

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062220\
 Data File : VN062015.D
 Acq On : 22 Jun 2020 21:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/23/2020 12:47:23 PM

Quant Time: Jun 23 06:31:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	155406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	268437	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	253904	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	125480	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	115243	55.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.58%	
35) Dibromofluoromethane	7.55	113	96184	56.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.02%	
50) Toluene-d8	10.06	98	370583	54.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.78%	
62) 4-Bromofluorobenzene	12.37	95	131888	56.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.90%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	99451	49.187	ug/l	98
3) Chloromethane	2.03	50	100444	46.564	ug/l	98
4) Vinyl Chloride	2.16	62	128127	49.825	ug/l	100
5) Bromomethane	2.52	94	87826	44.474	ug/l	99
6) Chloroethane	2.66	64	89511	51.432	ug/l	99
7) Trichlorofluoromethane	2.98	101	161967	52.729	ug/l	100
8) Diethyl Ether	3.37	74	58700	56.844	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	84516	53.632	ug/l	99
10) Methyl Iodide	3.91	142	102510	53.484	ug/l	100
11) Tert butyl alcohol	4.73	59	81434	282.351	ug/l	100
12) 1,1-Dichloroethene	3.69	96	82904	52.504	ug/l	96
13) Acrolein	3.57	56	44253	256.721	ug/l	99
14) Allyl chloride	4.27	41	116725	55.698	ug/l	98
15) Acrylonitrile	4.93	53	218857	306.246	ug/l	99
16) Acetone	3.77	43	168148	273.126	ug/l	99
17) Carbon Disulfide	4.01	76	189860	41.094	ug/l	100
18) Methyl Acetate	4.28	43	105760	59.669	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	296986	56.489	ug/l	99
20) Methylene Chloride	4.50	84	101225	50.467	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	91486	50.443	ug/l	96
22) Diisopropyl ether	5.90	45	278413	58.089	ug/l	98
23) Vinyl Acetate	5.84	43	1085223	287.884	ug/l	98
24) 1,1-Dichloroethane	5.80	63	172959	55.126	ug/l	99
25) 2-Butanone	6.79	43	270045	300.644	ug/l	99
26) 2,2-Dichloropropane	6.78	77	135288	51.252	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	111273	53.172	ug/l	98
28) Bromochloromethane	7.15	49	81505	58.344	ug/l	92
29) Tetrahydrofuran	7.17	42	179160	303.082	ug/l	98
30) Chloroform	7.33	83	183196	54.634	ug/l	98
31) Cyclohexane	7.61	56	128887	46.926	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	154256	54.017	ug/l	99
36) 1,1-Dichloropropene	7.75	75	127977	52.269	ug/l	99
37) Ethyl Acetate	6.88	43	116072	60.707	ug/l	100
38) Carbon Tetrachloride	7.73	117	128583	53.032	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	135309	51.323	ug/l	99
40) Benzene	8.00	78	399974	53.928	ug/l	98
41) Methacrylonitrile	7.13	41	46139m	56.433	ug/l	
42) 1,2-Dichloroethane	8.08	62	139744	55.258	ug/l	99
43) Isopropyl Acetate	8.13	43	194410	60.335	ug/l #	90
44) Trichloroethene	8.80	130	102476	52.500	ug/l	100
45) 1,2-Dichloropropane	9.08	63	104973	57.592	ug/l	98
46) Dibromomethane	9.17	93	71857	55.984	ug/l	97
47) Bromodichloromethane	9.37	83	147532	56.134	ug/l	98
48) Methyl methacrylate	9.17	41	87422	59.661	ug/l	97
49) 1,4-Dioxane	9.17	88	38999	1159.233	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	593441	311.667	ug/l	100
52) Toluene	10.12	92	261617	56.165	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	159116	57.029	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	171727	56.667	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	108109	58.989	ug/l	99
56) Ethyl methacrylate	10.40	69	149975	53.366	ug/l	98
57) 1,3-Dichloropropane	10.68	76	178836	57.599	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	288975	298.764	ug/l	98
59) 2-Hexanone	10.72	43	432445	282.441	ug/l	99
60) Dibromochloromethane	10.87	129	116366	56.902	ug/l	99
61) 1,2-Dibromoethane	10.98	107	107348	56.094	ug/l	99
64) Tetrachloroethene	10.60	164	86028	53.159	ug/l	97
65) Chlorobenzene	11.41	112	285054	53.206	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	104020	55.669	ug/l	99
67) Ethyl Benzene	11.48	91	500511	55.719	ug/l	99
68) m/p-Xylenes	11.59	106	385695	111.352	ug/l	99
69) o-Xylene	11.92	106	187244	56.656	ug/l	99
70) Styrene	11.94	104	322174	58.220	ug/l	100
71) Bromoform	12.10	173	77418	56.823	ug/l #	100
73) Isopropylbenzene	12.22	105	496263	55.655	ug/l	99
74) N-amyl acetate	12.05	43	172783	53.292	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	161707	55.780	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	146442m	59.445	ug/l	
77) Bromobenzene	12.50	156	121366	53.951	ug/l	97
78) n-propylbenzene	12.57	91	565305	55.561	ug/l	100
79) 2-Chlorotoluene	12.65	91	337670	55.259	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	413679	56.077	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	52181	57.772	ug/l	99
82) 4-Chlorotoluene	12.75	91	350736	55.547	ug/l	98
83) tert-Butylbenzene	12.97	119	347630	55.585	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	417013	57.265	ug/l	99
85) sec-Butylbenzene	13.15	105	468967	57.290	ug/l	99
86) p-Isopropyltoluene	13.26	119	418540	57.380	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	217418	52.991	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	216243	51.489	ug/l	99
89) n-Butylbenzene	13.59	91	335456	55.068	ug/l	100
90) Hexachloroethane	13.85	117	76901	57.594	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	216216	54.740	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	27268	57.938	ug/l	94

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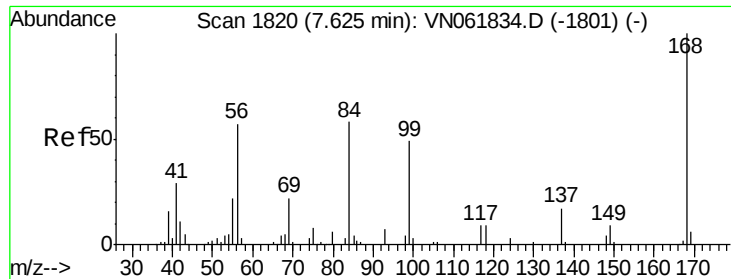
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	97340	52.225	ug/l	99
94) Hexachlorobutadiene	14.98	225	40297	54.893	ug/l	98
95) Naphthalene	15.10	128	285016	45.965	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	98424	53.320	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062015.D

Acq: 22 Jun 2020 21:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 155406

Ion Ratio Lower Upper

168 100

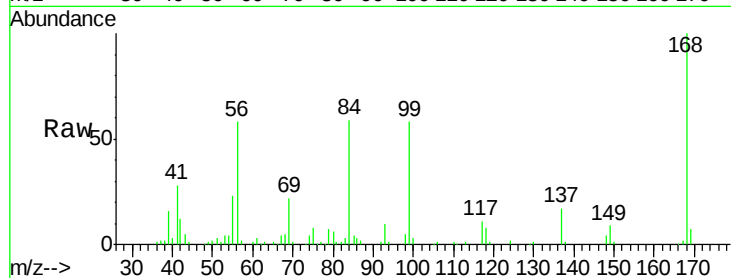
99 57.4 44.6 67.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

60000

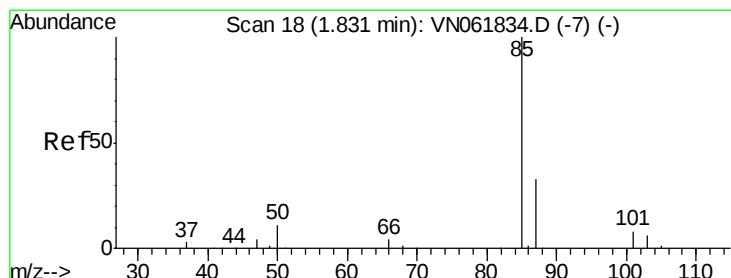
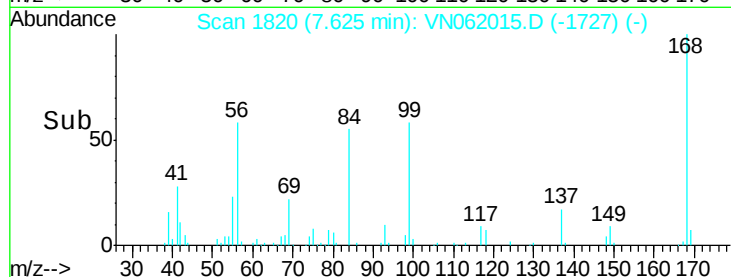
40000

20000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 49.187 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062015.D

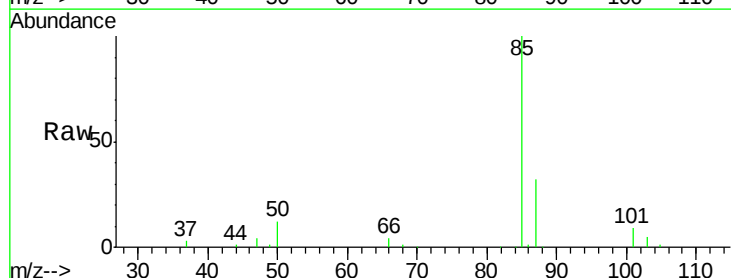
Acq: 22 Jun 2020 21:56

Tgt Ion: 85 Resp: 99451

Ion Ratio Lower Upper

85 100

87 32.0 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

60000

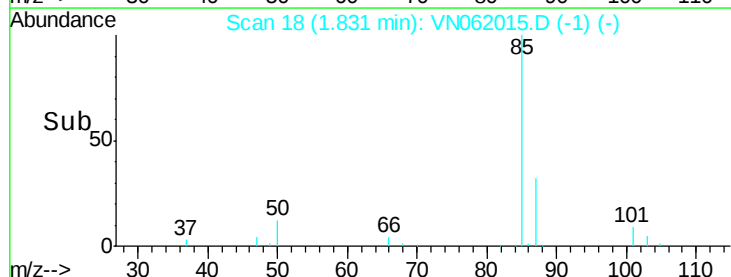
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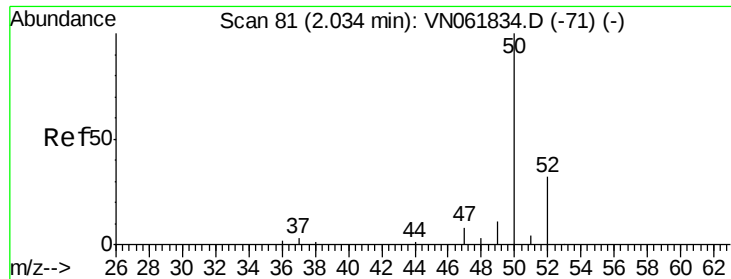
20000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 46.564 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062015.D

Acq: 22 Jun 2020 21:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 100444

Ion Ratio Lower Upper

50 100

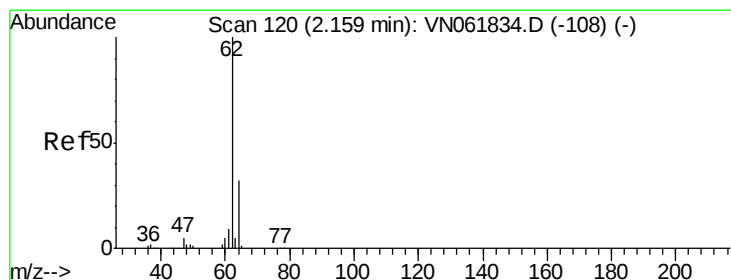
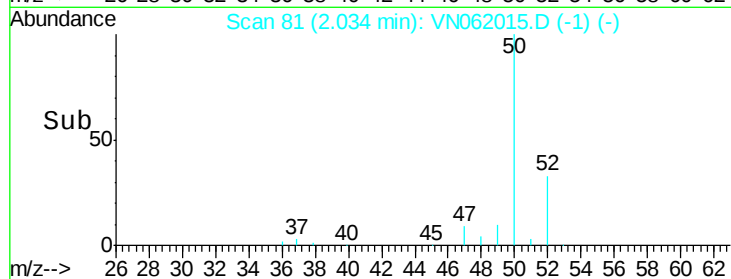
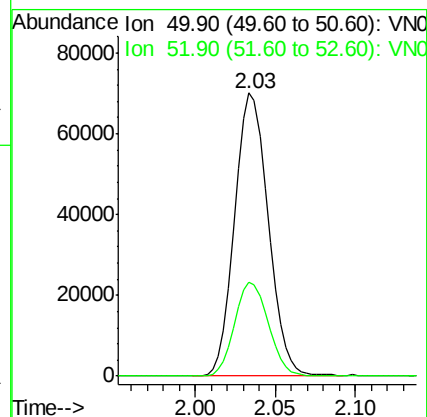
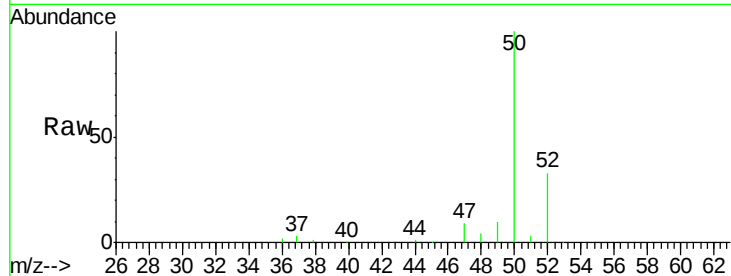
52 33.4 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.825 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062015.D

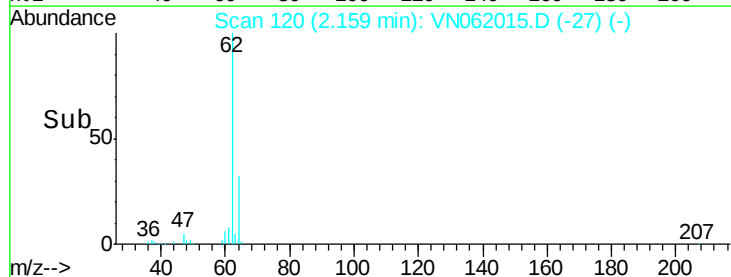
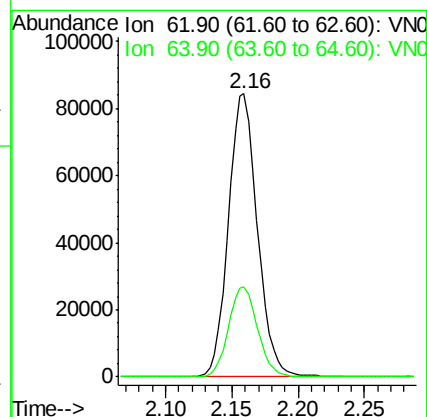
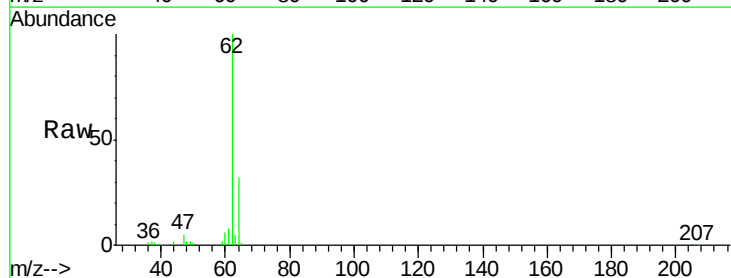
Acq: 22 Jun 2020 21:56

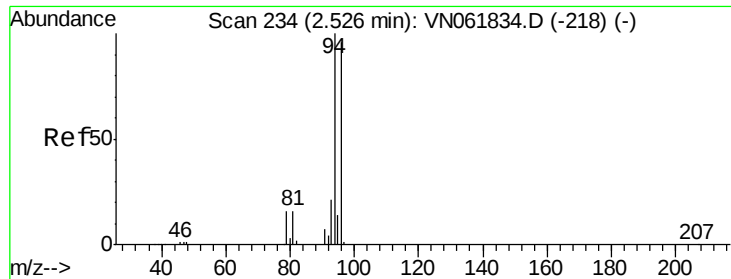
Tgt Ion: 62 Resp: 128127

Ion Ratio Lower Upper

62 100

64 31.7 25.5 38.3





#5

Bromomethane

Concen: 44.474 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.01 min

Lab File: VN062015.D

Acq: 22 Jun 2020 21:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 87826

Ion Ratio Lower Upper

94 100

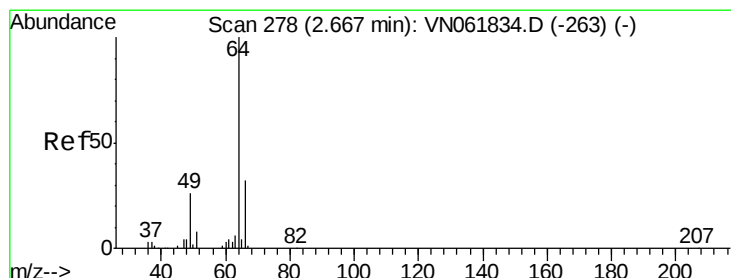
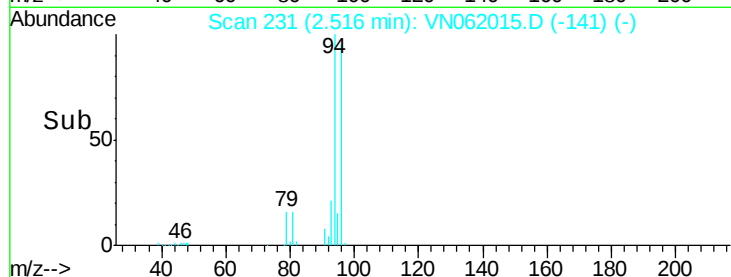
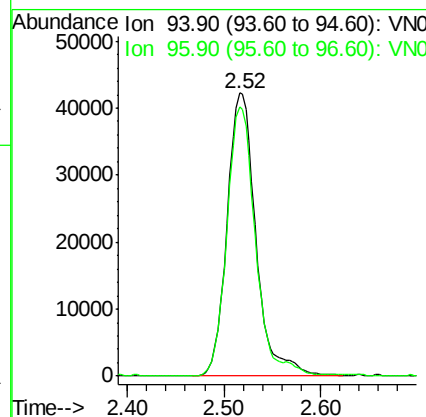
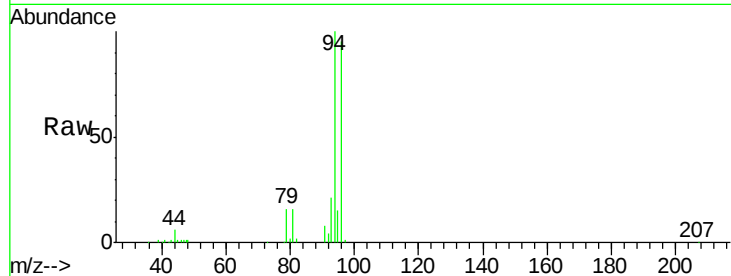
96 95.2 76.7 115.1

Manual Integrations

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#6

Chloroethane

Concen: 51.432 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.00 min

Lab File: VN062015.D

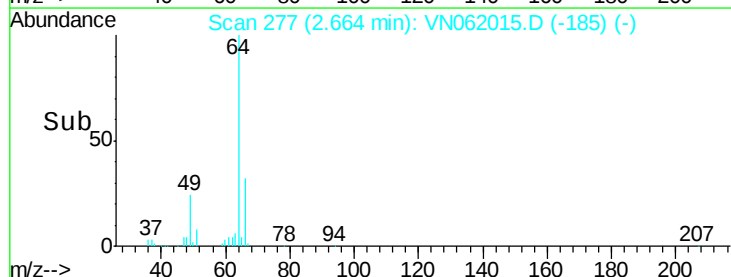
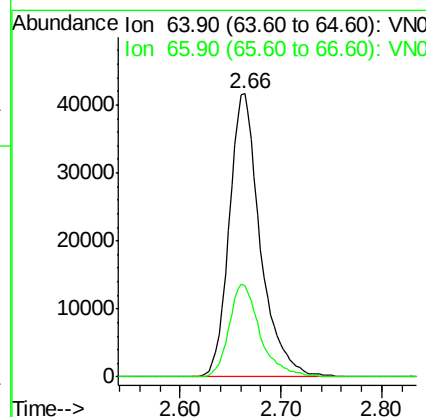
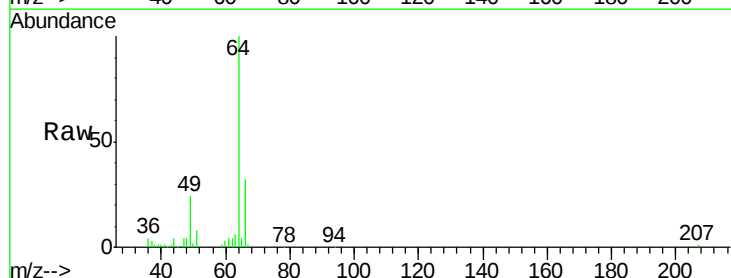
Acq: 22 Jun 2020 21:56

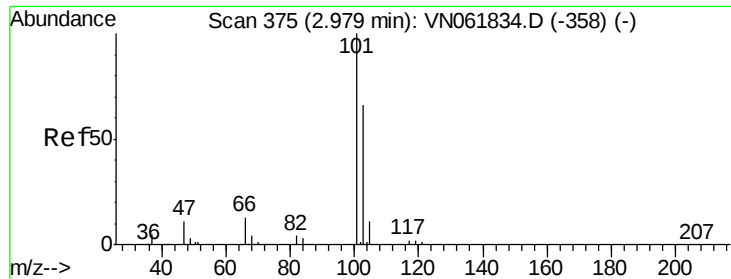
Tgt Ion: 64 Resp: 89511

Ion Ratio Lower Upper

64 100

66 32.2 25.4 38.2





#7

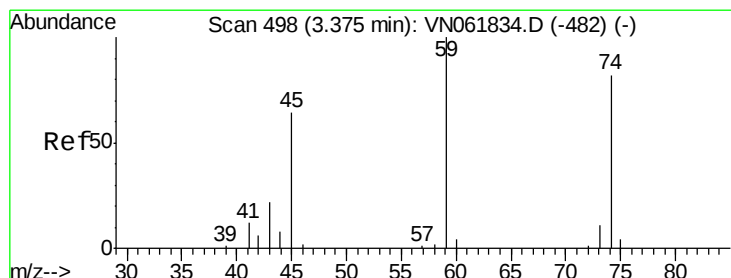
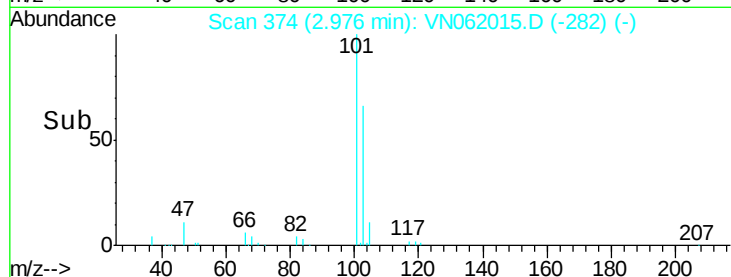
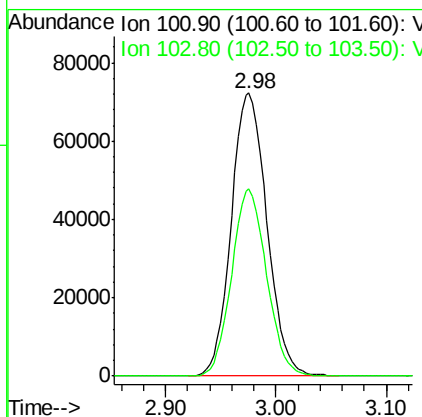
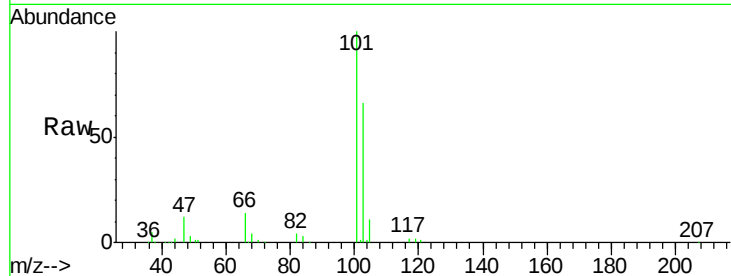
Trichlorofluoromethane
Concen: 52.729 ug/l
RT: 2.98 min Scan# 374
Delta R.T. -0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

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VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.1	52.8	79.2

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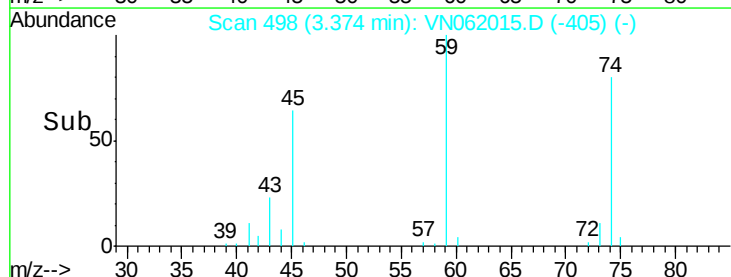
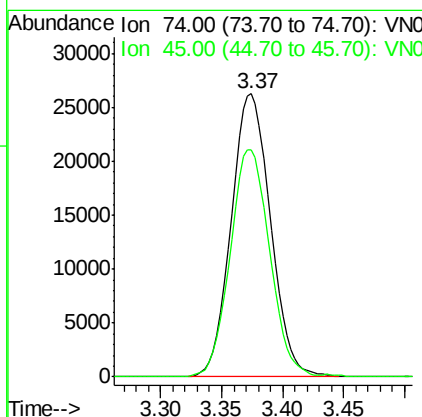
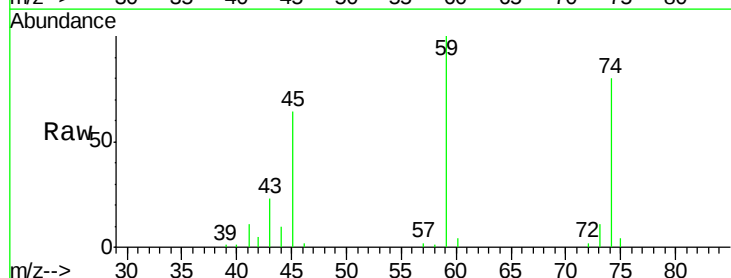
MMDadoda
6/23/2020 12:47:23 PM

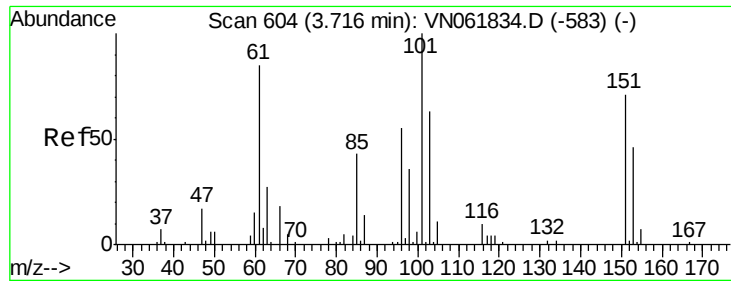


#8

Diethyl Ether
Concen: 56.844 ug/l
RT: 3.37 min Scan# 498
Delta R.T. -0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

Tgt Ion	Ratio	Lower	Upper
74	100		
45	80.8	39.1	117.3





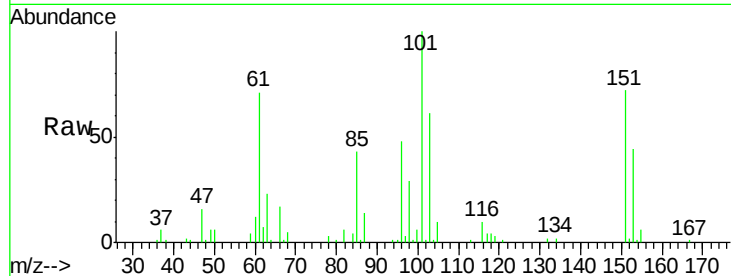
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.632 ug/l
RT: 3.72 min Scan# 604
Delta R.T. -0.00 min
Lab File: VN062015.D
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VSTDCCC050

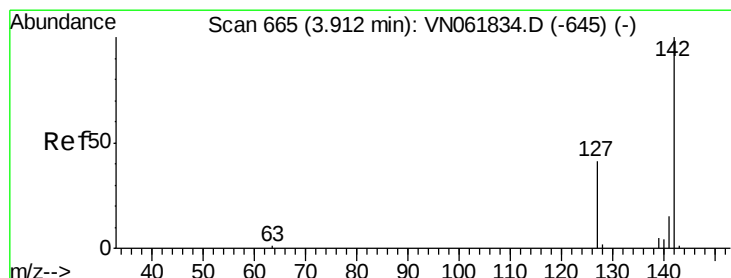
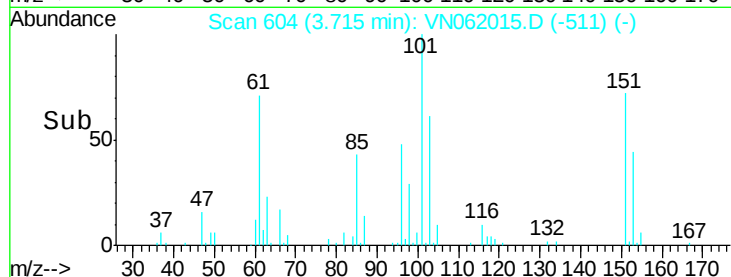
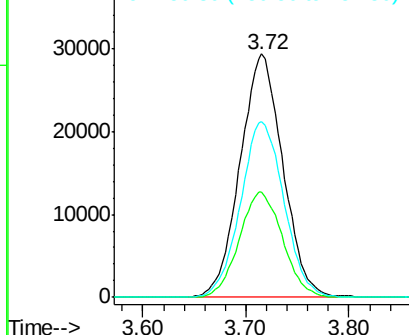
Tot Ion	Ratio	Lower	Upper
101	100		
85	43.9	35.0	52.6
151	73.4	59.2	88.8

Manual Integrations
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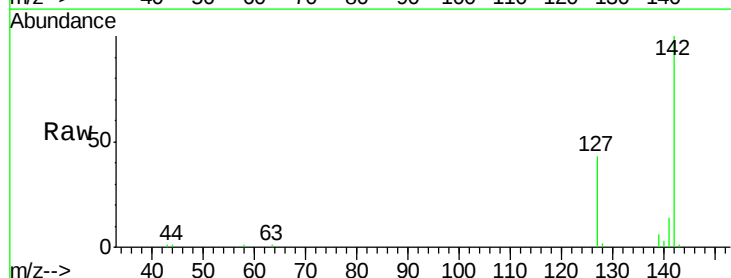


Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V

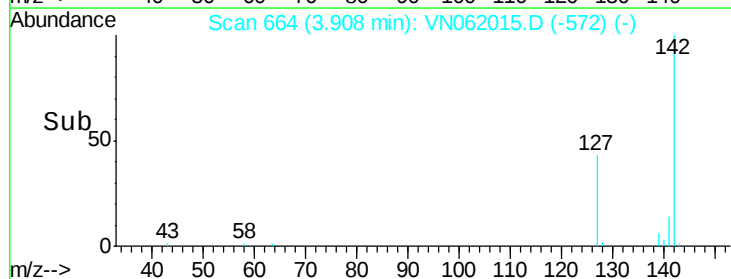
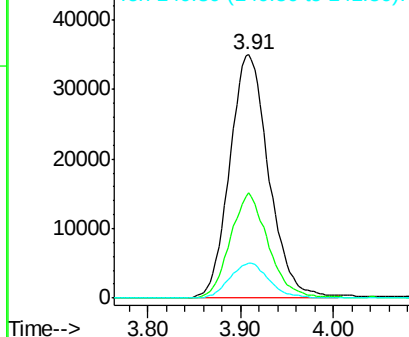


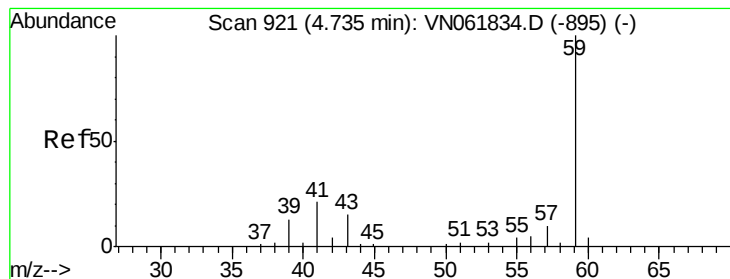
#10
Methyl Iodide
Concen: 53.484 ug/l
RT: 3.91 min Scan# 664
Delta R.T. -0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.9	33.4	50.0
141	14.3	11.3	16.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

