

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050420\
 Data File : VN061278.D
 Acq On : 4 May 2020 15:17
 Operator : JC/MD
 Sample : L2467-03MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS040MW015-200428MS

Manual Integrations
 APPROVED

MMDadoda
 5/5/2020 11:36:14 AM

Quant Time: May 05 04:52:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	102950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	175417	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	167684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	82227	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	85239	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
35) Dibromofluoromethane	7.55	113	50591	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
50) Toluene-d8	10.06	98	225911	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
62) 4-Bromofluorobenzene	12.38	95	85958	54.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	55680	51.003	ug/l	99
3) Chloromethane	2.03	50	75908	57.411	ug/l	98
4) Vinyl Chloride	2.16	62	84411	56.208	ug/l	99
5) Bromomethane	2.53	94	34624	46.642	ug/l	99
6) Chloroethane	2.67	64	51120	53.705	ug/l	100
7) Trichlorofluoromethane	2.98	101	100430	59.275	ug/l	96
8) Diethyl Ether	3.37	74	40109	56.755	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	58460	53.558	ug/l	99
10) Methyl Iodide	3.91	142	63003	44.914	ug/l	100
11) Tert butyl alcohol	4.73	59	68601	314.373	ug/l	100
12) 1,1-Dichloroethene	3.69	96	55832	51.401	ug/l	100
13) Acrolein	3.56	56	41538	285.643	ug/l	99
14) Allyl chloride	4.27	41	121707	60.430	ug/l	98
15) Acrylonitrile	4.93	53	189243	282.510	ug/l	99
16) Acetone	3.77	43	166572	264.722	ug/l	100
17) Carbon Disulfide	4.01	76	135041	45.006	ug/l	100
18) Methyl Acetate	4.27	43	97378	47.392	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	217565	52.419	ug/l	99
20) Methylene Chloride	4.50	84	66220	52.133	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	61963	52.388	ug/l	99
22) Diisopropyl ether	5.90	45	255674	54.744	ug/l	99
23) Vinyl Acetate	5.84	43	1018637	270.880	ug/l	99
24) 1,1-Dichloroethane	5.80	63	128655	52.724	ug/l	99
25) 2-Butanone	6.79	43	267729	277.749	ug/l	99
26) 2,2-Dichloropropane	6.78	77	107498	52.302	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	72422	52.177	ug/l	98
28) Bromochloromethane	7.15	49	60672	52.458	ug/l	96
29) Tetrahydrofuran	7.17	42	178117	274.313	ug/l	98
30) Chloroform	7.33	83	128036	51.777	ug/l	98
31) Cyclohexane	7.62	56	113899	48.063	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	109008	50.623	ug/l	99
36) 1,1-Dichloropropene	7.75	75	94369	53.741	ug/l	99
37) Ethyl Acetate	6.88	43	111317	54.073	ug/l	100
38) Carbon Tetrachloride	7.73	117	83351	51.932	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	106189	53.922	ug/l	98
40) Benzene	8.00	78	275707	52.701	ug/l	100
41) Methacrylonitrile	7.12	41	56688	66.322	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	108285	54.637	ug/l	99
43) Isopropyl Acetate	8.13	43	239110	69.986	ug/l #	90
44) Trichloroethene	8.80	130	70123	49.583	ug/l	99
45) 1,2-Dichloropropane	9.08	63	75931	54.327	ug/l	99
46) Dibromomethane	9.17	93	46674	53.934	ug/l	99
47) Bromodichloromethane	9.37	83	101704	54.754	ug/l	98
48) Methyl methacrylate	9.17	41	90525	58.717	ug/l	98
49) 1,4-Dioxane	9.17	88	18776	1072.895	ug/l	92
51) 4-Methyl-2-Pentanone	9.95	43	578426	287.629	ug/l	100
52) Toluene	10.12	92	169188	53.691	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	112355	53.682	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	118119	53.383	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	67794	53.938	ug/l	97
56) Ethyl methacrylate	10.40	69	111765	50.973	ug/l	99
57) 1,3-Dichloropropane	10.68	76	120237	54.423	ug/l	99
59) 2-Hexanone	10.72	43	426109	291.246	ug/l	99
60) Dibromochloromethane	10.88	129	71118	54.024	ug/l	99
61) 1,2-Dibromoethane	10.98	107	68244	54.171	ug/l	99
64) Tetrachloroethene	10.60	164	68599	47.234	ug/l	99
65) Chlorobenzene	11.41	112	173763	52.239	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	64523	54.198	ug/l	99
67) Ethyl Benzene	11.48	91	333573	53.571	ug/l	100
68) m/p-Xylenes	11.60	106	242801	106.530	ug/l	99
69) o-Xylene	11.92	106	114746	52.412	ug/l	96
70) Stvrene	11.94	104	199863	54.544	ug/l	99
71) Bromoform	12.10	173	48470	55.397	ug/l #	99
73) Isopropylbenzene	12.22	105	318677	52.718	ug/l	99
74) N-amyl acetate	12.05	43	162403	53.055	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	102047	54.140	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	92766m	53.512	ug/l	
77) Bromobenzene	12.50	156	72114	51.679	ug/l	98
78) n-propylbenzene	12.57	91	381391	53.193	ug/l	100
79) 2-Chlorotoluene	12.65	91	221540	52.569	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	270307	54.028	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	37589	55.064	ug/l	97
82) 4-Chlorotoluene	12.75	91	237349	53.436	ug/l	98
83) tert-Butylbenzene	12.97	119	232672	55.153	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	271693	52.709	ug/l	99
85) sec-Butylbenzene	13.15	105	312120	54.266	ug/l	100
86) p-Isopropyltoluene	13.26	119	277918	53.630	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	132350	51.521	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	133910	51.019	ug/l	100
89) n-Butylbenzene	13.59	91	265717	55.932	ug/l	99
90) Hexachloroethane	13.85	117	31800	57.485	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	128364	52.114	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	21474	53.943	ug/l	99
93) 1,2,4-Trichlorobenzene	14.89	180	78131	52.090	ug/l	99

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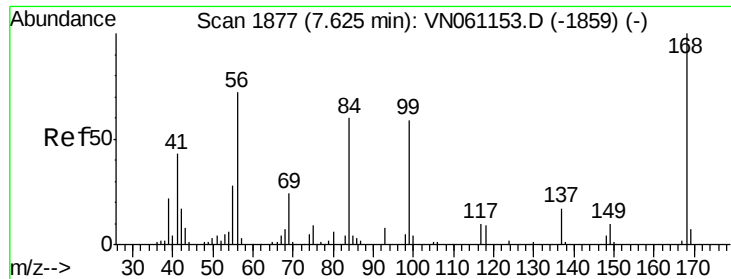
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	33950	54.180	ug/l	99
95) Naphthalene	15.11	128	248443	50.860	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	75359	50.888	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VN061278.D

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Instrument :

MSVOA_N

ClientSampleId :

SS040MW015-200428MS

Tot Ion:168 Resp: 102950

Ion Ratio Lower Upper

168 100

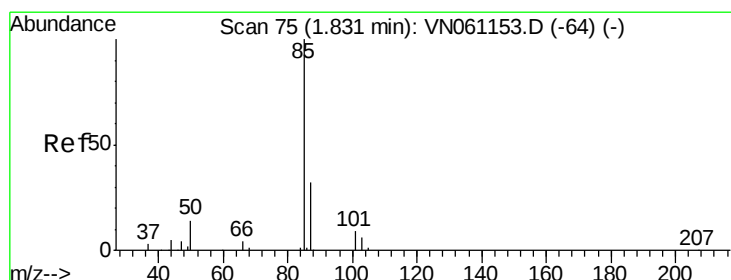
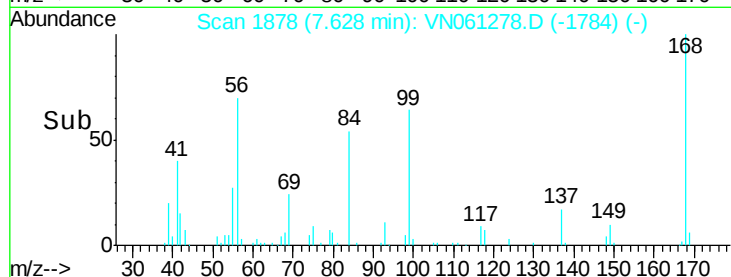
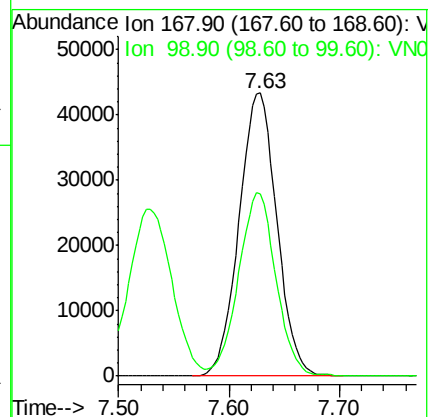
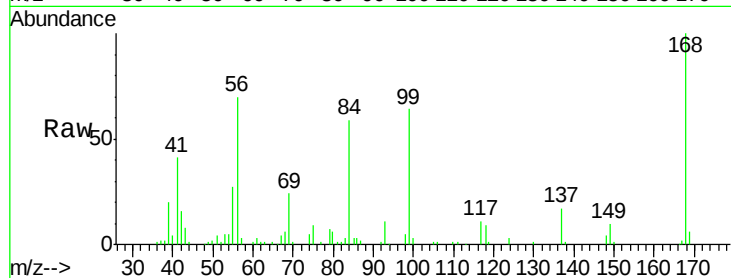
99 64.4 51.2 76.8

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#2

Dichlorodifluoromethane

Concen: 51.003 ug/l

RT: 1.83 min Scan# 75

Delta R.T. 0.00 min

Lab File: VN061278.D

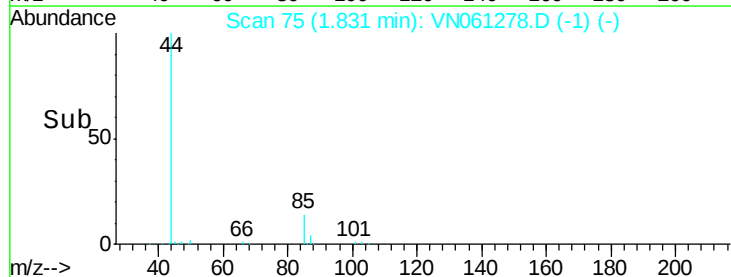
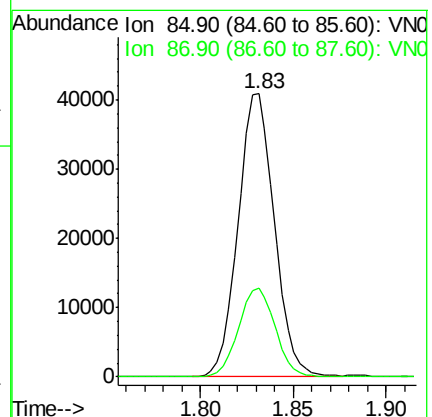
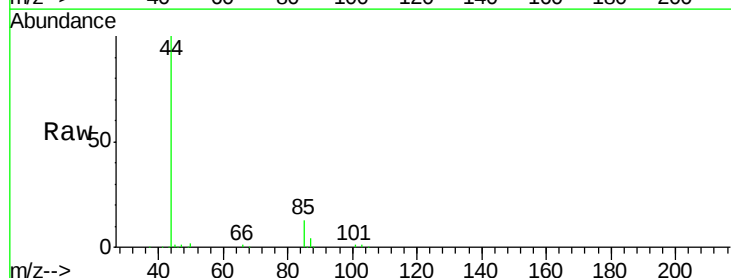
Acq: 4 May 2020 15:17

Tgt Ion: 85 Resp: 55680

Ion Ratio Lower Upper

85 100

87 31.3 16.1 48.2





#3

Chloromethane

Concen: 57.411 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061278.D

Acq: 4 May 2020 15:17

Instrument :

MSVOA_N

ClientSampleId :

SS040MW015-200428MS

Tot Ion: 50 Resp: 75908

Ion Ratio Lower Upper

50 100

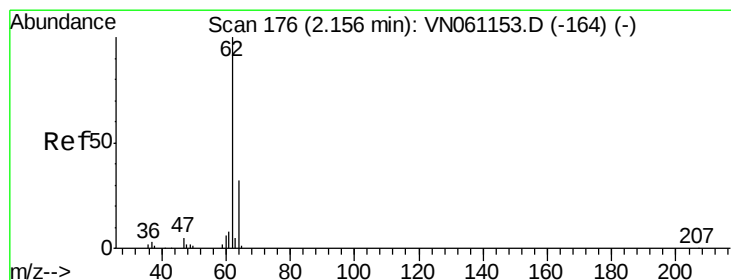
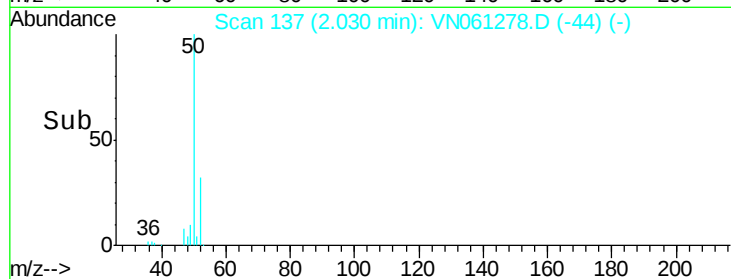
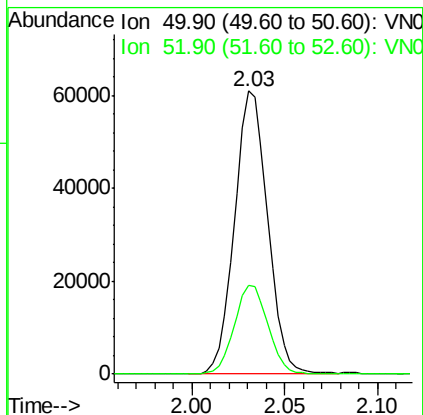
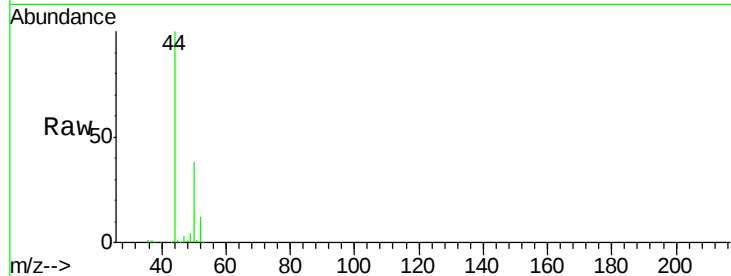
52 31.6 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 56.208 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061278.D

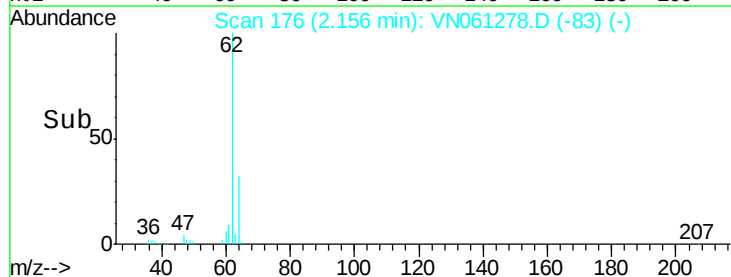
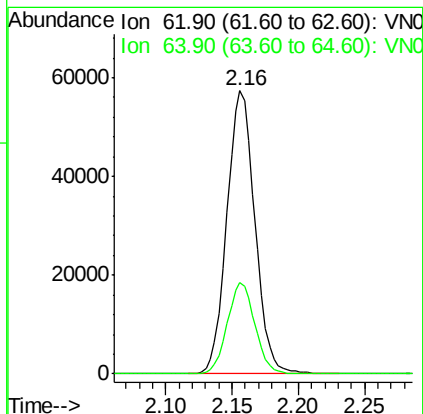
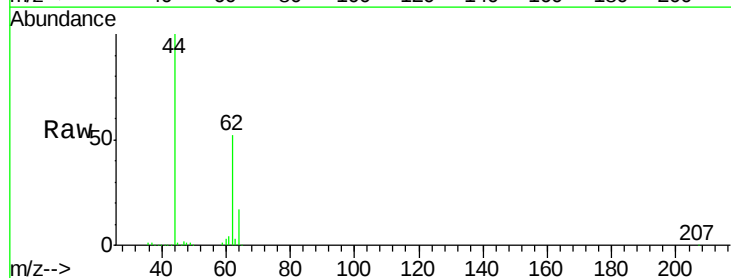
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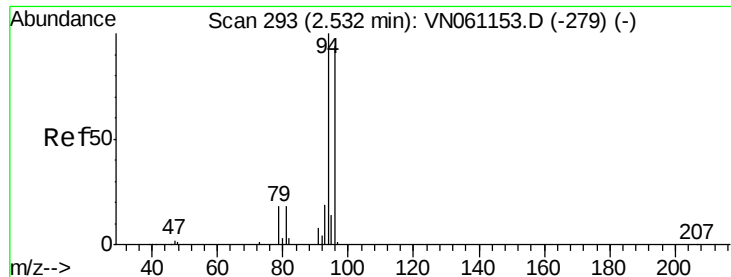
Tgt Ion: 62 Resp: 84411

Ion Ratio Lower Upper

62 100

64 32.1 25.2 37.8





#5

Bromomethane

Concen: 46.642 ug/l

RT: 2.53 min Scan# 292

Delta R.T. -0.00 min

Lab File: VN061278.D

Acq: 4 May 2020 15:17

Instrument :

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Tot Ion: 94 Resp: 34624

Ion Ratio Lower Upper

94 100

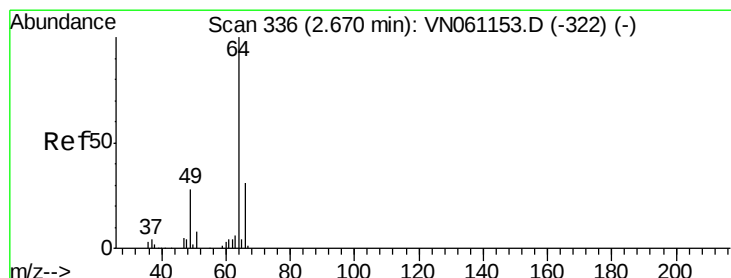
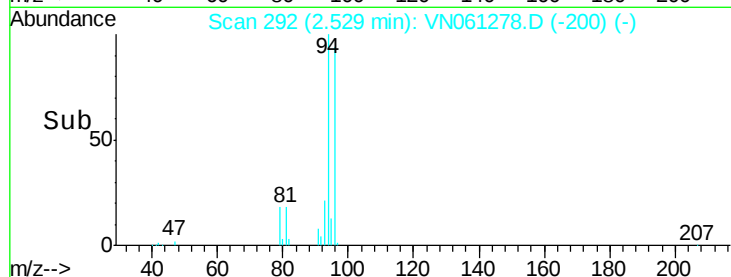
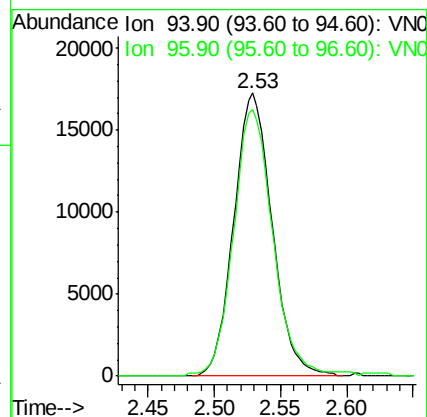
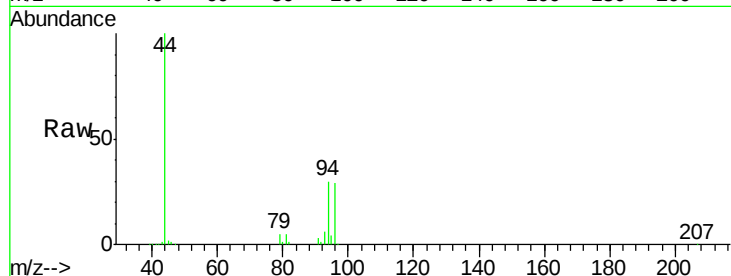
96 93.2 75.1 112.7

Manual Integrations

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#6

Chloroethane

Concen: 53.705 ug/l

RT: 2.67 min Scan# 335

Delta R.T. -0.00 min

Lab File: VN061278.D

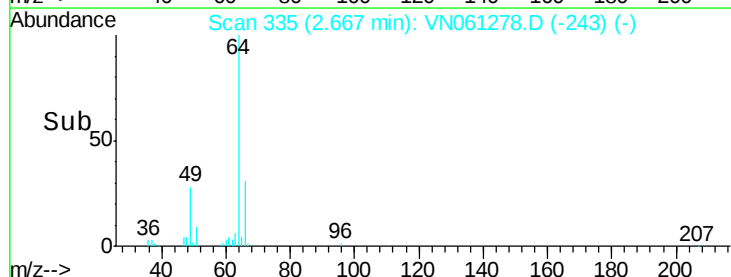
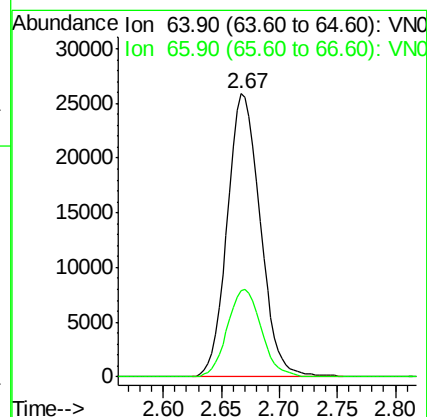
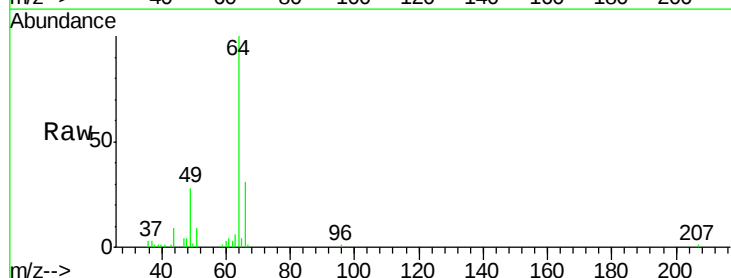
Acq: 4 May 2020 15:17

