

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050520\
 Data File : VN061288.D
 Acq On : 5 May 2020 13:45
 Operator : JC/MD
 Sample : VN0505MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505MBS01

Manual Integrations
 APPROVED

MMDadoda
 5/6/2020 11:37:23 AM

Quant Time: May 06 04:38:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	96658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	168421	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	156007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	73017	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	80692	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
35) Dibromofluoromethane	7.54	113	48161	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
50) Toluene-d8	10.06	98	202479	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.37	95	75142	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	18868	18.408	ug/l 100
3) Chloromethane	2.03	50	24918	20.073	ug/l 100
4) Vinyl Chloride	2.16	62	27588	19.566	ug/l 98
5) Bromomethane	2.54	94	12440	17.849	ug/l 97
6) Chloroethane	2.67	64	17210	19.257	ug/l 97
7) Trichlorofluoromethane	2.98	101	35554	22.351	ug/l 98
8) Diethyl Ether	3.37	74	14620	22.034	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	19737	19.259	ug/l 98
10) Methyl Iodide	3.90	142	21418	16.262	ug/l 98
11) Tert butyl alcohol	4.72	59	15173	74.058	ug/l 97
12) 1,1-Dichloroethene	3.69	96	18994	18.625	ug/l 99
13) Acrolein	3.56	56	12507	91.605	ug/l 99
14) Allyl chloride	4.27	41	40905	21.632	ug/l 98
15) Acrylonitrile	4.92	53	61925	98.462	ug/l 99
16) Acetone	3.77	43	54076	87.838	ug/l 100
17) Carbon Disulfide	4.01	76	47918	17.010	ug/l 99
18) Methyl Acetate	4.27	43	33508	17.799	ug/l 98
19) Methyl tert-butyl Ether	4.98	73	77959	20.006	ug/l 98
20) Methylene Chloride	4.50	84	23268	19.510	ug/l 97
21) trans-1,2-Dichloroethene	4.99	96	20933	18.850	ug/l 99
22) Diisopropyl ether	5.89	45	88733	20.236	ug/l 94
23) Vinyl Acetate	5.84	43	352748	99.910	ug/l 100
24) 1,1-Dichloroethane	5.79	63	44846	19.575	ug/l 99
25) 2-Butanone	6.78	43	82337	90.979	ug/l 99
26) 2,2-Dichloropropane	6.77	77	39317	20.375	ug/l 100
27) cis-1,2-Dichloroethene	6.78	96	25040	19.215	ug/l 99
28) Bromochloromethane	7.15	49	22043	20.299	ug/l 96
29) Tetrahydrofuran	7.16	42	55979	91.824	ug/l 99
30) Chloroform	7.33	83	45208	19.472	ug/l 100
31) Cyclohexane	7.61	56	38174	17.157	ug/l 92
32) 1,1,1-Trichloroethane	7.52	97	37711	18.653	ug/l 98
36) 1,1-Dichloropropene	7.75	75	31963	18.958	ug/l 98
37) Ethyl Acetate	6.87	43	36279	18.355	ug/l 100
38) Carbon Tetrachloride	7.73	117	27210	19.167	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	32324	17.096	ug/l	96
40) Benzene	8.00	78	93483	18.611	ug/l	98
41) Methacrylonitrile	7.12	41	15922	19.402	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	38965	20.477	ug/l	98
43) Isopropyl Acetate	8.12	43	62196	18.961	ug/l #	92
44) Trichloroethene	8.80	130	24129	17.770	ug/l	96
45) 1,2-Dichloropropane	9.08	63	26318	19.612	ug/l	99
46) Dibromomethane	9.17	93	16530	19.895	ug/l	99
47) Bromodichloromethane	9.37	83	35731	20.035	ug/l	96
48) Methyl methacrylate	9.16	41	27582	18.634	ug/l	97
49) 1,4-Dioxane	9.16	88	4017	239.074	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	184848	95.736	ug/l	100
52) Toluene	10.12	92	56756	18.759	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	39507	19.660	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	41517	19.543	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	23183	19.211	ug/l	98
56) Ethyl methacrylate	10.40	69	34803	18.374	ug/l	97
57) 1,3-Dichloropropane	10.68	76	41924	19.764	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	91976	94.159	ug/l	100
59) 2-Hexanone	10.72	43	129085	91.895	ug/l	99
60) Dibromochloromethane	10.87	129	24149	19.107	ug/l	99
61) 1,2-Dibromoethane	10.98	107	23532	19.455	ug/l	100
64) Tetrachloroethene	10.60	164	23018	17.035	ug/l	98
65) Chlorobenzene	11.40	112	59183	19.124	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	22272	20.108	ug/l	98
67) Ethyl Benzene	11.48	91	109519	18.905	ug/l	99
68) m/p-Xylenes	11.60	106	79643	37.559	ug/l	98
69) o-Xylene	11.92	106	37822	18.569	ug/l	98
70) Styrene	11.94	104	62932	18.460	ug/l	98
71) Bromoform	12.10	173	15856	19.478	ug/l #	99
73) Isopropylbenzene	12.22	105	102529	19.101	ug/l	100
74) N-amyl acetate	12.04	43	51449	18.928	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	33502	20.016	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	29378m	19.084	ug/l	
77) Bromobenzene	12.50	156	23986	19.357	ug/l	98
78) n-propylbenzene	12.56	91	122828	19.292	ug/l	100
79) 2-Chlorotoluene	12.65	91	72913	19.484	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	86317	19.429	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	11587	19.115	ug/l	96
82) 4-Chlorotoluene	12.75	91	76541	19.406	ug/l	99
83) tert-Butylbenzene	12.97	119	70010	18.689	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	86333	18.861	ug/l	99
85) sec-Butylbenzene	13.15	105	96229	18.841	ug/l	99
86) p-Isopropyltoluene	13.26	119	86560	18.810	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	44070	19.319	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	44053	18.901	ug/l	97
89) n-Butylbenzene	13.59	91	78758	18.669	ug/l	99
90) Hexachloroethane	13.85	117	10145	25.538	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	42432	19.400	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	6684	18.908	ug/l	94

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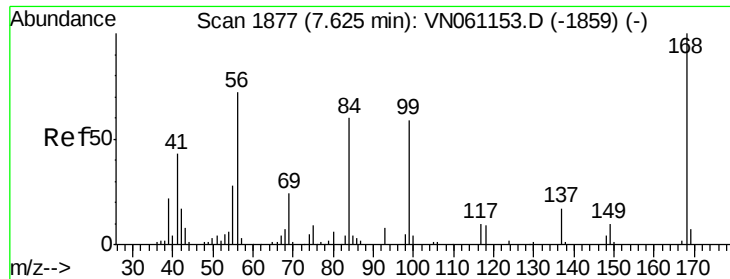
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MMDadoda
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	25235	18.946	ug/l	100
94) Hexachlorobutadiene	14.98	225	11068	19.891	ug/l	97
95) Naphthalene	15.11	128	76278	17.585	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	24319	18.493	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Instrument :

MSVOA_N

ClientSampled :

VN0505MBS01

Tot Ion:168 Resp: 96658

Ion Ratio Lower Upper

168 100

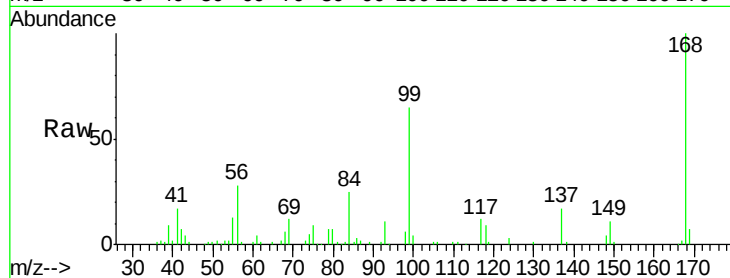
99 65.2 51.2 76.8

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

7.62

40000

30000

20000

10000

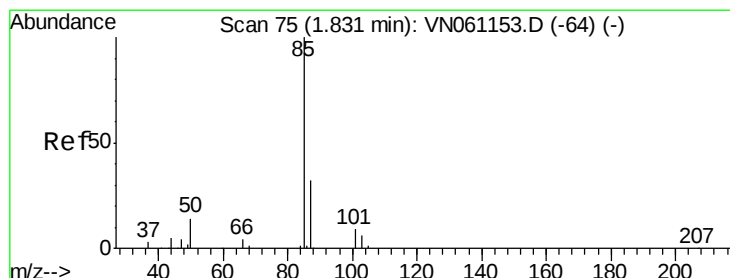
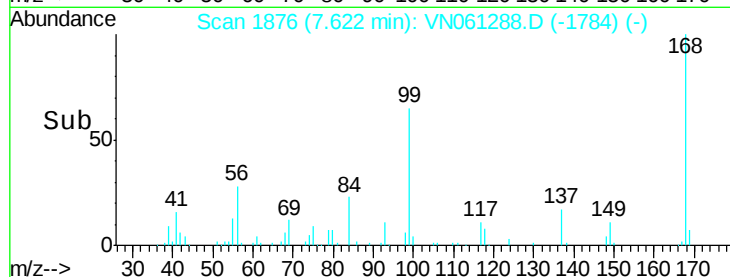
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 18.408 ug/l

RT: 1.83 min Scan# 75

Delta R.T. 0.00 min

Lab File: VN061288.D

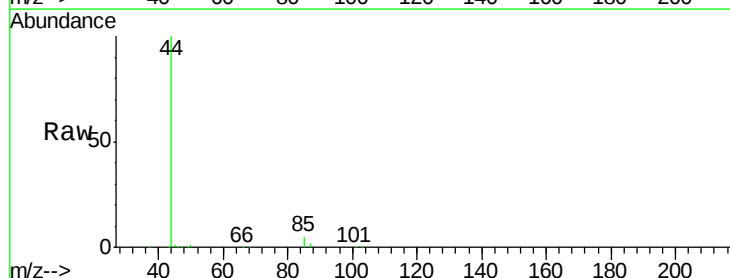
Acq: 5 May 2020 13:45

Tgt Ion: 85 Resp: 18868

Ion Ratio Lower Upper

85 100

87 31.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

15000

10000

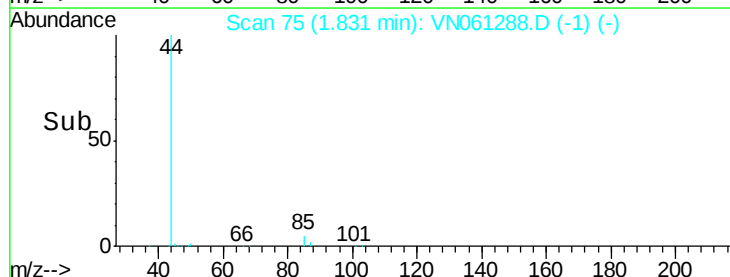
5000

0

1.80

1.85

Time-->





#3

Chloromethane

Concen: 20.073 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN0505MBS01

Tot Ion: 50 Resp: 24918

Ion Ratio Lower Upper

50 100

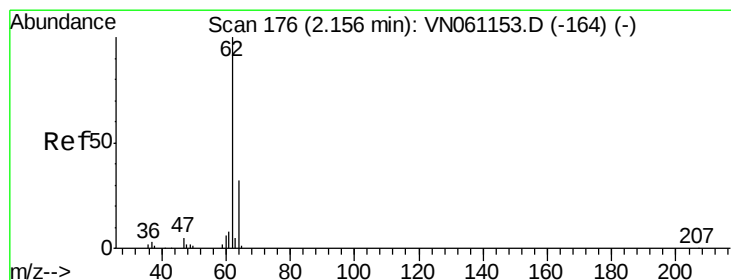
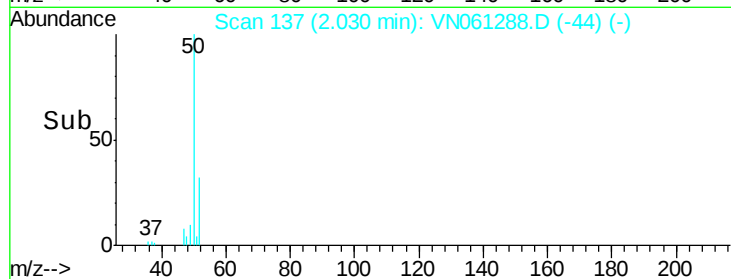
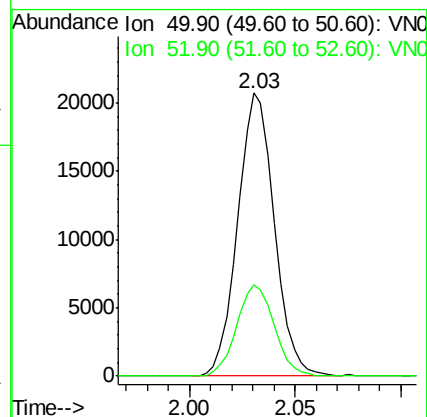
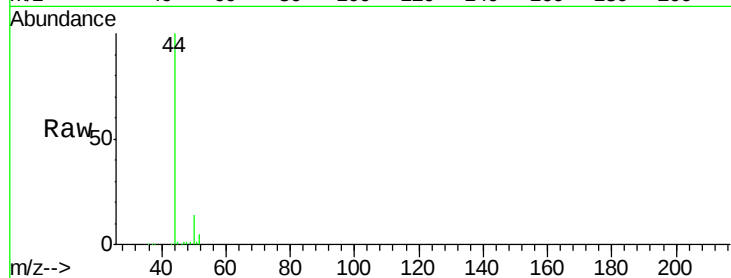
52 32.3 26.0 39.0

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#4

Vinyl Chloride

Concen: 19.566 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061288.D

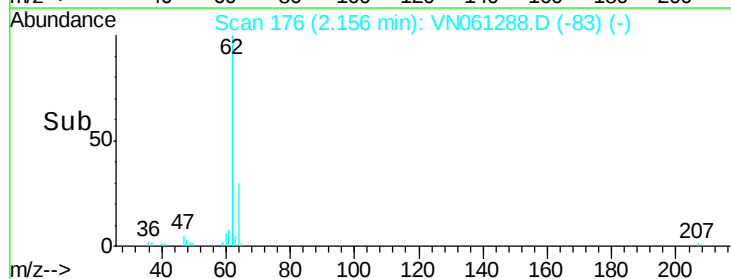
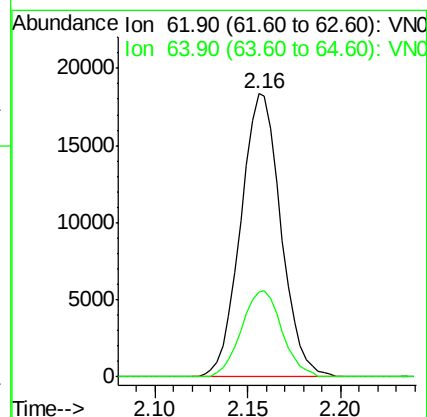
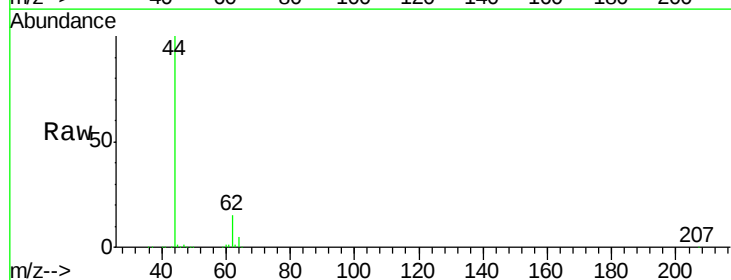
Acq: 5 May 2020 13:45

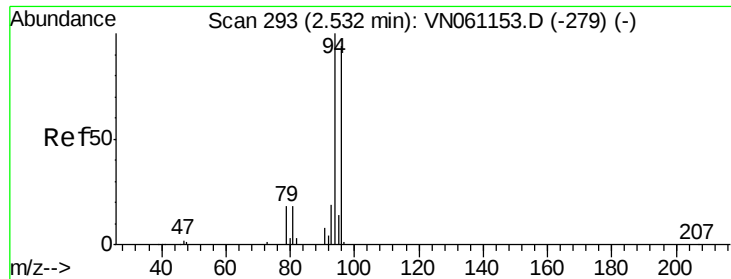
Tgt Ion: 62 Resp: 27588

Ion Ratio Lower Upper

62 100

64 30.1 25.2 37.8





#5

Bromomethane

Concen: 17.849 ug/l

RT: 2.54 min Scan# 295

Delta R.T. 0.01 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN0505MBS01

Tot Ion: 94 Resp: 12440

Ion Ratio Lower Upper

94 100

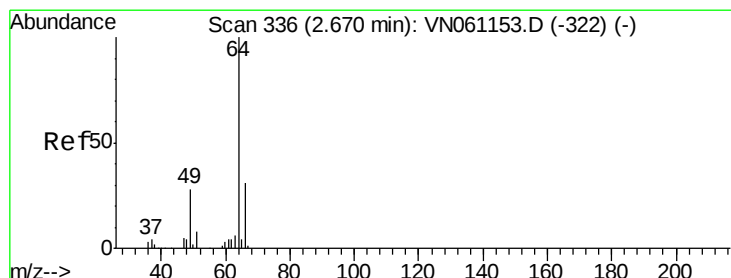
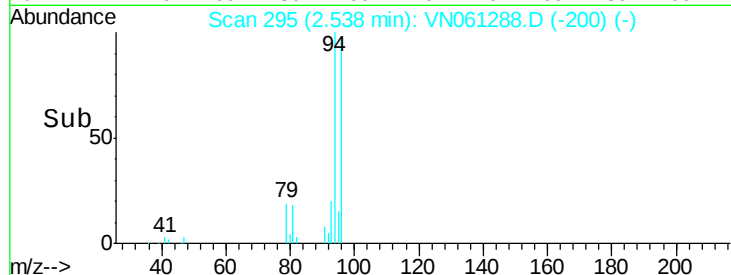
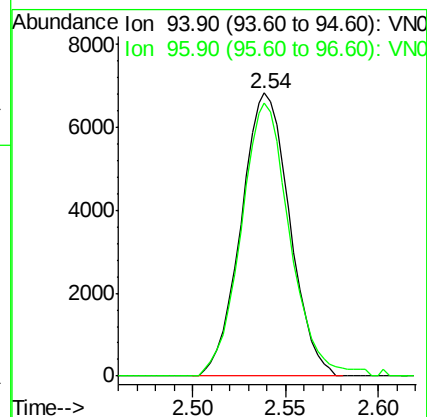
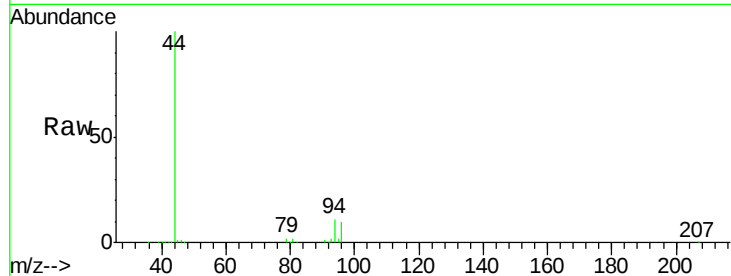
96 96.7 75.1 112.7

Manual Integrations

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#6

Chloroethane

Concen: 19.257 ug/l

RT: 2.67 min Scan# 336

Delta R.T. 0.00 min

Lab File: VN061288.D

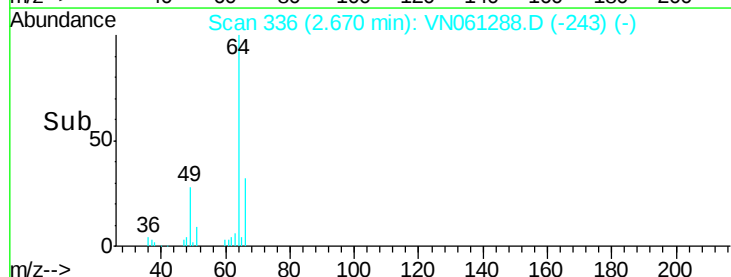
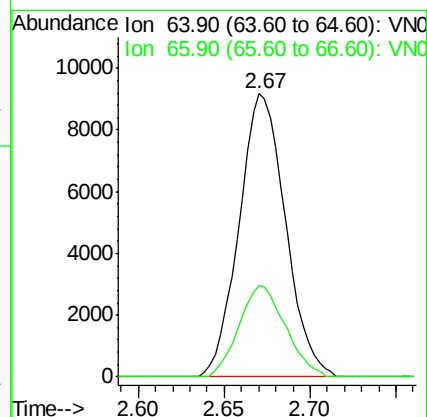
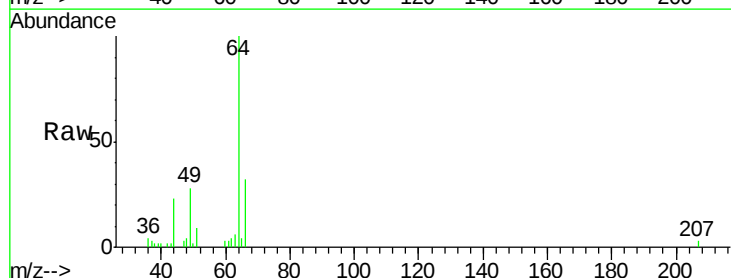
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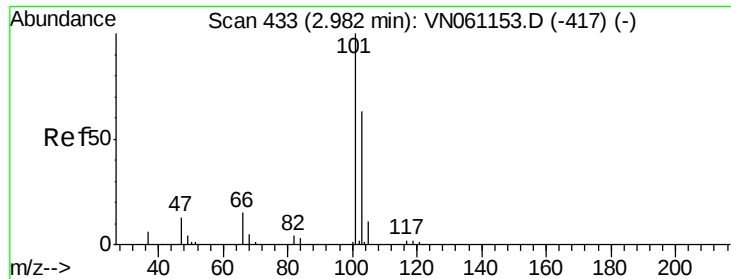
Tgt Ion: 64 Resp: 17210

Ion Ratio Lower Upper

64 100

66 32.1 24.6 36.8





#7

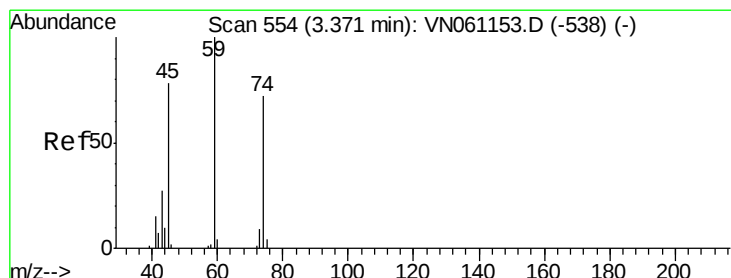
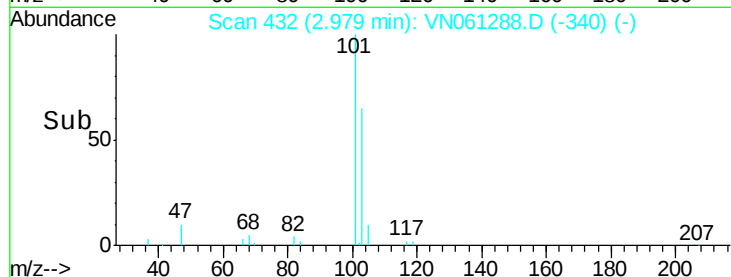
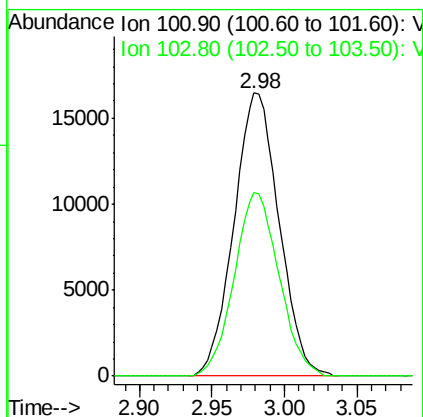
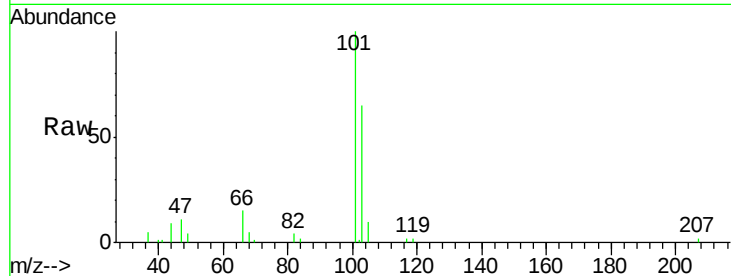
Trichlorofluoromethane
 Concen: 22.351 ug/l
 RT: 2.98 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: VN061288.D
 Acq: 5 May 2020 13:45

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 ClientSampleId :
 VN0505MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	50.6	76.0

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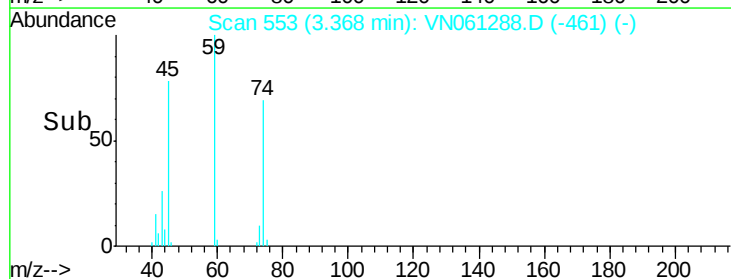
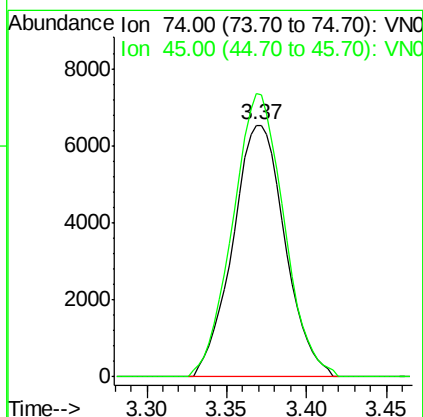
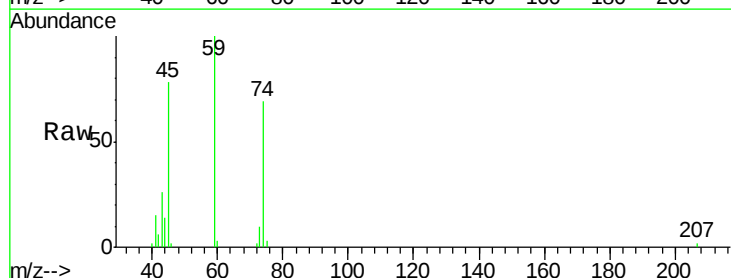
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 5/6/2020 11:37:23 AM

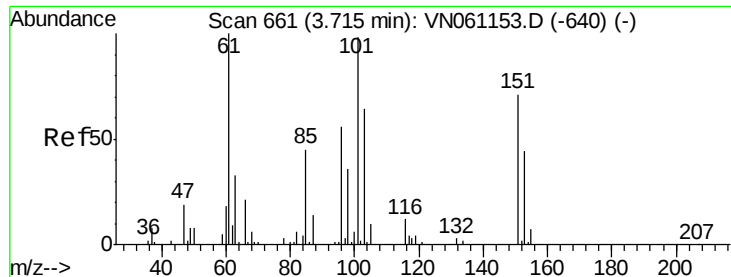


#8

Diethyl Ether
 Concen: 22.034 ug/l
 RT: 3.37 min Scan# 553
 Delta R.T. -0.00 min
 Lab File: VN061288.D
 Acq: 5 May 2020 13:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.6	53.3	160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.259 ug/l

RT: 3.71 min Scan# 660

Delta R.T. -0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Instrument :

MSVOA_N

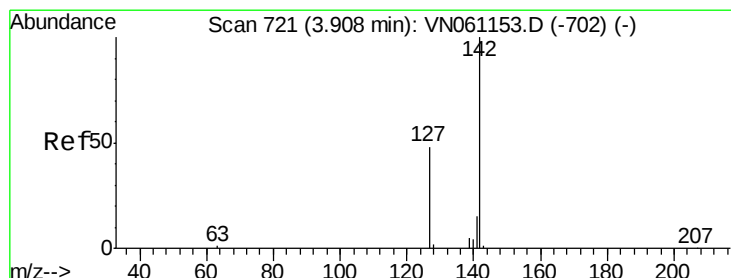
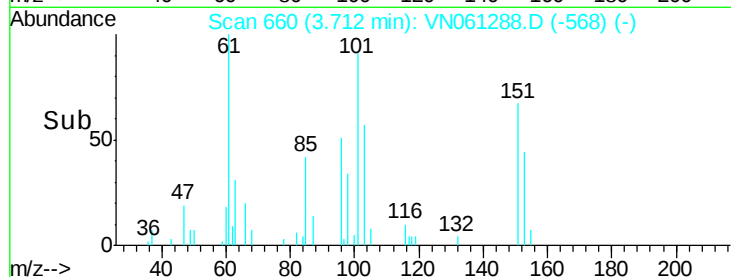
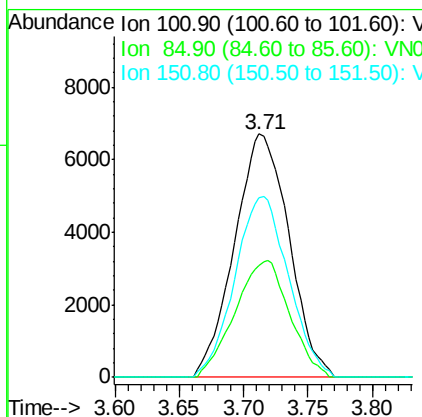
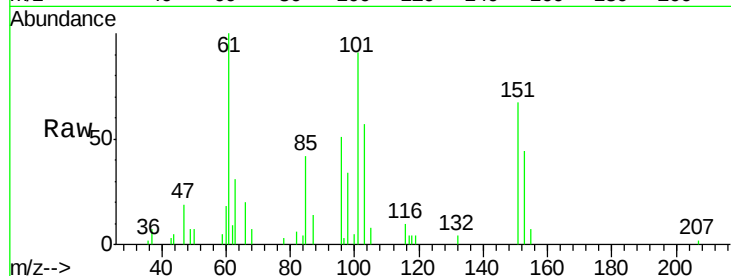
ClientSampled :

VN0505MBS01

Tot Ion:	101	Resp:	19737
Ion Ratio	Lower	Upper	
101	100		
85	48.1	37.2	55.8
151	73.2	57.7	86.5

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#10

Methyl Iodide

Concen: 16.262 ug/l

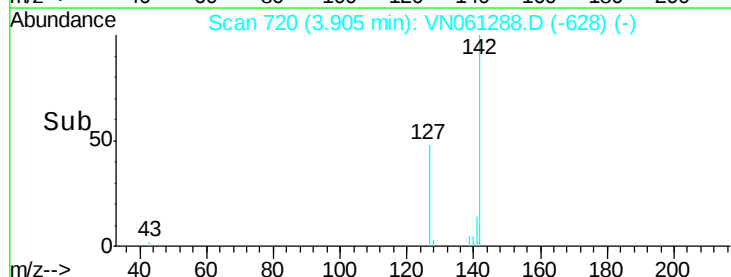
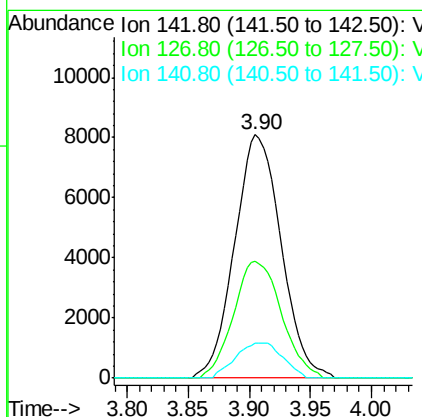
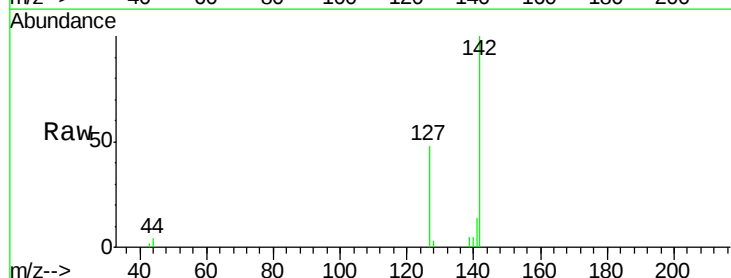
RT: 3.90 min Scan# 720