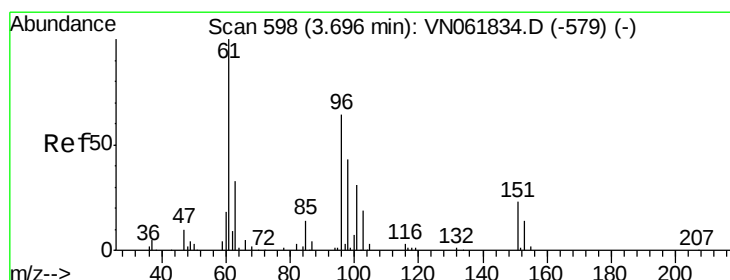
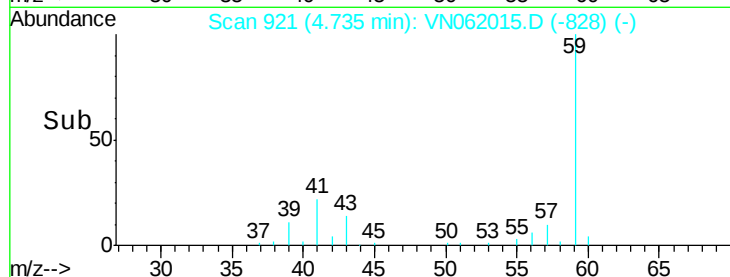
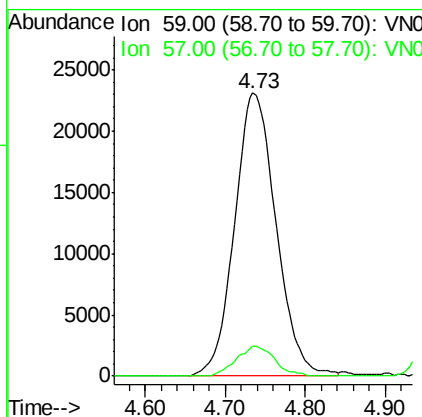
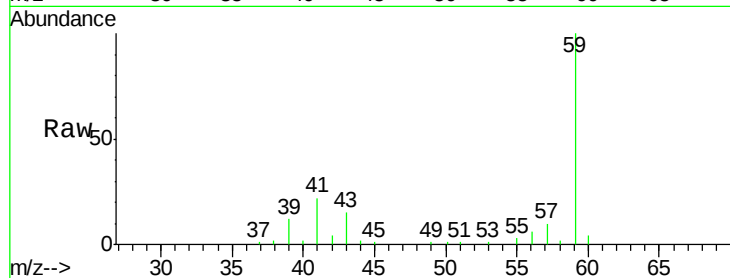
Tert butyl alcohol
 Concen: 282.351 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VN062015.D
 Acq: 22 Jun 2020 21:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	7.7	11.5

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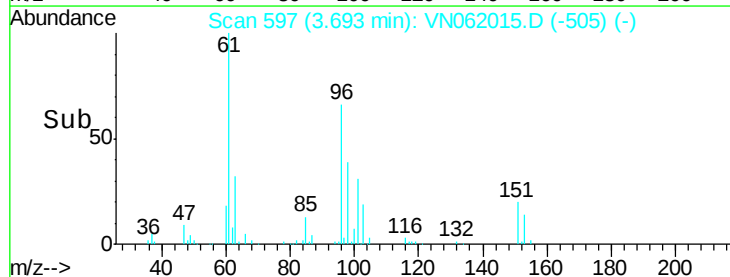
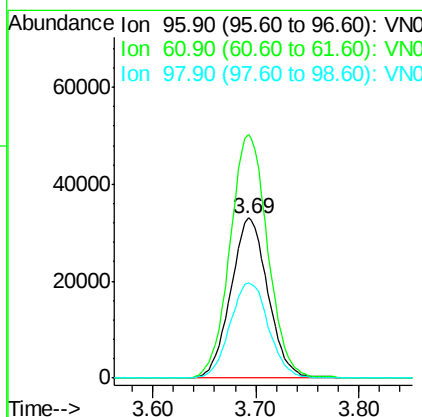
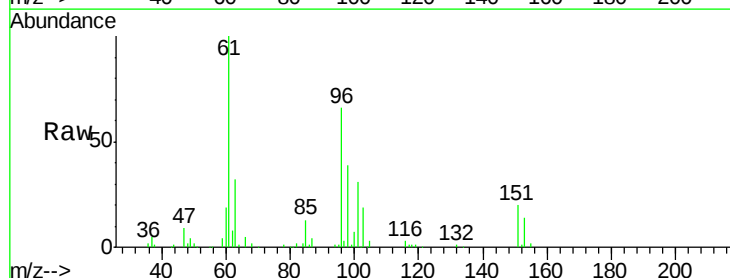
MMDadoda
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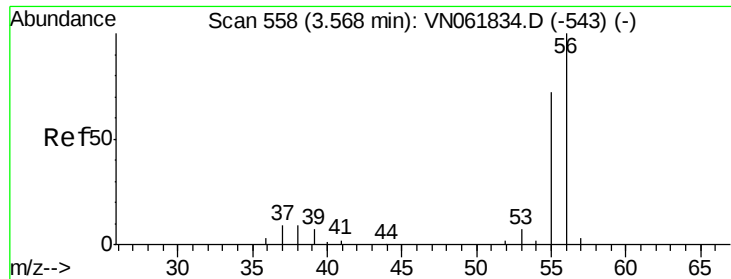


#12

1,1-Dichloroethene
 Concen: 52.504 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062015.D
 Acq: 22 Jun 2020 21:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.4	124.3	186.5
98	59.4	53.1	79.7





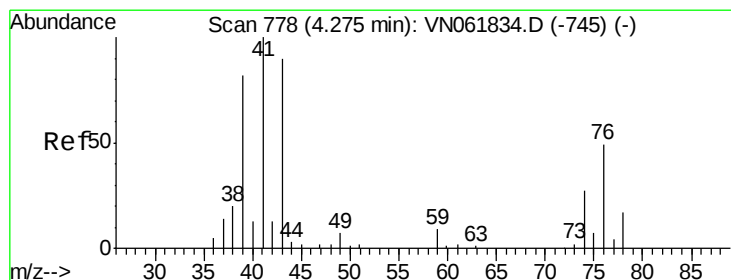
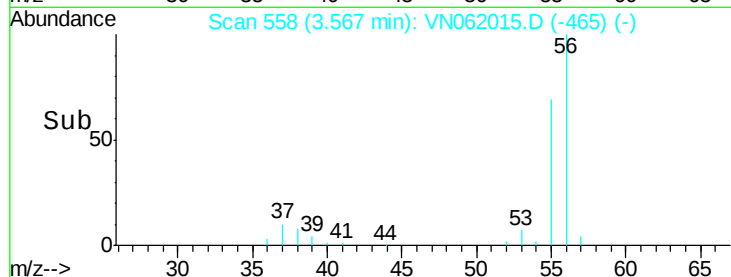
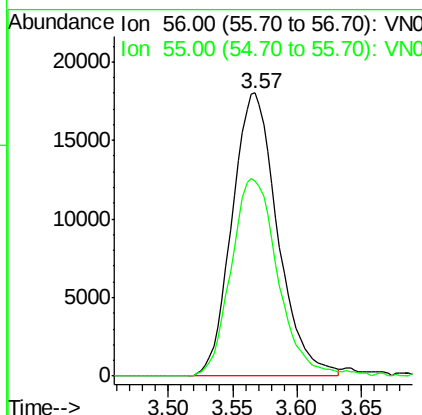
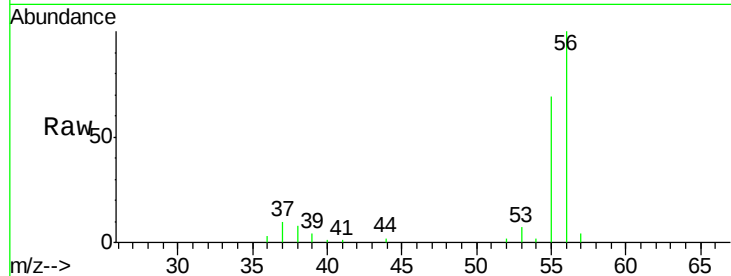
#13
Acrolein
Concen: 256.721 ug/l
RT: 3.57 min Scan# 558
Delta R.T. -0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 44253
Ion Ratio Lower Upper
56 100
55 71.1 56.2 84.4

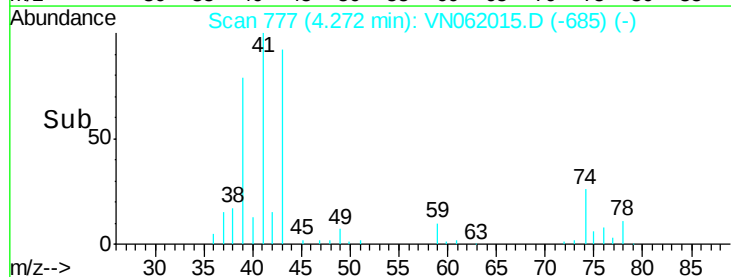
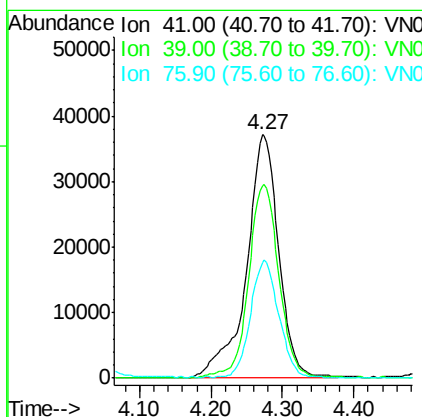
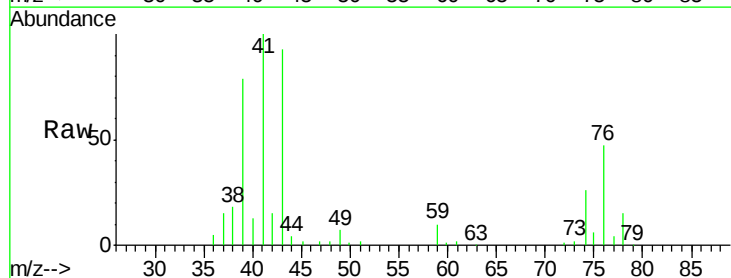
Manual Integrations
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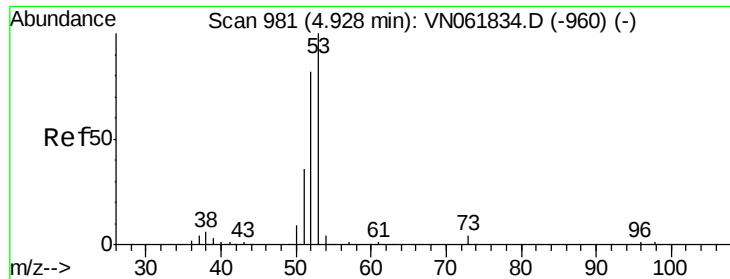
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#14
Allyl chloride
Concen: 55.698 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

Tgt Ion: 41 Resp: 116725
Ion Ratio Lower Upper
41 100
39 74.6 60.2 90.2
76 42.4 36.3 54.5





#15

Acrylonitrile

Concen: 306.246 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062015.D

Acq: 22 Jun 2020 21:56

Instrument :

MSVOA_N

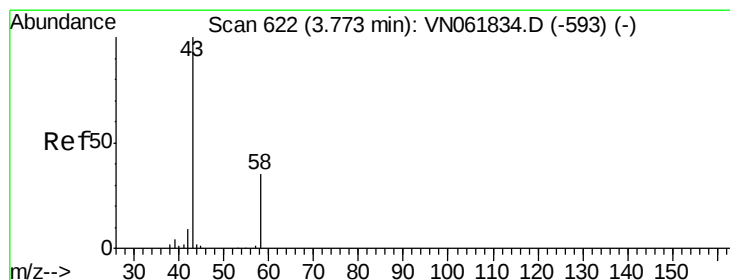
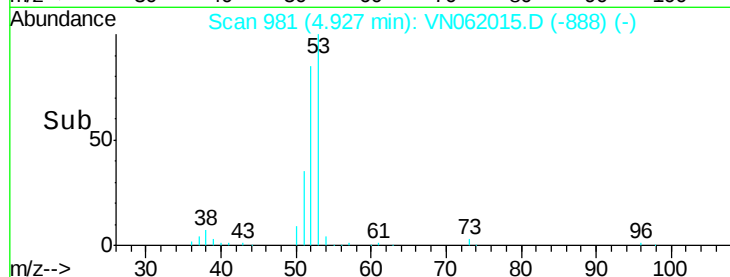
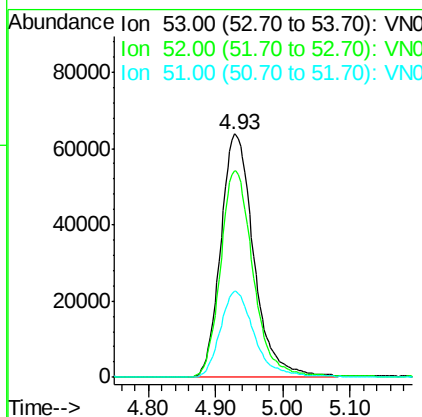
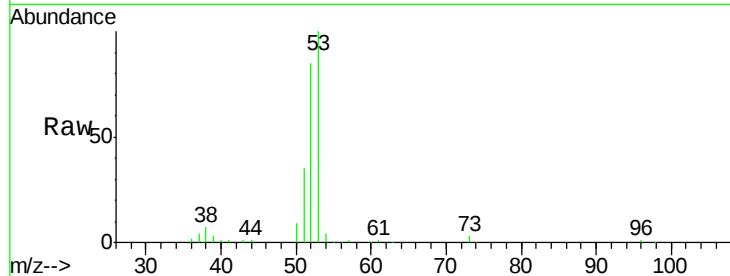
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	218857
Ion	Ratio	Lower	Upper
53	100		
52	83.2	65.2	97.8
51	36.4	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 273.126 ug/l

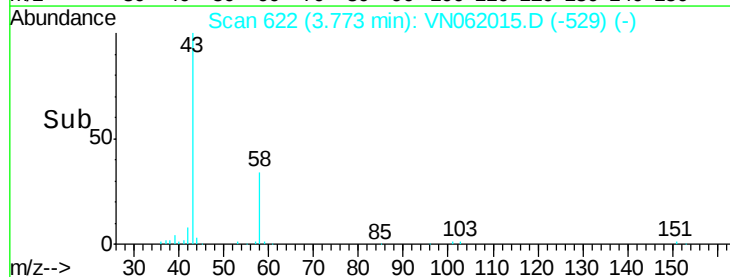
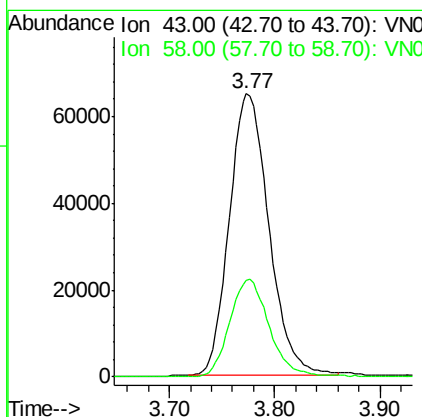
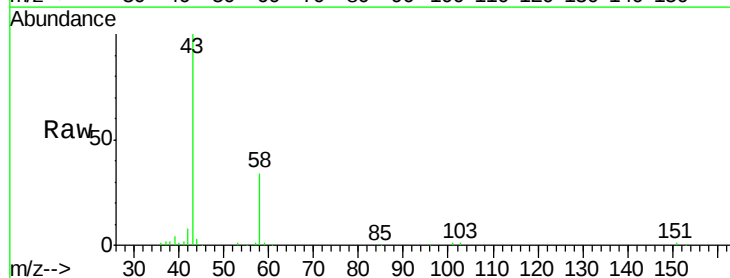
RT: 3.77 min Scan# 622

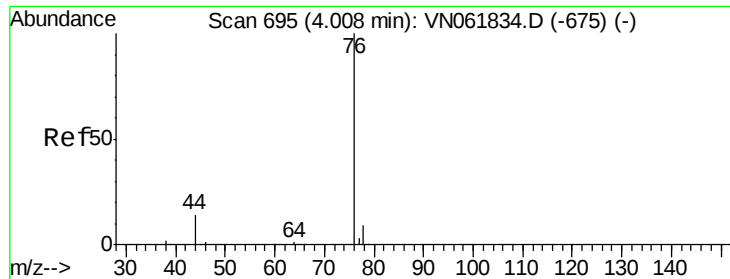
Delta R.T. -0.00 min

Lab File: VN062015.D

Acq: 22 Jun 2020 21:56

Tgt Ion:	43	Resp:	168148
Ion	Ratio	Lower	Upper
43	100		
58	34.5	27.8	41.8





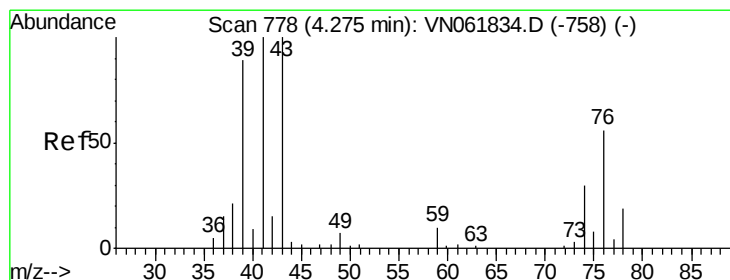
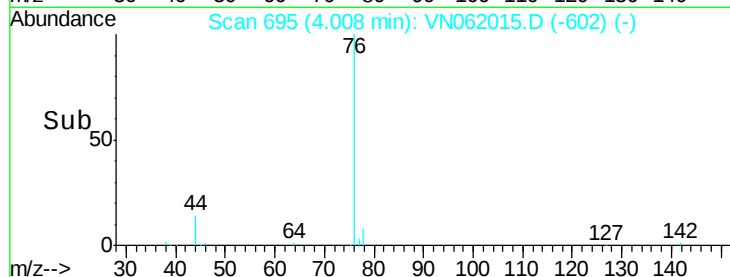
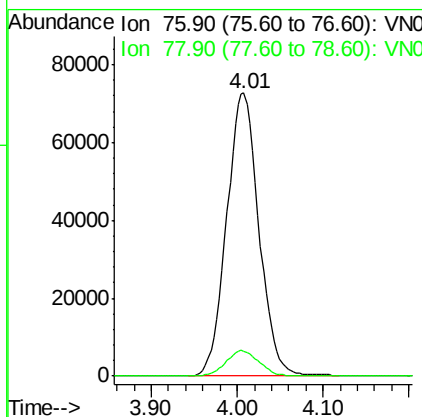
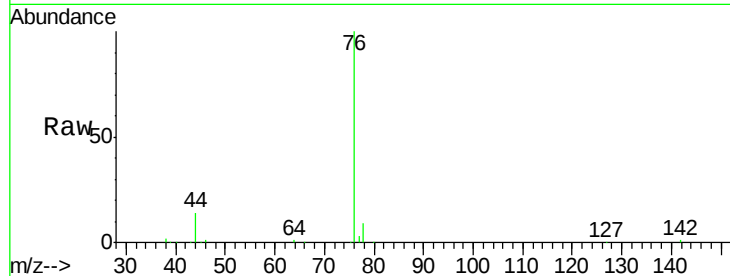
#17
Carbon Disulfide
Concen: 41.094 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.3	10.9

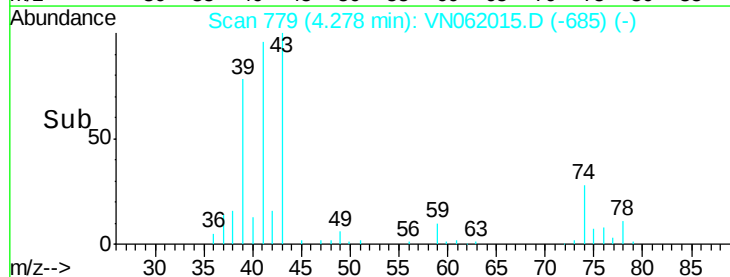
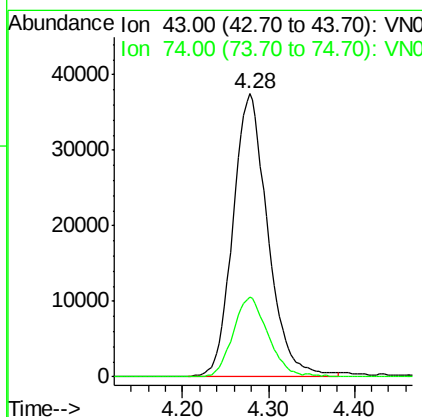
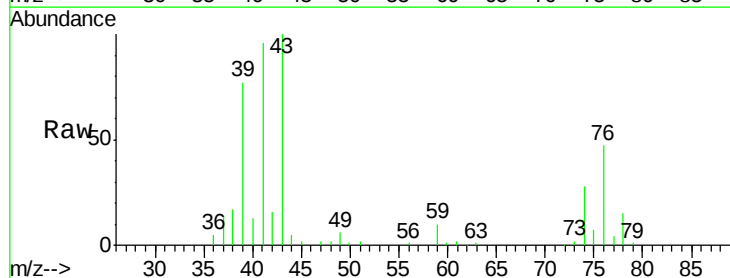
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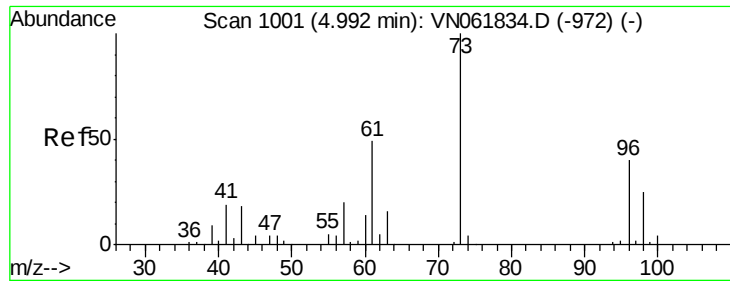
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#18
Methyl Acetate
Concen: 59.669 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.0	23.0	34.4





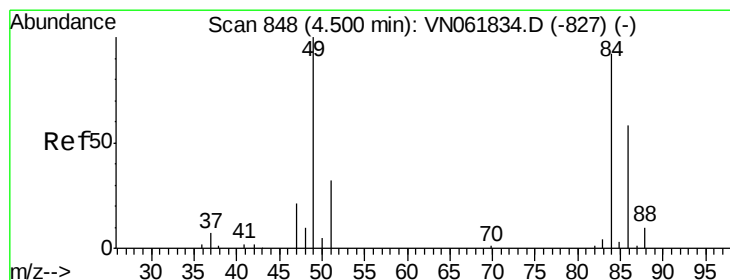
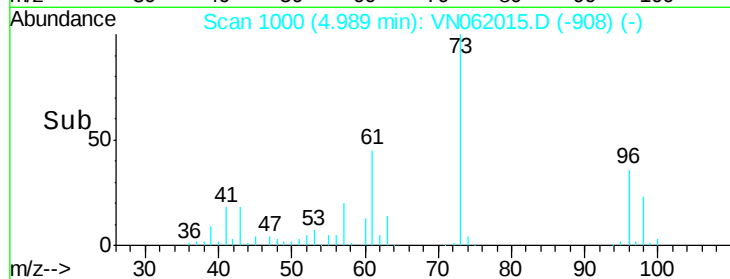
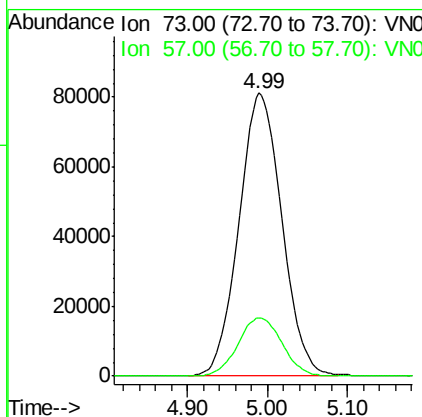
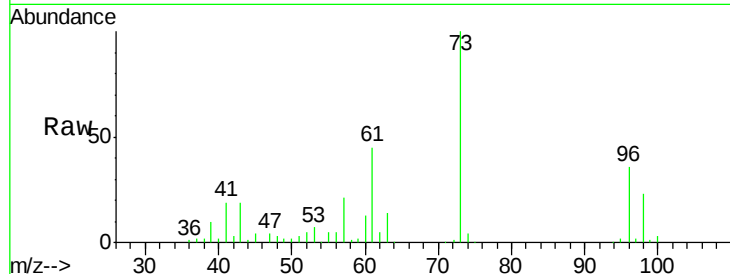
#19
Methvl tert-butvl Ether
Concen: 56.489 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 296986
Ion Ratio Lower Upper
73 100
57 20.6 16.2 24.4

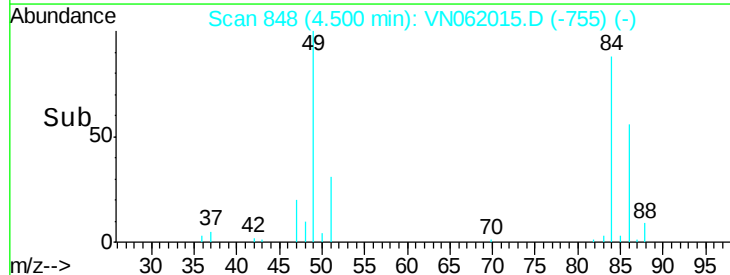
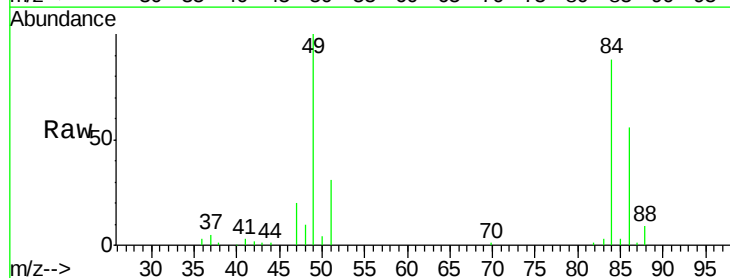
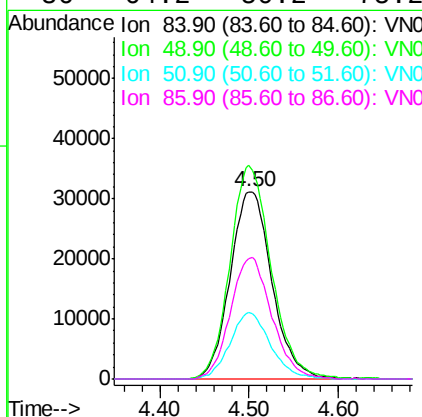
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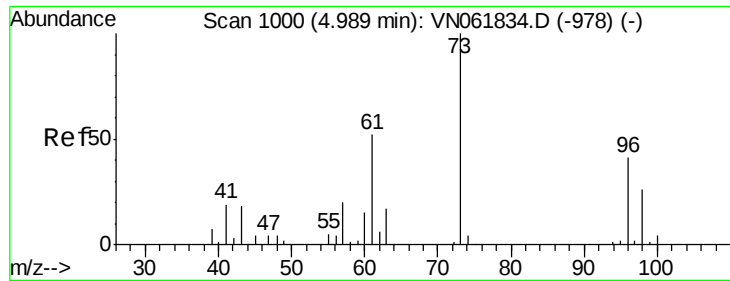
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#20
Methylene Chloride
Concen: 50.467 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

Tgt Ion: 84 Resp: 101225
Ion Ratio Lower Upper
84 100
49 114.2 87.0 130.4
51 35.6 27.8 41.6
86 64.2 50.2 75.2





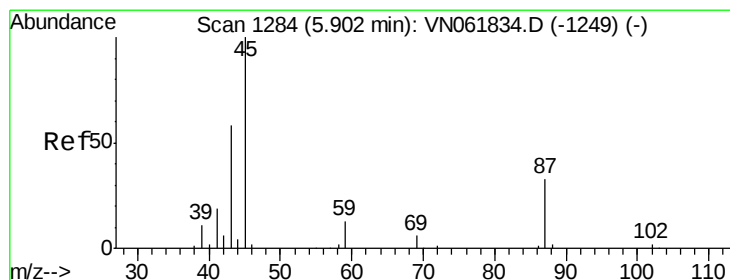
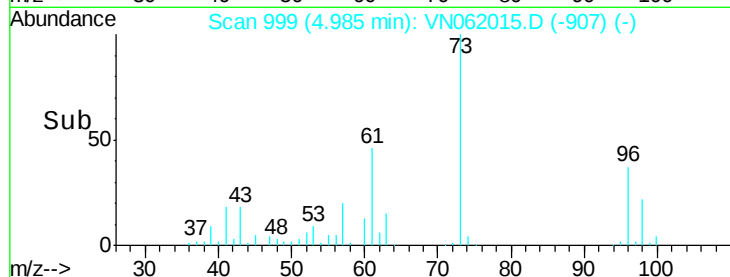
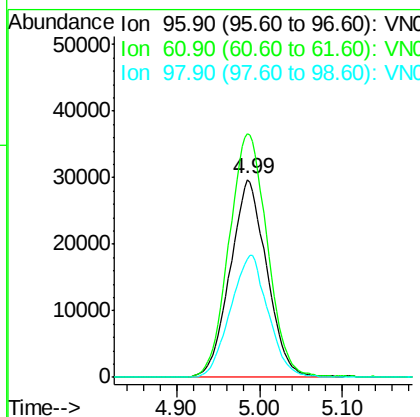
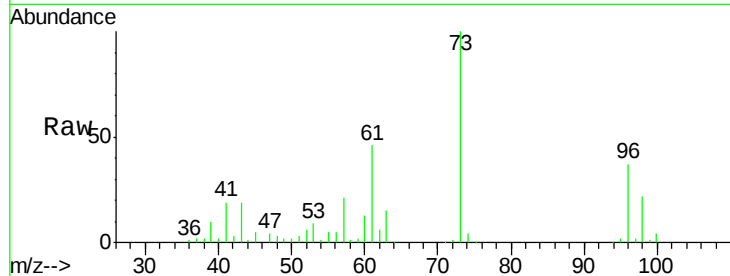
#21
trans-1,2-Dichloroethene
Concen: 50.443 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	123.2	102.2	153.4
98	59.7	51.2	76.8

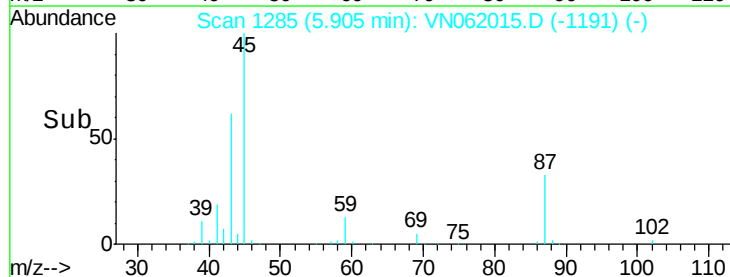
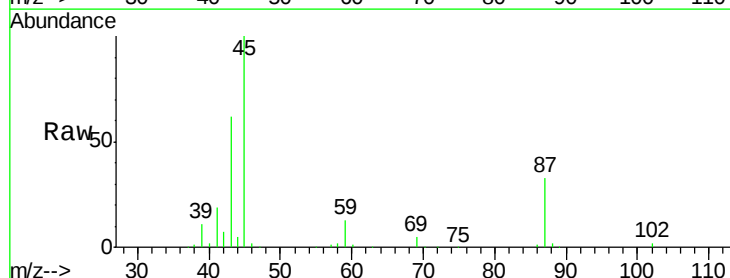
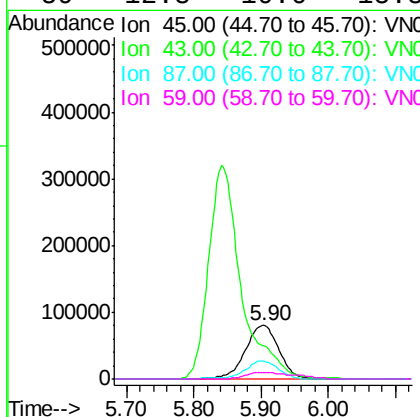
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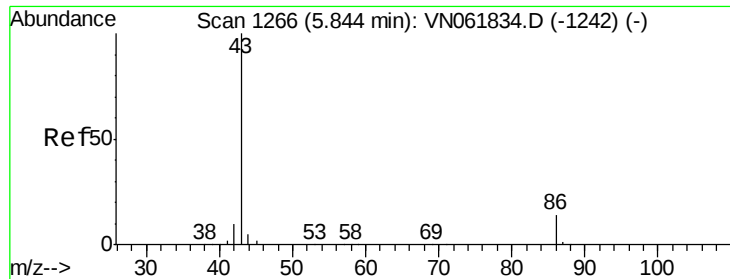
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#22
Diisopropyl ether
Concen: 58.089 ug/l
RT: 5.90 min Scan# 1285
Delta R.T. 0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

Tgt Ion	Ratio	Lower	Upper
45	100		
43	60.4	49.4	74.2
87	32.7	27.4	41.0
59	12.8	10.6	15.8