Tgt Ion: 64 Resp: 51120

Ion Ratio Lower Upper

64 100

66 30.7 24.6 36.8





#7

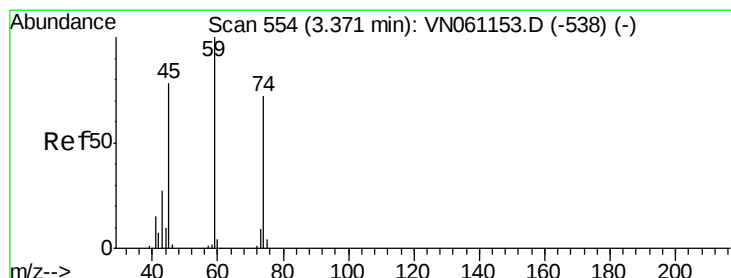
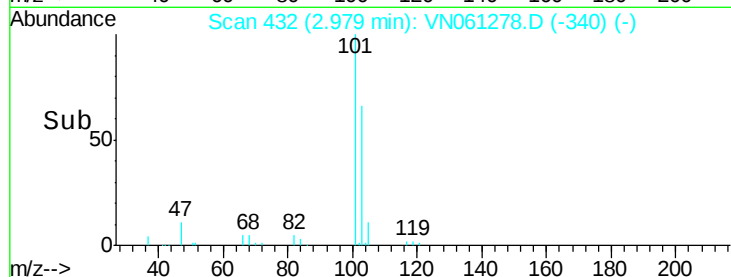
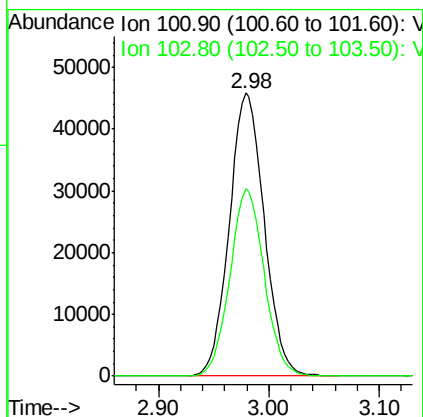
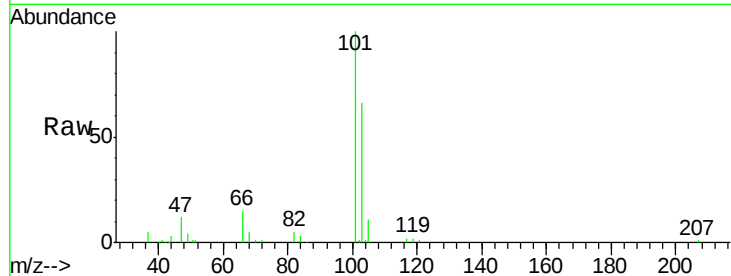
Trichlorofluoromethane
 Concen: 59.275 ug/l
 RT: 2.98 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: VN061278.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	100430		
103	66.1	50.6	76.0	

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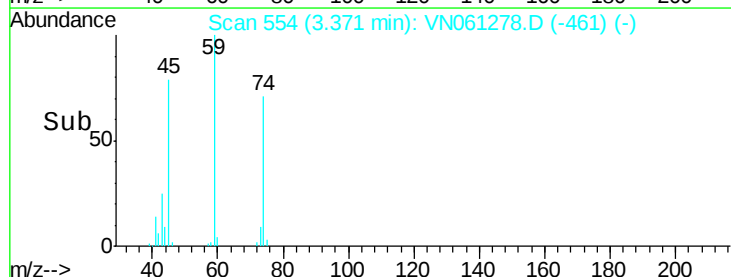
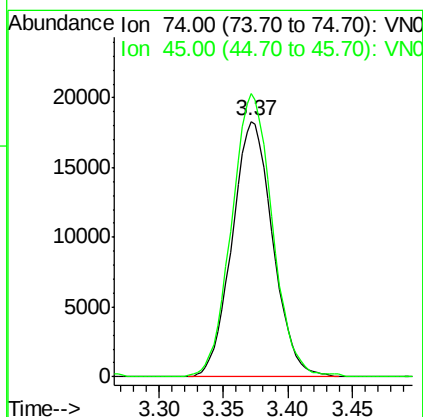
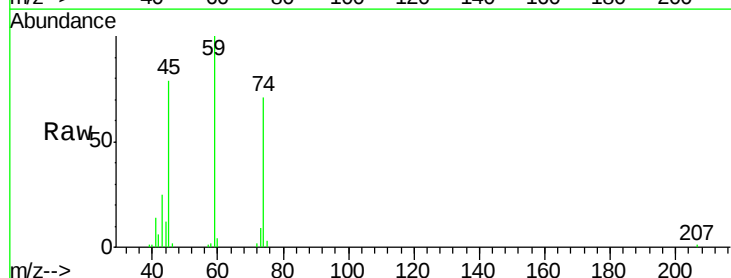
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#8

Diethyl Ether
 Concen: 56.755 ug/l
 RT: 3.37 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: VN061278.D
 Acq: 4 May 2020 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	40109		
45	111.8	53.3	160.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.558 ug/l

RT: 3.72 min Scan# 661

Delta R.T. 0.00 min

Lab File: VN061278.D

Acq: 4 May 2020 15:17

Instrument :

MSVOA_N

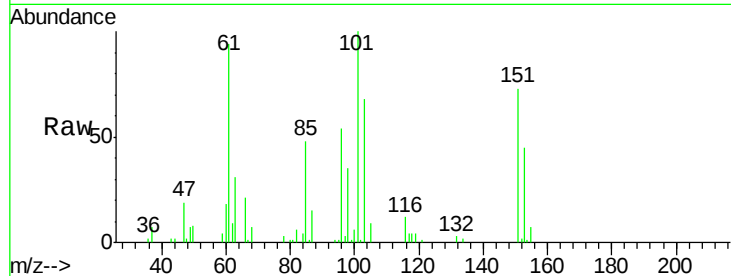
ClientSampleId :

SS040MW015-200428MS

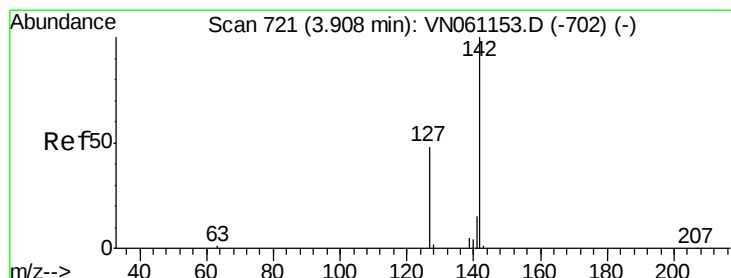
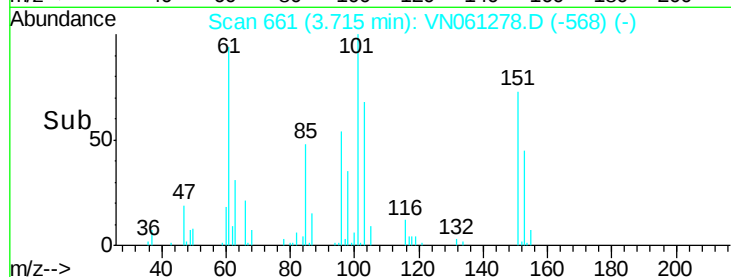
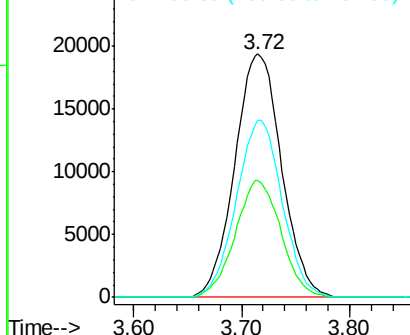
Tot Ion:	101	Resp:	58460
Ion Ratio	Lower	Upper	
101	100		
85	46.8	37.2	55.8
151	71.3	57.7	86.5

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



#10

Methyl Iodide

Concen: 44.914 ug/l

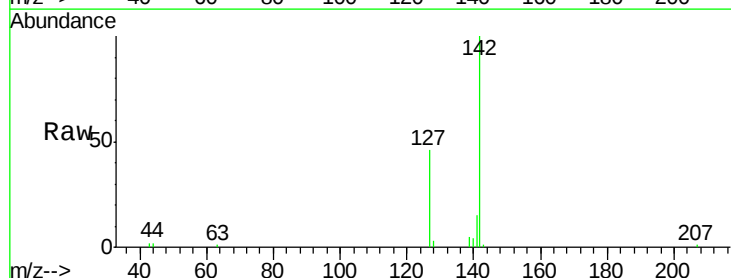
RT: 3.91 min Scan# 721

Delta R.T. 0.00 min

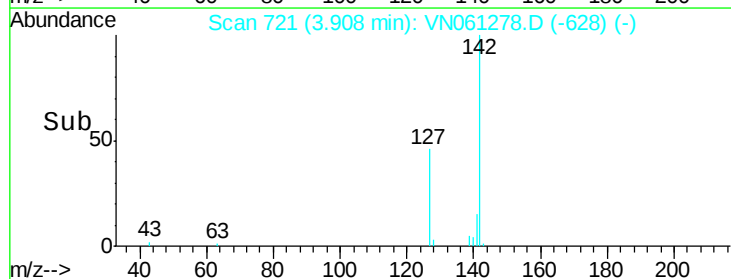
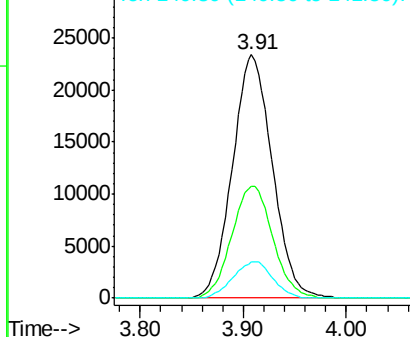
Lab File: VN061278.D

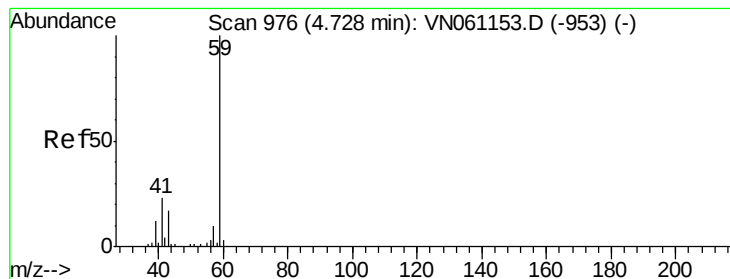
Acq: 4 May 2020 15:17

Tgt Ion:	142	Resp:	63003
Ion Ratio	Lower	Upper	
142	100		
127	47.3	38.0	57.0
141	14.8	11.7	17.5



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





#11

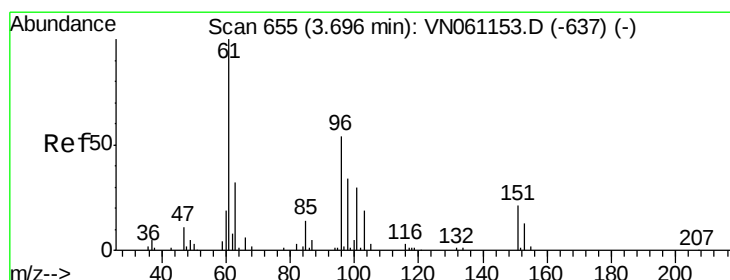
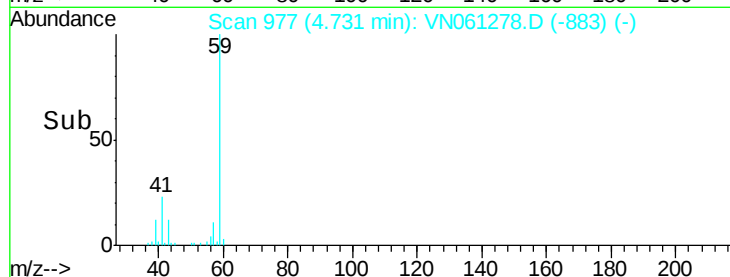
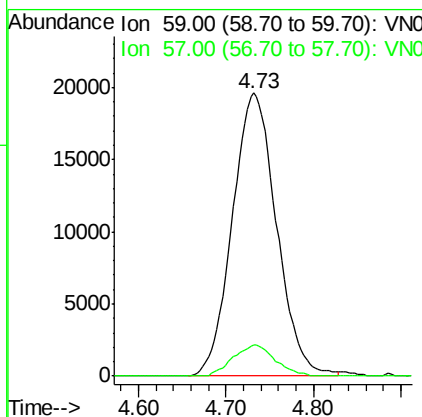
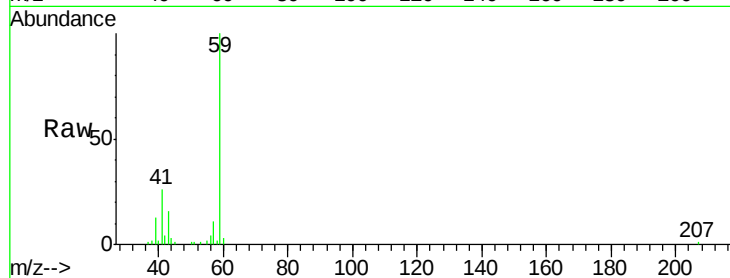
Tert butyl alcohol
Concen: 314.373 ug/l
RT: 4.73 min Scan# 977
Delta R.T. 0.00 min
Lab File: VN061278.D
Acq: 4 May 2020 15:17

Instrument :
MSVOA_N
ClientSampleId :
SS040MW015-200428MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.3	12.5

Manual Integrations
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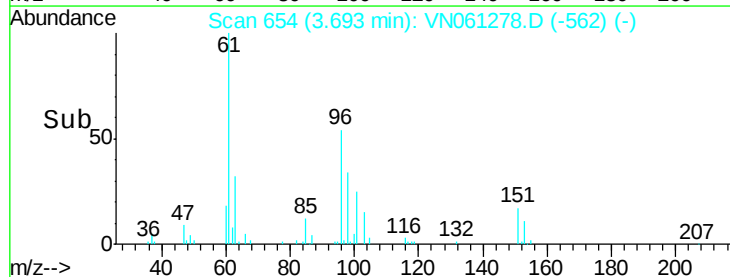
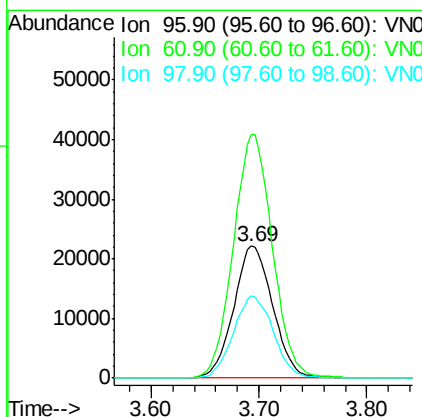
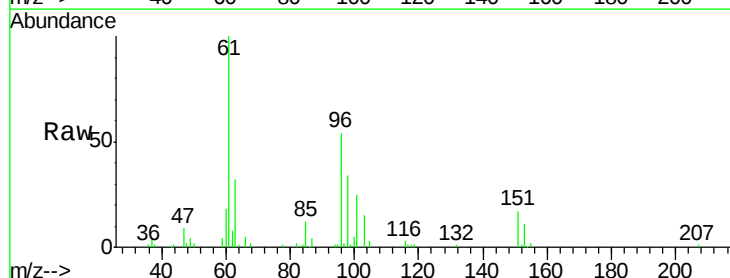
MMDadoda
5/5/2020 11:36:14 AM

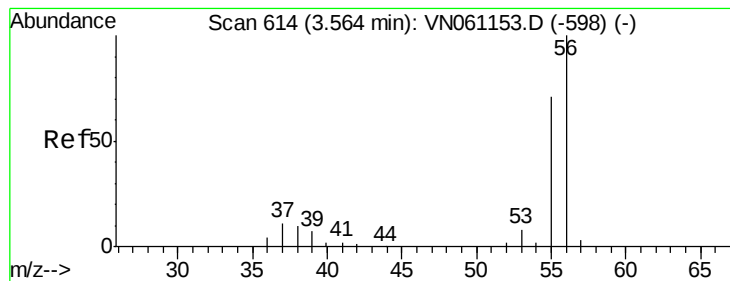


#12

1,1-Dichloroethene
Concen: 51.401 ug/l
RT: 3.69 min Scan# 654
Delta R.T. -0.00 min
Lab File: VN061278.D
Acq: 4 May 2020 15:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	184.6	147.0	220.6
98	62.2	49.8	74.6





#13

Acrolein

Concen: 285.643 ug/l

RT: 3.56 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN061278.D

Acq: 4 May 2020 15:17

Instrument :

MSVOA_N

ClientSampleId :

SS040MW015-200428MS

Tot Ion: 56 Resp: 41538

Ion Ratio Lower Upper

56 100

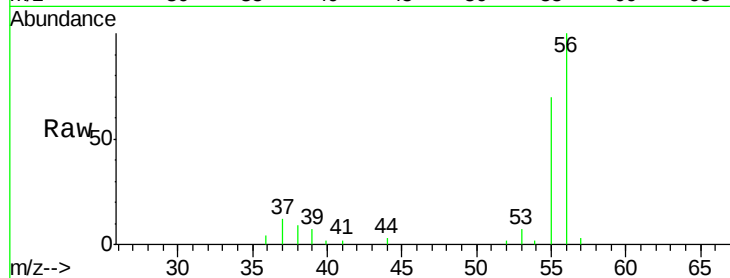
55 72.0 58.5 87.7

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Abundance Ion 56.00 (55.70 to 56.70): VN061153.D (-598) (-)

Ion 55.00 (54.70 to 55.70): VN061153.D (-598) (-)

20000

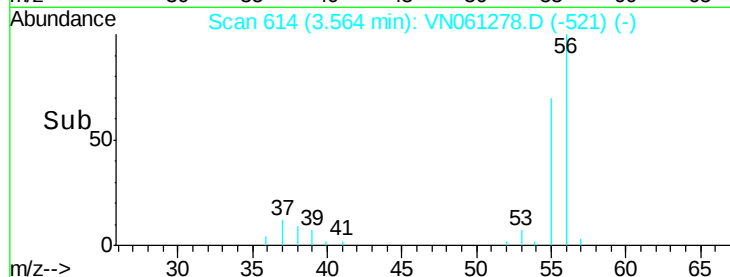
15000

10000

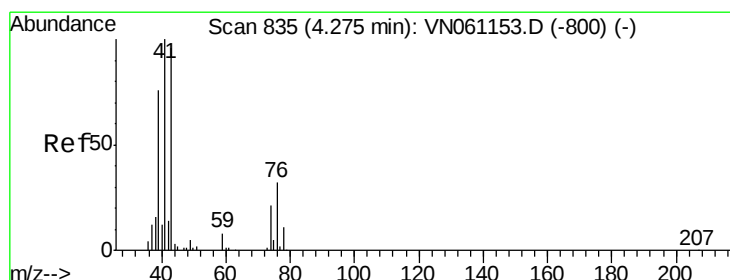
5000

0

Time-->



Time-->



#14

Allyl chloride

Concen: 60.430 ug/l

RT: 4.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: VN061278.D

Acq: 4 May 2020 15:17

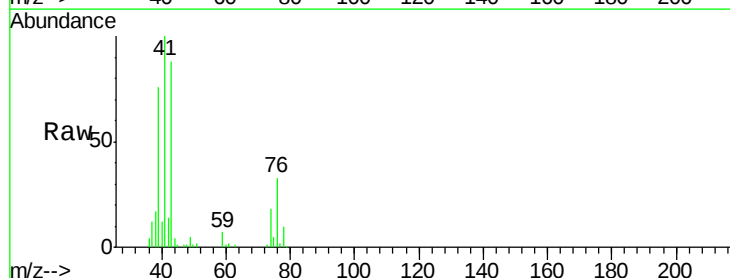
Tgt Ion: 41 Resp: 121707

Ion Ratio Lower Upper

41 100

39 69.6 57.1 85.7

76 29.6 24.3 36.5



Abundance Ion 41.00 (40.70 to 41.70): VN061153.D (-800) (-)

Ion 39.00 (38.70 to 39.70): VN061153.D (-800) (-)

Ion 75.90 (75.60 to 76.60): VN061153.D (-800) (-)

50000

40000

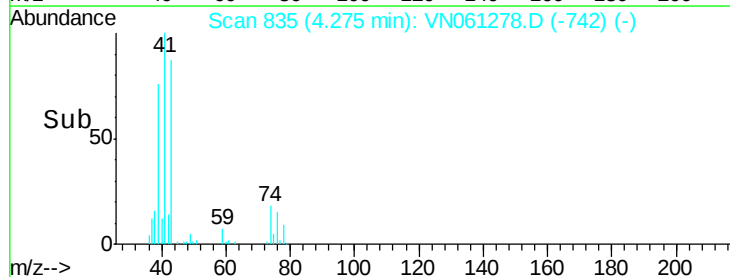
30000

20000

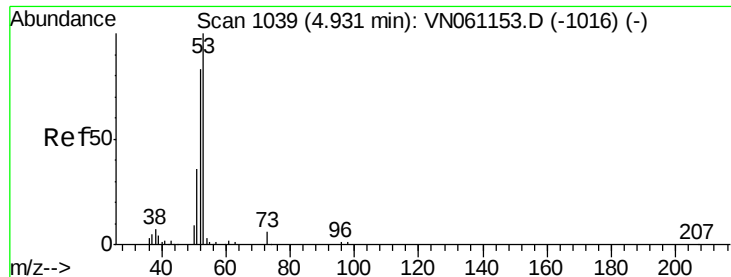
10000

0

Time-->



Time-->



#15

Acrylonitrile

Concen: 282.510 ug/l

RT: 4.93 min Scan# 1039

Delta R.T. 0.00 min

Lab File: VN061278.D

Acq: 4 May 2020 15:17

Instrument :