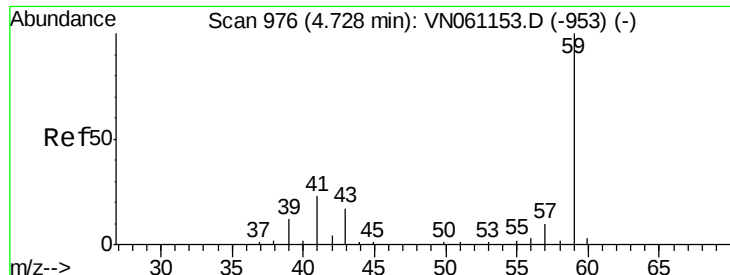
Delta R.T. -0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Tgt Ion:	142	Resp:	21418
Ion Ratio	Lower	Upper	
142	100		
127	49.5	38.0	57.0
141	14.6	11.7	17.5





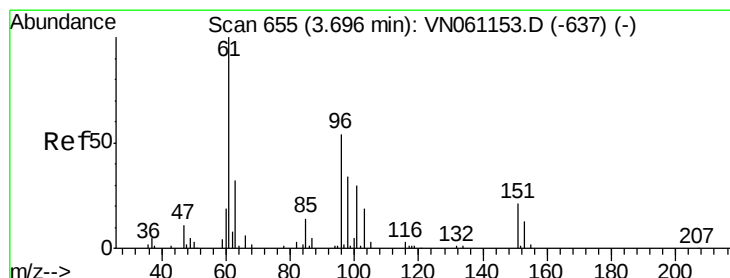
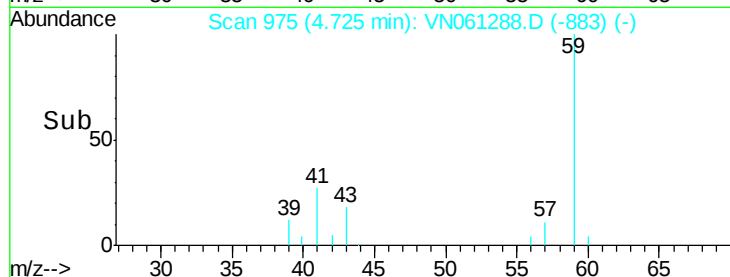
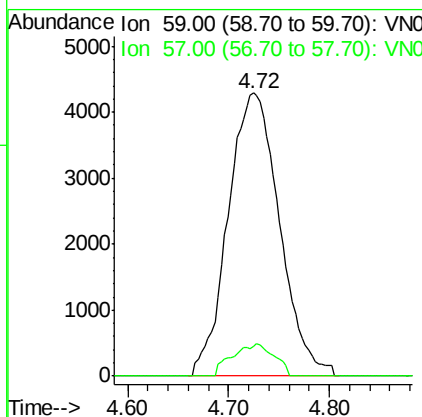
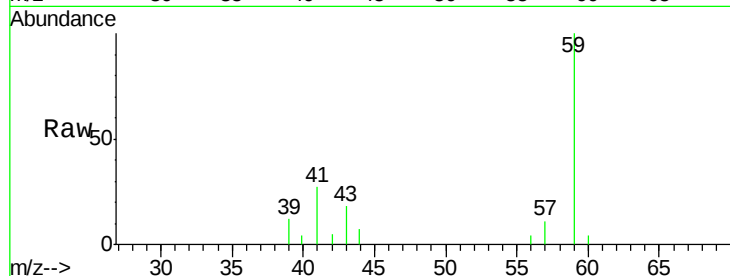
#11
Tert butyl alcohol
Concen: 74.058 ug/l
RT: 4.72 min Scan# 975
Delta R.T. -0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.2	8.3	12.5

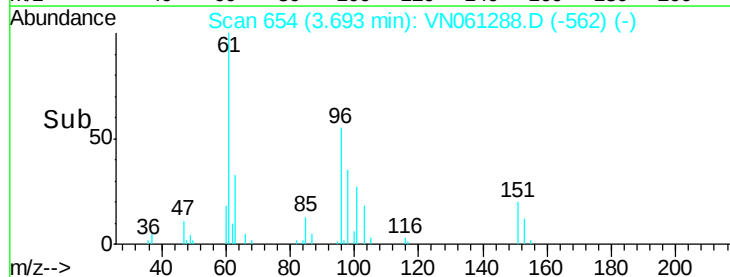
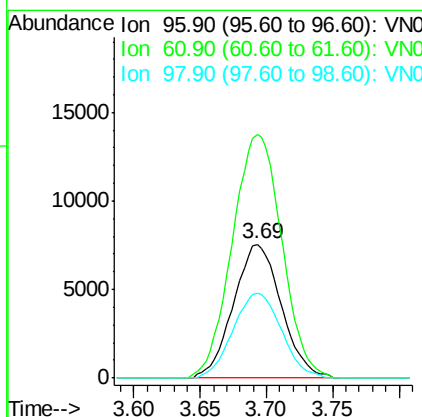
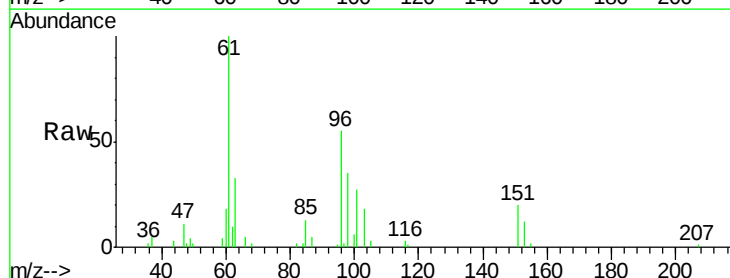
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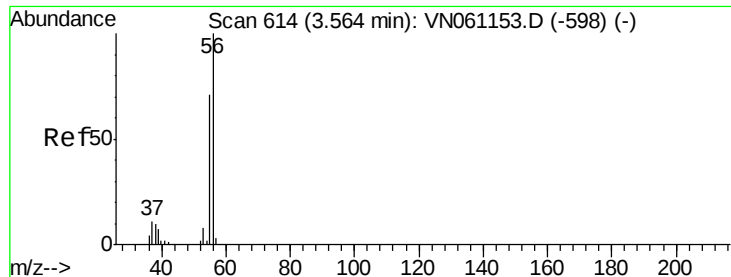
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#12
1,1-Dichloroethene
Concen: 18.625 ug/l
RT: 3.69 min Scan# 654
Delta R.T. -0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	181.8	147.0	220.6
98	63.6	49.8	74.6





#13

Acrolein

Concen: 91.605 ug/l

RT: 3.56 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN0505MBS01

Tot Ion: 56 Resp: 12507

Ion Ratio Lower Upper

56 100

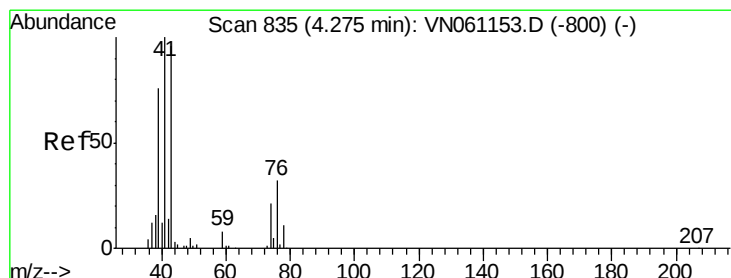
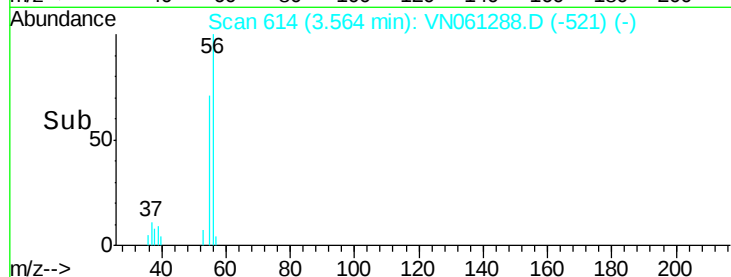
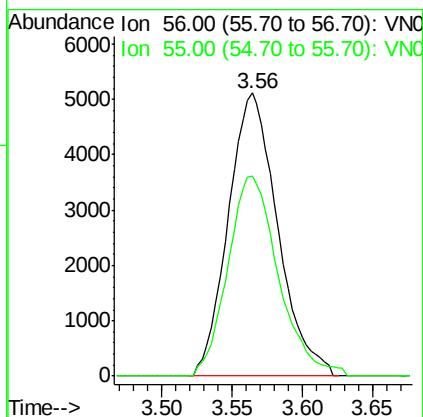
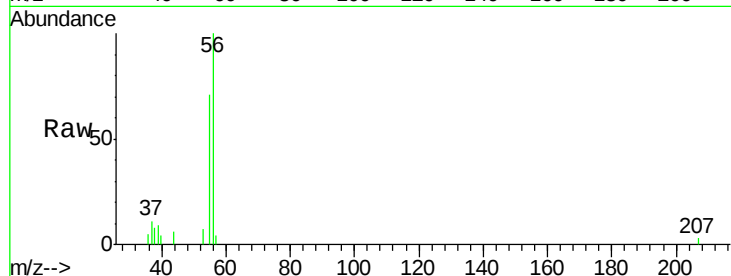
55 72.6 58.5 87.7

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#14

Allyl chloride

Concen: 21.632 ug/l

RT: 4.27 min Scan# 833

Delta R.T. -0.01 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

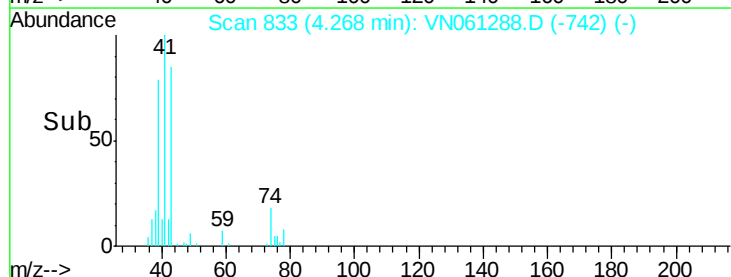
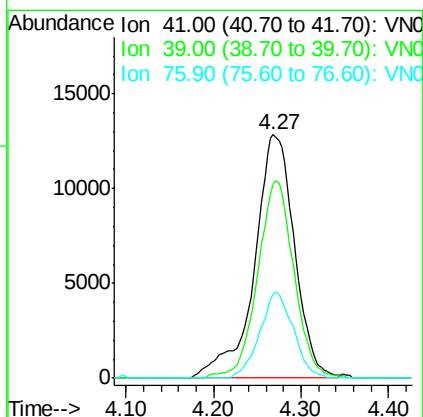
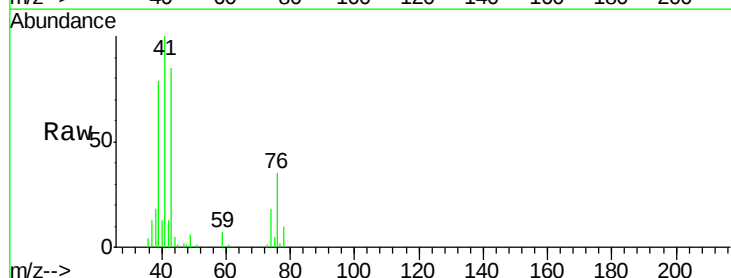
Tgt Ion: 41 Resp: 40905

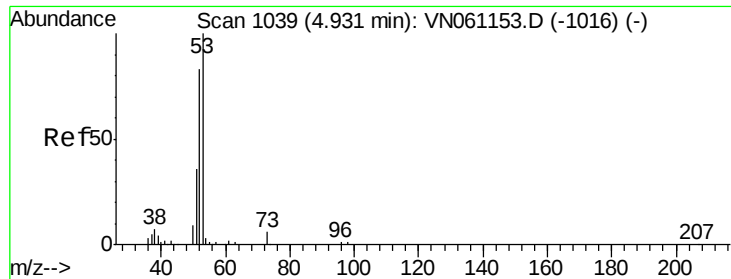
Ion Ratio Lower Upper

41 100

39 73.4 57.1 85.7

76 29.6 24.3 36.5





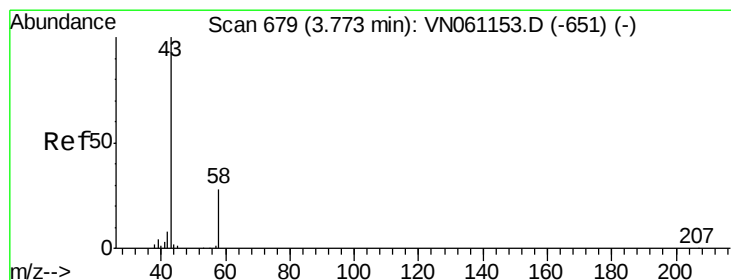
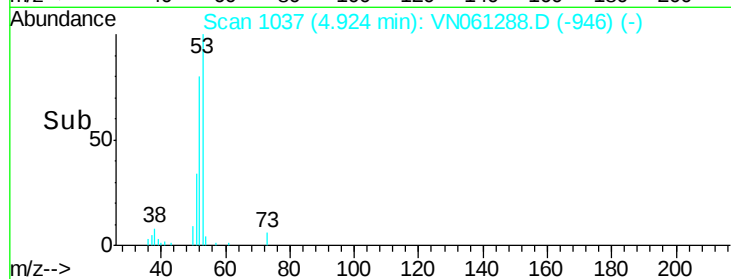
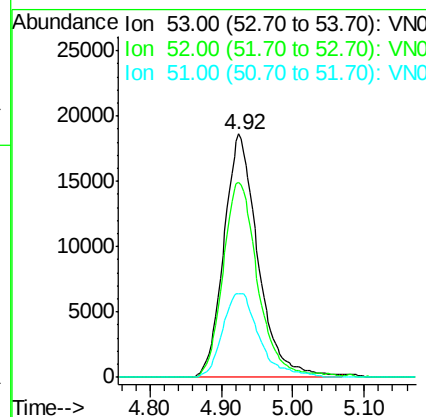
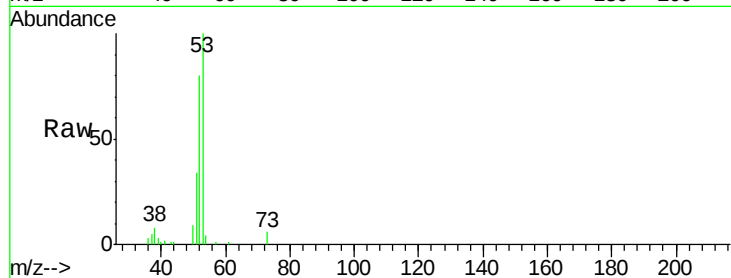
#15
 Acrylonitrile
 Concen: 98.462 ug/l
 RT: 4.92 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: VN061288.D
 Acq: 5 May 2020 13:45

Instrument :
 MSVOA_N
 ClientSampled :
 VN0505MBS01

Tot Ion:	53	Resp:	61925
Ion Ratio	Lower	Upper	
53	100		
52	80.9	65.4	98.0
51	37.3	29.5	44.3

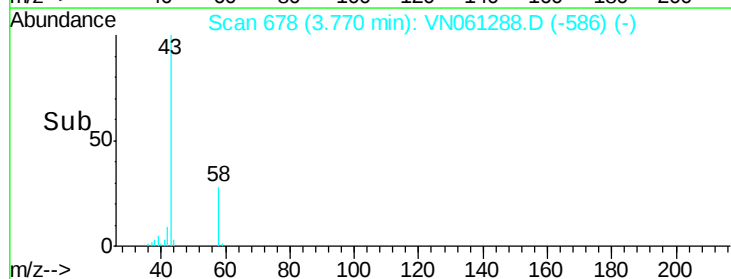
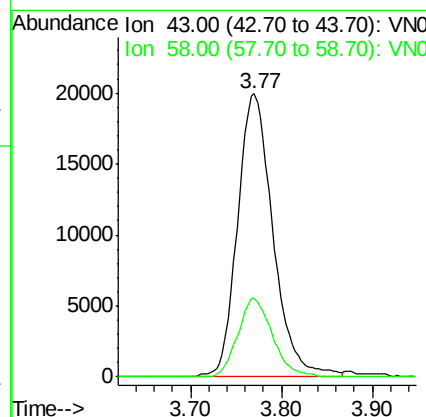
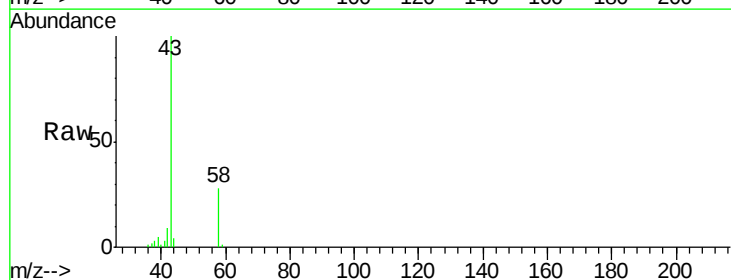
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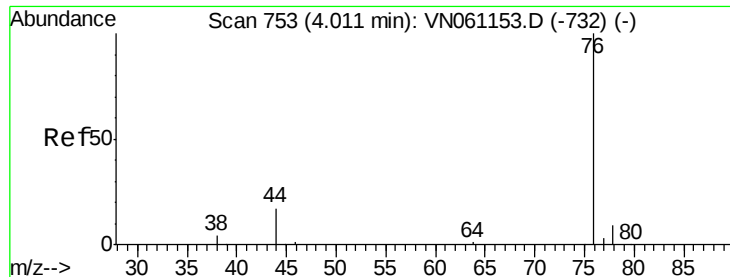
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#16
 Acetone
 Concen: 87.838 ug/l
 RT: 3.77 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: VN061288.D
 Acq: 5 May 2020 13:45

Tgt Ion:	43	Resp:	54076
Ion Ratio	Lower	Upper	
43	100		
58	27.8	22.2	33.2





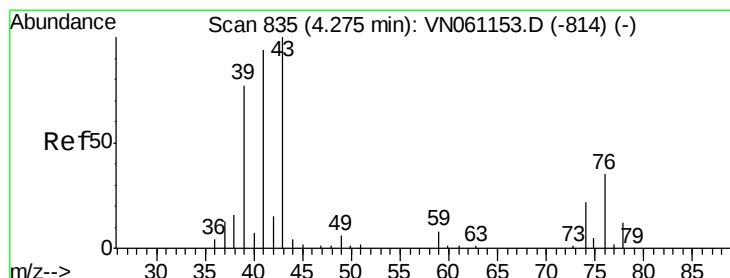
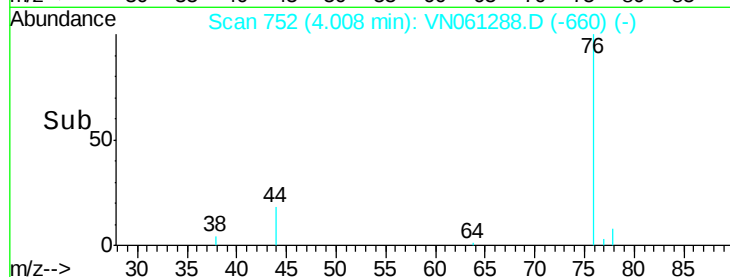
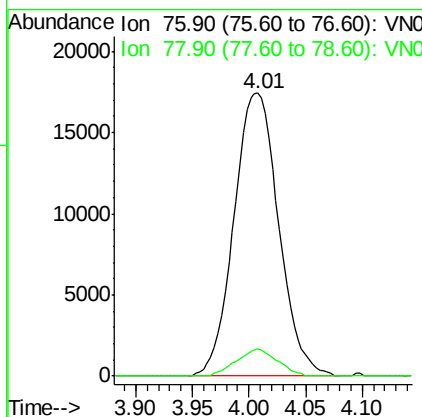
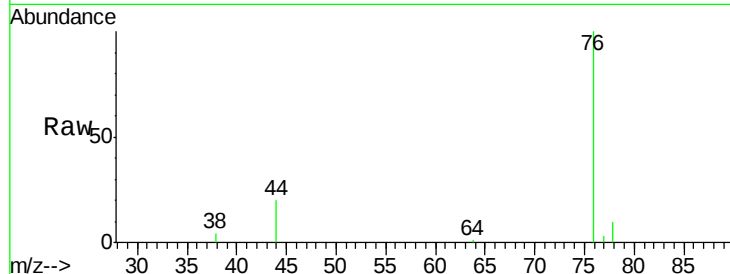
#17
Carbon Disulfide
Concen: 17.010 ug/l
RT: 4.01 min Scan# 752
Delta R.T. -0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.2	10.8

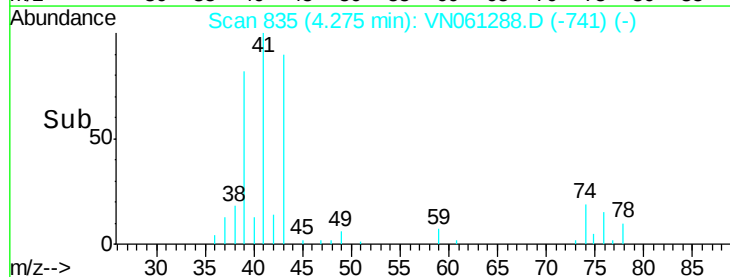
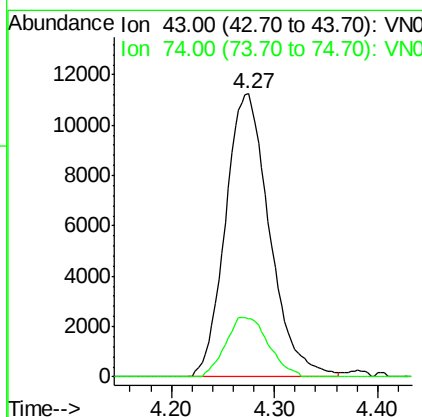
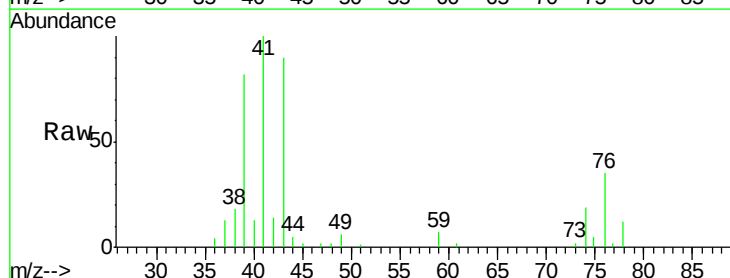
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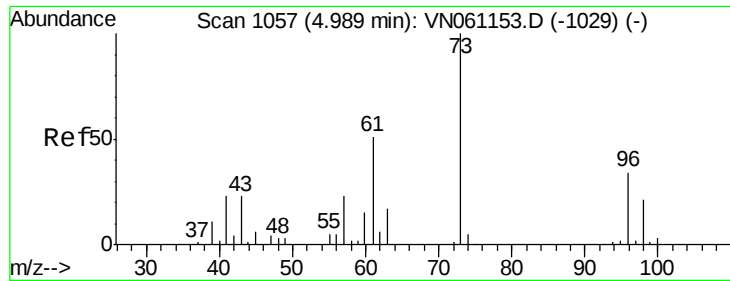
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#18
Methyl Acetate
Concen: 17.799 ug/l
RT: 4.27 min Scan# 835
Delta R.T. 0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.3	17.0	25.4





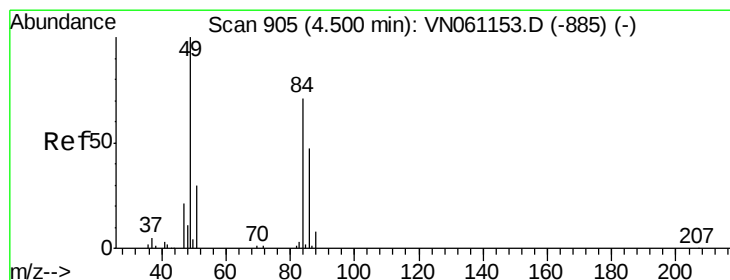
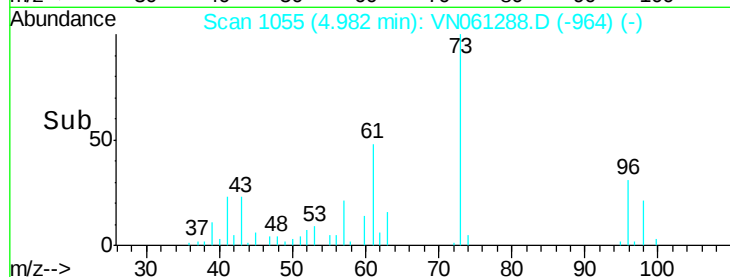
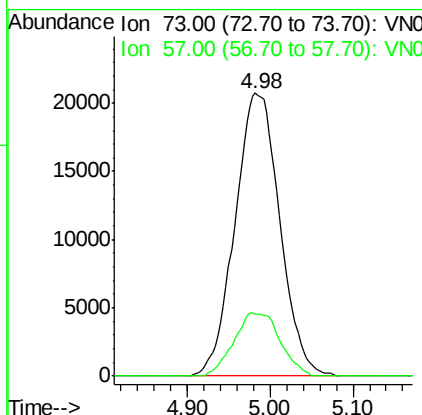
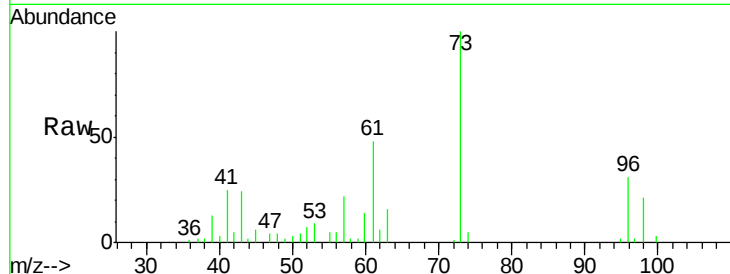
#19
Methyl tert-butyl Ether
Concen: 20.006 ug/l
RT: 4.98 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

Tot Ion: 73 Resp: 77959
Ion Ratio Lower Upper
73 100
57 21.9 18.3 27.5

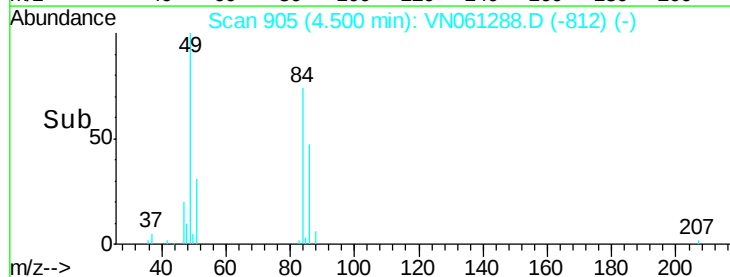
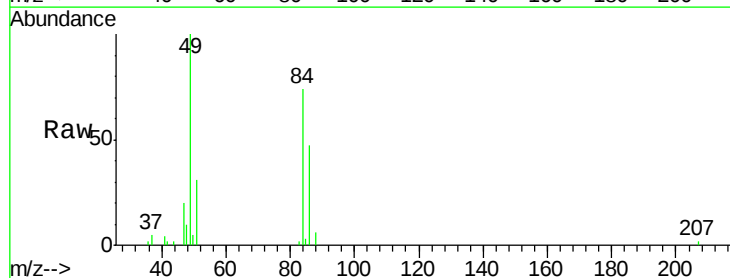
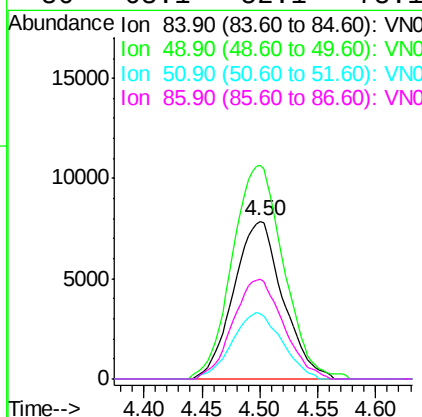
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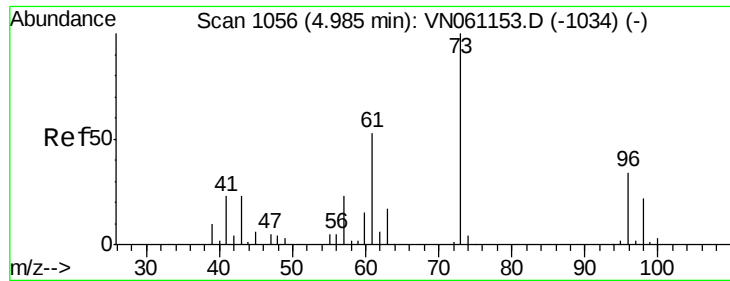
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#20
Methylene Chloride
Concen: 19.510 ug/l
RT: 4.50 min Scan# 905
Delta R.T. 0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Tgt Ion: 84 Resp: 23268
Ion Ratio Lower Upper
84 100
49 135.2 112.0 168.0
51 41.4 33.6 50.4
86 63.1 52.1 78.1





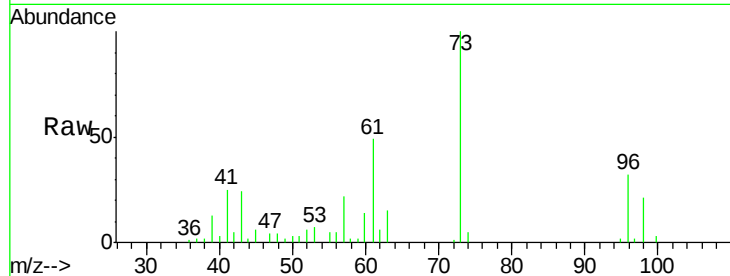
#21
trans-1,2-Dichloroethene
Concen: 18.850 ug/l
RT: 4.99 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Instrument :
MSVOA_N
ClientSampled :
VN0505MBS01

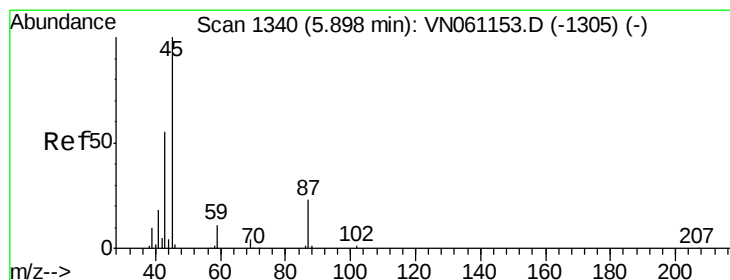
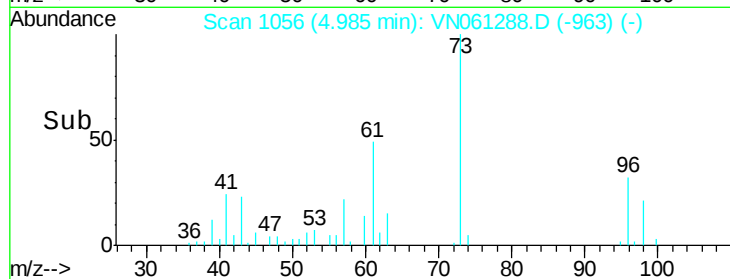
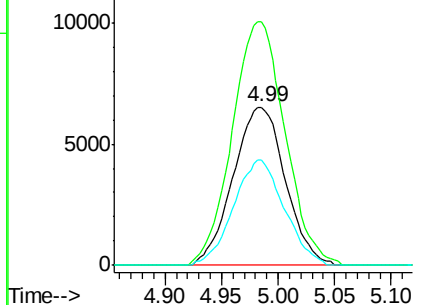
Tot Ion	Ratio	Lower	Upper
96	100		
61	153.8	123.0	184.4
98	66.2	50.1	75.1