#23

Vinyl Acetate

Concen: 287.884 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062015.D

Acq: 22 Jun 2020 21:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1085223

Ion Ratio Lower Upper

43 100

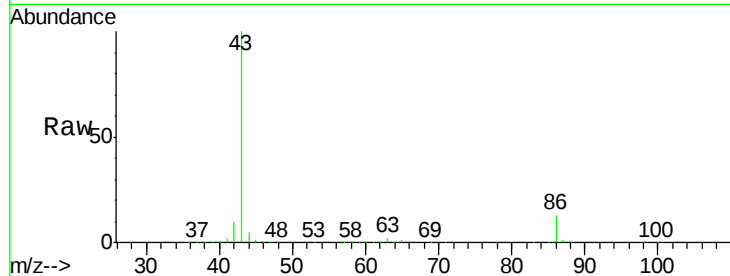
86 12.8 10.9 16.3

Manual Integrations

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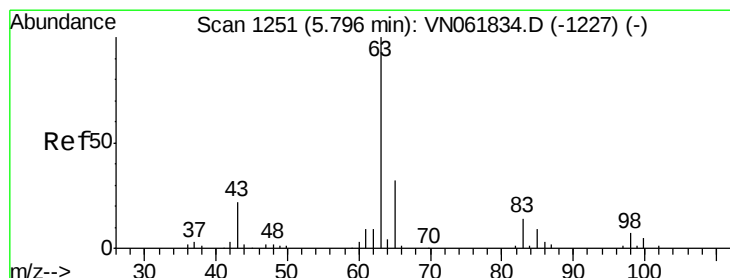
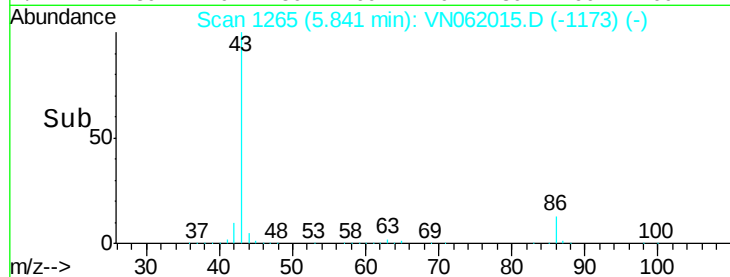
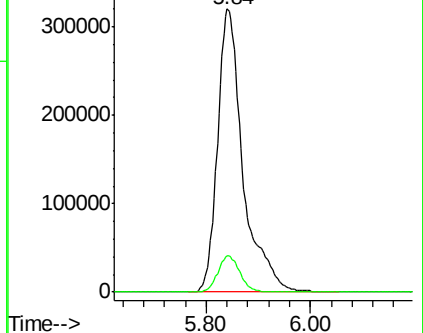
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 55.126 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062015.D

Acq: 22 Jun 2020 21:56

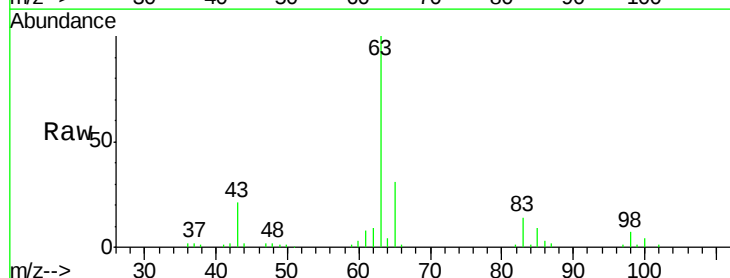
Tgt Ion: 63 Resp: 172959

Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.4

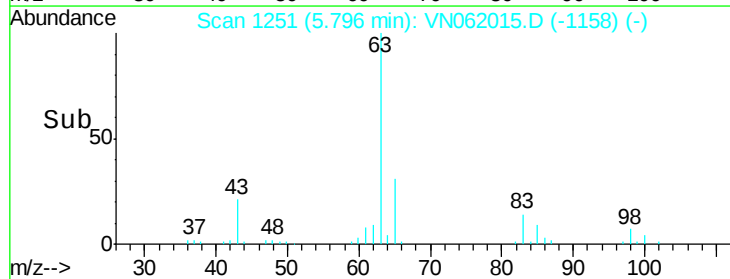
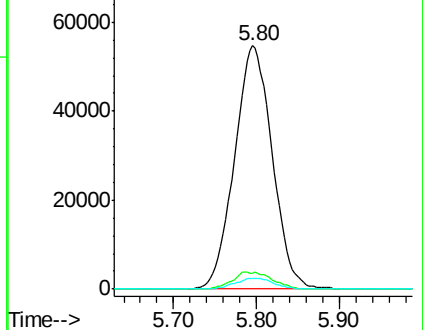
100 4.3 2.5 7.4

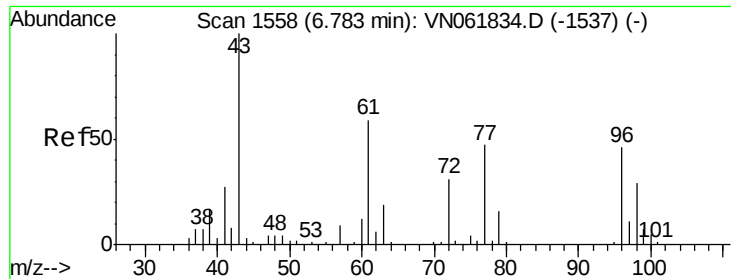


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





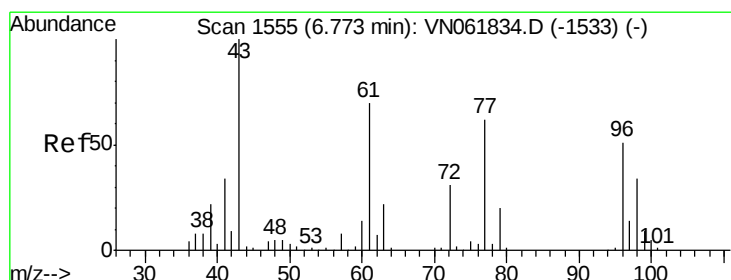
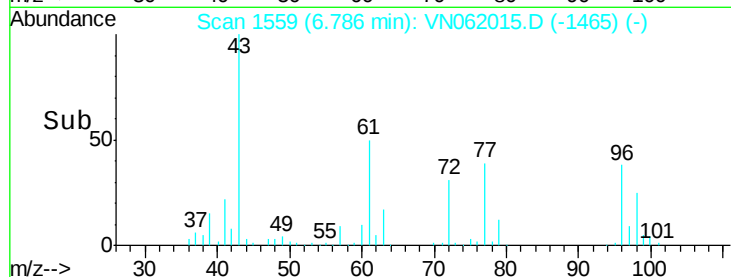
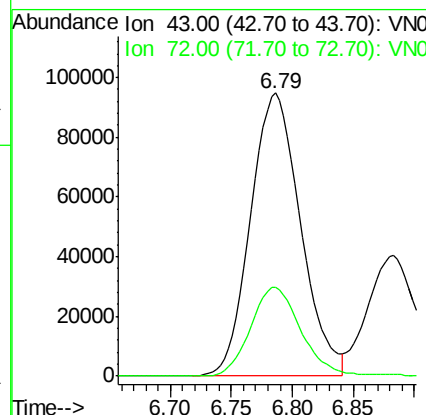
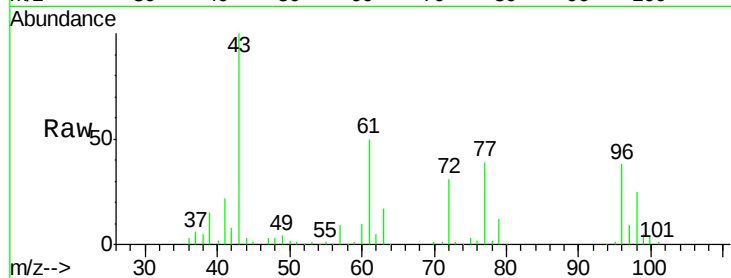
#25
2-Butanone
Concen: 300.644 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 270045
Ion Ratio Lower Upper
43 100
72 31.4 24.6 37.0

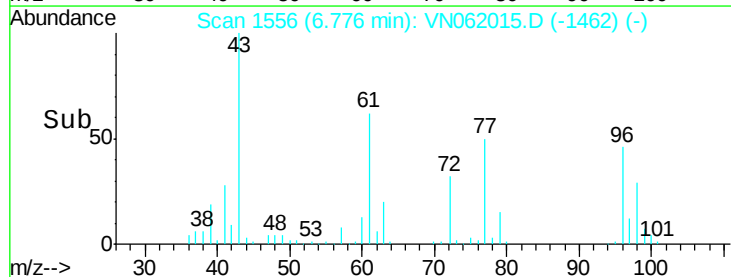
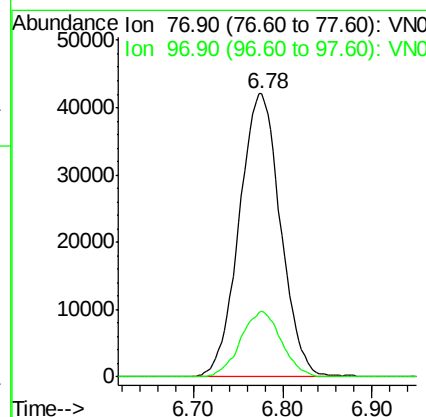
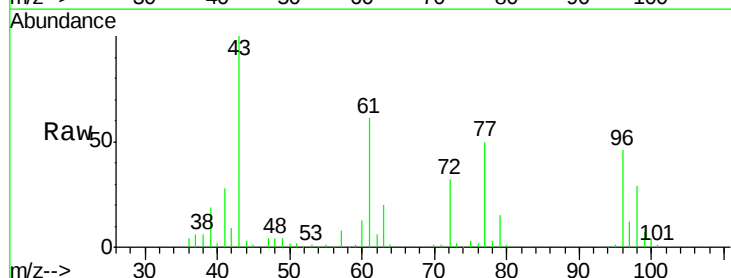
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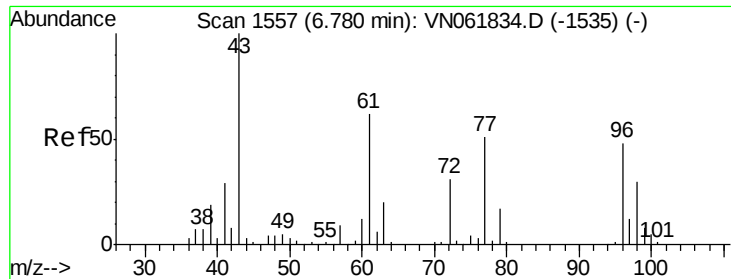
MMDadoda
6/23/2020 12:47:23 PM



#26
2,2-Dichloropropane
Concen: 51.252 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

Tgt Ion: 77 Resp: 135288
Ion Ratio Lower Upper
77 100
97 22.8 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 53.172 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062015.D

Acq: 22 Jun 2020 21:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 111273

Ion Ratio Lower Upper

96 100

61 136.2 0.0 265.6

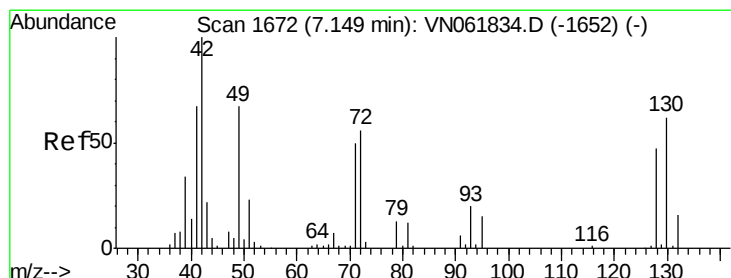
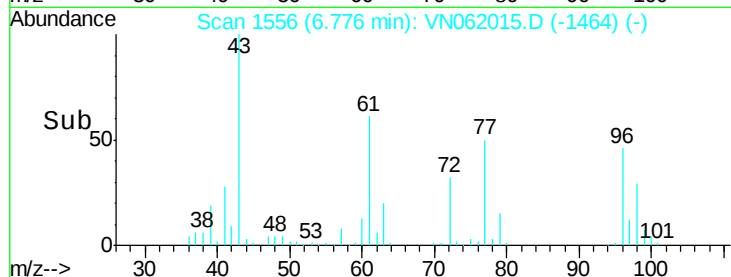
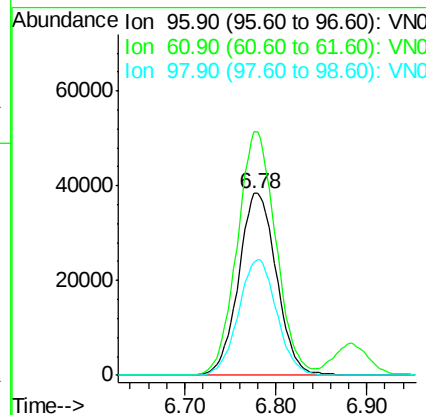
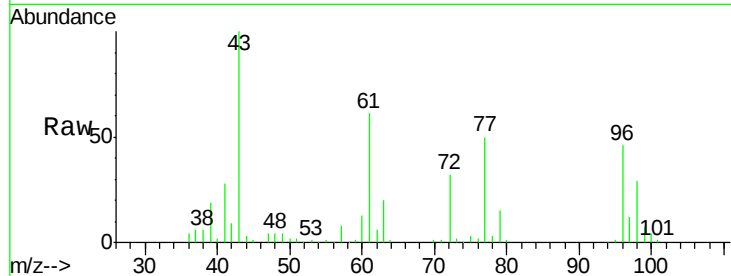
98 63.9 0.0 128.2

Manual Integrations

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#28

Bromochloromethane

Concen: 58.344 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN062015.D

Acq: 22 Jun 2020 21:56

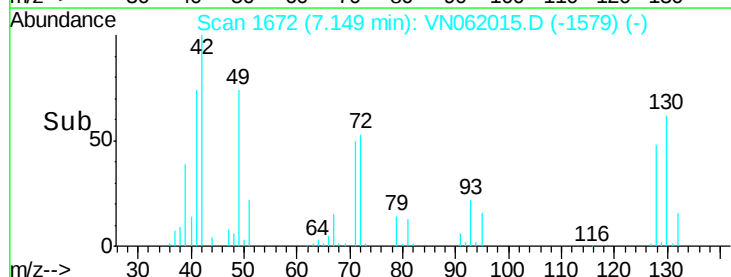
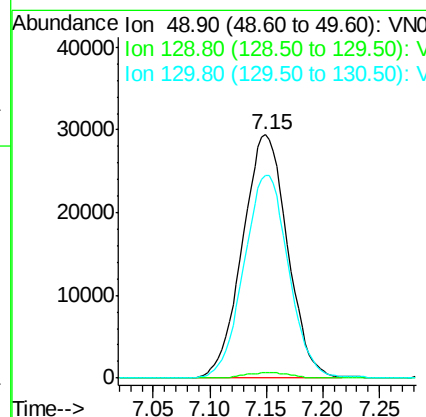
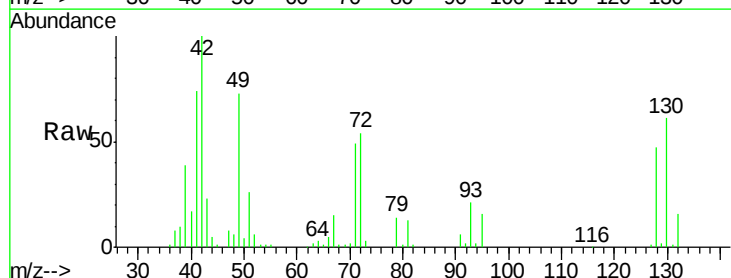
Tgt Ion: 49 Resp: 81505

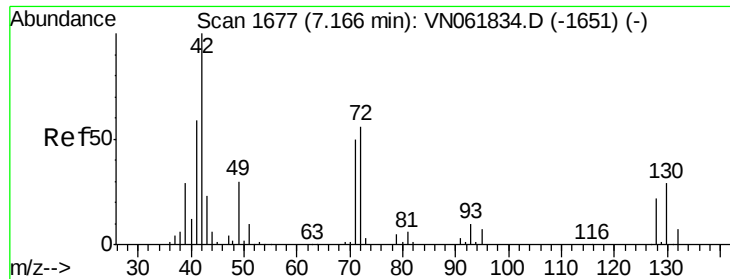
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.0

130 82.6 72.2 108.2





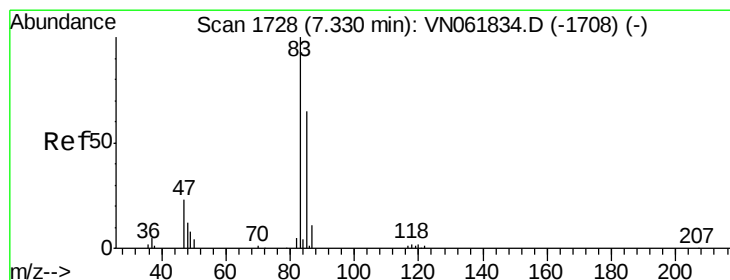
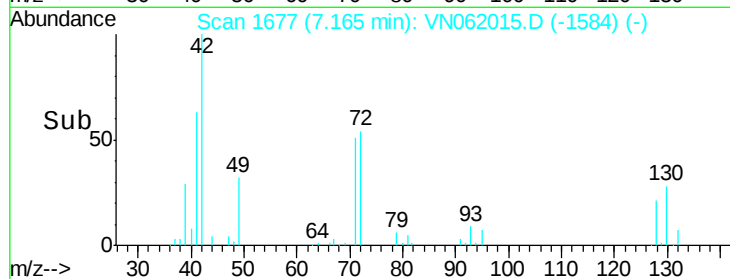
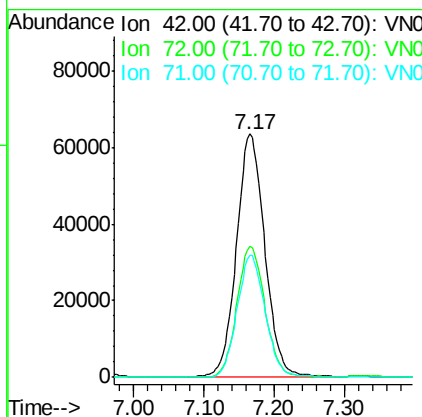
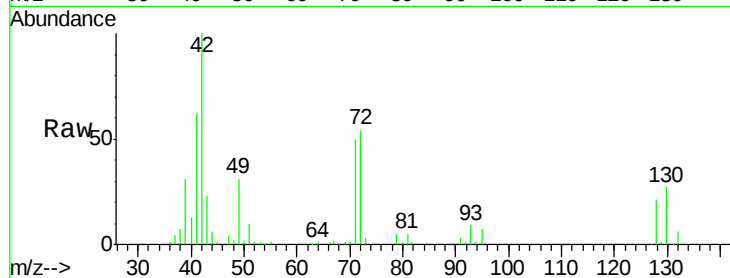
#29
Tetrahydrofuran
Concen: 303.082 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.0	44.0	66.0
71	49.3	40.0	60.0

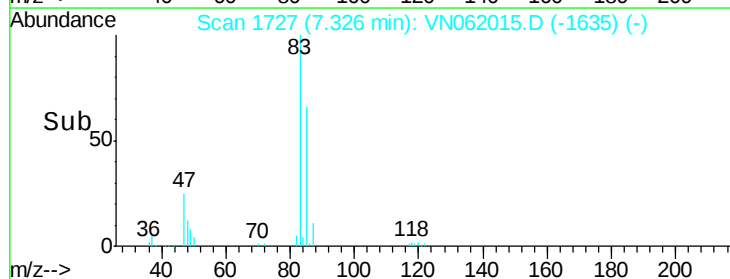
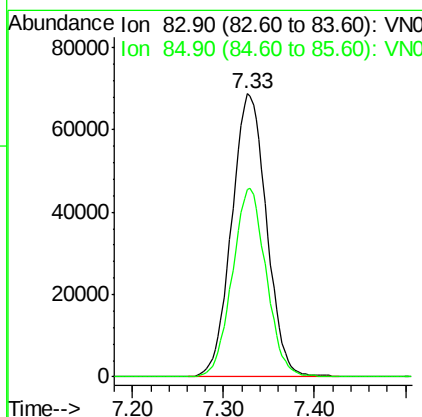
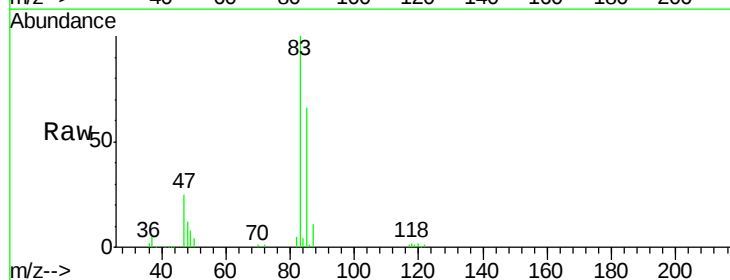
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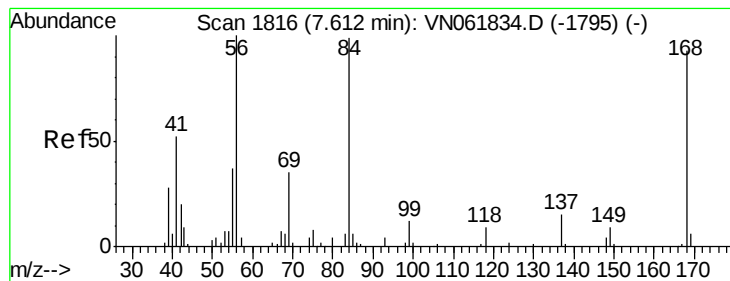
MMDadoda
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#30
Chloroform
Concen: 54.634 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	52.0	78.0





#31

Cyclohexane

Concen: 46.926 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062015.D

Acq: 22 Jun 2020 21:56

Instrument :

MSVOA_N

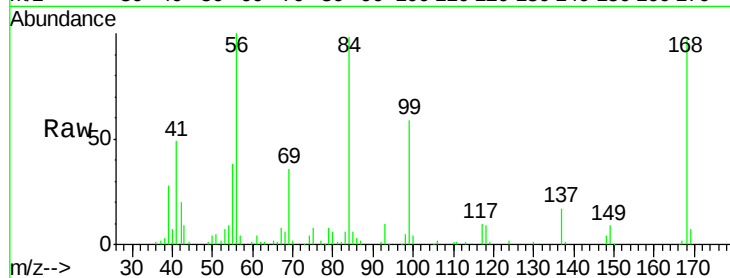
ClientSampleId :

VSTDCCC050

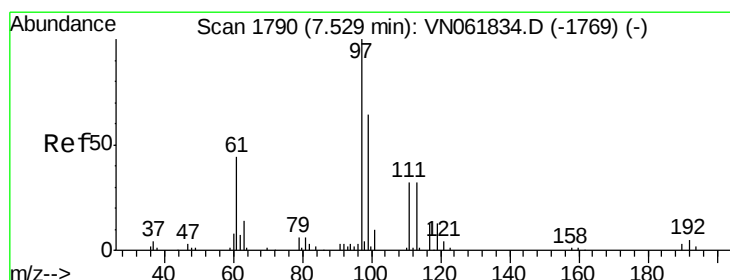
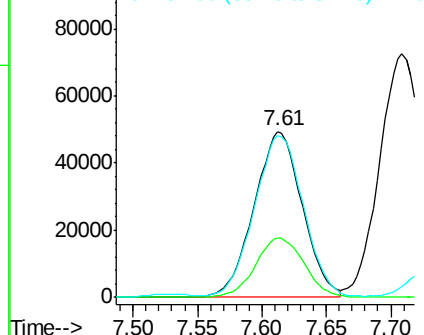
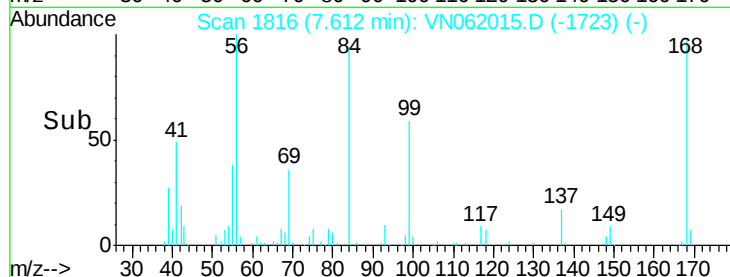
Tot Ion:	56	Resp:	128887
Ion	Ratio	Lower	Upper
56	100		
69	35.8	27.7	41.5
84	96.4	79.1	118.7

Manual Integrations
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Abundance Ion 56.00 (55.70 to 56.70): VN062015.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 54.017 ug/l

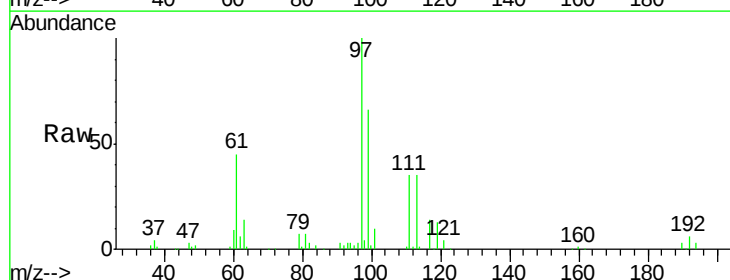
RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

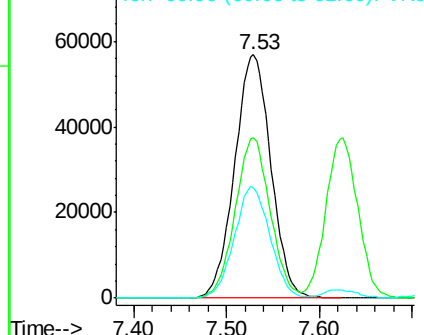
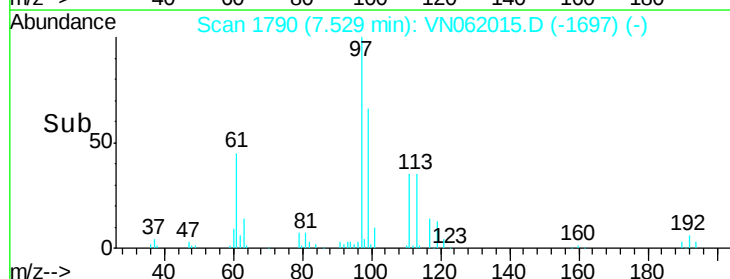
Lab File: VN062015.D

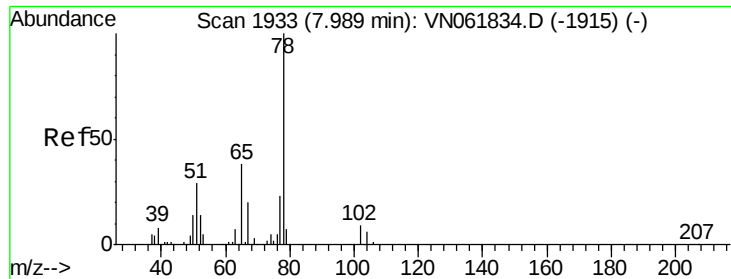
Acq: 22 Jun 2020 21:56

Tgt Ion:	97	Resp:	154256
Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.5	77.3
61	45.1	35.1	52.7



Abundance Ion 96.90 (96.60 to 97.60): VN062015.D (-1697) (-)





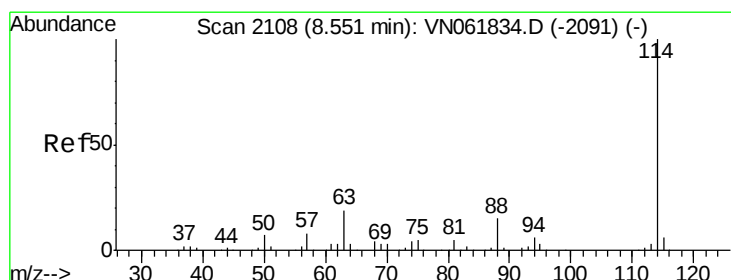
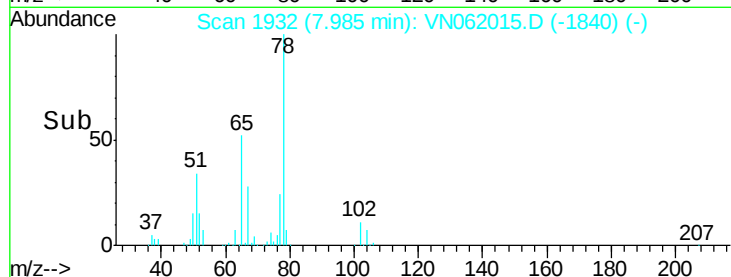
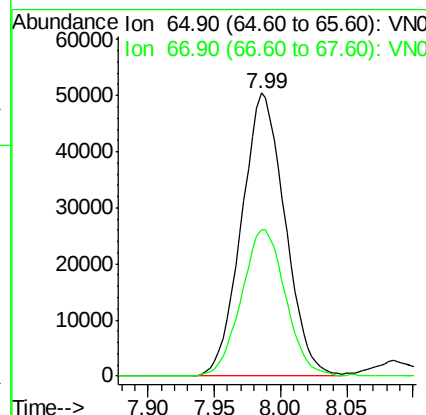
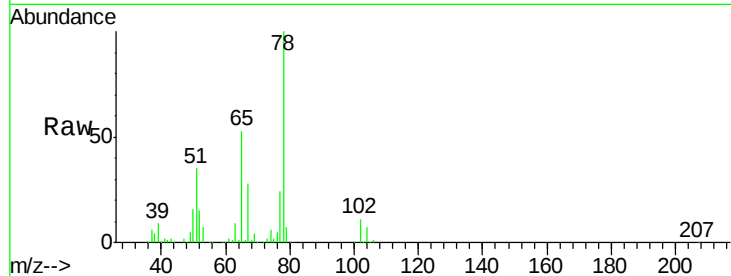
#33
 1,2-Dichloroethane-d4
 Concen: 55.293 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062015.D
 Acq: 22 Jun 2020 21:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.4	0.0	106.2	

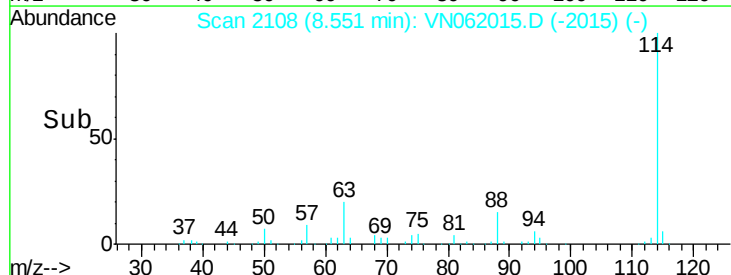
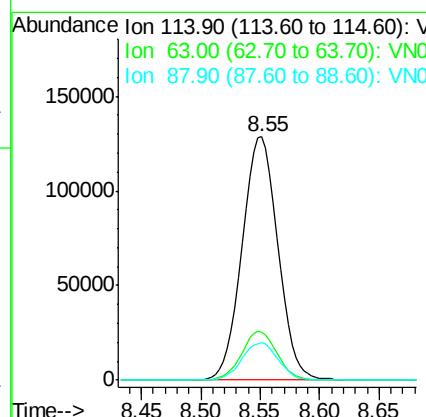
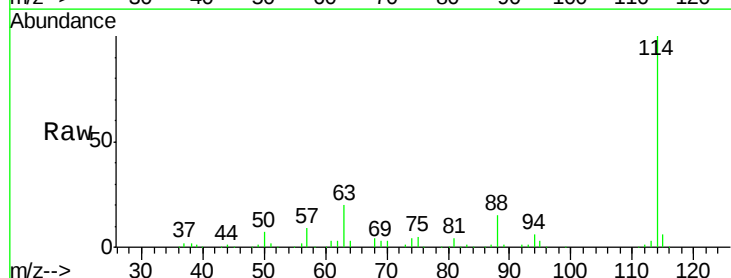
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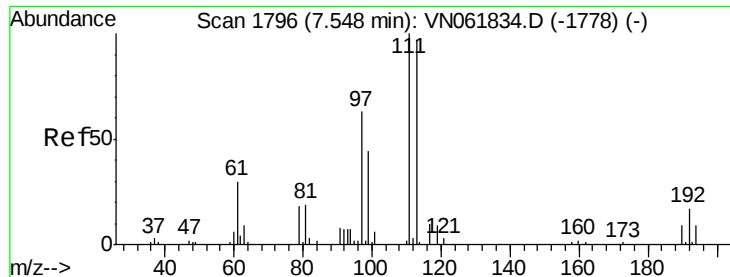
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062015.D
 Acq: 22 Jun 2020 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.6	0.0	37.6	
88	15.3	0.0	31.0	