MSVOA_N

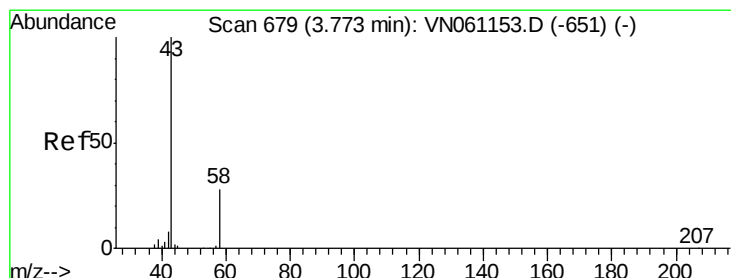
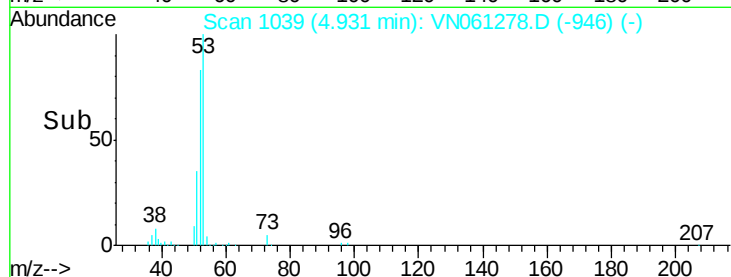
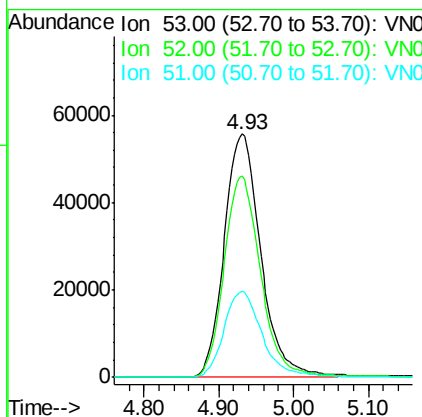
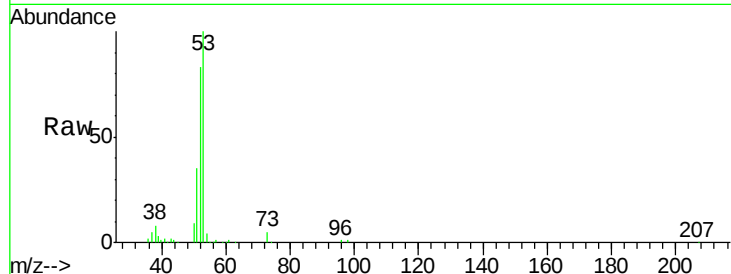
ClientSampleId :

SS040MW015-200428MS

Tot Ion:	53	Resp:	189243
Ion Ratio		Lower	Upper
53	100		
52	83.0	65.4	98.0
51	36.9	29.5	44.3

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#16

Acetone

Concen: 264.722 ug/l

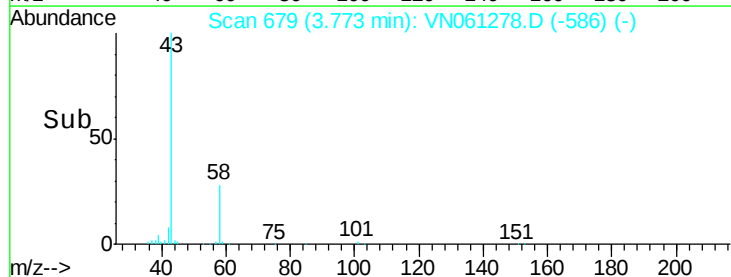
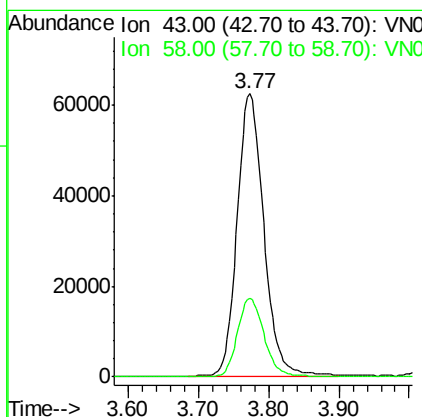
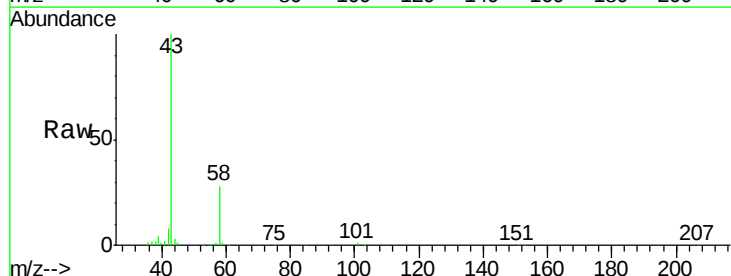
RT: 3.77 min Scan# 679

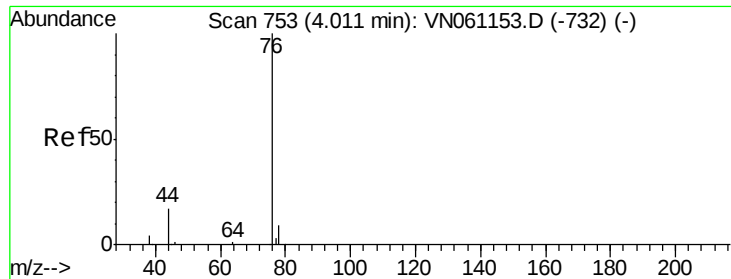
Delta R.T. 0.00 min

Lab File: VN061278.D

Acq: 4 May 2020 15:17

Tgt Ion:	43	Resp:	166572
Ion Ratio		Lower	Upper
43	100		
58	27.7	22.2	33.2





#17

Carbon Disulfide

Concen: 45.006 ug/l

RT: 4.01 min Scan# 753

Delta R.T. 0.00 min

Lab File: VN061278.D

Acq: 4 May 2020 15:17

Instrument :

MSVOA_N

ClientSampleId :

SS040MW015-200428MS

Tot Ion: 76 Resp: 135041

Ion Ratio Lower Upper

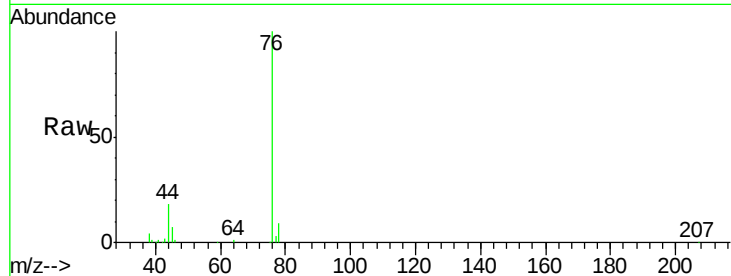
76 100

78 9.0 7.2 10.8

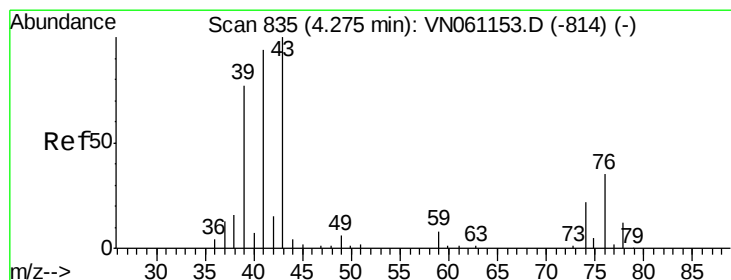
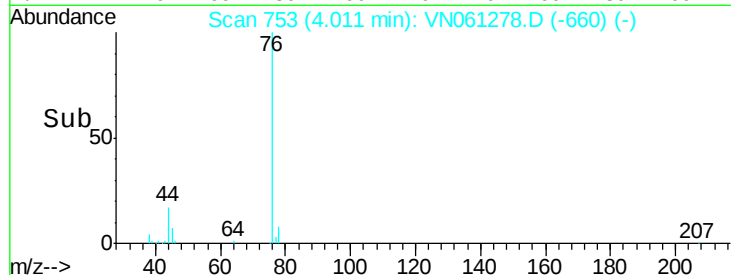
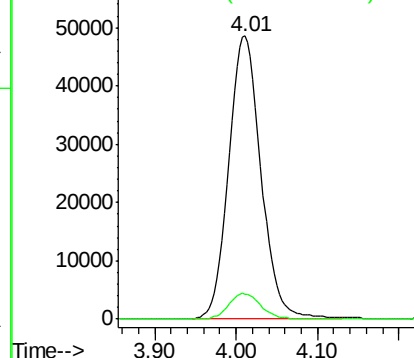
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Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 47.392 ug/l

RT: 4.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: VN061278.D

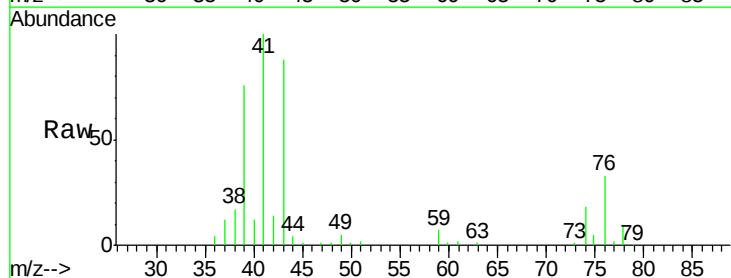
Acq: 4 May 2020 15:17

Tgt Ion: 43 Resp: 97378

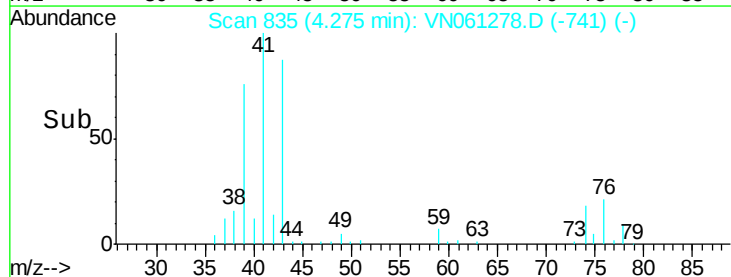
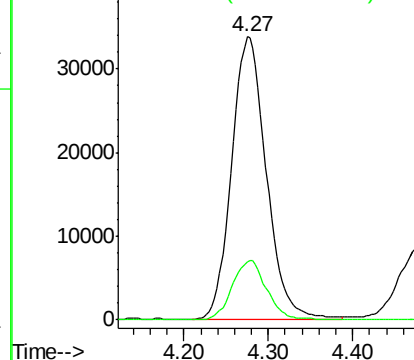
Ion Ratio Lower Upper

43 100

74 20.6 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO





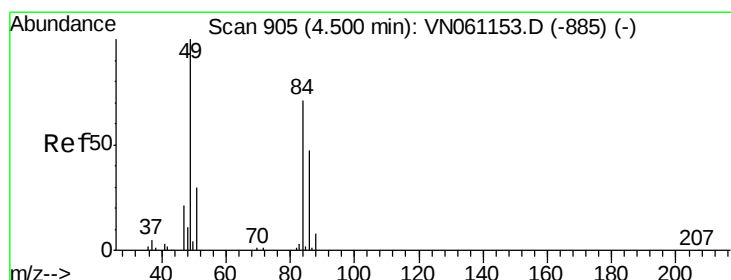
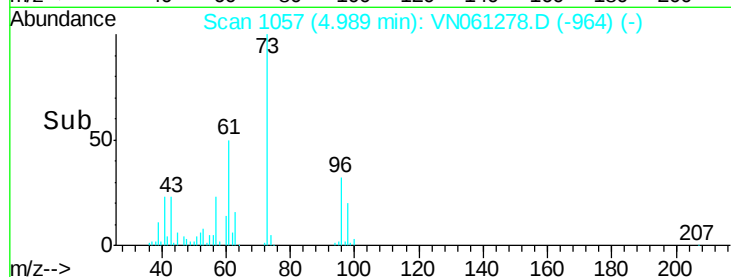
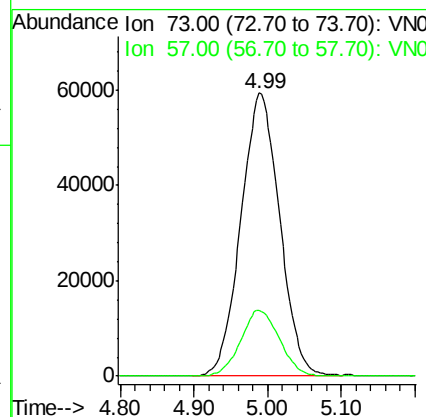
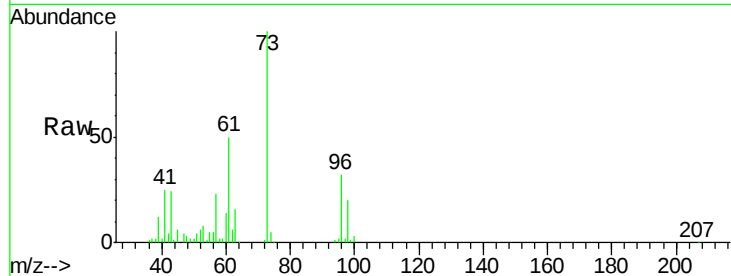
#19
Methvl tert-butvl Ether
Concen: 52.419 ug/l
RT: 4.99 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VN061278.D
Acq: 4 May 2020 15:17

Instrument :
MSVOA_N
ClientSampleId :
SS040MW015-200428MS

Tot Ion: 73 Resp: 217565
Ion Ratio Lower Upper
73 100
57 23.4 18.3 27.5

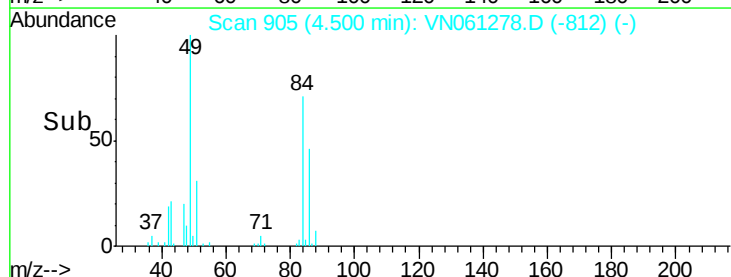
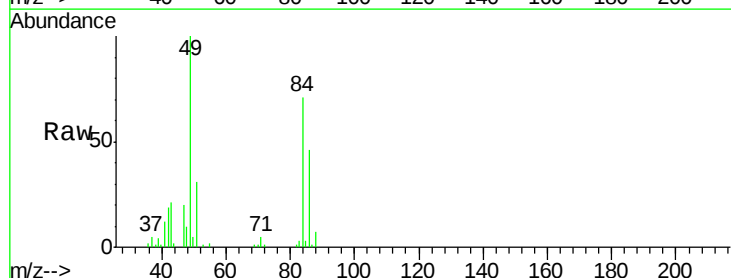
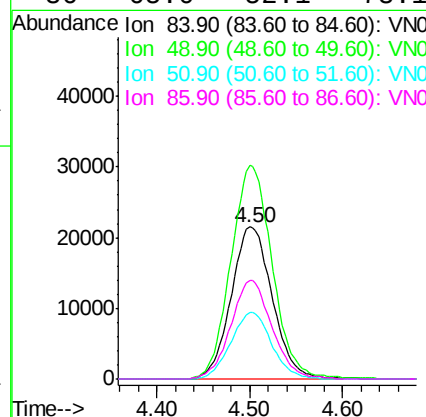
Manual Integrations
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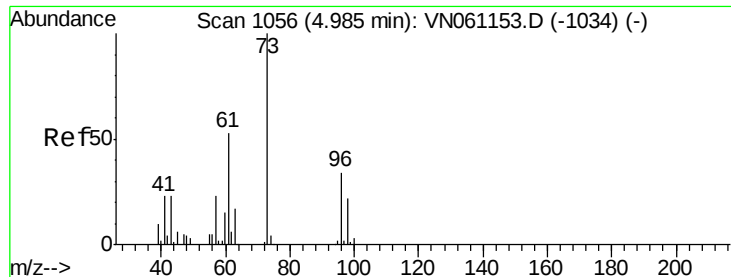
MMDadoda
5/5/2020 11:36:14 AM



#20
Methylene Chloride
Concen: 52.133 ug/l
RT: 4.50 min Scan# 905
Delta R.T. 0.00 min
Lab File: VN061278.D
Acq: 4 May 2020 15:17

Tgt Ion: 84 Resp: 66220
Ion Ratio Lower Upper
84 100
49 139.4 112.0 168.0
51 43.3 33.6 50.4
86 65.0 52.1 78.1





#21

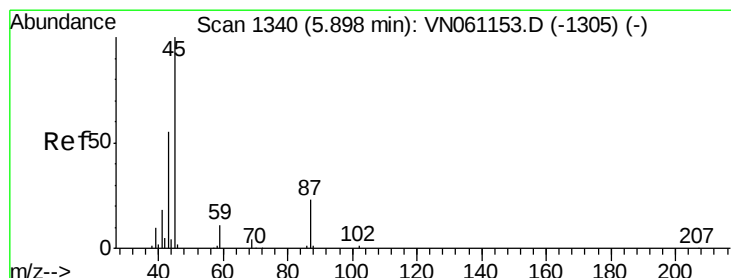
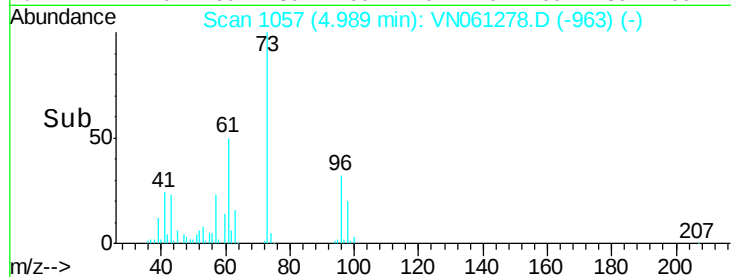
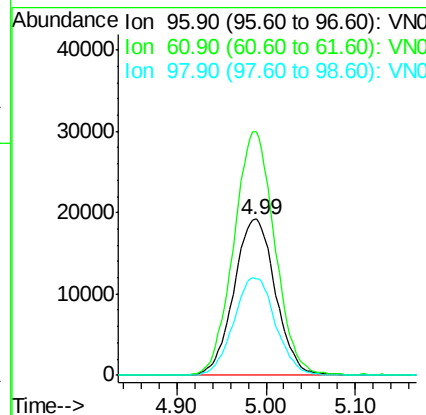
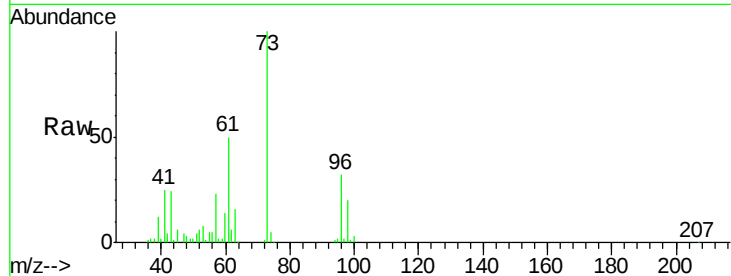
trans-1,2-Dichloroethene
Concen: 52.388 ug/l
RT: 4.99 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VN061278.D
Acq: 4 May 2020 15:17

Instrument :
MSVOA_N
ClientSampleId :
SS040MW015-200428MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	154.9	123.0	184.4
98	62.0	50.1	75.1

Manual Integrations
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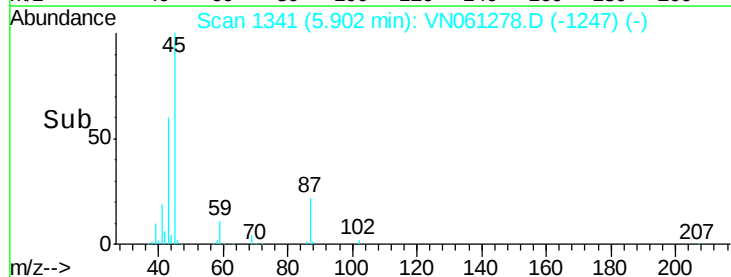
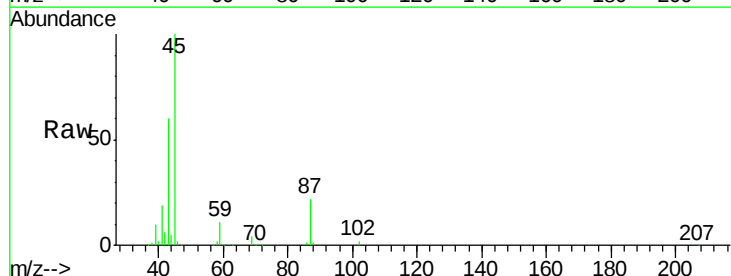
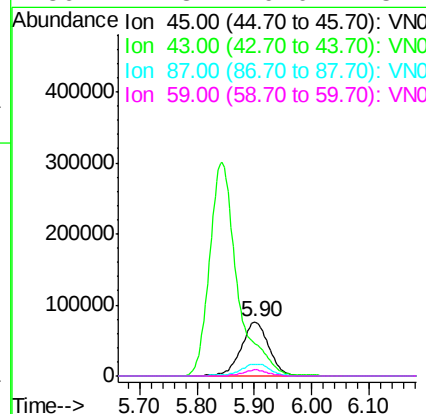
MMDadoda
5/5/2020 11:36:14 AM

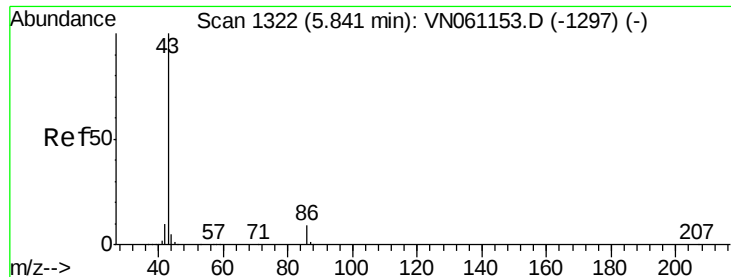


#22

Diisopropyl ether
Concen: 54.744 ug/l
RT: 5.90 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VN061278.D
Acq: 4 May 2020 15:17

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.4	47.9	71.9
87	22.3	19.2	28.8
59	11.3	9.0	13.4





#23

Vinyl Acetate

Concen: 270.880 ug/l

RT: 5.84 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VN061278.D

Acq: 4 May 2020 15:17

Instrument :

MSVOA_N

ClientSampleId :

