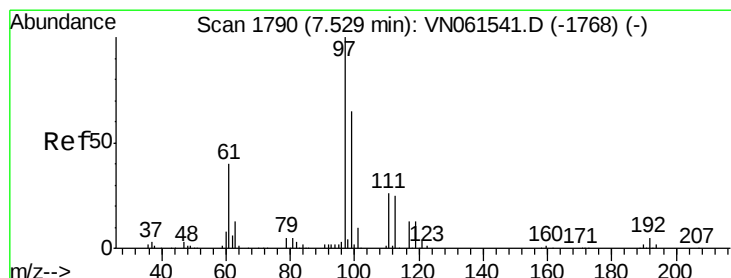
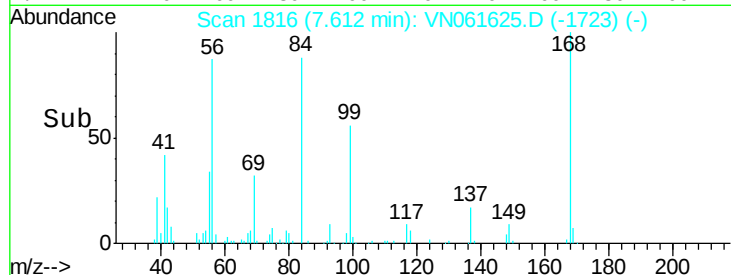
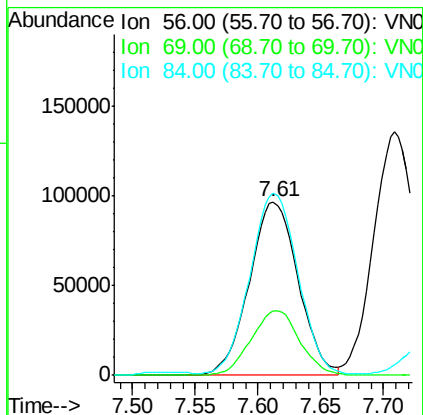
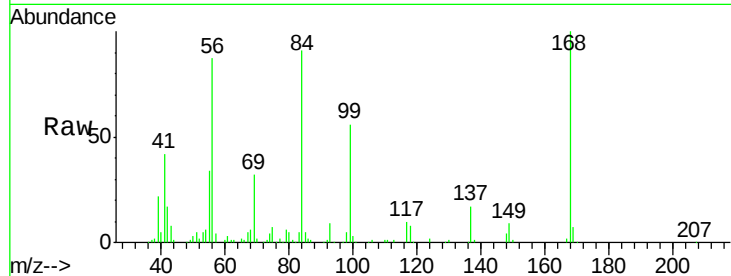
56 100

69 37.0 27.8 41.8

84 103.5 79.9 119.9

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#32

1,1,1-Trichloroethane

Concen: 45.547 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

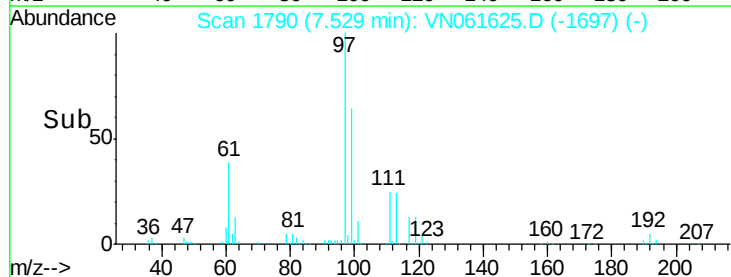
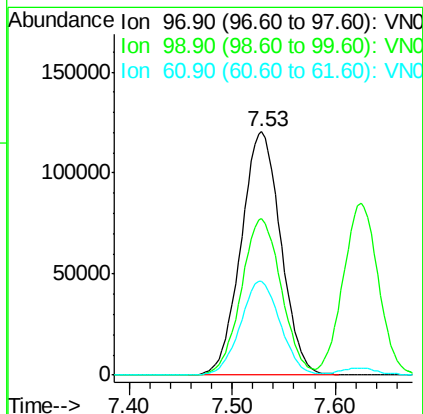
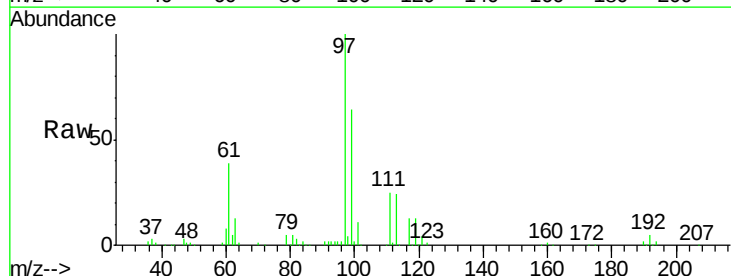
Tgt Ion: 97 Resp: 322556

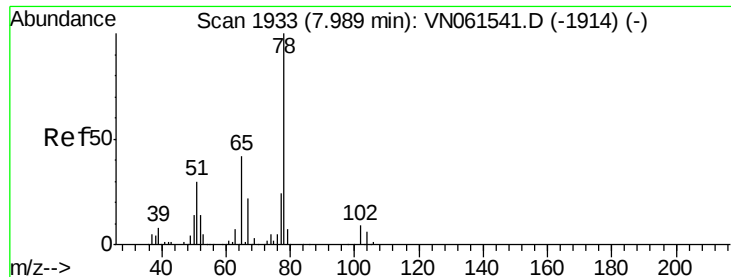
Ion Ratio Lower Upper

97 100

99 64.8 51.4 77.0

61 38.7 31.4 47.0





#33

1,2-Dichloroethane-d4

Concen: 45.108 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 202217

Ion Ratio Lower Upper

65 100

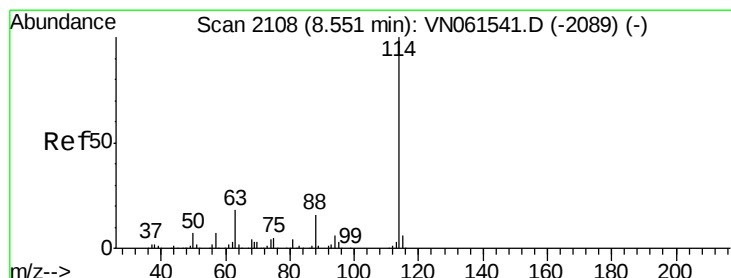
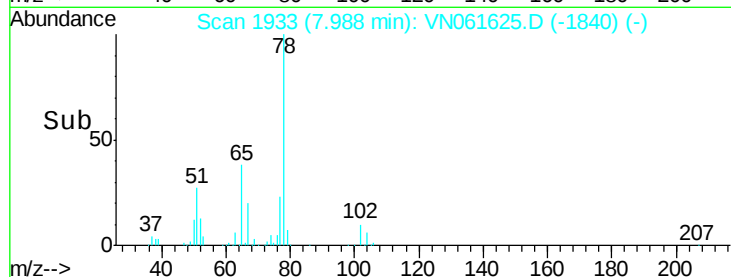
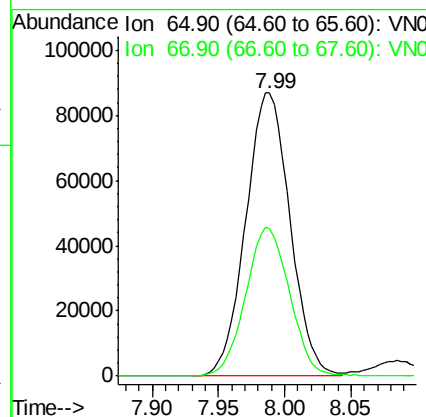
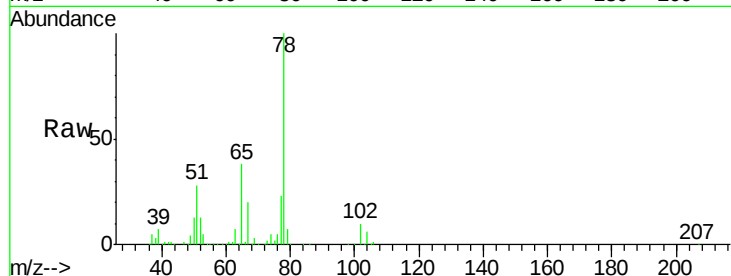
67 52.3 0.0 104.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

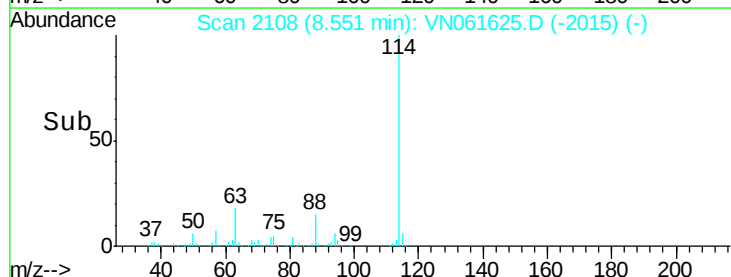
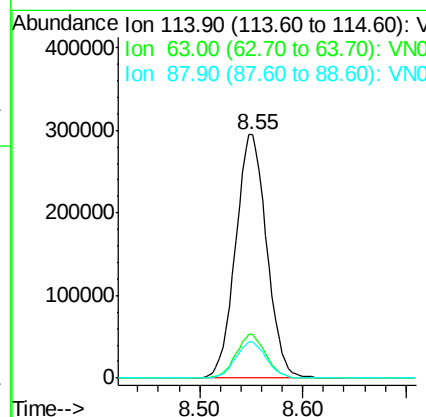
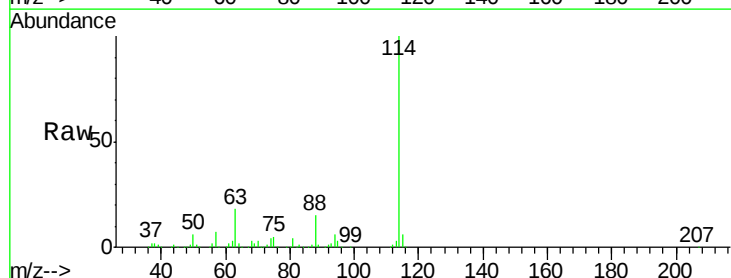
Tgt Ion: 114 Resp: 618613

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.8

88 14.8 0.0 31.0





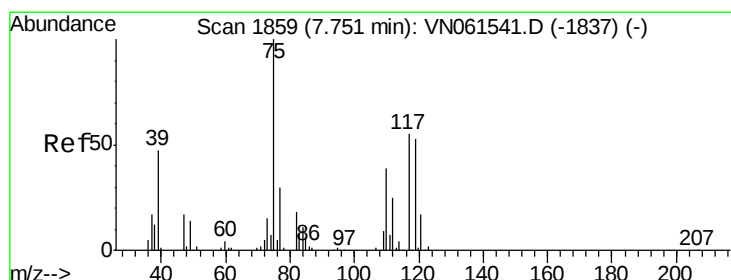
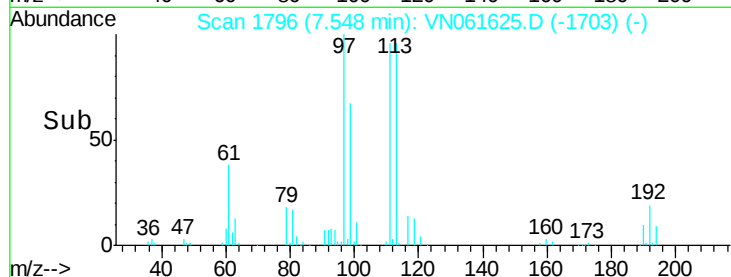
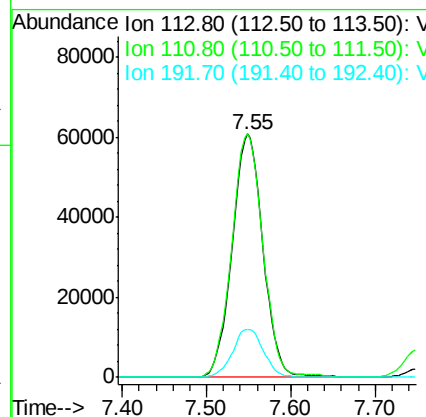
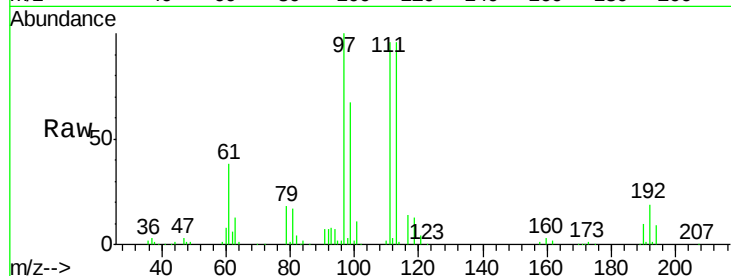
#35
Dibromofluoromethane
Concen: 49.129 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	154172		
111	100.7	83.4	125.0	
192	19.9	15.4	23.2	

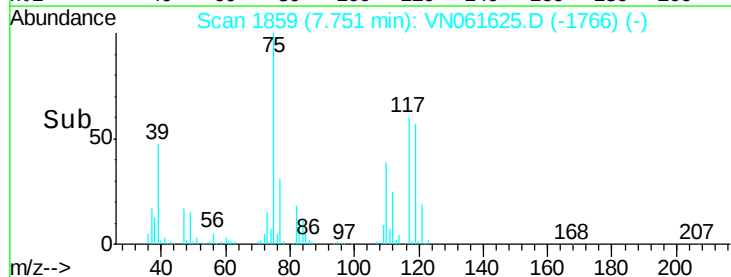
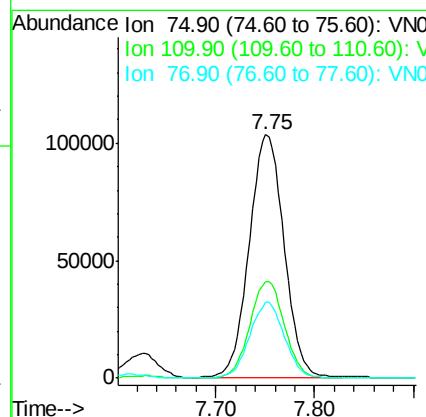
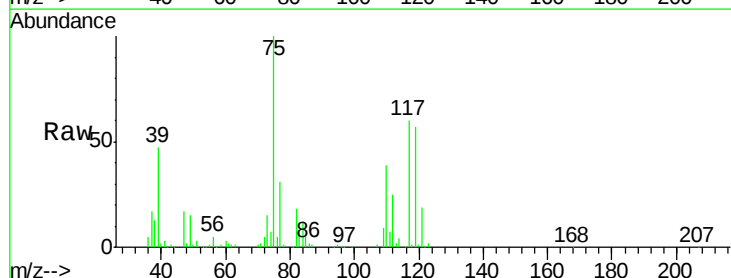
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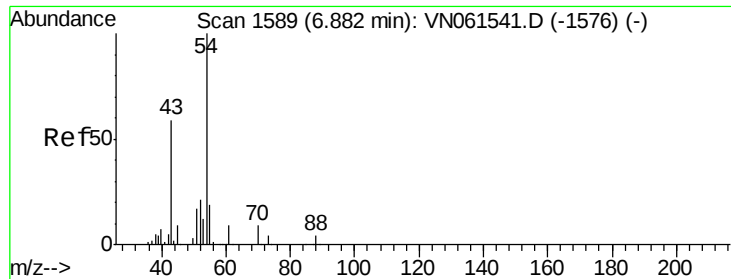
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#36
1,1-Dichloropropene
Concen: 46.079 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	252344		
110	39.5	19.5	58.5	
77	31.2	24.7	37.1	





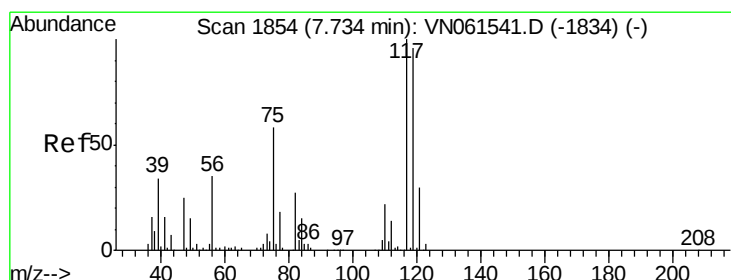
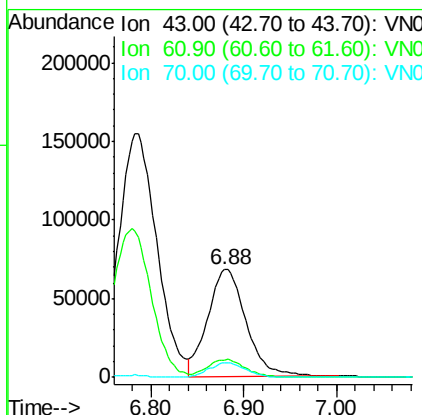
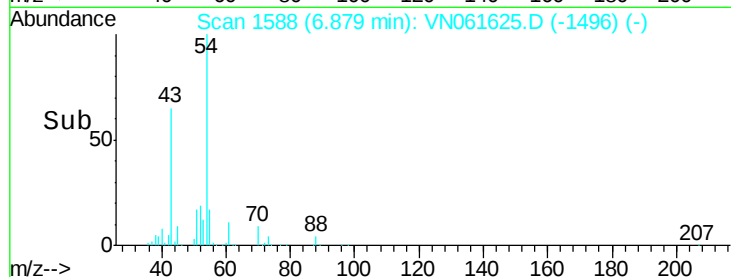
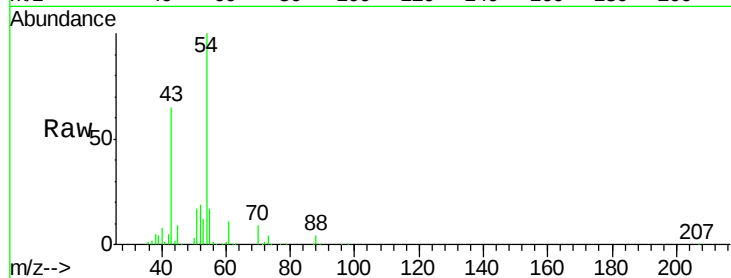
#37
Ethyl Acetate
Concen: 44.394 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	61	70
Resp	195812		
Ratio	100	16.7	13.2
Lower		12.2	9.4
Upper		18.4	14.2

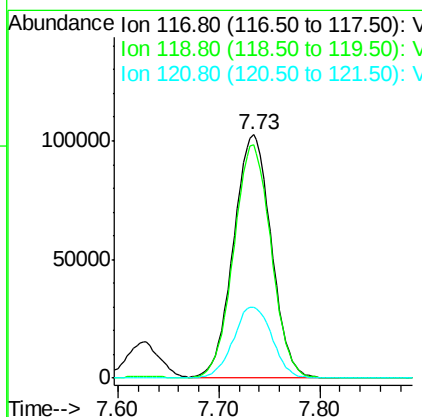
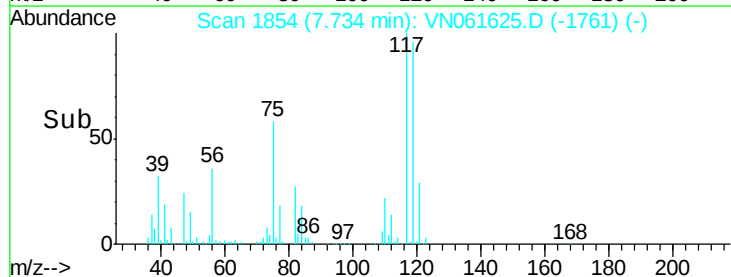
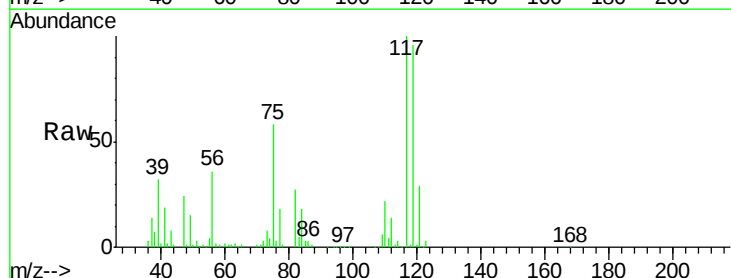
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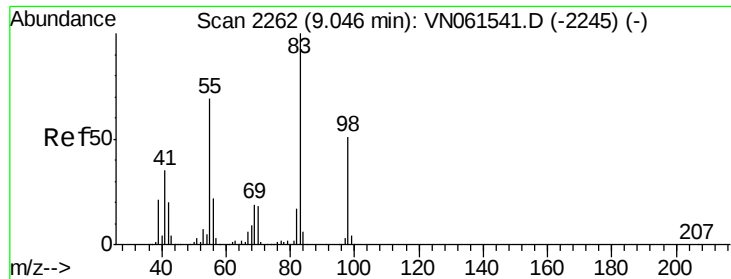
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#38
Carbon Tetrachloride
Concen: 50.119 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Tgt Ion	117	119	121
Resp	264746		
Ratio	100	95.9	29.3
Lower		76.5	24.1
Upper		114.7	36.1