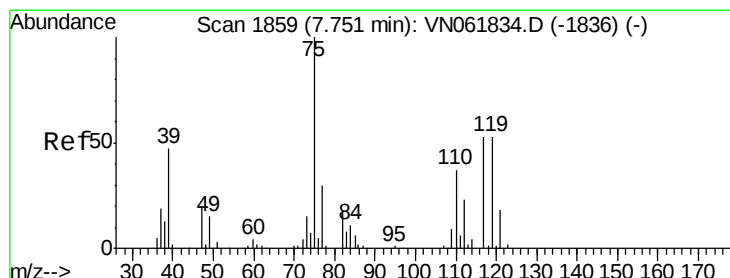
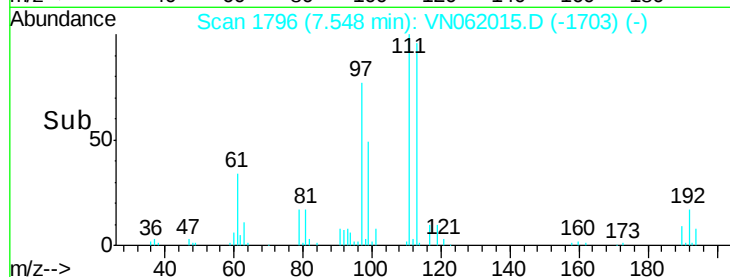
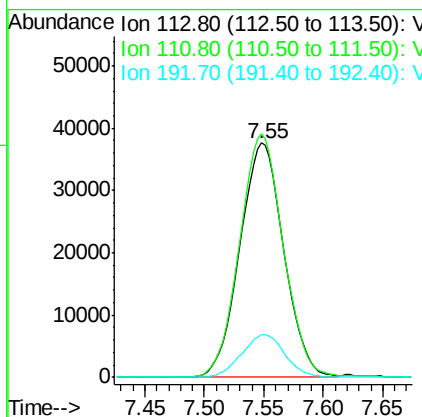
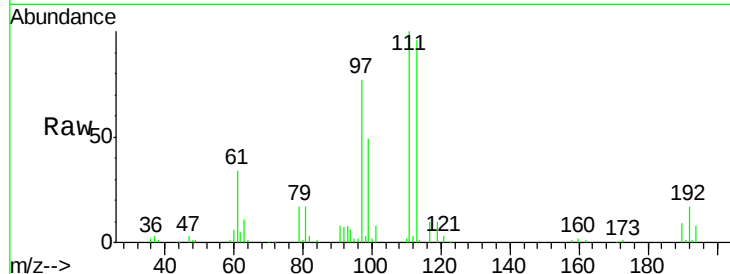
#35
 Dibromofluoromethane
 Concen: 56.008 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062015.D
 Acq: 22 Jun 2020 21:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.7	125.5
192	17.9	13.9	20.9

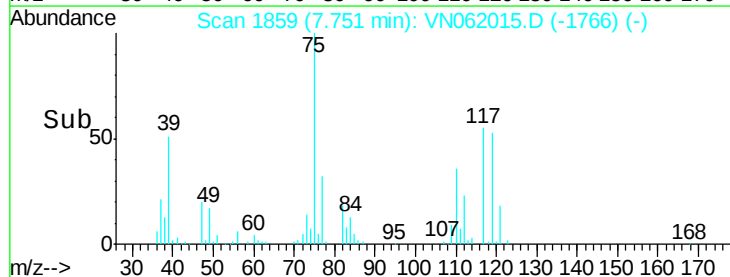
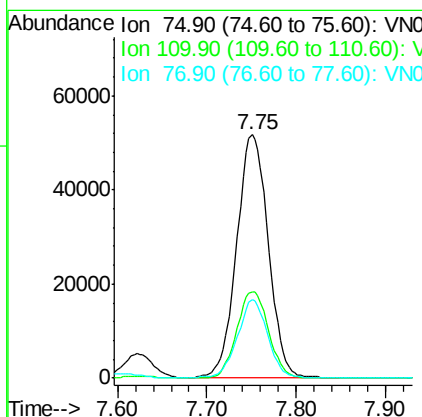
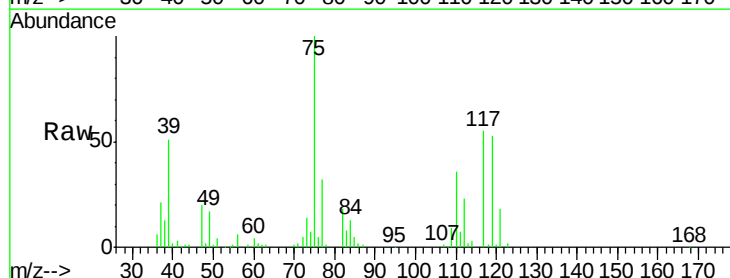
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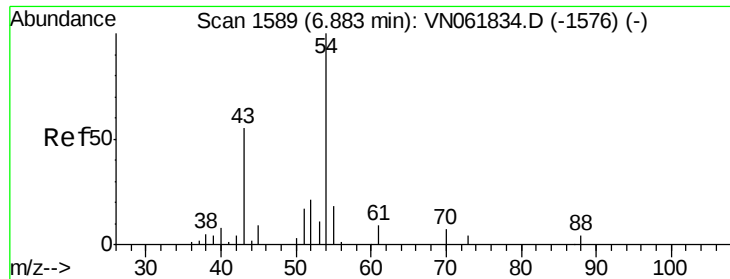
MMDadoda
 6/23/2020 12:47:23 PM



#36
 1,1-Dichloropropene
 Concen: 52.269 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062015.D
 Acq: 22 Jun 2020 21:56

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.6	18.2	54.6
77	30.9	24.2	36.4





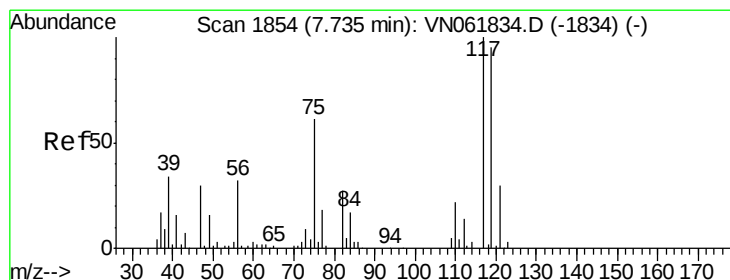
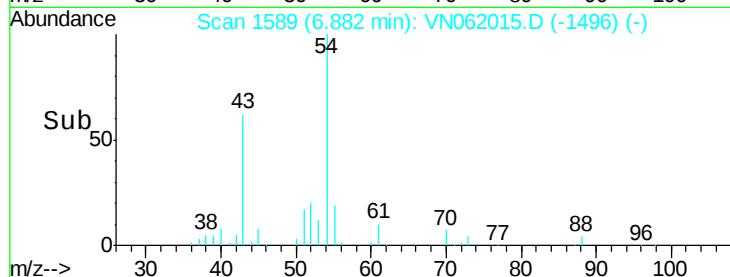
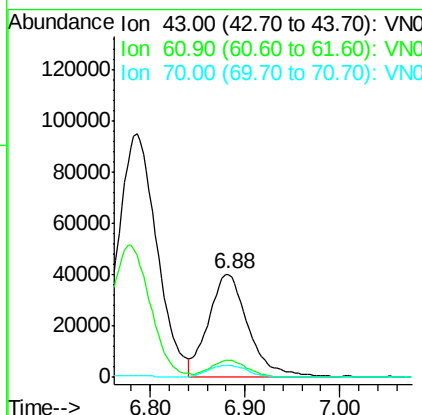
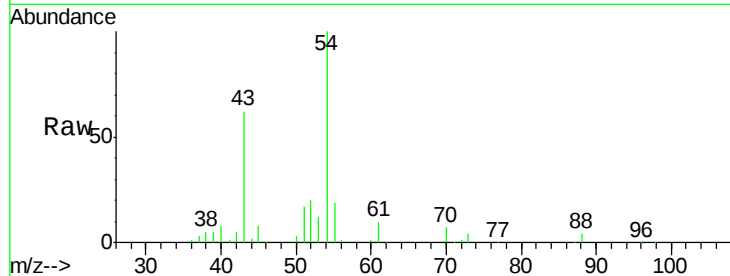
#37
Ethyl Acetate
Concen: 60.707 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.0	13.0	19.4
70	11.7	9.4	14.2

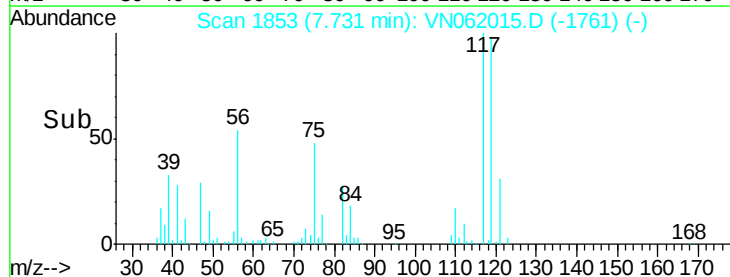
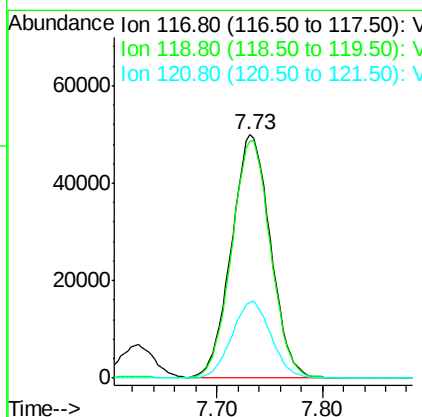
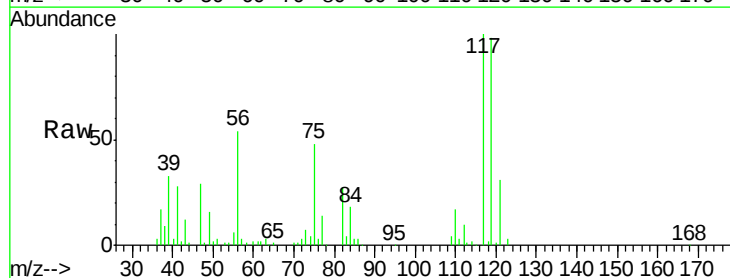
Manual Integrations
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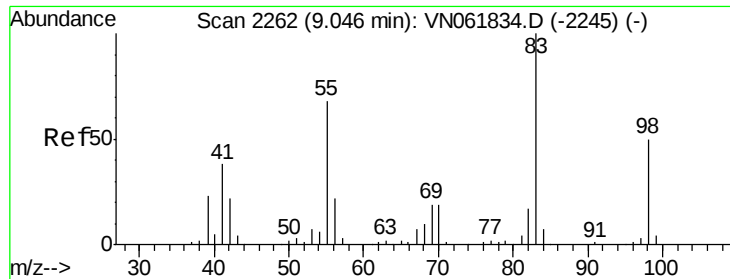
MMDadoda
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#38
Carbon Tetrachloride
Concen: 53.032 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	75.8	113.6
121	31.3	23.8	35.6





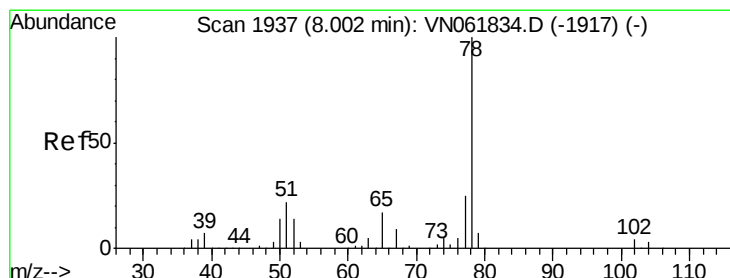
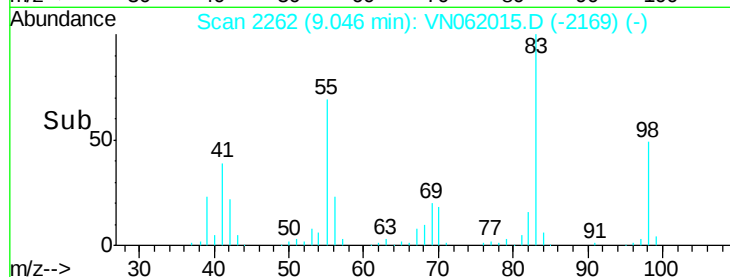
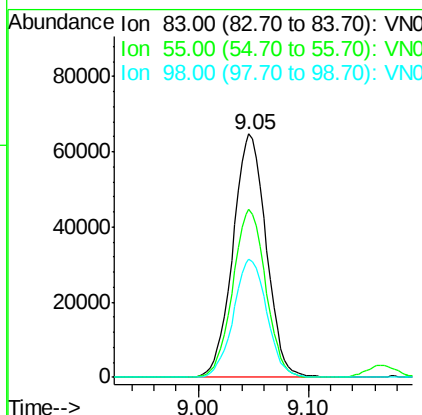
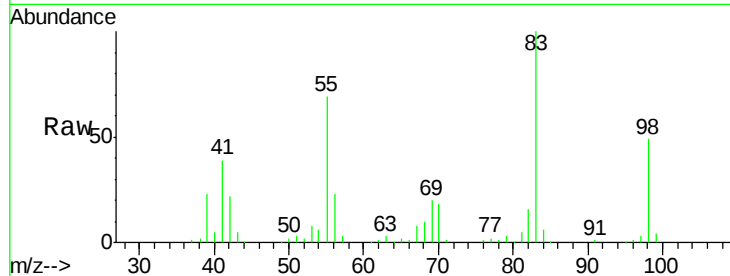
#39
Methvlcvclohexane
Concen: 51.323 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.8	54.2	81.4
98	48.5	39.8	59.6

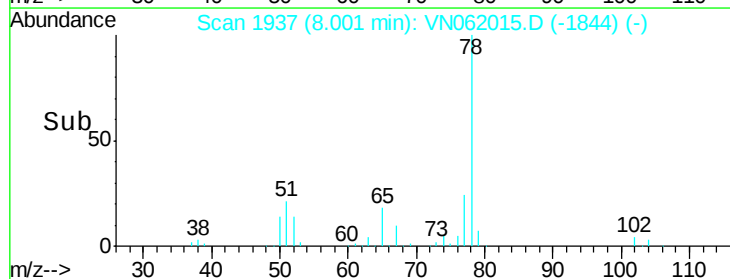
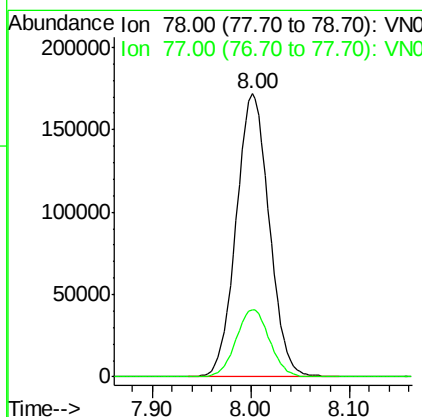
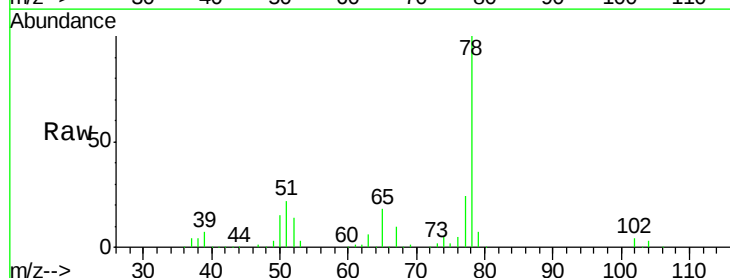
Manual Integrations
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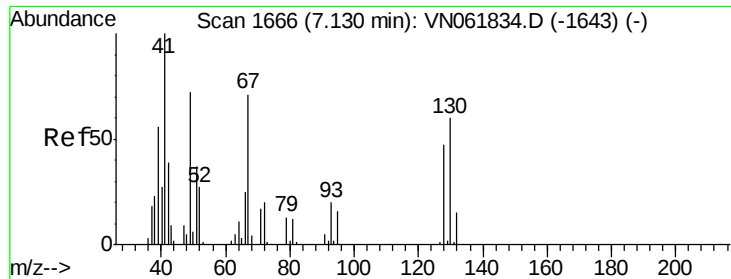
MMDadoda
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#40
Benzene
Concen: 53.928 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.7	29.5





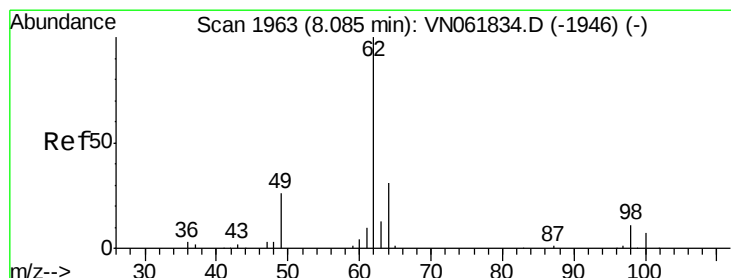
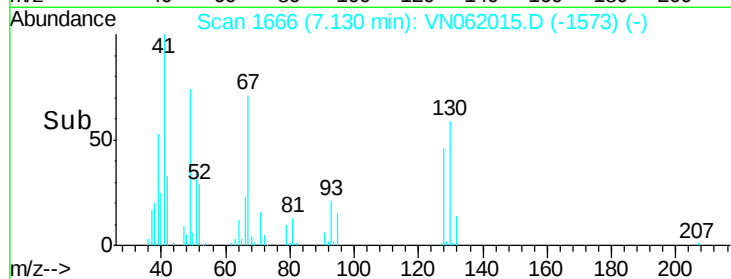
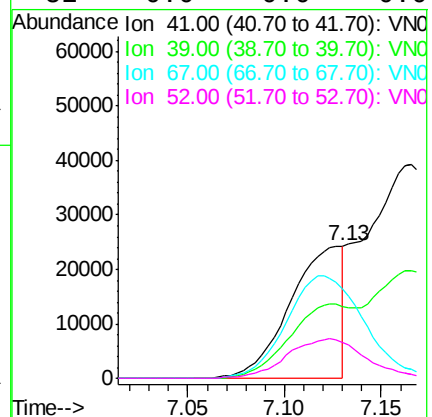
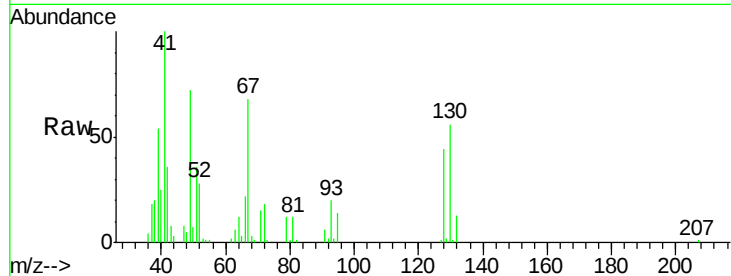
#41
Methacrylonitrile
Concen: 56.433 ug/l m
RT: 7.13 min Scan# 1666
Delta R.T. -0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	46139
Ion Ratio	Lower	Upper	
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

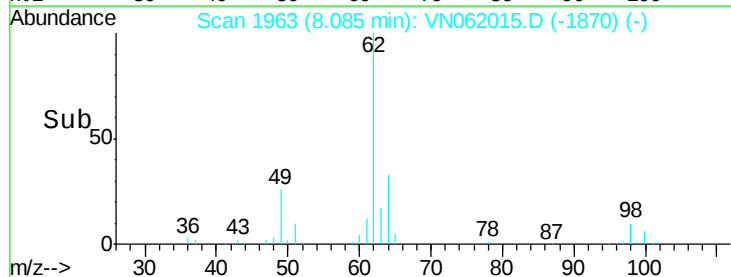
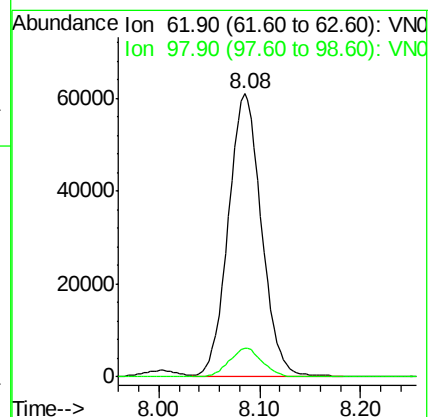
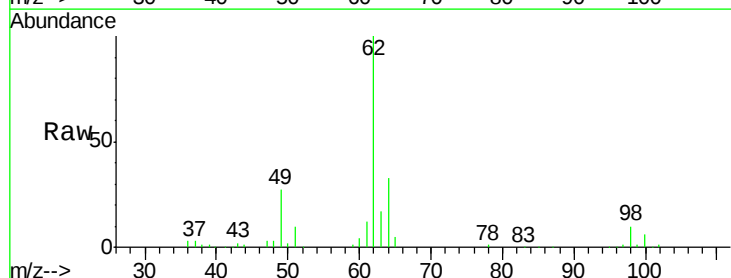
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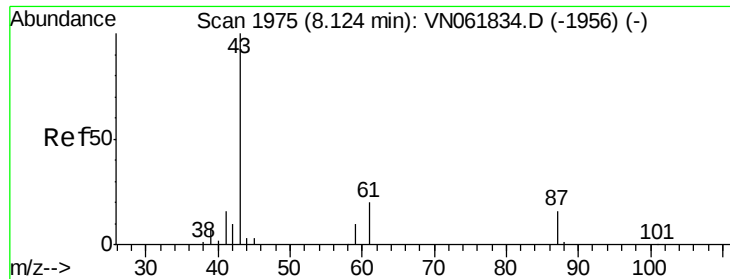
MMDadoda
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#42
1,2-Dichloroethane
Concen: 55.258 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

Tgt Ion	62	Resp	139744
Ion Ratio	Lower	Upper	
62	100		
98	10.0	0.0	20.4





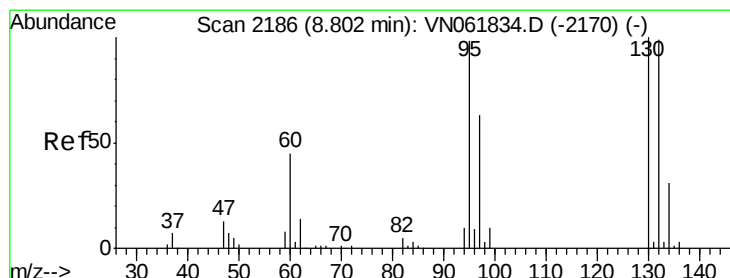
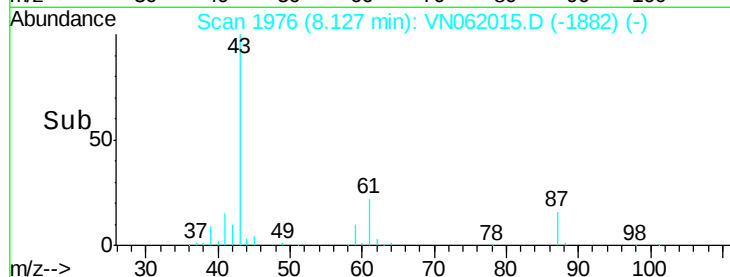
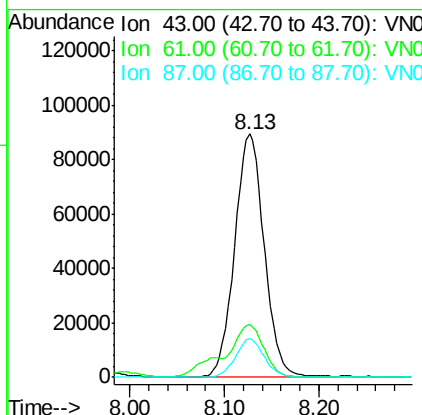
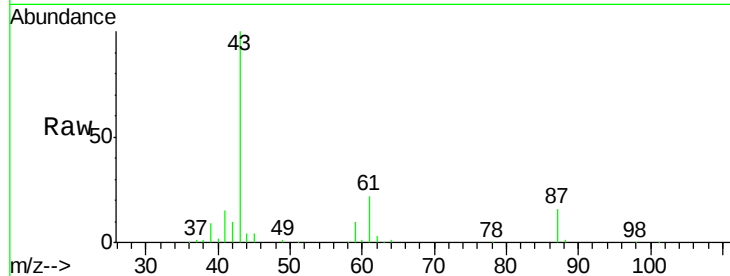
#43
Isopropyl Acetate
Concen: 60.335 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.8	24.0	36.0#
87	15.4	12.5	18.7

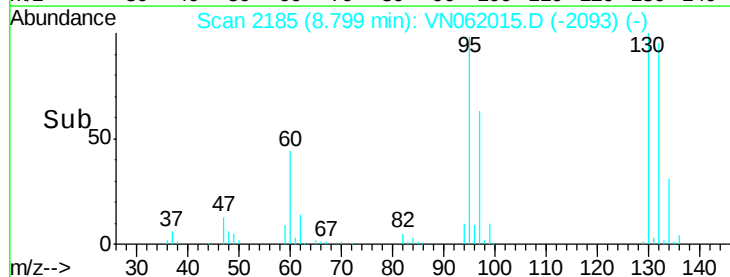
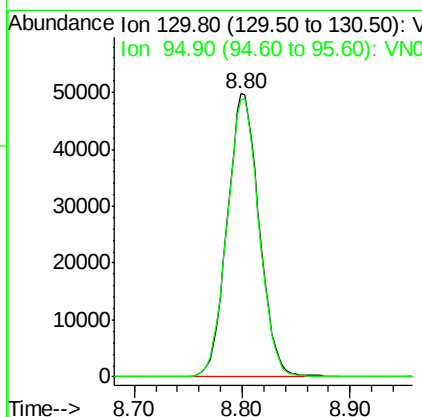
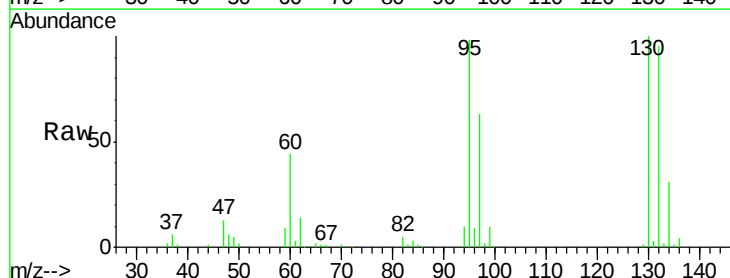
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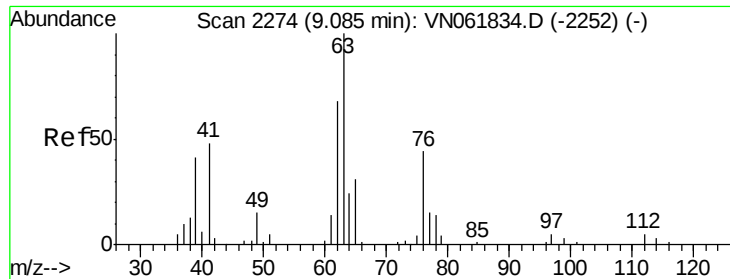
MMDadoda
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#44
Trichloroethene
Concen: 52.500 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.0	0.0	195.6





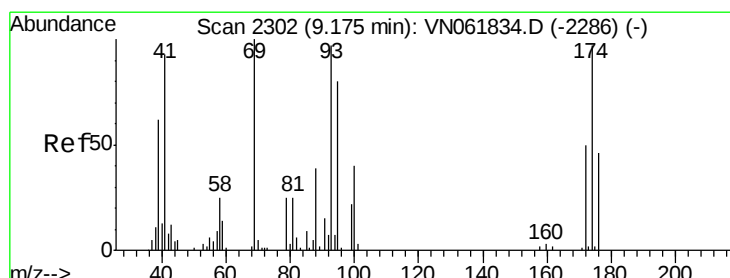
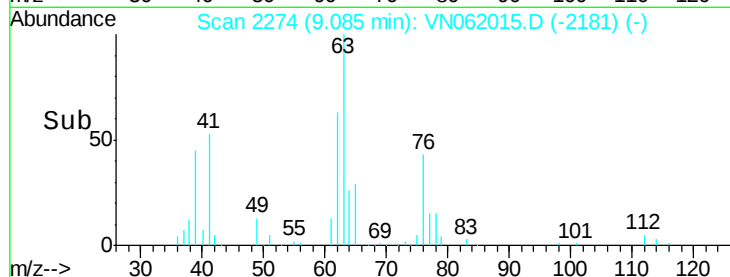
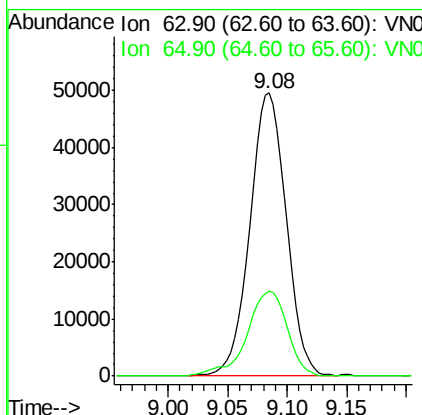
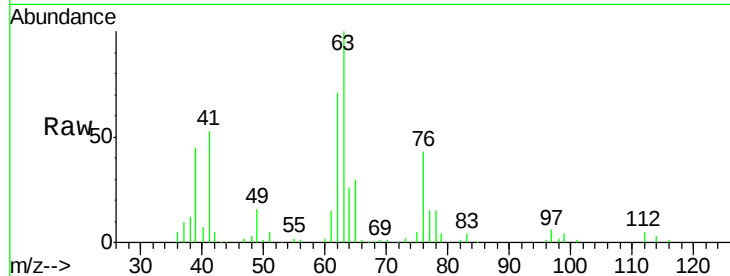
#45
 1,2-Dichloropropane
 Concen: 57.592 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062015.D
 Acq: 22 Jun 2020 21:56

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion: 63 Resp: 104973
 Ion Ratio Lower Upper
 63 100
 65 30.0 25.1 37.7

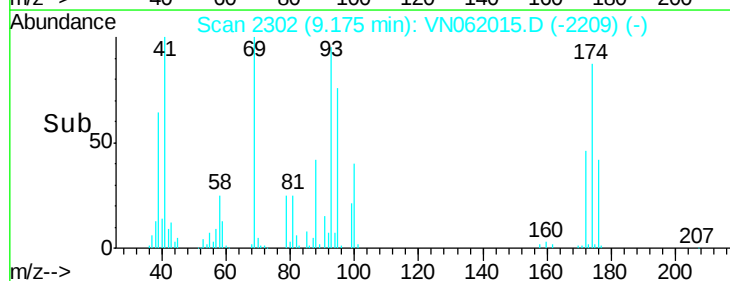
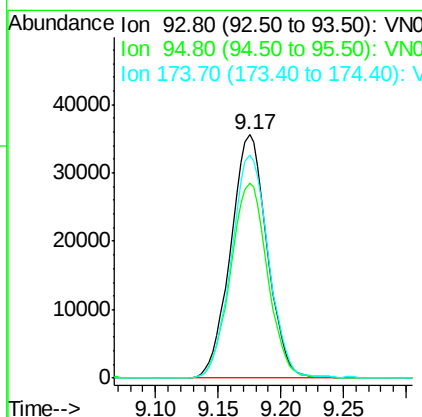
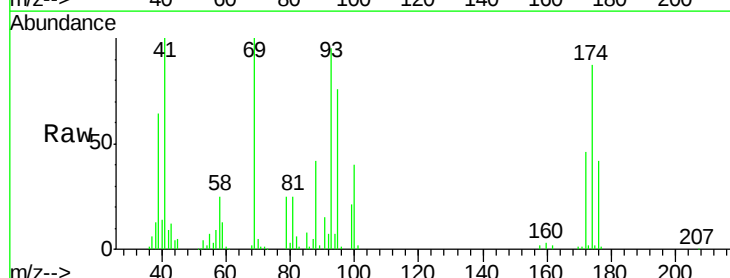
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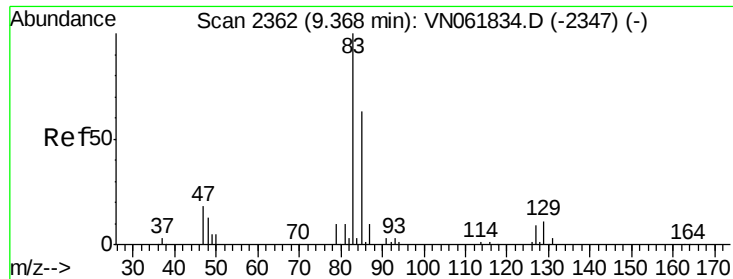
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#46
 Dibromomethane
 Concen: 55.984 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062015.D
 Acq: 22 Jun 2020 21:56

Tgt Ion: 93 Resp: 71857
 Ion Ratio Lower Upper
 93 100
 95 81.4 65.8 98.6
 174 93.1 78.5 117.7





#47

Bromodichloromethane

Concen: 56.134 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN062015.D

Acq: 22 Jun 2020 21:56

Instrument :