SS040MW015-200428MS

Tot Ion: 43 Resp: 1018637

Ion Ratio Lower Upper

43 100

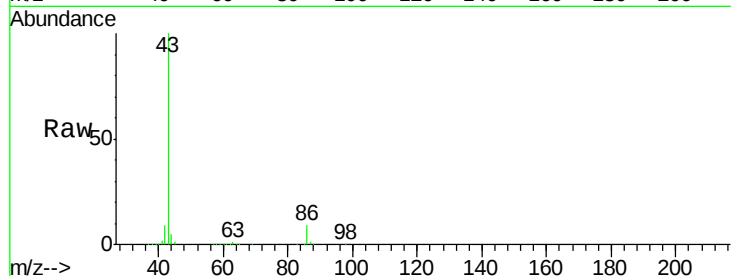
86 8.7 7.2 10.8

Manual Integrations

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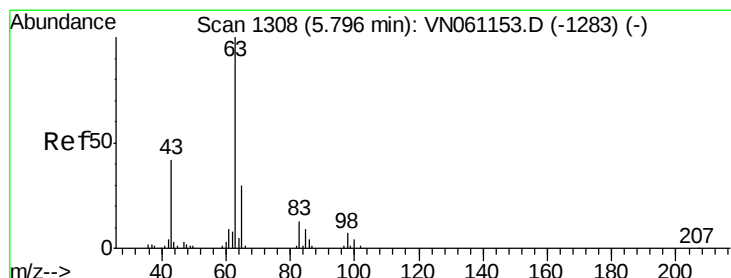
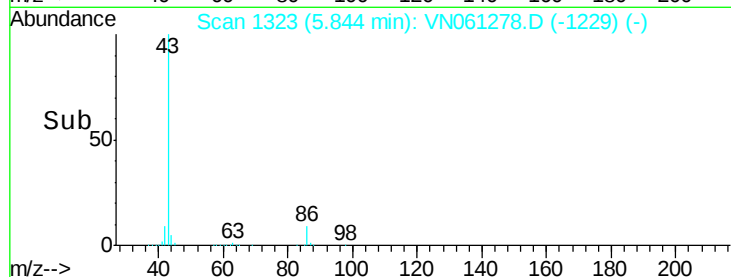
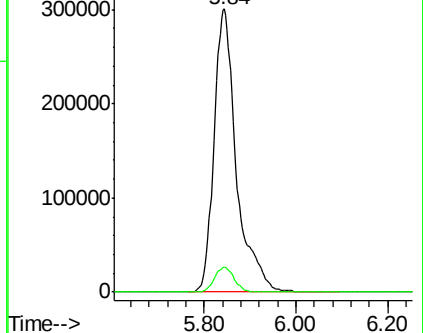
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 52.724 ug/l

RT: 5.80 min Scan# 1308

Delta R.T. 0.00 min

Lab File: VN061278.D

Acq: 4 May 2020 15:17

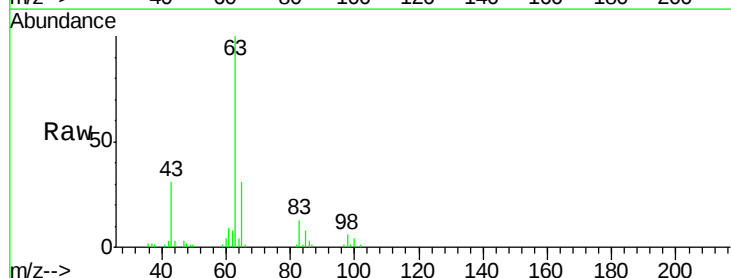
Tgt Ion: 63 Resp: 128655

Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.9

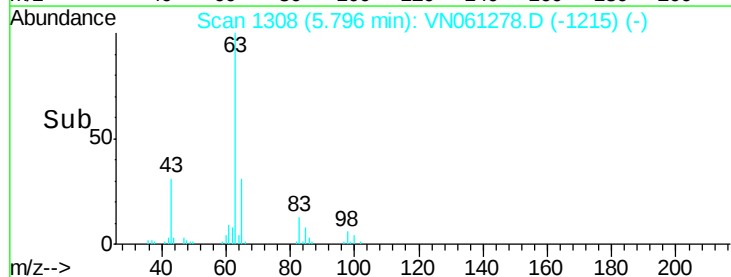
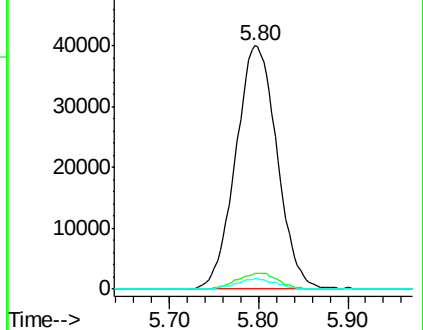
100 4.2 1.9 5.7

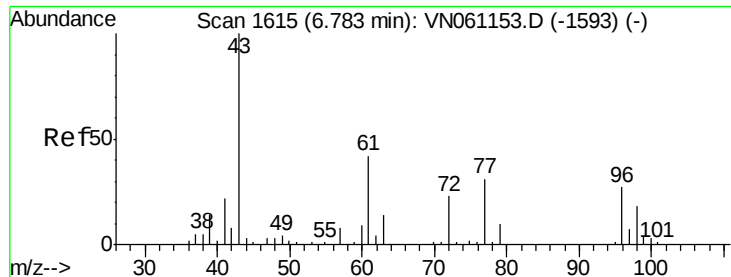


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 277.749 ug/l

RT: 6.79 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VN061278.D

Acq: 4 May 2020 15:17

Instrument :

MSVOA_N

ClientSampleId :

SS040MW015-200428MS

Tot Ion: 43 Resp: 267729

Ion Ratio Lower Upper

43 100

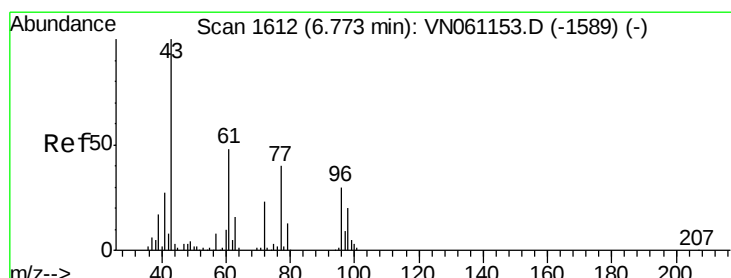
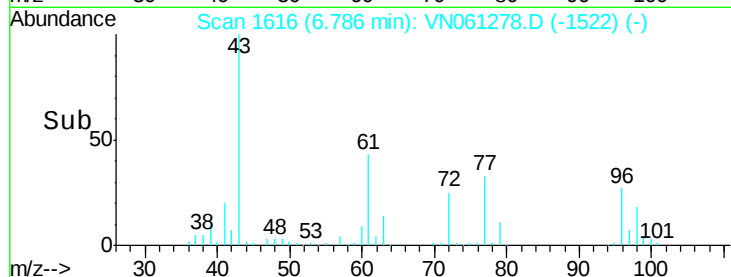
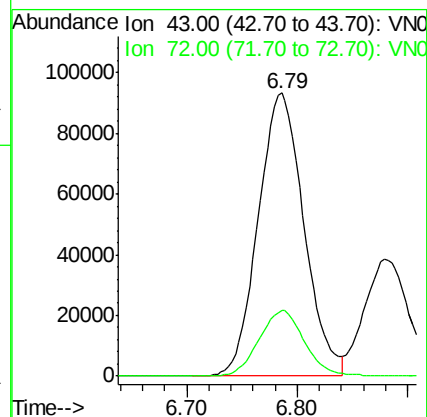
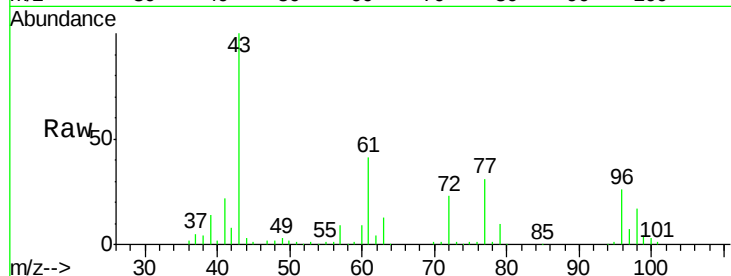
72 23.2 18.2 27.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 52.302 ug/l

RT: 6.78 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VN061278.D

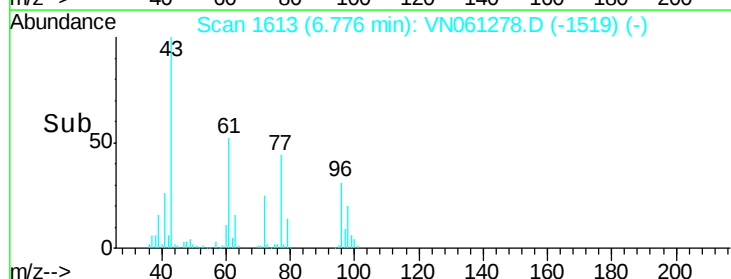
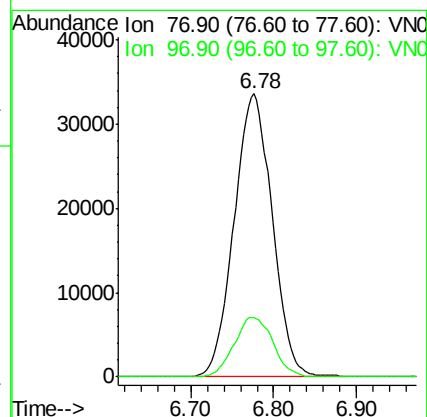
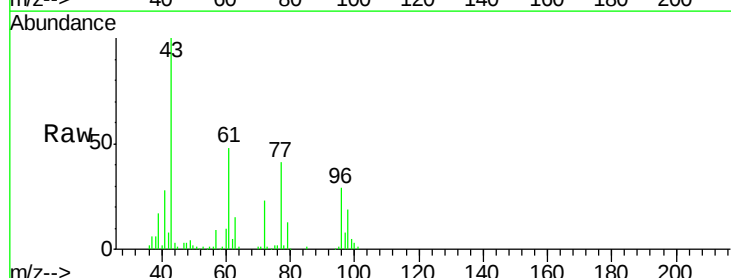
Acq: 4 May 2020 15:17

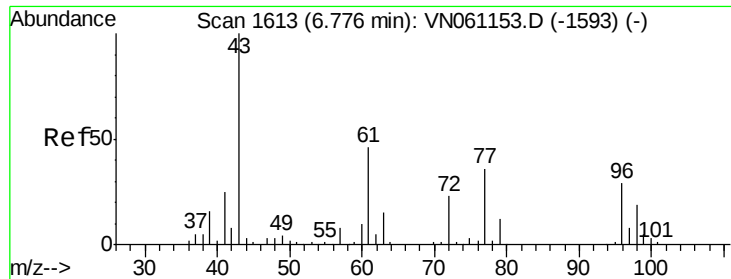
Tgt Ion: 77 Resp: 107498

Ion Ratio Lower Upper

77 100

97 21.2 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 52.177 ug/l

RT: 6.78 min Scan# 1614

Delta R.T. 0.00 min

Lab File: VN061278.D

Acq: 4 May 2020 15:17

Instrument :

MSVOA_N

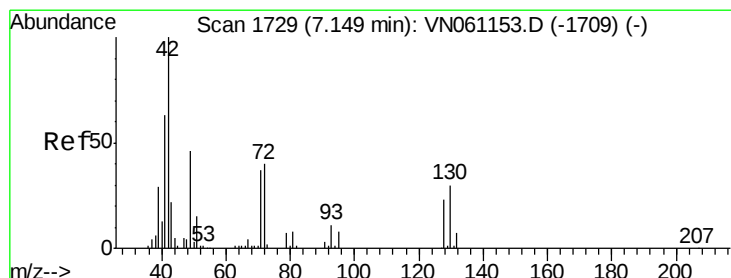
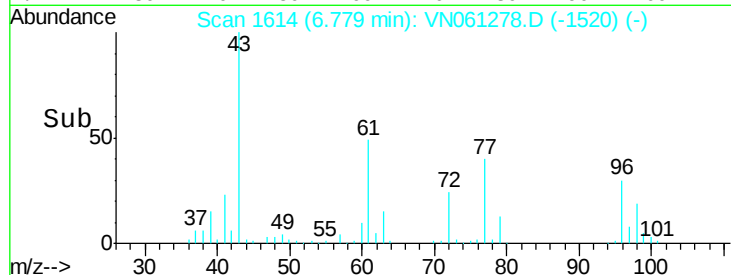
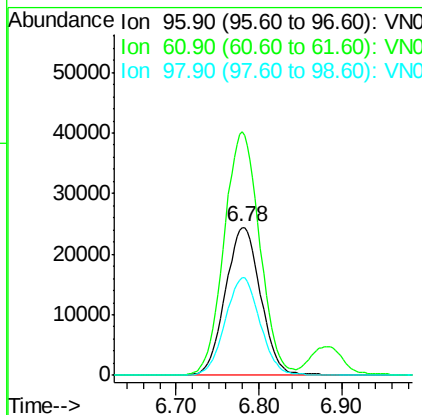
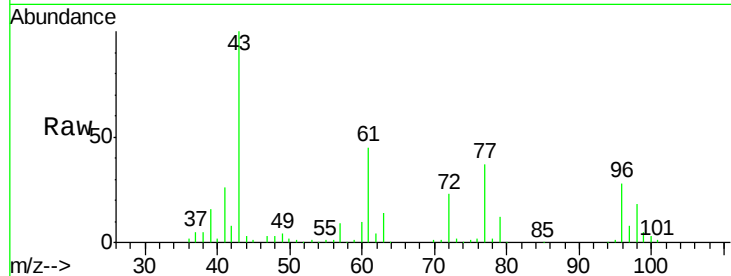
ClientSampleId :

SS040MW015-200428MS

Tot Ion:	96	Resp:	72422
Ion	Ratio	Lower	Upper
96	100		
61	165.2	0.0	322.0
98	64.9	0.0	129.6

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#28

Bromochloromethane

Concen: 52.458 ug/l

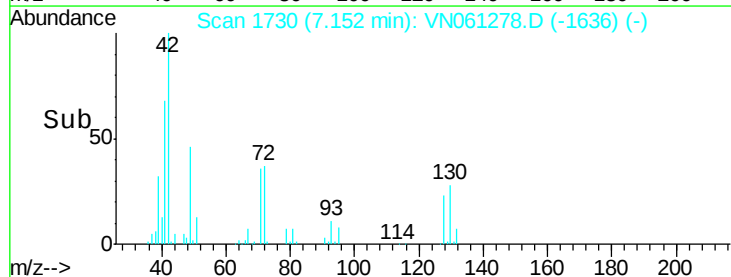
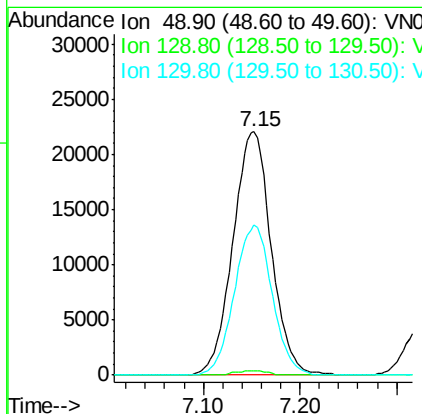
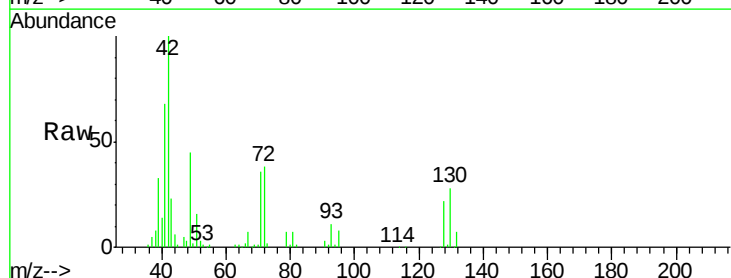
RT: 7.15 min Scan# 1730

Delta R.T. 0.00 min

Lab File: VN061278.D

Acq: 4 May 2020 15:17

Tgt Ion:	49	Resp:	60672
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.0
130	60.8	51.4	77.2





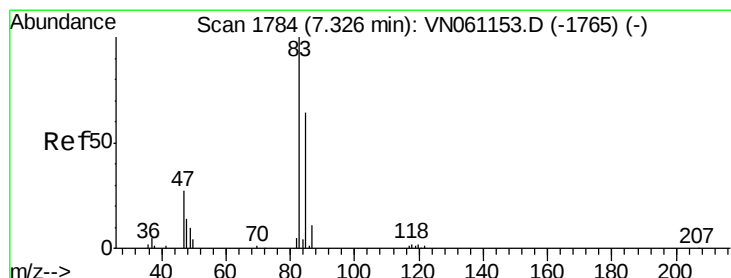
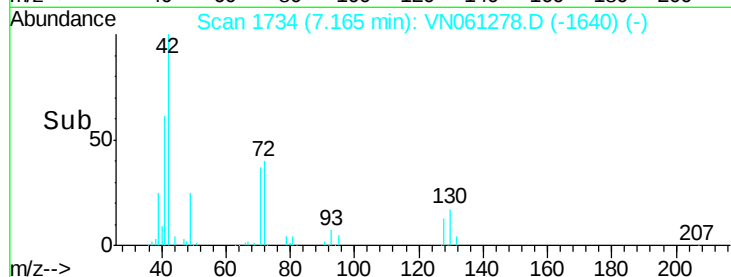
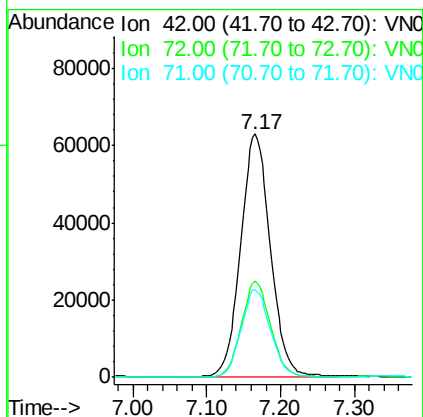
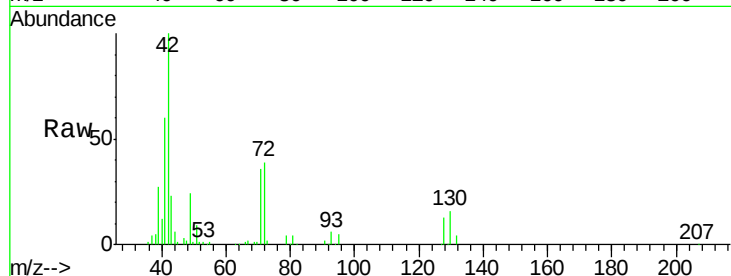
#29
Tetrahydrofuran
Concen: 274.313 ug/l
RT: 7.17 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN061278.D
Acq: 4 May 2020 15:17

Instrument :
MSVOA_N
ClientSampleId :
SS040MW015-200428MS

Tot Ion	Ratio	Resp	Lower	Upper
42	100	178117		
72	38.4		31.4	47.0
71	35.6		29.5	44.3

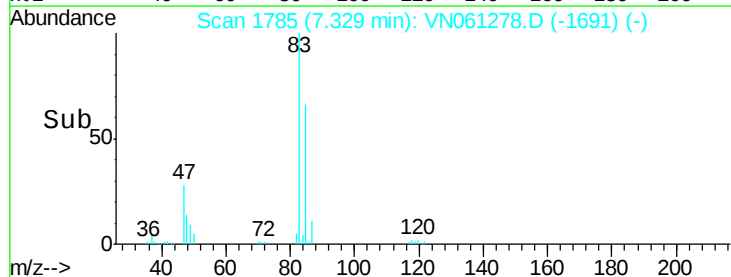
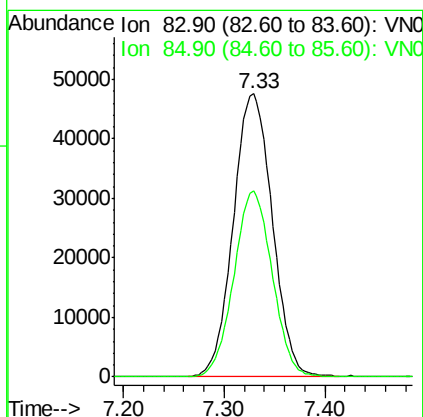
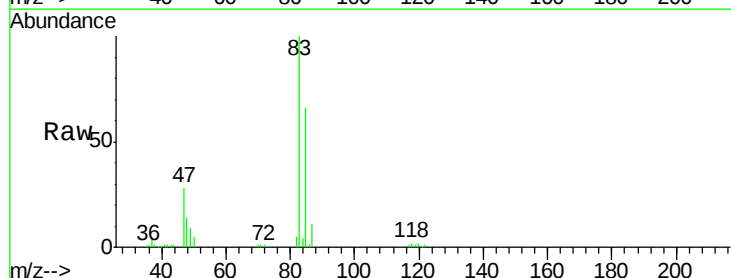
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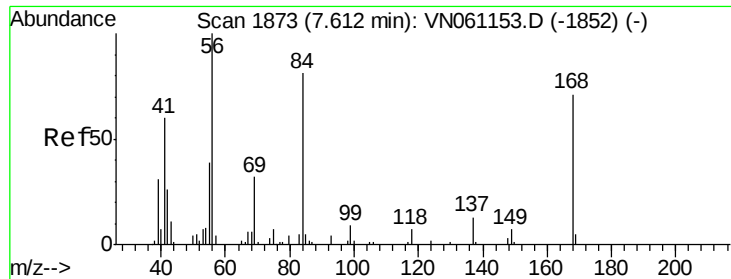
MMDadoda
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#30
Chloroform
Concen: 51.777 ug/l
RT: 7.33 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VN061278.D
Acq: 4 May 2020 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	128036		
85	65.8		51.1	76.7





#31

Cyclohexane

Concen: 48.063 ug/l

RT: 7.62 min Scan# 1874

Delta R.T. 0.00 min

Lab File: VN061278.D

Acq: 4 May 2020 15:17

Instrument :

MSVOA_N

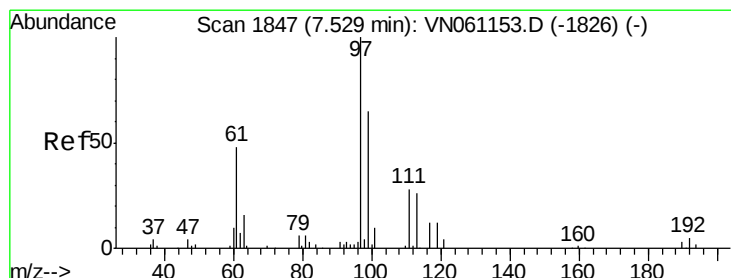
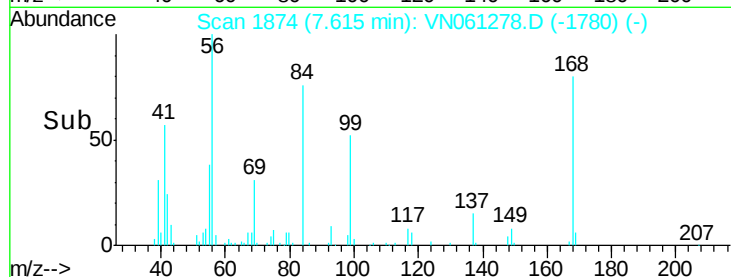
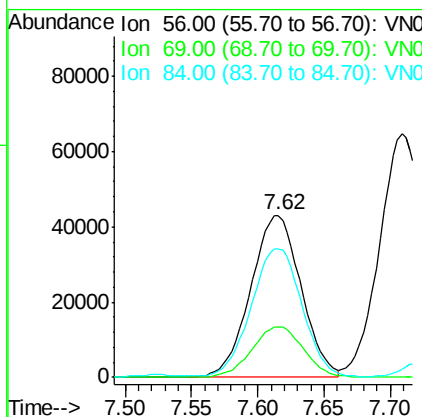
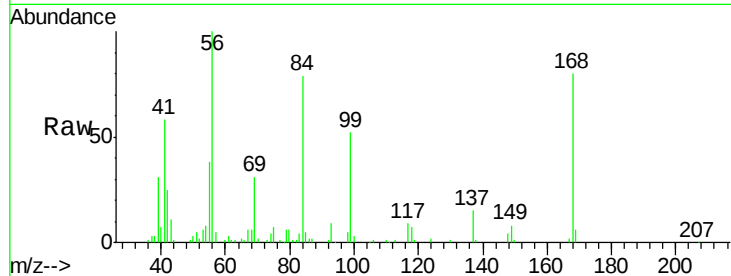
ClientSampleId :