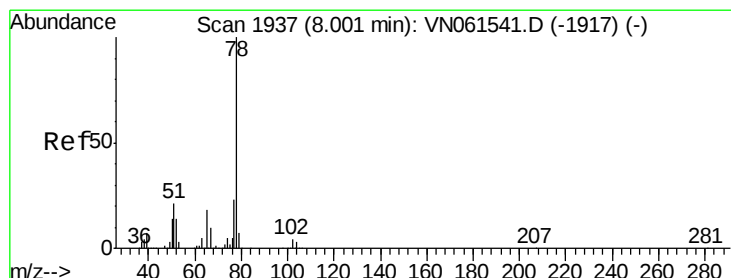
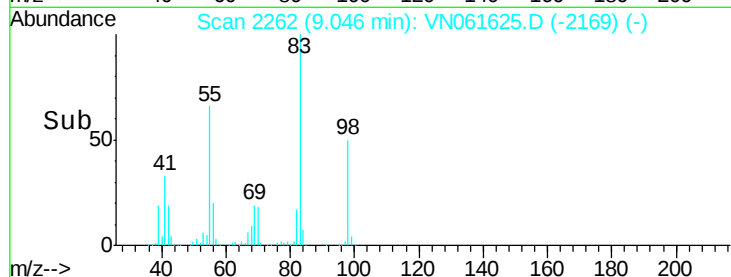
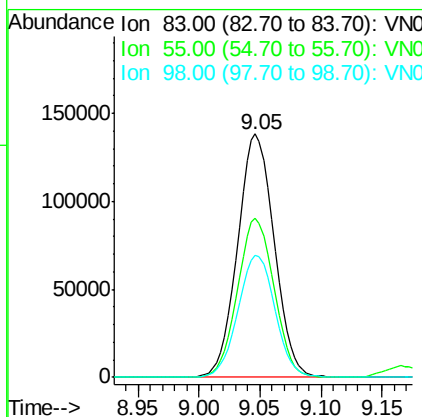
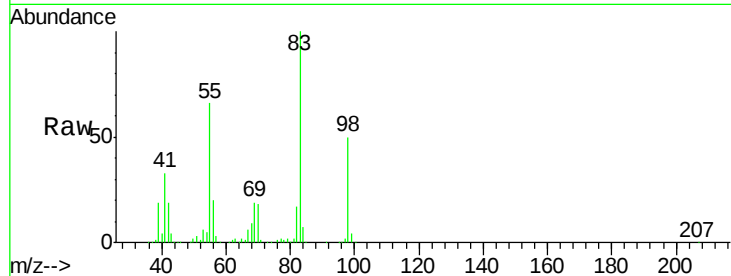
#39
Methvlcvclohexane
Concen: 42.560 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	287279		
55	65.5		54.9	82.3
98	50.2		41.0	61.4

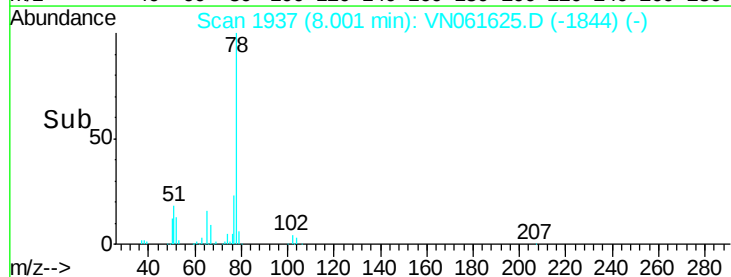
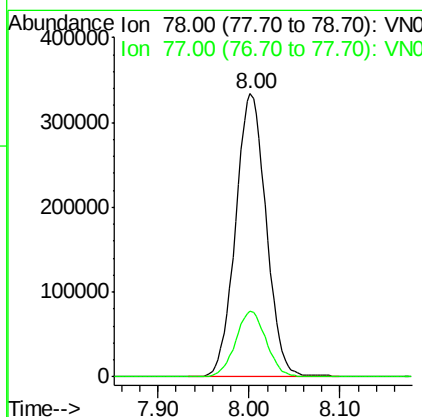
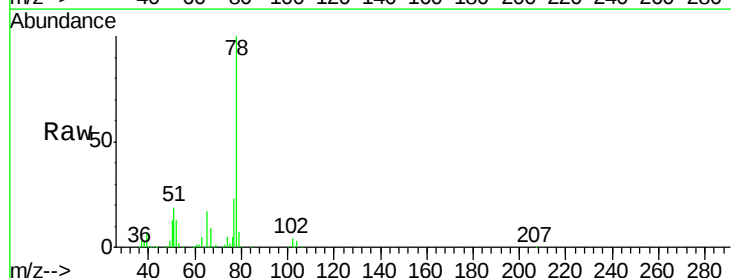
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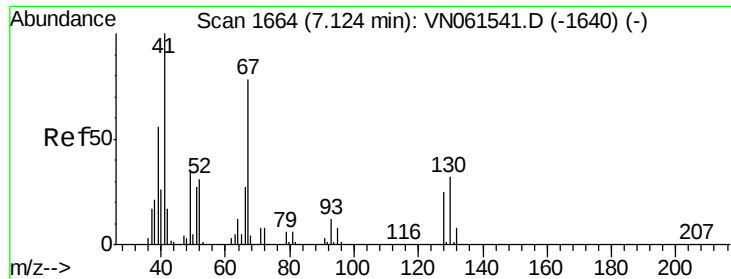
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#40
Benzene
Concen: 46.232 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	781178		
77	23.1		18.6	28.0





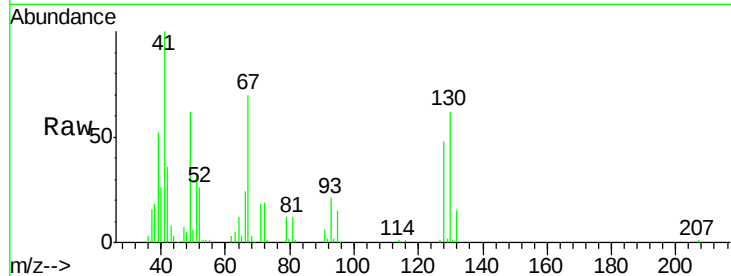
#41
Methacrylonitrile
Concen: 47.041 ug/l m
RT: 7.13 min Scan# 1666
Delta R.T. 0.01 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

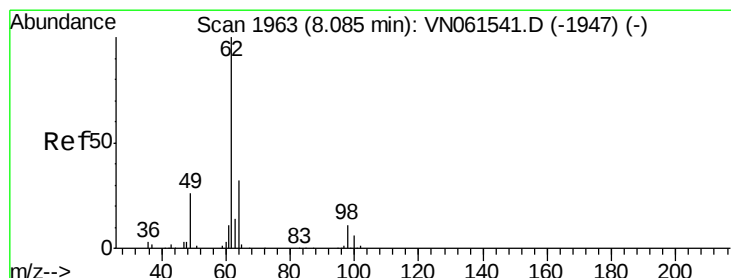
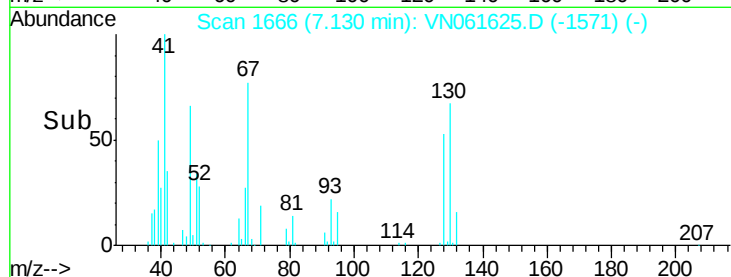
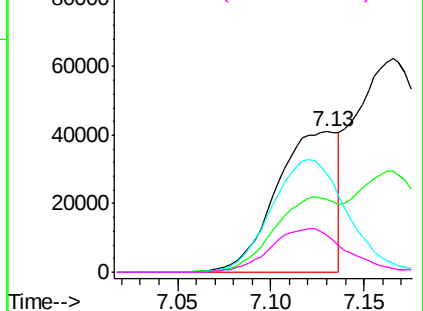
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.8	80.6#
67	0.0	91.1	136.7#
52	0.0	36.0	54.0#

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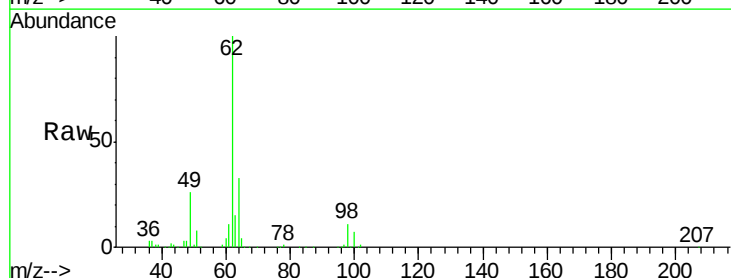


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

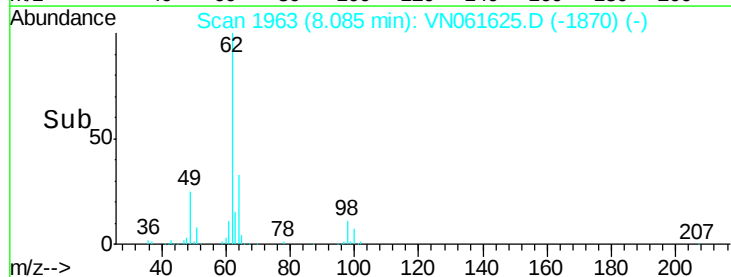
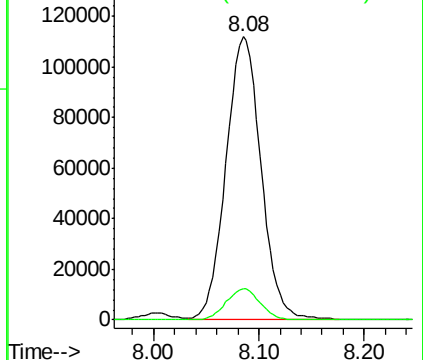


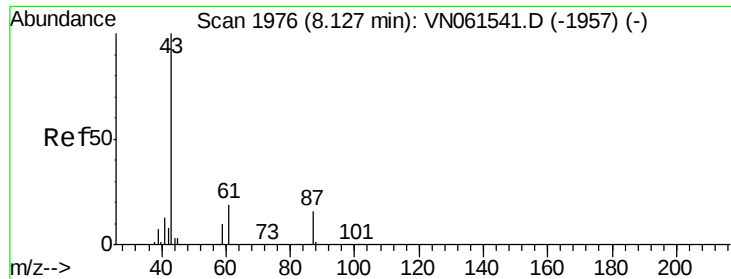
#42
1,2-Dichloroethane
Concen: 45.366 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.4



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC





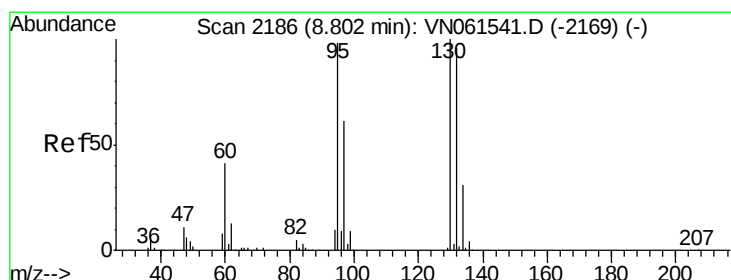
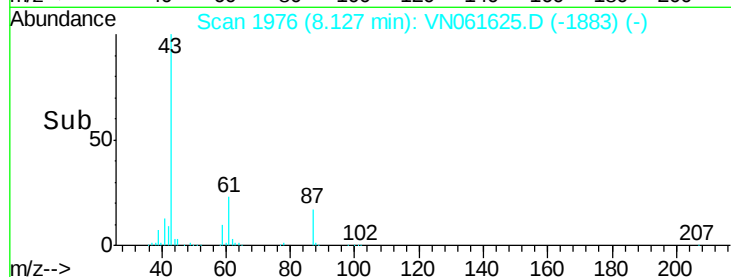
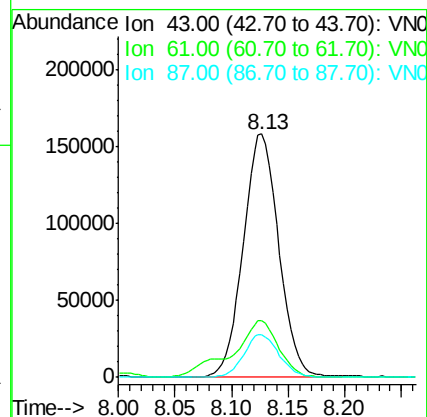
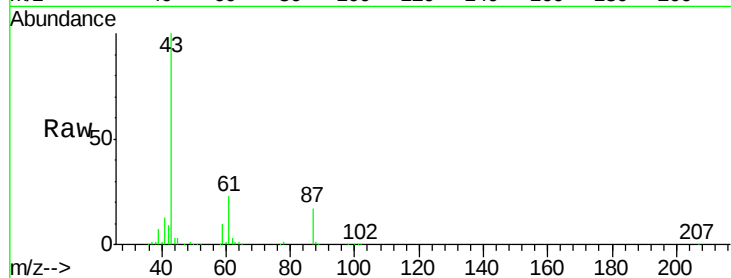
#43
Isopropyl Acetate
Concen: 43.572 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	24.0	23.6	35.4
87	17.4	13.0	19.6

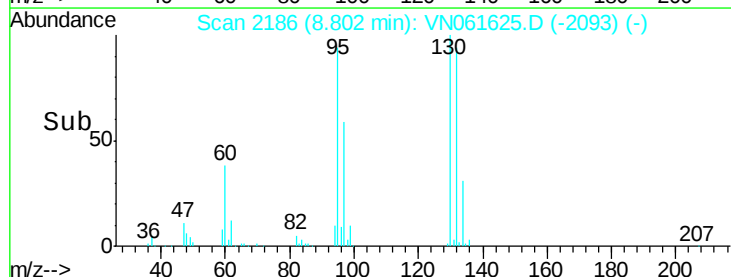
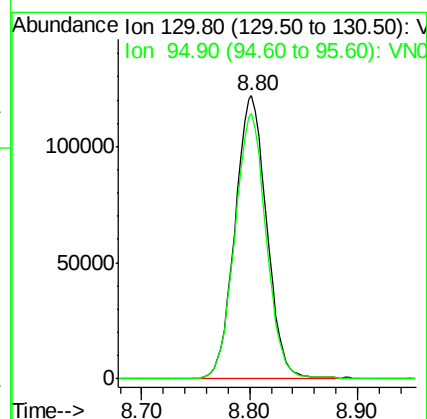
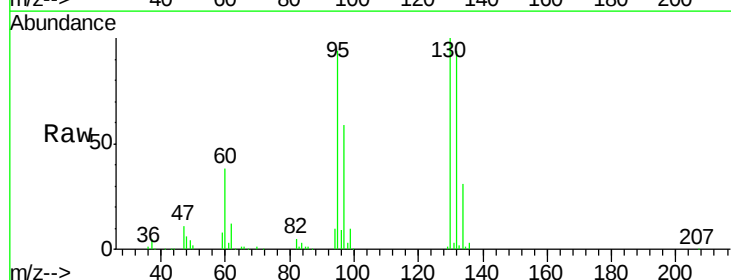
Manual Integrations
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6/3/2020 11:32:31 AM



#44
Trichloroethene
Concen: 47.867 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	196.6





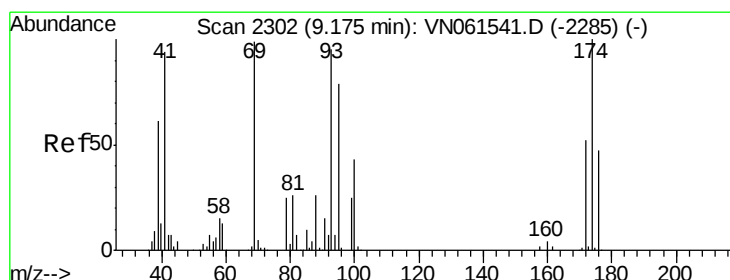
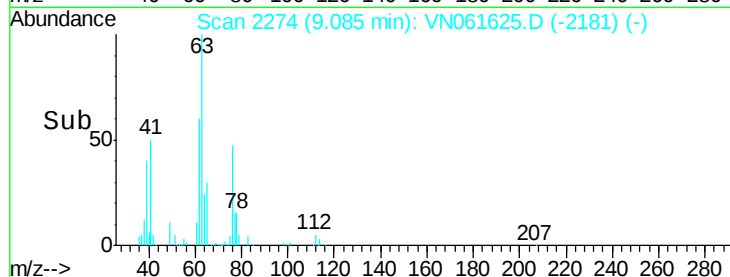
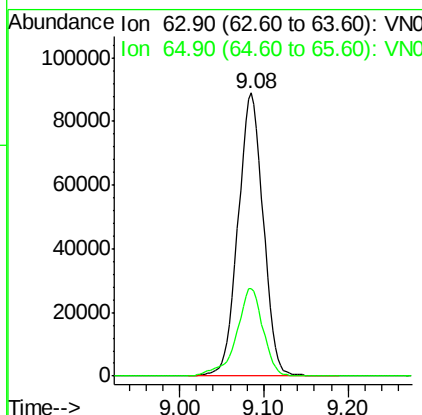
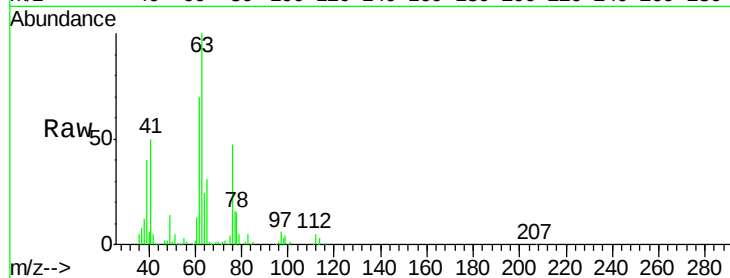
#45
 1,2-Dichloropropane
 Concen: 46.272 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN061625.D
 Acq: 2 Jun 2020 17:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 185657
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.7 37.1

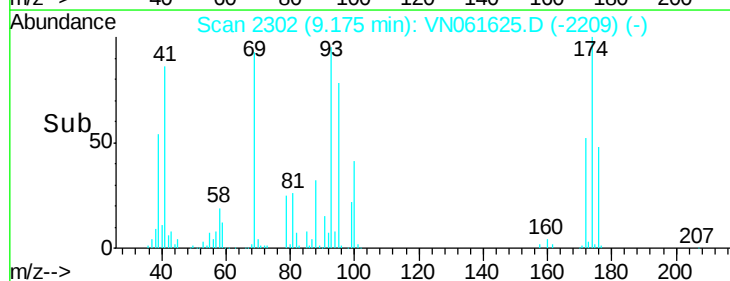
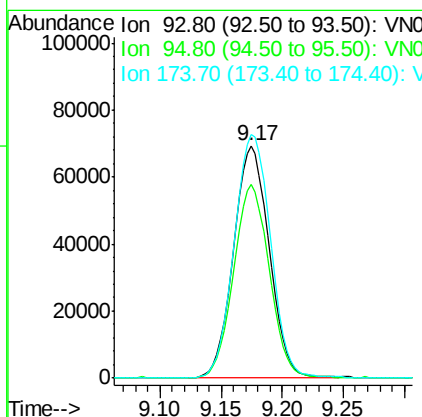
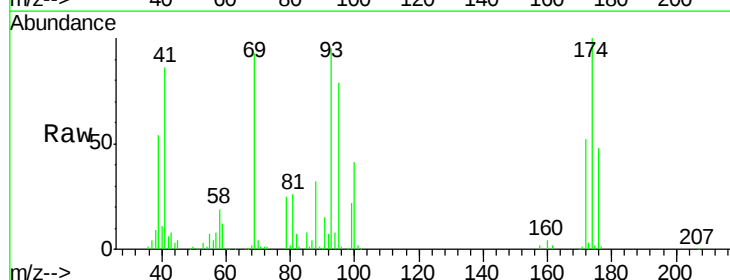
Manual Integrations
 APPROVED

MMDadoda
 6/3/2020 11:32:31 AM



#46
 Dibromomethane
 Concen: 45.783 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN061625.D
 Acq: 2 Jun 2020 17:59