MSVOA_N

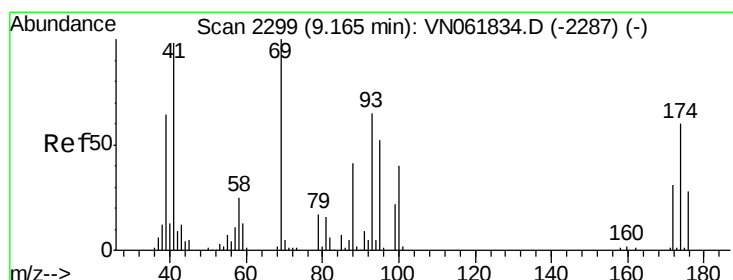
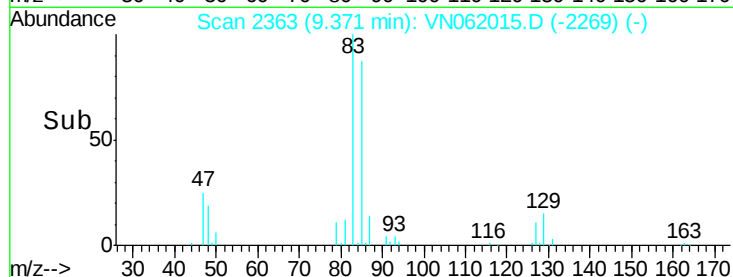
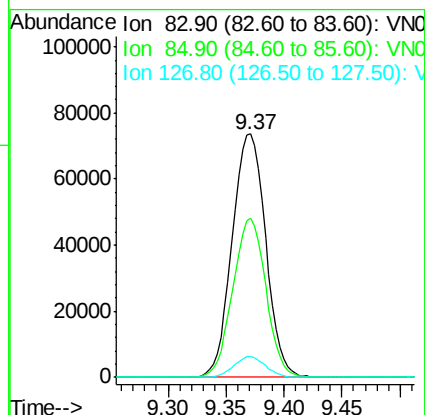
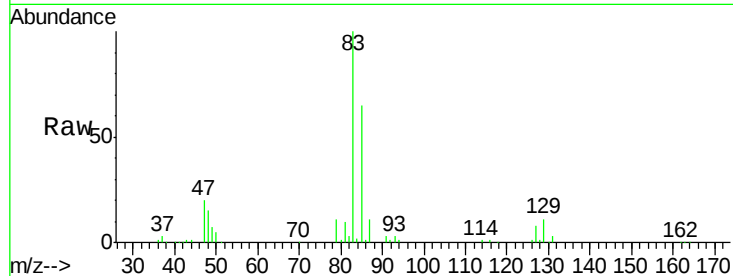
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	147532
Ion	Ratio	Lower	Upper
83	100		
85	65.2	50.8	76.2
127	8.5	7.0	10.4

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#48

Methyl methacrylate

Concen: 59.661 ug/l

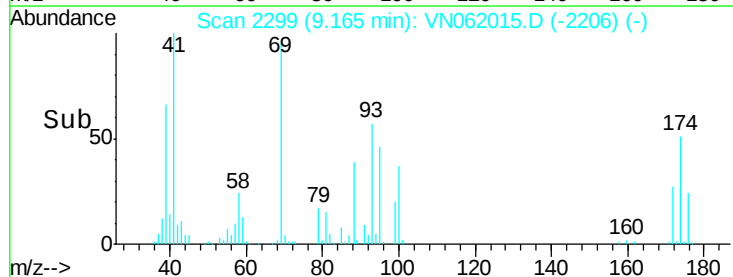
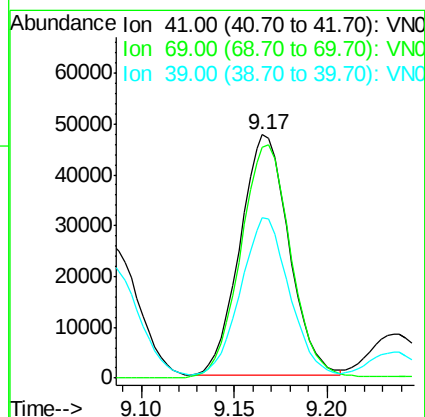
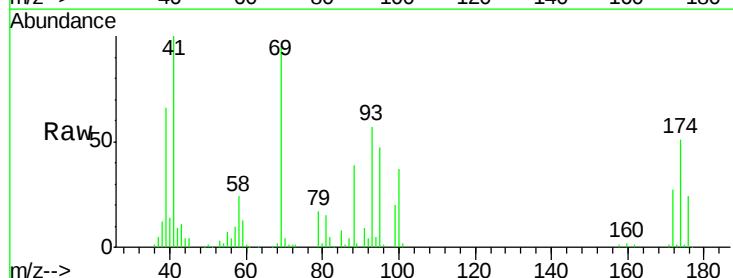
RT: 9.17 min Scan# 2299

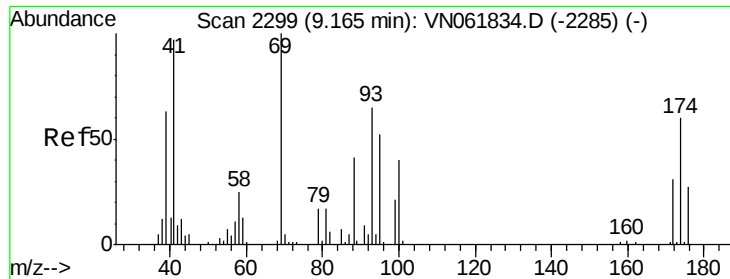
Delta R.T. -0.00 min

Lab File: VN062015.D

Acq: 22 Jun 2020 21:56

Tgt Ion:	41	Resp:	87422
Ion	Ratio	Lower	Upper
41	100		
69	99.9	83.0	124.4
39	66.8	55.1	82.7





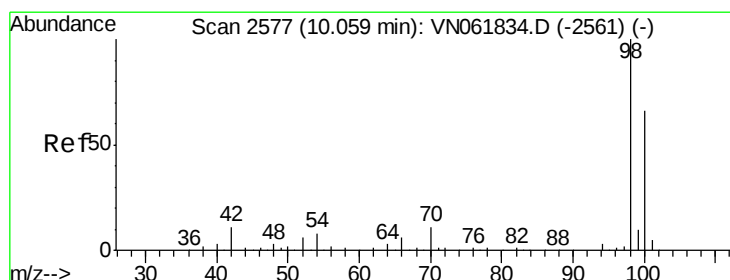
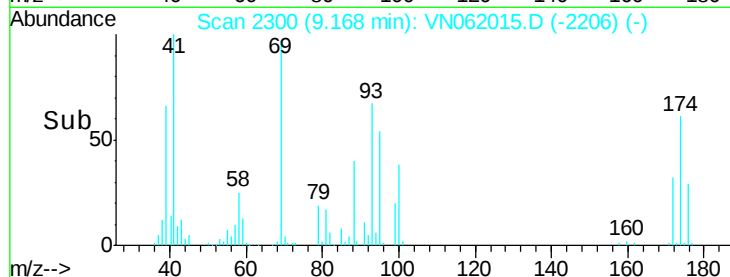
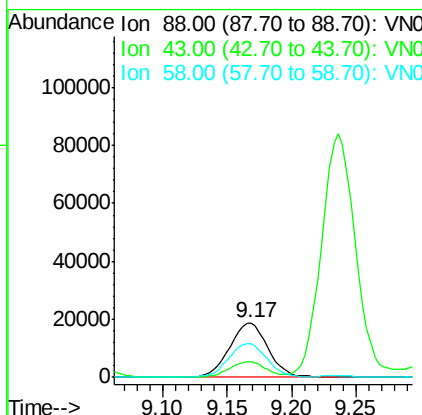
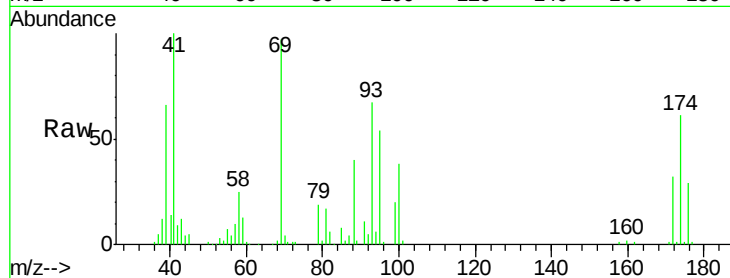
#49
1,4-Dioxane
Concen: 1159.233 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	38999
Ion	Ratio	Lower	Upper
88	100		
43	27.7	23.4	35.2
58	61.9	49.8	74.6

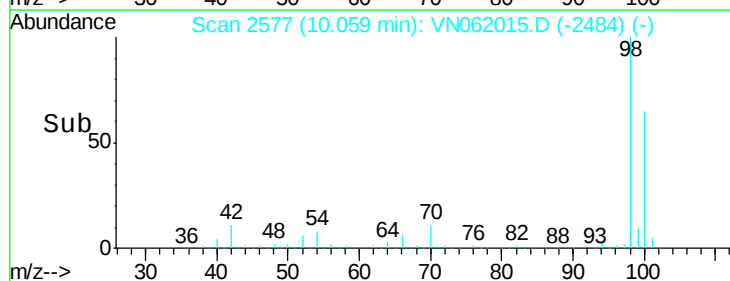
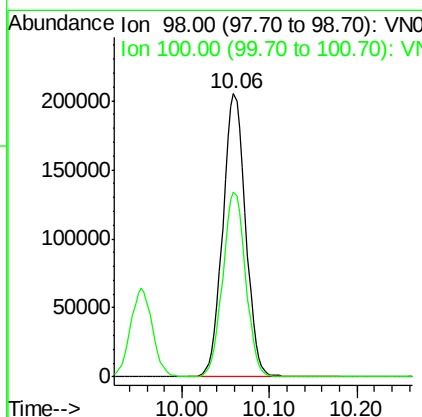
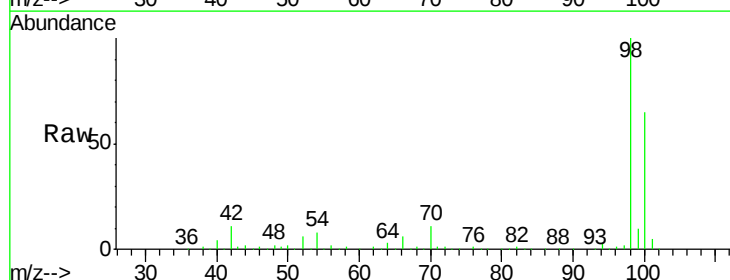
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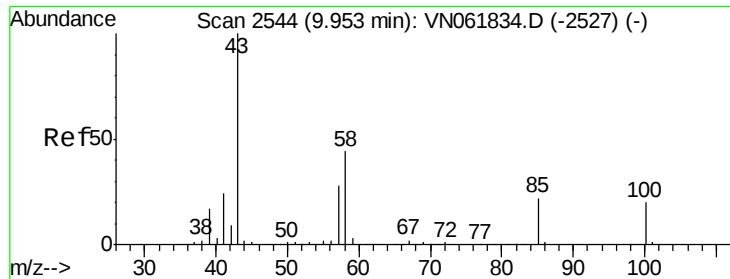
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#50
Toluene-d8
Concen: 54.889 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

Tgt Ion	98	Resp	370583
Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.7	79.1





#51

4-Methyl-2-Pentanone

Concen: 311.667 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062015.D

Acq: 22 Jun 2020 21:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 593441

Ion Ratio Lower Upper

43 100

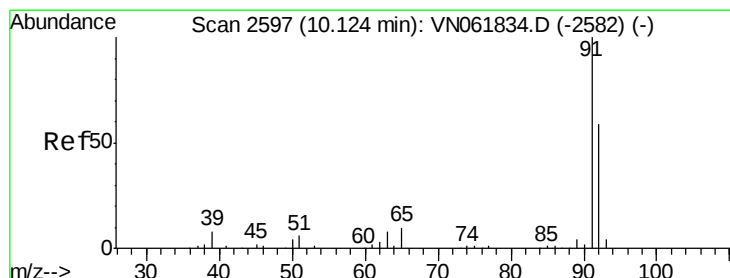
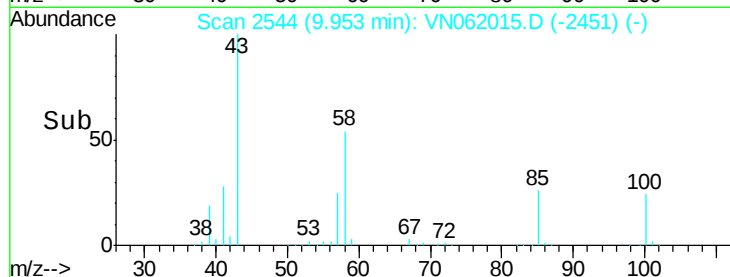
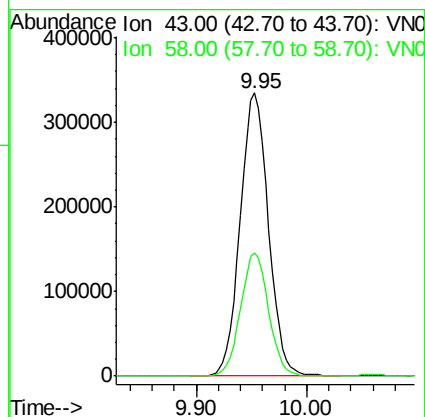
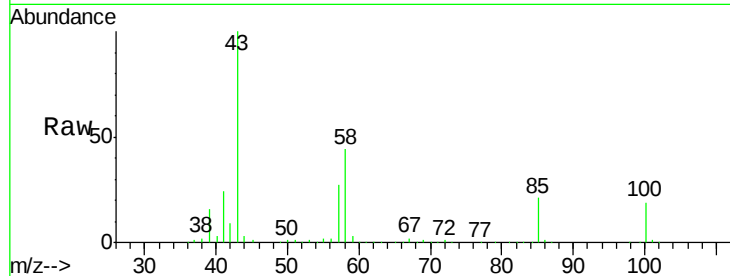
58 43.1 34.6 52.0

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#52

Toluene

Concen: 56.165 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062015.D

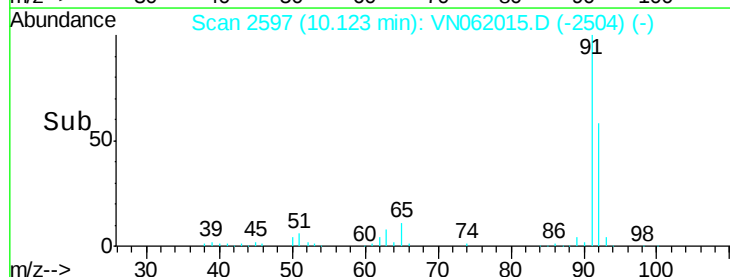
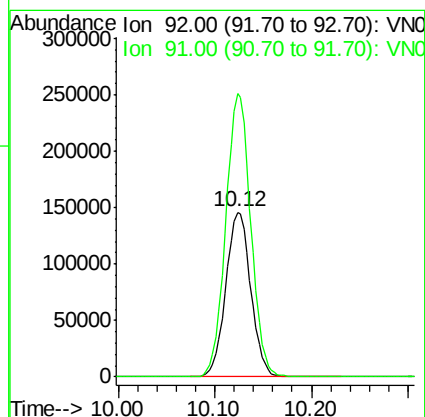
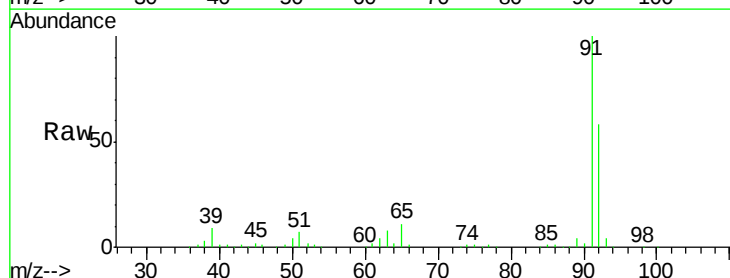
Acq: 22 Jun 2020 21:56

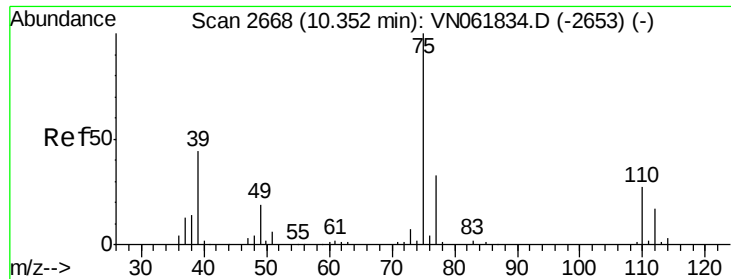
Tgt Ion: 92 Resp: 261617

Ion Ratio Lower Upper

92 100

91 171.9 137.1 205.7





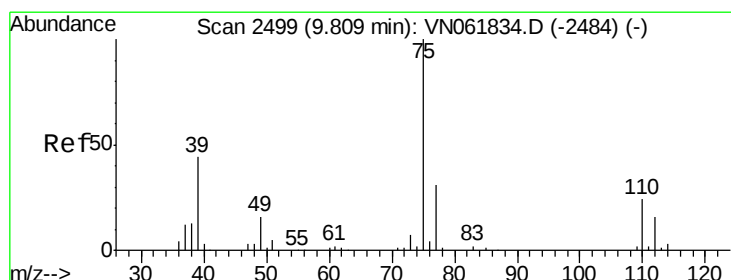
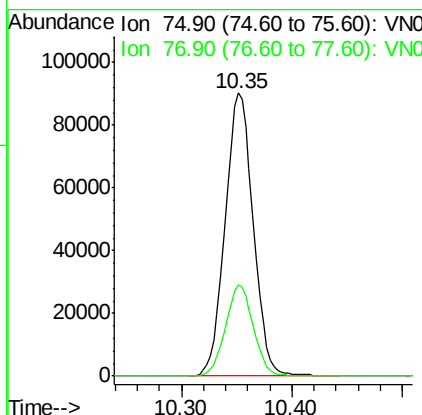
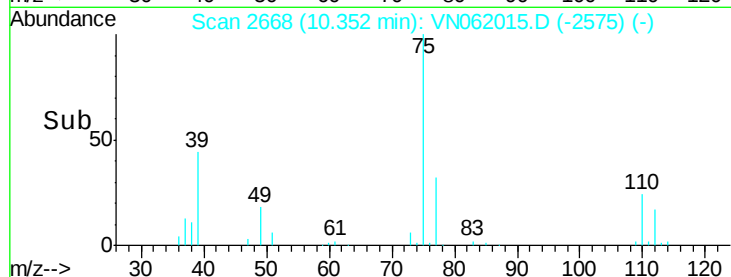
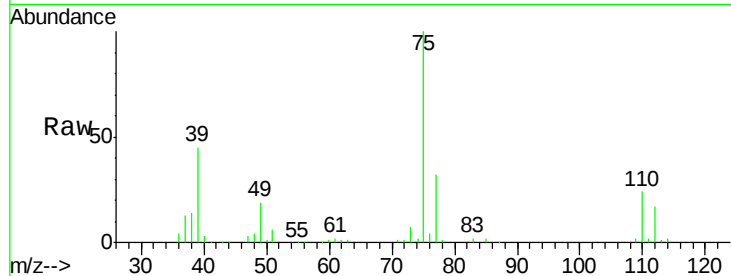
#53
t-1,3-Dichloropropene
Concen: 57.029 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 159116
Ion Ratio Lower Upper
75 100
77 32.2 26.3 39.5

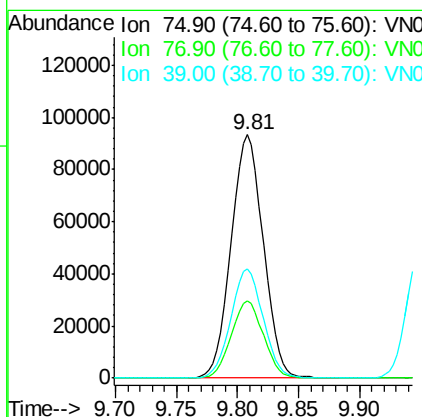
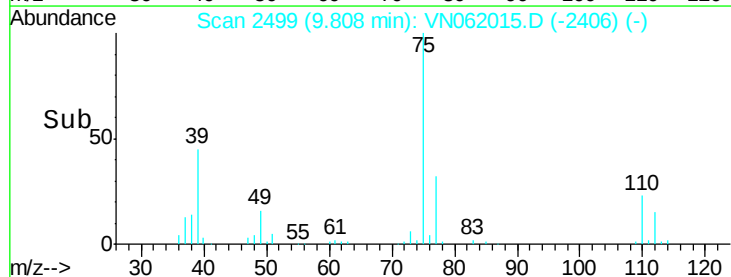
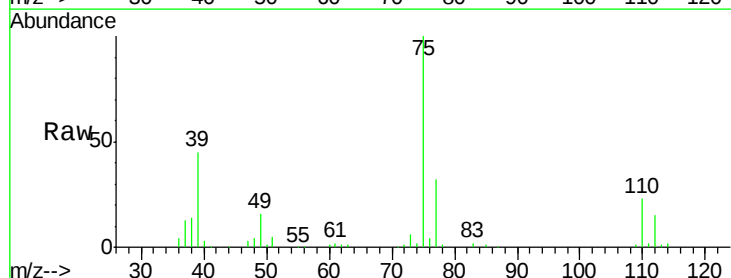
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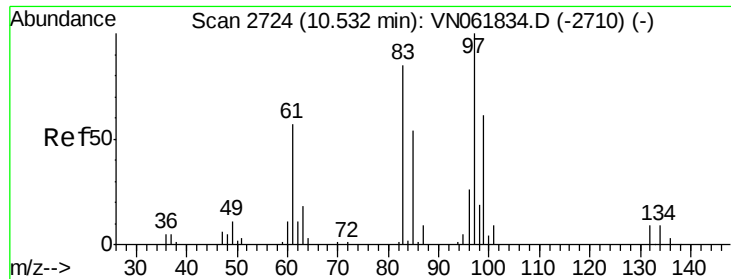
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#54
cis-1,3-Dichloropropene
Concen: 56.667 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

Tgt Ion: 75 Resp: 171727
Ion Ratio Lower Upper
75 100
77 31.9 24.8 37.2
39 45.1 35.4 53.0





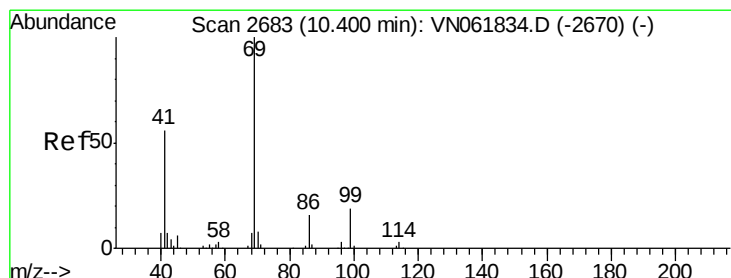
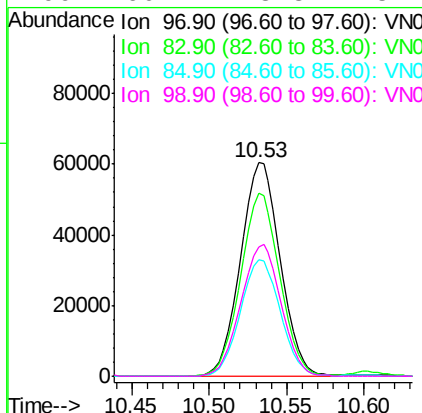
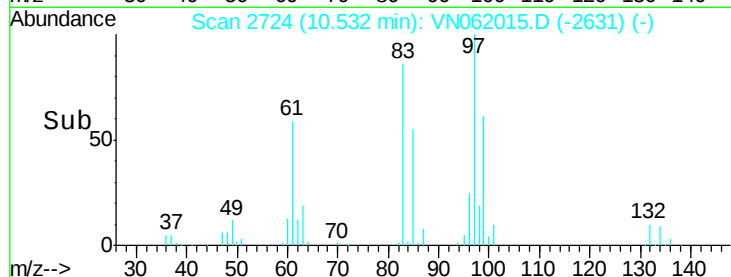
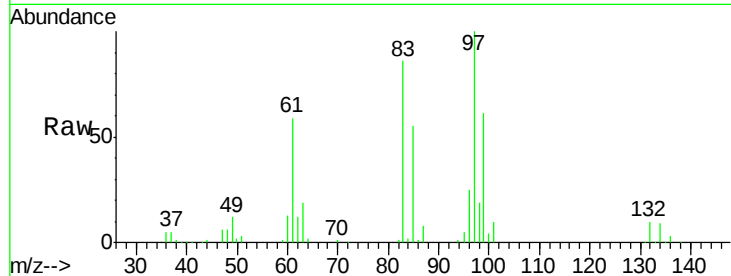
#55
 1,1,2-Trichloroethane
 Concen: 58.989 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062015.D
 Acq: 22 Jun 2020 21:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	108109
Ion	Ratio	Lower	Upper
97	100		
83	85.7	67.7	101.5
85	54.7	43.4	65.0
99	60.7	48.8	73.2

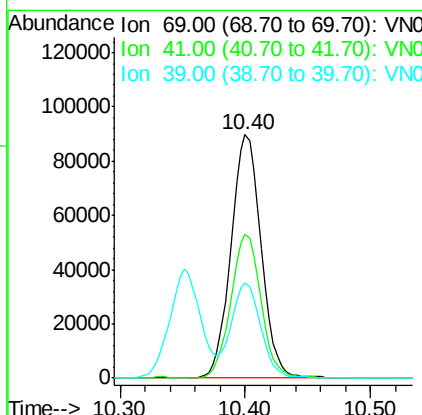
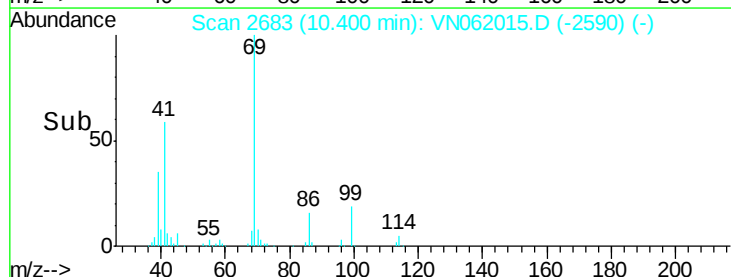
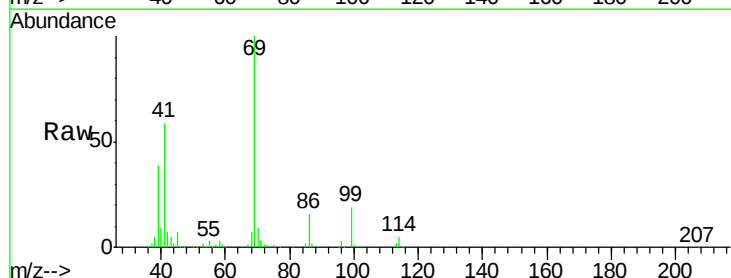
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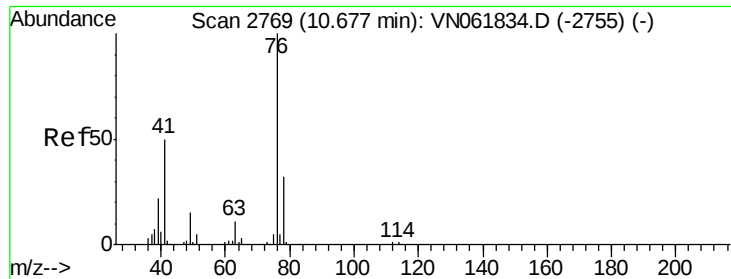
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#56
 Ethyl methacrylate
 Concen: 53.366 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062015.D
 Acq: 22 Jun 2020 21:56

Tgt Ion:	69	Resp:	149975
Ion	Ratio	Lower	Upper
69	100		
41	58.5	44.9	67.3
39	37.9	30.0	45.0





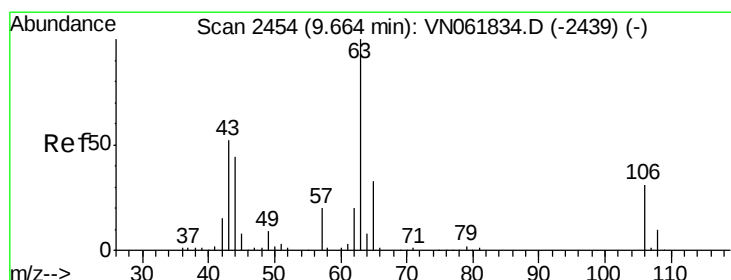
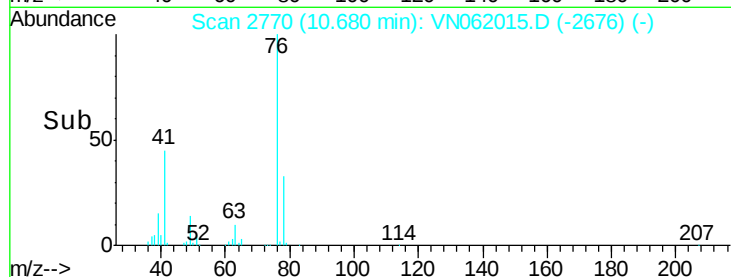
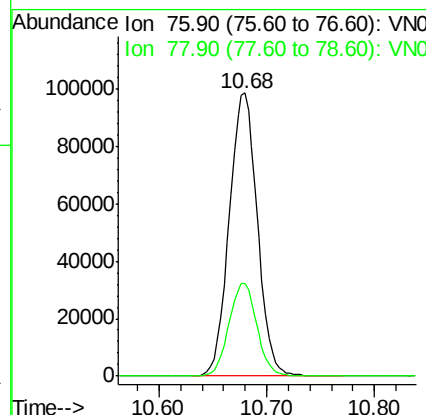
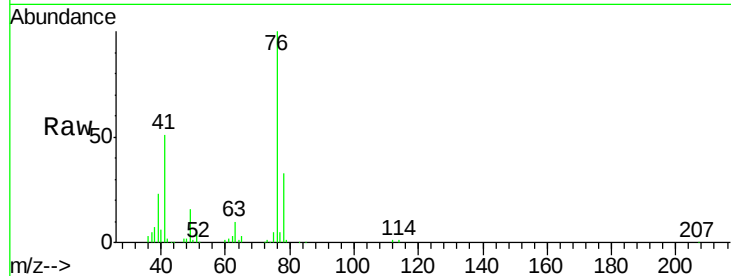
#57
 1,3-Dichloropropane
 Concen: 57.599 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN062015.D
 Acq: 22 Jun 2020 21:56

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.8	38.8

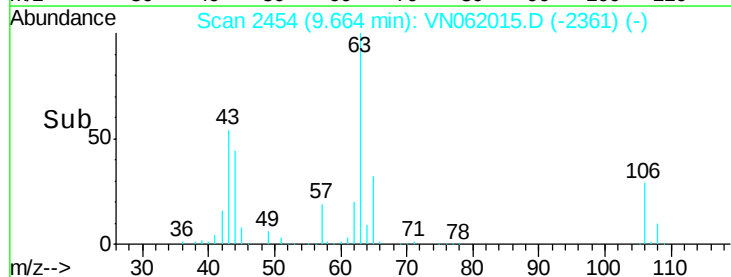
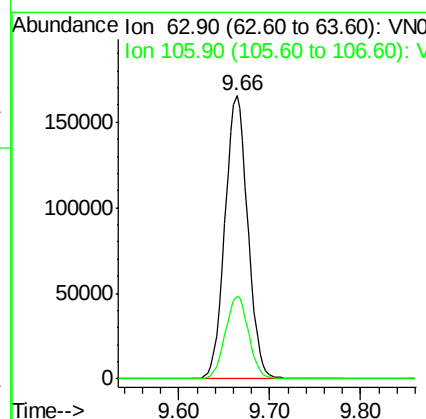
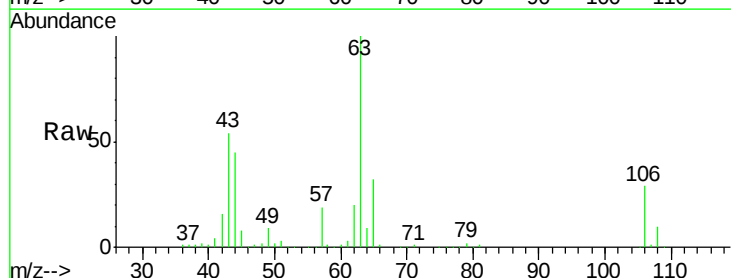
Manual Integrations
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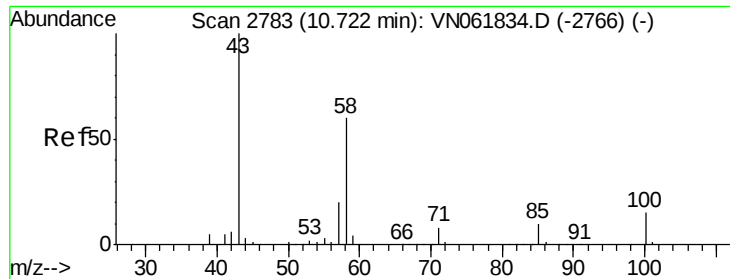
MMDadoda
 6/23/2020 12:47:23 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 298.764 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062015.D
 Acq: 22 Jun 2020 21:56