SS040MW015-200428MS

Tot Ion:	56	Resp:	113899
Ion	Ratio	Lower	Upper
56	100		
69	31.5	25.7	38.5
84	78.1	64.6	97.0

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#32

1,1,1-Trichloroethane

Concen: 50.623 ug/l

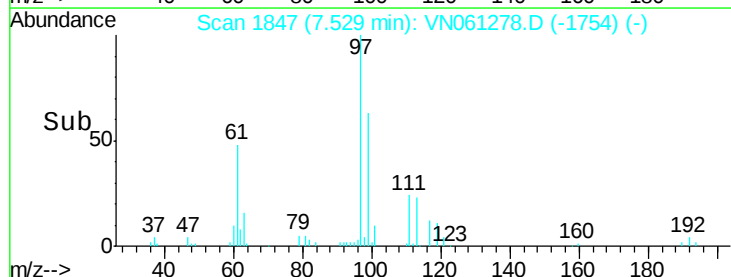
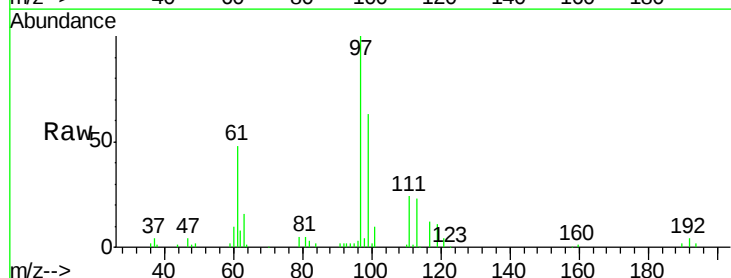
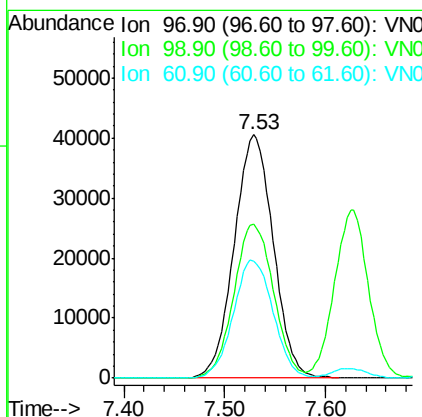
RT: 7.53 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VN061278.D

Acq: 4 May 2020 15:17

Tgt Ion:	97	Resp:	109008
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.3	76.9
61	49.4	38.6	57.8





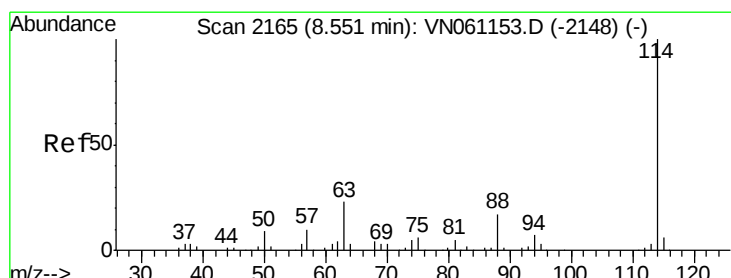
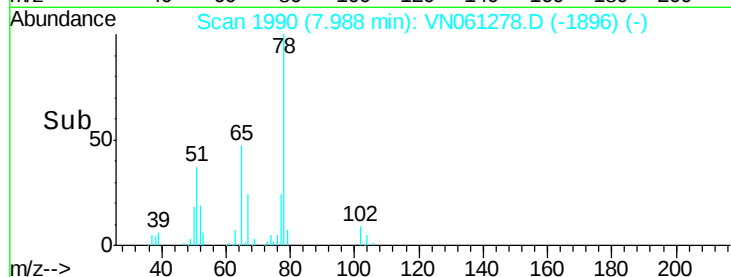
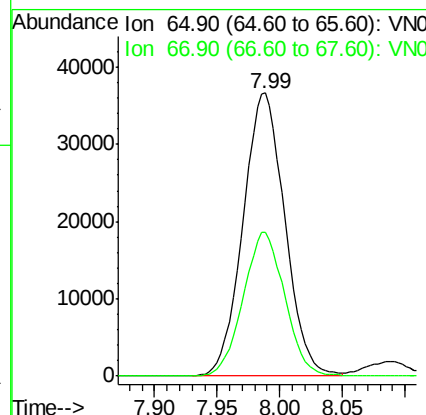
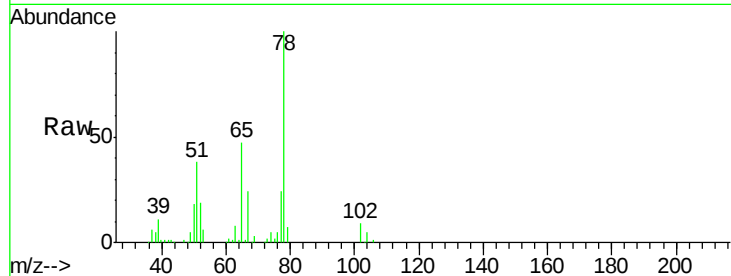
#33
 1,2-Dichloroethane-d4
 Concen: 52.326 ug/l
 RT: 7.99 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN061278.D
 Acq: 4 May 2020 15:17

Instrument :
 MSVOA_N
 ClientSampleId :
 SS040MW015-200428MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	85239		
67	50.2	0.0	101.6	

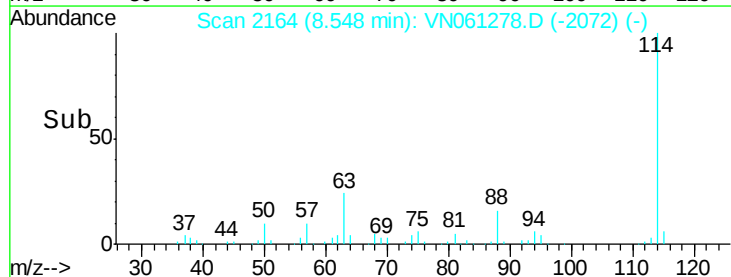
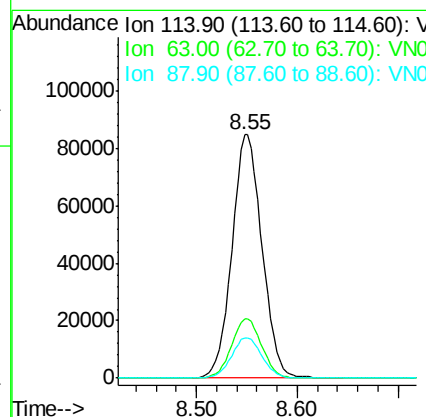
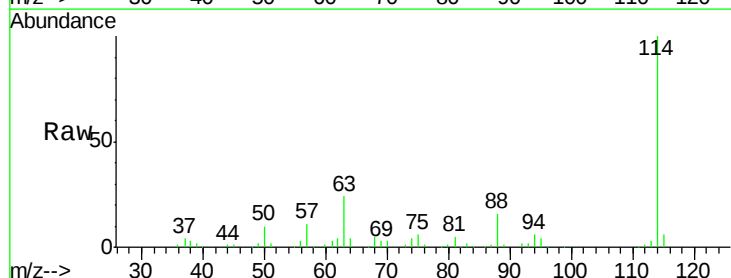
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061278.D
 Acq: 4 May 2020 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	175417		
63	24.4	0.0	46.6	
88	16.5	0.0	33.4	





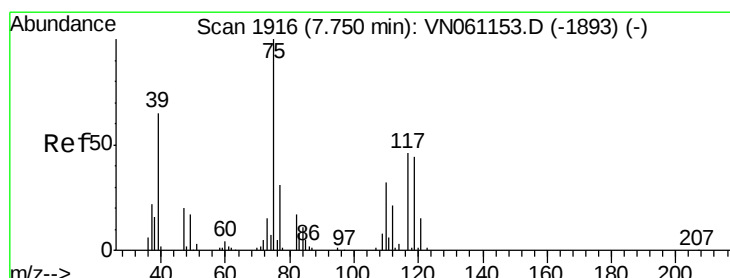
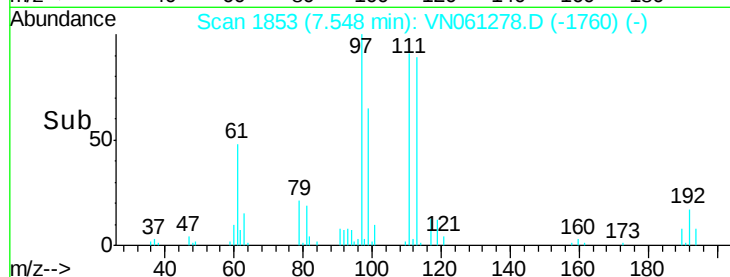
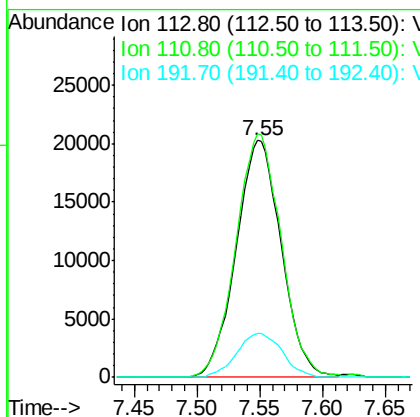
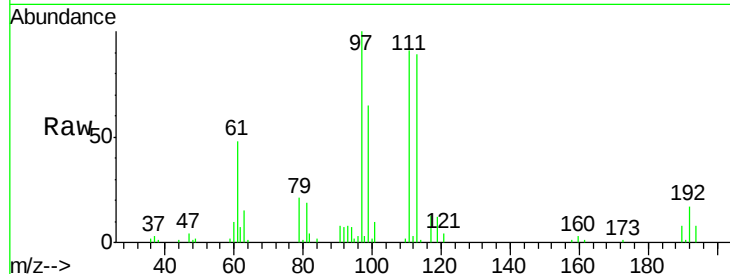
#35
 Dibromofluoromethane
 Concen: 48.773 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061278.D
 Acq: 4 May 2020 15:17

Instrument :
 MSVOA_N
 ClientSampleId :
 SS040MW015-200428MS

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.9	124.3
192	18.9	14.7	22.1

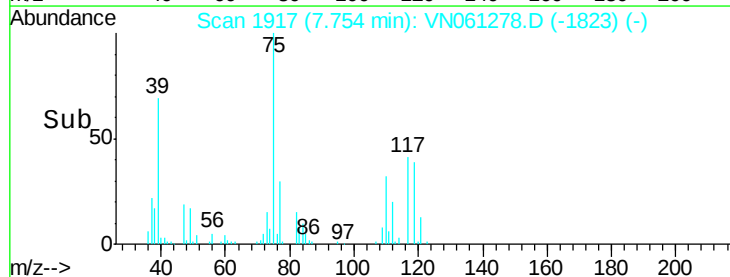
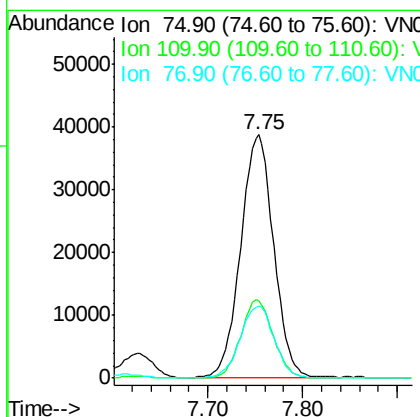
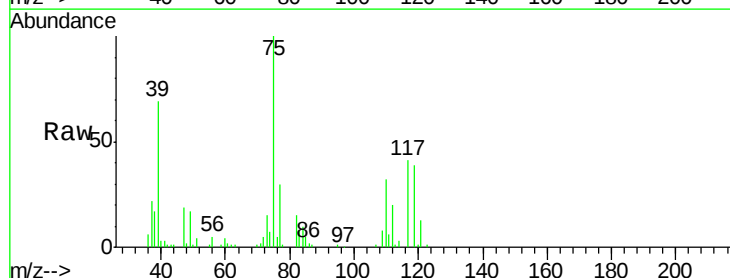
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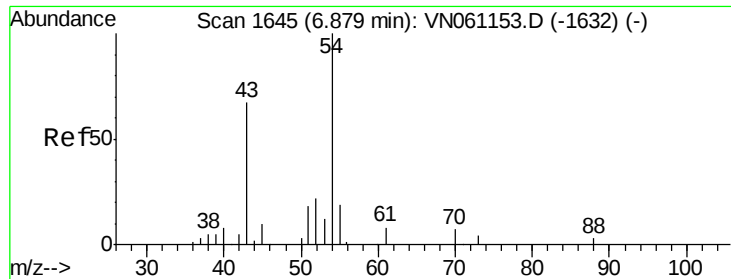
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#36
 1,1-Dichloropropene
 Concen: 53.741 ug/l
 RT: 7.75 min Scan# 1917
 Delta R.T. 0.00 min
 Lab File: VN061278.D
 Acq: 4 May 2020 15:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.2	16.0	48.0
77	30.4	24.6	37.0





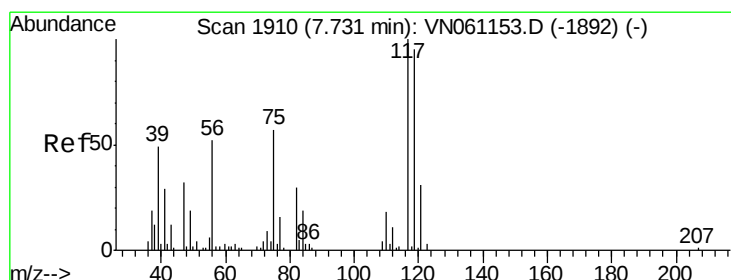
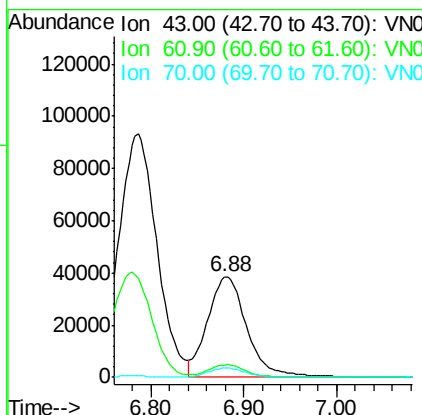
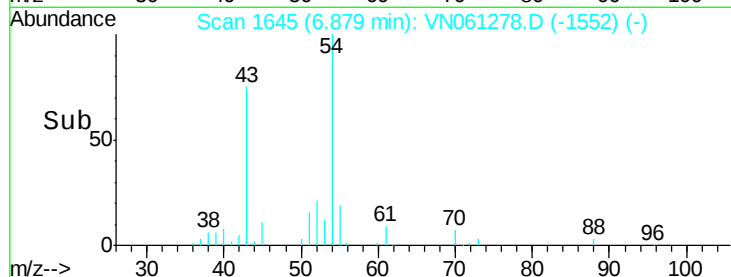
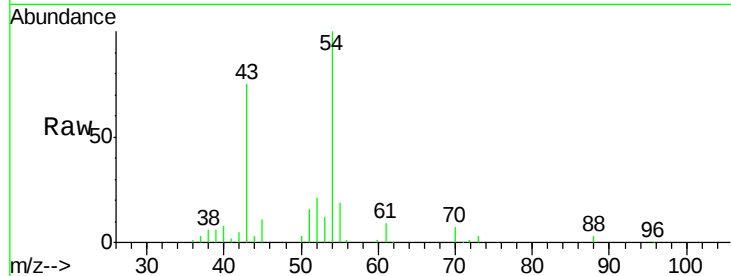
#37
Ethyl Acetate
Concen: 54.073 ug/l
RT: 6.88 min Scan# 1645
Delta R.T. 0.00 min
Lab File: VN061278.D
Acq: 4 May 2020 15:17

Instrument :
MSVOA_N
ClientSampleId :
SS040MW015-200428MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.5	10.2	15.2
70	9.0	7.2	10.8

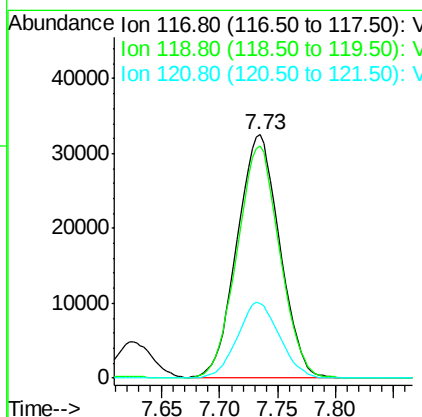
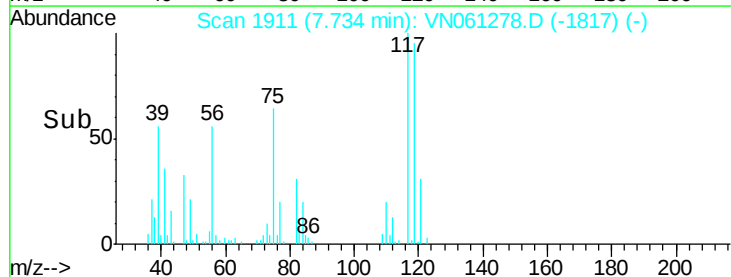
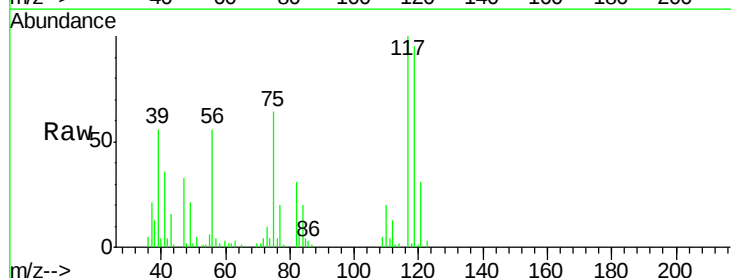
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#38
Carbon Tetrachloride
Concen: 51.932 ug/l
RT: 7.73 min Scan# 1911
Delta R.T. 0.00 min
Lab File: VN061278.D
Acq: 4 May 2020 15:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.8	113.6
121	30.6	24.7	37.1





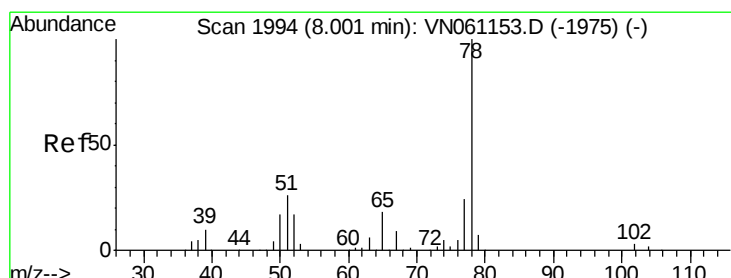
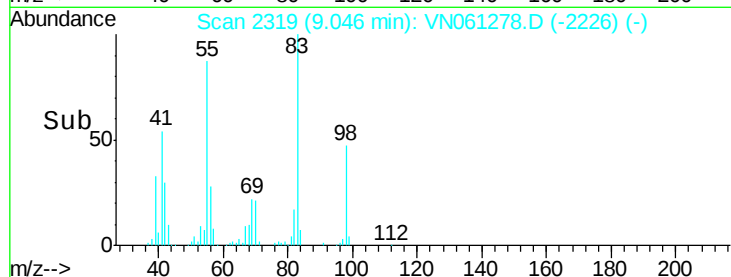
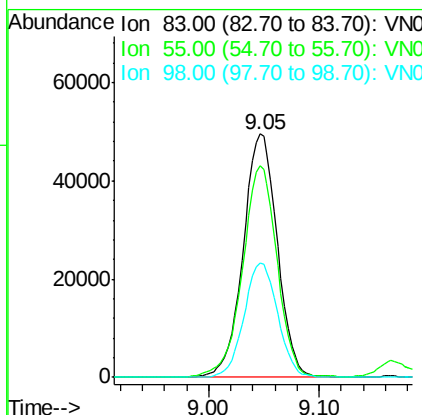
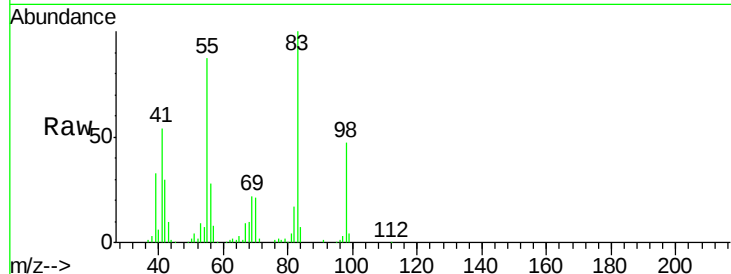
#39
Methvlcvclohexane
Concen: 53.922 ug/l
RT: 9.05 min Scan# 2319
Delta R.T. 0.00 min
Lab File: VN061278.D
Acq: 4 May 2020 15:17

Instrument :
MSVOA_N
ClientSampleId :
SS040MW015-200428MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	86.9	67.3	100.9	
98	47.2	37.7	56.5	