Tgt Ion: 93 Resp: 140883
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.0 99.0
 174 106.9 82.5 123.7





#47

Bromodichloromethane

Concen: 46.829 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

Instrument :

MSVOA_N

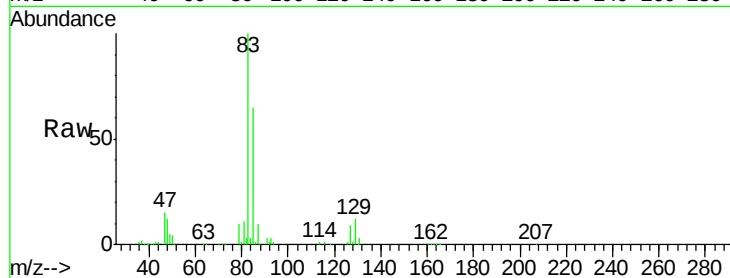
ClientSampleId :

VSTDCCC050EC

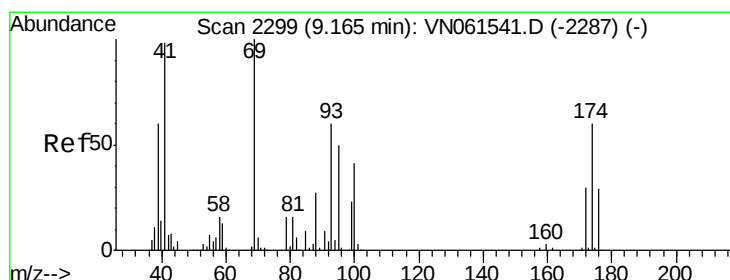
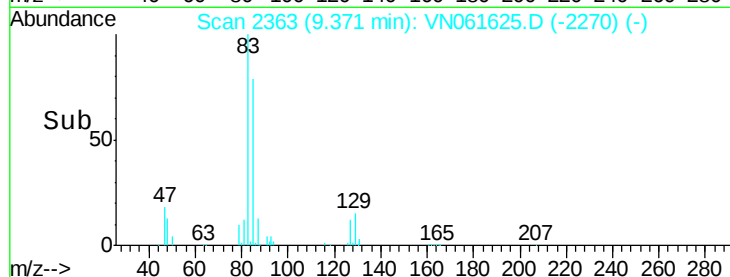
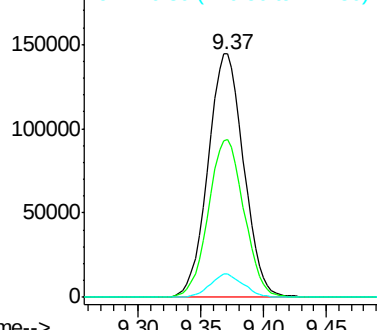
Tot Ion:	83	Resp:	285499
Ion Ratio	Lower	Upper	
83	100		
85	64.8	51.1	76.7
127	9.4	7.2	10.8

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN061625.D (-2270) (-)



#48

Methyl methacrylate

Concen: 41.876 ug/l

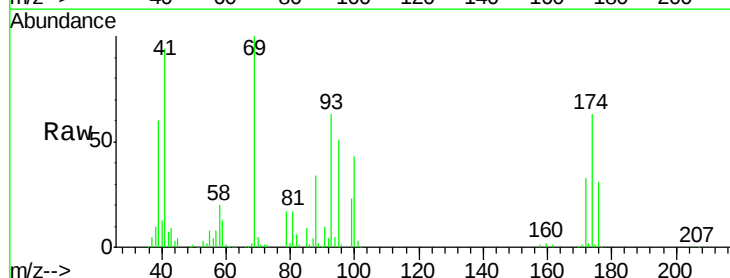
RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

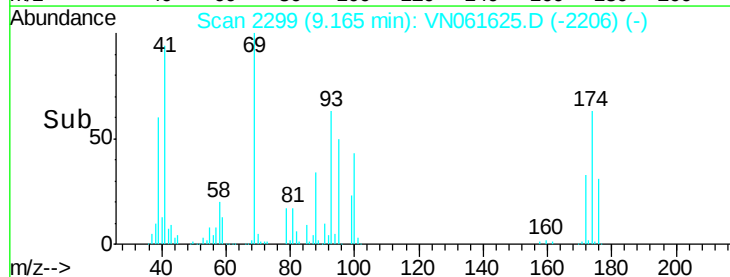
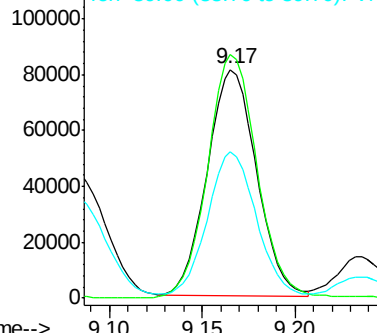
Lab File: VN061625.D

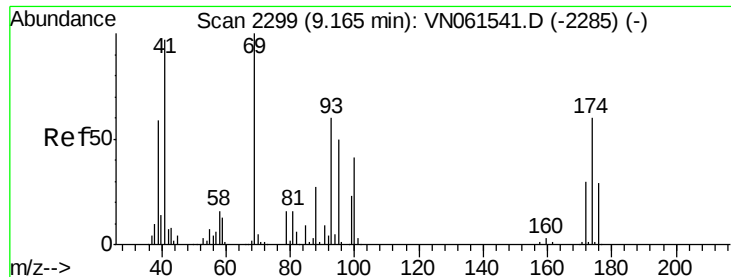
Acq: 2 Jun 2020 17:59

Tgt Ion:	41	Resp:	149511
Ion Ratio	Lower	Upper	
41	100		
69	109.0	83.9	125.9
39	65.3	52.1	78.1



Abundance Ion 41.00 (40.70 to 41.70): VN061625.D (-2206) (-)





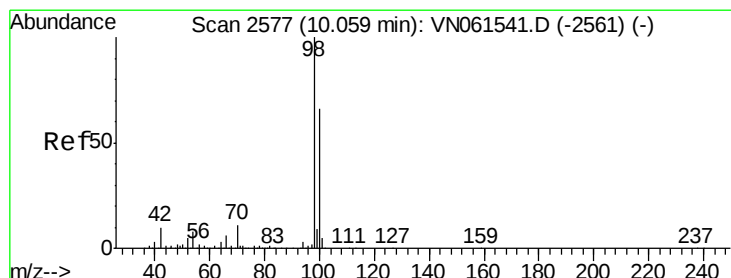
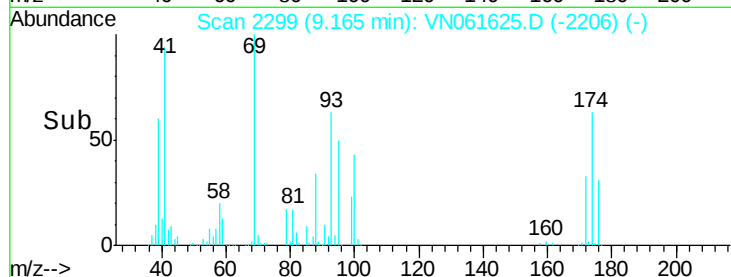
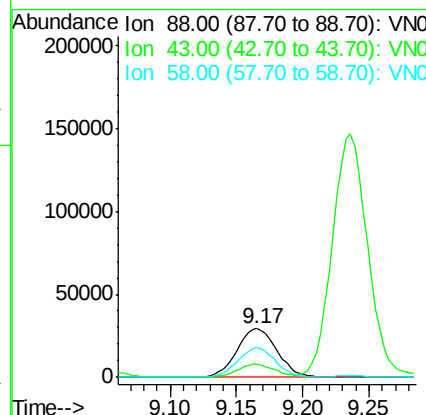
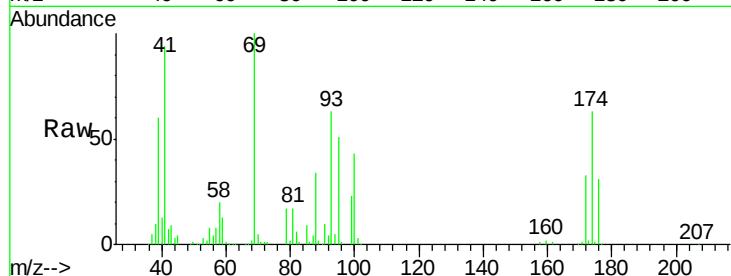
#49
1,4-Dioxane
Concen: 1122.805 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	62103
Ion Ratio	Lower	Upper	
88	100		
43	26.4	23.1	34.7
58	57.0	48.3	72.5

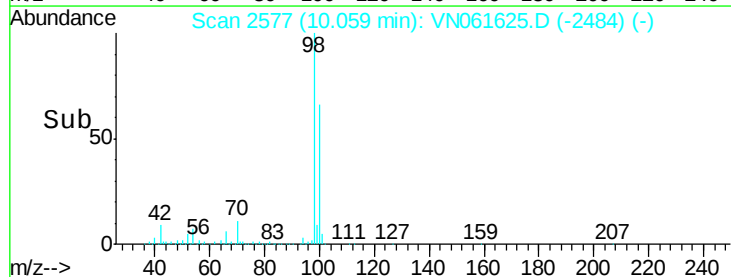
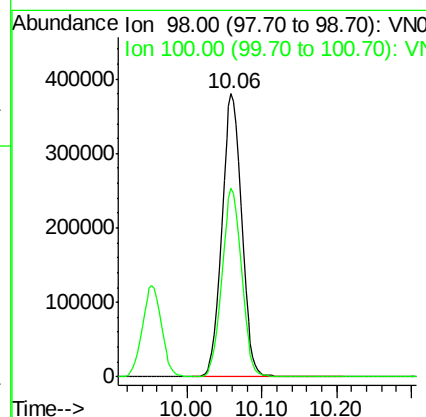
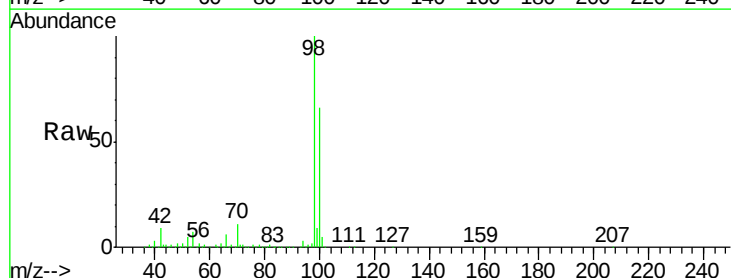
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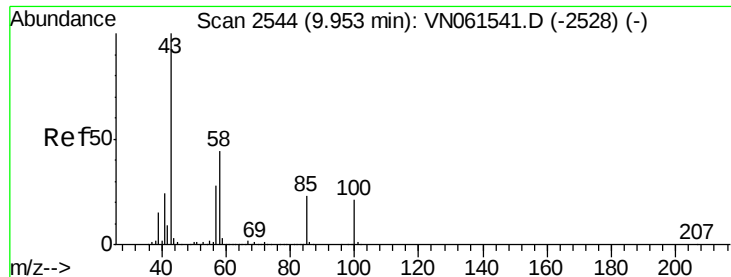
MMDadoda
6/3/2020 11:32:31 AM



#50
Toluene-d8
Concen: 47.794 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Tgt Ion	98	Resp	695042
Ion Ratio	Lower	Upper	
98	100		
100	66.2	52.8	79.2





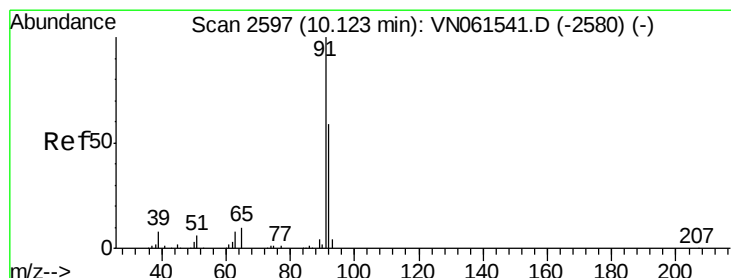
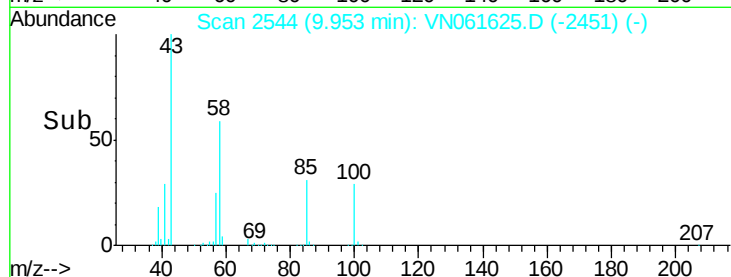
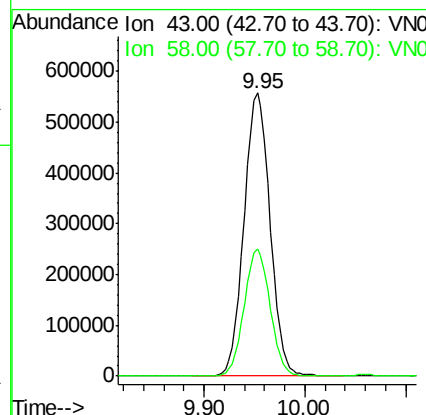
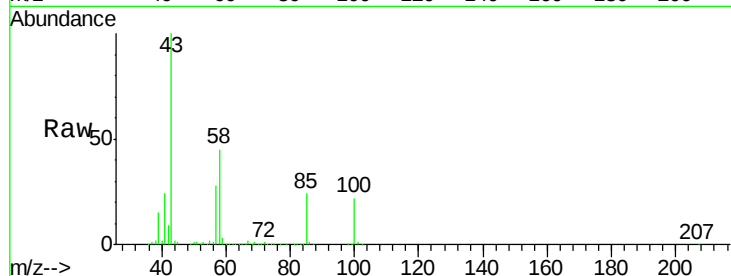
#51
4-Methyl-2-Pentanone
Concen: 222.650 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	995669
Ion Ratio	43	100	
Lower	58	44.7	35.0
Upper			52.6

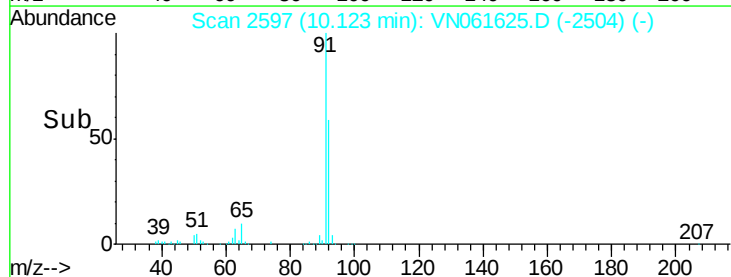
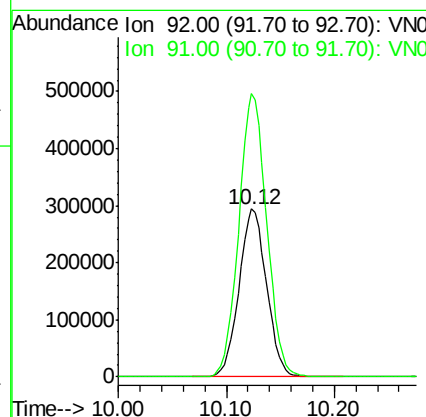
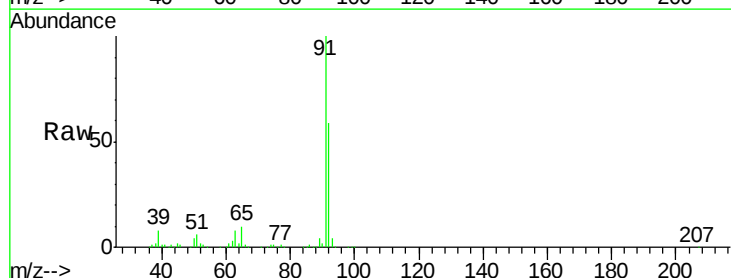
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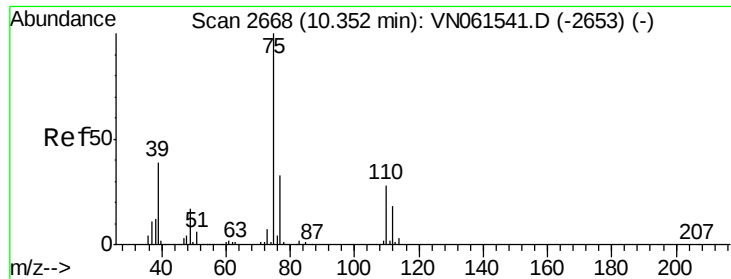
MMDadoda
6/3/2020 11:32:31 AM



#52
Toluene
Concen: 47.506 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Tgt Ion	92	Resp	523920
Ion Ratio	92	100	
Lower	91	170.7	136.4
Upper			204.6





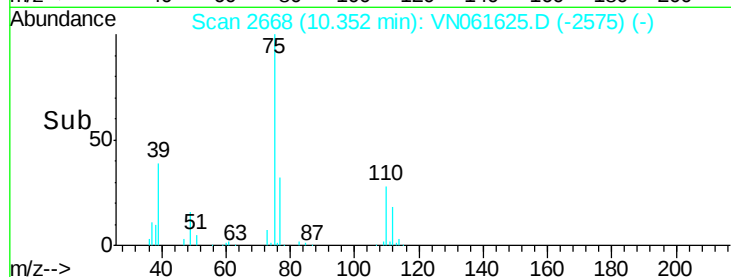
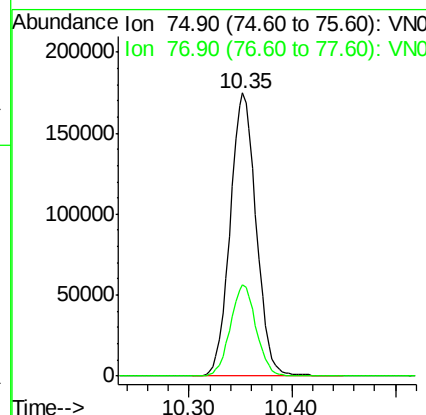
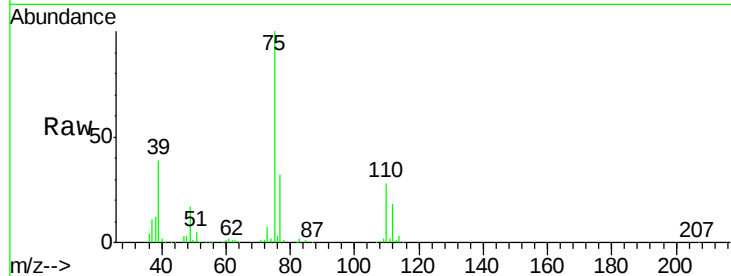
#53
t-1,3-Dichloropropene
Concen: 46.840 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	26.2	39.4

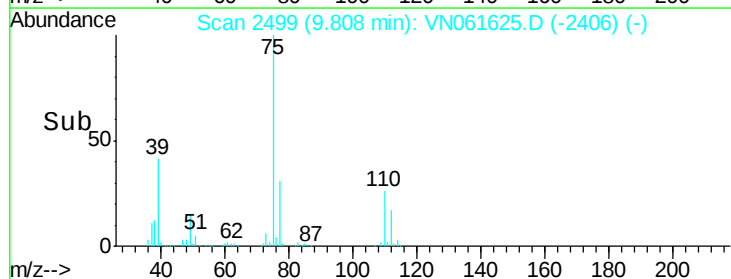
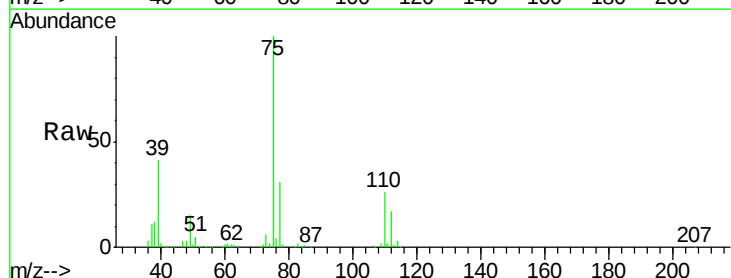
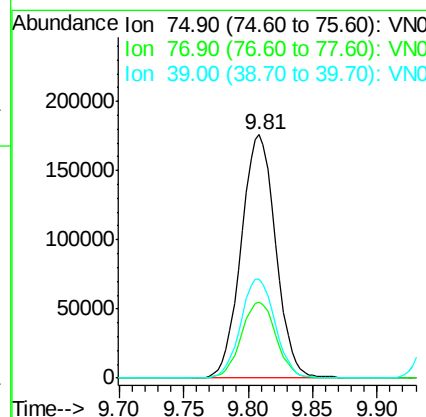
Manual Integrations
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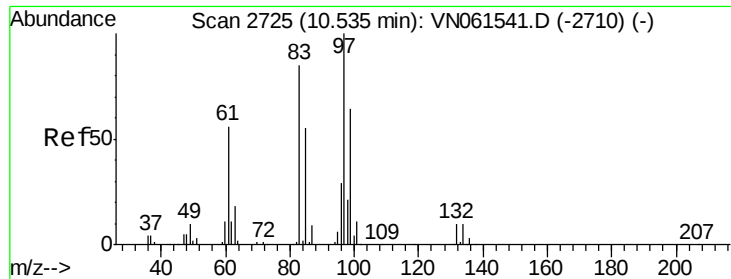
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 46.453 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.4	38.2
39	40.6	33.8	50.6