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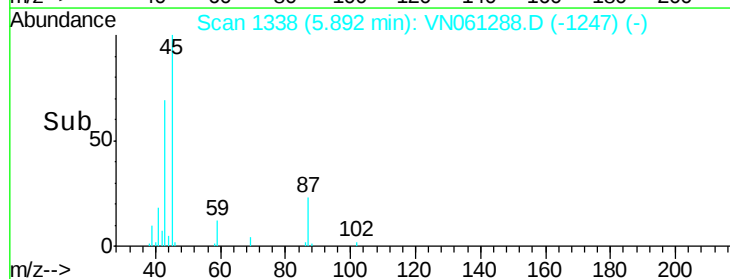
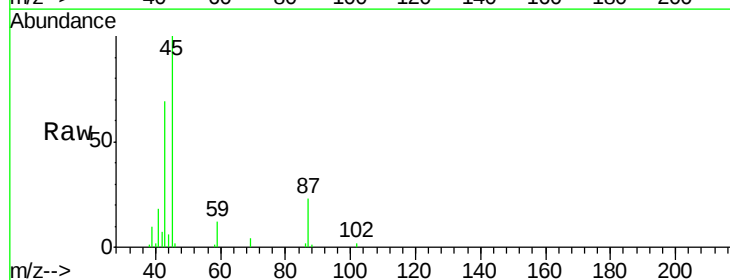
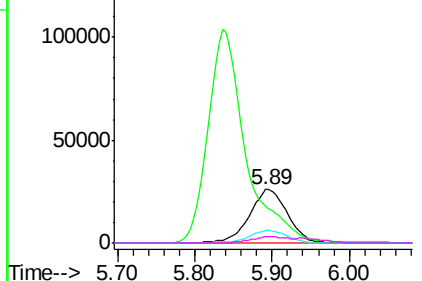
Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC



#22
Diisopropyl ether
Concen: 20.236 ug/l
RT: 5.89 min Scan# 1338
Delta R.T. -0.01 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Tgt Ion	Ratio	Lower	Upper
45	100		
43	66.1	47.9	71.9
87	23.2	19.2	28.8
59	11.9	9.0	13.4

Abundance Ion 45.00 (44.70 to 45.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 87.00 (86.70 to 87.70): VNC
Ion 59.00 (58.70 to 59.70): VNC





#23

Vinyl Acetate

Concen: 99.910 ug/l

RT: 5.84 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Instrument :

MSVOA_N

ClientSampled :

VN0505MBS01

Tot Ion: 43 Resp: 352748

Ion Ratio Lower Upper

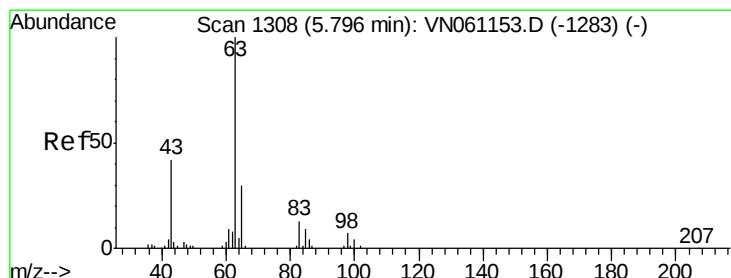
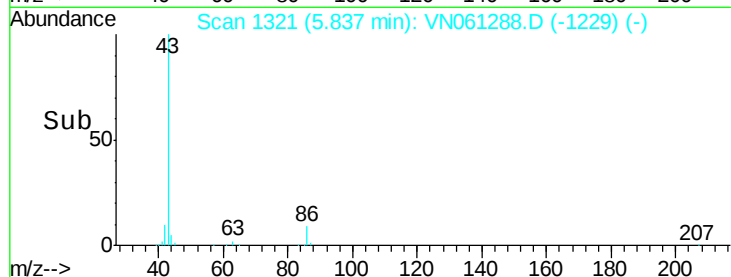
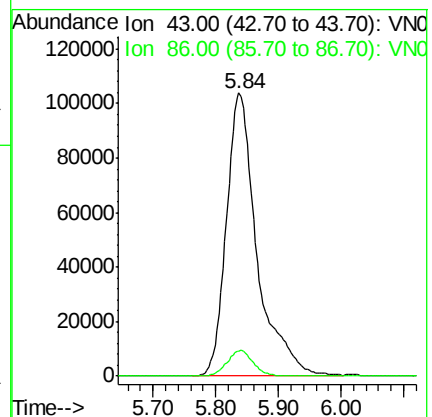
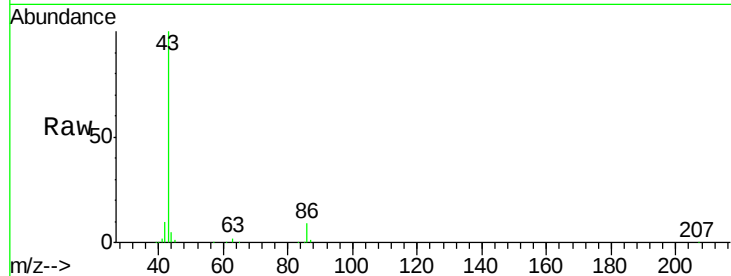
43 100

86 9.0 7.2 10.8

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#24

1,1-Dichloroethane

Concen: 19.575 ug/l

RT: 5.79 min Scan# 1307

Delta R.T. -0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

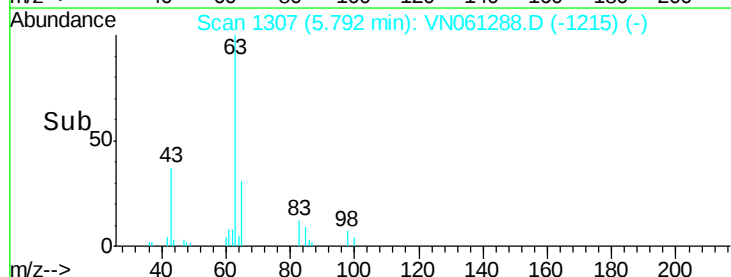
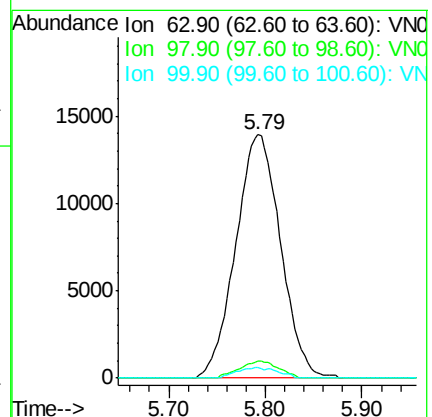
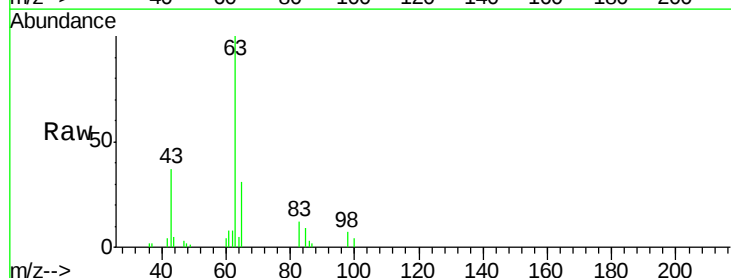
Tgt Ion: 63 Resp: 44846

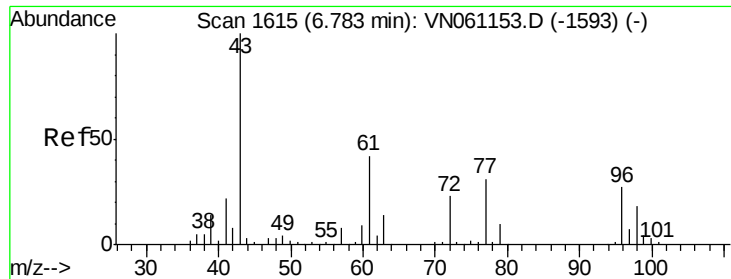
Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.9

100 4.3 1.9 5.7





#25

2-Butanone

Concen: 90.979 ug/l

RT: 6.78 min Scan# 1614

Delta R.T. -0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN0505MBS01

Tot Ion: 43 Resp: 82337

Ion Ratio Lower Upper

43 100

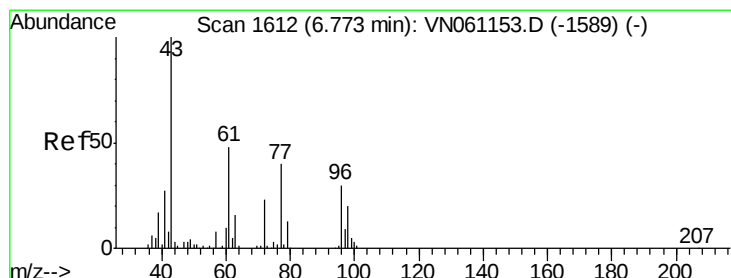
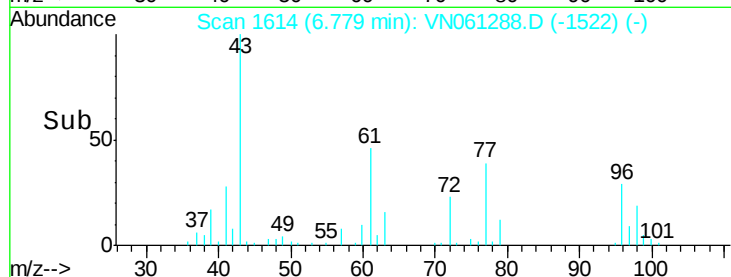
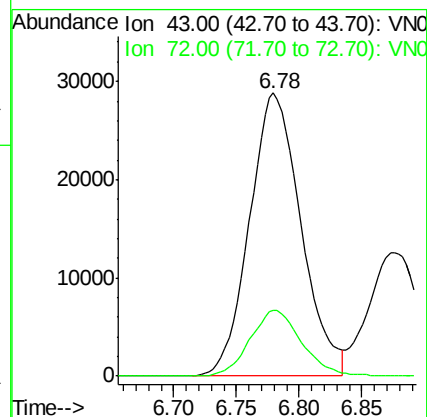
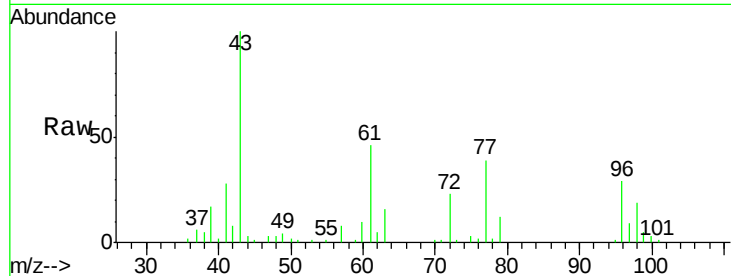
72 23.4 18.2 27.4

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#26

2,2-Dichloropropane

Concen: 20.375 ug/l

RT: 6.77 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VN061288.D

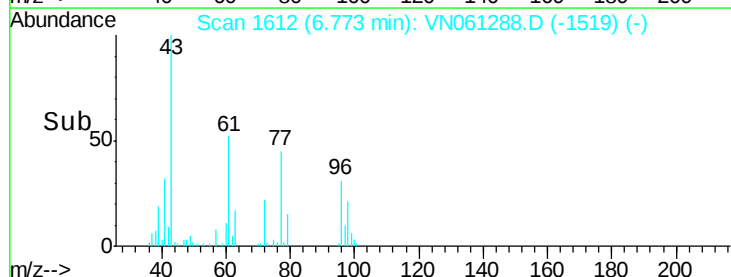
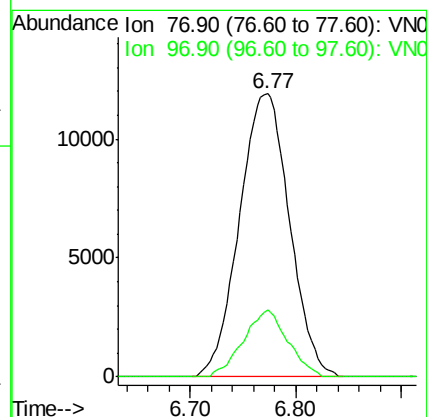
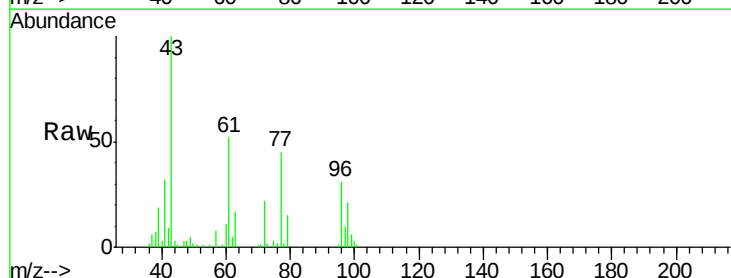
Acq: 5 May 2020 13:45

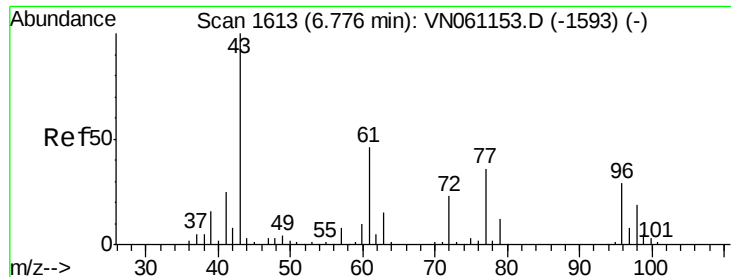
Tgt Ion: 77 Resp: 39317

Ion Ratio Lower Upper

77 100

97 20.9 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 19.215 ug/l

RT: 6.78 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Instrument :

MSVOA_N

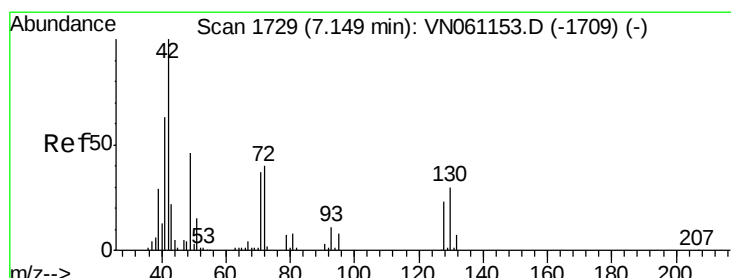
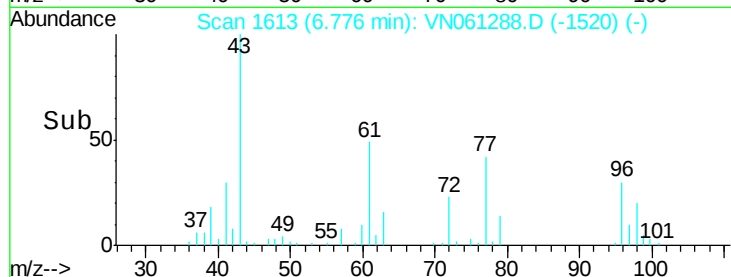
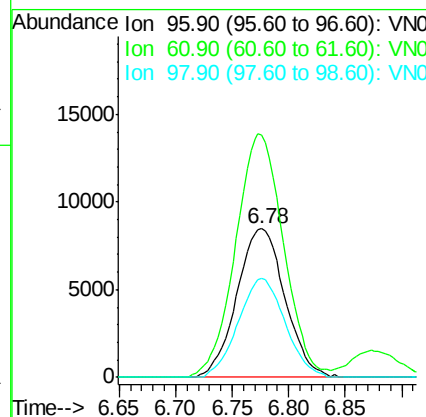
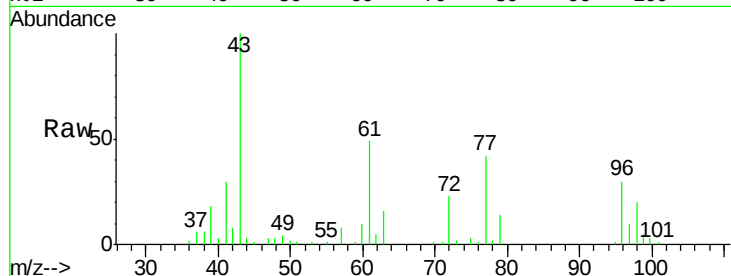
ClientSampleId :

VN0505MBS01

Tot Ion:	96	Resp:	25040
Ion	Ratio	Lower	Upper
96	100		
61	163.4	0.0	322.0
98	64.9	0.0	129.6

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#28

Bromochloromethane

Concen: 20.299 ug/l

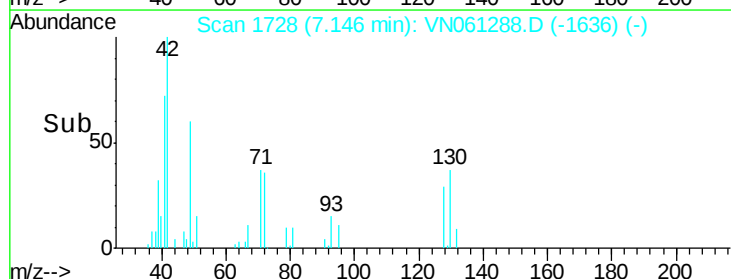
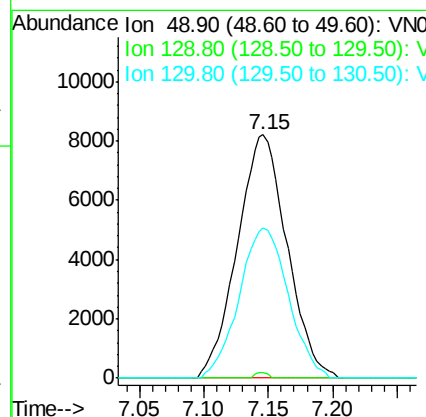
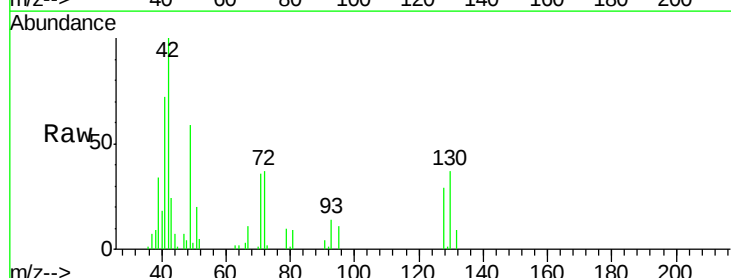
RT: 7.15 min Scan# 1728

Delta R.T. -0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Tgt Ion:	49	Resp:	22043
Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	3.0
130	60.9	51.4	77.2





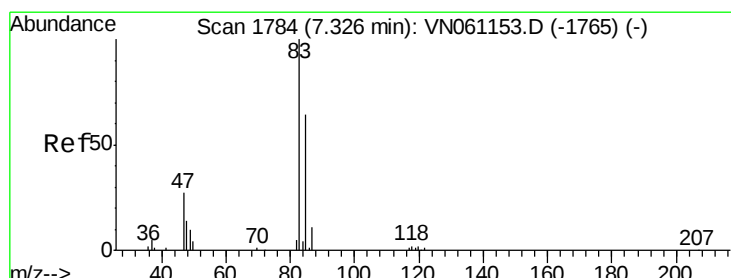
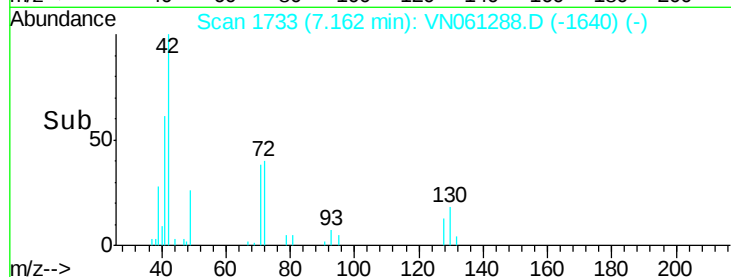
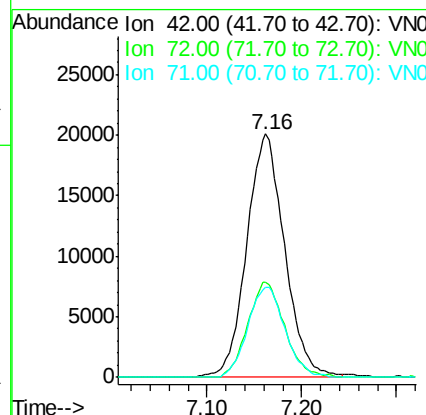
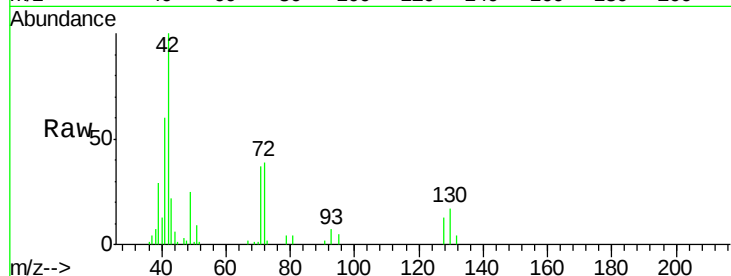
#29
Tetrahydrofuran
Concen: 91.824 ug/l
RT: 7.16 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Instrument :
MSVOA_N
ClientSampled :
VN0505MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.0	31.4	47.0
71	36.5	29.5	44.3

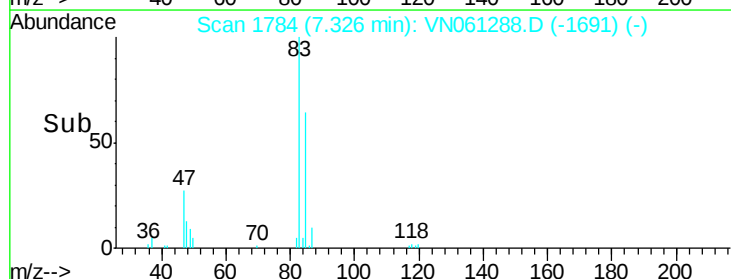
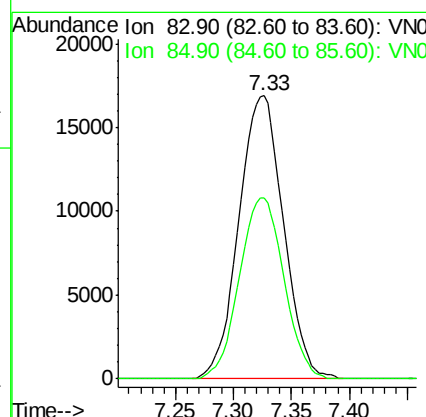
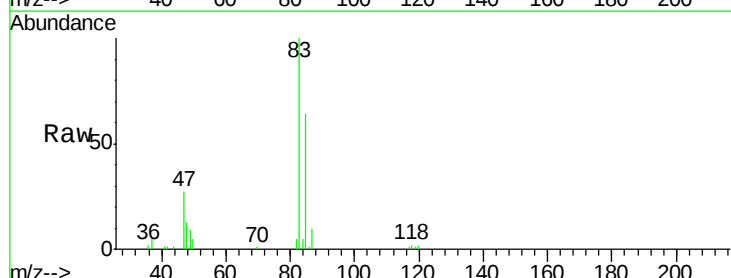
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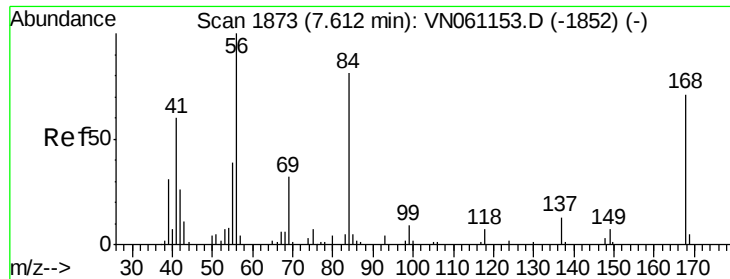
MMDadoda
5/6/2020 11:37:23 AM



#30
Chloroform
Concen: 19.472 ug/l
RT: 7.33 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.1	76.7





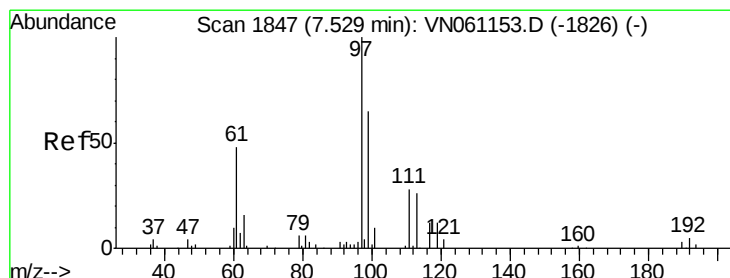
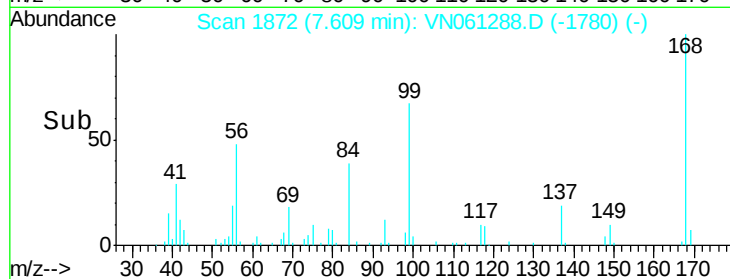
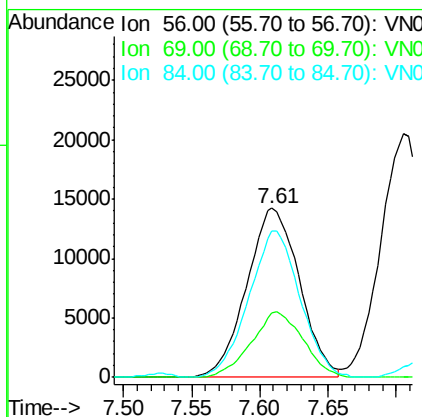
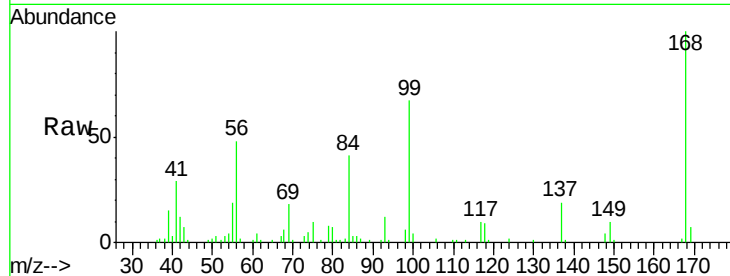
#31
Cyclohexane
Concen: 17.157 ug/l
RT: 7.61 min Scan# 1872
Delta R.T. -0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Instrument :
MSVOA_N
ClientSampled :
VN0505MBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.1	25.7	38.5
84	86.8	64.6	97.0

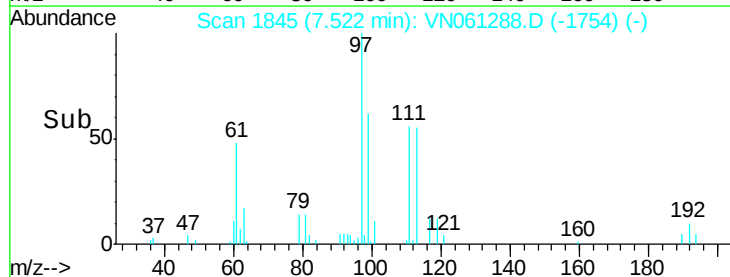
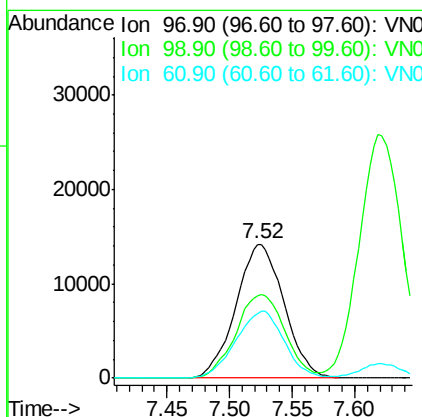
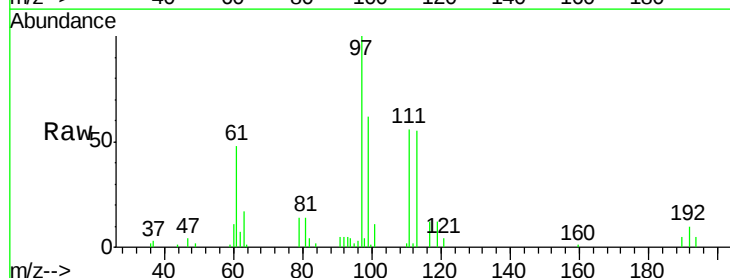
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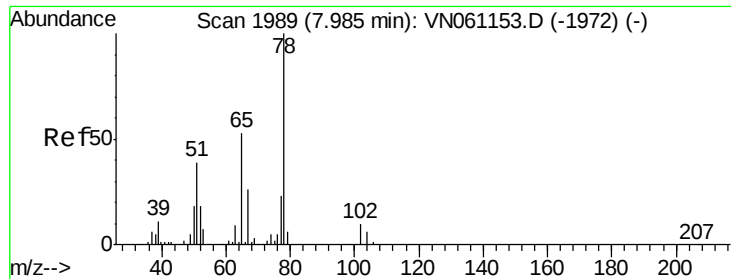
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#32
1,1,1-Trichloroethane
Concen: 18.653 ug/l
RT: 7.52 min Scan# 1845
Delta R.T. -0.01 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.3	76.9
61	50.1	38.6	57.8





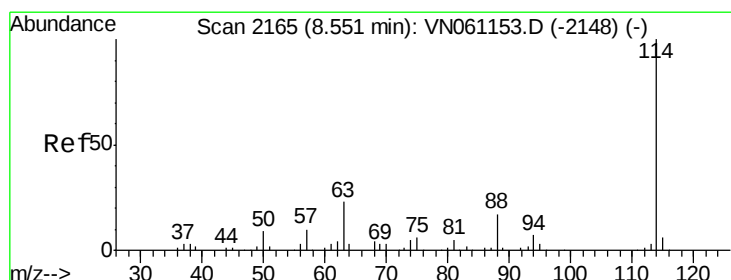
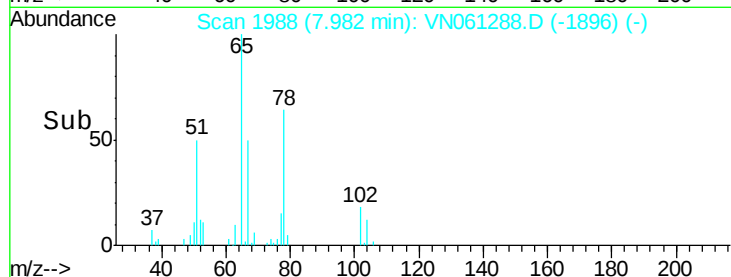
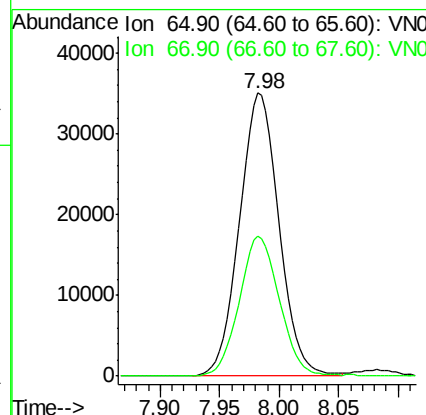
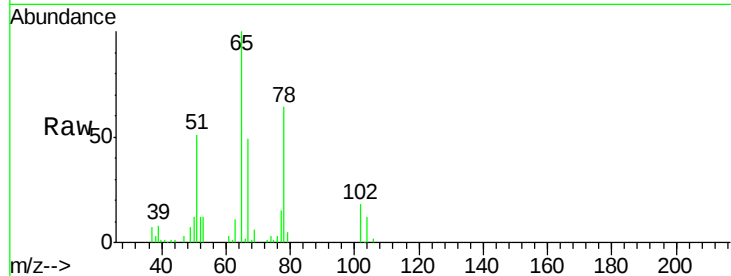
#33
 1,2-Dichloroethane-d4
 Concen: 52.760 ug/l
 RT: 7.98 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: VN061288.D
 Acq: 5 May 2020 13:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505MBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	50.0	0.0	101.6	