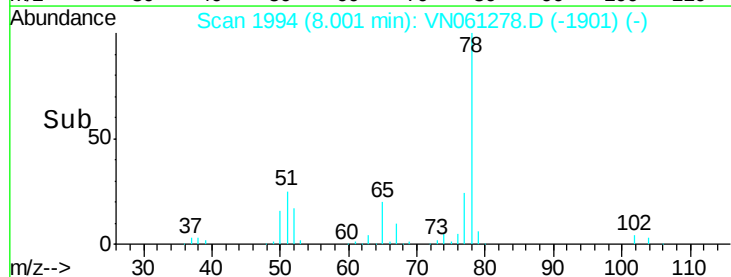
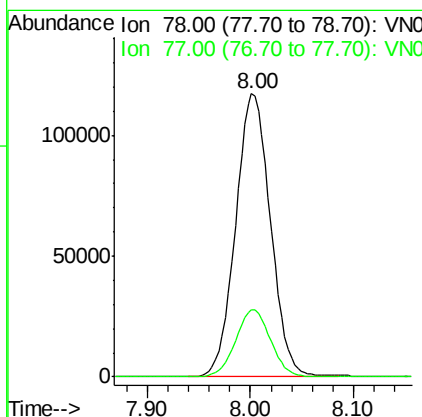
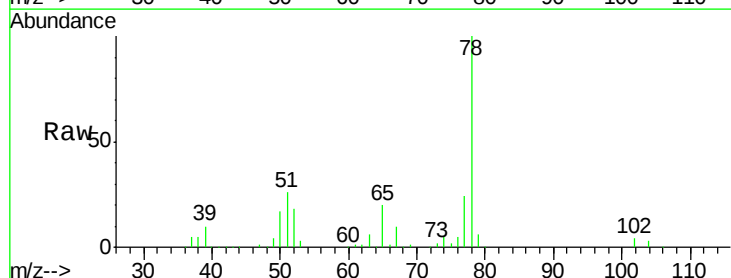
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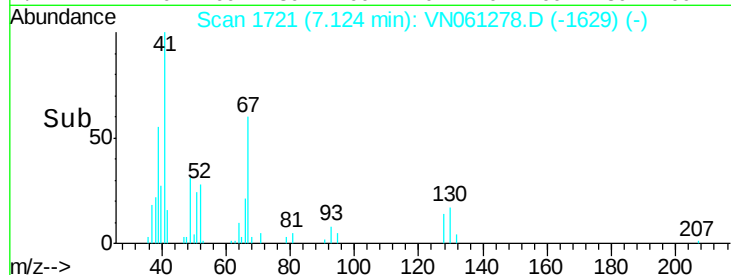
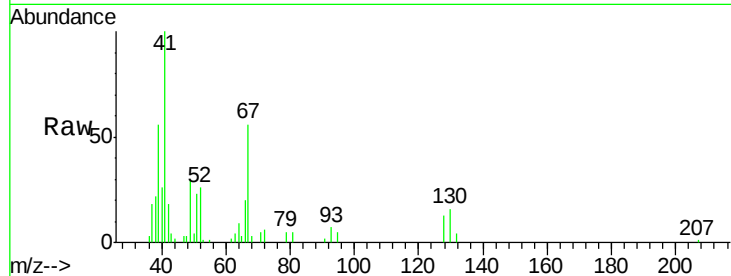
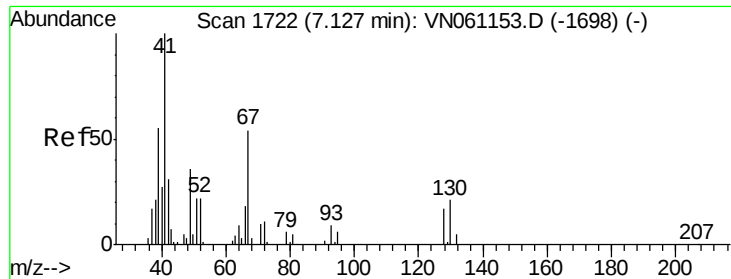
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#40
Benzene
Concen: 52.701 ug/l
RT: 8.00 min Scan# 1994
Delta R.T. 0.00 min
Lab File: VN061278.D
Acq: 4 May 2020 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.8	19.0	28.6	





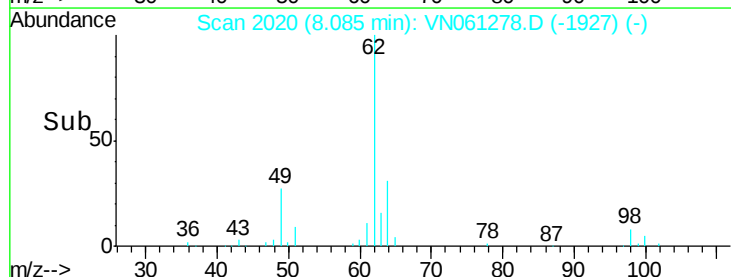
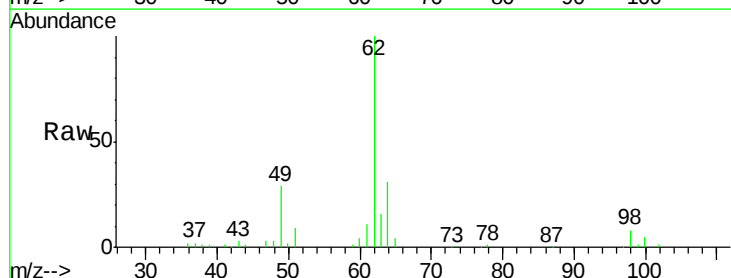
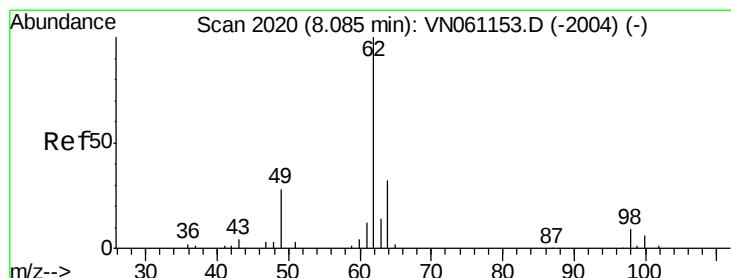
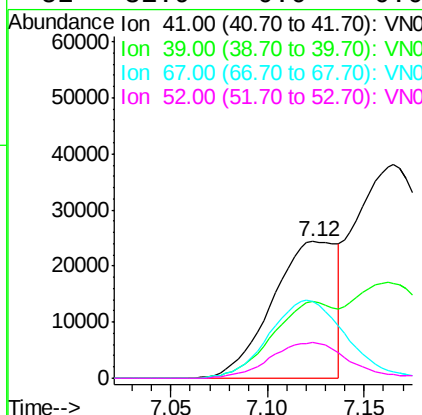
#41
Methacrylonitrile
Concen: 66.322 ug/l
RT: 7.12 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VN061278.D
Acq: 4 May 2020 15:17

Tot Ion	41	Resp	56688
Ion	Ratio	Lower	Upper
41	100		
39	54.6	0.0	0.0#
67	68.5	0.0	0.0#
52	31.9	0.0	0.0#

Instrument :
MSVOA_N
ClientSampleId :
SS040MW015-200428MS

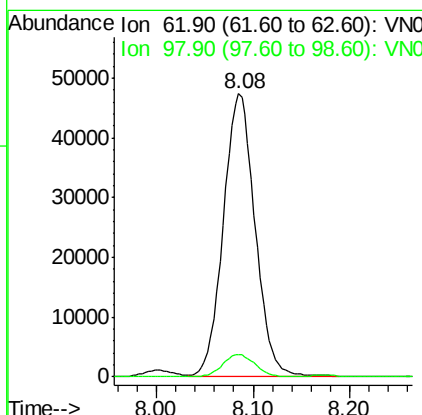
Manual Integrations
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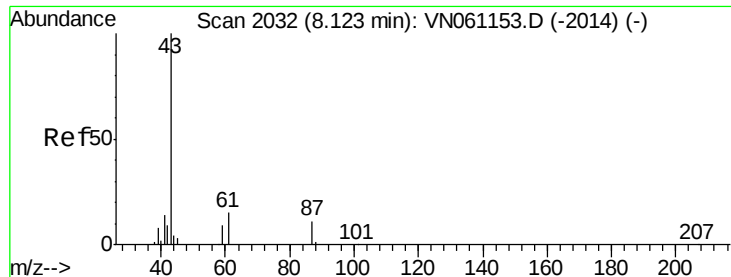
MMDadoda
5/5/2020 11:36:14 AM



#42
1,2-Dichloroethane
Concen: 54.637 ug/l
RT: 8.08 min Scan# 2020
Delta R.T. 0.00 min
Lab File: VN061278.D
Acq: 4 May 2020 15:17

Tgt Ion	62	Resp	108285
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.8





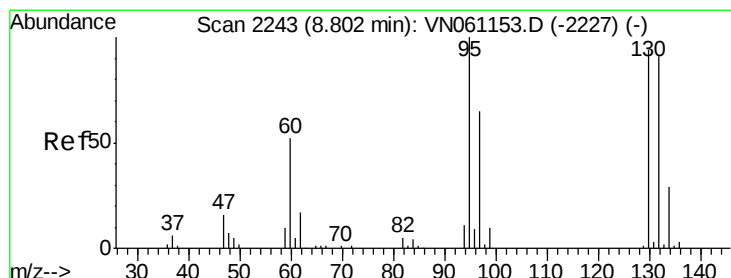
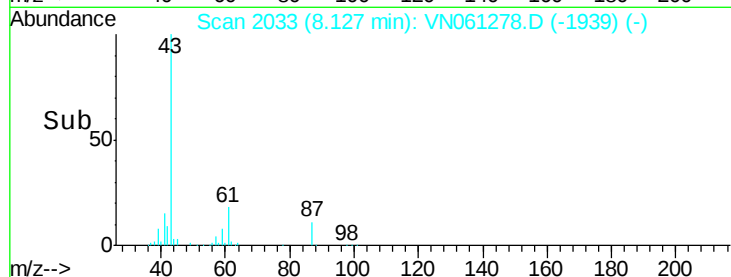
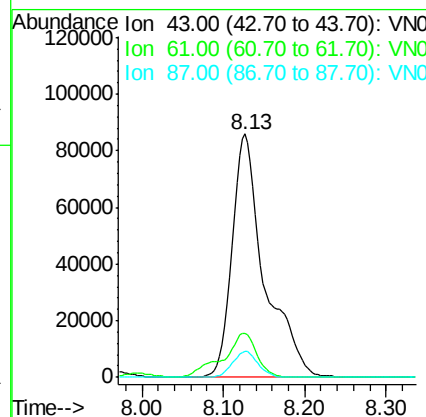
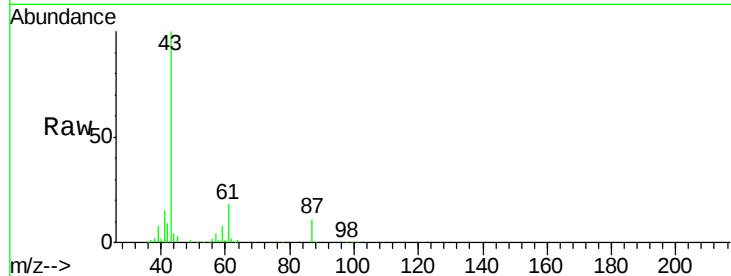
#43
Isopropyl Acetate
Concen: 69.986 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN061278.D
Acq: 4 May 2020 15:17

Instrument :
MSVOA_N
ClientSampleId :
SS040MW015-200428MS

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
61	18.9	19.5	29.3#	
87	8.4	8.9	13.3#	

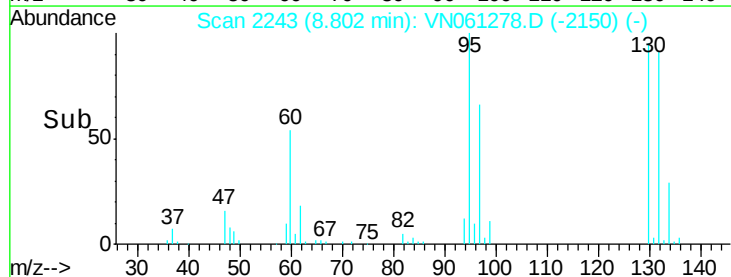
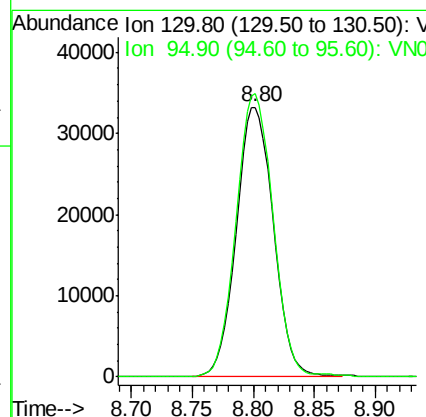
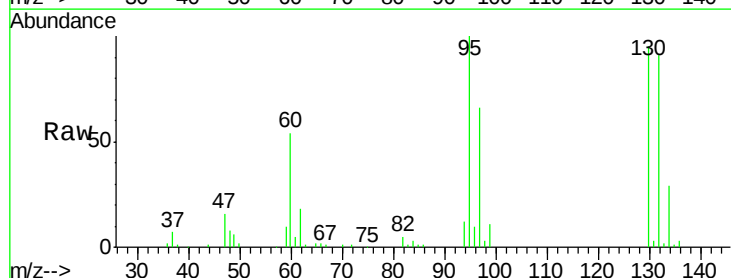
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#44
Trichloroethene
Concen: 49.583 ug/l
RT: 8.80 min Scan# 2243
Delta R.T. 0.00 min
Lab File: VN061278.D
Acq: 4 May 2020 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
130	100			
95	105.1	0.0	212.4	





#45

1,2-Dichloropropane

Concen: 54.327 ug/l

RT: 9.08 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VN061278.D

Acq: 4 May 2020 15:17

Instrument :

MSVOA_N

ClientSampleId :

SS040MW015-200428MS

Tot Ion: 63 Resp: 75931

Ion Ratio Lower Upper

63 100

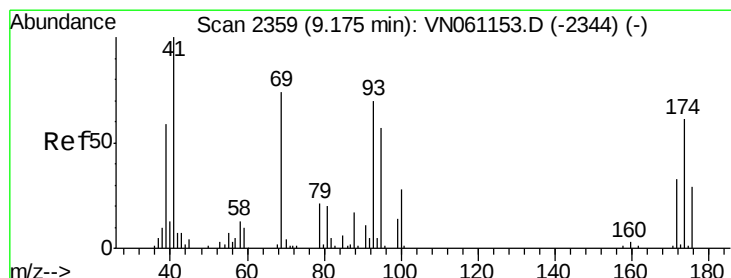
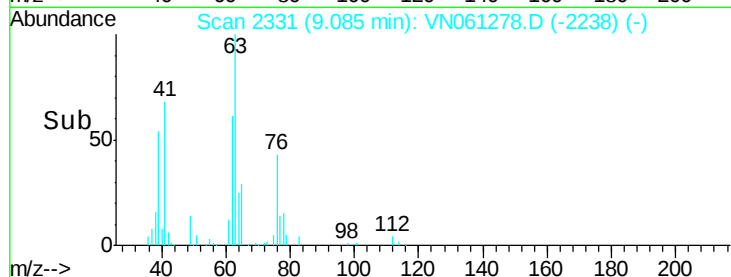
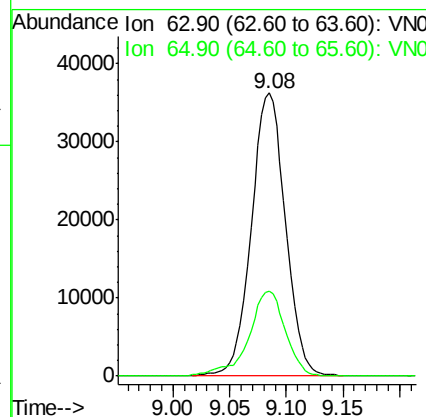
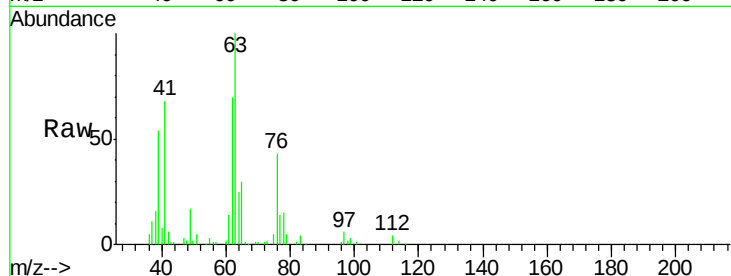
65 30.2 24.7 37.1

Manual Integrations

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#46

Dibromomethane

Concen: 53.934 ug/l

RT: 9.17 min Scan# 2359

Delta R.T. 0.00 min

Lab File: VN061278.D

Acq: 4 May 2020 15:17

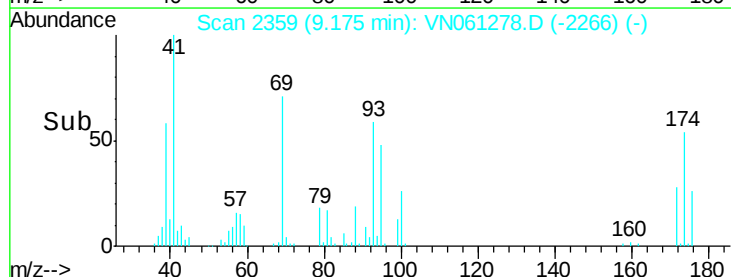
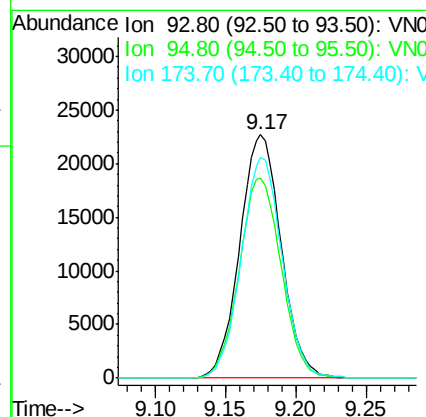
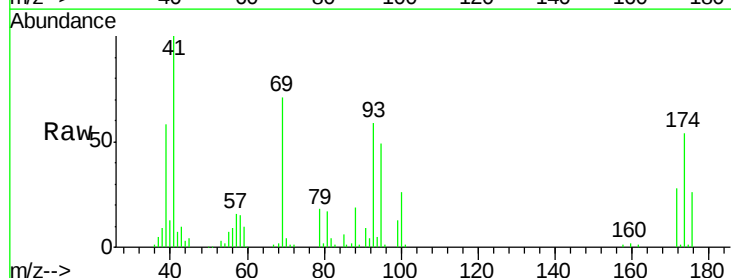
Tgt Ion: 93 Resp: 46674

Ion Ratio Lower Upper

93 100

95 83.3 66.6 99.8

174 89.4 70.2 105.2





#47

Bromodichloromethane

Concen: 54.754 ug/l

RT: 9.37 min Scan# 2420

Delta R.T. 0.00 min

Lab File: VN061278.D

Acq: 4 May 2020 15:17

Instrument :

MSVOA_N

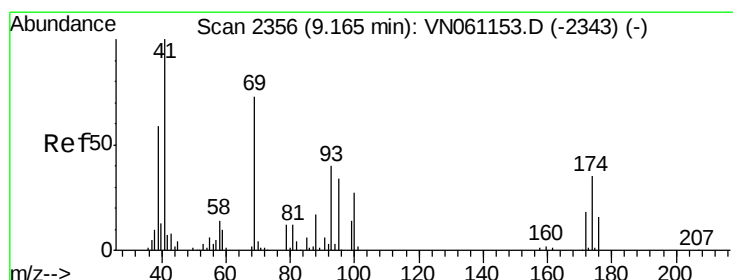
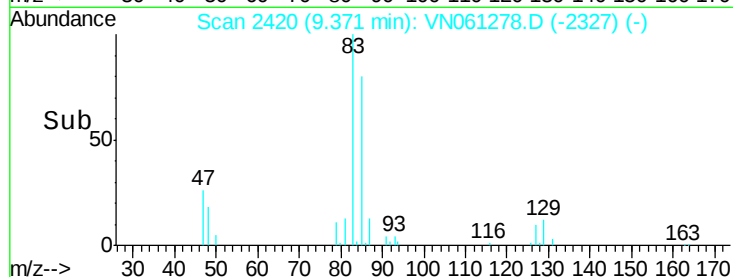
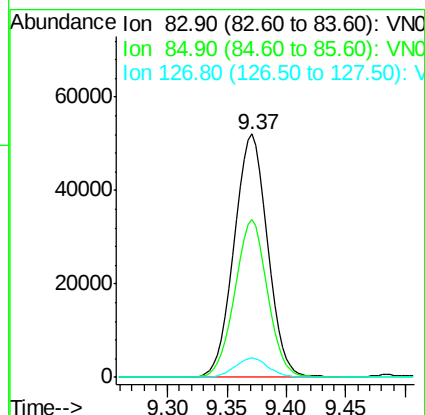
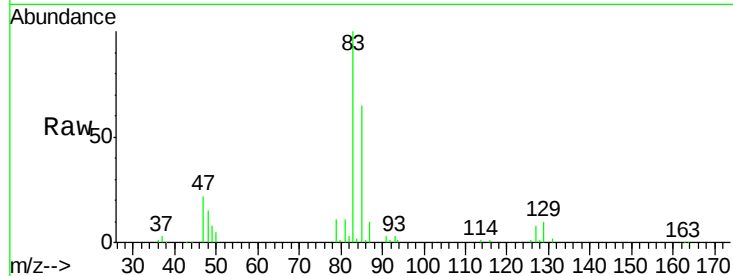
ClientSampleId :

SS040MW015-200428MS

Tot Ion:	83	Resp:	101704
Ion Ratio	Lower	Upper	
83	100		
85	65.0	50.4	75.6
127	7.9	6.2	9.2

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#48

Methyl methacrylate

Concen: 58.717 ug/l

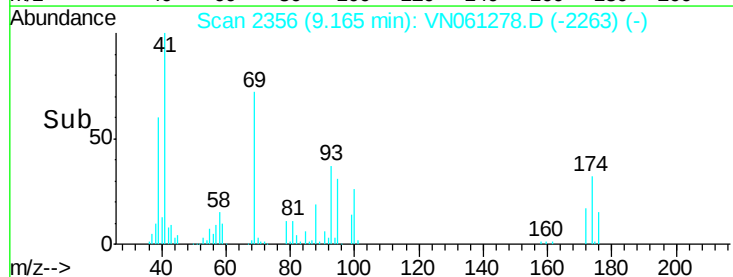
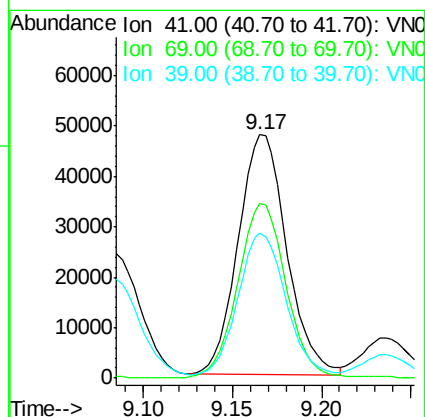
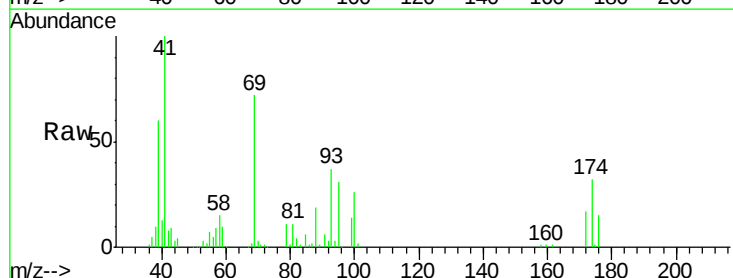
RT: 9.17 min Scan# 2356