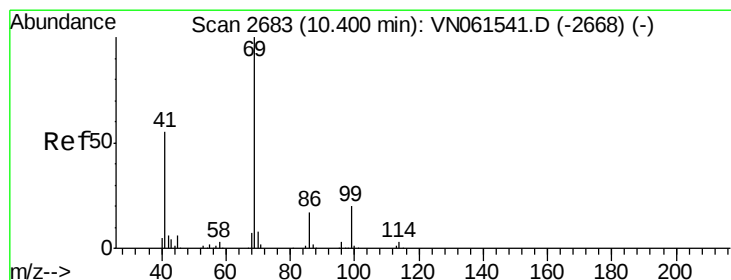
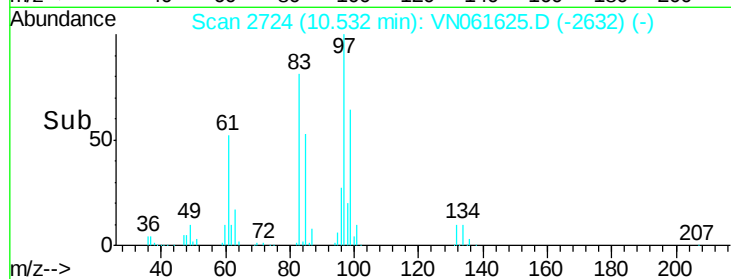
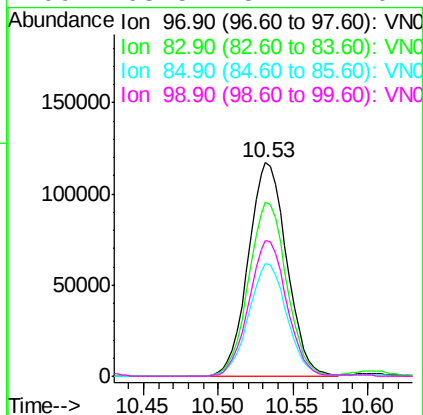
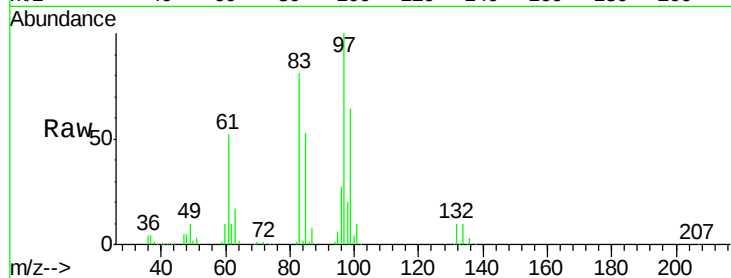
#55
 1,1,2-Trichloroethane
 Concen: 47.592 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061625.D
 Acq: 2 Jun 2020 17:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	209109
Ion	Ratio	Lower	Upper
97	100		
83	81.3	68.1	102.1
85	52.7	44.1	66.1
99	63.5	51.1	76.7

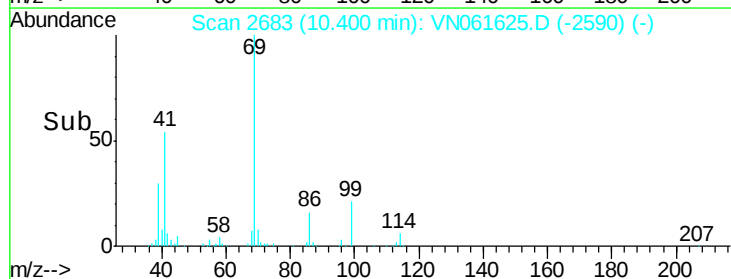
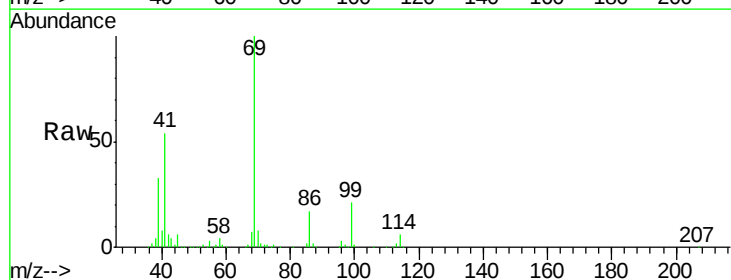
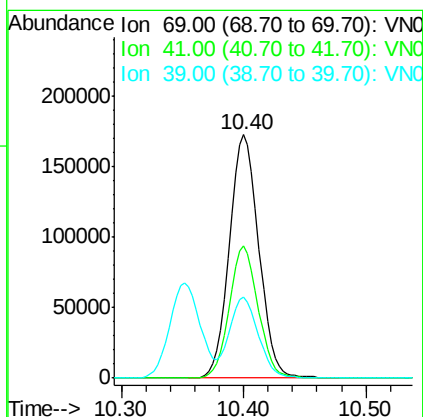
Manual Integrations
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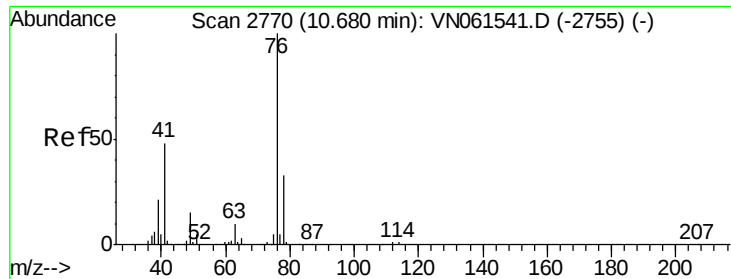
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 47.368 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN061625.D
 Acq: 2 Jun 2020 17:59

Tgt Ion:	69	Resp:	290730
Ion	Ratio	Lower	Upper
69	100		
41	52.6	43.5	65.3
39	32.6	27.0	40.6





#57

1,3-Dichloropropane

Concen: 47.035 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 330529

Ion Ratio Lower Upper

76 100

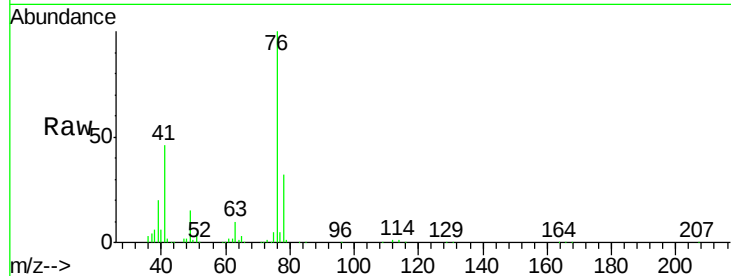
78 32.5 26.3 39.5

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.68

200000

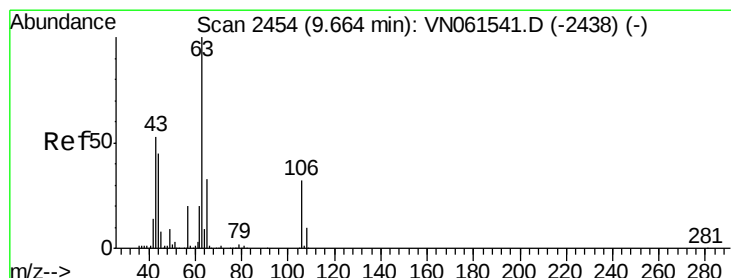
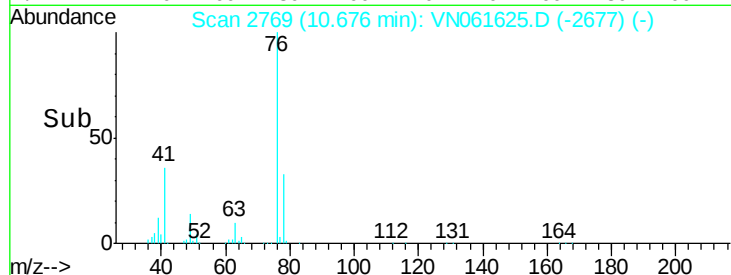
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 225.538 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VN061625.D

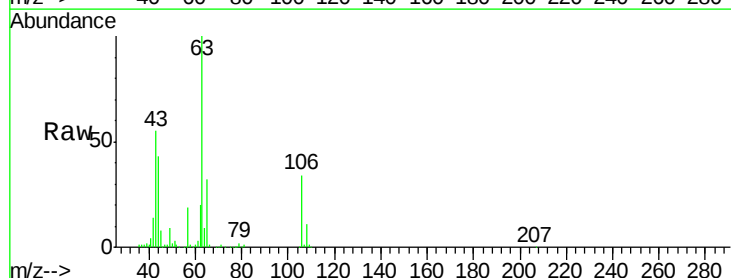
Acq: 2 Jun 2020 17:59

Tgt Ion: 63 Resp: 591569

Ion Ratio Lower Upper

63 100

106 34.0 25.9 38.9



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.66

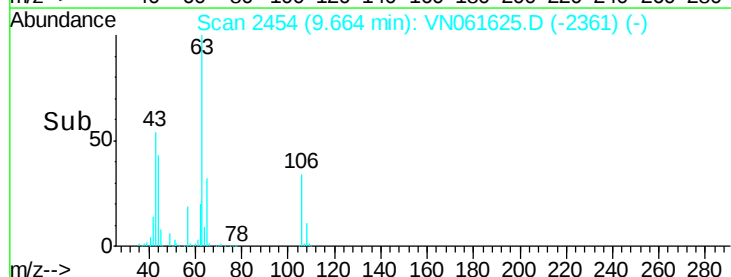
300000

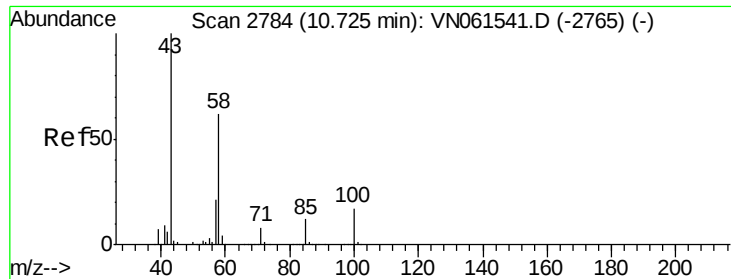
200000

100000

0

Time-->





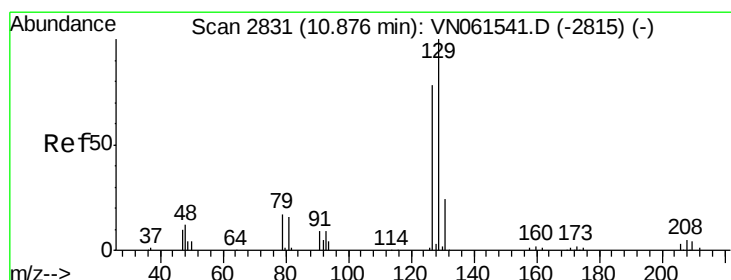
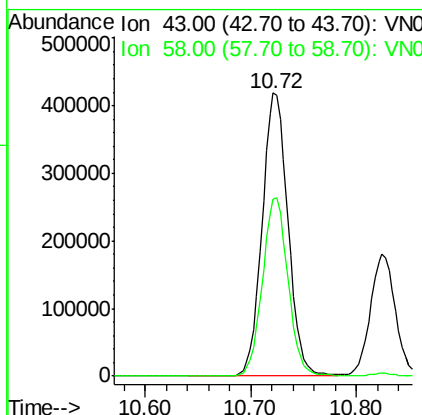
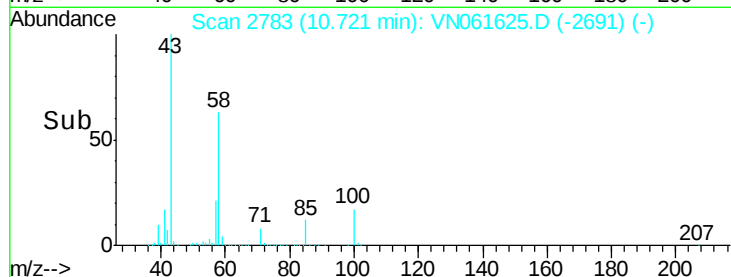
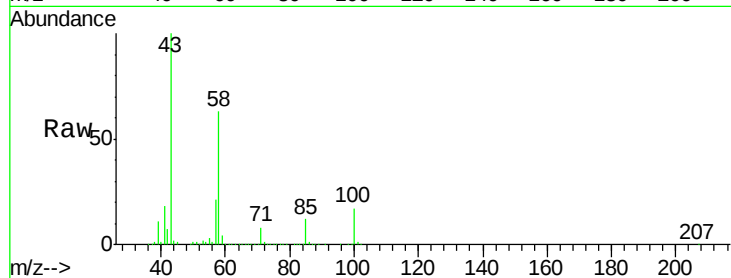
#59
2-Hexanone
Concen: 222.642 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 715037
Ion Ratio Lower Upper
43 100
58 62.3 30.7 92.1

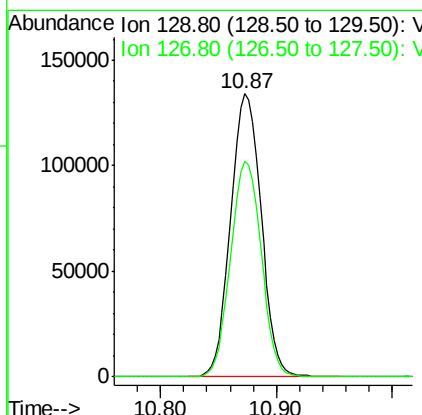
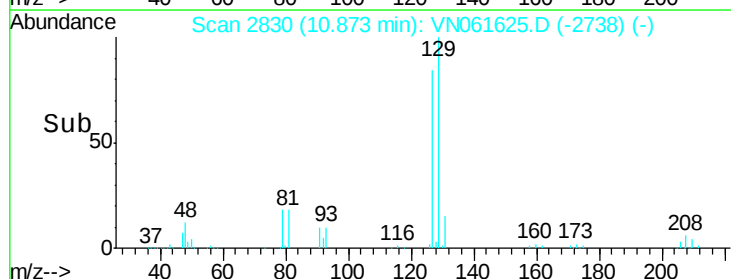
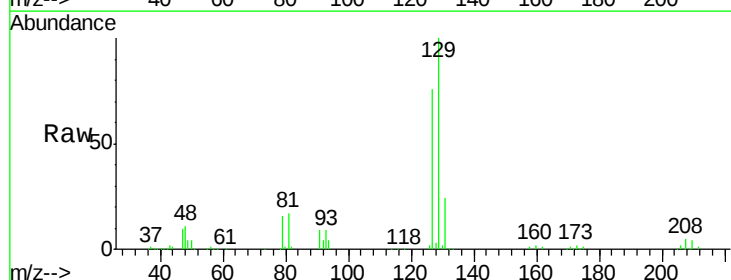
Manual Integrations
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#60
Dibromochloromethane
Concen: 49.045 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Tgt Ion: 129 Resp: 244987
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.3





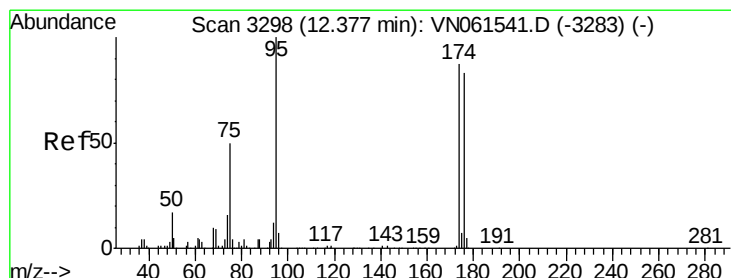
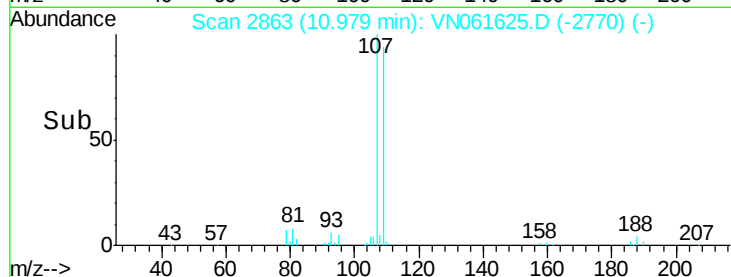
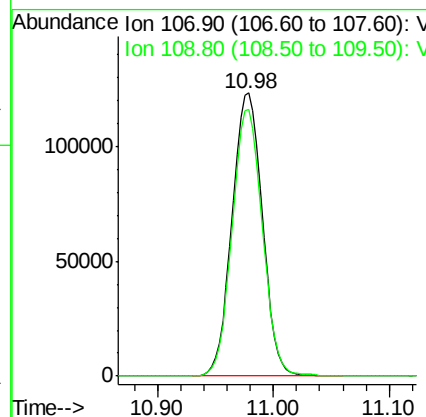
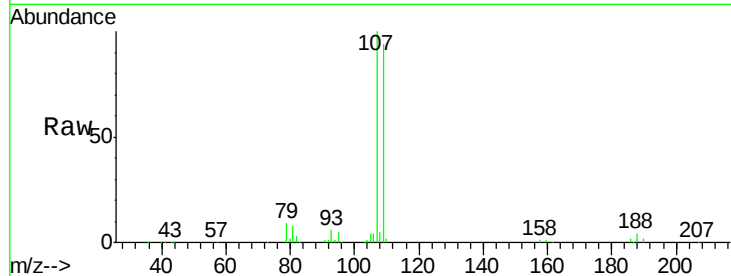
#61
 1,2-Dibromoethane
 Concen: 48.678 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN061625.D
 Acq: 2 Jun 2020 17:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	223065		
109	94.0	76.1	114.1	

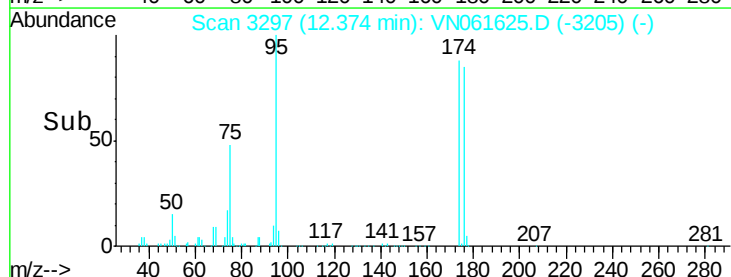
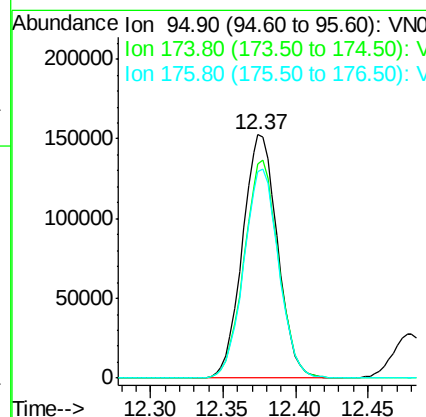
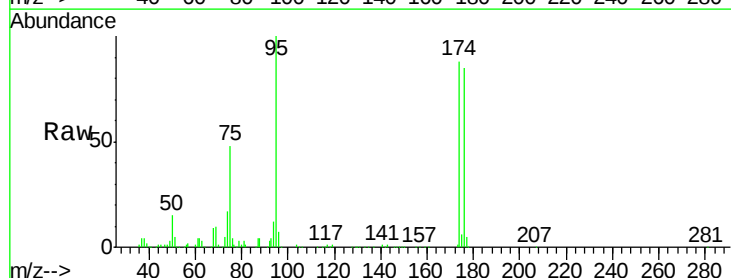
Manual Integrations
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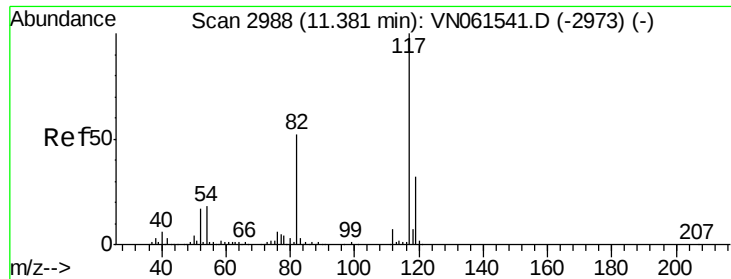
MMDadoda
 6/3/2020 11:32:31 AM