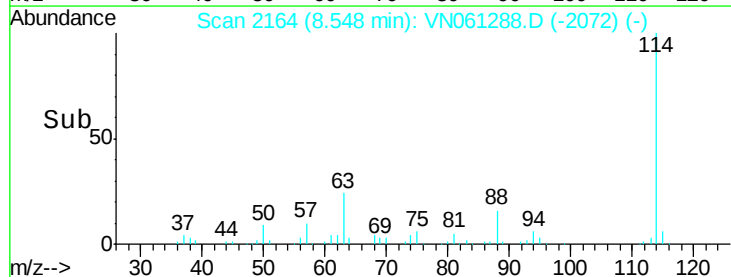
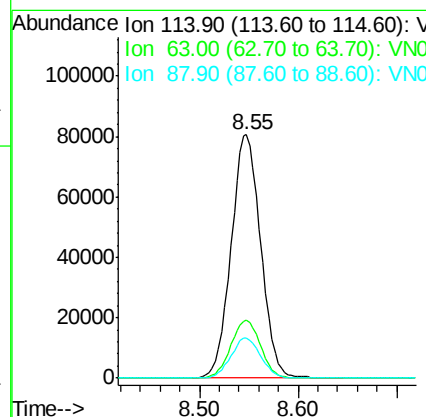
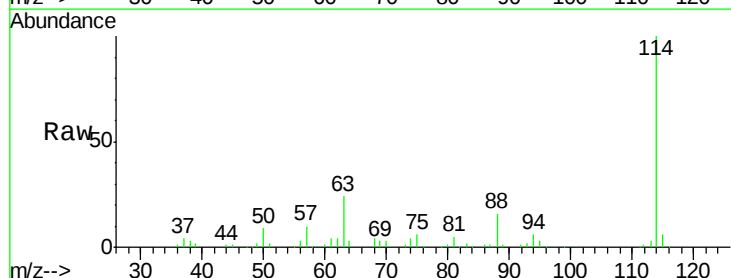
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061288.D
 Acq: 5 May 2020 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	23.6	0.0	46.6	
88	16.3	0.0	33.4	





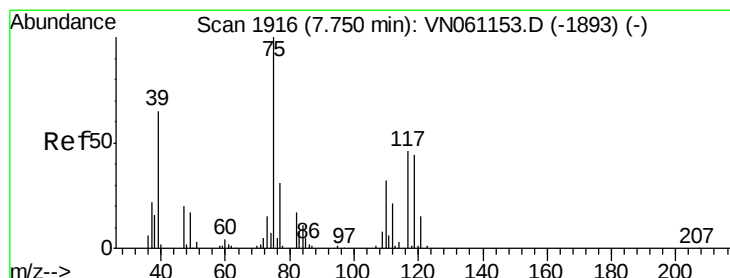
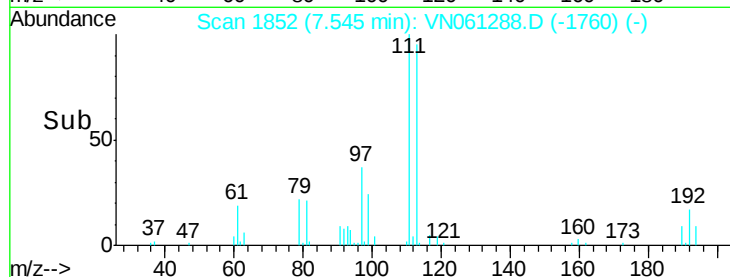
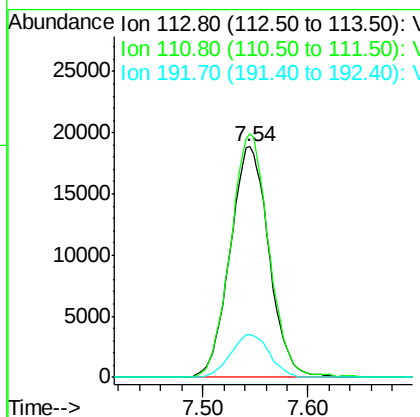
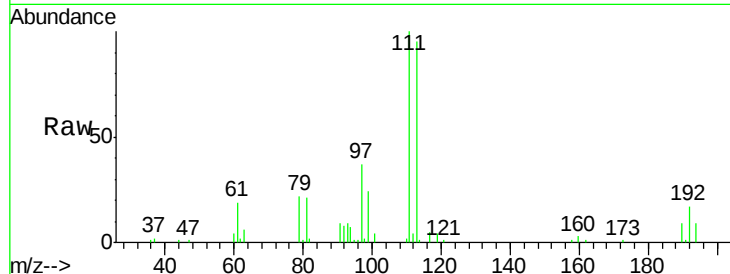
#35
 Dibromofluoromethane
 Concen: 48.359 ug/l
 RT: 7.54 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VN061288.D
 Acq: 5 May 2020 13:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505MBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.9	124.3
192	18.4	14.7	22.1

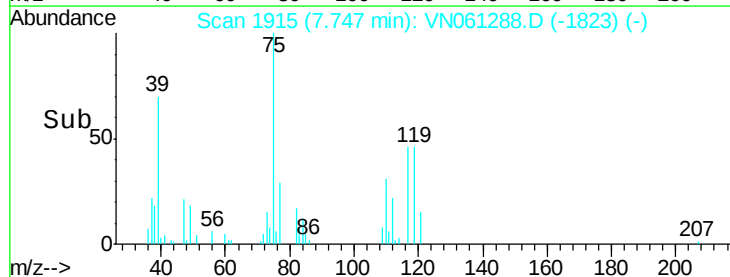
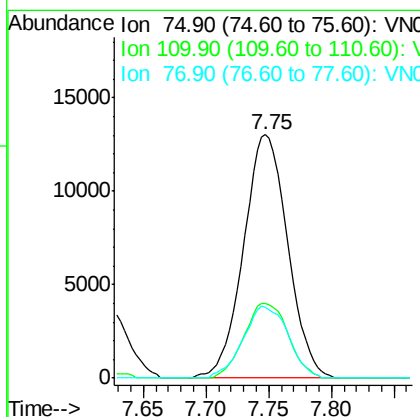
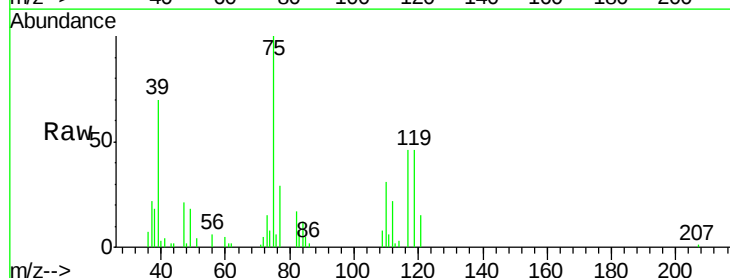
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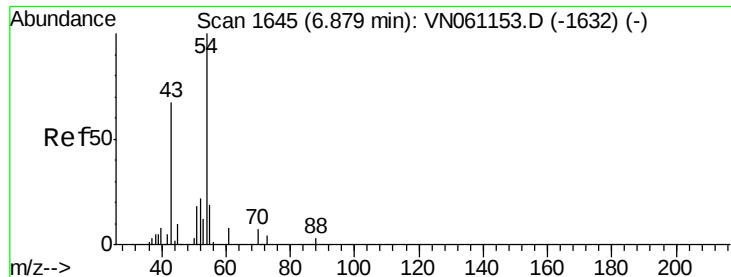
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#36
 1,1-Dichloropropene
 Concen: 18.958 ug/l
 RT: 7.75 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VN061288.D
 Acq: 5 May 2020 13:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	30.8	16.0	48.0
77	30.0	24.6	37.0





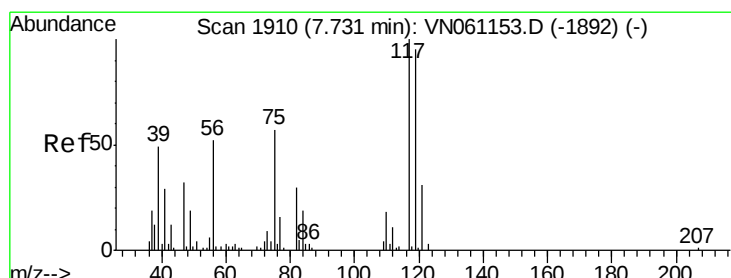
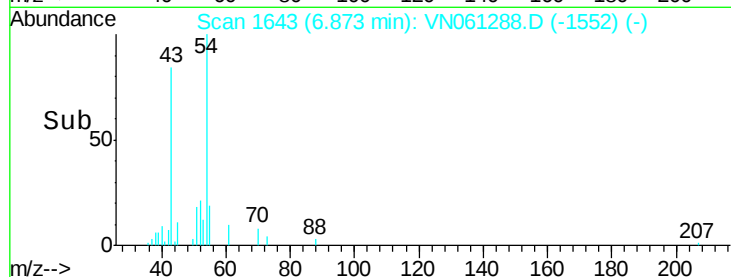
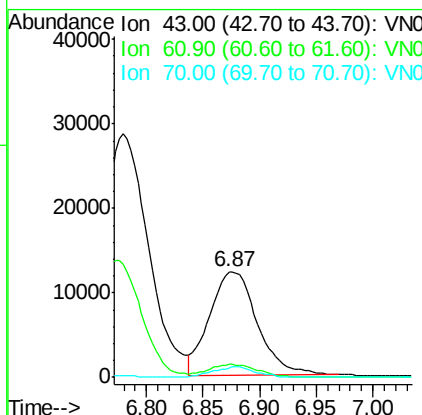
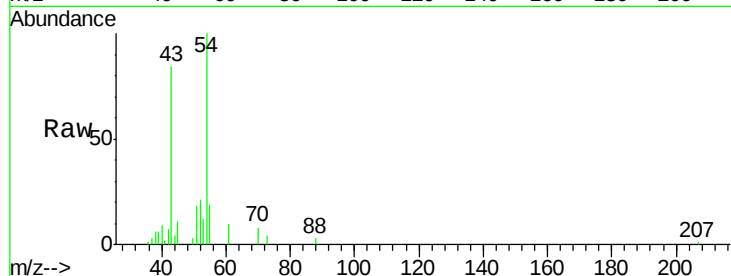
#37
Ethyl Acetate
Concen: 18.355 ug/l
RT: 6.87 min Scan# 1643
Delta R.T. -0.01 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.2	15.2
70	8.9	7.2	10.8

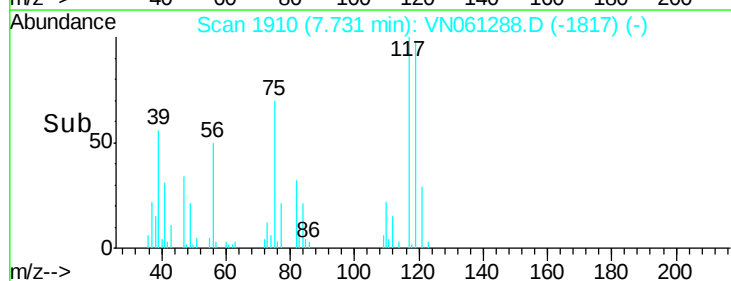
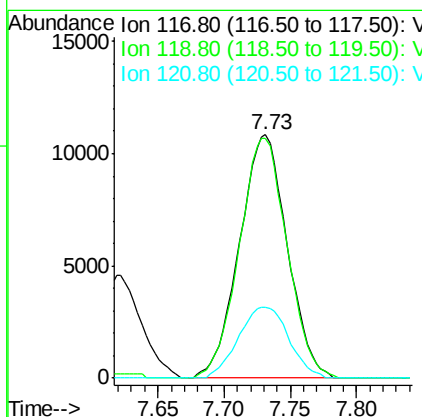
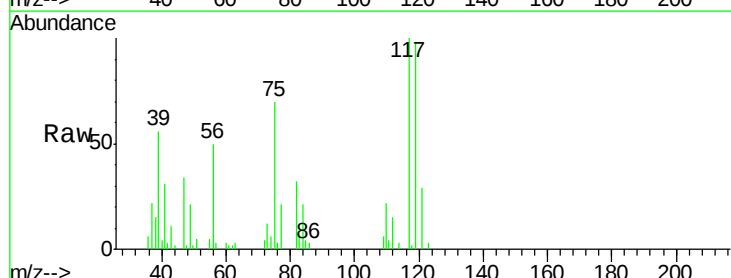
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#38
Carbon Tetrachloride
Concen: 19.167 ug/l
RT: 7.73 min Scan# 1910
Delta R.T. 0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.5	75.8	113.6
121	29.1	24.7	37.1





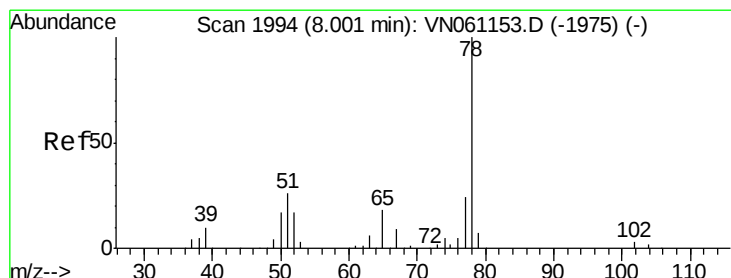
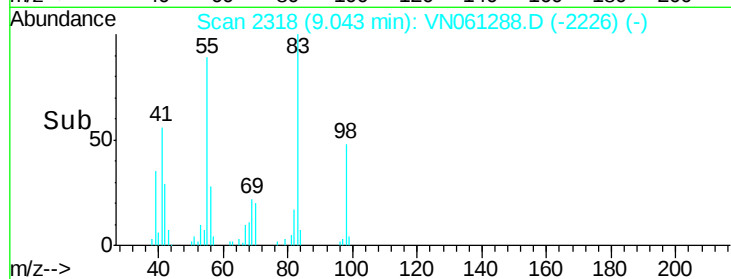
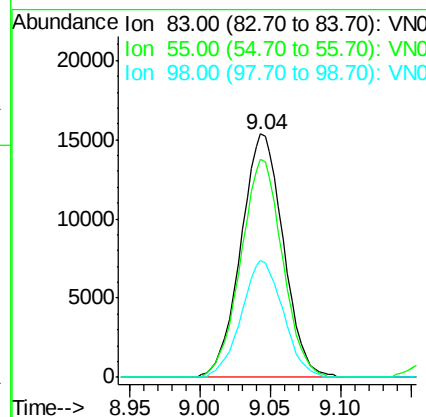
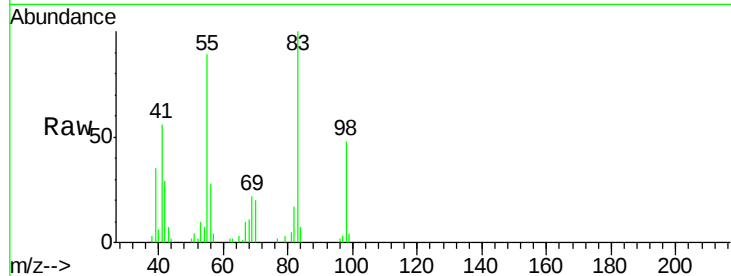
#39
Methvlcvclohexane
Concen: 17.096 ug/l
RT: 9.04 min Scan# 2318
Delta R.T. -0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	89.3	67.3	100.9
98	48.0	37.7	56.5

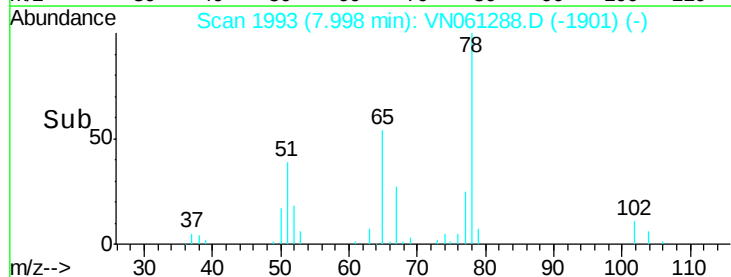
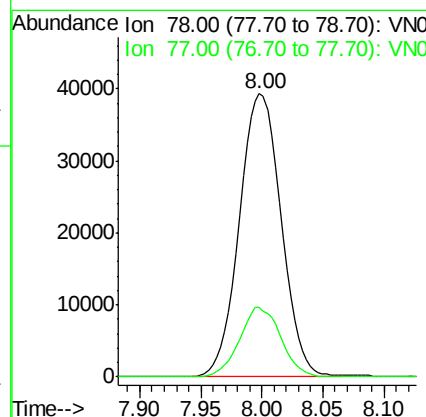
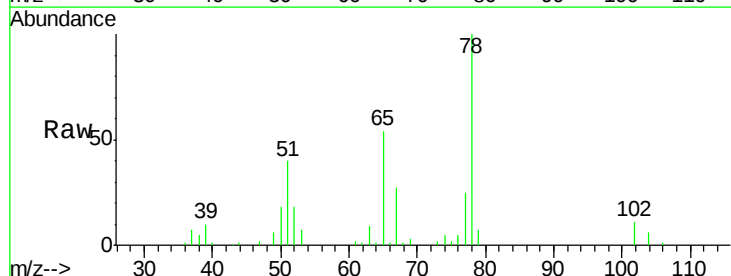
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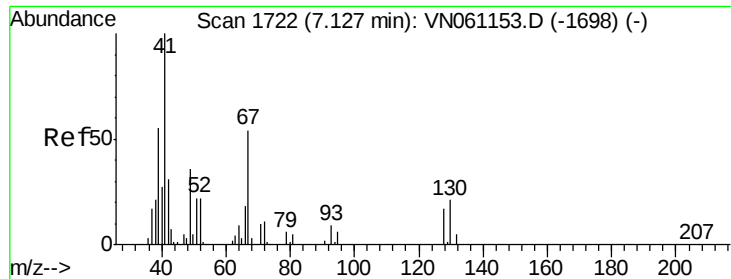
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#40
Benzene
Concen: 18.611 ug/l
RT: 8.00 min Scan# 1993
Delta R.T. -0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.0	28.6





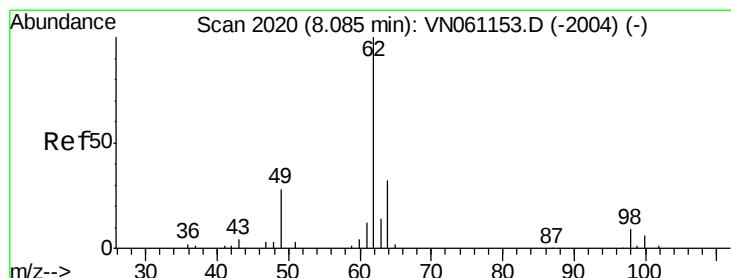
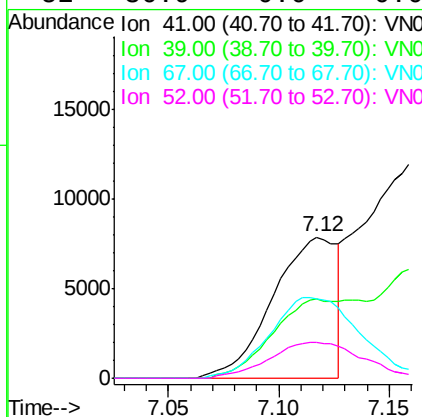
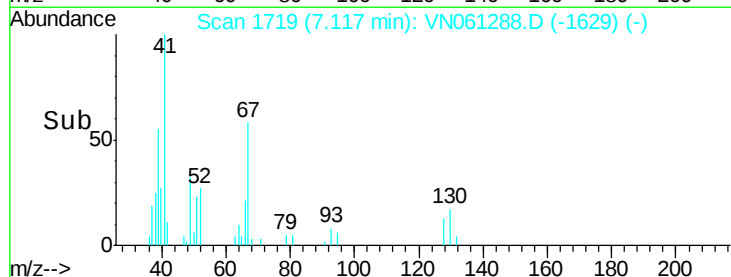
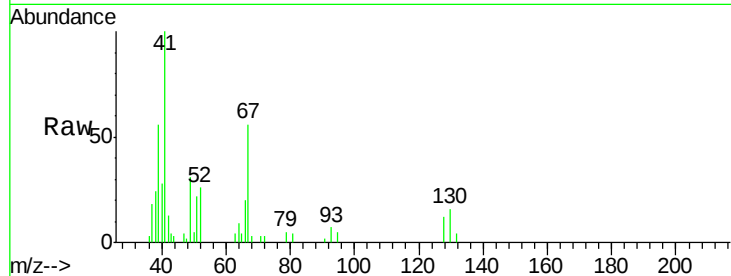
#41
Methacrylonitrile
Concen: 19.402 ug/l
RT: 7.12 min Scan# 1719
Delta R.T. -0.01 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Instrument :
MSVOA_N
ClientSampled :
VN0505MBS01

Tot Ion	41	Resp:	15922
Ion Ratio	Lower	Upper	
41	100		
39	50.9	0.0	0.0#
67	81.2	0.0	0.0#
52	36.9	0.0	0.0#

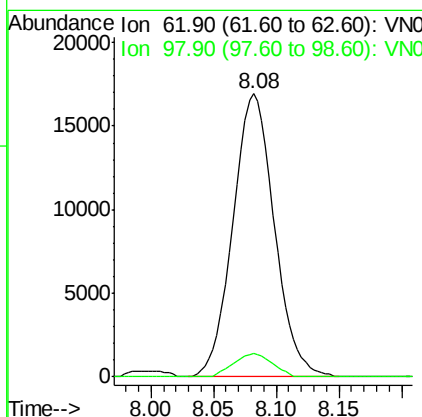
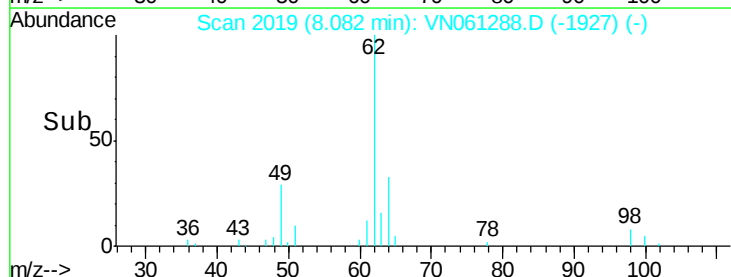
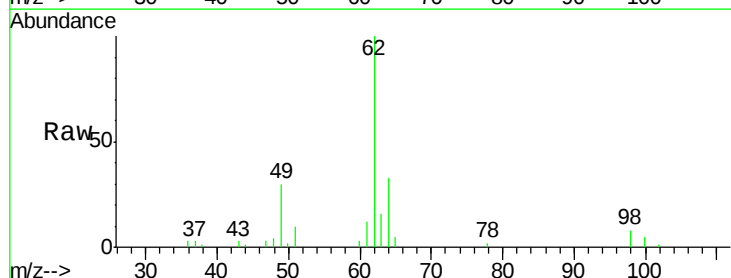
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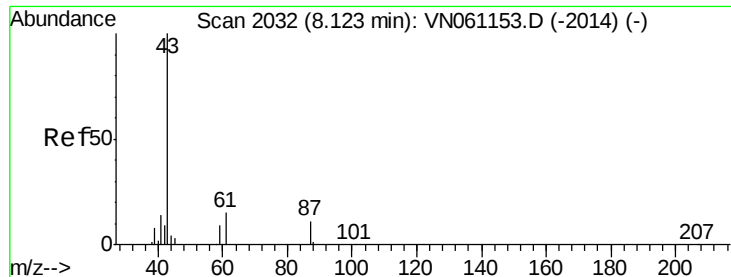
MMDadoda
5/6/2020 11:37:23 AM



#42
1,2-Dichloroethane
Concen: 20.477 ug/l
RT: 8.08 min Scan# 2019
Delta R.T. -0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Tgt Ion	62	Resp:	38965
Ion Ratio	Lower	Upper	
62	100		
98	7.7	0.0	16.8





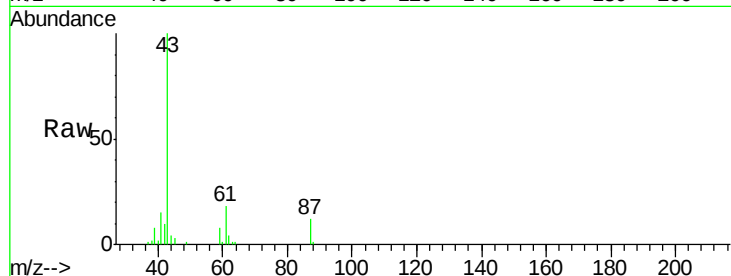
#43
Isopropyl Acetate
Concen: 18.961 ug/l
RT: 8.12 min Scan# 2031
Delta R.T. -0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

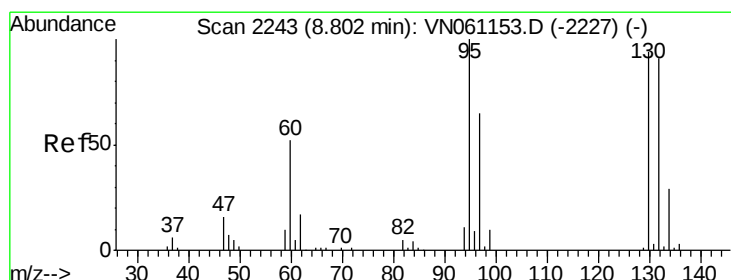
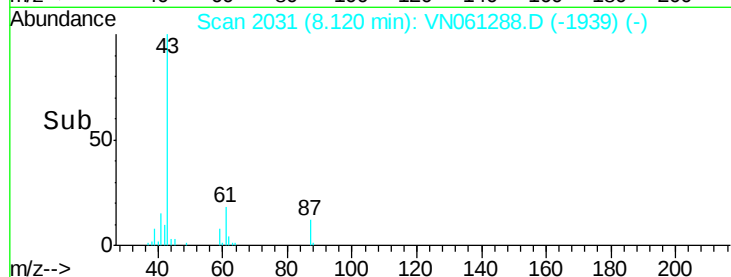
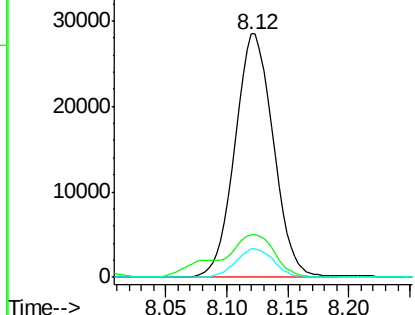
Tot Ion	Ratio	Lower	Upper
43	100		
61	18.8	19.5	29.3#
87	11.5	8.9	13.3

Manual Integrations
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5/6/2020 11:37:23 AM

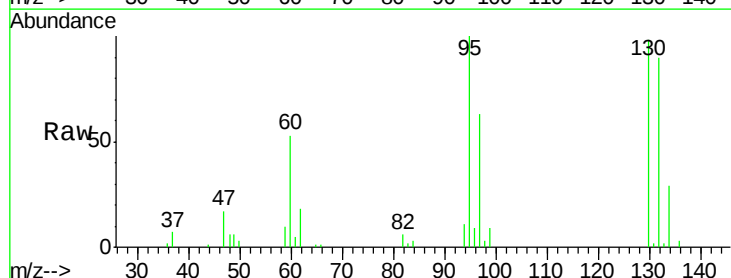


Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2014) (-)
Ion 61.00 (60.70 to 61.70): VN061153.D (-2014) (-)
Ion 87.00 (86.70 to 87.70): VN061153.D (-2014) (-)

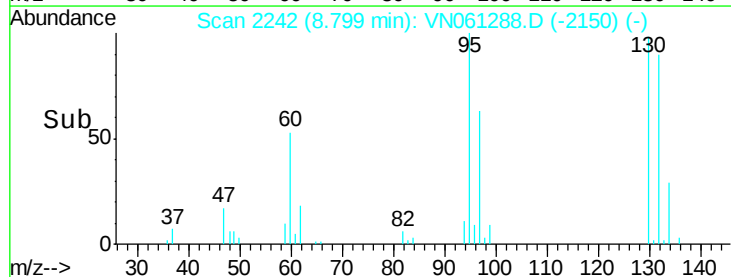
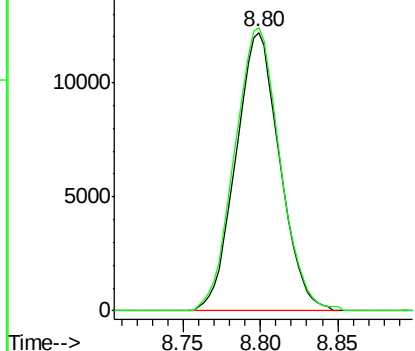


#44
Trichloroethene
Concen: 17.770 ug/l
RT: 8.80 min Scan# 2242
Delta R.T. -0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.7	0.0	212.4



Abundance Ion 129.80 (129.50 to 130.50): VN061153.D (-2227) (-)
Ion 94.90 (94.60 to 95.60): VN061153.D (-2227) (-)





#45

1,2-Dichloropropane

Concen: 19.612 ug/l

RT: 9.08 min Scan# 2330

Delta R.T. -0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN0505MBS01

Tot Ion: 63 Resp: 26318

Ion Ratio Lower Upper

63 100

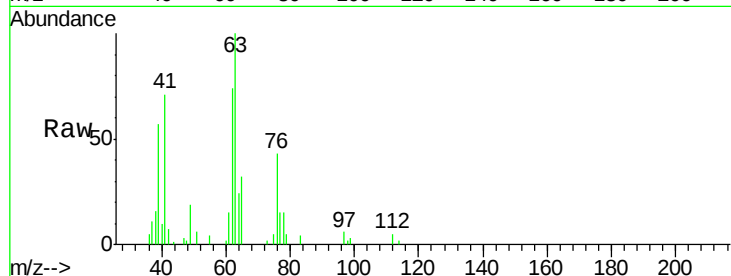
65 31.5 24.7 37.1

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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

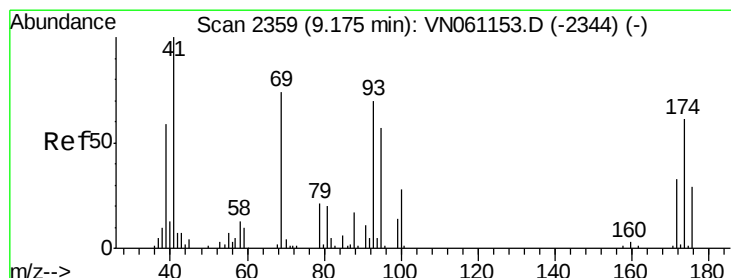
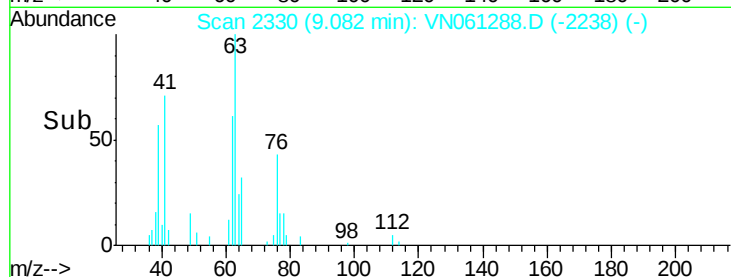
9.08

10000

5000

0

Time-->



#46

Dibromomethane

Concen: 19.895 ug/l

RT: 9.17 min Scan# 2358

Delta R.T. -0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

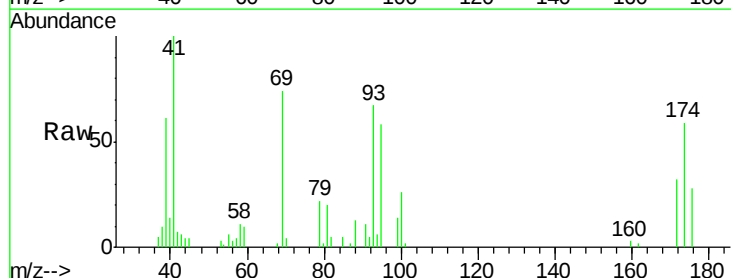
Tgt Ion: 93 Resp: 16530

Ion Ratio Lower Upper

93 100

95 81.6 66.6 99.8

174 87.7 70.2 105.2



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

9.17

10000

8000

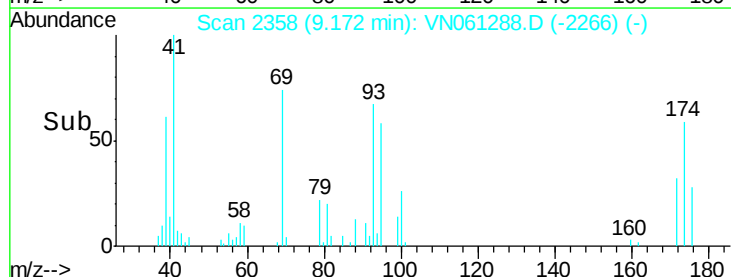
6000

4000

2000

0

Time-->





#47

Bromodichloromethane

Concen: 20.035 ug/l

RT: 9.37 min Scan# 2419

Delta R.T. -0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Instrument :