Delta R.T. 0.00 min

Lab File: VN061278.D

Acq: 4 May 2020 15:17

Tgt Ion:	41	Resp:	90525
Ion Ratio	Lower	Upper	
41	100		
69	72.4	60.3	90.5
39	60.0	47.4	71.0





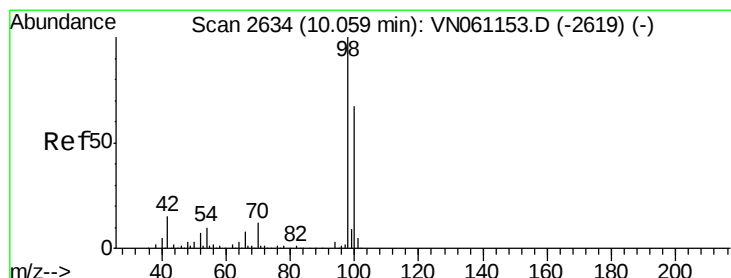
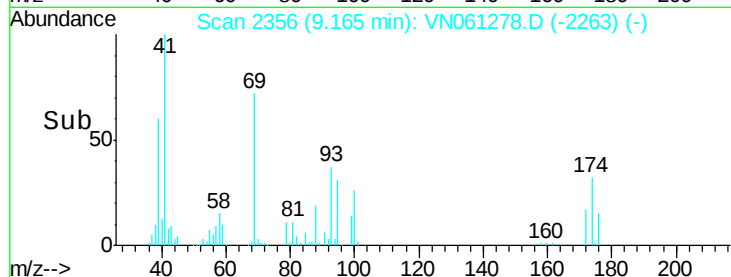
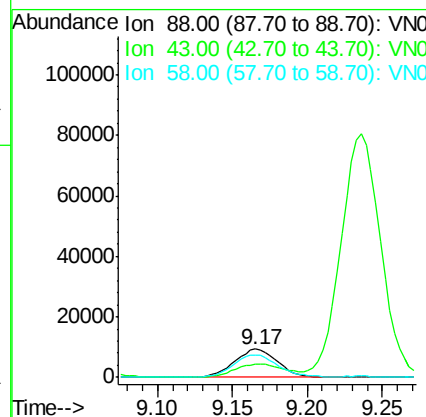
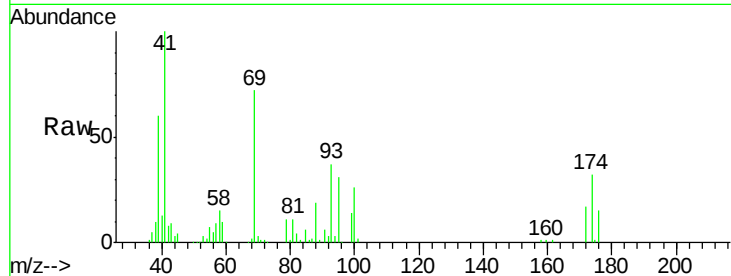
#49
1,4-Dioxane
Concen: 1072.895 ug/l
RT: 9.17 min Scan# 2356
Delta R.T. 0.00 min
Lab File: VN061278.D
Acq: 4 May 2020 15:17

Instrument :
MSVOA_N
ClientSampleId :
SS040MW015-200428MS

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	50.2	35.3	52.9	
58	83.5	61.5	92.3	

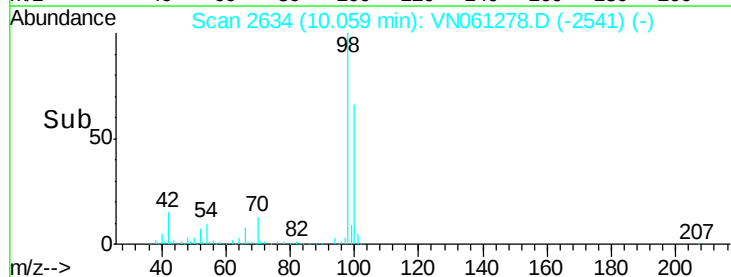
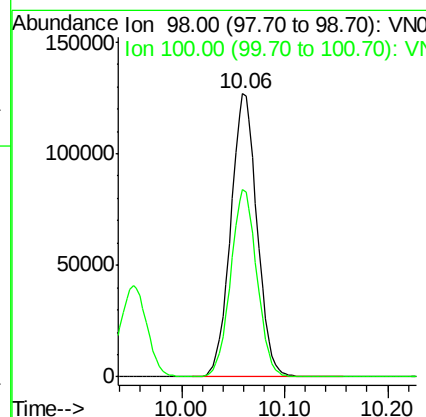
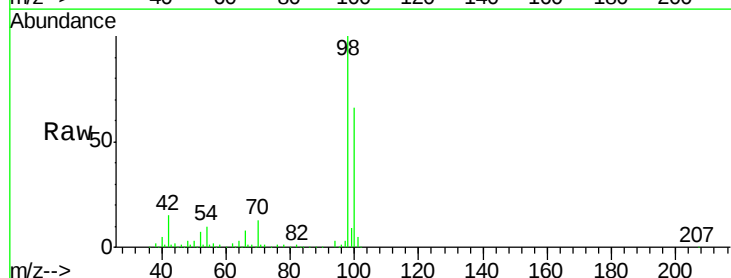
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#50
Toluene-d8
Concen: 53.426 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061278.D
Acq: 4 May 2020 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	65.6	53.4	80.0	





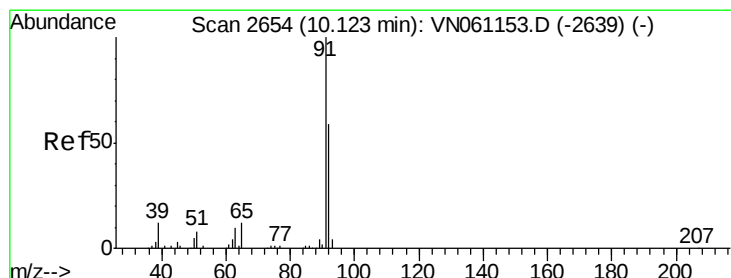
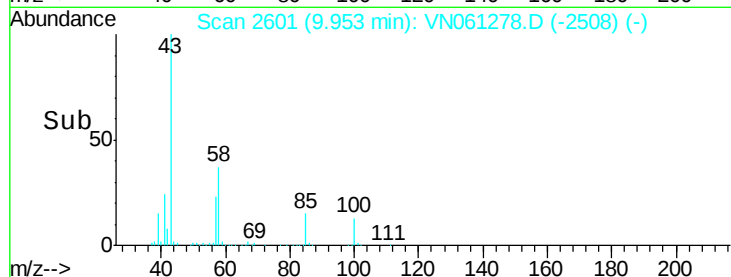
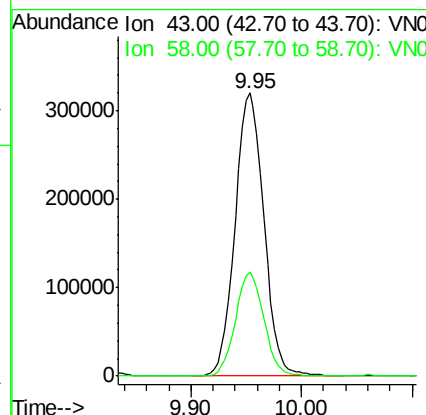
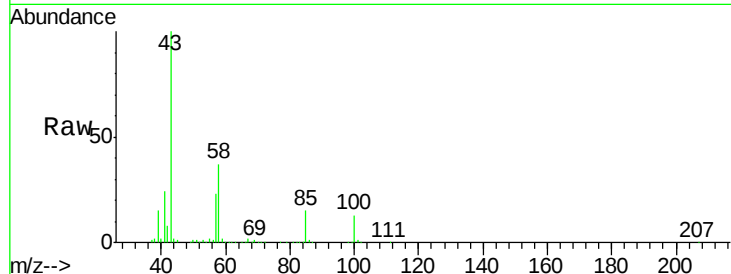
#51
4-Methyl-2-Pentanone
Concen: 287.629 ug/l
RT: 9.95 min Scan# 2601
Delta R.T. 0.00 min
Lab File: VN061278.D
Acq: 4 May 2020 15:17

Instrument :
MSVOA_N
ClientSampleId :
SS040MW015-200428MS

Tot Ion	Ratio	Lower	Upper
43	100		
58	36.3	29.1	43.7

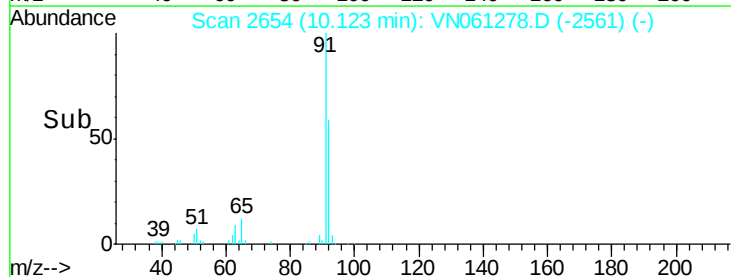
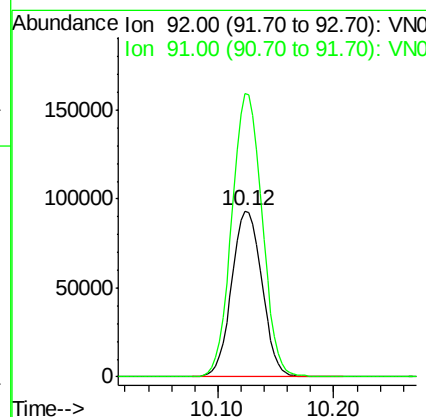
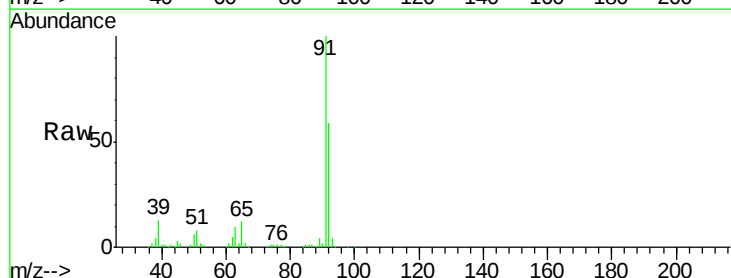
Manual Integrations
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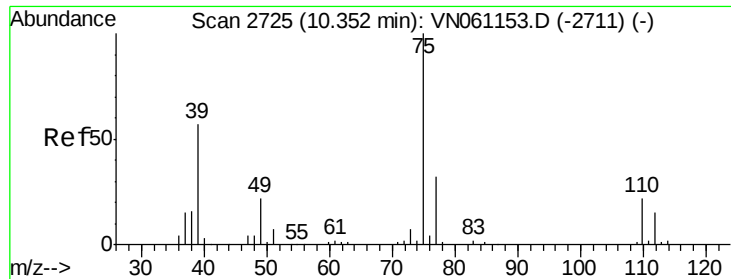
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#52
Toluene
Concen: 53.691 ug/l
RT: 10.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VN061278.D
Acq: 4 May 2020 15:17

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.6	136.2	204.2





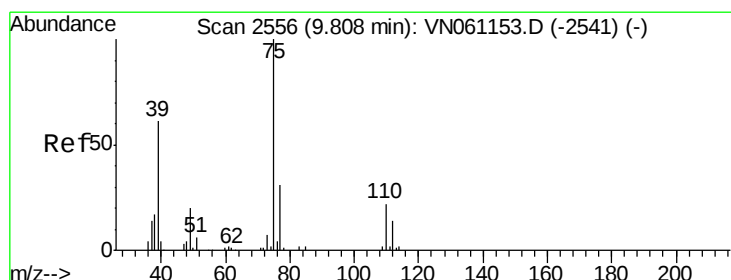
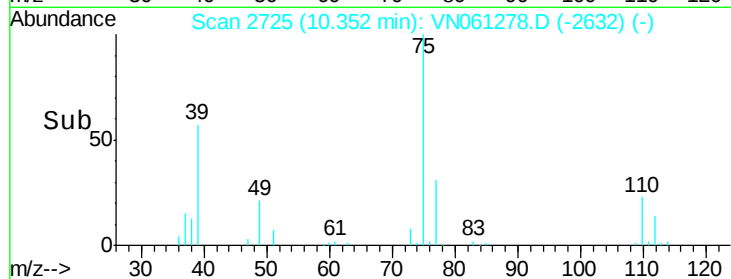
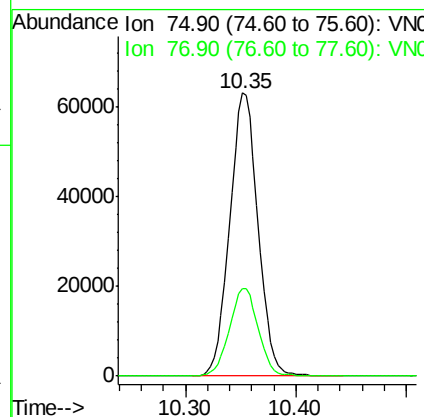
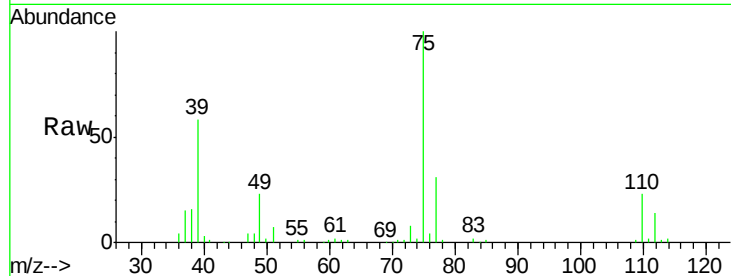
#53
t-1,3-Dichloropropene
Concen: 53.682 ug/l
RT: 10.35 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VN061278.D
Acq: 4 May 2020 15:17

Instrument :
MSVOA_N
ClientSampleId :
SS040MW015-200428MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.5	38.3

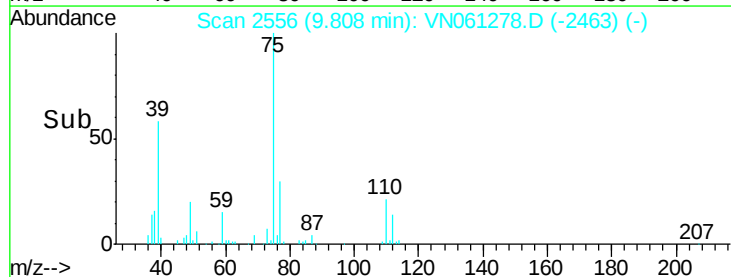
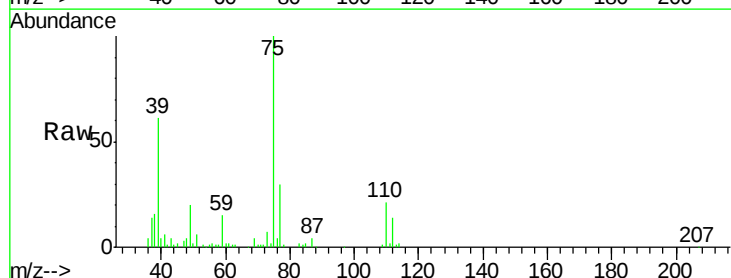
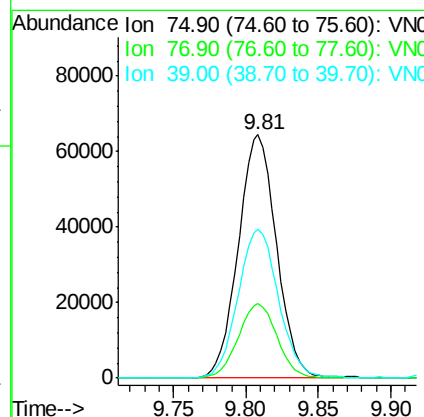
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5/5/2020 11:36:14 AM



#54
cis-1,3-Dichloropropene
Concen: 53.383 ug/l
RT: 9.81 min Scan# 2556
Delta R.T. 0.00 min
Lab File: VN061278.D
Acq: 4 May 2020 15:17

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.4	25.0	37.4
39	61.3	48.7	73.1





#55

1,1,2-Trichloroethane

Concen: 53.938 ug/l

RT: 10.53 min Scan# 2782

Delta R.T. 0.00 min

Lab File: VN061278.D

Acq: 4 May 2020 15:17

Instrument :

MSVOA_N

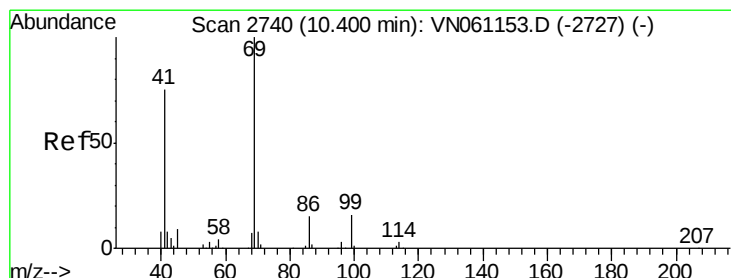
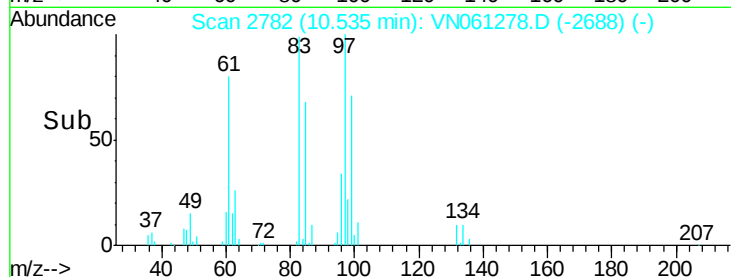
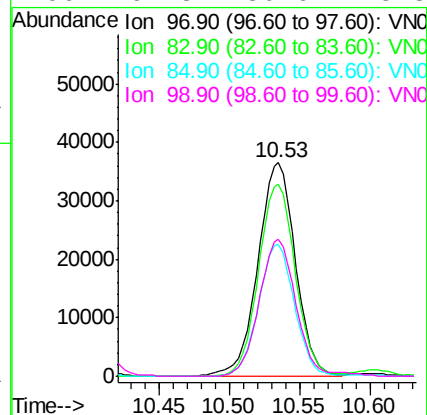
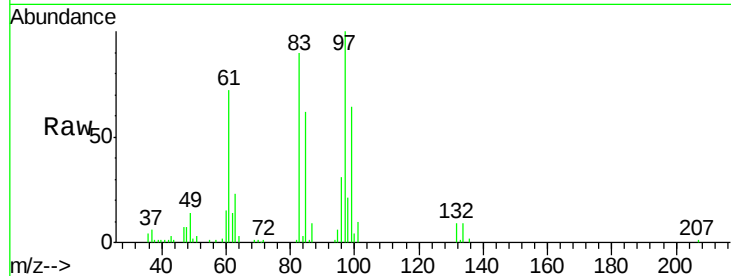
ClientSampleId :

SS040MW015-200428MS

Tot Ion:	97	Resp:	67794
Ion	Ratio	Lower	Upper
97	100		
83	89.9	70.6	106.0
85	61.7	46.4	69.6
99	64.3	50.6	75.8

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#56

Ethyl methacrylate

Concen: 50.973 ug/l

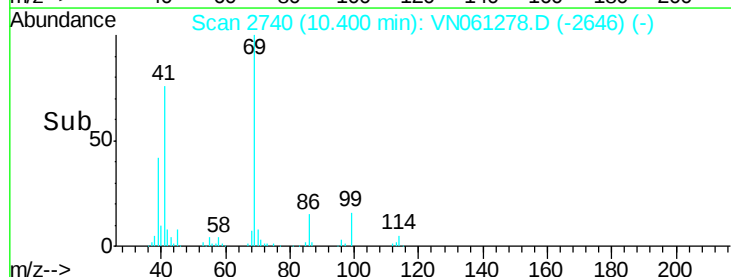
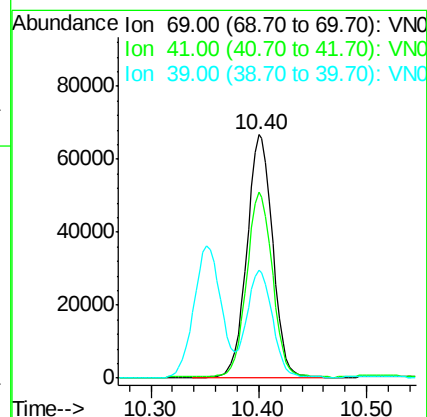
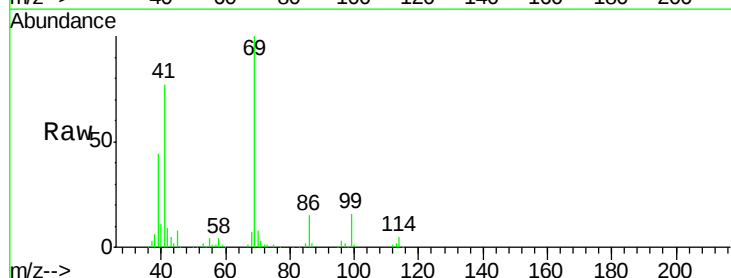
RT: 10.40 min Scan# 2740

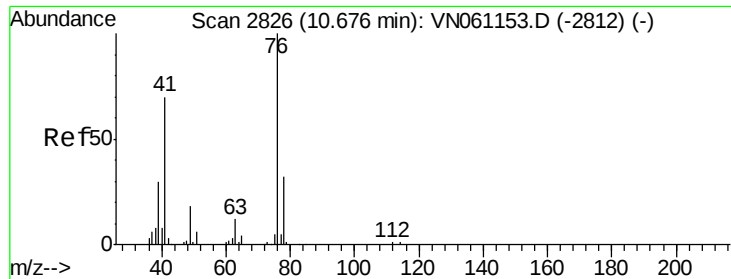
Delta R.T. 0.00 min

Lab File: VN061278.D

Acq: 4 May 2020 15:17

Tgt Ion:	69	Resp:	111765
Ion	Ratio	Lower	Upper
69	100		
41	75.6	60.3	90.5
39	44.1	35.9	53.9