#62
 4-Bromofluorobenzene
 Concen: 48.348 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061625.D
 Acq: 2 Jun 2020 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	256515		
174	87.8	0.0	172.8	
176	85.5	0.0	164.8	





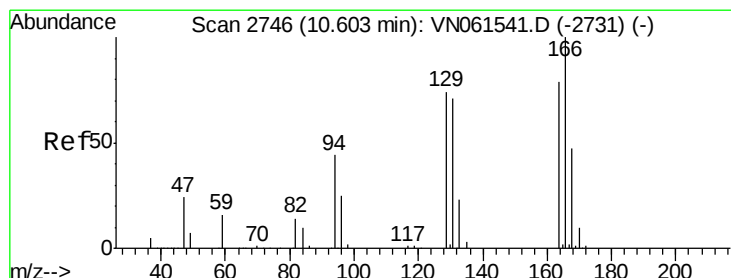
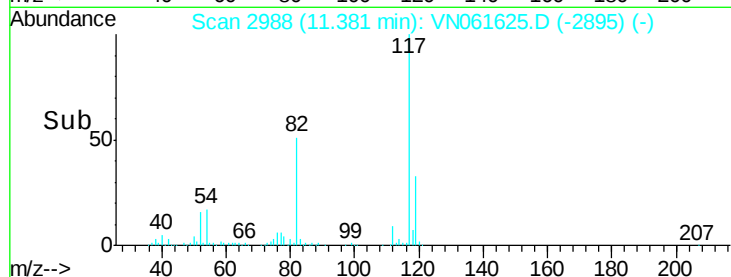
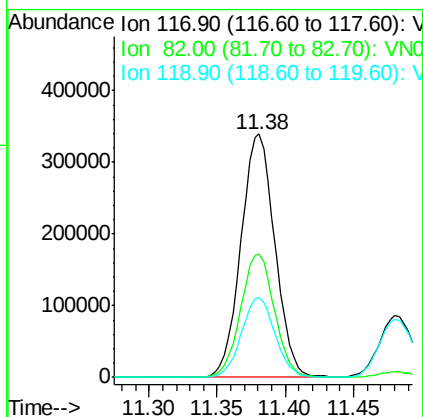
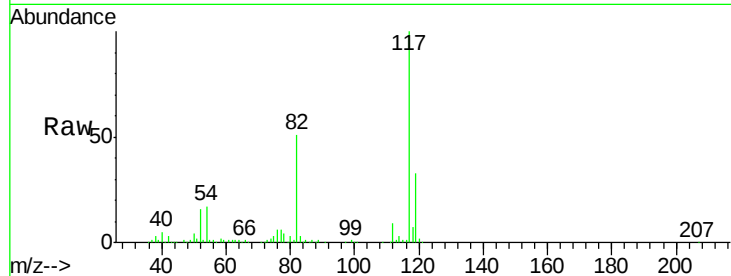
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.8	41.5	62.3
119	32.7	25.6	38.4

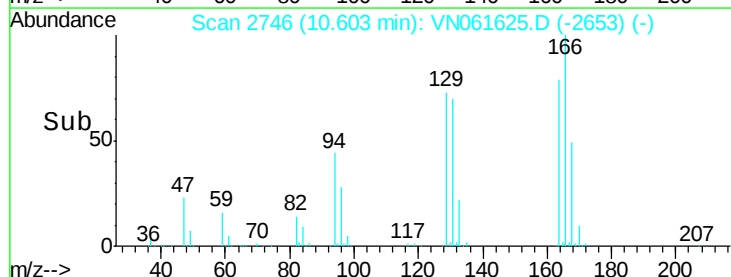
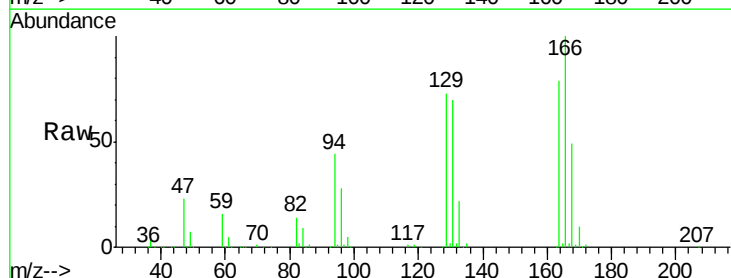
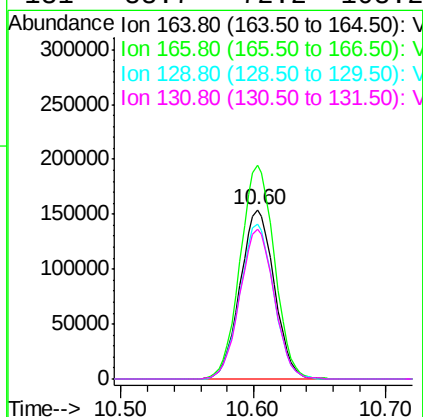
Manual Integrations
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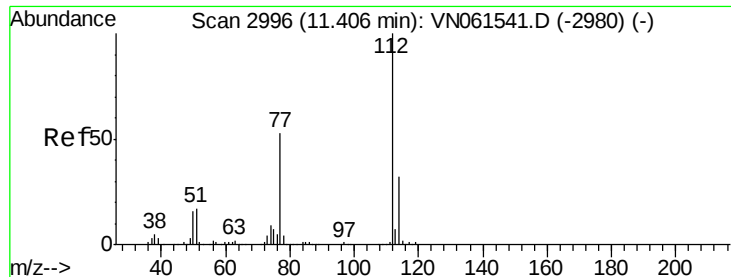
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#64
Tetrachloroethene
Concen: 49.831 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.2	101.5	152.3
129	91.9	74.9	112.3
131	88.7	72.2	108.2





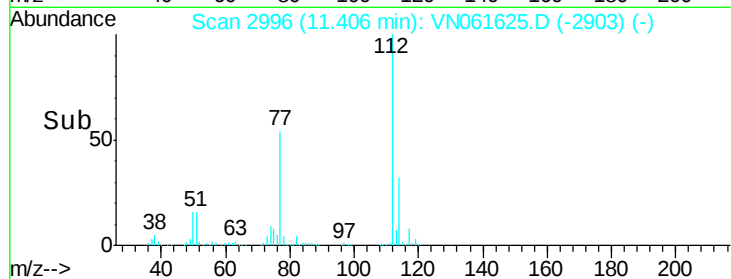
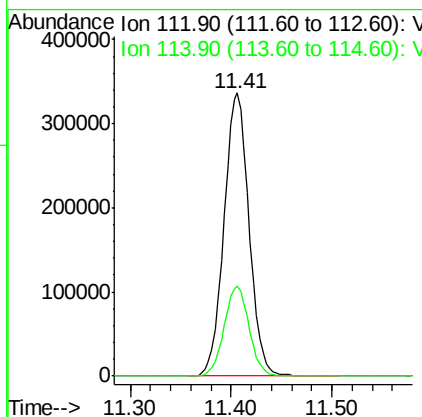
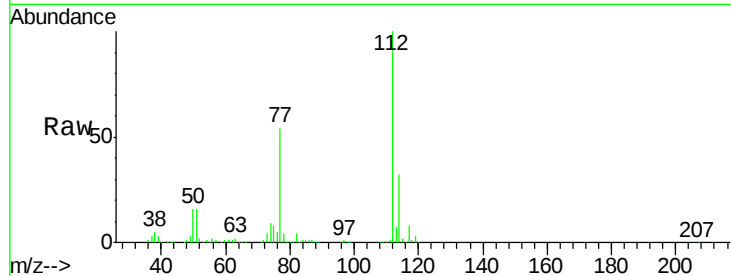
#65
Chlorobenzene
Concen: 47.692 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.7	38.5

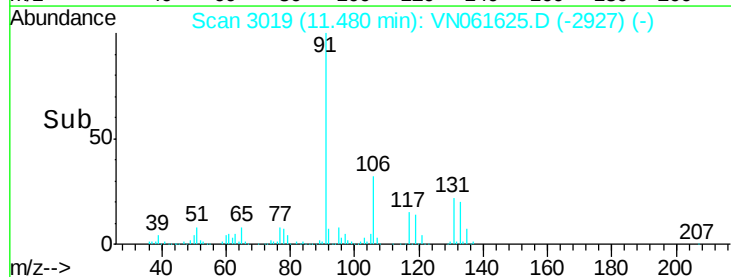
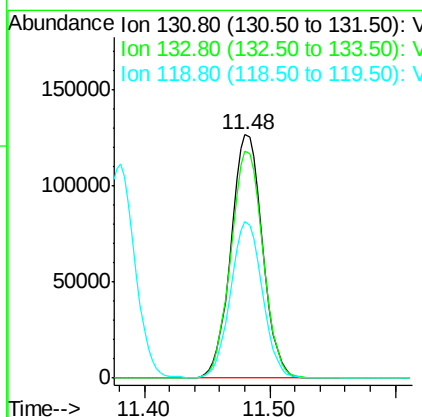
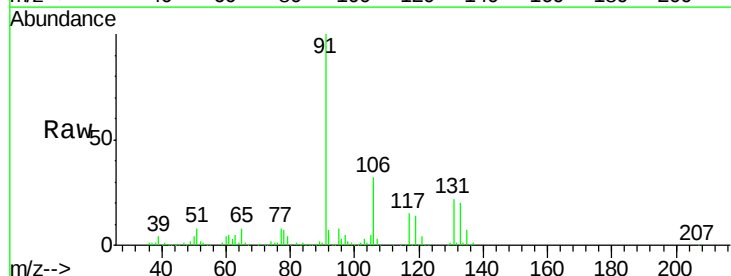
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.710 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.0	47.4	142.2
119	64.7	32.6	97.8





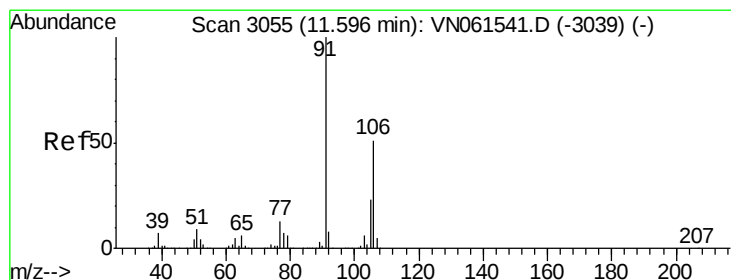
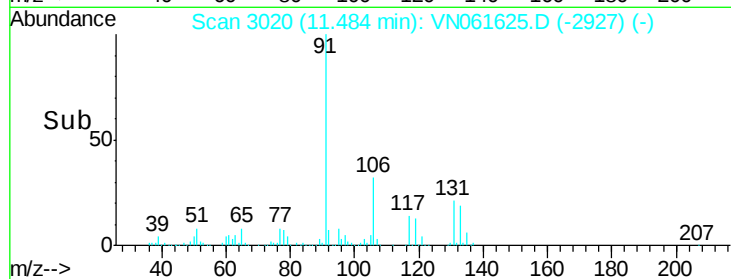
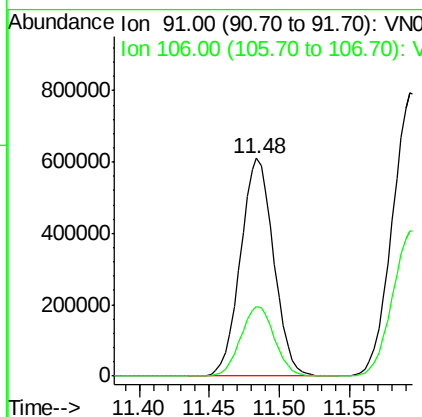
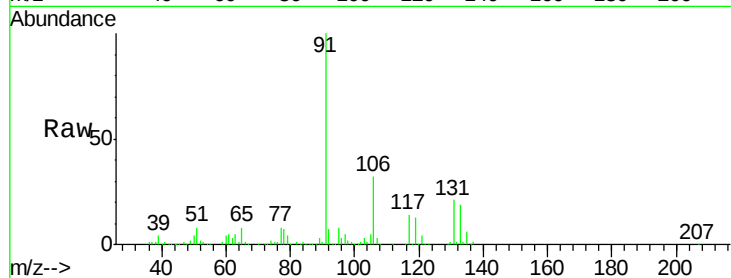
#67
Ethyl Benzene
Concen: 47.756 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion: 91 Resp: 1007463
Ion Ratio Lower Upper
91 100
106 32.0 25.6 38.4

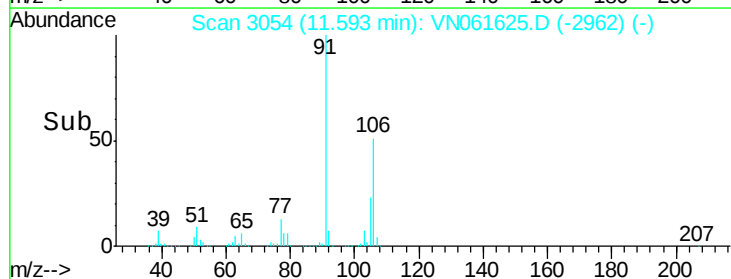
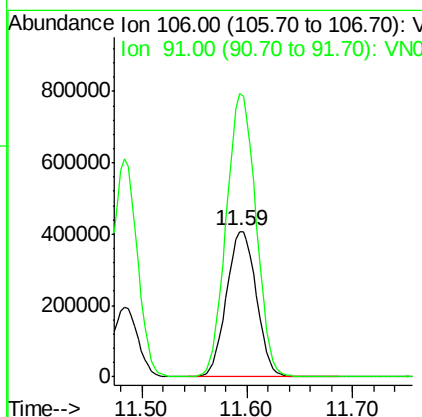
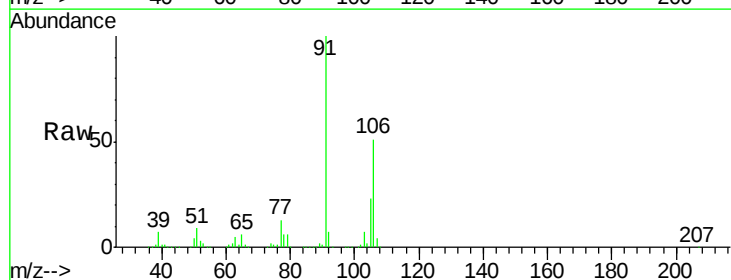
Manual Integrations
APPROVED

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#68
m/p-Xylenes
Concen: 95.366 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Tgt Ion: 106 Resp: 797699
Ion Ratio Lower Upper
106 100
91 193.9 156.2 234.4





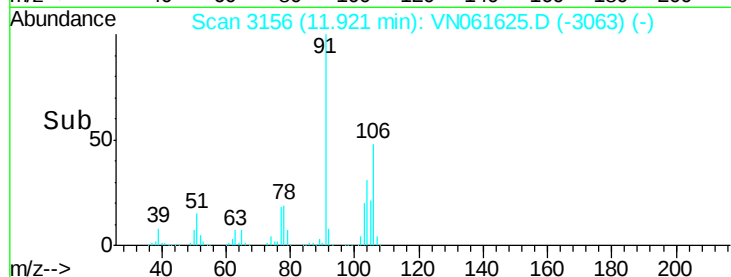
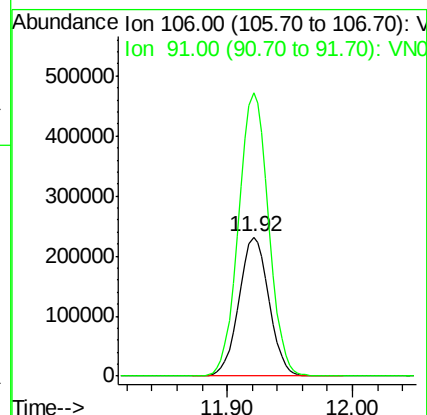
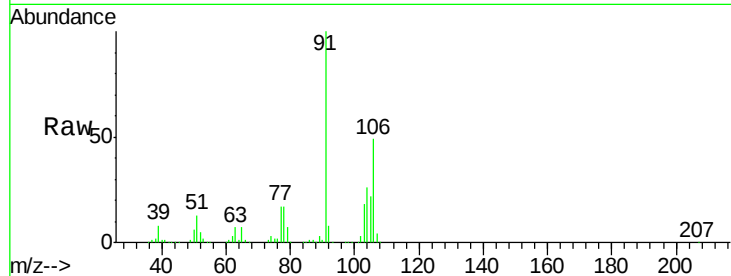
#69
o-Xylene
Concen: 48.341 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	204.3	103.3	309.8

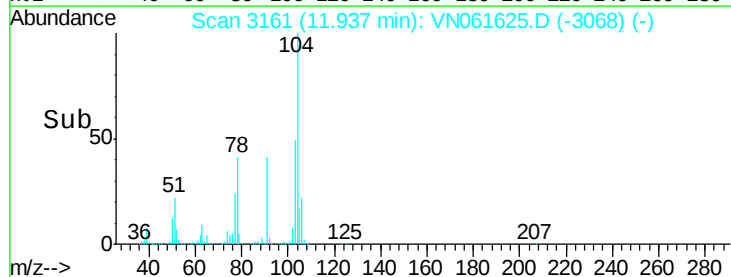
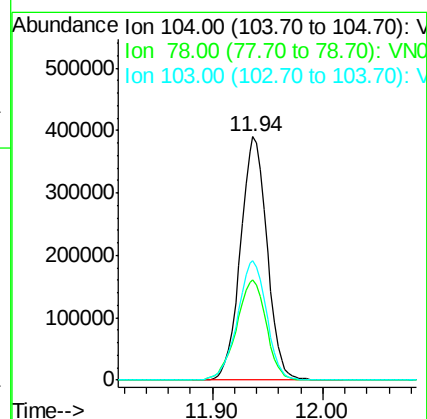
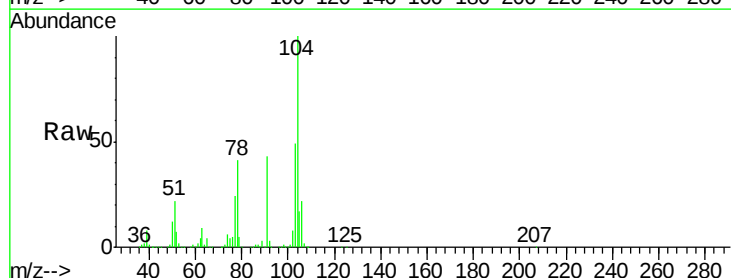
Manual Integrations
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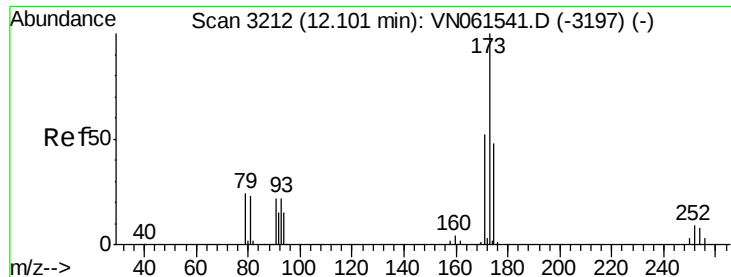
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#70
Styrene
Concen: 49.560 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.1	37.4	56.0
103	53.5	42.3	63.5





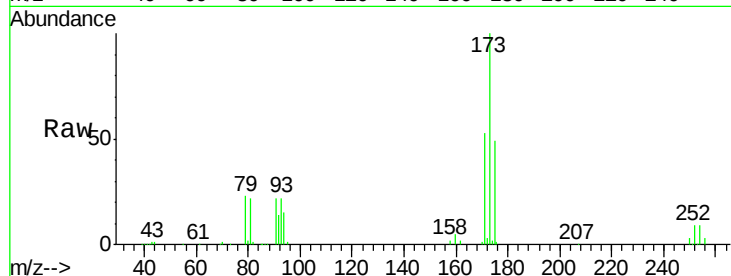
#71
Bromoform
Concen: 49.275 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