MSVOA_N

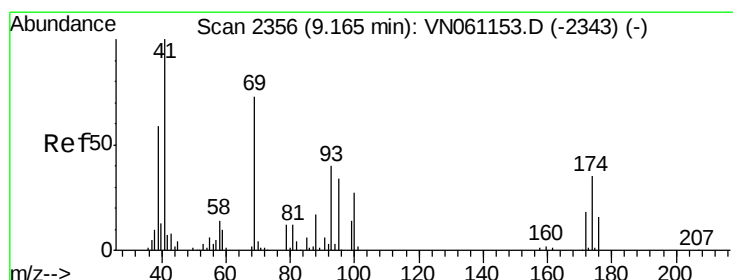
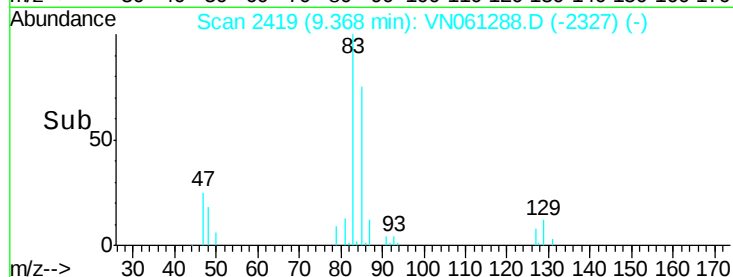
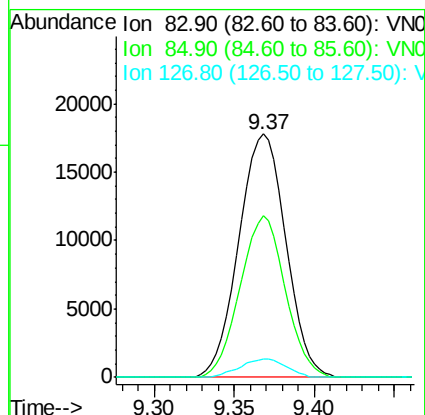
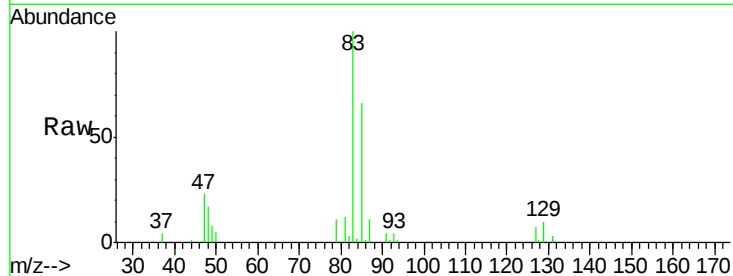
ClientSampleId :

VN0505MBS01

Tot Ion:	83	Resp:	35731
Ion Ratio	Lower	Upper	
83	100		
85	66.2	50.4	75.6
127	7.4	6.2	9.2

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#48

Methyl methacrylate

Concen: 18.634 ug/l

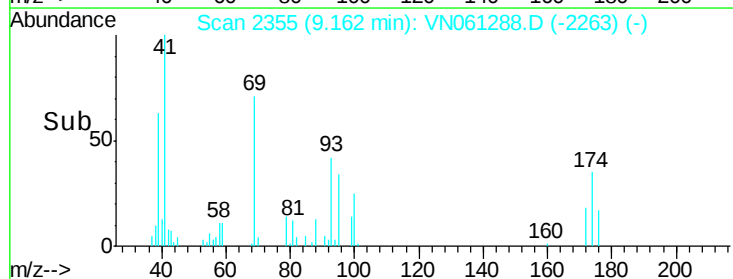
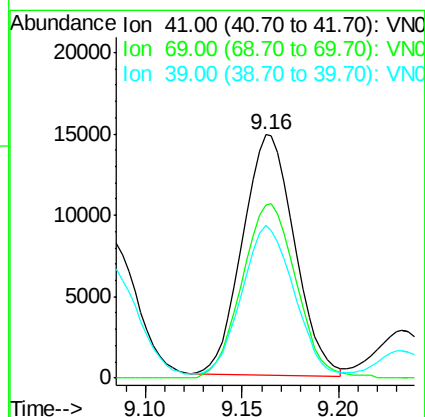
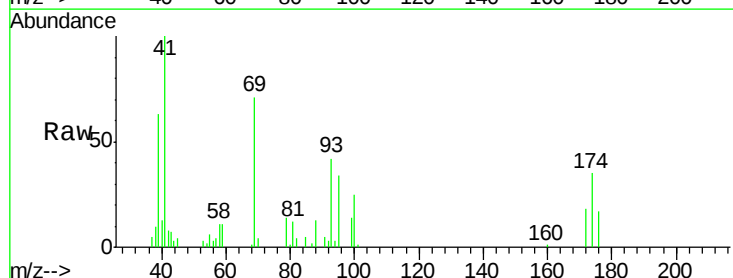
RT: 9.16 min Scan# 2355

Delta R.T. -0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Tgt Ion:	41	Resp:	27582
Ion Ratio	Lower	Upper	
41	100		
69	75.4	60.3	90.5
39	65.1	47.4	71.0





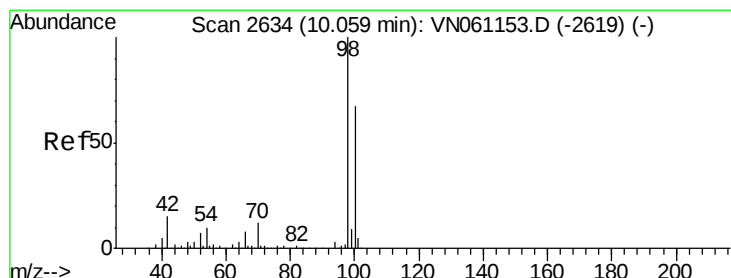
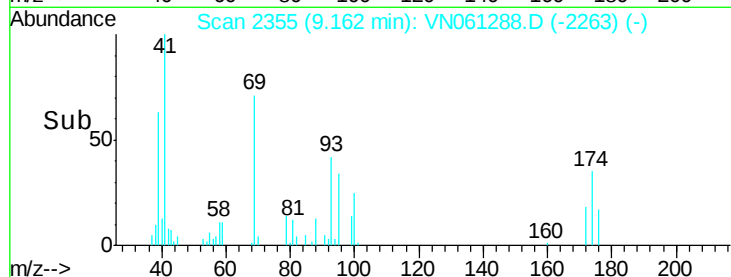
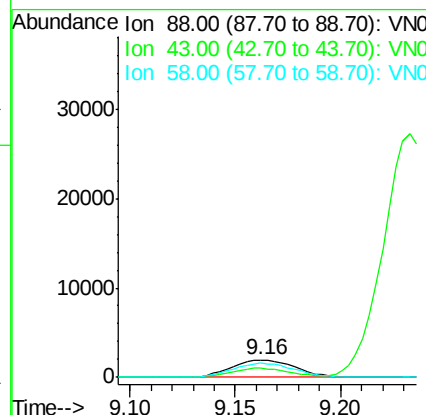
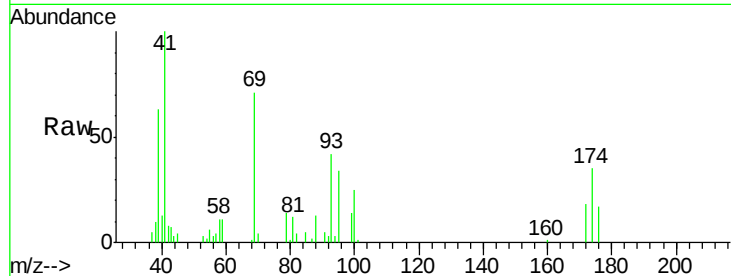
#49
1,4-Dioxane
Concen: 239.074 ug/l
RT: 9.16 min Scan# 2355
Delta R.T. -0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	49.2	35.3	52.9
58	80.6	61.5	92.3

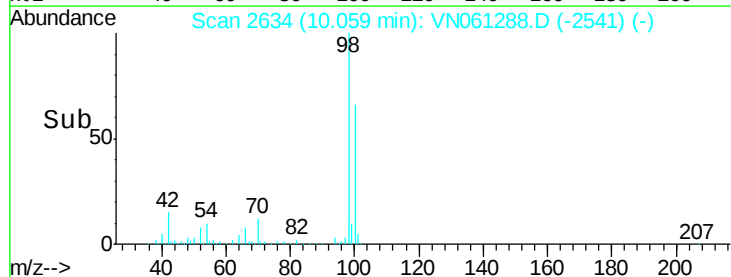
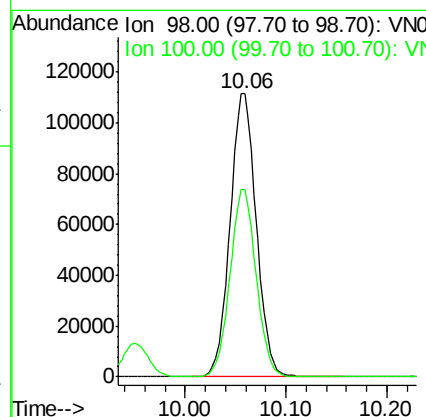
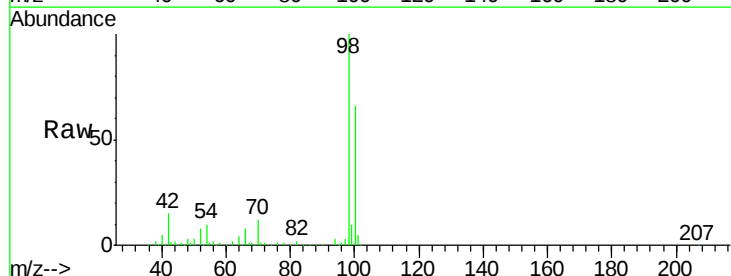
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#50
Toluene-d8
Concen: 49.873 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.4	80.0





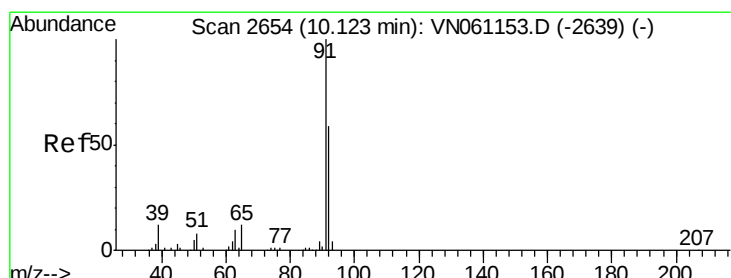
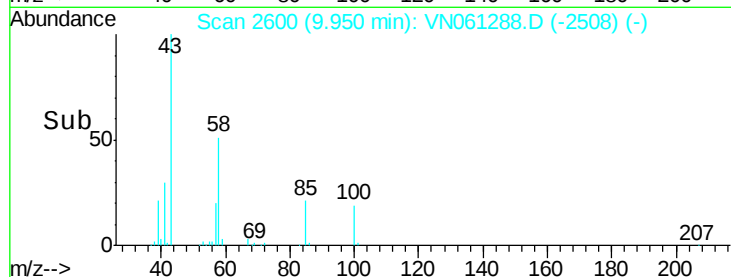
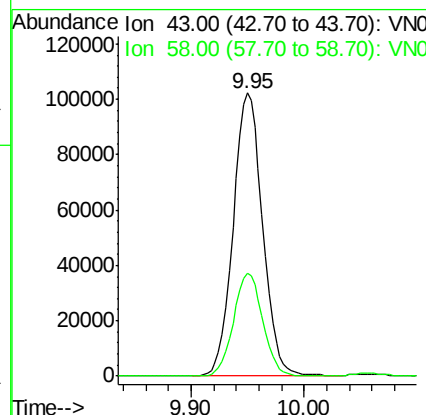
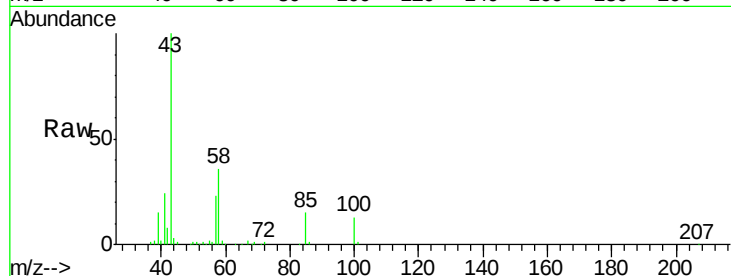
#51
4-Methyl-2-Pentanone
Concen: 95.736 ug/l
RT: 9.95 min Scan# 2600
Delta R.T. -0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	36.1	29.1	43.7

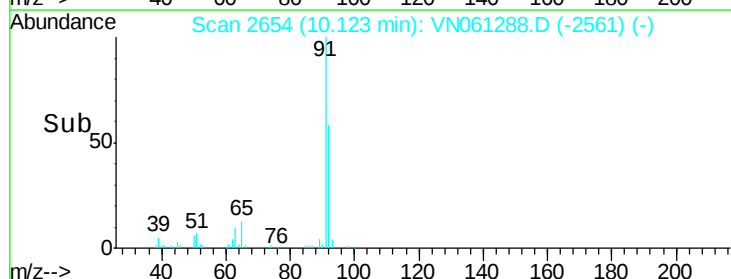
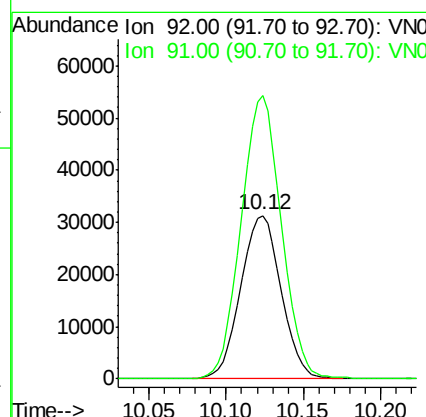
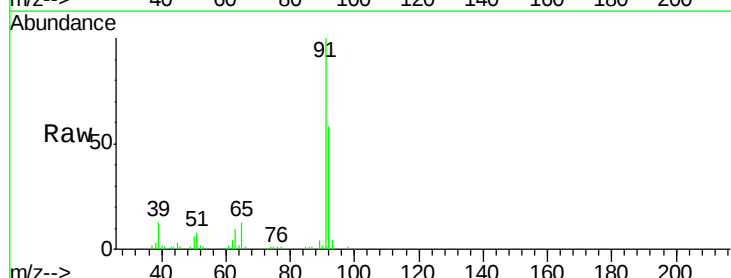
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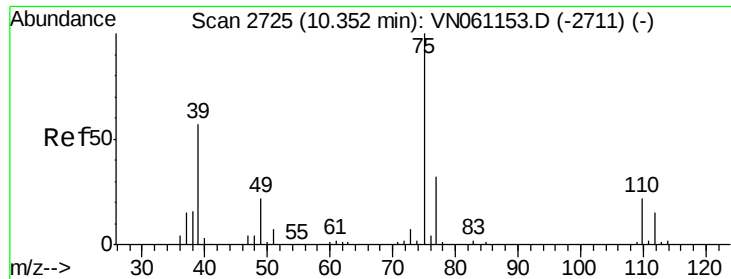
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#52
Toluene
Concen: 18.759 ug/l
RT: 10.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.4	136.2	204.2





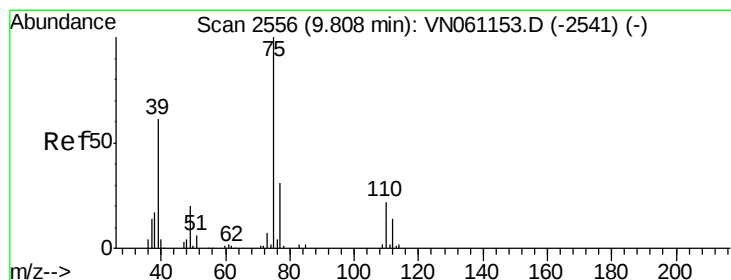
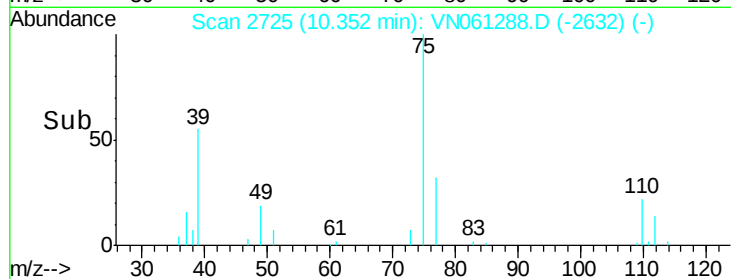
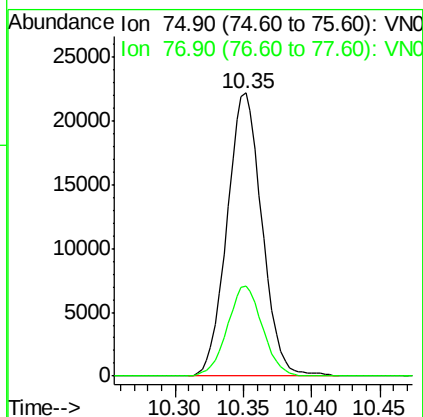
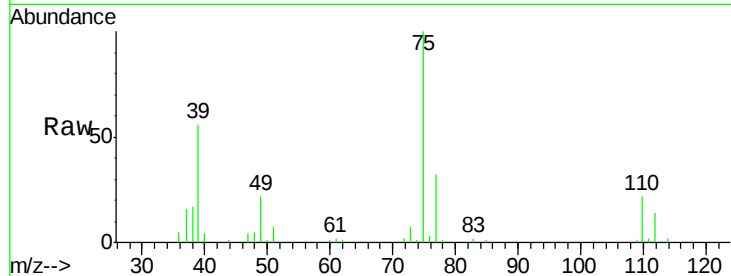
#53
t-1,3-Dichloropropene
Concen: 19.660 ug/l
RT: 10.35 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Instrument :
MSVOA_N
ClientSampled :
VN0505MBS01

Tot Ion: 75 Resp: 39507
Ion Ratio Lower Upper
75 100
77 32.0 25.5 38.3

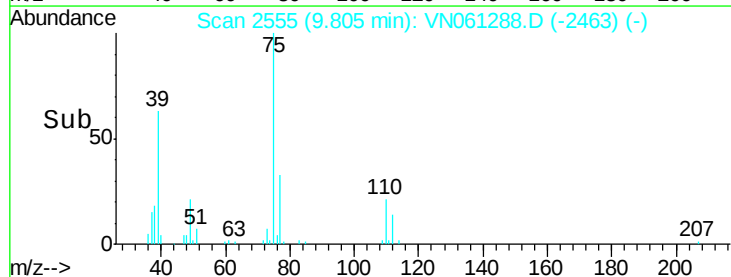
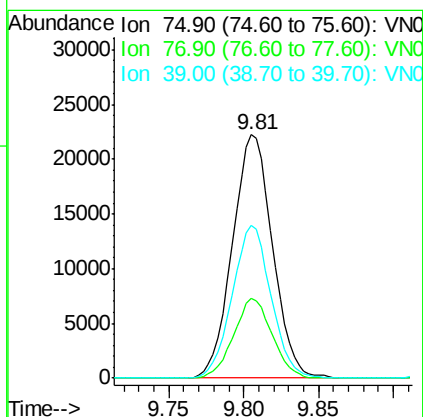
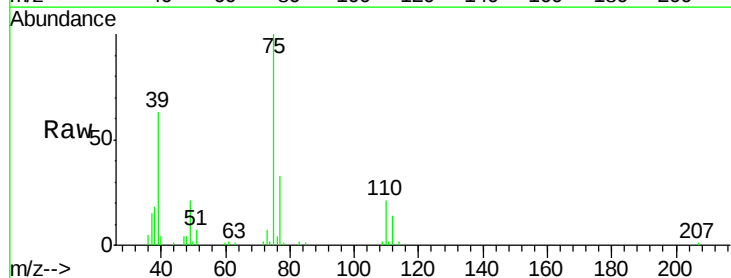
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#54
cis-1,3-Dichloropropene
Concen: 19.543 ug/l
RT: 9.81 min Scan# 2555
Delta R.T. -0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Tgt Ion: 75 Resp: 41517
Ion Ratio Lower Upper
75 100
77 32.6 25.0 37.4
39 62.7 48.7 73.1





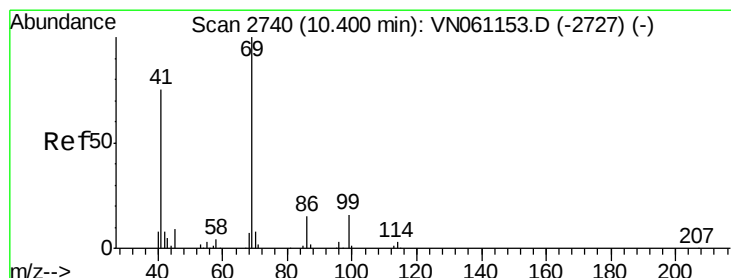
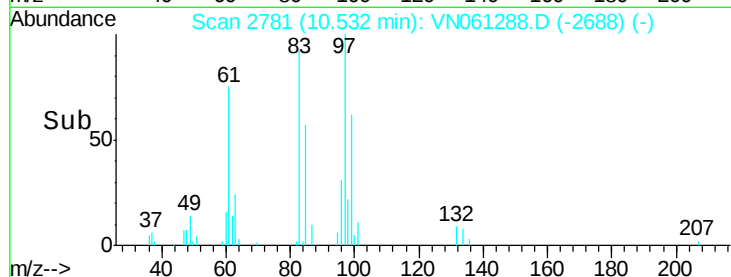
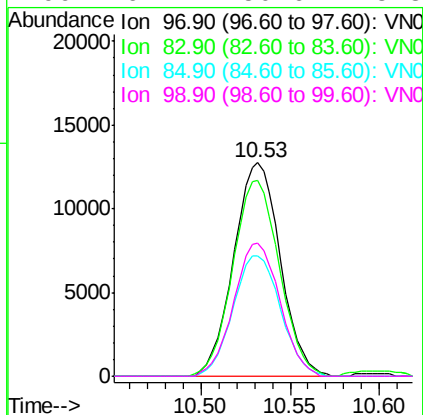
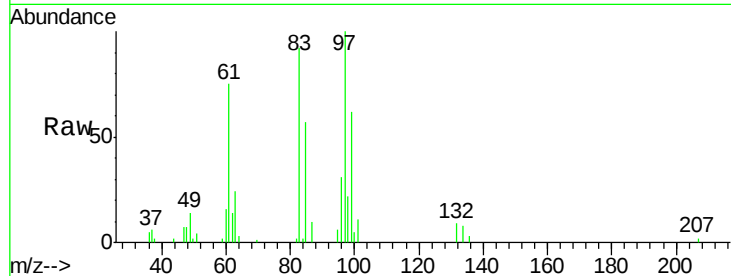
#55
 1,1,2-Trichloroethane
 Concen: 19.211 ug/l
 RT: 10.53 min Scan# 2781
 Delta R.T. 0.00 min
 Lab File: VN061288.D
 Acq: 5 May 2020 13:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505MBS01

Tot Ion:	97	Resp:	23183
Ion	Ratio	Lower	Upper
97	100		
83	91.8	70.6	106.0
85	56.6	46.4	69.6
99	62.4	50.6	75.8

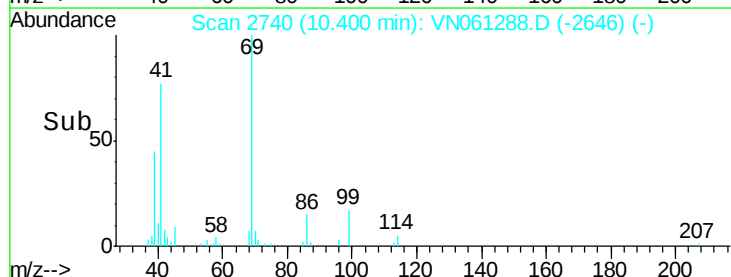
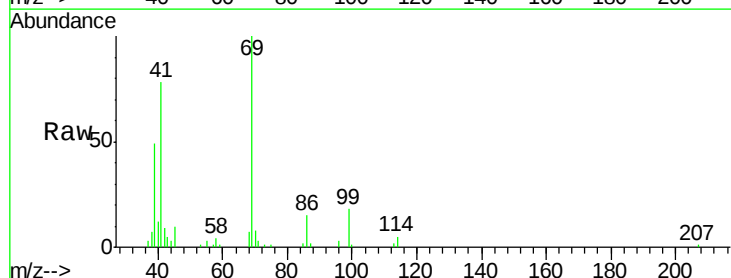
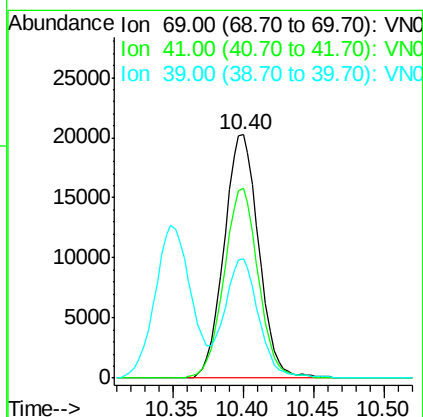
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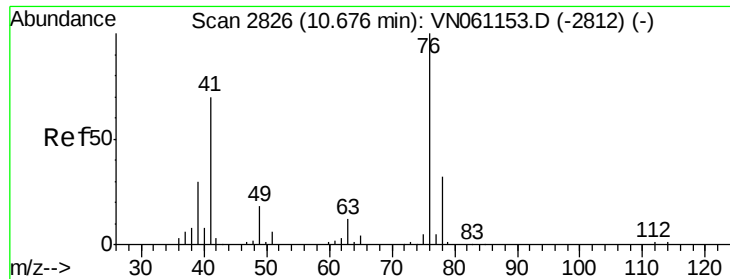
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#56
 Ethyl methacrylate
 Concen: 18.374 ug/l
 RT: 10.40 min Scan# 2740
 Delta R.T. 0.00 min
 Lab File: VN061288.D
 Acq: 5 May 2020 13:45

Tgt Ion:	69	Resp:	34803
Ion	Ratio	Lower	Upper
69	100		
41	76.9	60.3	90.5
39	48.0	35.9	53.9





#57

1,3-Dichloropropane

Concen: 19.764 ug/l

RT: 10.68 min Scan# 2826

Delta R.T. 0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Instrument :

MSVOA_N

ClientSampled :

VN0505MBS01

Tot Ion: 76 Resp: 41924

Ion Ratio Lower Upper

76 100

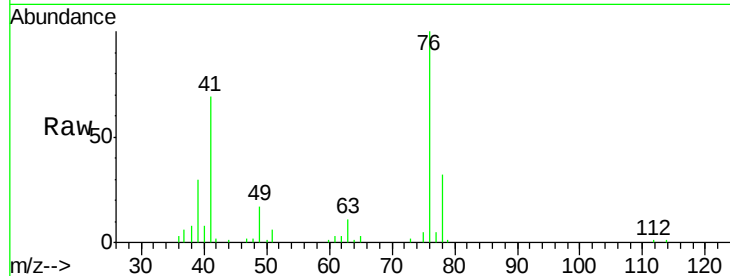
78 32.0 25.5 38.3

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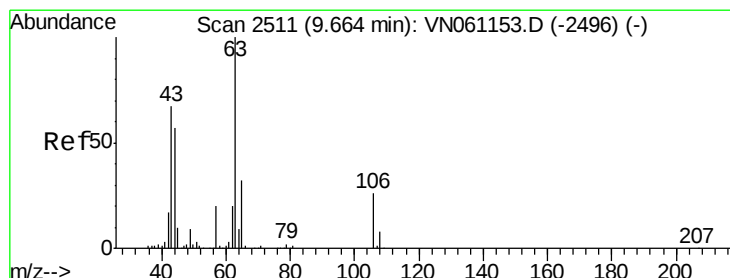
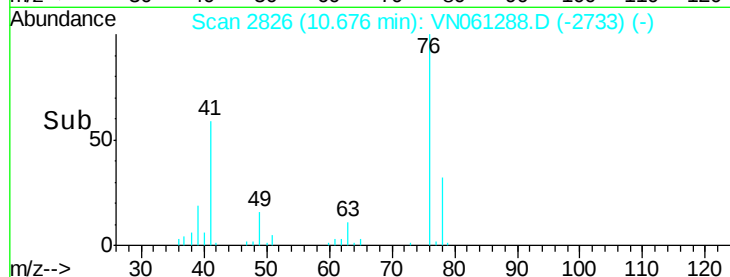
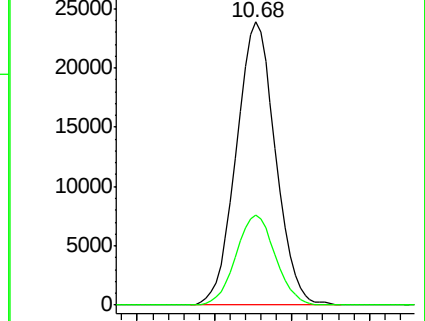
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 94.159 ug/l

RT: 9.66 min Scan# 2510

Delta R.T. -0.00 min

Lab File: VN061288.D

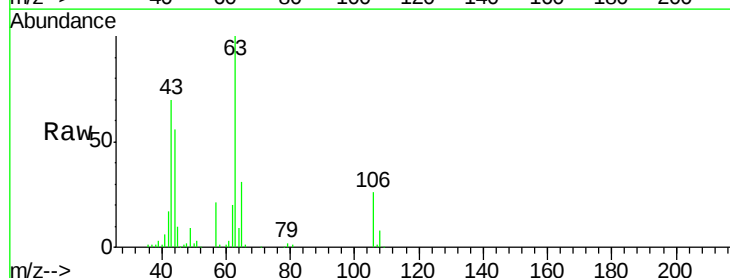
Acq: 5 May 2020 13:45

Tgt Ion: 63 Resp: 91976

Ion Ratio Lower Upper

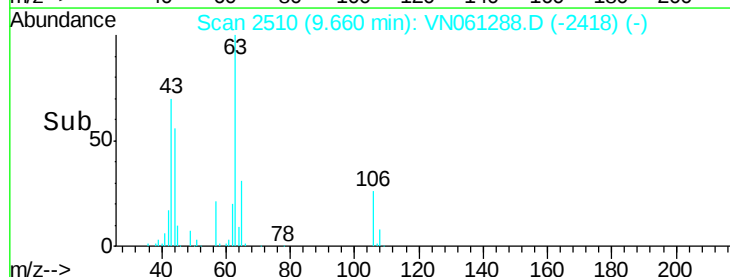
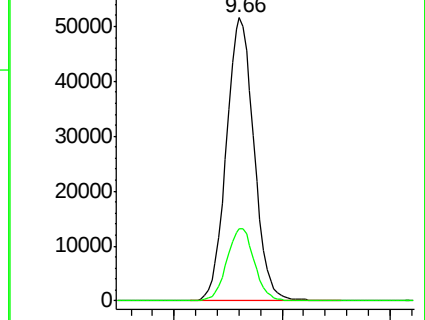
63 100

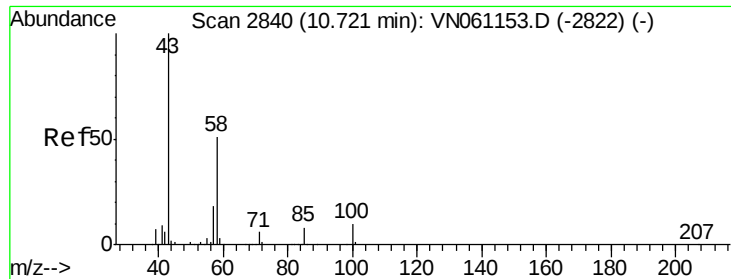
106 25.5 20.6 30.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





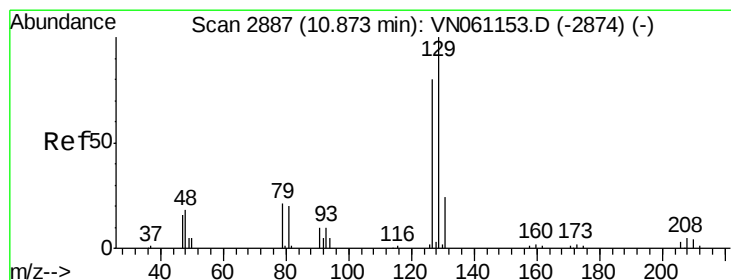
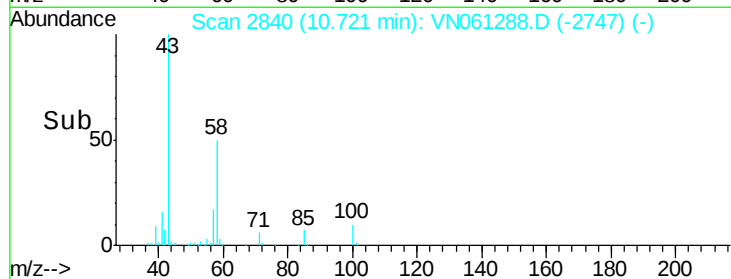
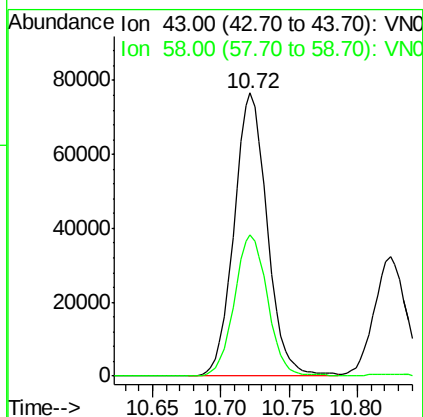
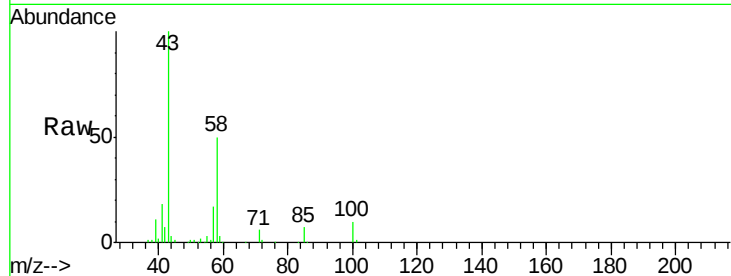
#59
2-Hexanone
Concen: 91.895 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