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.7	24.6	36.8





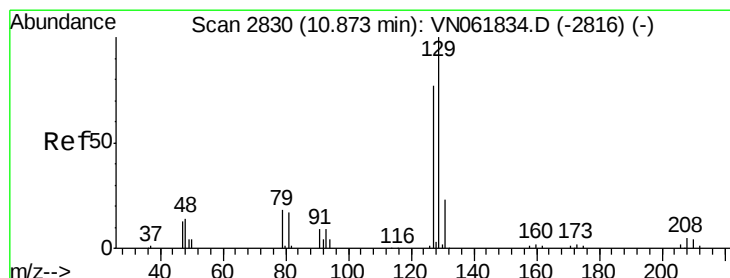
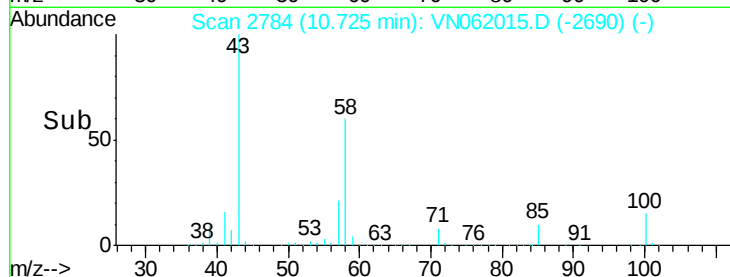
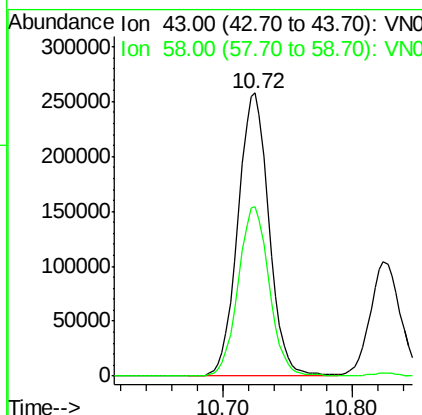
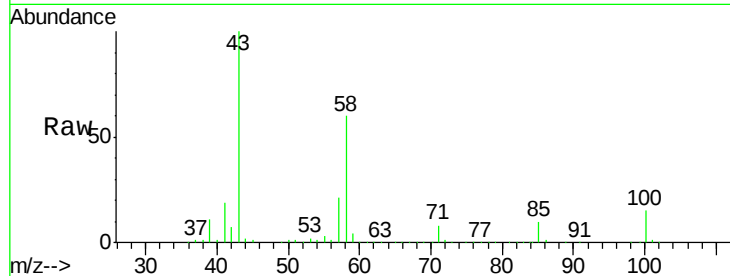
#59
2-Hexanone
Concen: 282.441 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 43 Resp: 432445
Ion Ratio Lower Upper
43 100
58 59.9 30.1 90.5

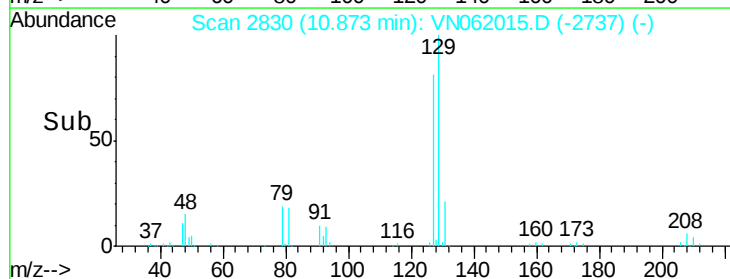
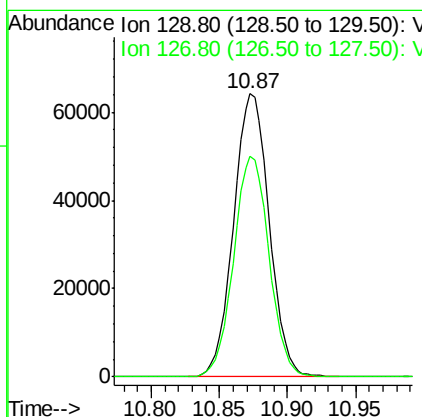
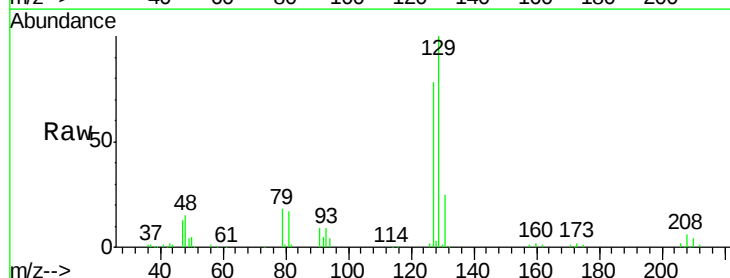
Manual Integrations
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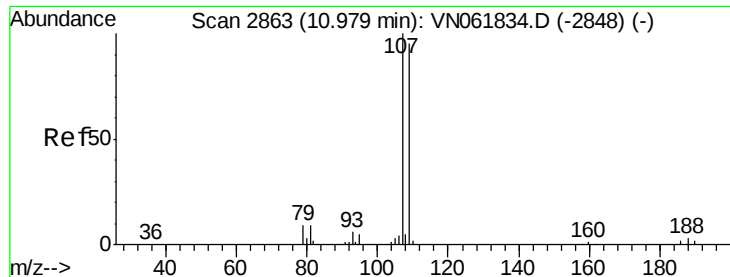
MMDadoda
6/23/2020 12:47:23 PM



#60
Dibromochloromethane
Concen: 56.902 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

Tgt Ion: 129 Resp: 116366
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5





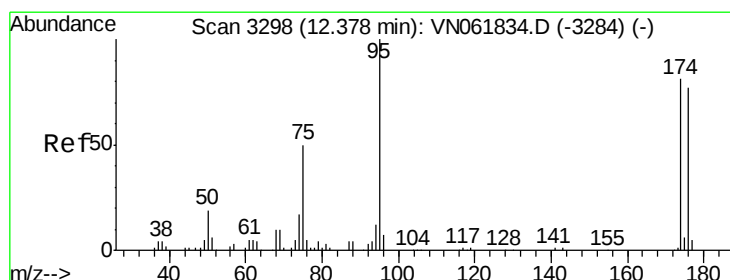
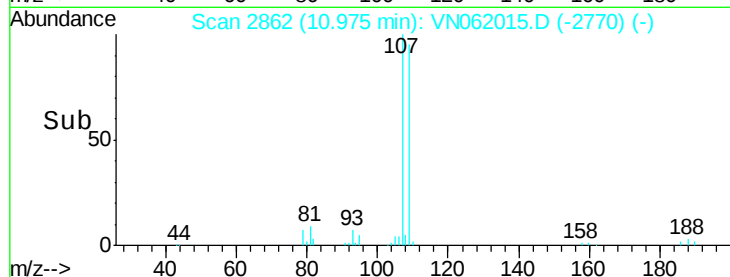
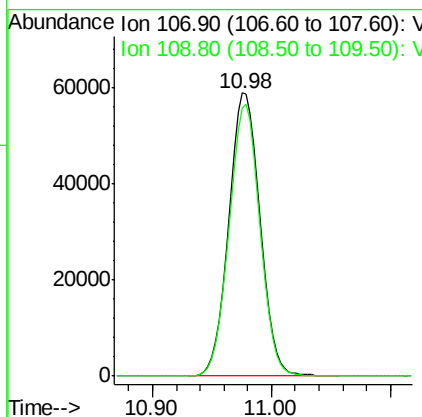
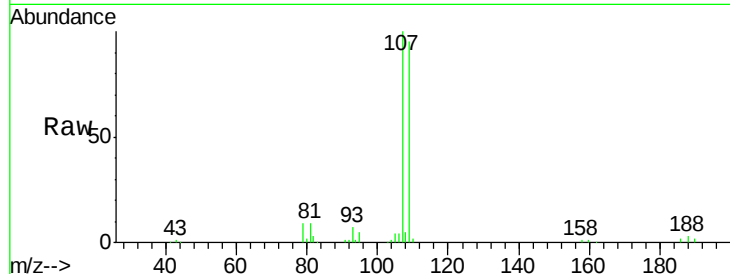
#61
 1,2-Dibromoethane
 Concen: 56.094 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062015.D
 Acq: 22 Jun 2020 21:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 107348
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.0 112.6

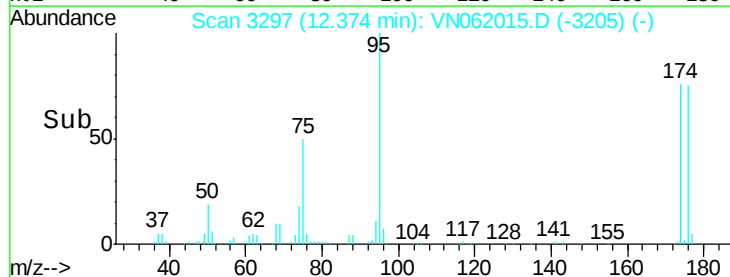
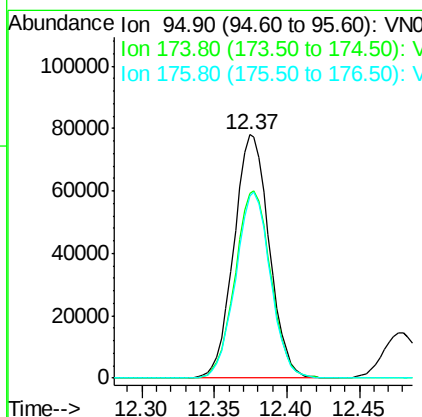
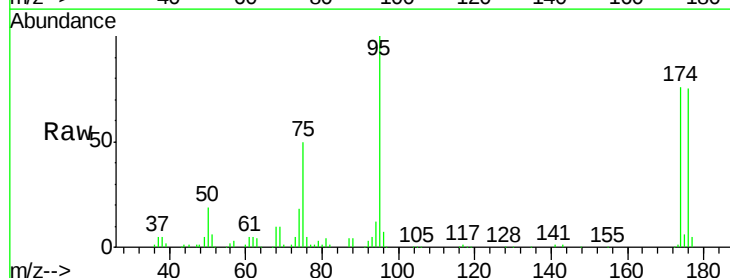
Manual Integrations
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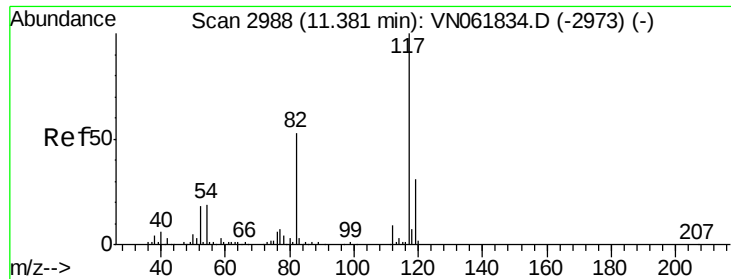
MMDadoda
 6/23/2020 12:47:23 PM



#62
 4-Bromofluorobenzene
 Concen: 56.950 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062015.D
 Acq: 22 Jun 2020 21:56

Tgt Ion: 95 Resp: 131888
 Ion Ratio Lower Upper
 95 100
 174 78.0 0.0 158.6
 176 75.3 0.0 152.0





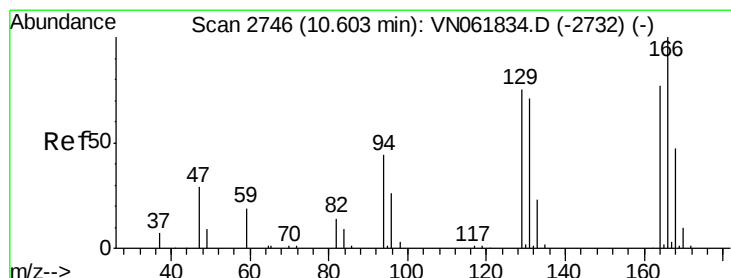
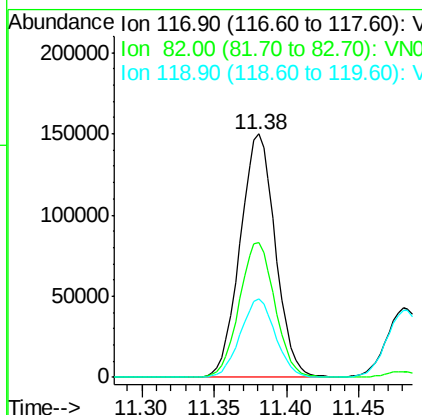
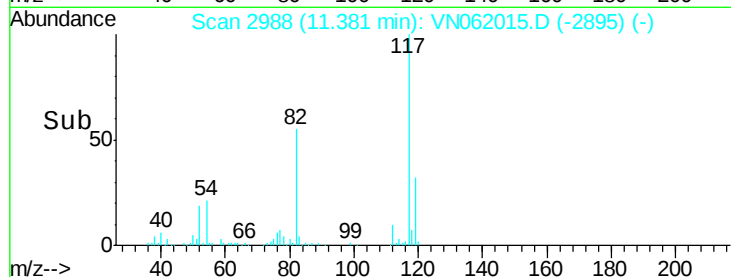
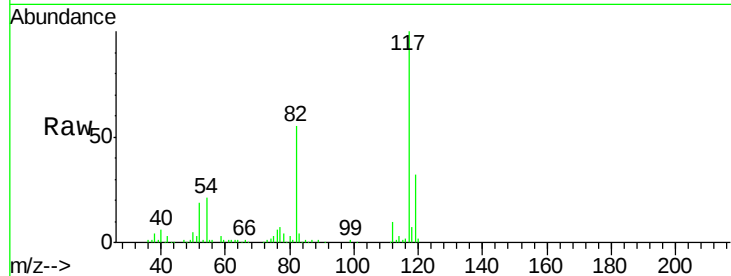
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	42.6	64.0
119	32.3	24.7	37.1

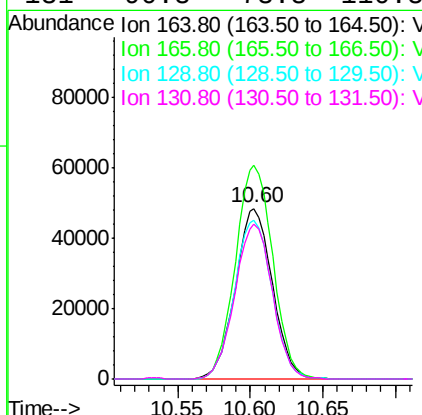
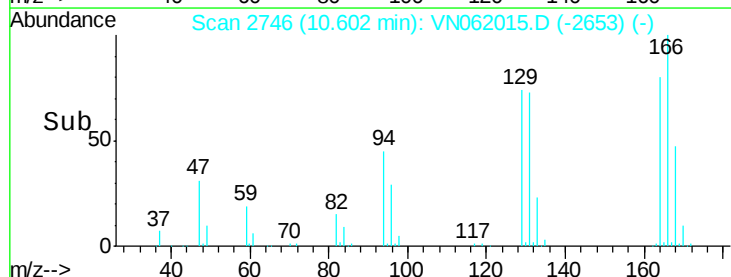
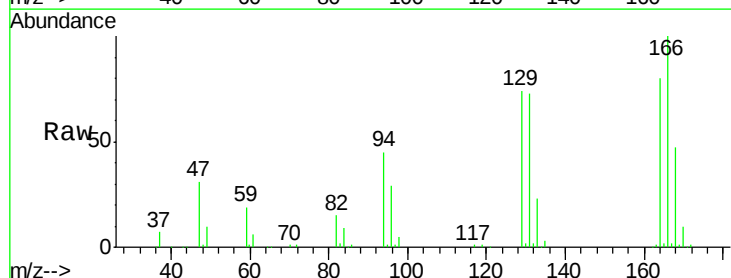
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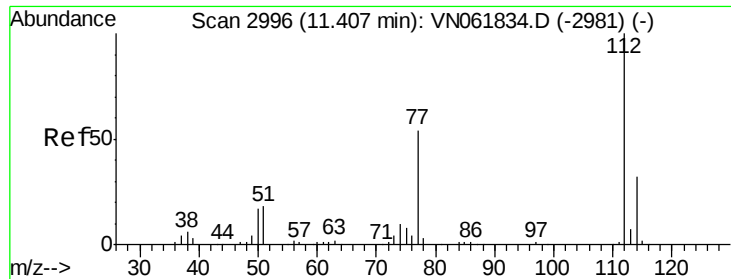
MMDadoda
6/23/2020 12:47:23 PM



#64
Tetrachloroethene
Concen: 53.159 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.1	103.5	155.3
129	92.9	77.5	116.3
131	90.8	73.8	110.8





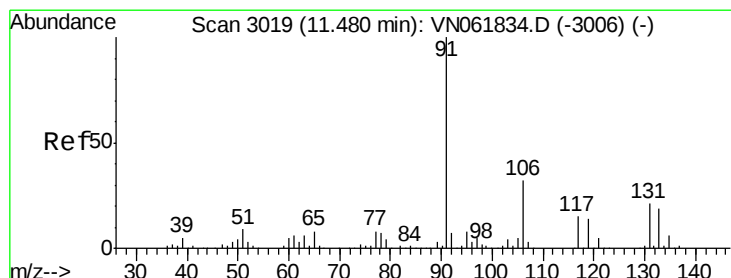
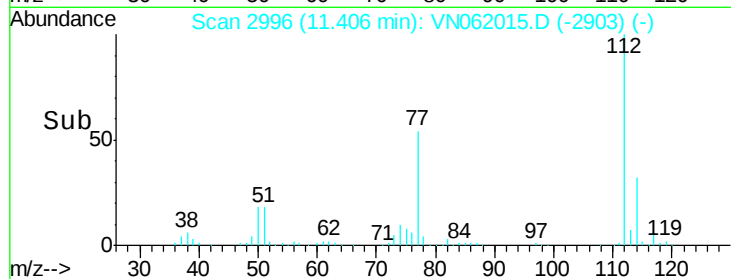
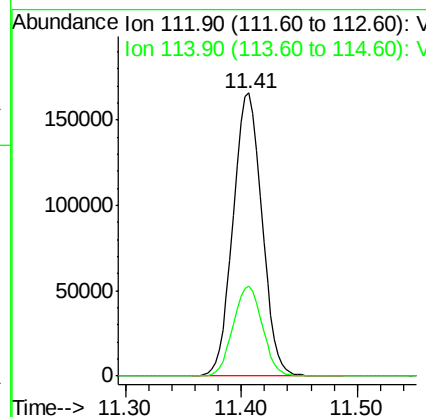
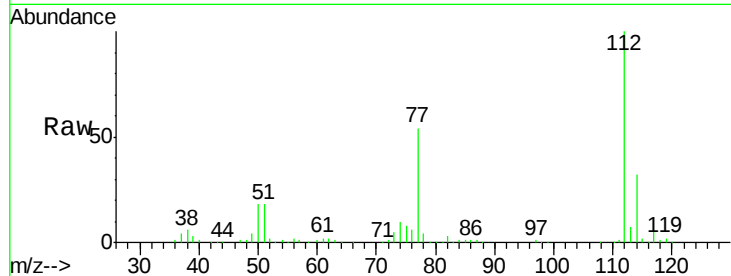
#65
Chlorobenzene
Concen: 53.206 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 285054
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6

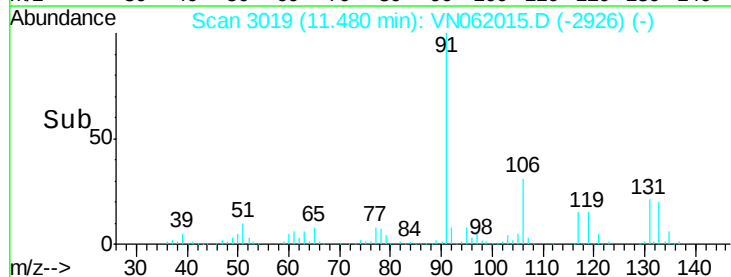
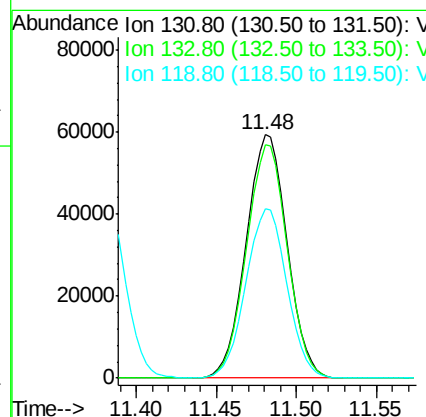
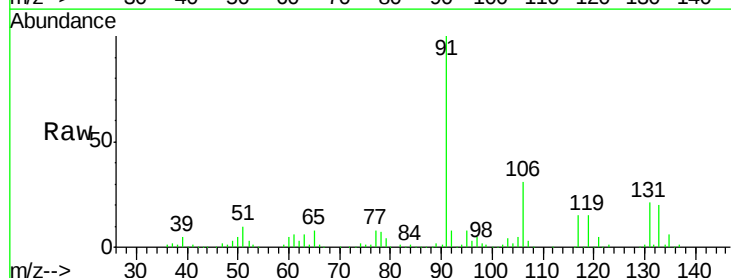
Manual Integrations
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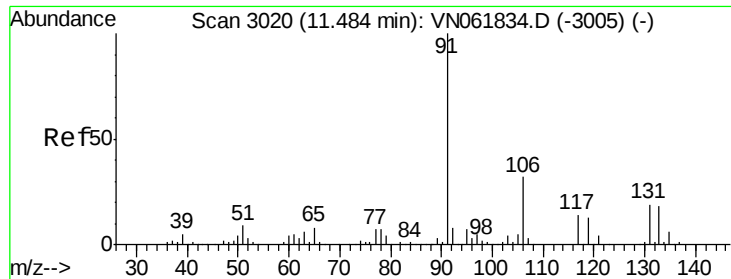
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.669 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

Tgt Ion:131 Resp: 104020
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.5
119 69.7 34.0 101.8





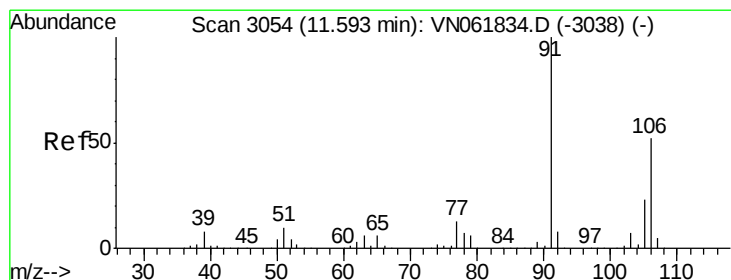
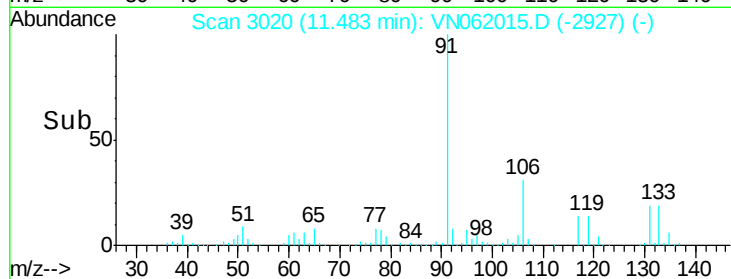
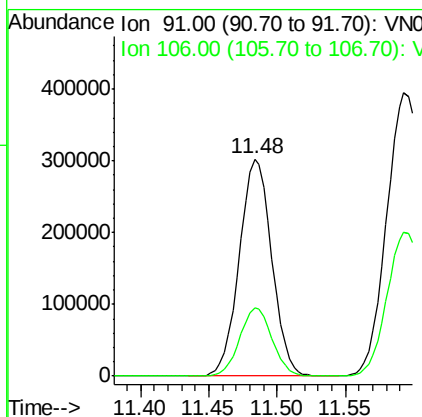
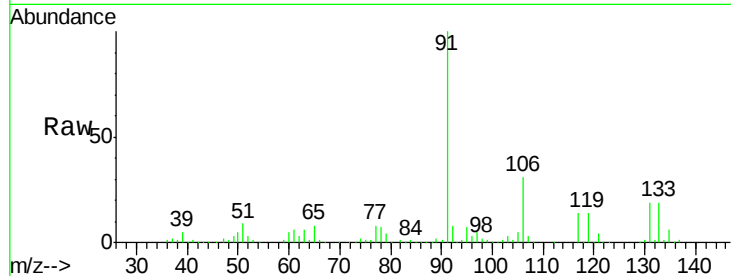
#67
Ethyl Benzene
Concen: 55.719 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 500511
Ion Ratio Lower Upper
91 100
106 31.3 25.4 38.2

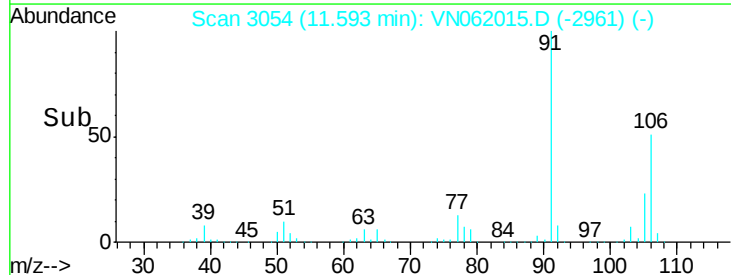
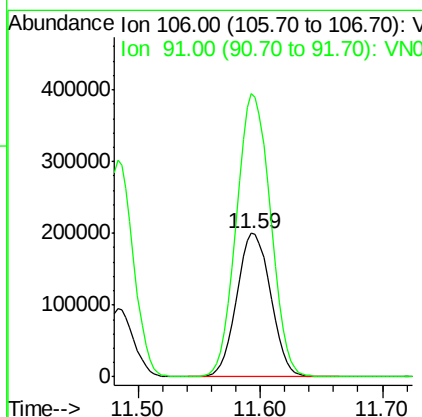
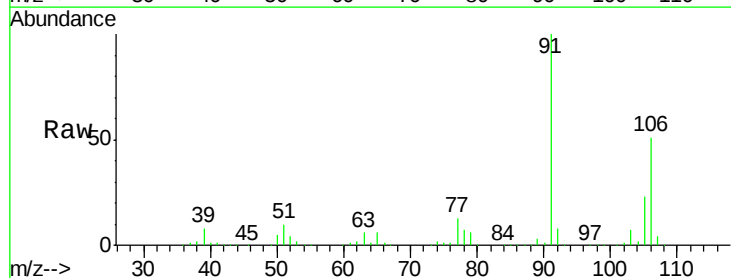
Manual Integrations
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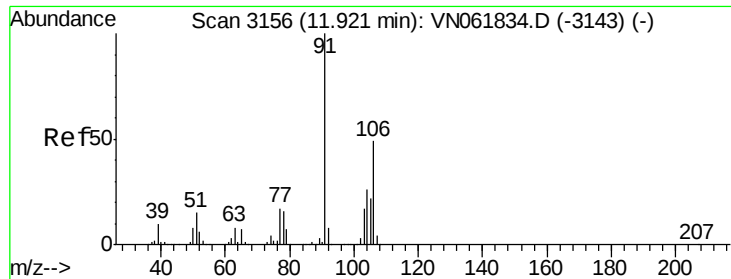
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#68
m/p-Xylenes
Concen: 111.352 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

Tgt Ion: 106 Resp: 385695
Ion Ratio Lower Upper
106 100
91 197.2 157.0 235.6





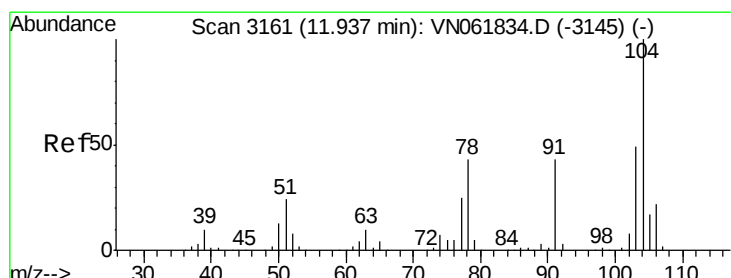
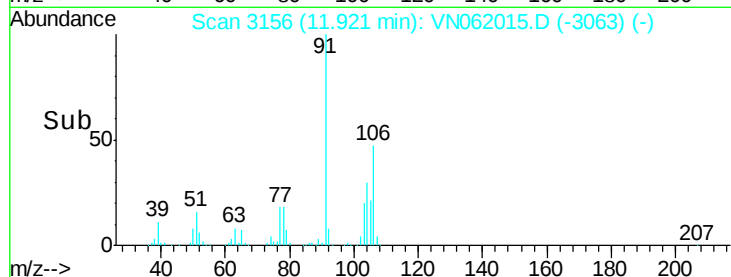
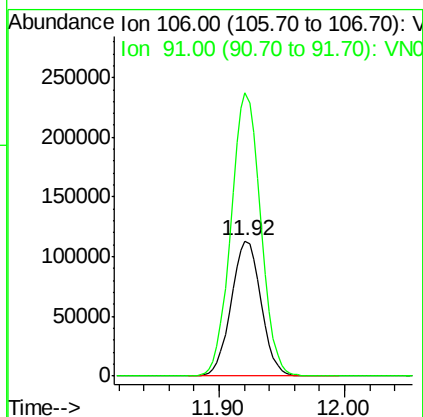
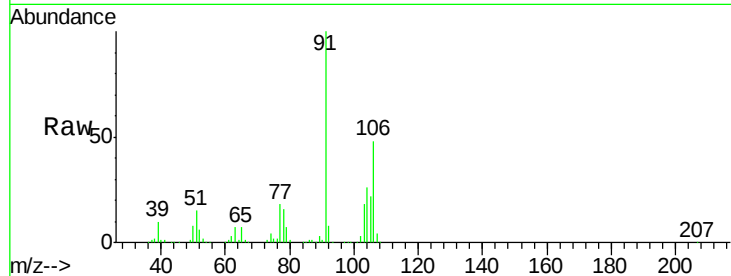
#69
o-Xylene
Concen: 56.656 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	208.1	103.0	308.9	

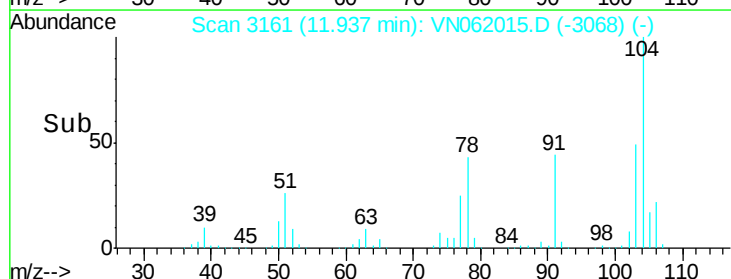
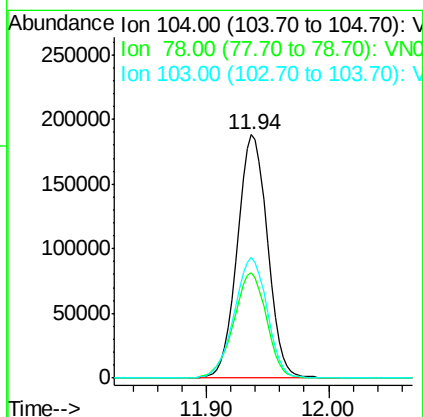
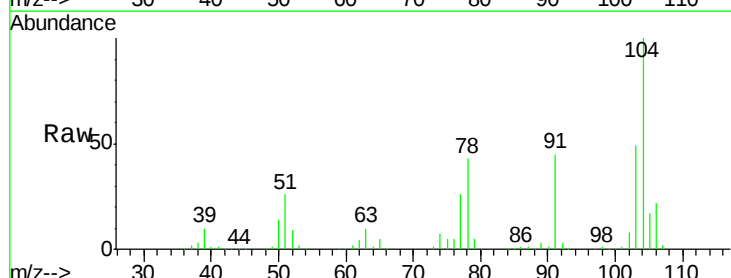
Manual Integrations
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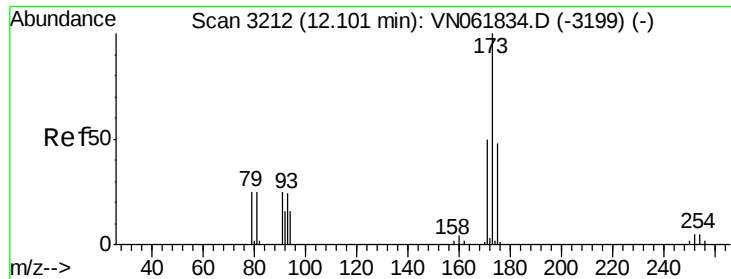
MMDadoda
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#70
Styrene
Concen: 58.220 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	47.3	37.6	56.4	
103	53.9	43.0	64.4	





#71

Bromoform

Concen: 56.823 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062015.D

Acq: 22 Jun 2020 21:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 77418

Ion Ratio Lower Upper

173 100

175 47.9 23.9 71.7

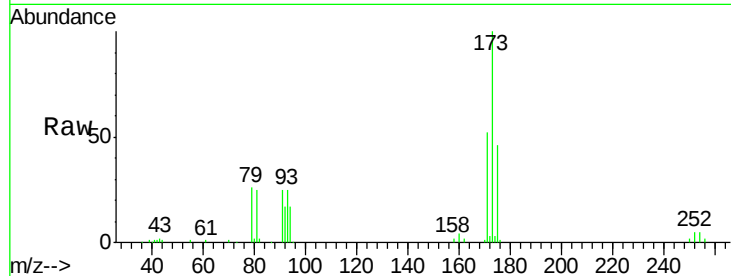
254 0.0 0.0 0.0

Manual Integrations

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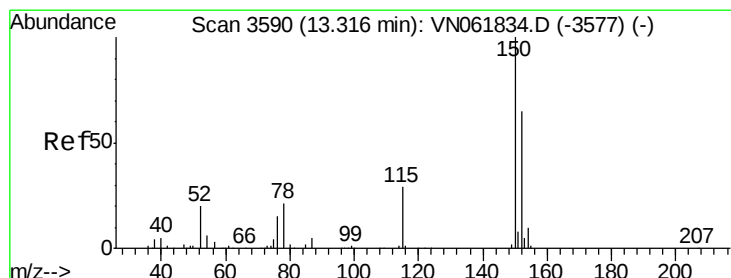
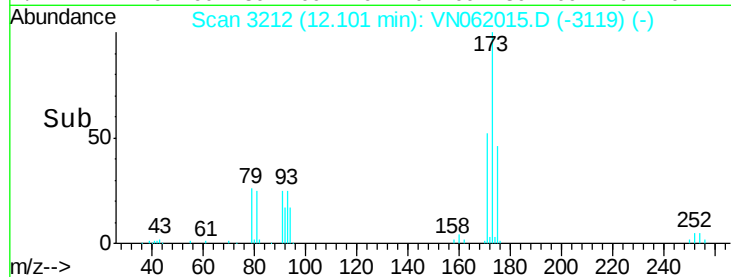
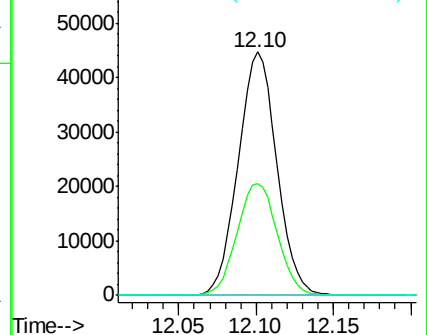
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062015.D