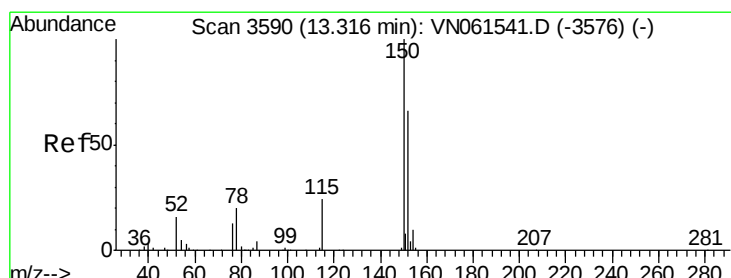
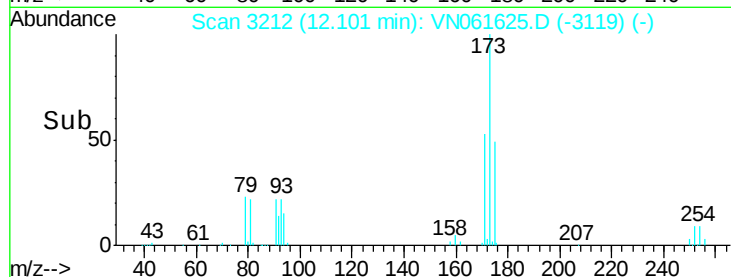
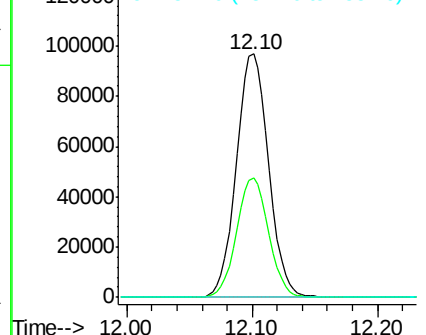
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.4	73.2
254	0.0	0.0	0.0

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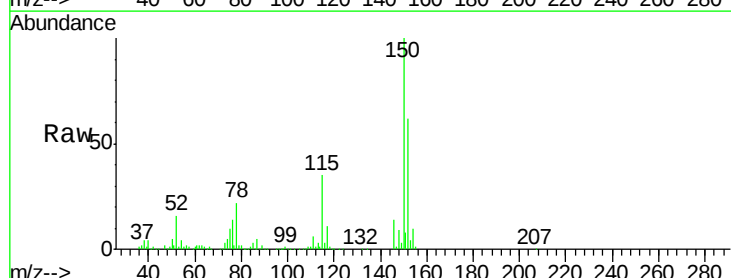


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

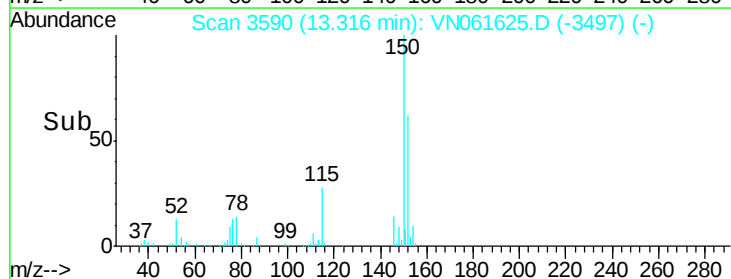
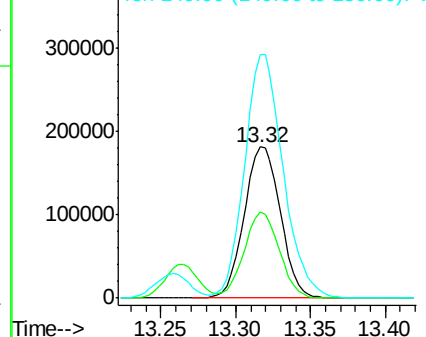


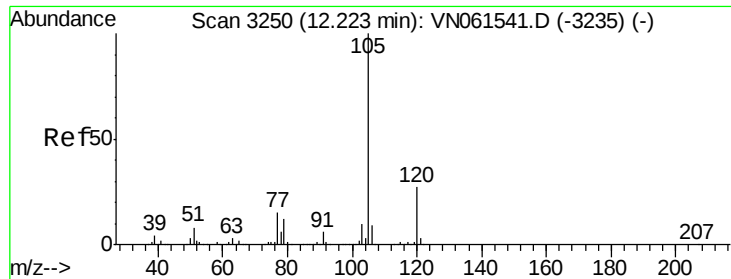
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.0	28.0	84.0
150	171.7	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





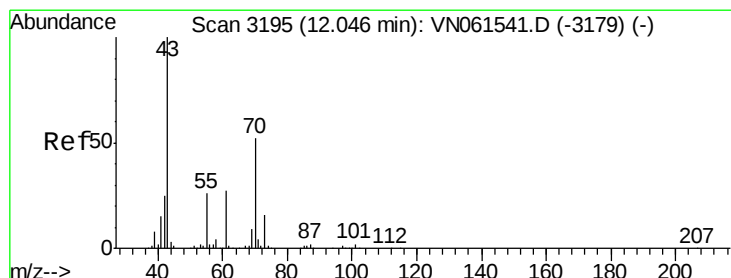
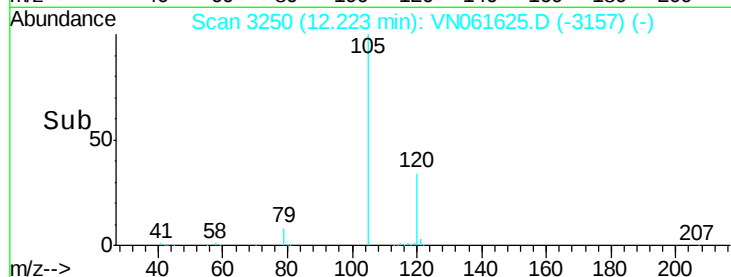
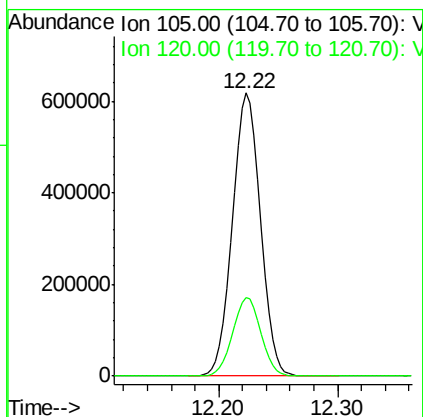
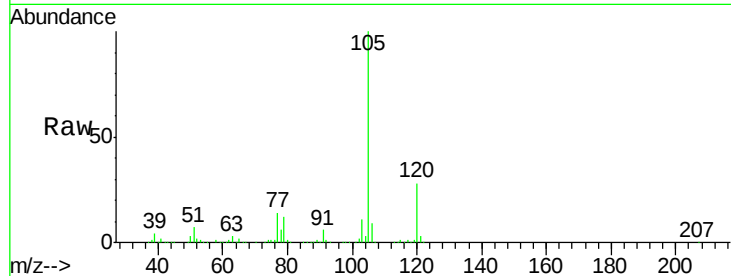
#73
Isopropylbenzene
Concen: 45.313 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:105 Resp: 1008576
Ion Ratio Lower Upper
105 100
120 27.9 13.8 41.3

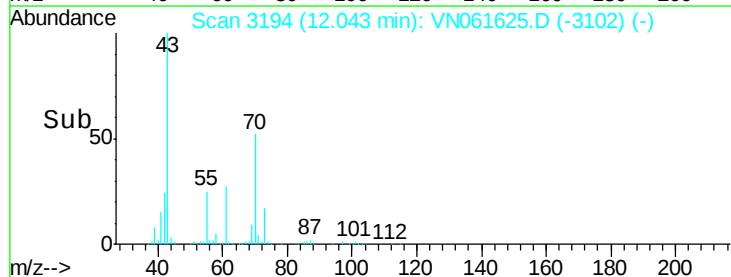
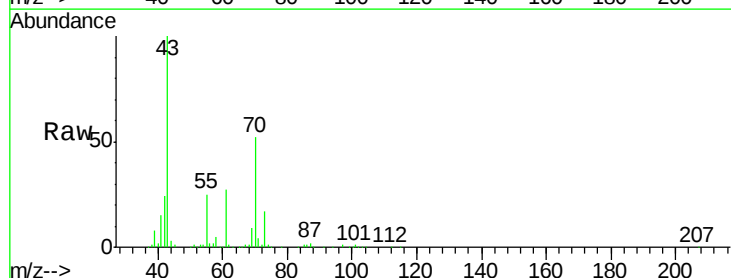
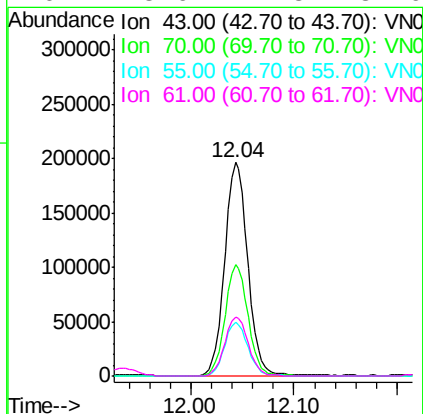
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#74
N-ethyl acetate
Concen: 43.680 ug/l
RT: 12.04 min Scan# 3194
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Tgt Ion: 43 Resp: 306177
Ion Ratio Lower Upper
43 100
70 52.0 40.5 60.7
55 25.8 20.6 31.0
61 28.6 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 42.420 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

Instrument :

MSVOA_N

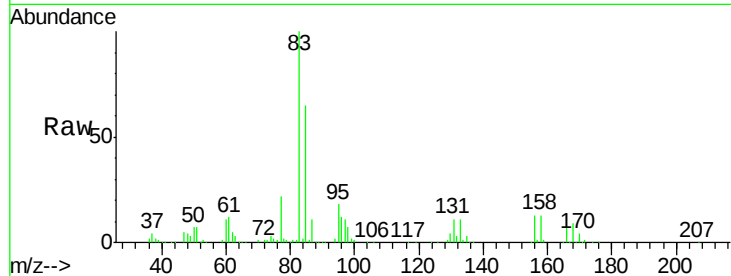
ClientSampled :

VSTDCCC050EC

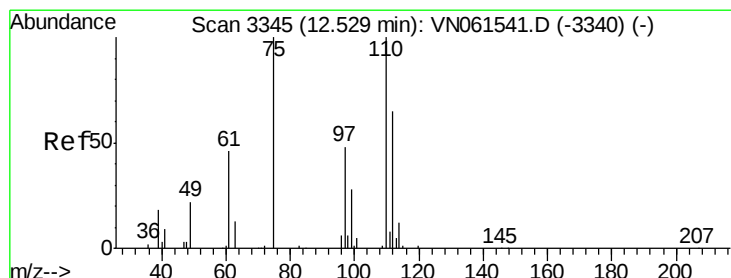
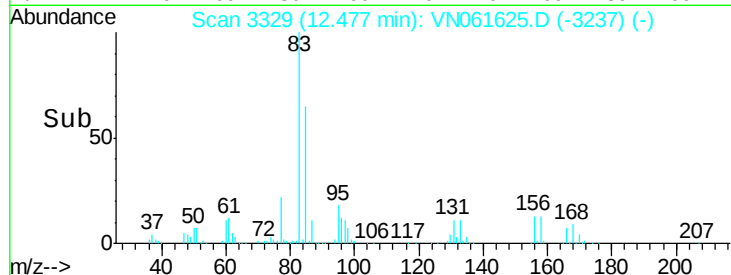
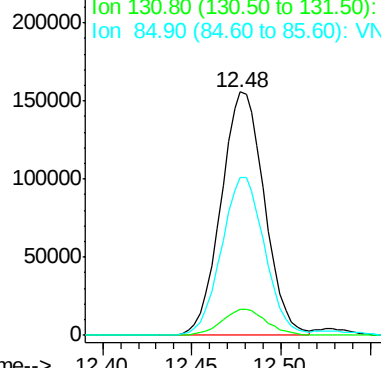
Tot Ion:	83	Resp:	264591
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.5	16.5
85	64.6	32.1	96.3

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN061625.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 45.042 ug/l m

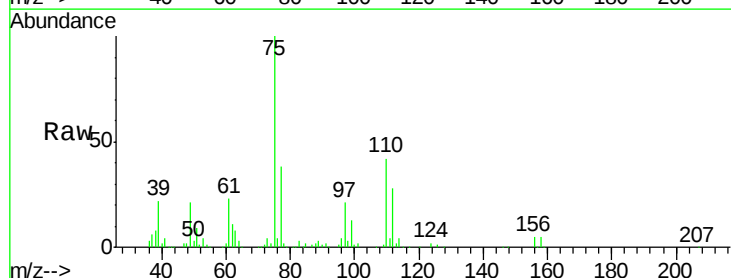
RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

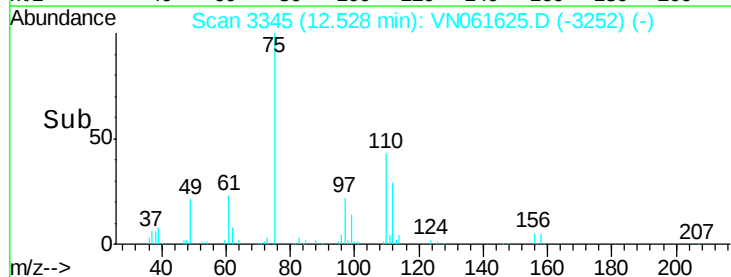
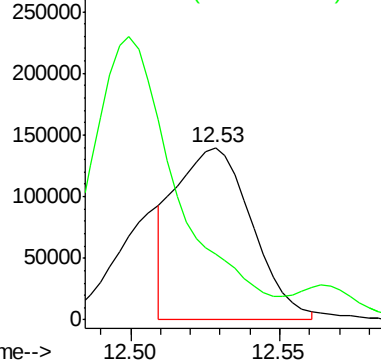
Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

Tgt Ion:	75	Resp:	249773
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061625.D (-3252) (-)





#77

Bromobenzene

Concen: 46.989 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

Instrument :

MSVOA_N

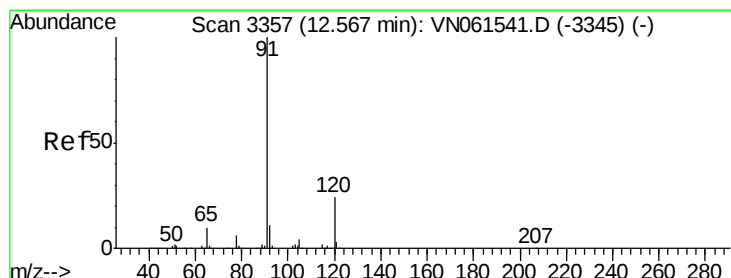
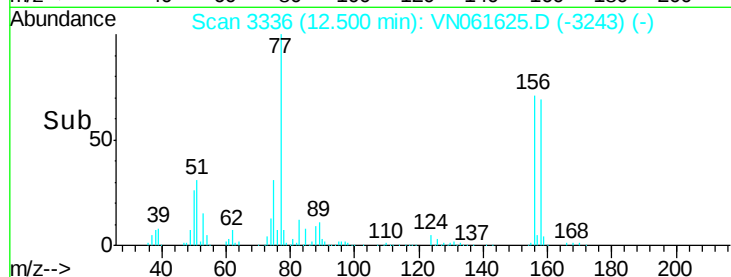
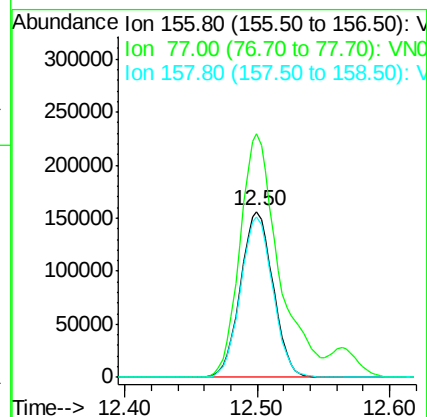
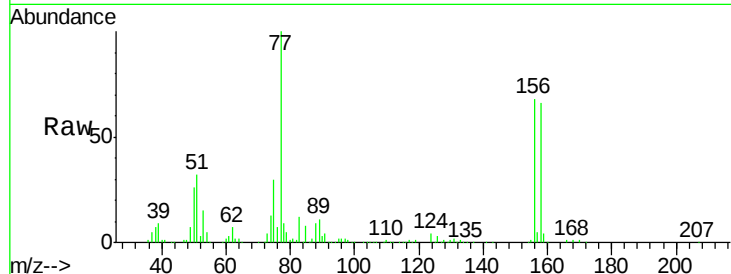
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	266965
Ion Ratio	Lower	Upper	
156	100		
77	175.3	90.9	272.7
158	96.4	48.4	145.3

Manual Integrations
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#78

n-propylbenzene

Concen: 44.721 ug/l

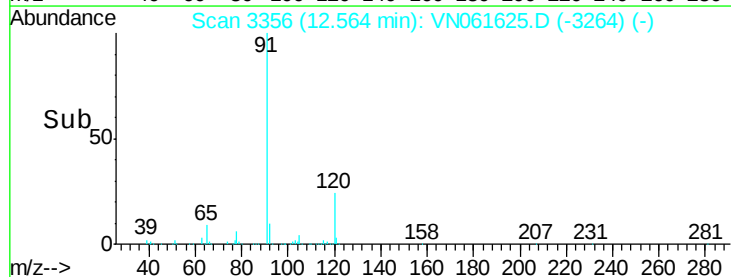
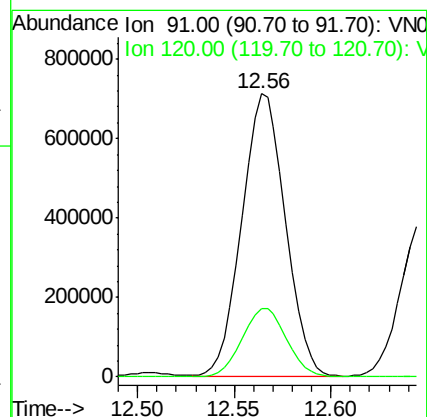
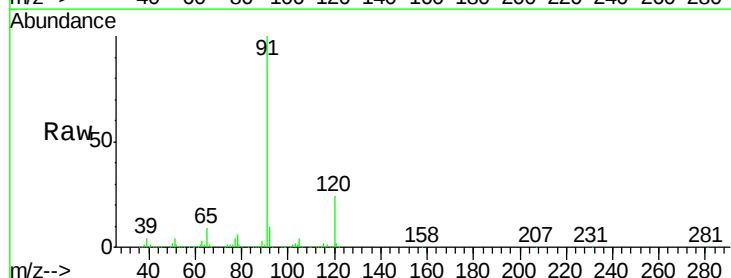
RT: 12.56 min Scan# 3356

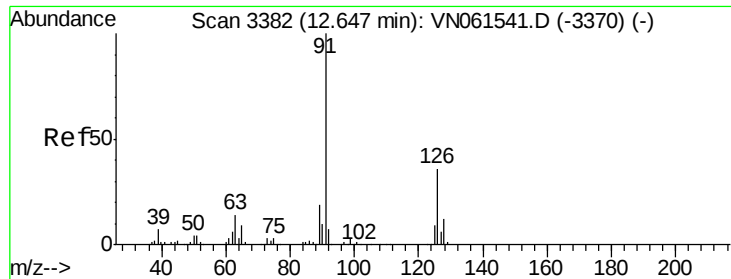
Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

Tgt Ion:	91	Resp:	1111230
Ion Ratio	Lower	Upper	
91	100		
120	24.9	12.3	36.9





#79

2-Chlorotoluene

Concen: 44.241 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 655491

Ion Ratio Lower Upper

91 100

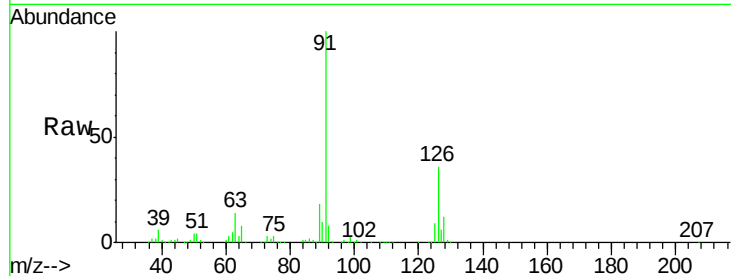
126 36.8 17.9 53.7

Manual Integrations

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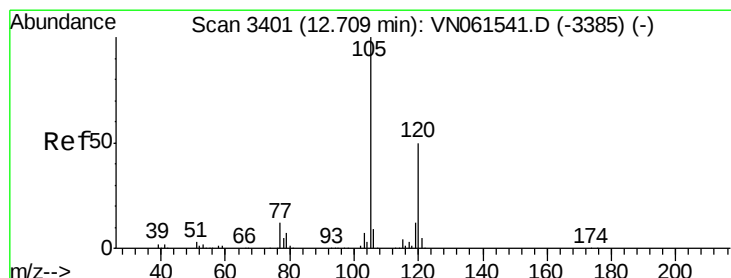
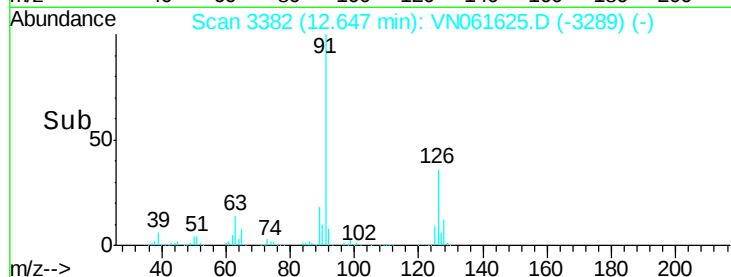
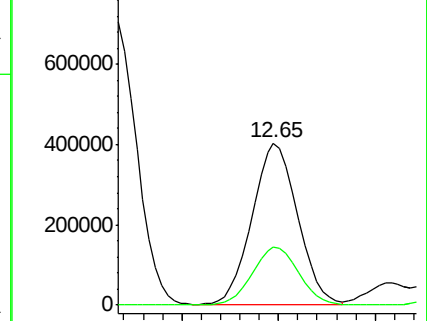
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Abundance Ion 91.00 (90.70 to 91.70): VN061625.D (-3382) (-)