Tot Ion	43	Resp	129085
Ion Ratio	100	Lower	Upper
43	100		
58	50.1	25.4	76.4

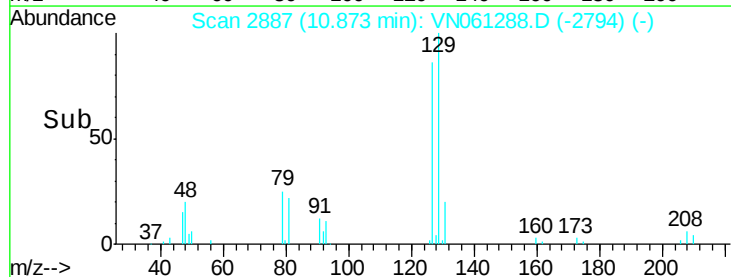
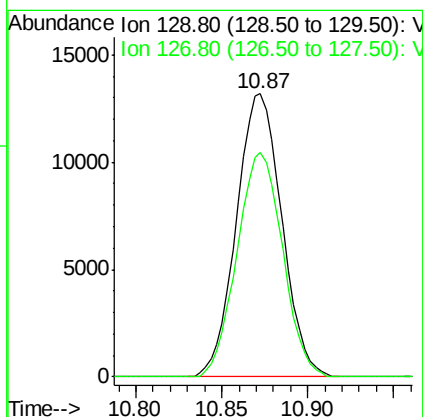
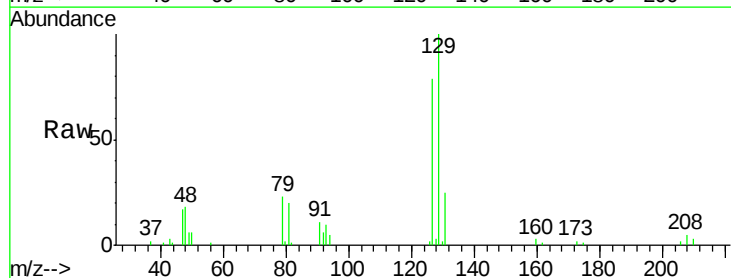
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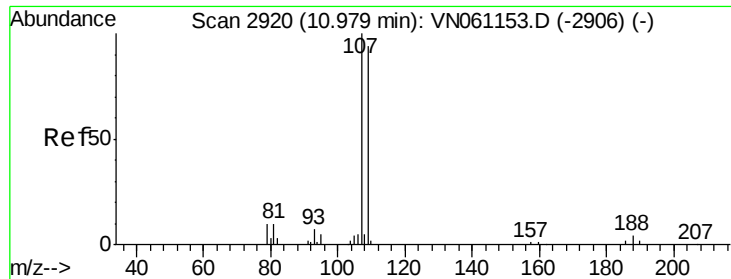
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#60
Dibromochloromethane
Concen: 19.107 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Tgt Ion	129	Resp	24149
Ion Ratio	100	Lower	Upper
129	100		
127	79.4	39.3	117.8





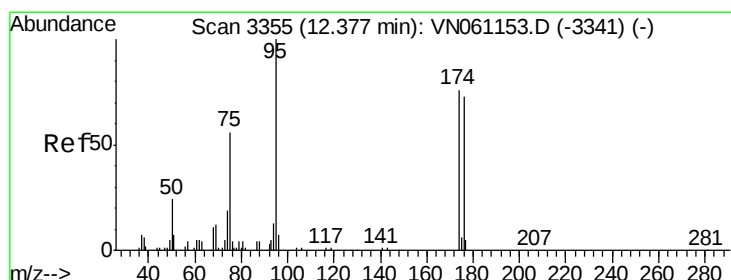
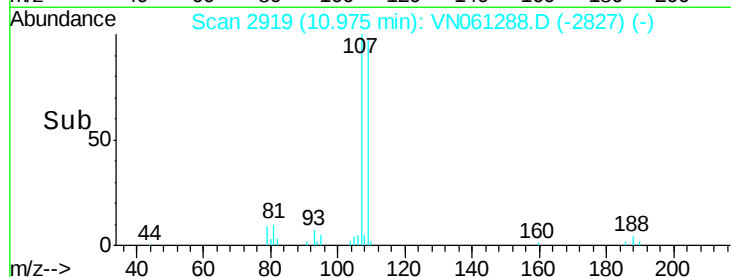
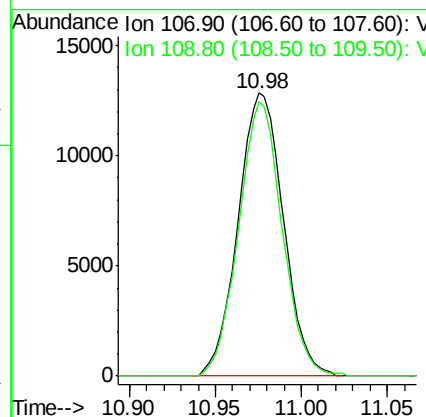
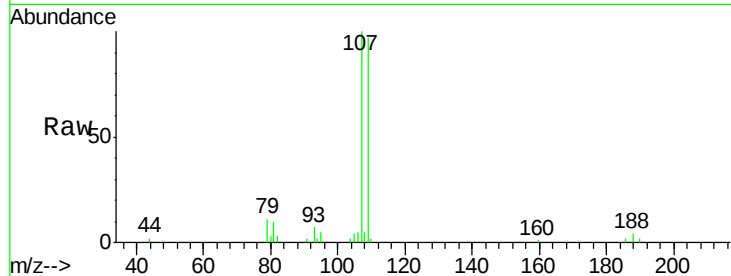
#61
 1,2-Dibromoethane
 Concen: 19.455 ug/l
 RT: 10.98 min Scan# 2919
 Delta R.T. -0.00 min
 Lab File: VN061288.D
 Acq: 5 May 2020 13:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505MBS01

Tot Ion: 107 Resp: 23532
 Ion Ratio Lower Upper
 107 100
 109 93.3 74.8 112.2

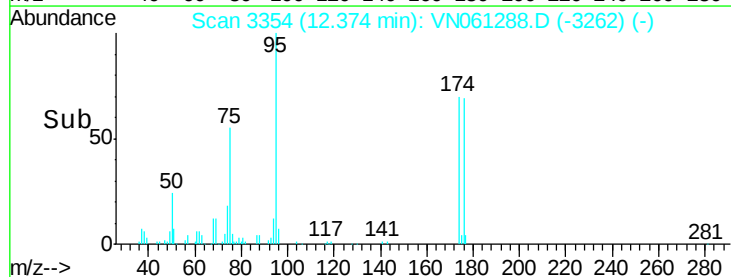
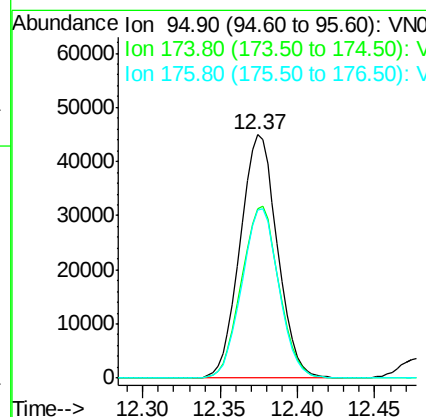
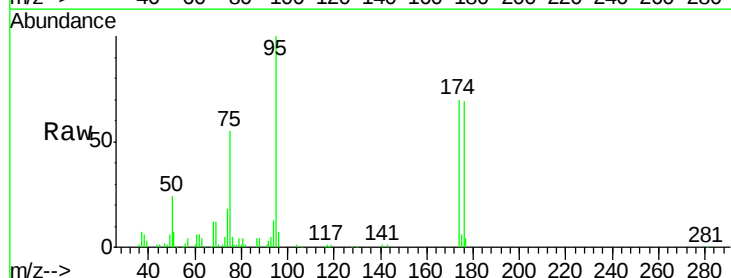
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#62
 4-Bromofluorobenzene
 Concen: 49.183 ug/l
 RT: 12.37 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VN061288.D
 Acq: 5 May 2020 13:45

Tgt Ion: 95 Resp: 75142
 Ion Ratio Lower Upper
 95 100
 174 71.1 0.0 149.4
 176 69.4 0.0 144.8





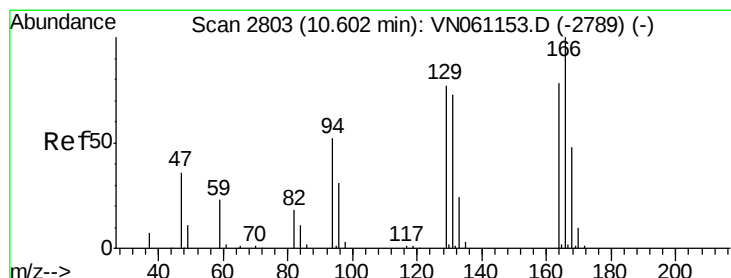
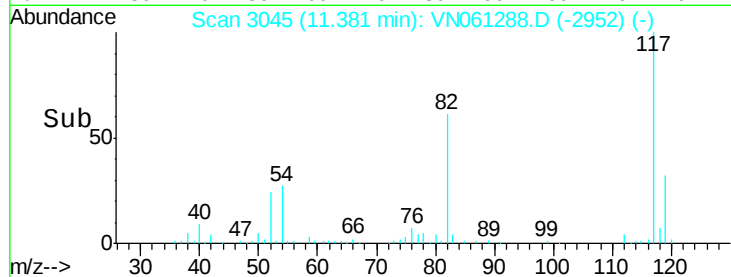
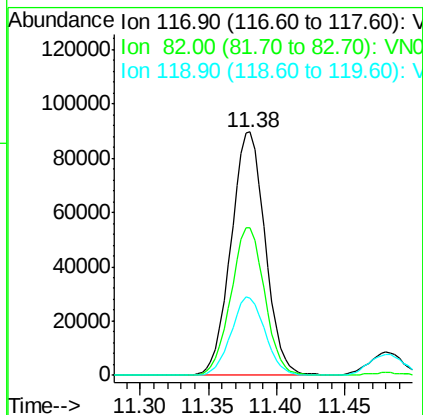
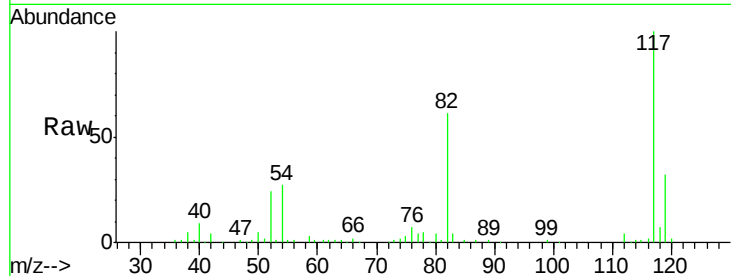
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.8	47.8	71.8
119	32.0	25.8	38.6

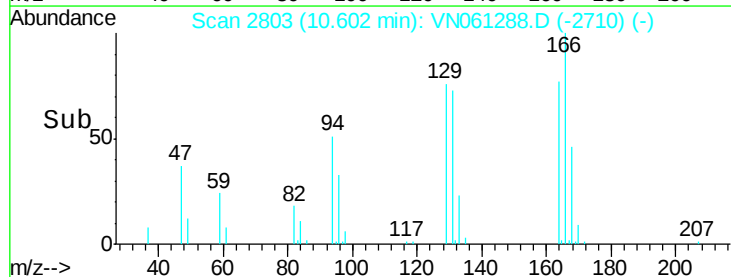
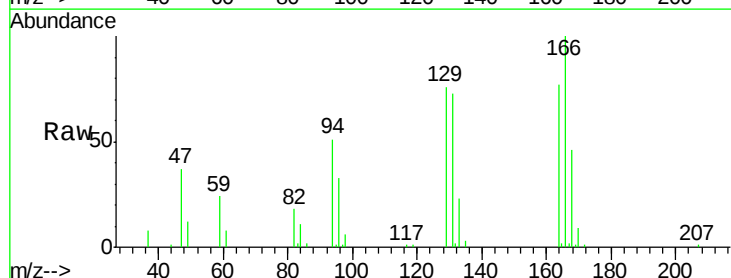
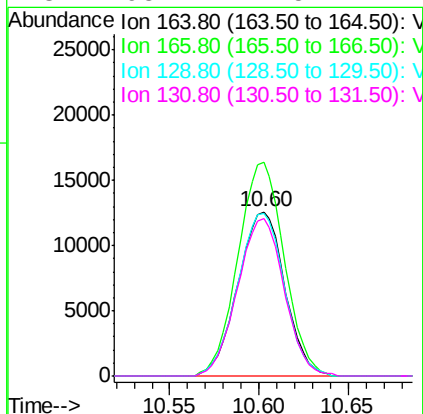
Manual Integrations
APPROVED

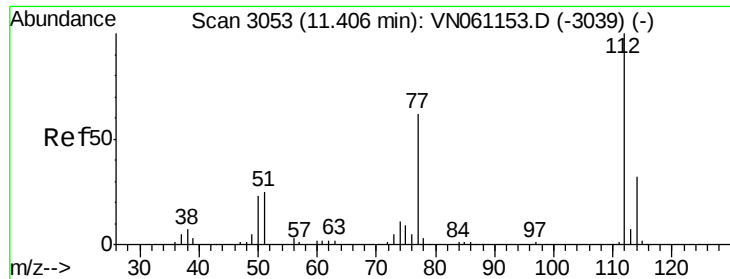
MMDadoda
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#64
Tetrachloroethene
Concen: 17.035 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.9	102.0	153.0
129	99.1	78.2	117.2
131	95.4	74.5	111.7





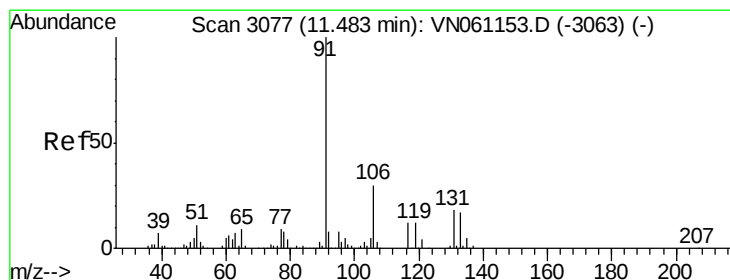
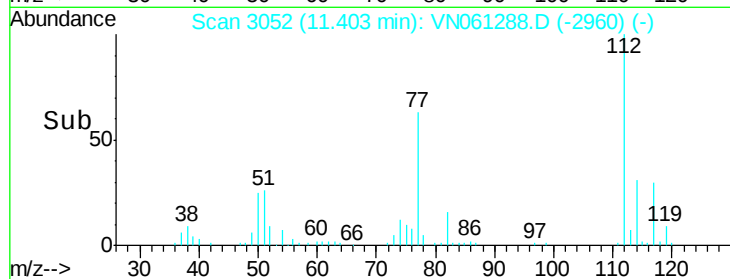
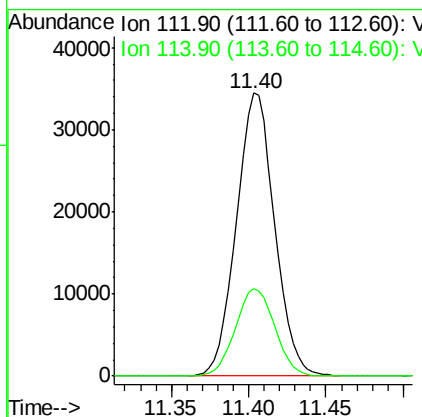
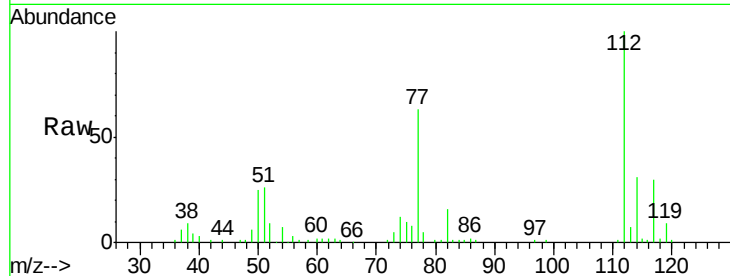
#65
Chlorobenzene
Concen: 19.124 ug/l
RT: 11.40 min Scan# 3052
Delta R.T. -0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

Tot Ion:112 Resp: 59183
Ion Ratio Lower Upper
112 100
114 31.1 25.4 38.2

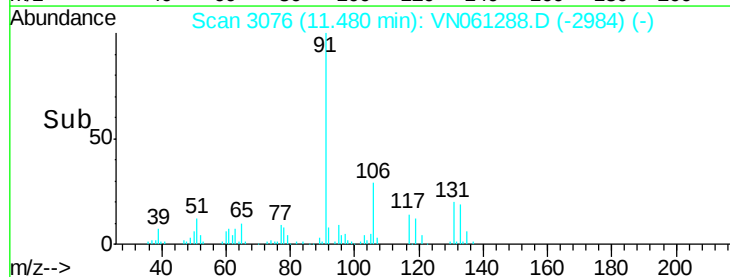
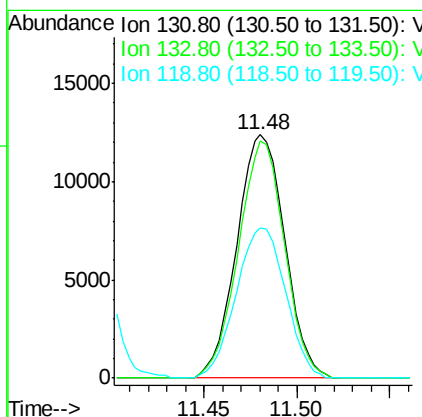
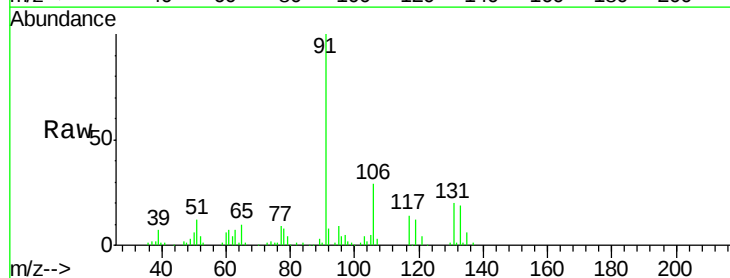
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.108 ug/l
RT: 11.48 min Scan# 3076
Delta R.T. -0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Tgt Ion:131 Resp: 22272
Ion Ratio Lower Upper
131 100
133 93.6 48.0 144.2
119 63.4 32.6 97.8





#67

Ethyl Benzene

Concen: 18.905 ug/l

RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Instrument :

MSVOA_N

ClientSampled :

VN0505MBS01

Tot Ion: 91 Resp: 109519

Ion Ratio Lower Upper

91 100

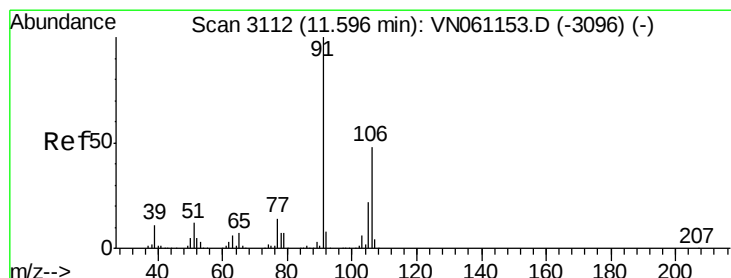
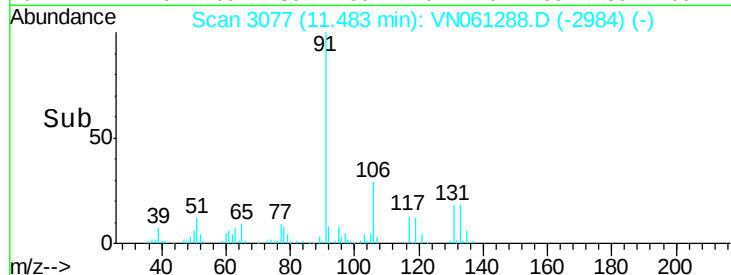
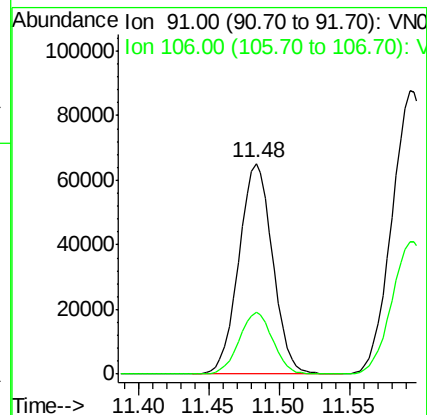
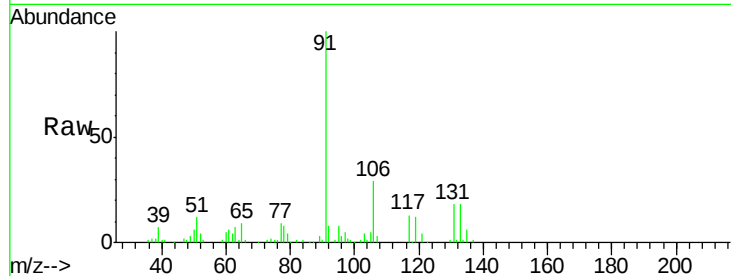
106 29.2 23.8 35.6

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#68

m/p-Xylenes

Concen: 37.559 ug/l

RT: 11.60 min Scan# 3112

Delta R.T. 0.00 min

Lab File: VN061288.D

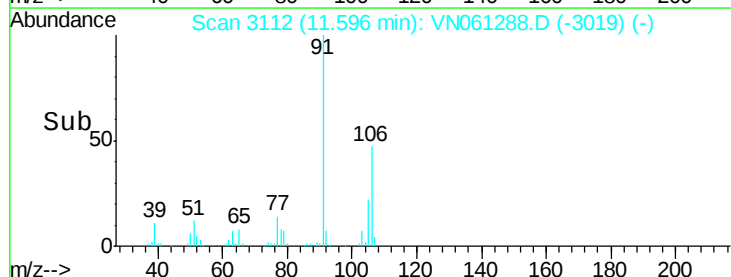
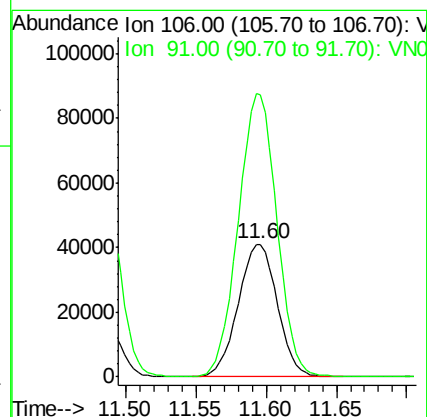
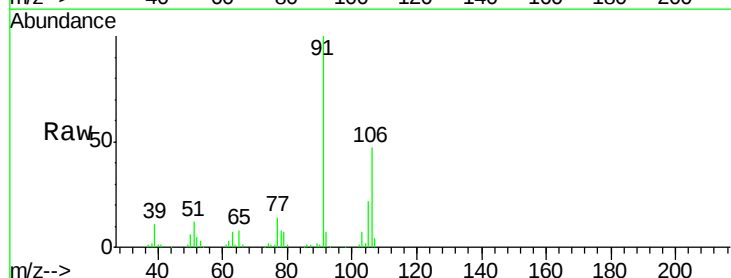
Acq: 5 May 2020 13:45

Tgt Ion: 106 Resp: 79643

Ion Ratio Lower Upper

106 100

91 210.9 166.4 249.6





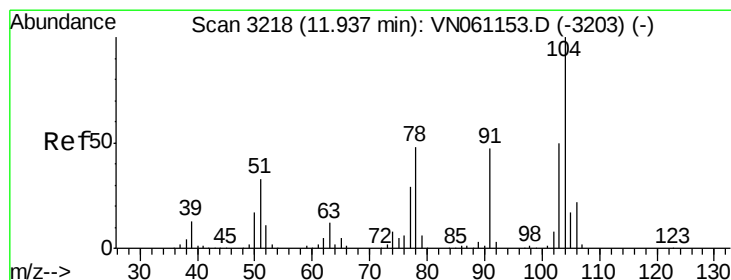
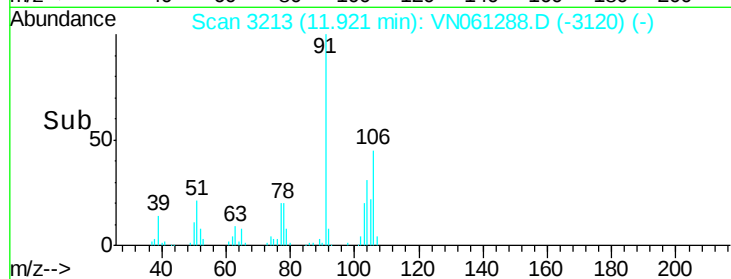
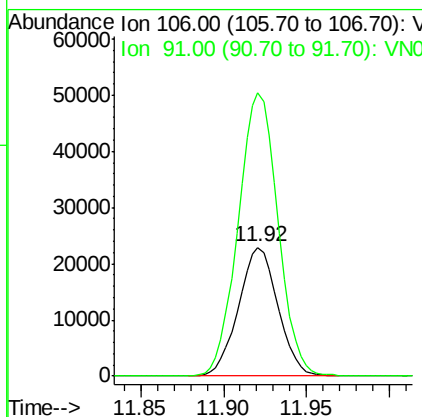
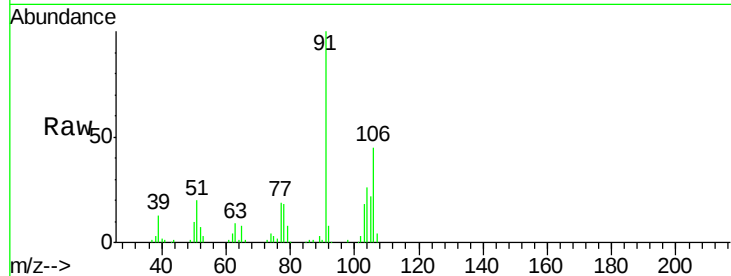
#69
o-Xylene
Concen: 18.569 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Instrument :
MSVOA_N
ClientSampled :
VN0505MBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	221.7	109.7	329.0	

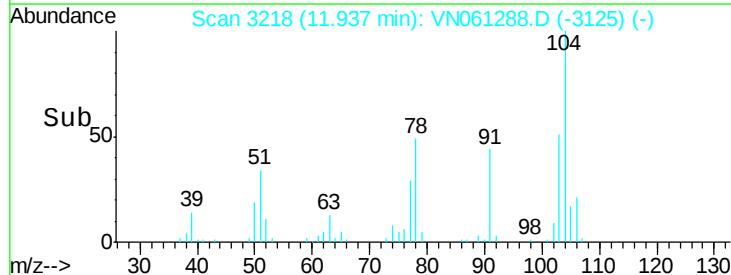
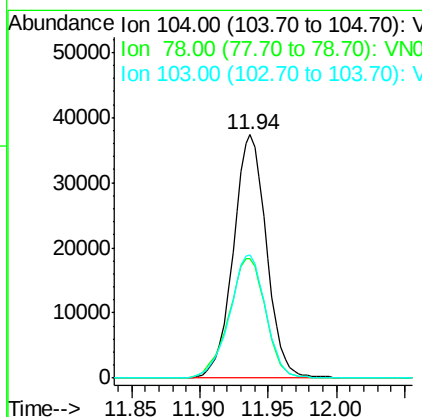
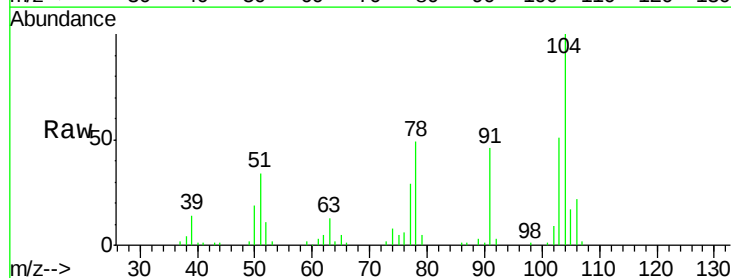
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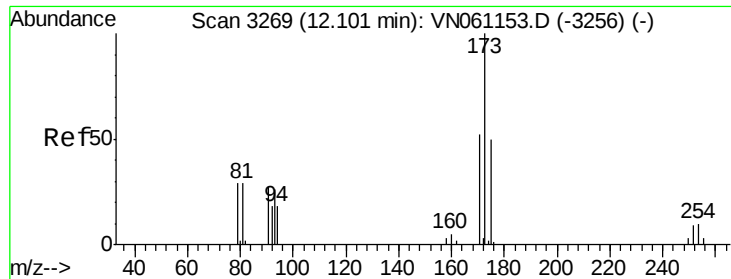
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#70
Styrene
Concen: 18.460 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	54.5	42.1	63.1	
103	54.8	43.3	64.9	





#71

Bromoform

Concen: 19.478 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Instrument :

MSVOA_N

ClientSampleId :

VN0505MBS01

Tot Ion:173 Resp: 15856

Ion Ratio Lower Upper

173 100

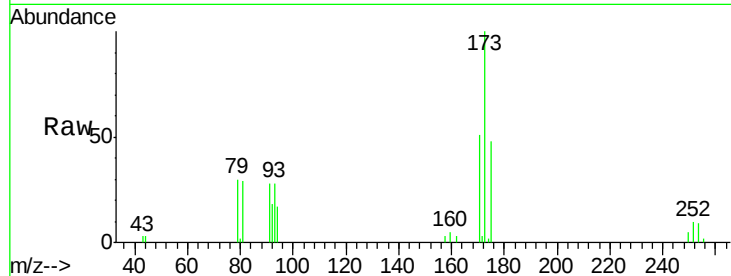
175 47.3 24.1 72.4

254 0.0 0.0 0.0

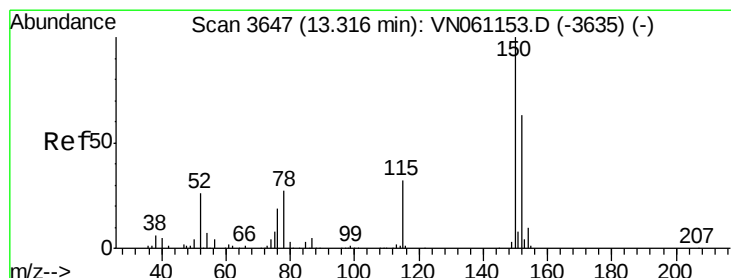
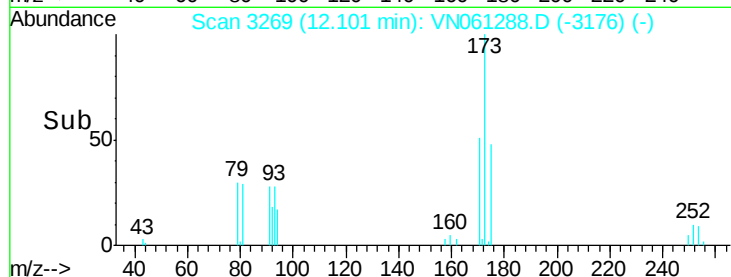
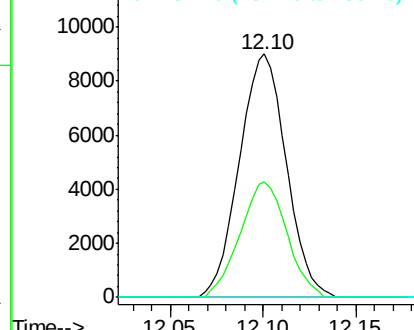
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3647