Acq: 22 Jun 2020 21:56

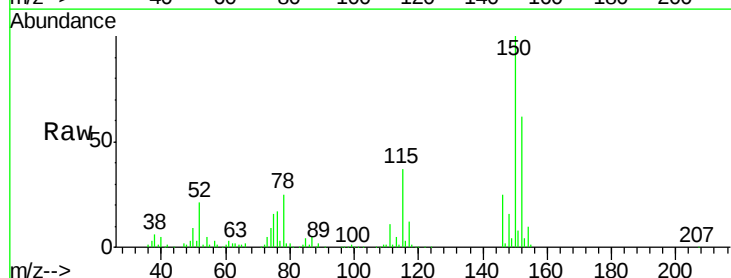
Tgt Ion:152 Resp: 125480

Ion Ratio Lower Upper

152 100

115 59.1 29.1 87.3

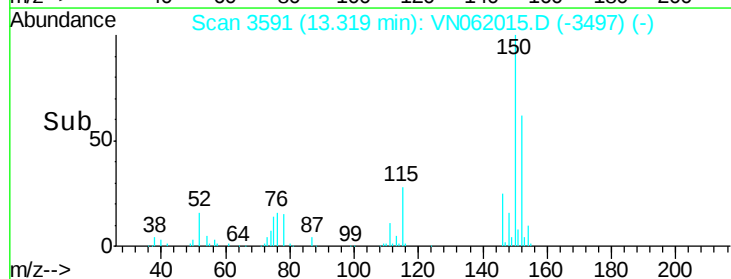
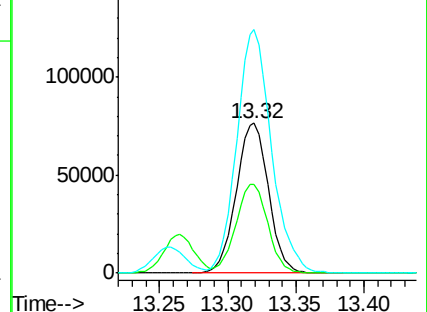
150 174.4 0.0 347.6

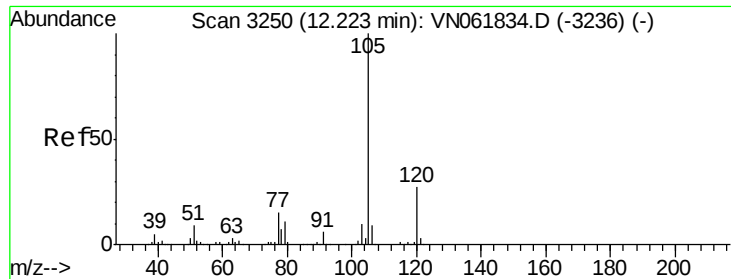


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.655 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062015.D

Acq: 22 Jun 2020 21:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 496263

Ion Ratio Lower Upper

105 100

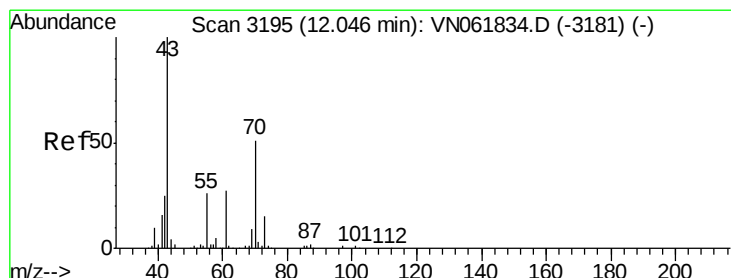
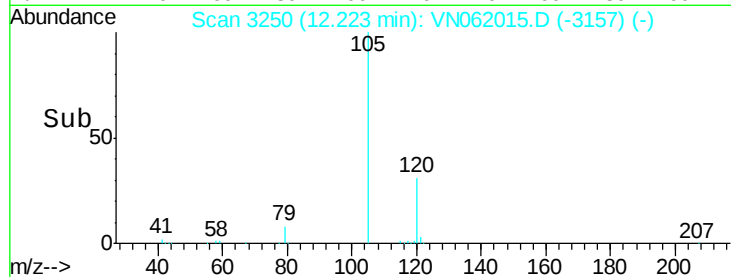
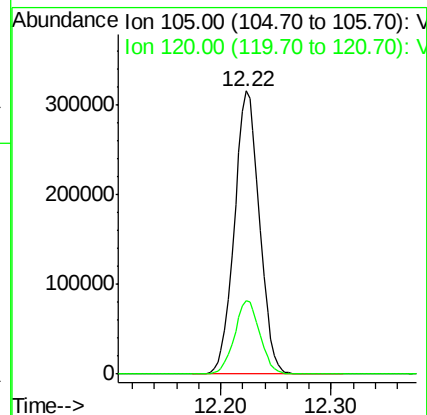
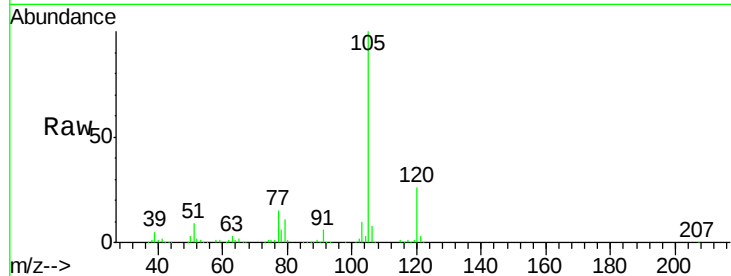
120 26.1 13.3 39.8

Manual Integrations

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MMDadoda

6/23/2020 12:47:23 PM



#74

N-ethyl acetate

Concen: 53.292 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062015.D

Acq: 22 Jun 2020 21:56

Tgt Ion: 43 Resp: 172783

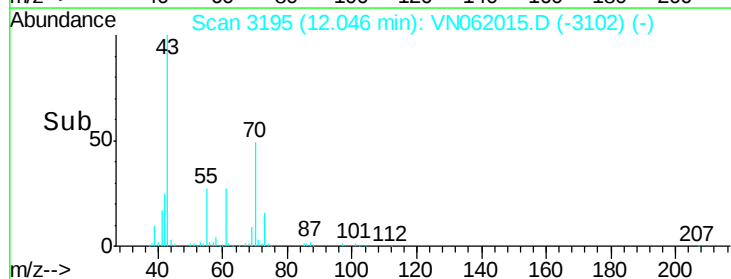
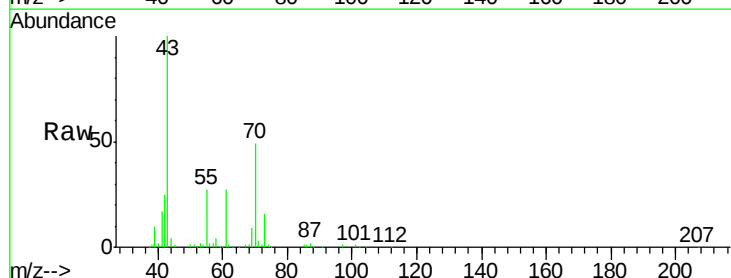
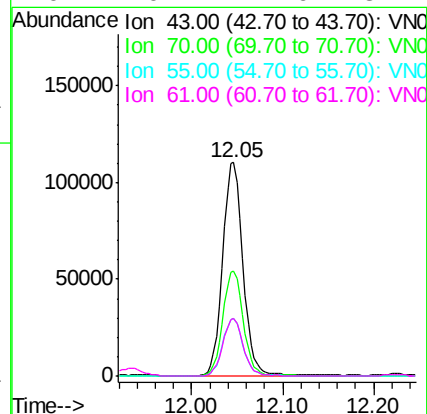
Ion Ratio Lower Upper

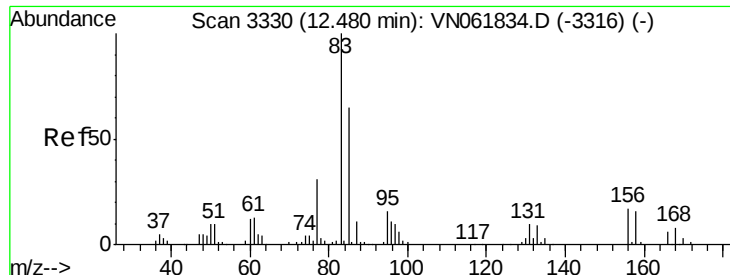
43 100

70 49.5 40.6 60.8

55 27.2 21.5 32.3

61 26.7 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 55.780 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062015.D

Acq: 22 Jun 2020 21:56

Instrument :

MSVOA_N

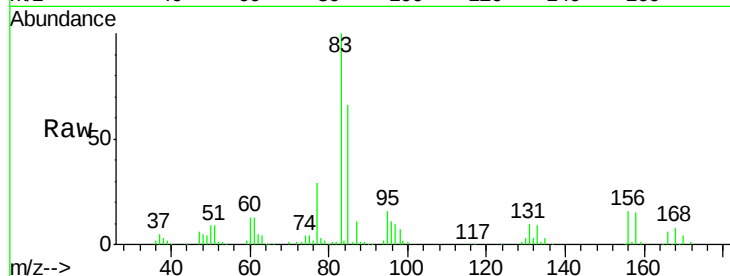
ClientSampled :

VSTDCCC050

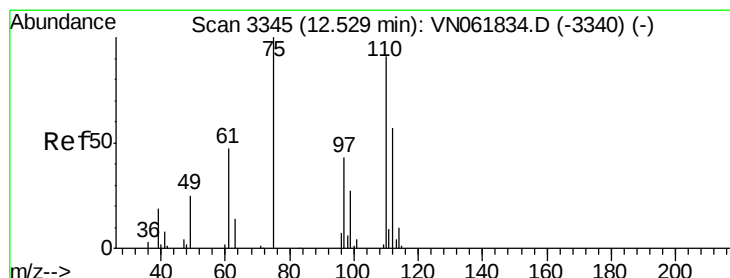
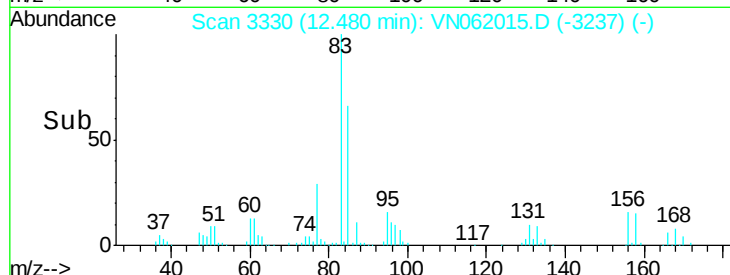
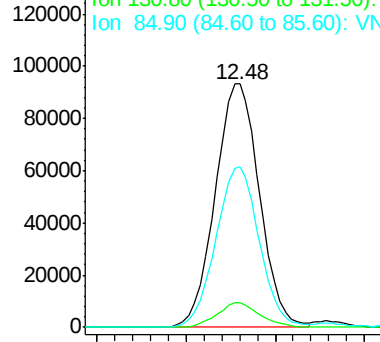
Tot Ion:	83	Resp:	161707
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.0	15.0
85	64.7	32.4	97.2

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN061834.D (-3316) (-)



#76

1,2,3-Trichloropropane

Concen: 59.445 ug/l m

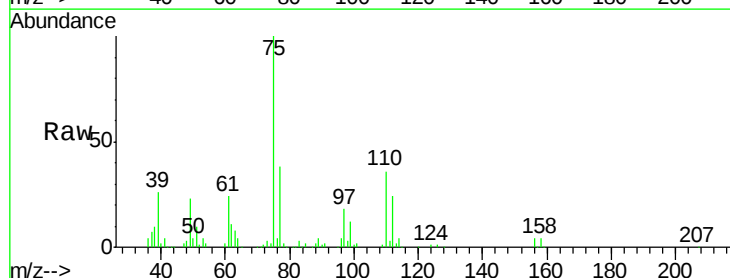
RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

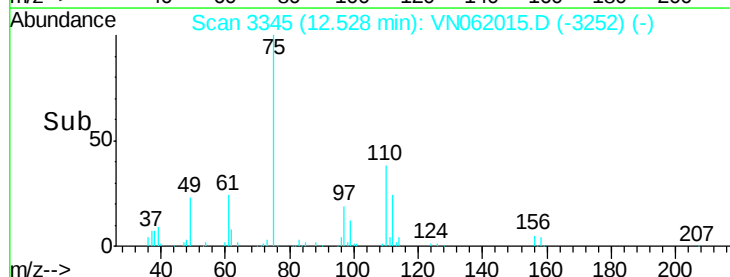
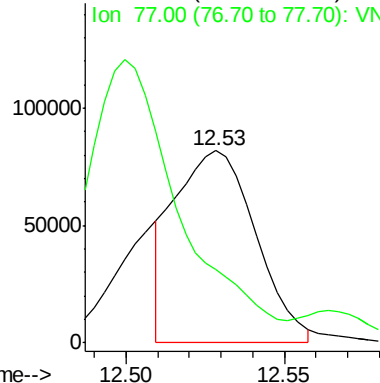
Lab File: VN062015.D

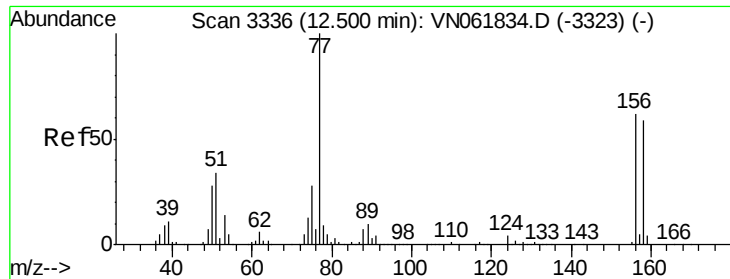
Acq: 22 Jun 2020 21:56

Tgt Ion:	75	Resp:	146442
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061834.D (-3340) (-)





#77

Bromobenzene

Concen: 53.951 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062015.D

Acq: 22 Jun 2020 21:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 121366

Ion Ratio Lower Upper

156 100

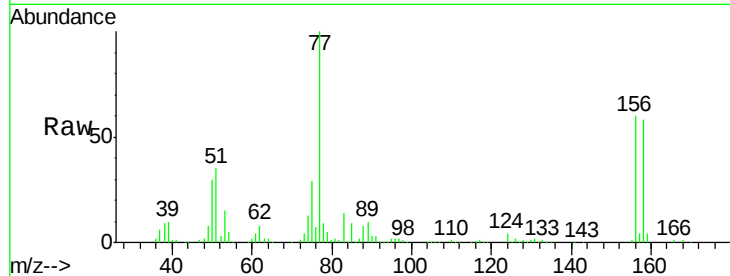
77 207.0 100.7 302.1

158 96.5 48.5 145.5

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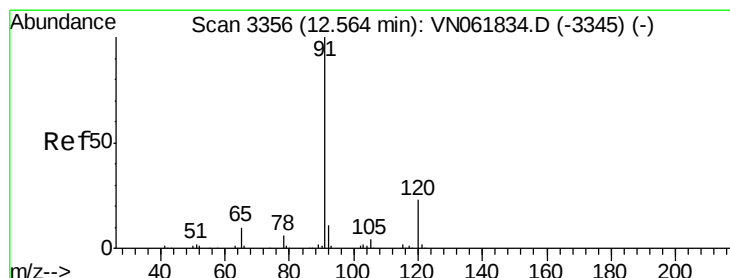
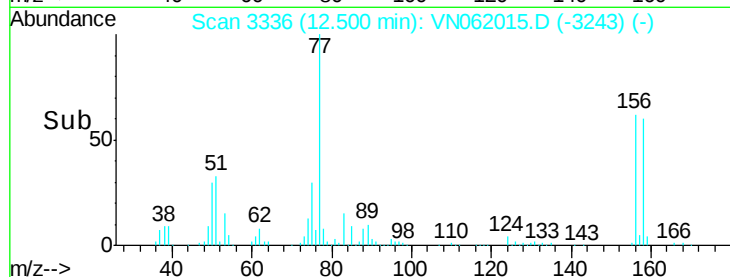
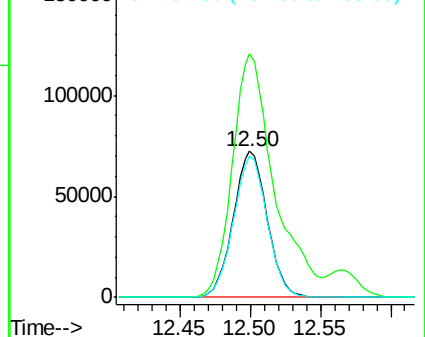
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.561 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062015.D

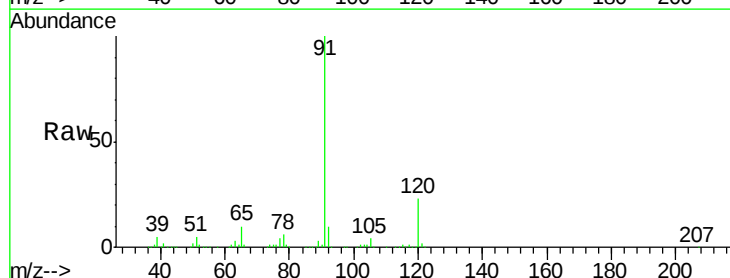
Acq: 22 Jun 2020 21:56

Tgt Ion: 91 Resp: 565305

Ion Ratio Lower Upper

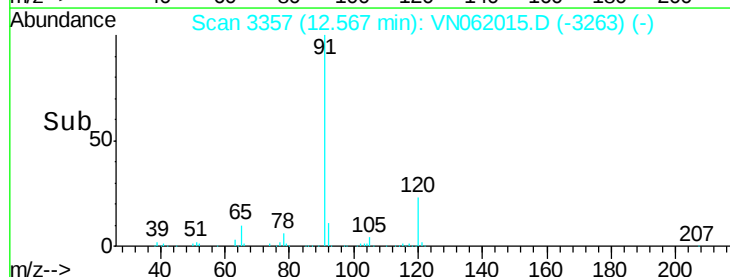
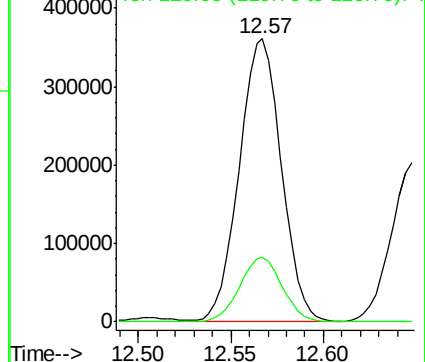
91 100

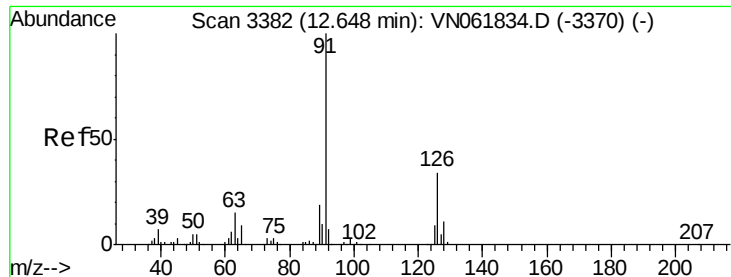
120 23.1 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.259 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062015.D

Acq: 22 Jun 2020 21:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 337670

Ion Ratio Lower Upper

91 100

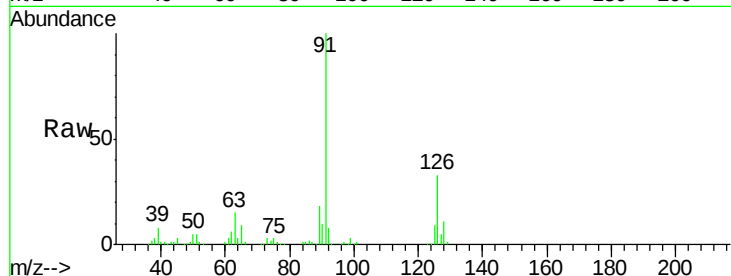
126 33.8 17.3 51.7

Manual Integrations

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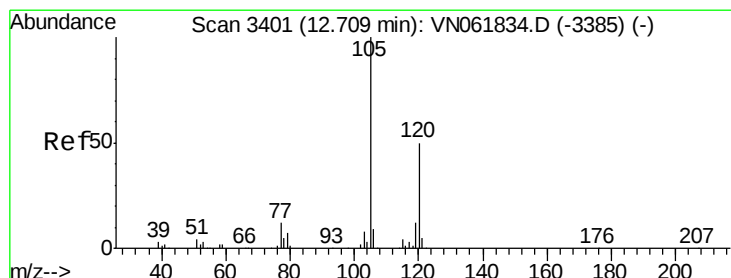
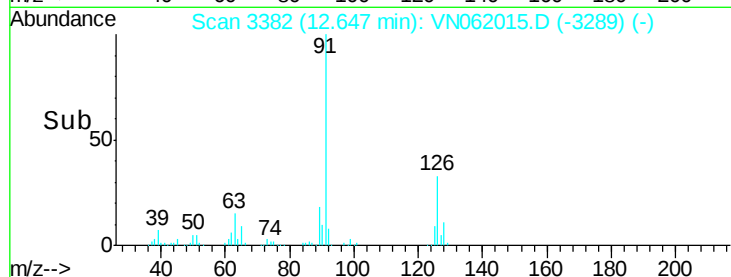
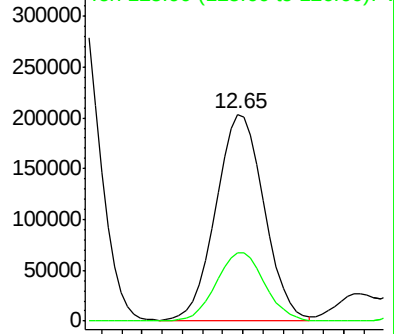
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Abundance Ion 91.00 (90.70 to 91.70): VN061834.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN061834.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 56.077 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062015.D

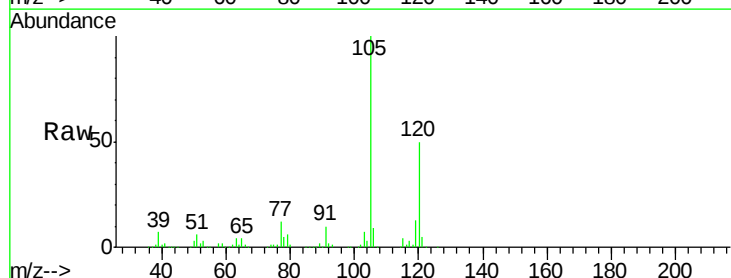
Acq: 22 Jun 2020 21:56

Tgt Ion: 105 Resp: 413679

Ion Ratio Lower Upper

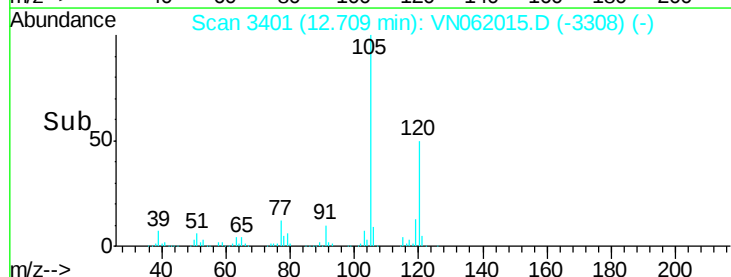
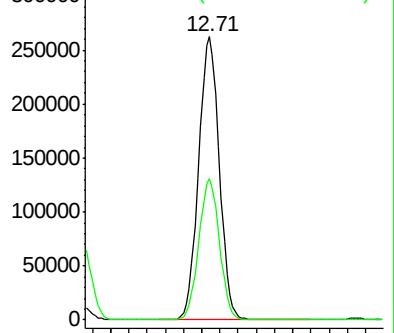
105 100

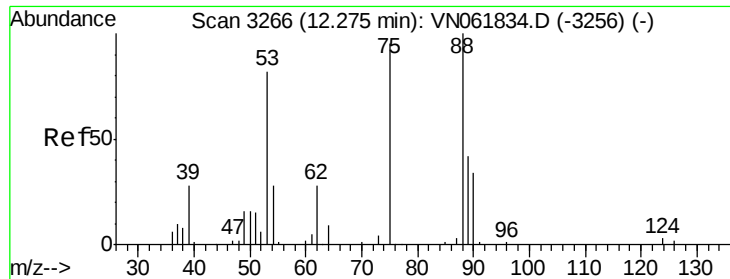
120 49.7 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): VN061834.D (-3385) (-)

Ion 120.00 (119.70 to 120.70): VN061834.D (-3385) (-)





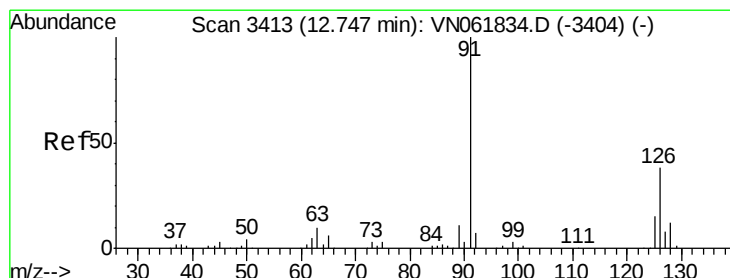
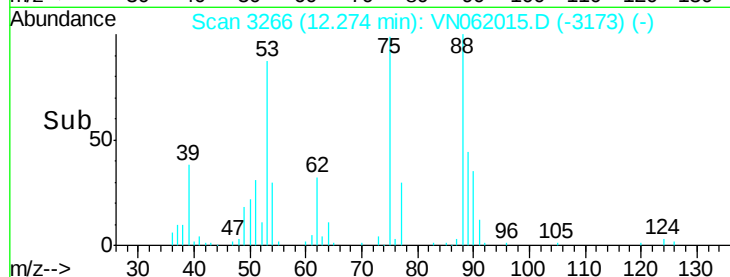
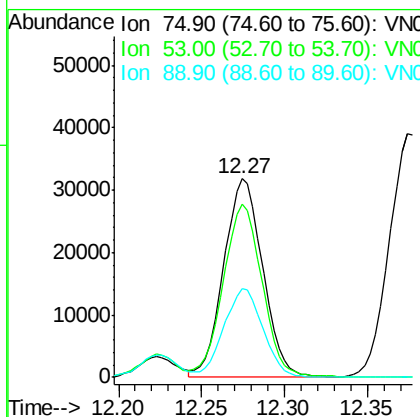
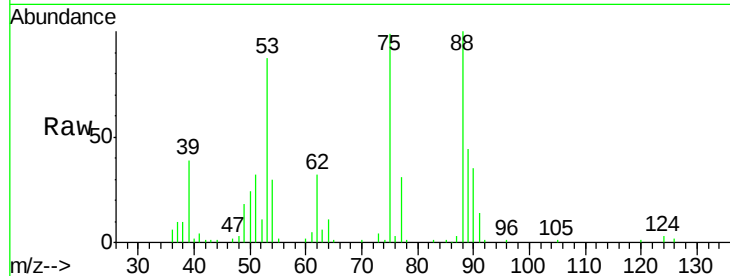
#81
trans-1,4-Dichloro-2-butene
Concen: 57.772 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.9	70.4	105.6
89	44.6	36.0	54.0

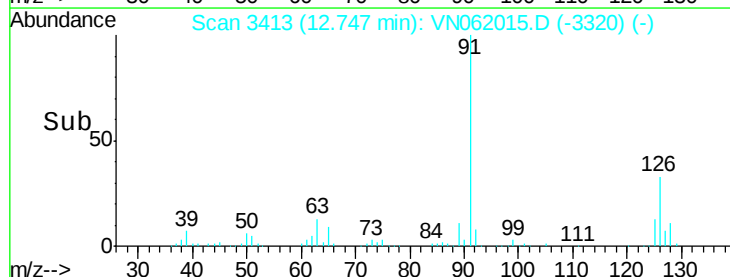
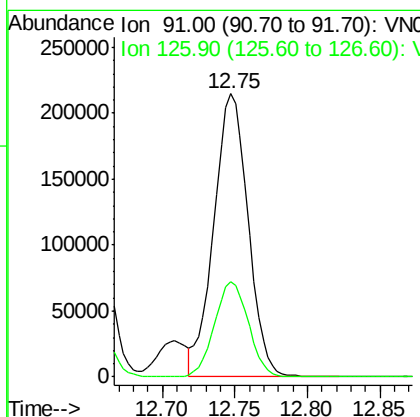
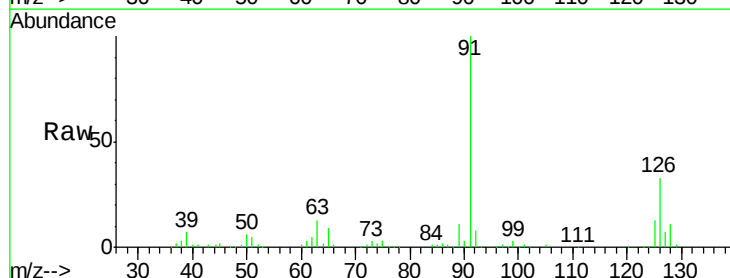
Manual Integrations
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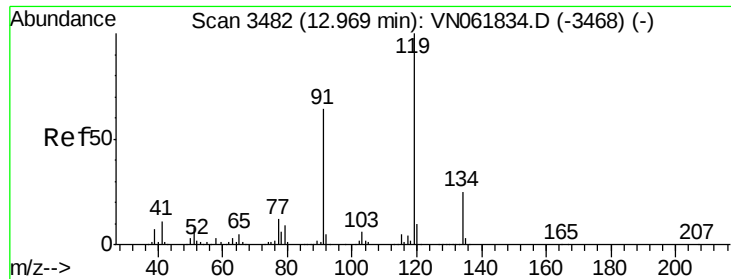
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#82
4-Chlorotoluene
Concen: 55.547 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.3	17.2	51.6





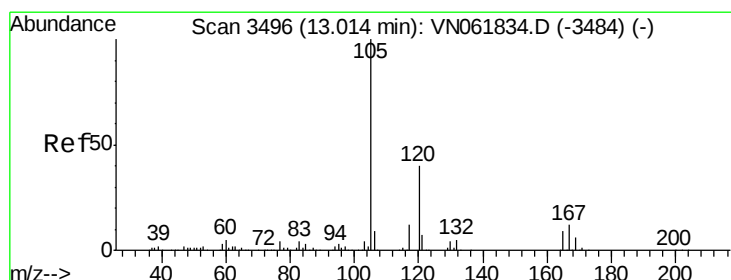
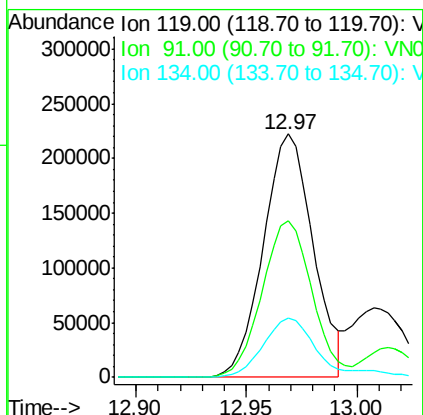
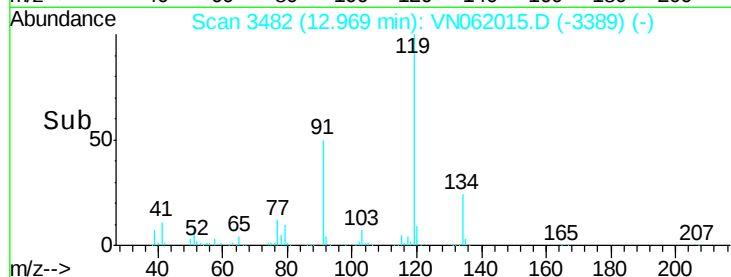
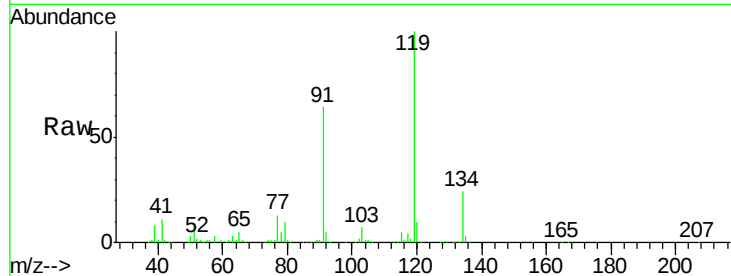
#83
tert-Butylbenzene
Concen: 55.585 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.9	31.5	94.5
134	24.7	13.3	39.9