Ion 125.90 (125.60 to 126.60): VN061625.D (-3382) (-)



#80

1,3,5-Trimethylbenzene

Concen: 45.405 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN061625.D

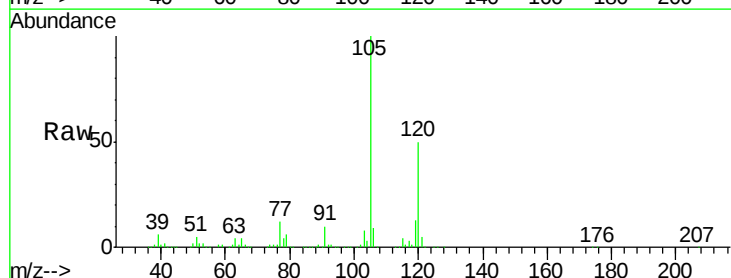
Acq: 2 Jun 2020 17:59

Tgt Ion: 105 Resp: 844697

Ion Ratio Lower Upper

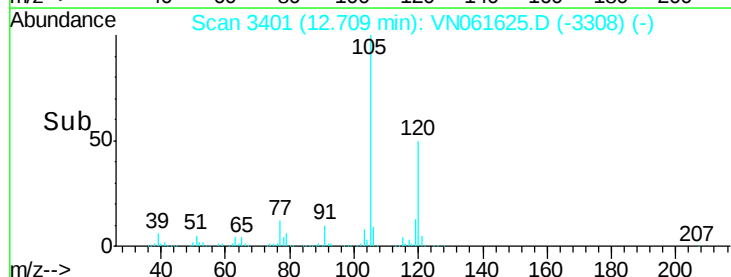
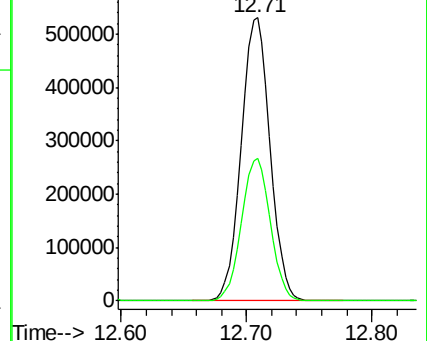
105 100

120 50.4 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VN061625.D (-3398) (-)

Ion 120.00 (119.70 to 120.70): VN061625.D (-3398) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 42.896 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

Instrument :

MSVOA_N

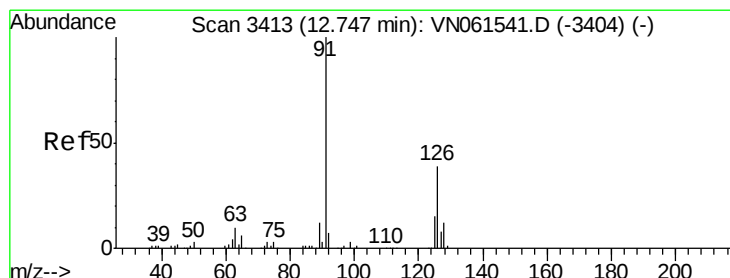
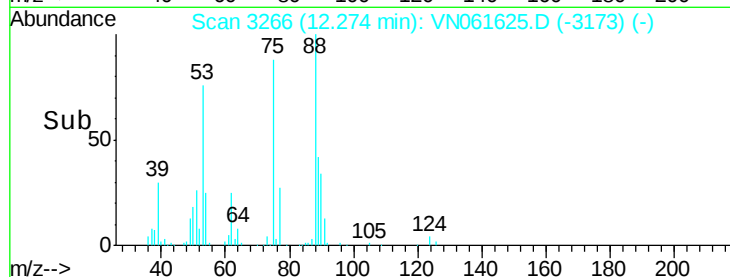
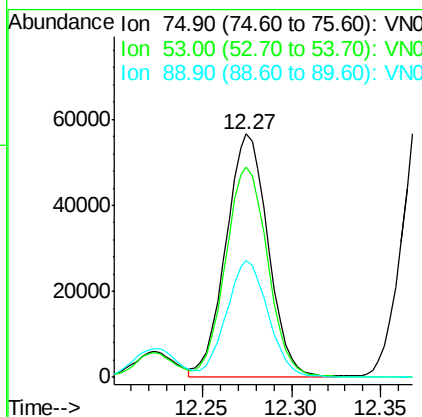
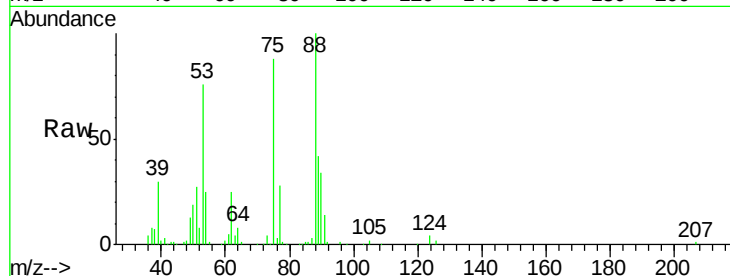
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	93018
Ion	Ratio	Lower	Upper
75	100		
53	87.1	67.8	101.8
89	47.6	37.1	55.7

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#82

4-Chlorotoluene

Concen: 44.490 ug/l

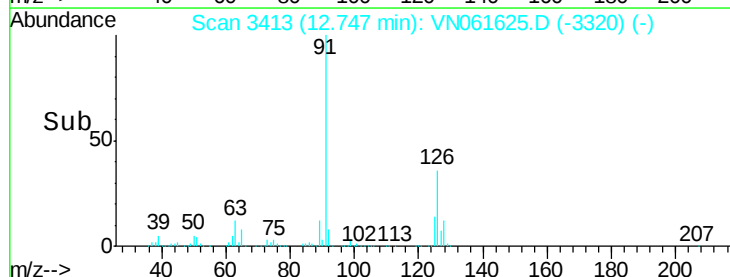
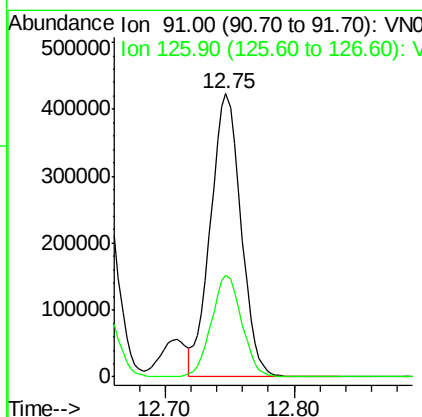
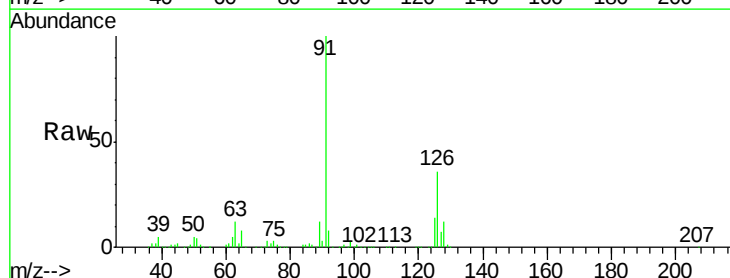
RT: 12.75 min Scan# 3413

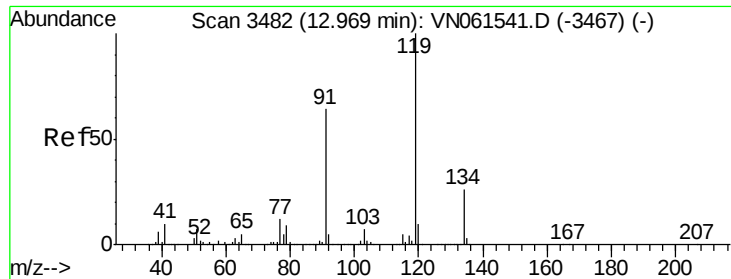
Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

Tgt Ion:	91	Resp:	693467
Ion	Ratio	Lower	Upper
91	100		
126	35.6	17.5	52.6





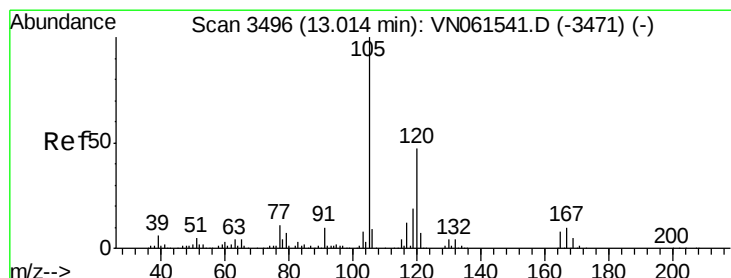
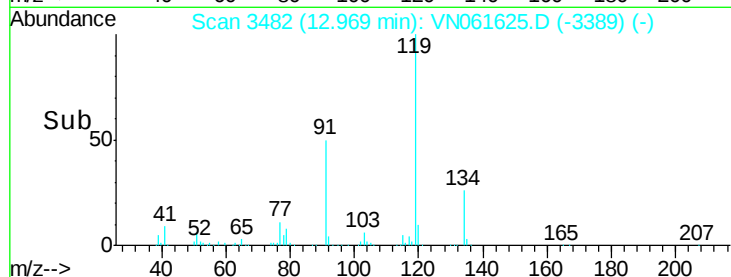
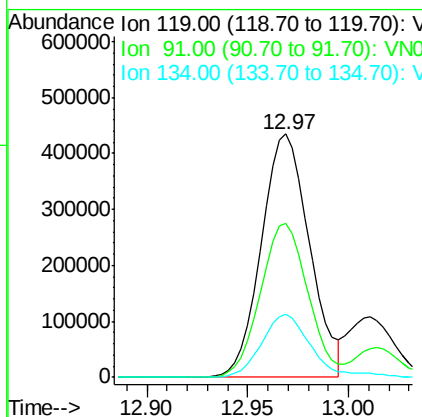
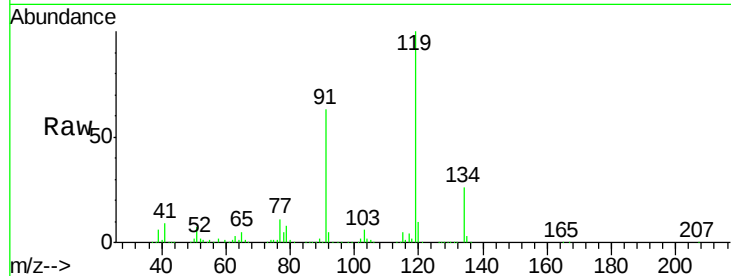
#83
tert-Butylbenzene
Concen: 43.943 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.8	31.3	93.8
134	26.8	13.5	40.4

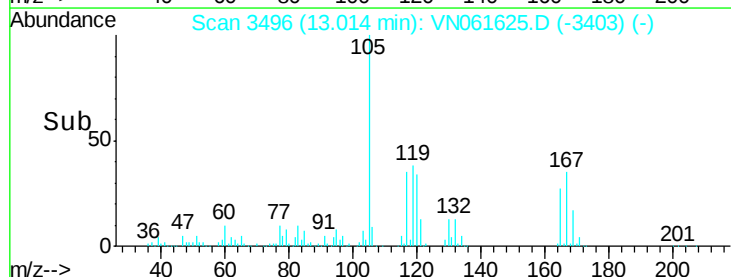
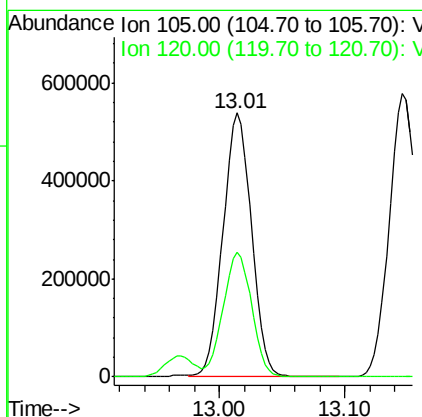
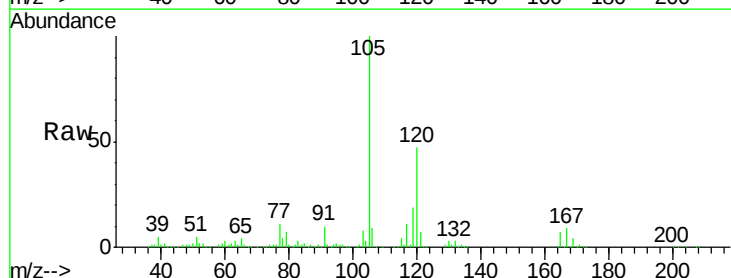
Manual Integrations
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#84
1,2,4-Trimethylbenzene
Concen: 45.754 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.5	23.2	69.5





#85

sec-Butylbenzene

Concen: 43.040 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 911600

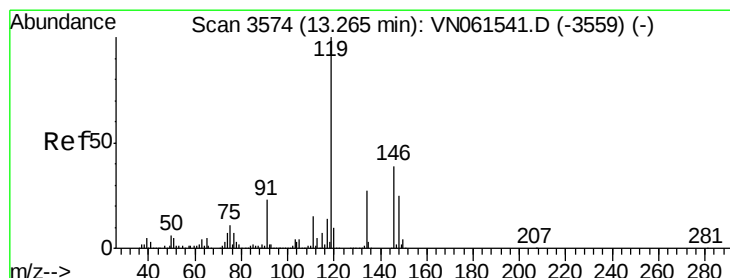
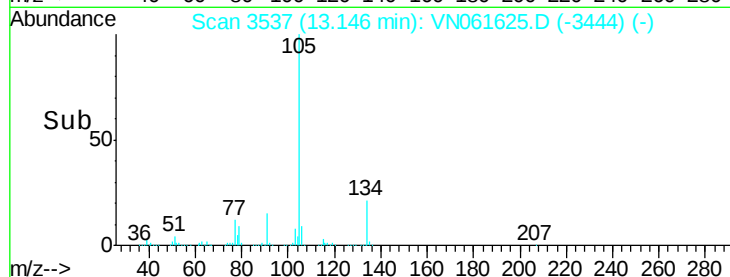
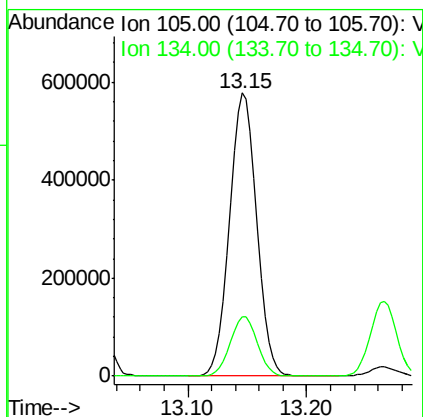
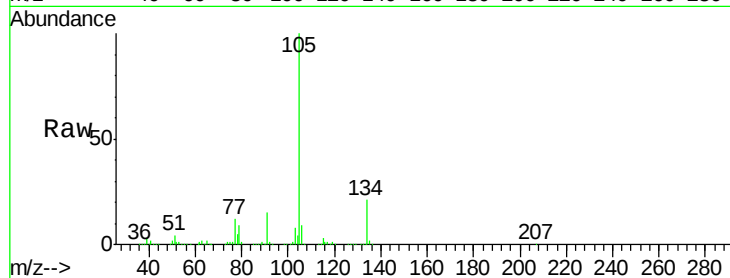
Ion Ratio Lower Upper

105 100

134 21.1 10.7 31.9

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 44.048 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

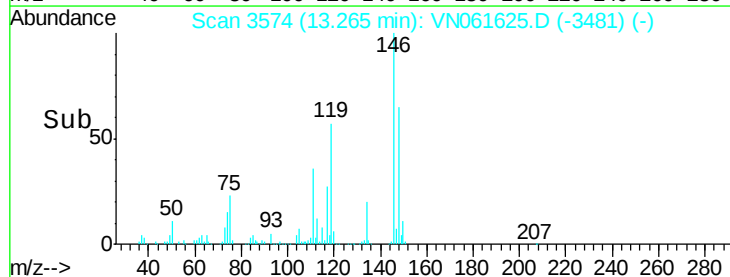
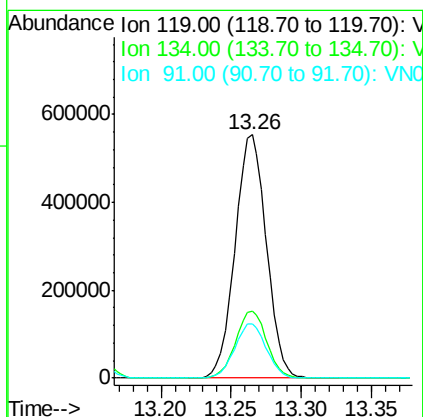
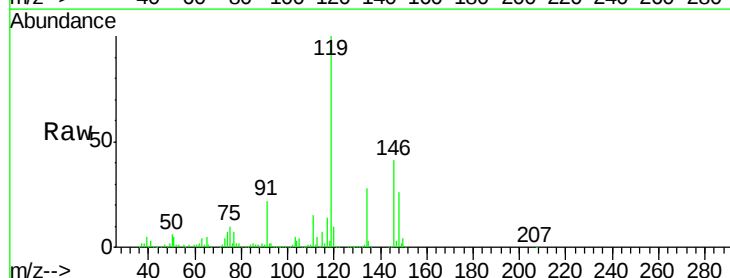
Tgt Ion:119 Resp: 859167

Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.5

91 22.5 11.4 34.1





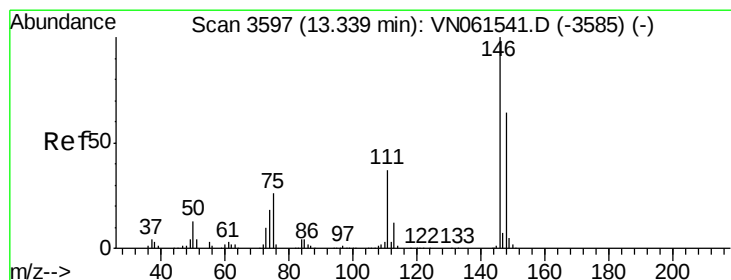
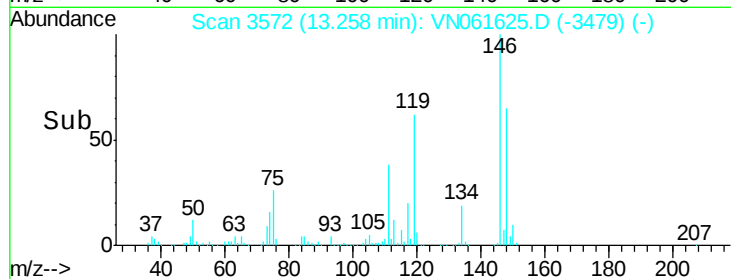
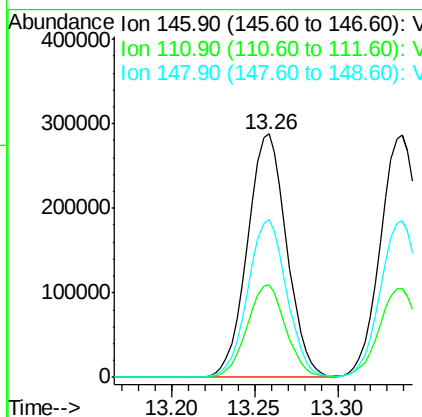
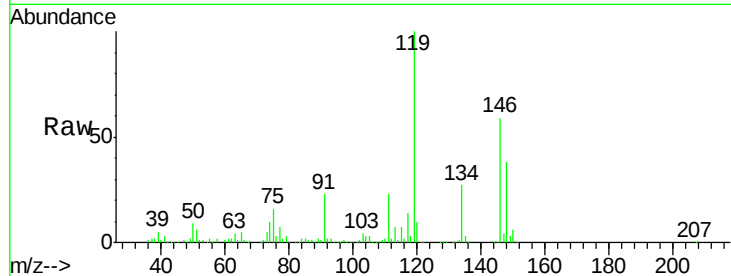
#87
 1,3-Dichlorobenzene
 Concen: 47.139 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN061625.D
 Acq: 2 Jun 2020 17:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.2	57.6
148	64.2	31.7	95.1