Delta R.T. 0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

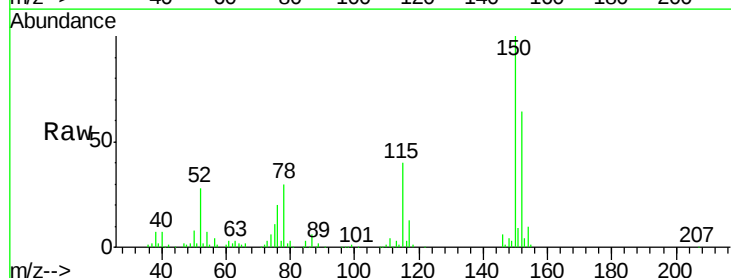
Tgt Ion:152 Resp: 73017

Ion Ratio Lower Upper

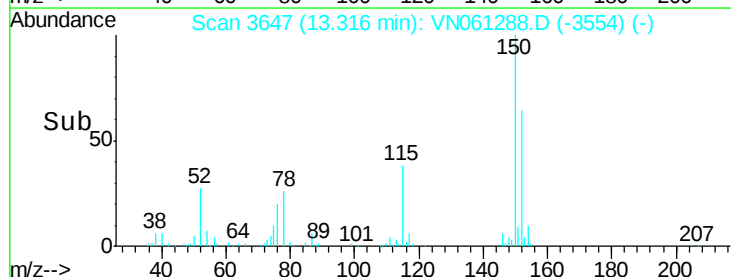
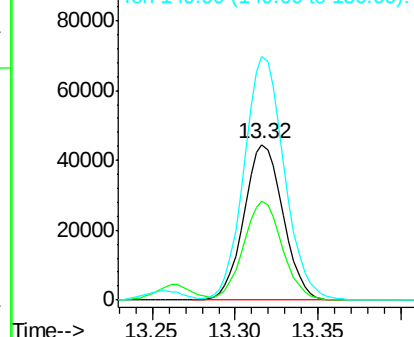
152 100

115 63.1 31.0 93.0

150 161.4 0.0 351.8



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: 19.101 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Instrument :

MSVOA_N

ClientSampled :

VN0505MBS01

Tot Ion: 105 Resp: 102529

Ion Ratio Lower Upper

105 100

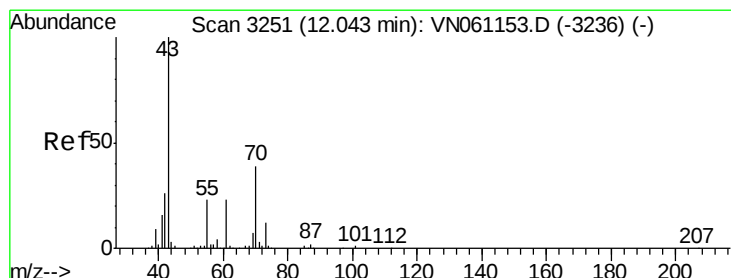
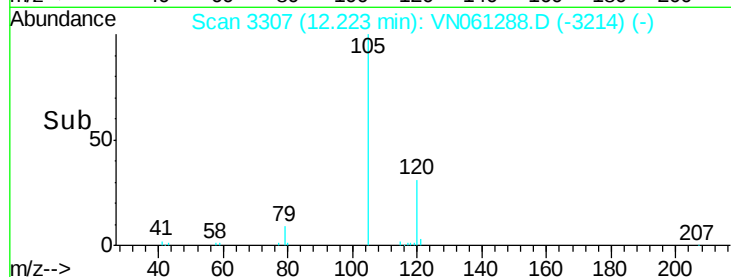
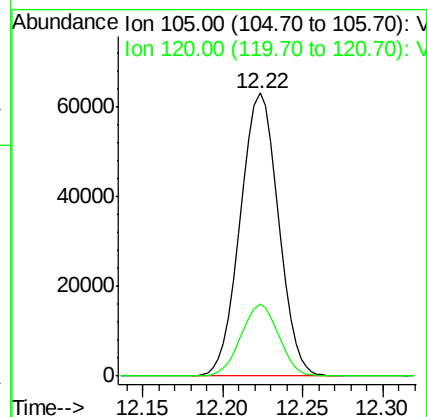
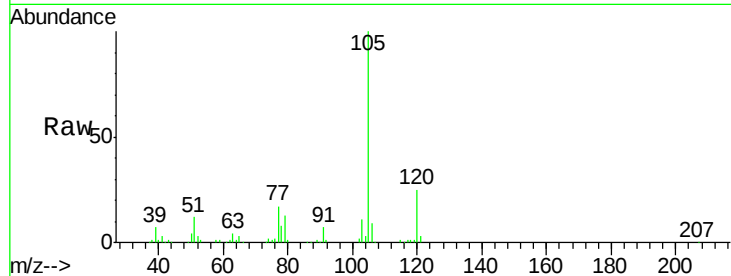
120 25.1 12.6 37.8

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#74

N-ethyl acetate

Concen: 18.928 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Tgt Ion: 43 Resp: 51449

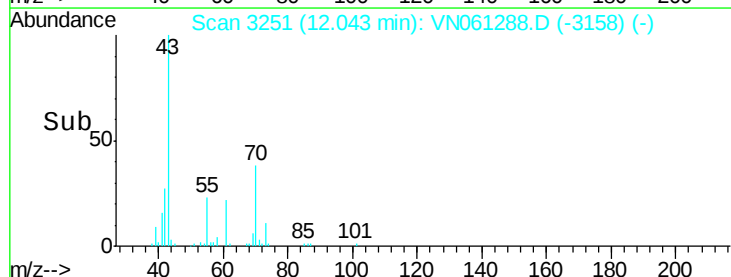
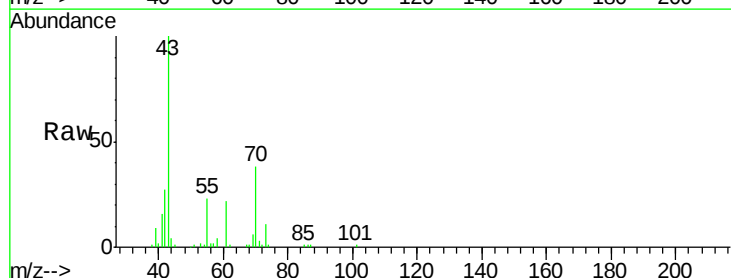
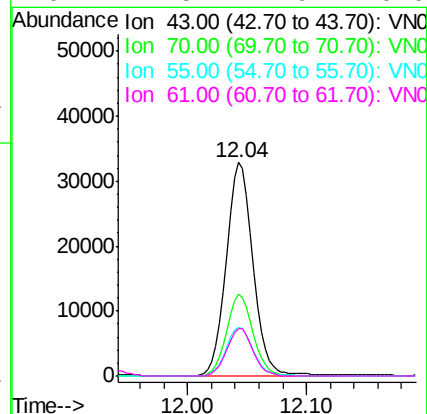
Ion Ratio Lower Upper

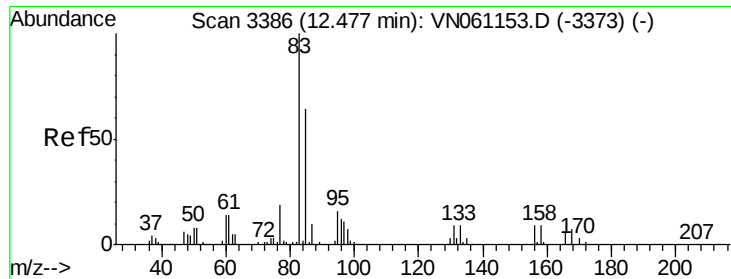
43 100

70 37.5 30.6 46.0

55 23.2 18.5 27.7

61 21.5 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.016 ug/l

RT: 12.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Instrument :

MSVOA_N

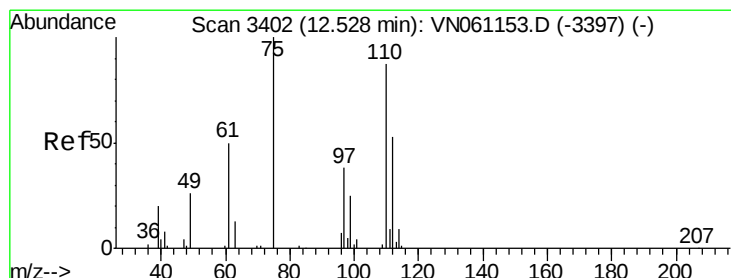
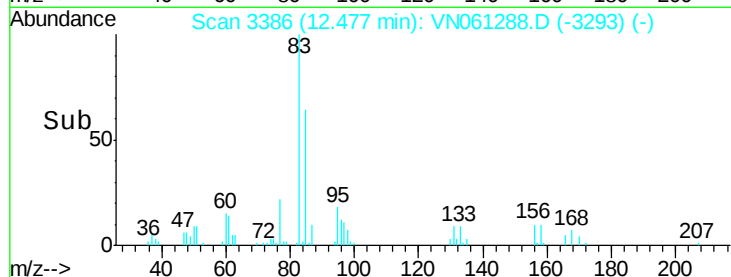
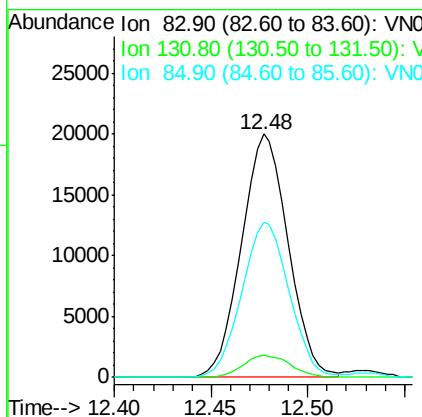
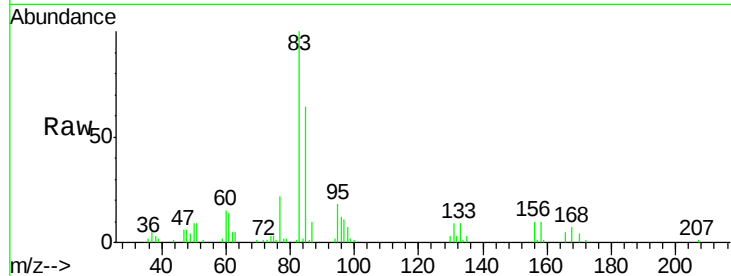
ClientSampled :

VN0505MBS01

Tot Ion:	83	Resp:	33502
Ion Ratio	Lower	Upper	
83	100		
131	9.2	4.8	14.3
85	64.8	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 19.084 ug/l m

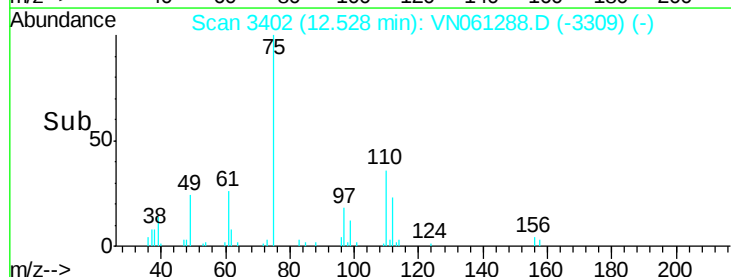
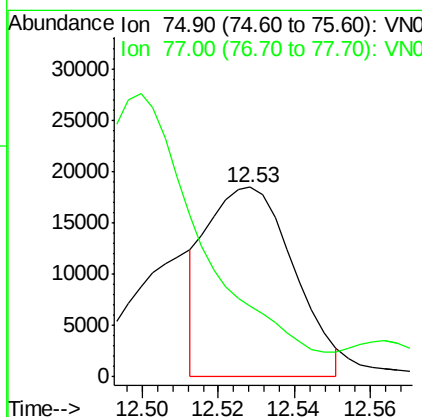
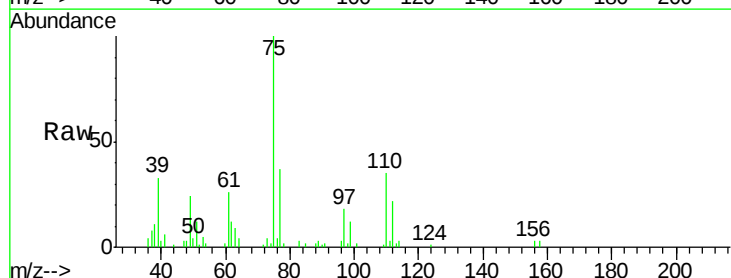
RT: 12.53 min Scan# 3402

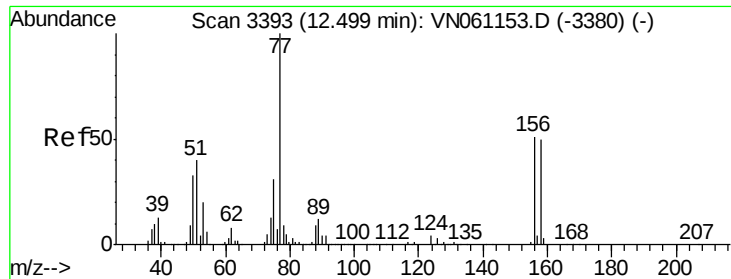
Delta R.T. 0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Tgt Ion:	75	Resp:	29378
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.357 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Instrument :

MSVOA_N

ClientSampled :

VN0505MBS01

Tot Ion:156 Resp: 23986

Ion Ratio Lower Upper

156 100

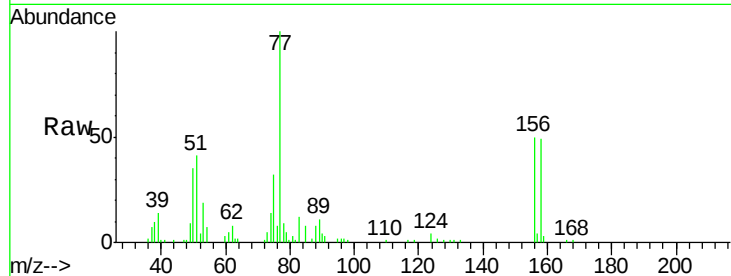
77 240.0 117.4 352.2

158 96.6 48.4 145.0

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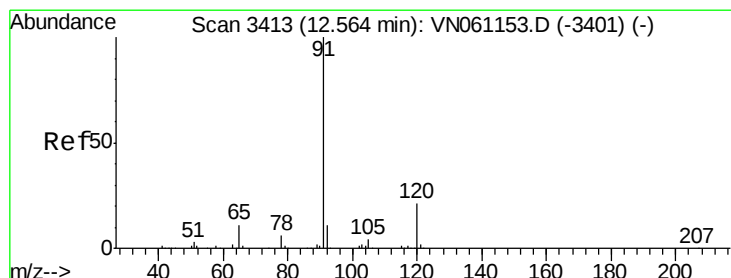
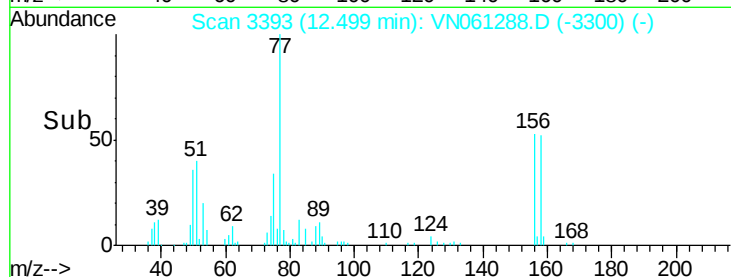
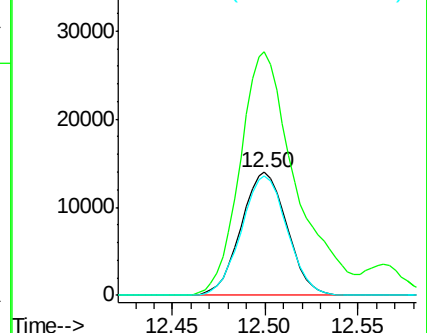
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.292 ug/l

RT: 12.56 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061288.D

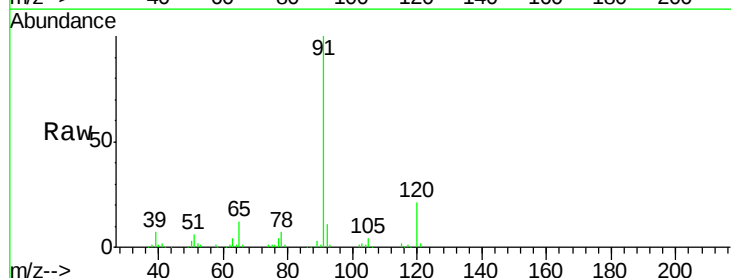
Acq: 5 May 2020 13:45

Tgt Ion: 91 Resp: 122828

Ion Ratio Lower Upper

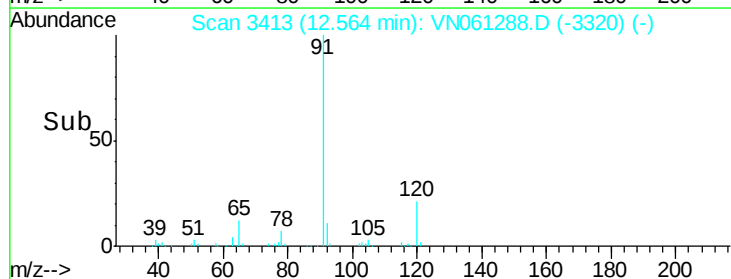
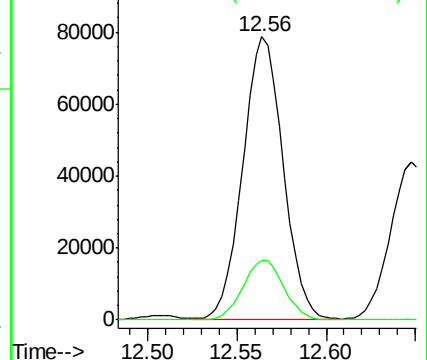
91 100

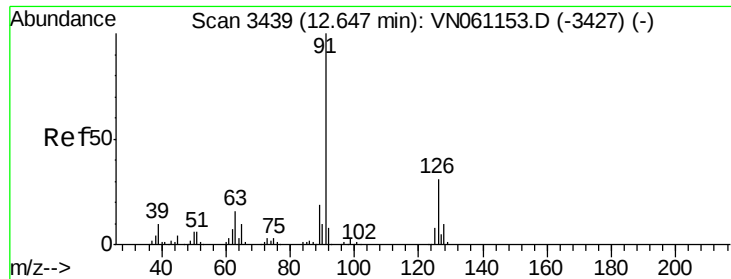
120 21.5 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





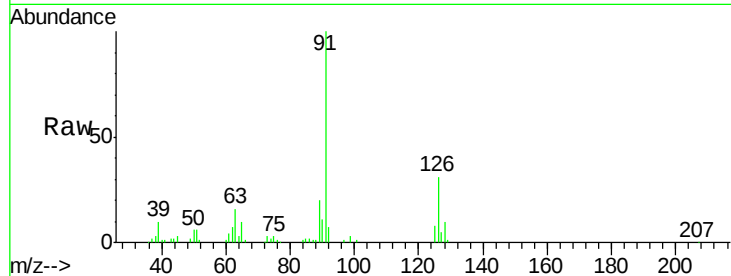
#79
 2-Chlorotoluene
 Concen: 19.484 ug/l
 RT: 12.65 min Scan# 3439
 Delta R.T. 0.00 min
 Lab File: VN061288.D
 Acq: 5 May 2020 13:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505MBS01

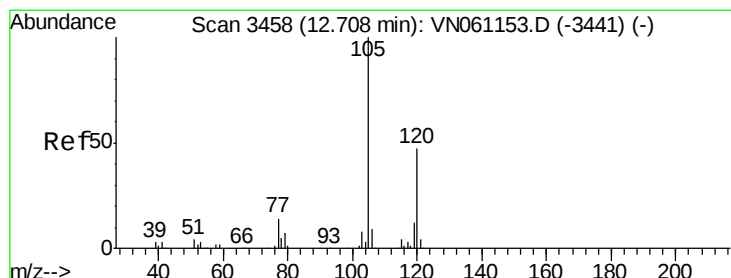
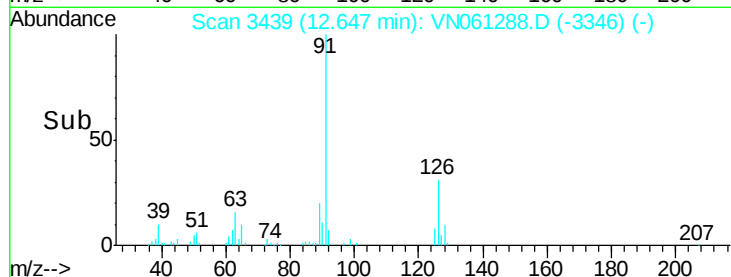
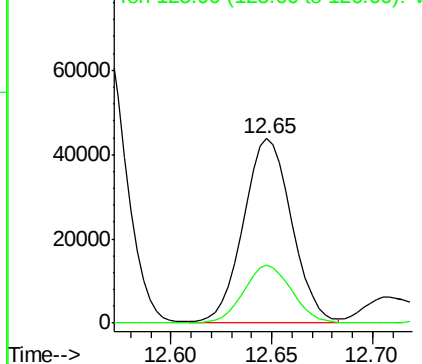
Tot Ion: 91 Resp: 72913
 Ion Ratio Lower Upper
 91 100
 126 31.3 15.9 47.7

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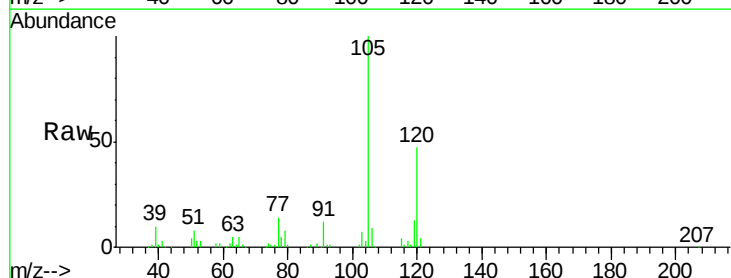


Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3427) (-)
 Ion 125.90 (125.60 to 126.60): VN061153.D (-3427) (-)

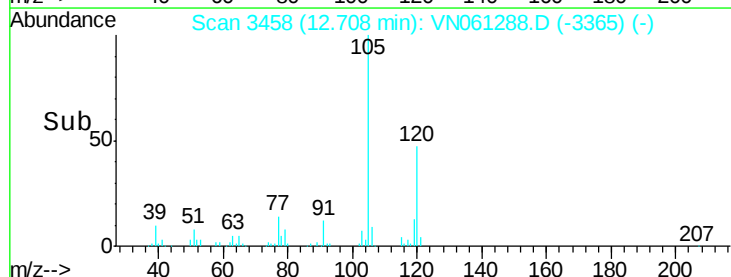
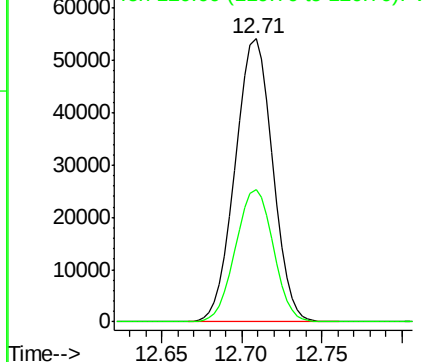


#80
 1,3,5-Trimethylbenzene
 Concen: 19.429 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN061288.D
 Acq: 5 May 2020 13:45

Tgt Ion: 105 Resp: 86317
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN061153.D (-3441) (-)
 Ion 120.00 (119.70 to 120.70): VN061153.D (-3441) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.115 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Instrument :

MSVOA_N

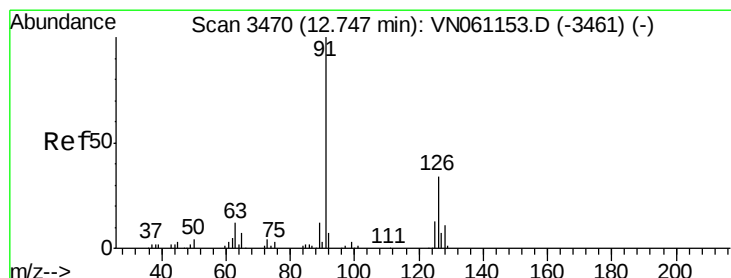
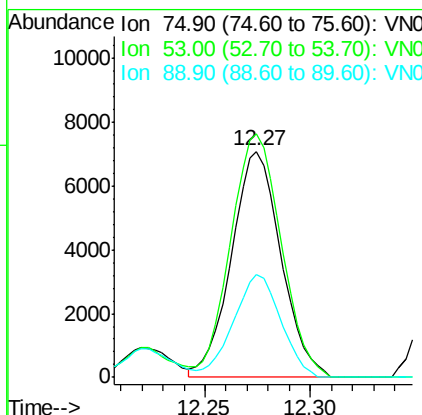
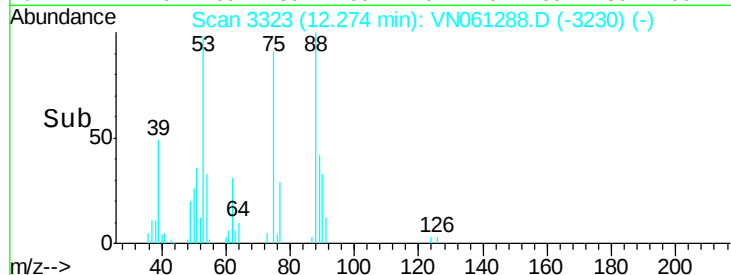
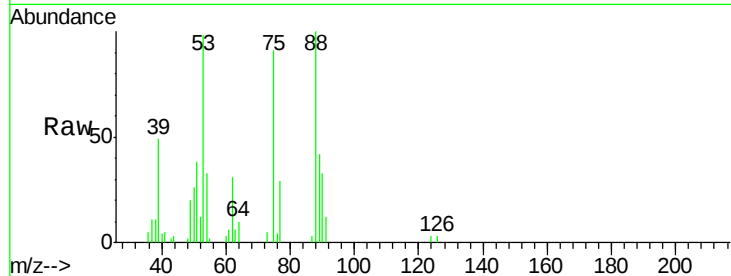
ClientSampled :

VN0505MBS01

Tot Ion:	75	Resp:	11587
Ion	Ratio	Lower	Upper
75	100		
53	110.1	84.1	126.1
89	43.4	35.2	52.8

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#82

4-Chlorotoluene

Concen: 19.406 ug/l

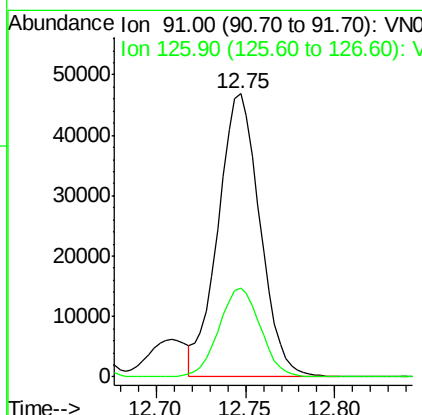
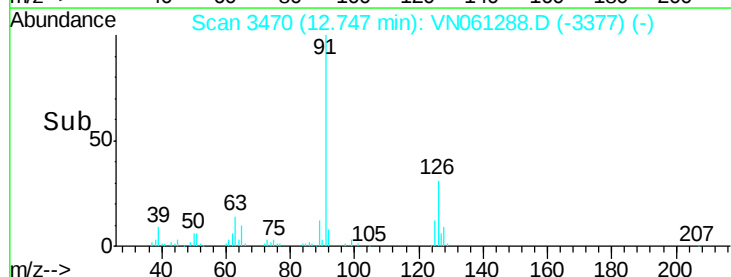
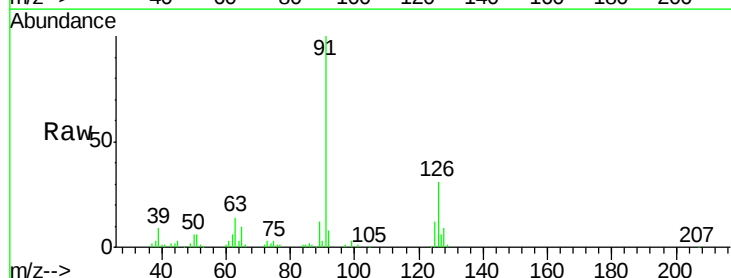
RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Tgt Ion:	91	Resp:	76541
Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.7	47.1





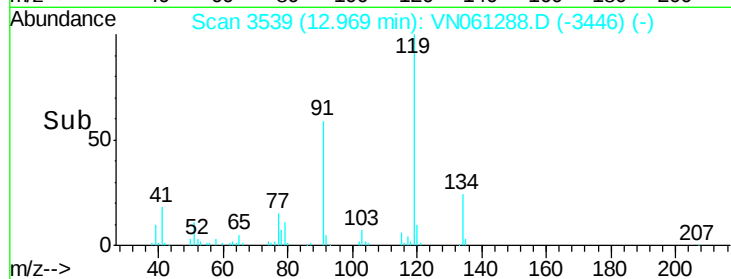
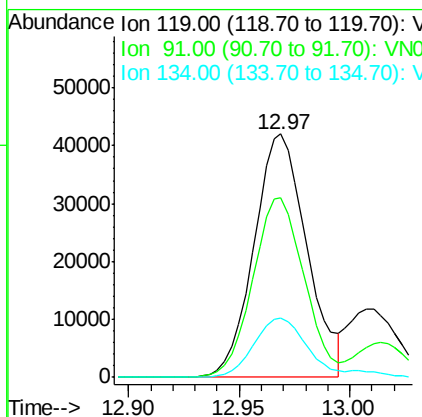
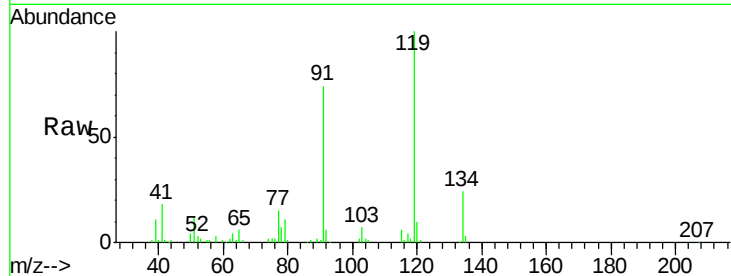
#83
tert-Butylbenzene
Concen: 18.689 ug/l
RT: 12.97 min Scan# 3539
Delta R.T. 0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Instrument :
MSVOA_N
ClientSampled :
VN0505MBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.4	34.8	104.4
134	24.3	12.9	38.7

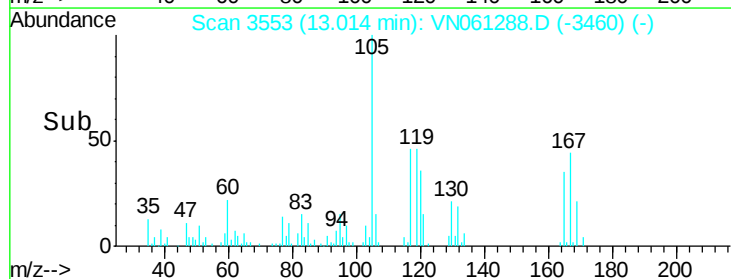
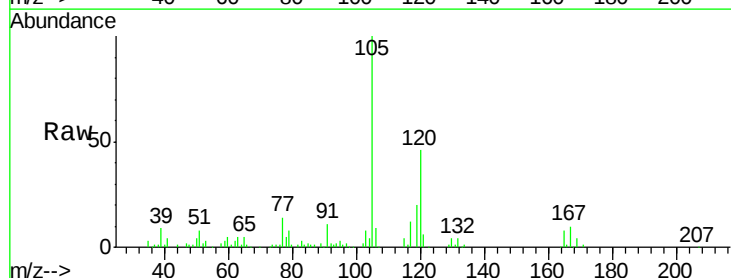
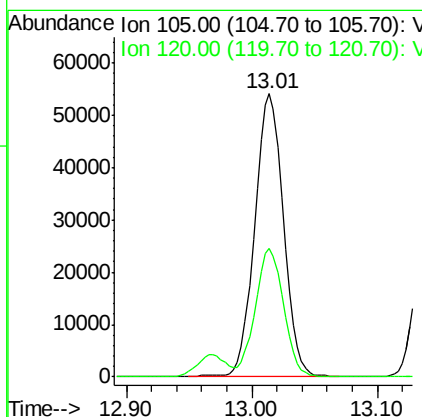
Manual Integrations
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#84
1,2,4-Trimethylbenzene
Concen: 18.861 ug/l
RT: 13.01 min Scan# 3553
Delta R.T. 0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.2	66.6