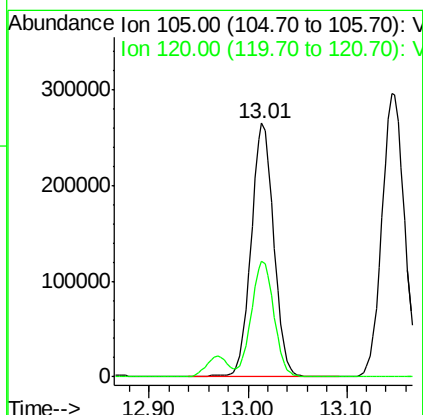
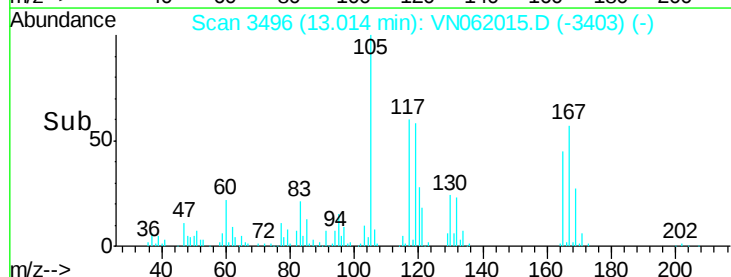
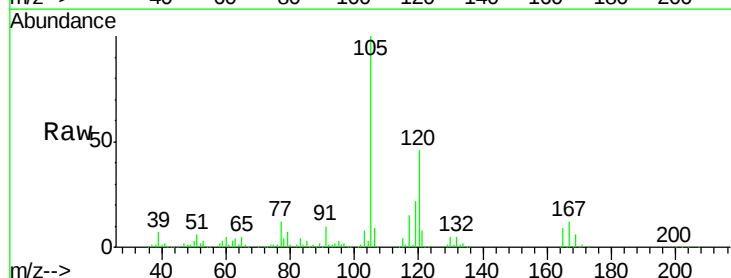
Manual Integrations
APPROVED

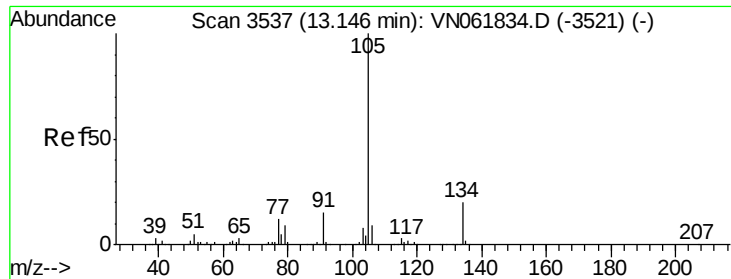
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#84
1,2,4-Trimethylbenzene
Concen: 57.265 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.3	69.9





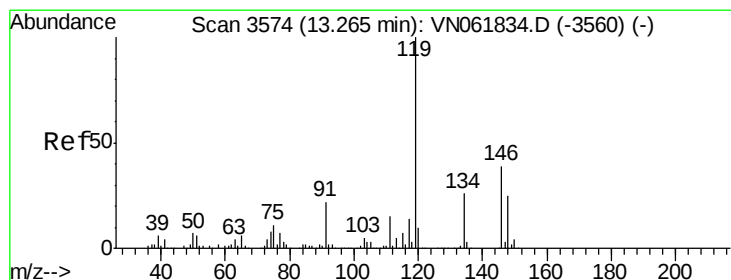
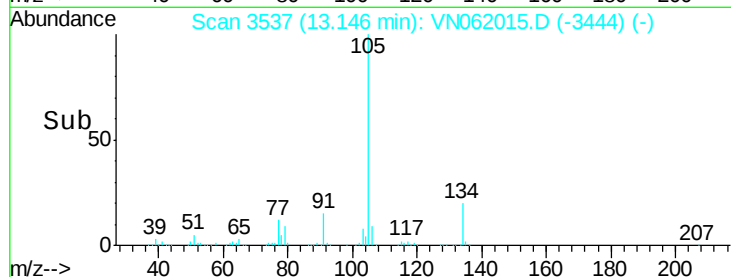
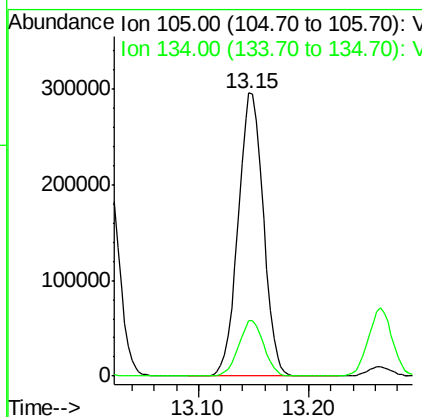
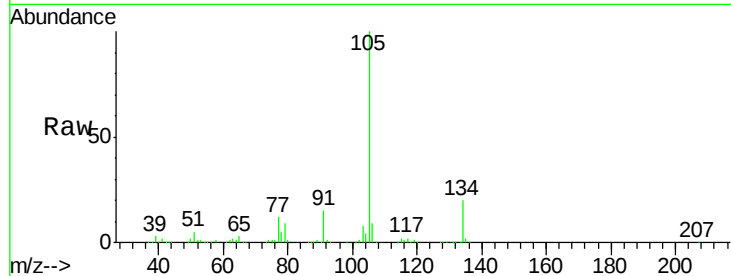
#85
 sec-Butylbenzene
 Concen: 57.290 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062015.D
 Acq: 22 Jun 2020 21:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	10.1	30.1

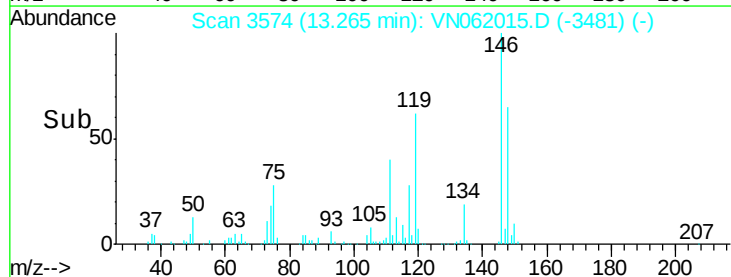
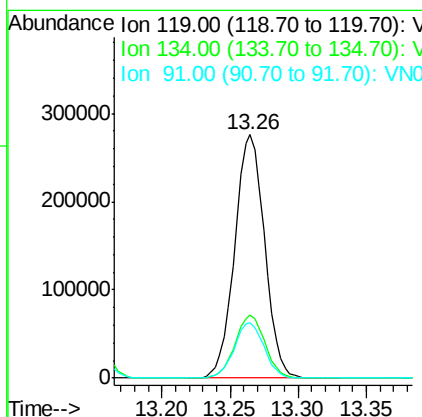
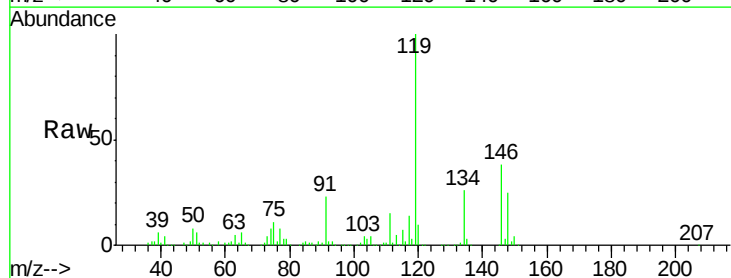
Manual Integrations
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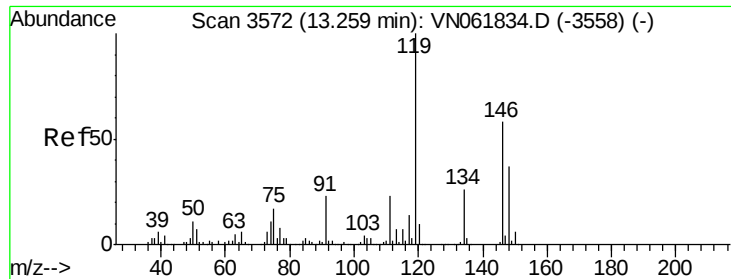
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#86
 p-Isopropyltoluene
 Concen: 57.380 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062015.D
 Acq: 22 Jun 2020 21:56

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.3	39.9
91	22.7	11.2	33.6





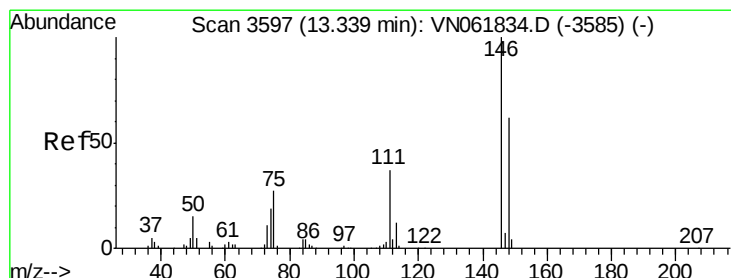
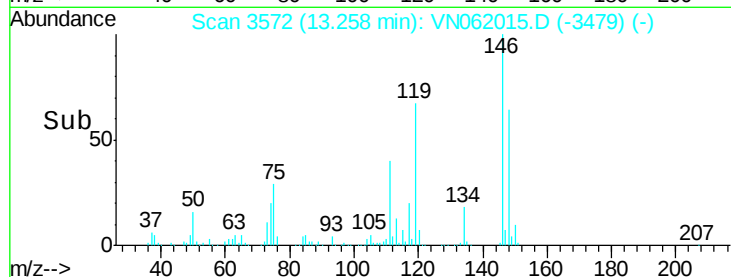
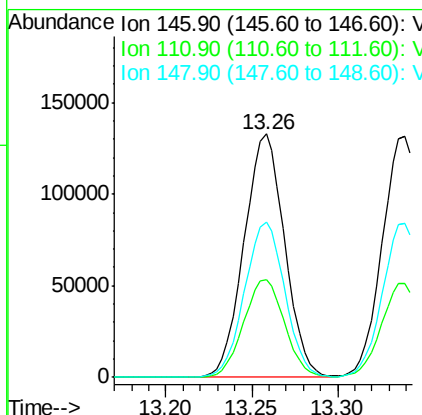
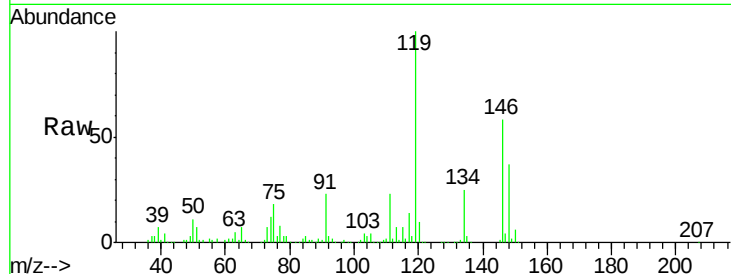
#87
 1,3-Dichlorobenzene
 Concen: 52.991 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062015.D
 Acq: 22 Jun 2020 21:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.6	58.8
148	63.4	31.8	95.4

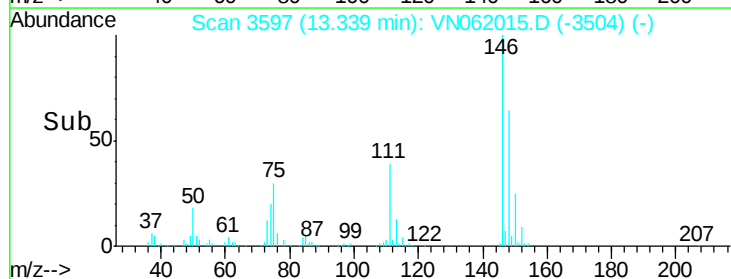
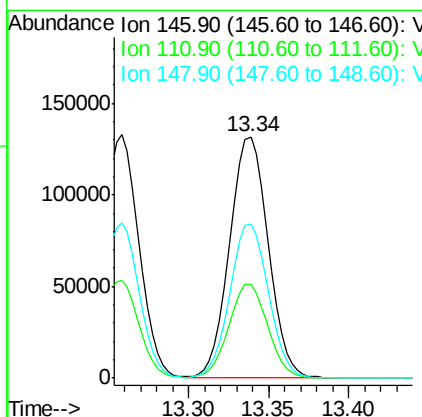
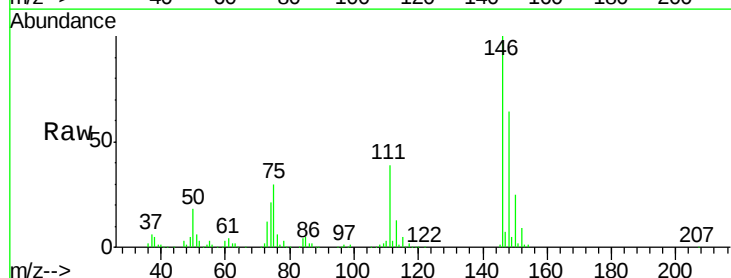
Manual Integrations
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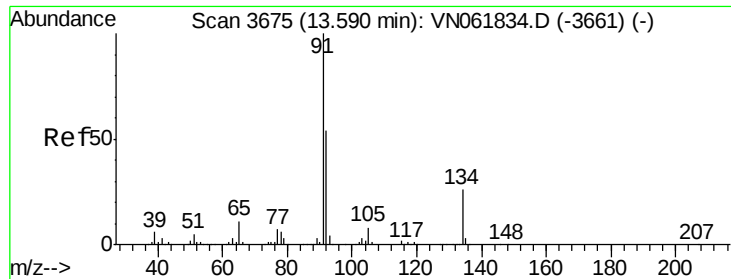
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#88
 1,4-Dichlorobenzene
 Concen: 51.489 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062015.D
 Acq: 22 Jun 2020 21:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.3	57.8
148	64.1	31.6	94.7





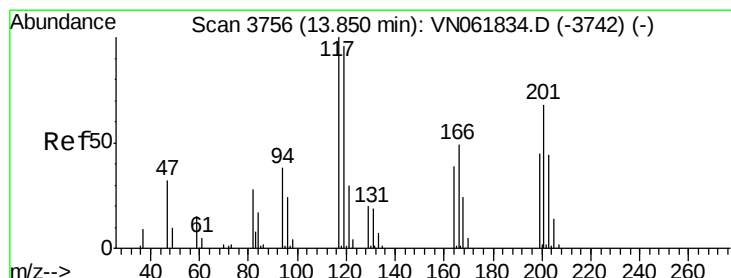
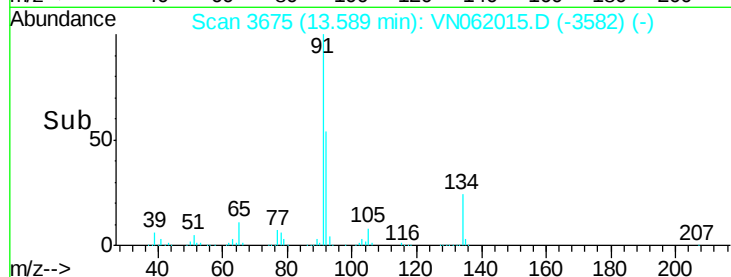
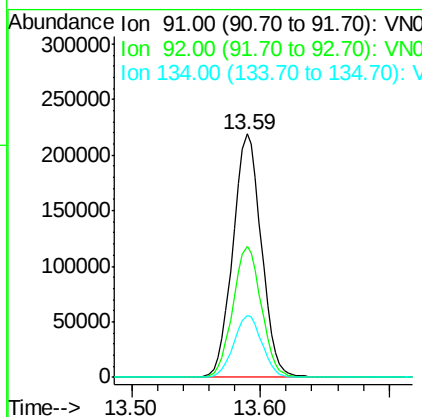
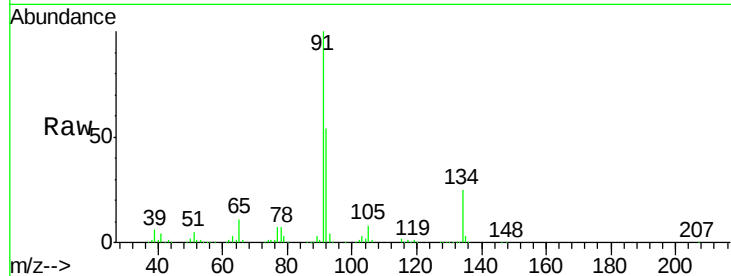
#89
n-Butylbenzene
Concen: 55.068 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.0	80.8
134	25.4	13.0	39.0

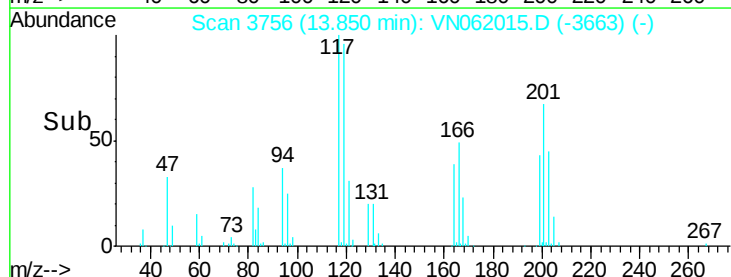
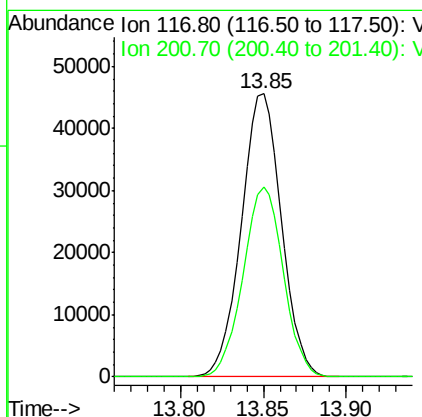
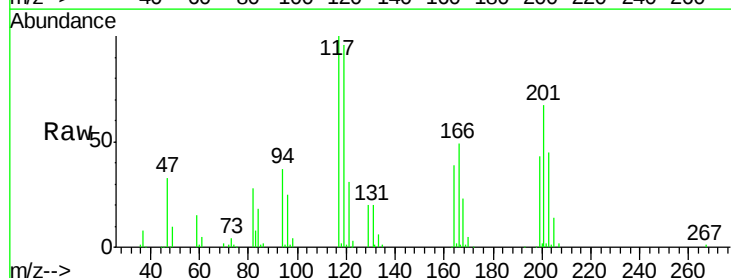
Manual Integrations
APPROVED

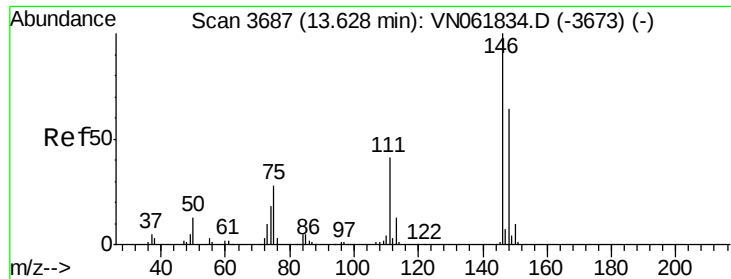
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#90
Hexachloroethane
Concen: 57.594 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062015.D
Acq: 22 Jun 2020 21:56

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.1	34.6	103.8





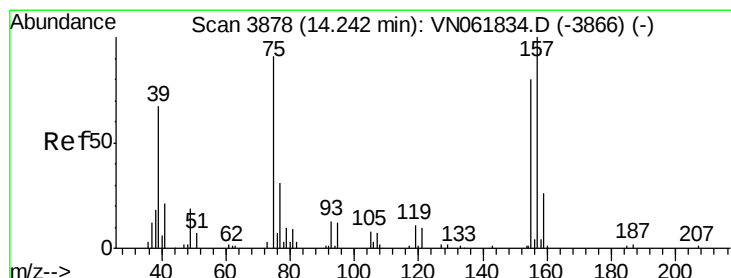
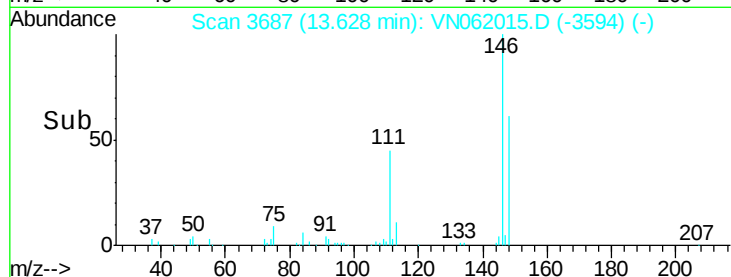
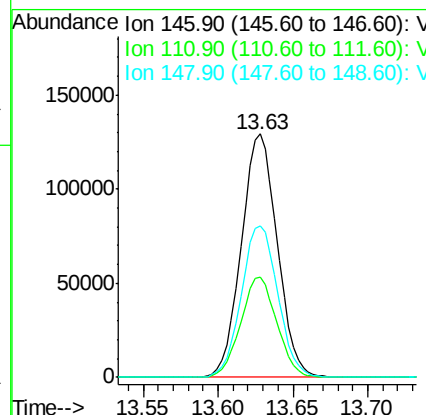
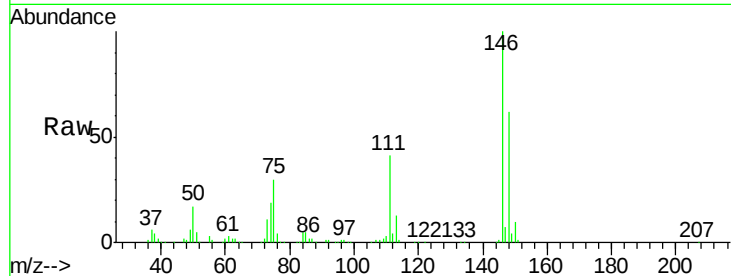
#91
 1,2-Dichlorobenzene
 Concen: 54.740 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062015.D
 Acq: 22 Jun 2020 21:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.4	61.2
148	63.4	31.8	95.4

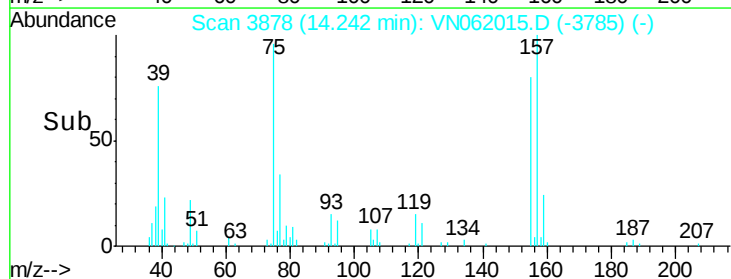
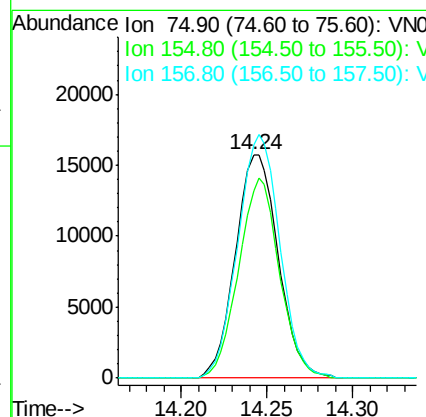
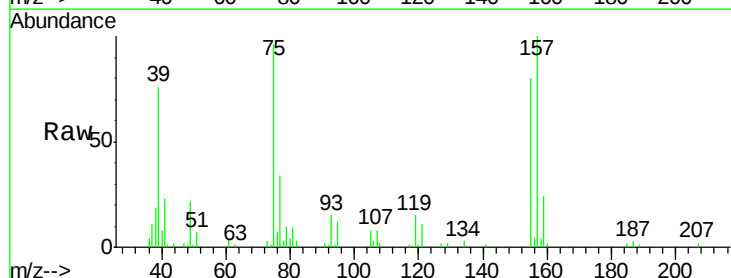
Manual Integrations
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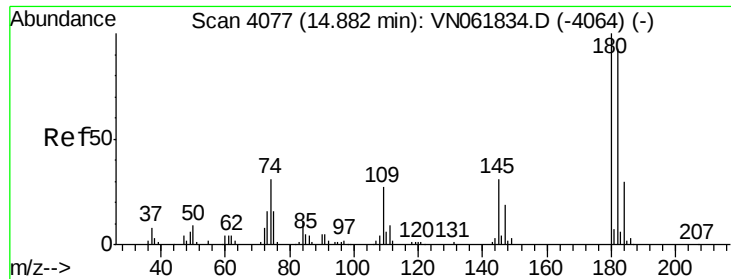
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.938 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062015.D
 Acq: 22 Jun 2020 21:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.1	44.4	133.2
157	106.9	57.0	171.2





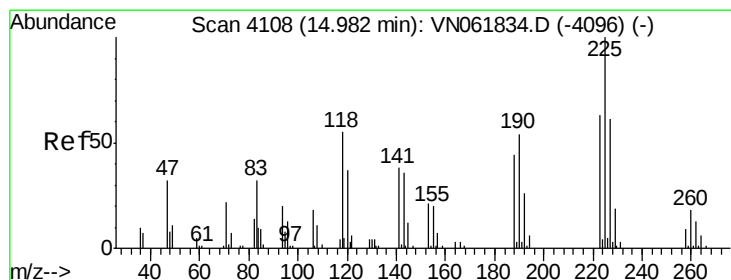
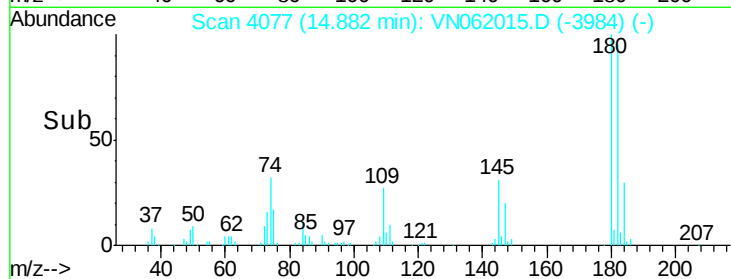
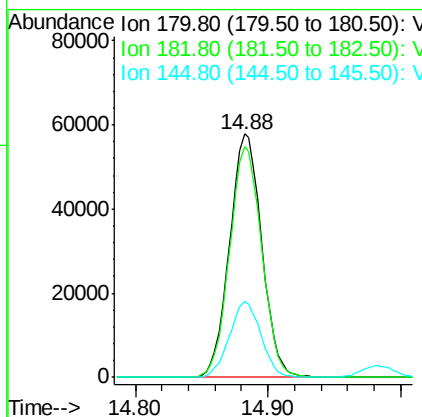
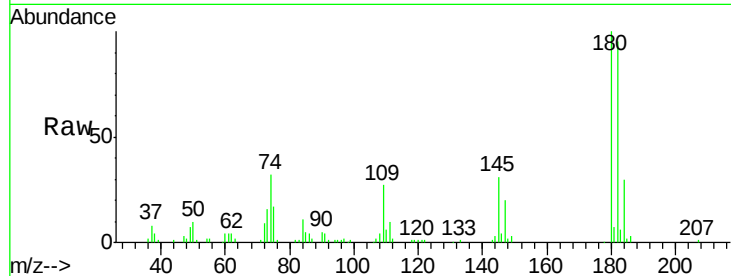
#93
 1,2,4-Trichlorobenzene
 Concen: 52.225 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062015.D
 Acq: 22 Jun 2020 21:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.0	141.2
145	30.5	15.8	47.3

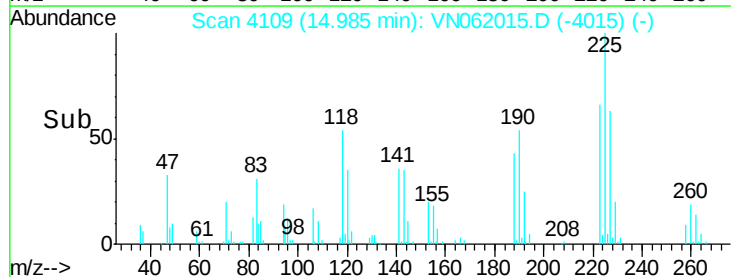
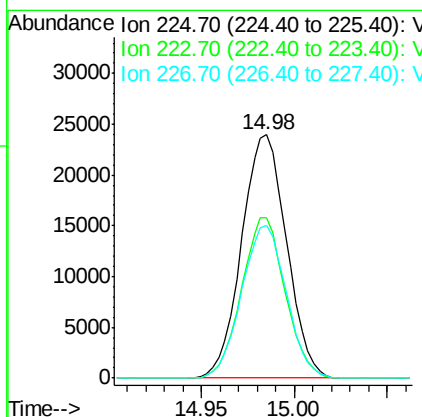
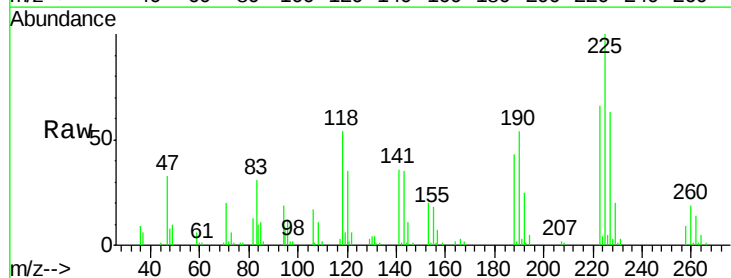
Manual Integrations
 APPROVED

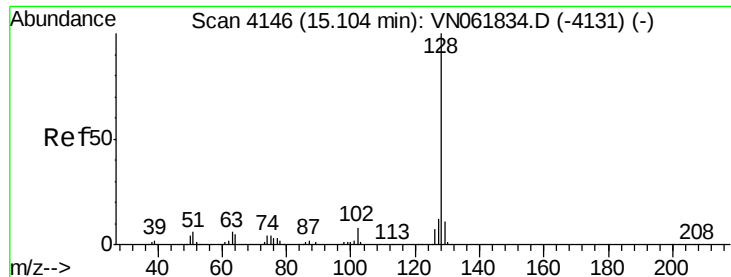
MMDadoda
 6/23/2020 12:47:23 PM



#94
 Hexachlorobutadiene
 Concen: 54.893 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062015.D
 Acq: 22 Jun 2020 21:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	31.7	95.1
227	62.3	30.1	90.3





#95

Naphthalene

Concen: 45.965 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN062015.D

Acq: 22 Jun 2020 21:56

Instrument :

MSVOA_N

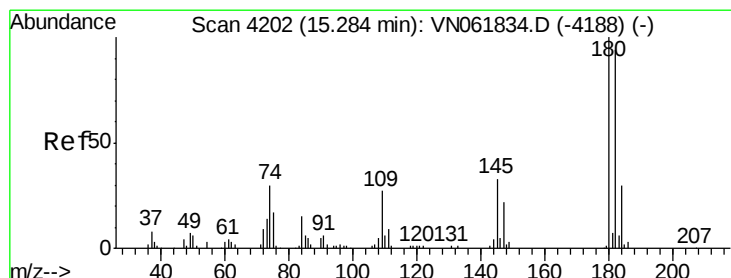
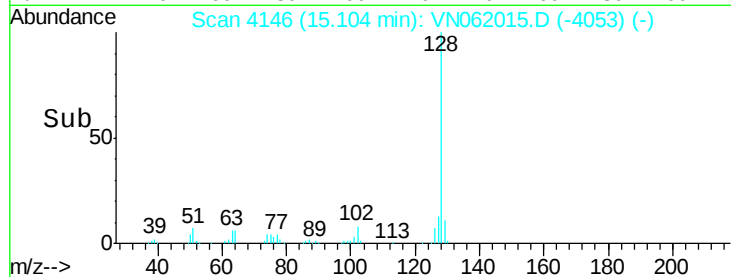
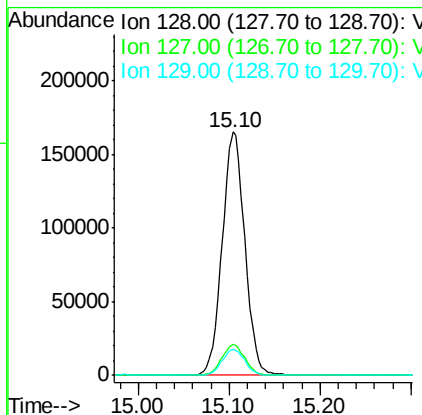
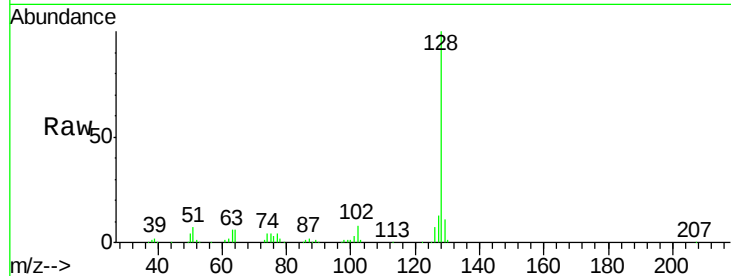
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	285016
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	10.8	8.6	13.0

Manual Integrations
APPROVED

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#96

1,2,3-Trichlorobenzene

Concen: 53.320 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062015.D

Acq: 22 Jun 2020 21:56

Tgt Ion:	180	Resp:	98424
Ion Ratio	Lower	Upper	
180	100		
182	94.4	47.9	143.6
145	33.4	16.5	49.5