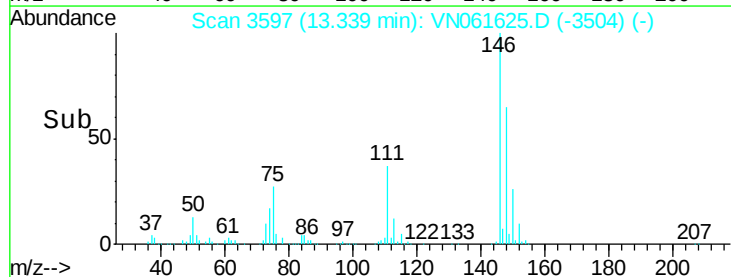
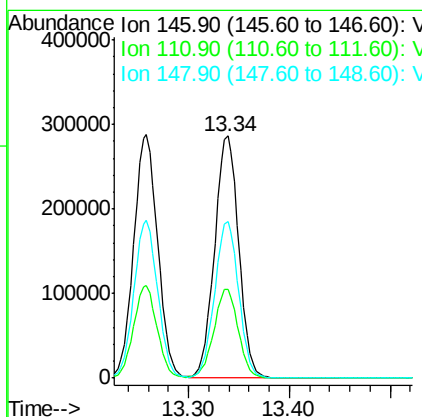
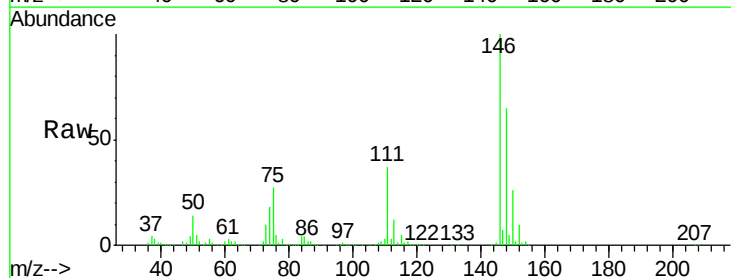
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#88
 1,4-Dichlorobenzene
 Concen: 46.639 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN061625.D
 Acq: 2 Jun 2020 17:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.9	56.9
148	64.6	31.8	95.3





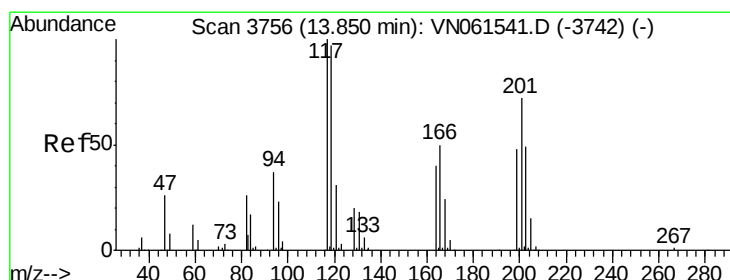
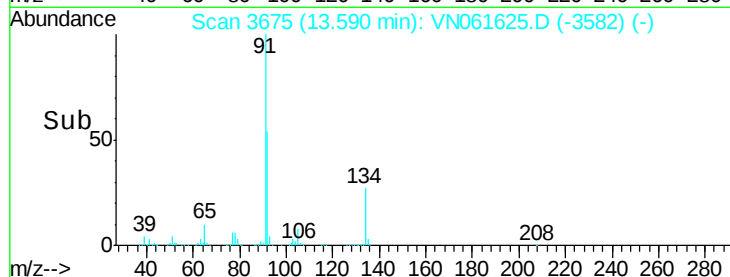
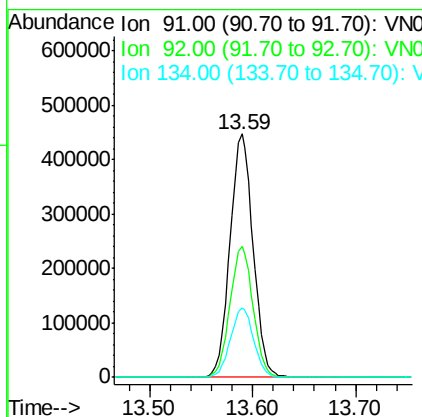
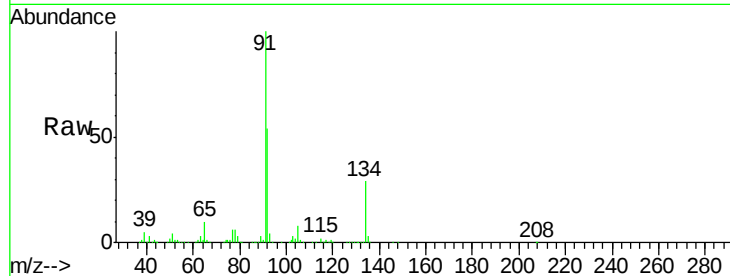
#89
n-Butylbenzene
Concen: 42.790 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.8	27.2	81.6
134	28.7	14.0	42.0

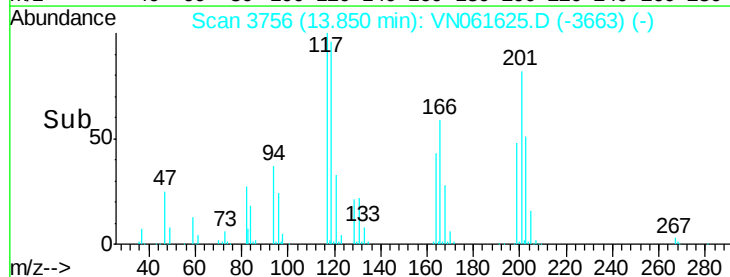
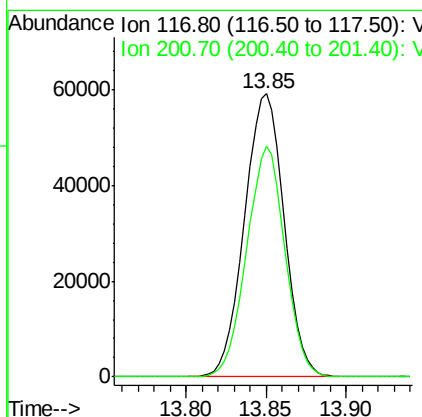
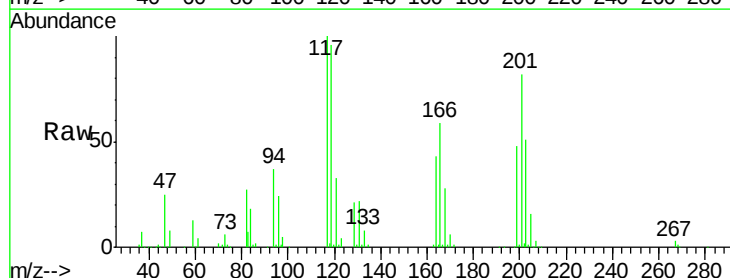
Manual Integrations
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#90
Hexachloroethane
Concen: 46.414 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.4	36.7	110.1





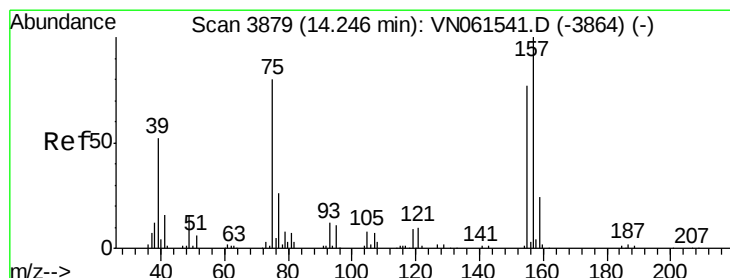
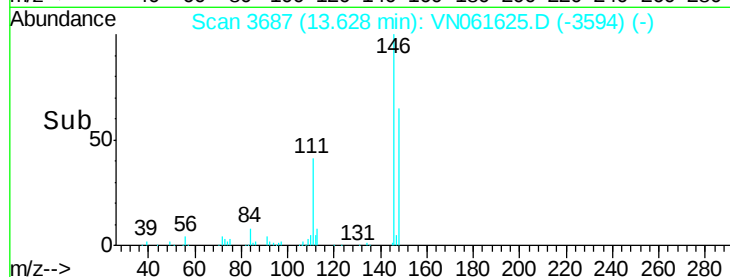
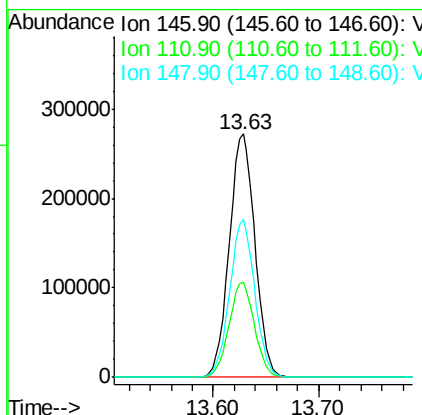
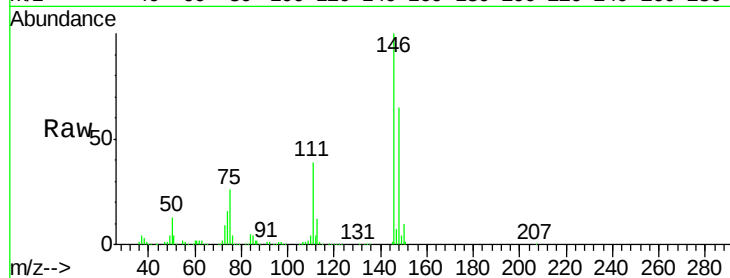
#91
 1,2-Dichlorobenzene
 Concen: 47.544 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061625.D
 Acq: 2 Jun 2020 17:59

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	20.1	60.2
148	63.5	31.9	95.5

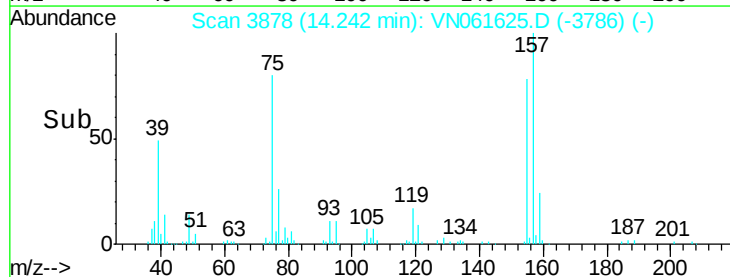
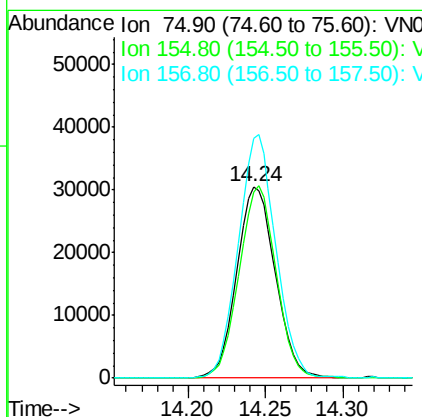
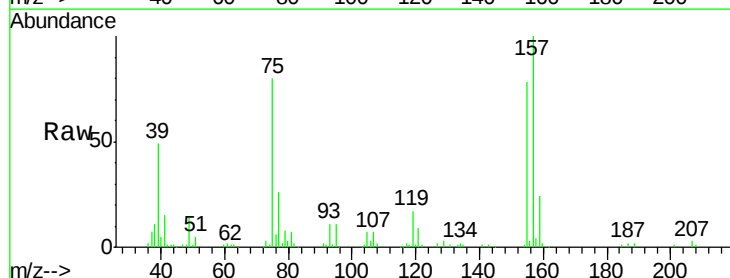
Manual Integrations
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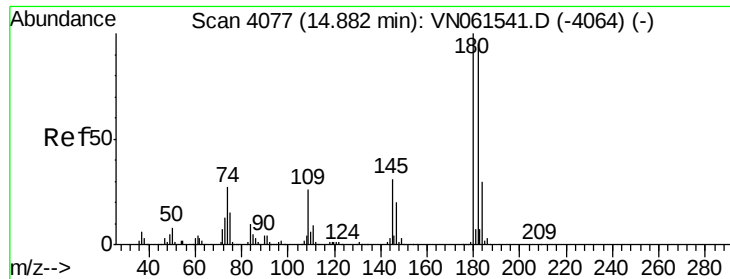
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.455 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN061625.D
 Acq: 2 Jun 2020 17:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.9	47.1	141.4
157	123.9	60.3	180.8





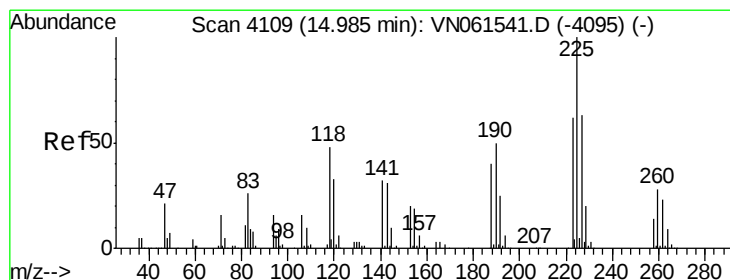
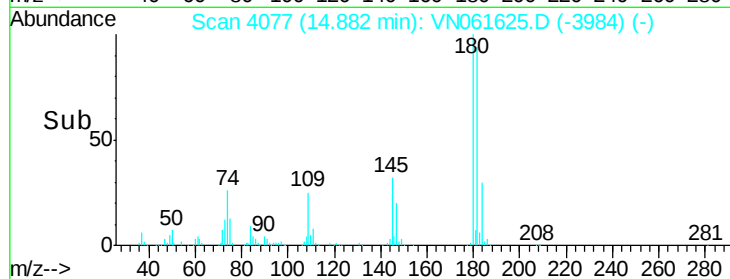
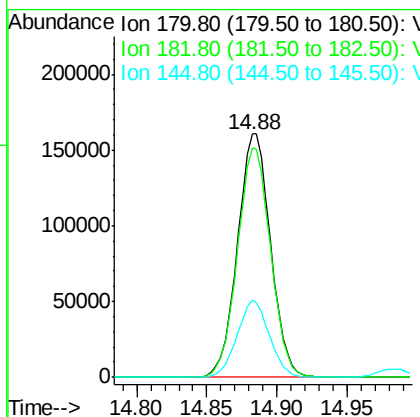
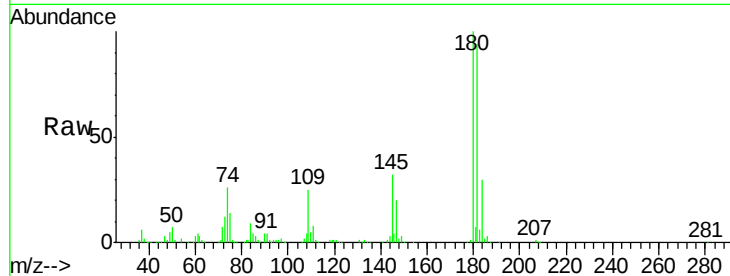
#93
 1,2,4-Trichlorobenzene
 Concen: 46.899 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061625.D
 Acq: 2 Jun 2020 17:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	263716		
182	94.8	47.8	143.3	
145	31.0	15.5	46.5	

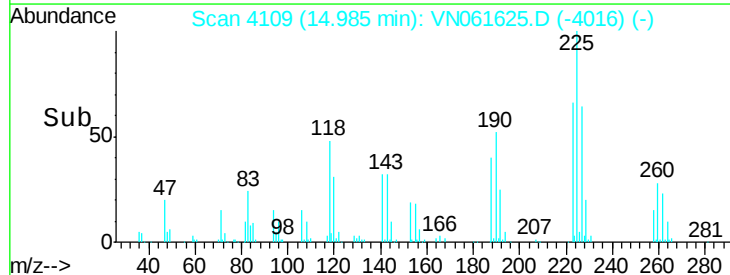
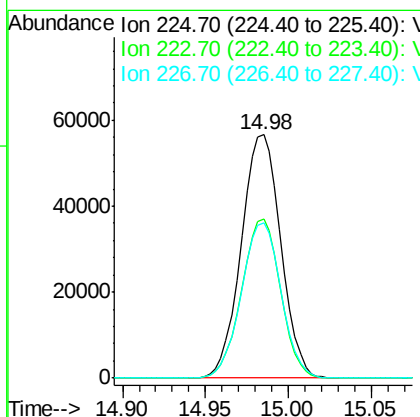
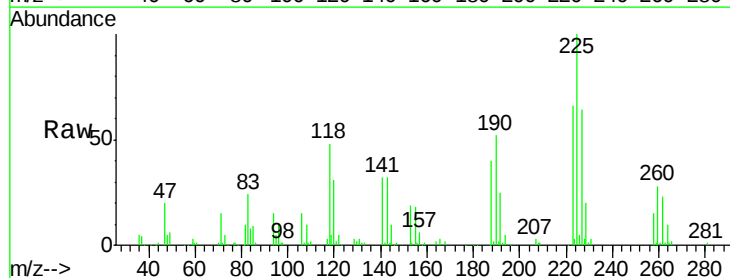
Manual Integrations
 APPROVED

MMDadoda
 6/3/2020 11:32:31 AM



#94
 Hexachlorobutadiene
 Concen: 39.244 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. -0.00 min
 Lab File: VN061625.D
 Acq: 2 Jun 2020 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	94112		
223	64.4	31.9	95.5	
227	64.1	31.9	95.9	





#95

Naphthalene

Concen: 47.248 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

Instrument :

MSVOA_N

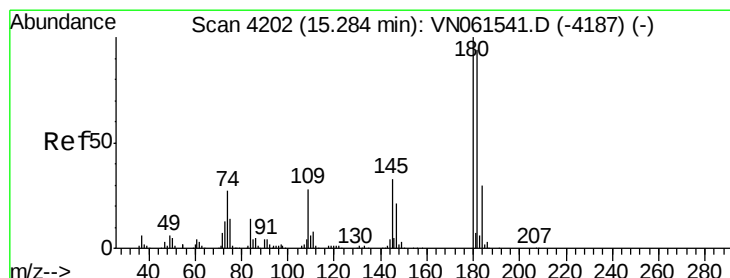
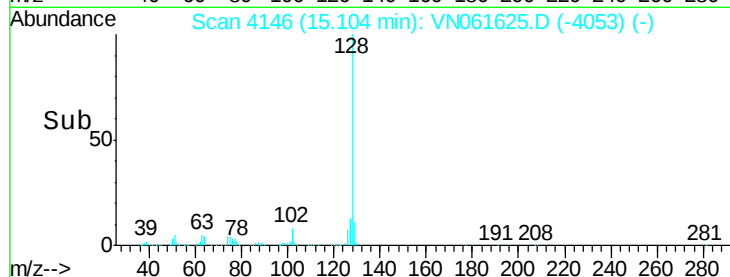
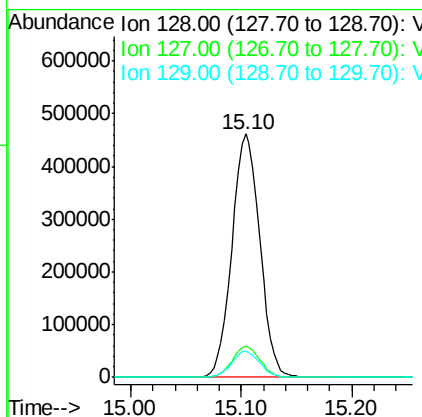
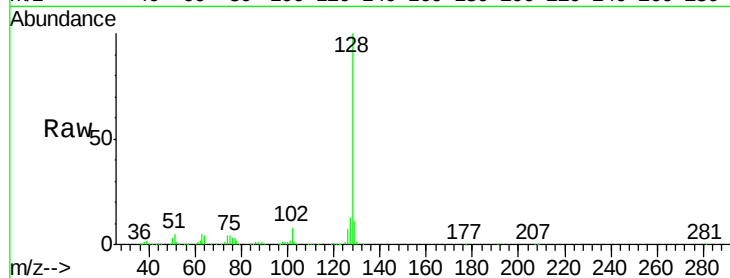
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	808654
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.0	15.0
129	10.8	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
6/3/2020 11:32:31 AM



#96

1,2,3-Trichlorobenzene

Concen: 46.316 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

Tgt Ion:	180	Resp:	256061
Ion Ratio	Lower	Upper	
180	100		
182	94.1	47.1	141.3
145	32.7	16.3	48.9