#85

sec-Butylbenzene

Concen: 18.841 ug/l

RT: 13.15 min Scan# 3594

Delta R.T. 0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Instrument :

MSVOA_N

ClientSampled :

VN0505MBS01

Tot Ion:105 Resp: 96229

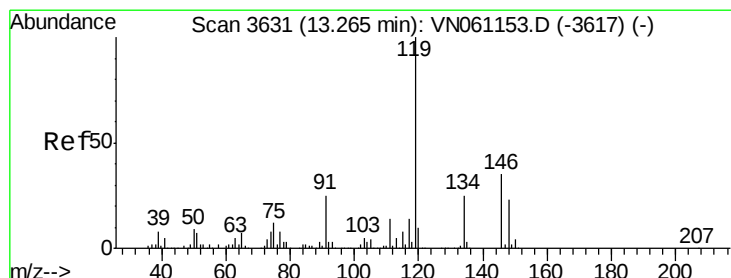
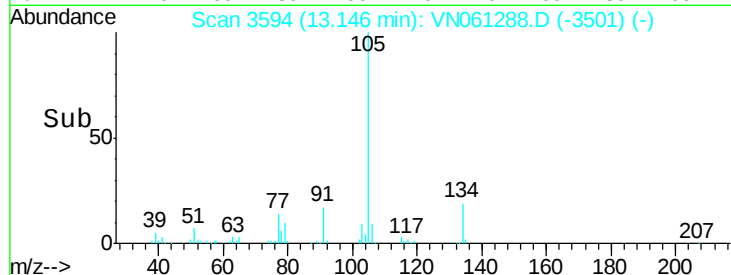
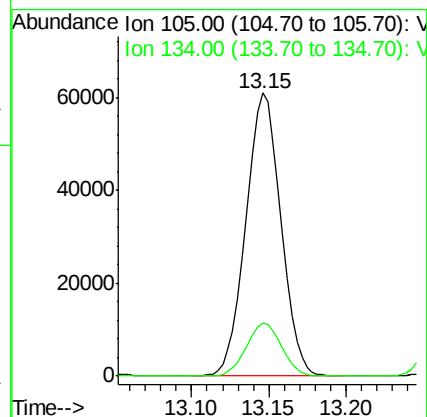
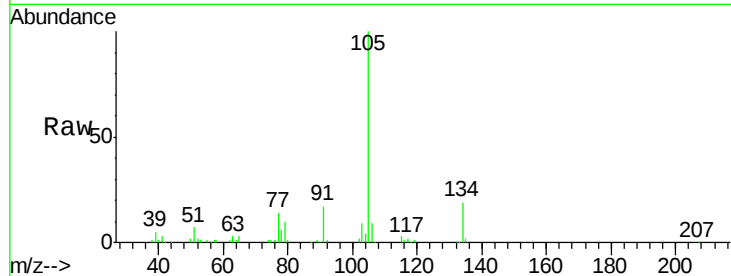
Ion Ratio Lower Upper

105 100

134 18.7 9.6 28.8

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 18.810 ug/l

RT: 13.26 min Scan# 3631

Delta R.T. 0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

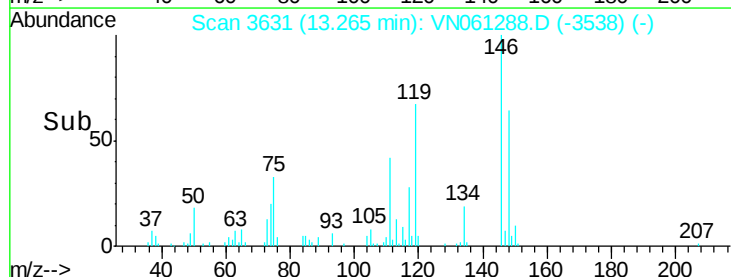
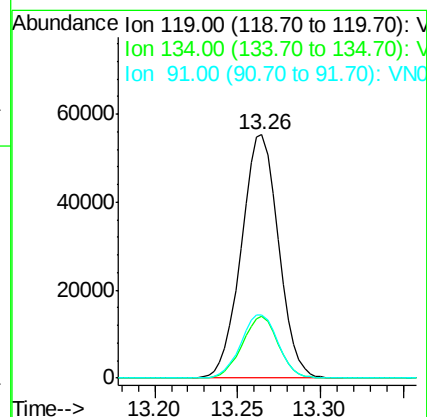
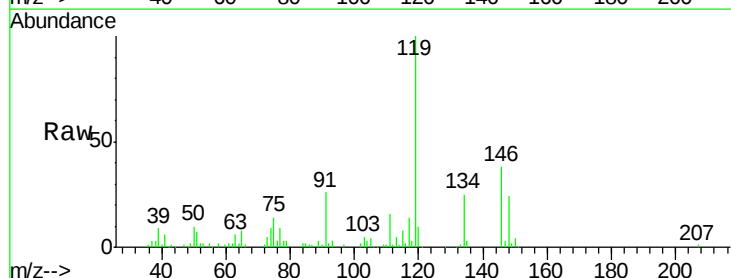
Tgt Ion:119 Resp: 86560

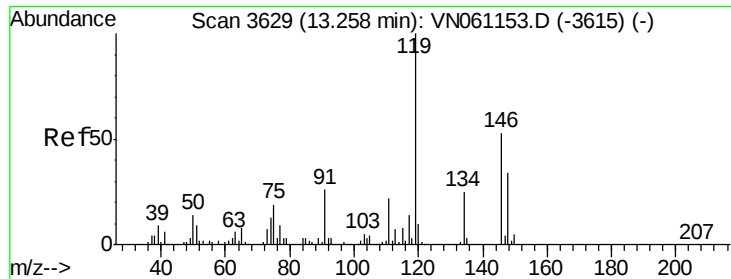
Ion Ratio Lower Upper

119 100

134 24.7 12.6 37.6

91 26.1 12.7 38.0





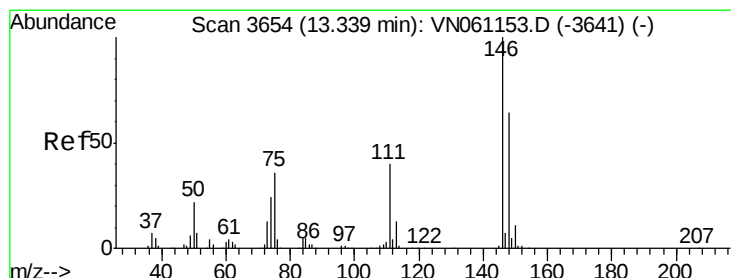
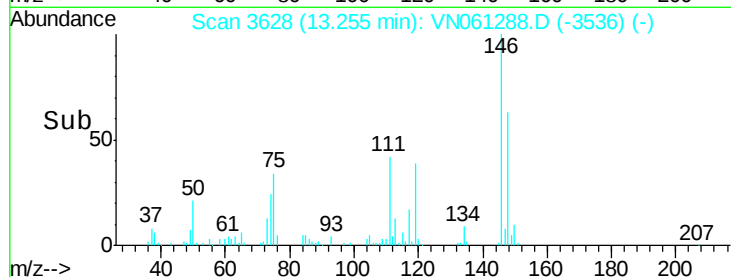
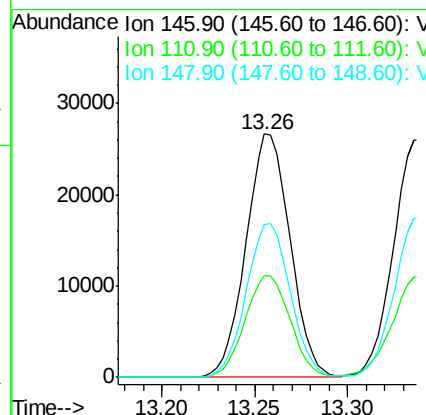
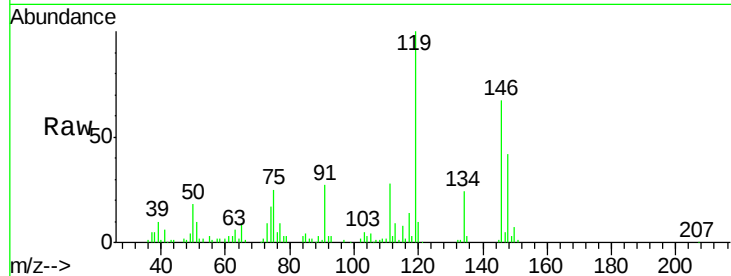
#87
 1,3-Dichlorobenzene
 Concen: 19.319 ug/l
 RT: 13.26 min Scan# 3628
 Delta R.T. -0.00 min
 Lab File: VN061288.D
 Acq: 5 May 2020 13:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	20.7	62.1
148	63.2	31.8	95.3

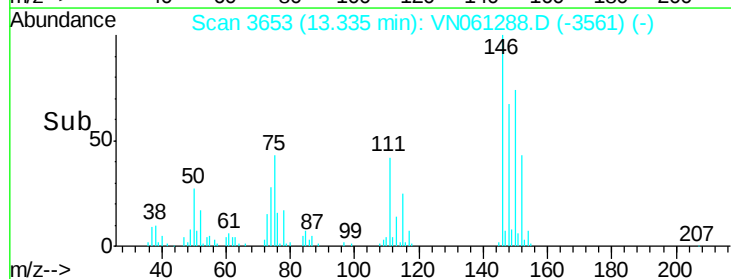
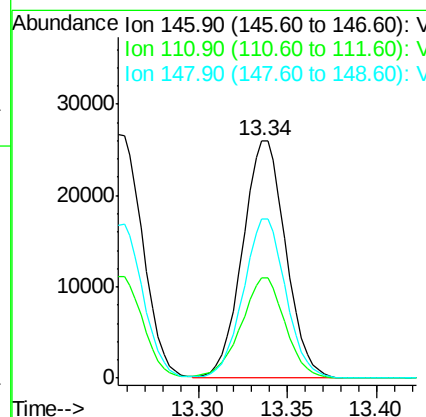
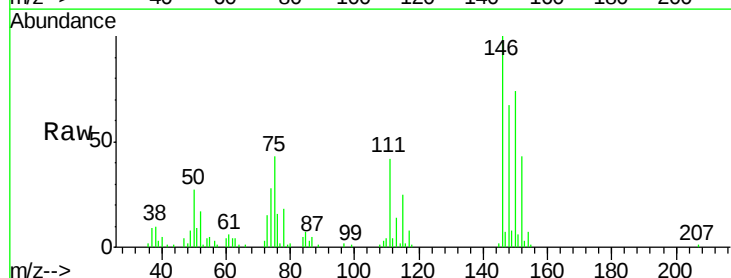
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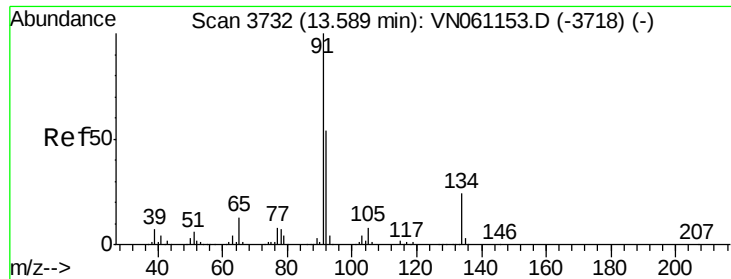
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#88
 1,4-Dichlorobenzene
 Concen: 18.901 ug/l
 RT: 13.34 min Scan# 3653
 Delta R.T. -0.00 min
 Lab File: VN061288.D
 Acq: 5 May 2020 13:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.1	20.4	61.3
148	66.0	31.9	95.7





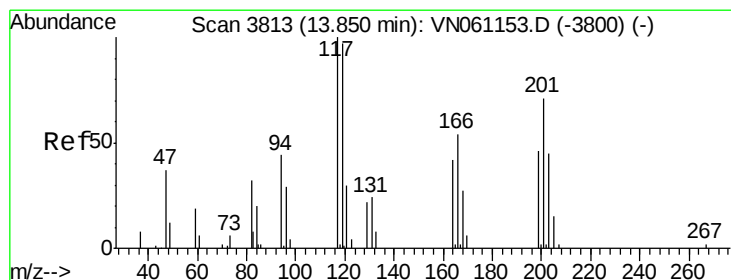
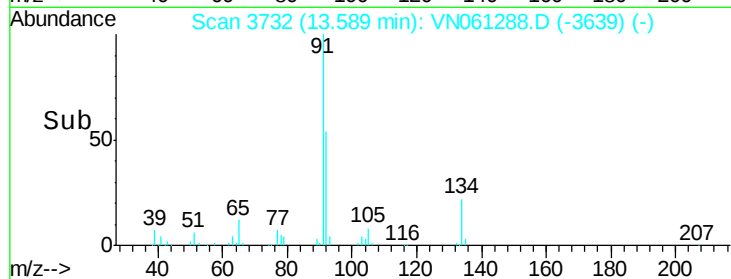
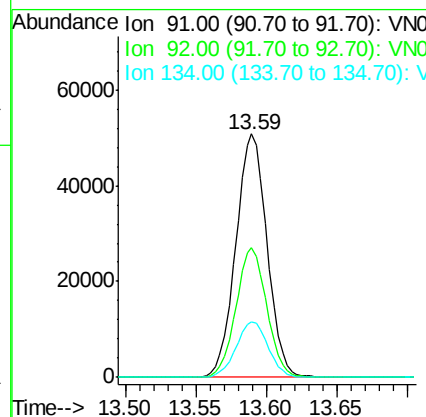
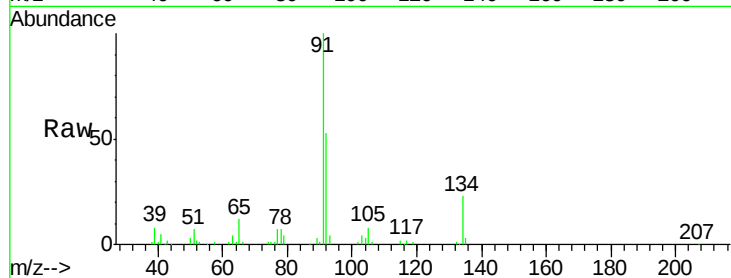
#89
n-Butylbenzene
Concen: 18.669 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.8	80.3
134	23.3	11.9	35.5

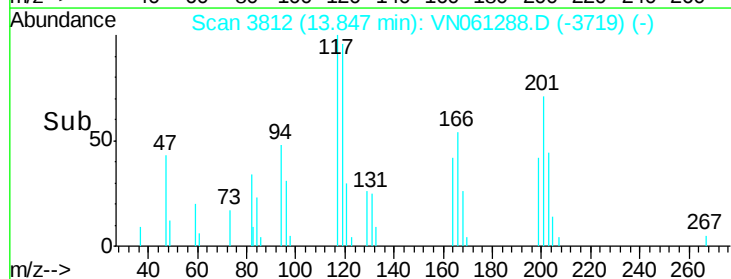
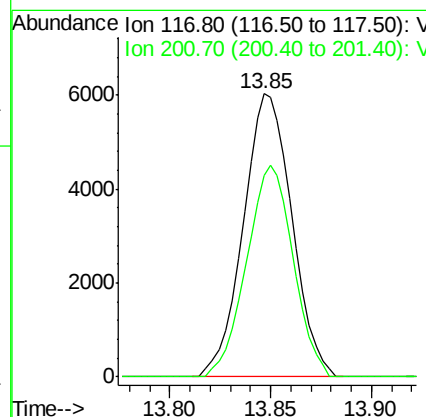
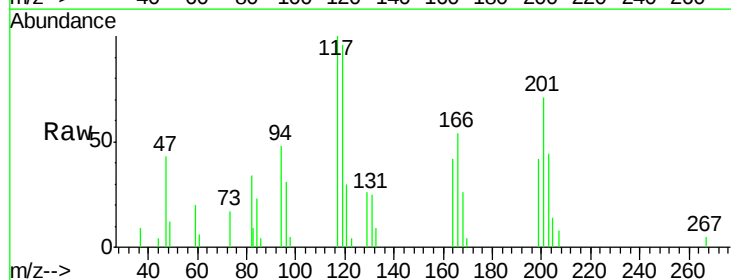
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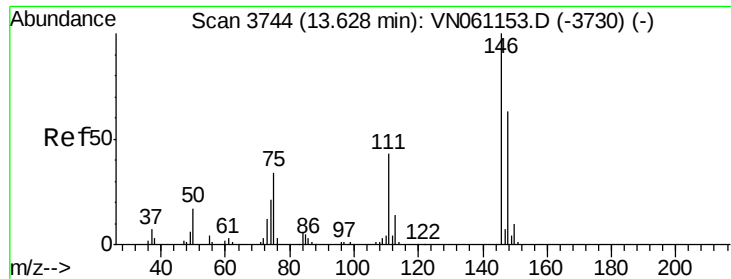
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#90
Hexachloroethane
Concen: 25.538 ug/l
RT: 13.85 min Scan# 3812
Delta R.T. -0.00 min
Lab File: VN061288.D
Acq: 5 May 2020 13:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.7	35.5	106.7





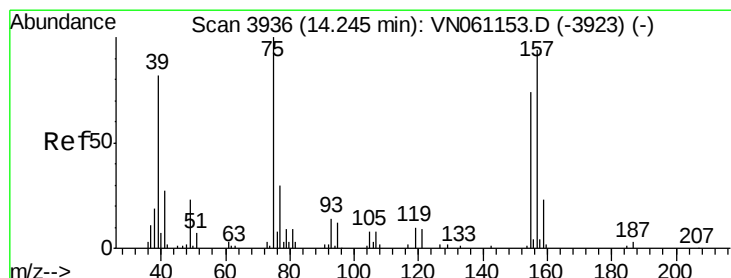
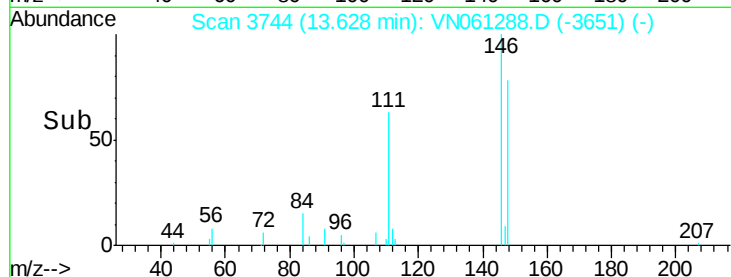
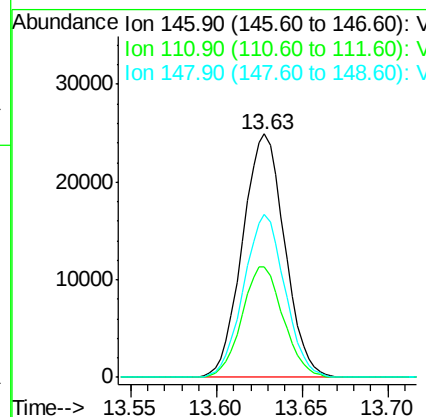
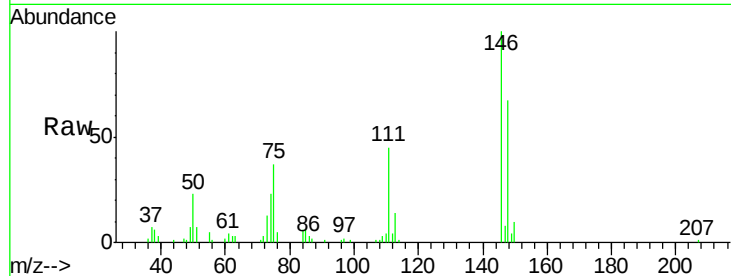
#91
 1,2-Dichlorobenzene
 Concen: 19.400 ug/l
 RT: 13.63 min Scan# 3744
 Delta R.T. 0.00 min
 Lab File: VN061288.D
 Acq: 5 May 2020 13:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.4	21.8	65.3
148	65.0	31.6	95.0

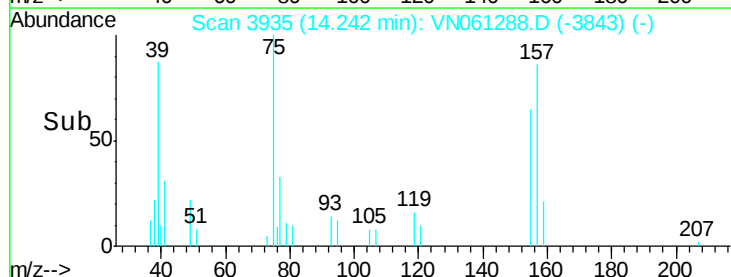
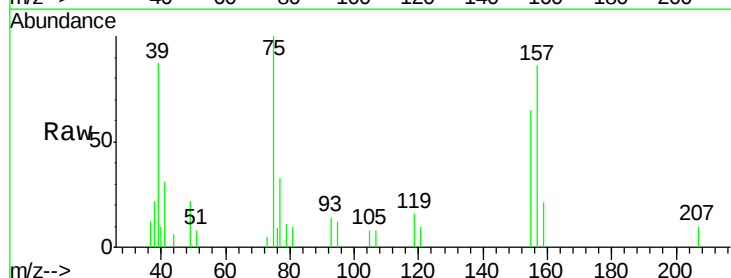
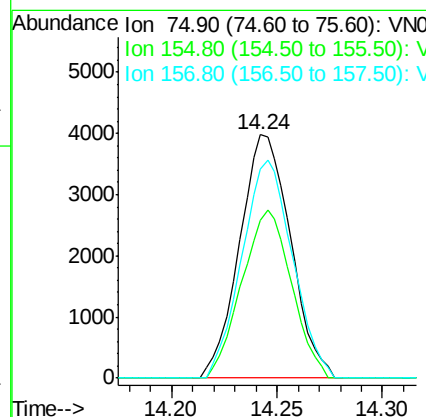
Manual Integrations
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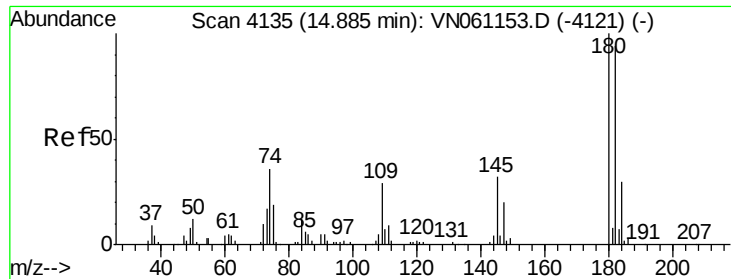
MMDadoda
 5/6/2020 11:37:23 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.908 ug/l
 RT: 14.24 min Scan# 3935
 Delta R.T. -0.00 min
 Lab File: VN061288.D
 Acq: 5 May 2020 13:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	67.1	36.5	109.7
157	88.9	46.6	139.7





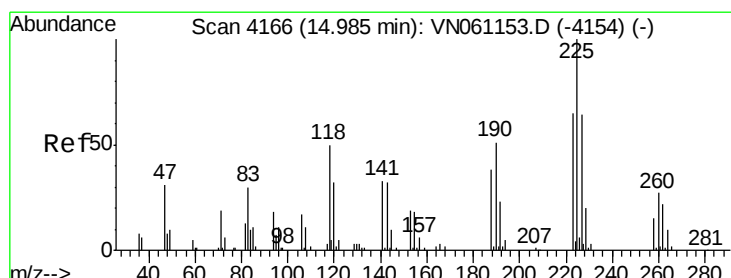
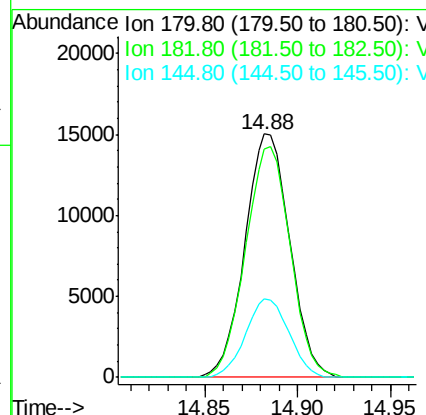
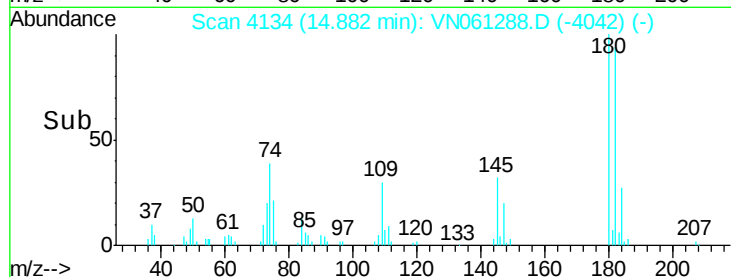
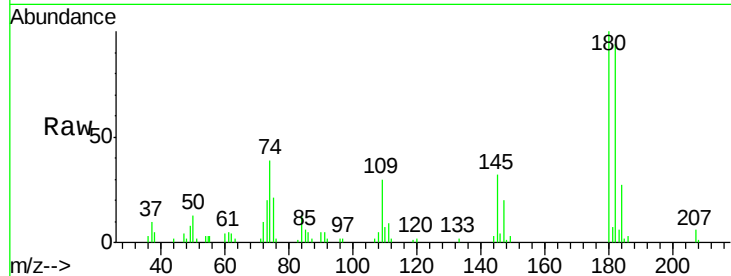
#93
 1,2,4-Trichlorobenzene
 Concen: 18.946 ug/l
 RT: 14.88 min Scan# 4134
 Delta R.T. -0.00 min
 Lab File: VN061288.D
 Acq: 5 May 2020 13:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505MBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.3	141.9
145	31.1	16.0	47.9

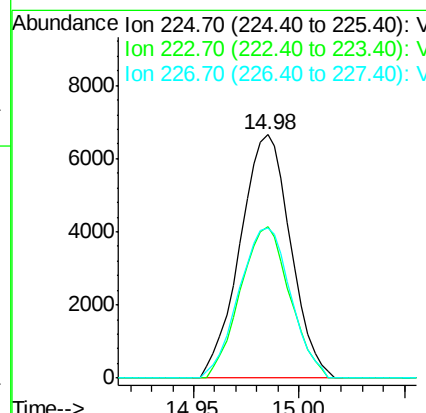
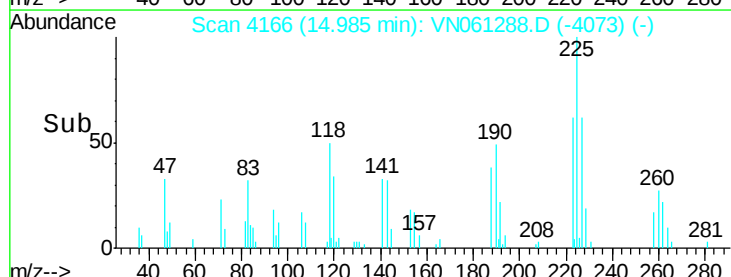
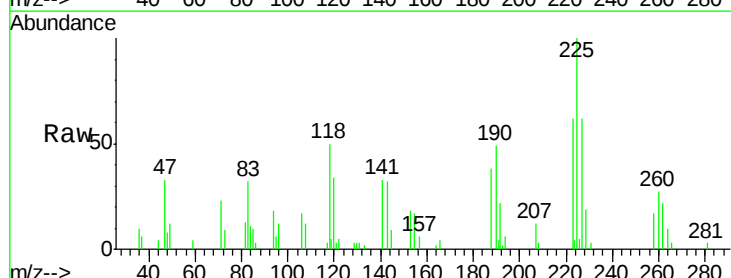
Manual Integrations
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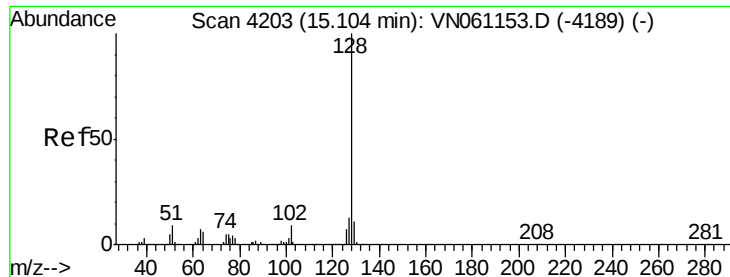
MMDadoda
 5/6/2020 11:37:23 AM



#94
 Hexachlorobutadiene
 Concen: 19.891 ug/l
 RT: 14.98 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061288.D
 Acq: 5 May 2020 13:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	32.4	97.0
227	63.1	32.4	97.0





#95

Naphthalene

Concen: 17.585 ug/l

RT: 15.11 min Scan# 4204

Delta R.T. 0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Instrument :

MSVOA_N

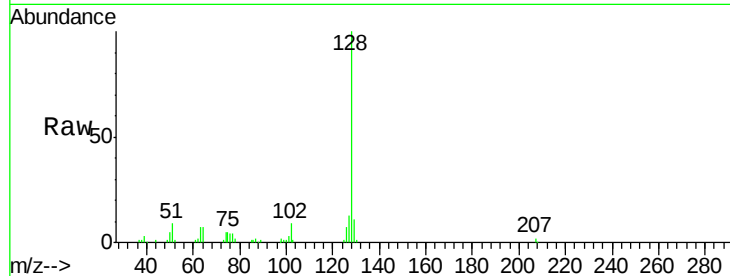
ClientSampleId :

VN0505MBS01

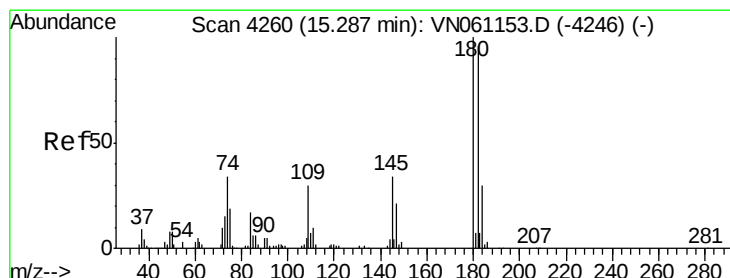
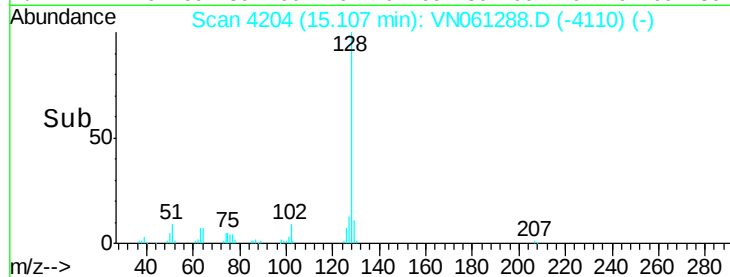
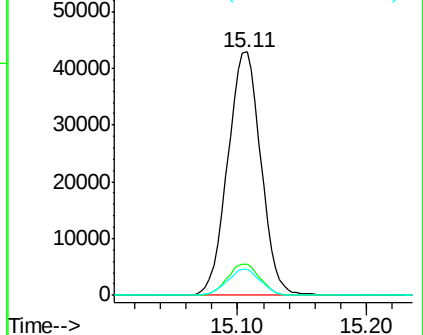
Tot Ion:	128	Resp:	76278
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.4	15.6
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/6/2020 11:37:23 AM



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.493 ug/l

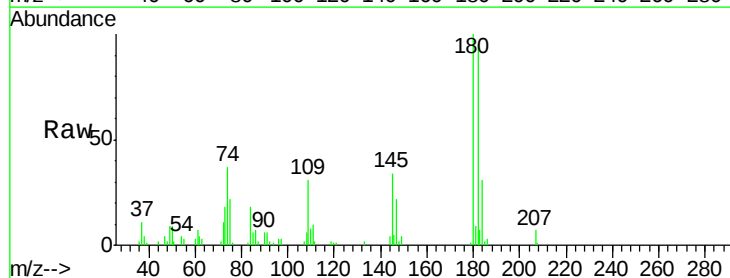
RT: 15.28 min Scan# 4259

Delta R.T. -0.00 min

Lab File: VN061288.D

Acq: 5 May 2020 13:45

Tgt Ion:	180	Resp:	24319
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.5	142.5
145	34.0	16.9	50.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