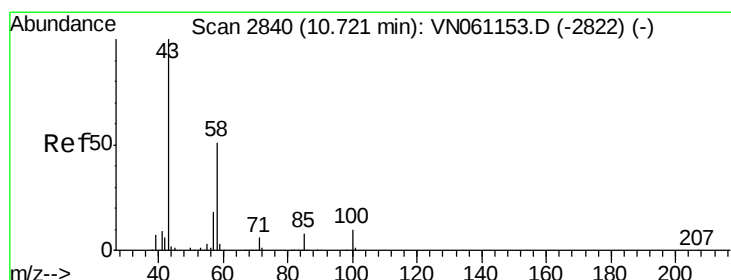
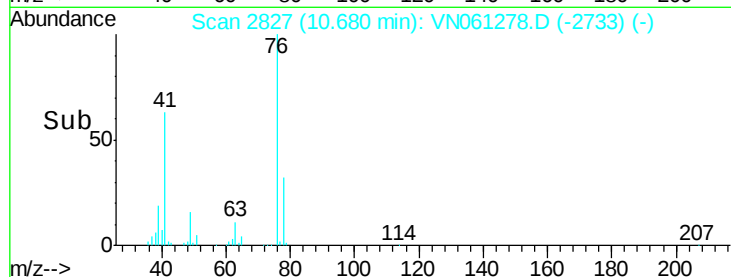
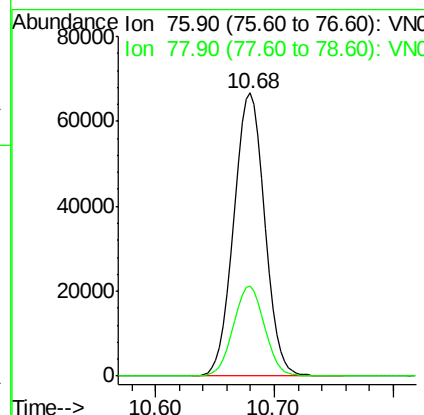
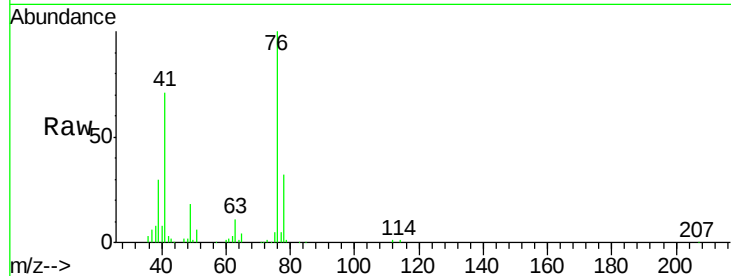
#57
 1,3-Dichloropropane
 Concen: 54.423 ug/l
 RT: 10.68 min Scan# 2827
 Delta R.T. 0.00 min
 Lab File: VN061278.D
 Acq: 4 May 2020 15:17

Instrument :
 MSVOA_N
 ClientSampleId :
 SS040MW015-200428MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.5	38.3

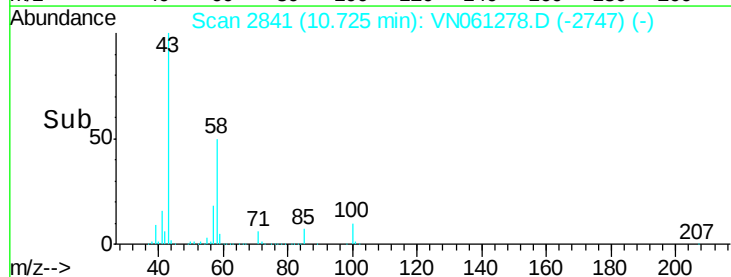
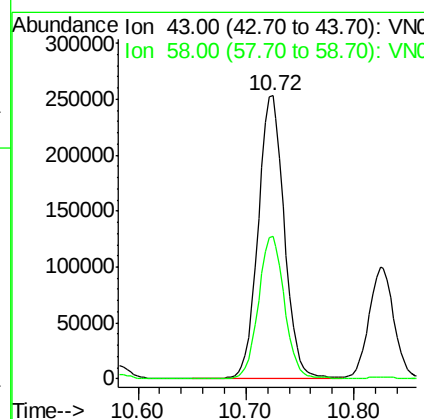
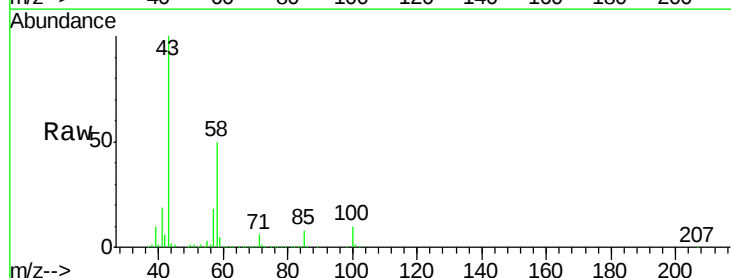
Manual Integrations
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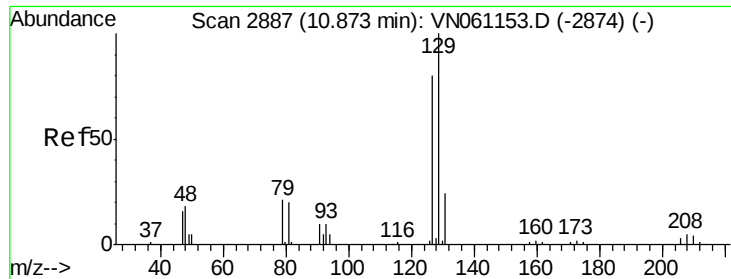
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#59
 2-Hexanone
 Concen: 291.246 ug/l
 RT: 10.72 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VN061278.D
 Acq: 4 May 2020 15:17

Tgt Ion	Ratio	Lower	Upper
43	100		
58	50.1	25.4	76.4





#60

Dibromochloromethane

Concen: 54.024 ug/l

RT: 10.88 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VN061278.D

Acq: 4 May 2020 15:17

Instrument :

MSVOA_N

ClientSampleId :

SS040MW015-200428MS

Tot Ion:129 Resp: 71118

Ion Ratio Lower Upper

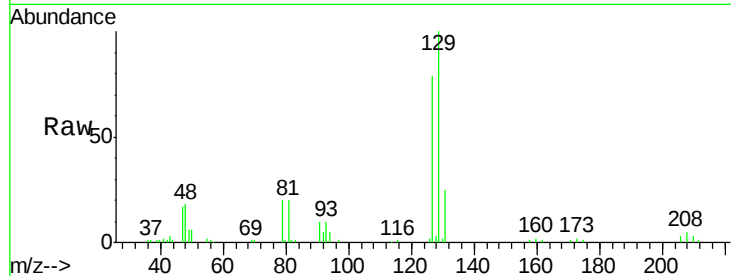
129 100

127 77.9 39.3 117.8

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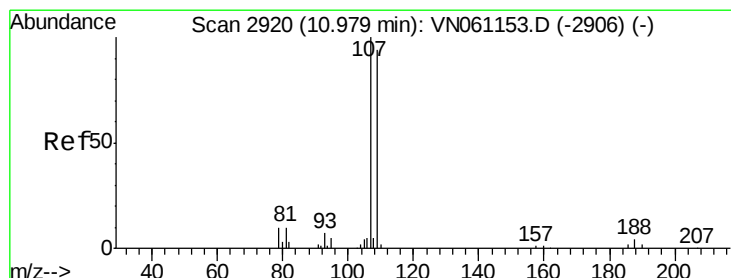
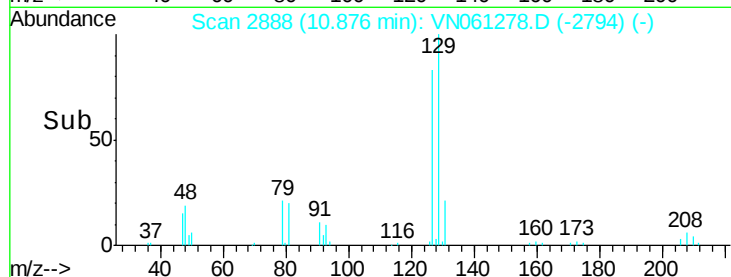
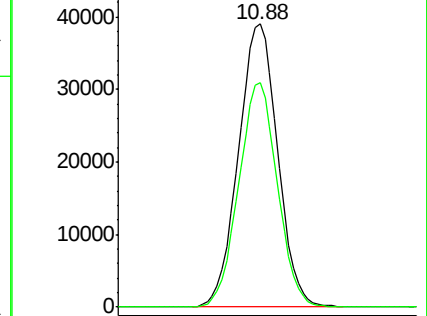
MMDadoda

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 54.171 ug/l

RT: 10.98 min Scan# 2920

Delta R.T. 0.00 min

Lab File: VN061278.D

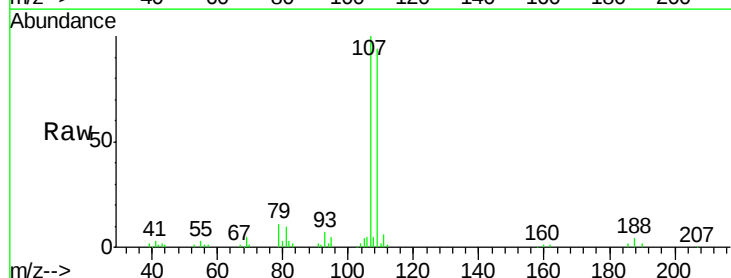
Acq: 4 May 2020 15:17

Tgt Ion:107 Resp: 68244

Ion Ratio Lower Upper

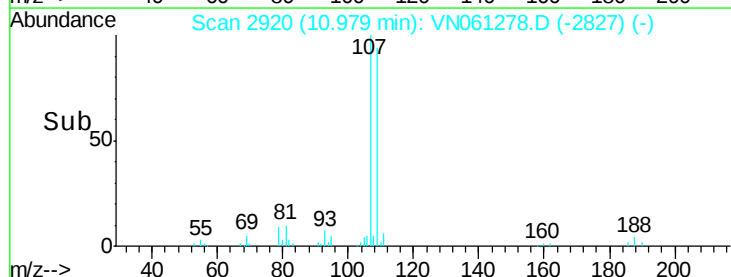
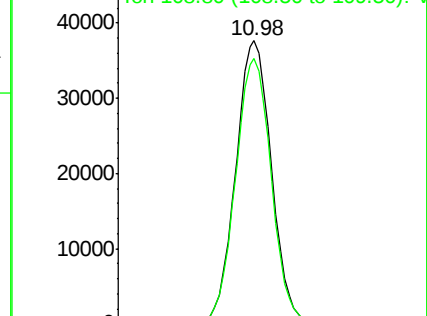
107 100

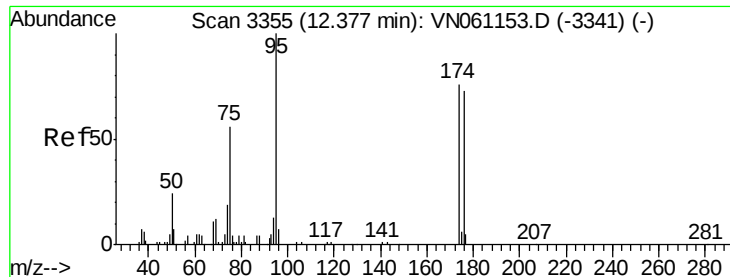
109 94.3 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





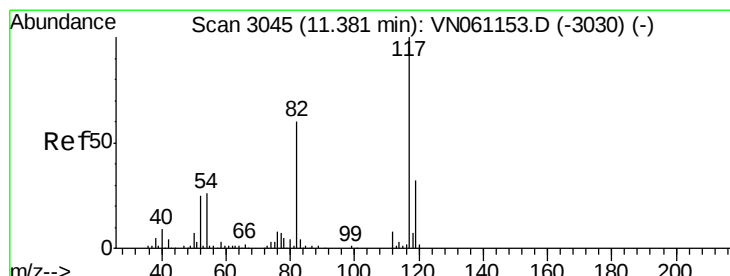
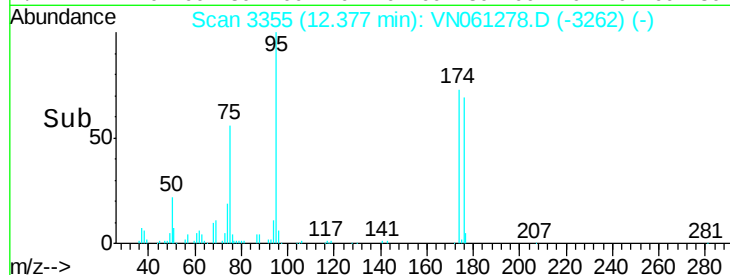
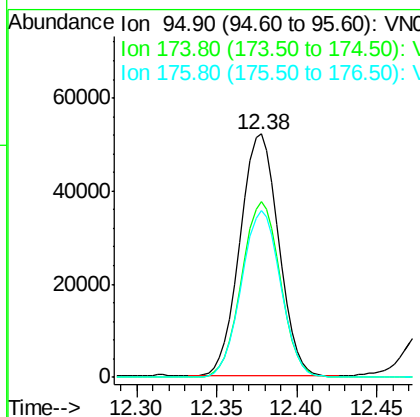
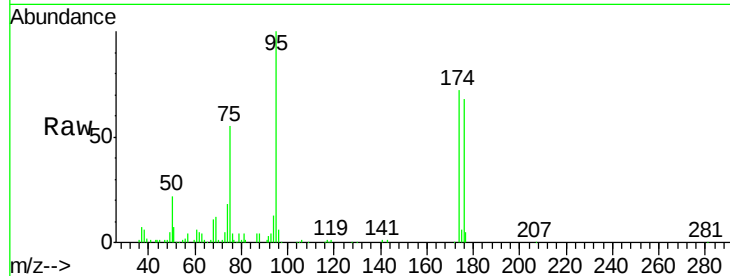
#62
4-Bromofluorobenzene
Concen: 54.019 ug/l
RT: 12.38 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VN061278.D
Acq: 4 May 2020 15:17

Instrument :
MSVOA_N
ClientSampleId :
SS040MW015-200428MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	85958		
174	72.5	0.0	149.4	
176	69.5	0.0	144.8	

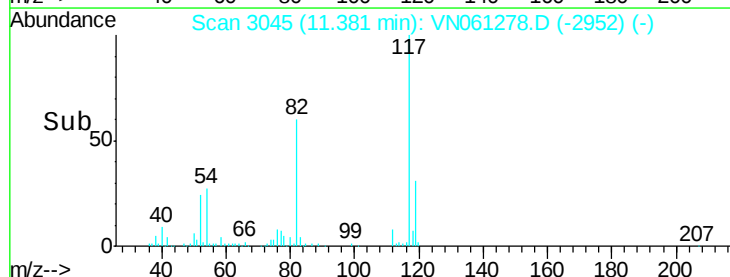
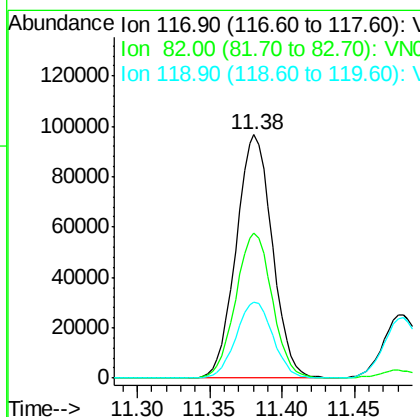
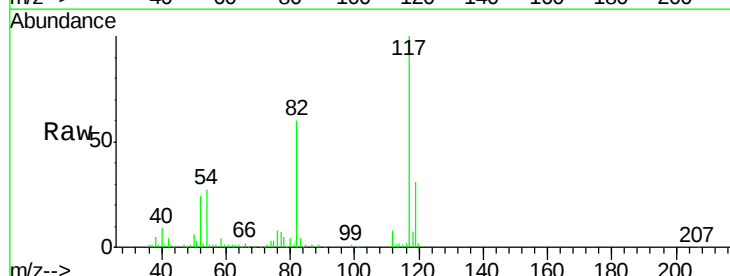
Manual Integrations
APPROVED

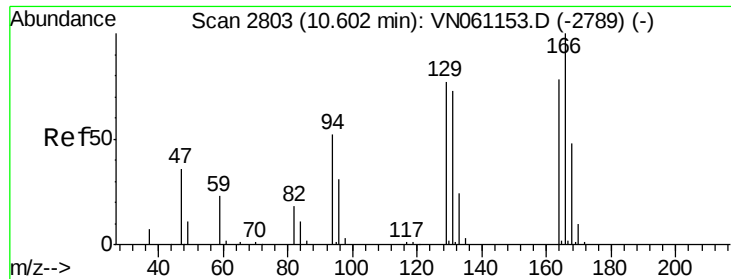
MMDadoda
5/5/2020 11:36:14 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061278.D
Acq: 4 May 2020 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	167684		
82	59.8	47.8	71.8	
119	31.4	25.8	38.6	





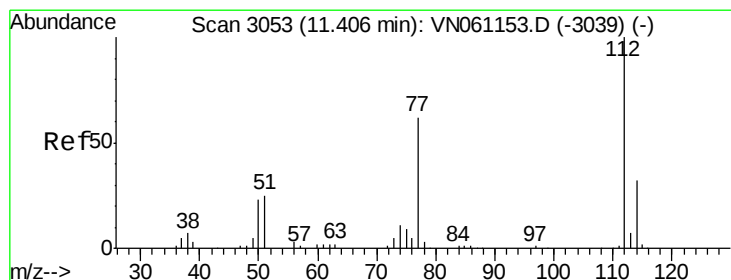
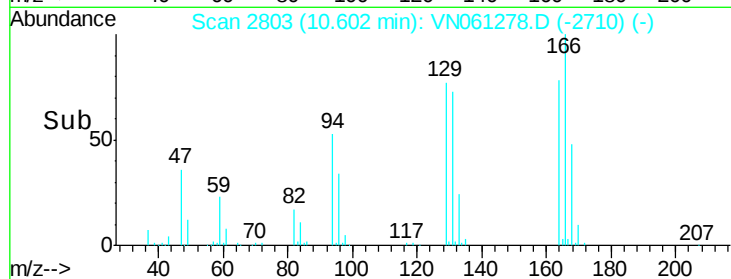
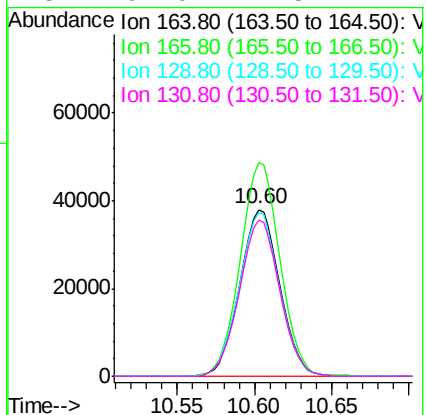
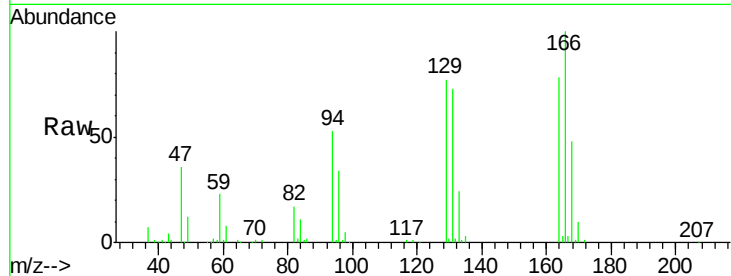
#64
Tetrachloroethene
Concen: 47.234 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061278.D
Acq: 4 May 2020 15:17

Instrument :
MSVOA_N
ClientSampleId :
SS040MW015-200428MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.1	102.0	153.0
129	98.4	78.2	117.2
131	94.0	74.5	111.7

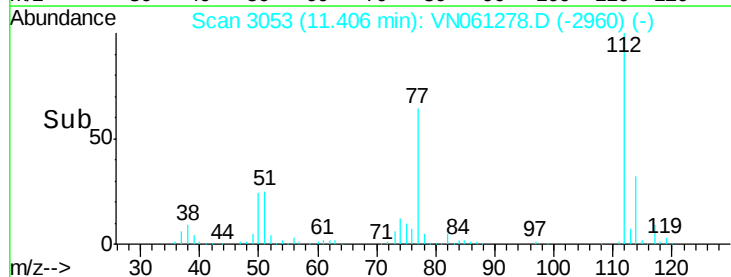
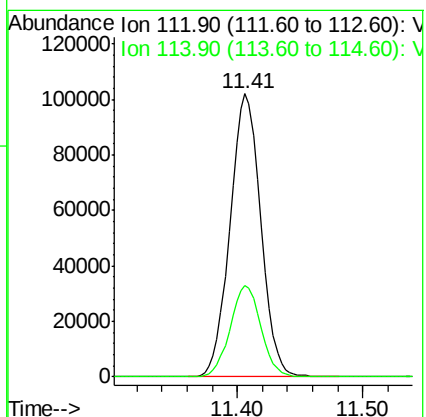
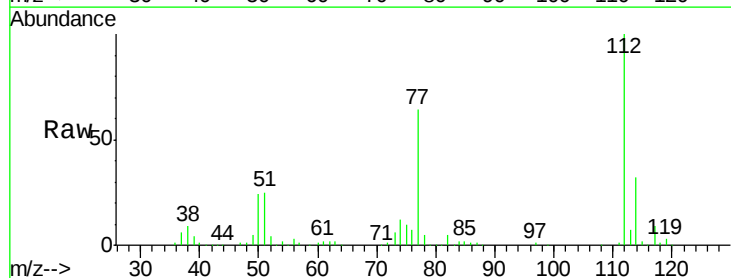
Manual Integrations
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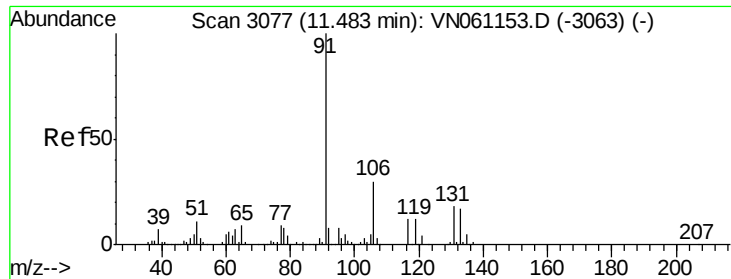
MMDadoda
5/5/2020 11:36:14 AM



#65
Chlorobenzene
Concen: 52.239 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061278.D
Acq: 4 May 2020 15:17

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.4	38.2





#66

1,1,1,2-Tetrachloroethane

Concen: 54.198 ug/l

RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

Lab File: VN061278.D

Acq: 4 May 2020 15:17

Instrument :

MSVOA_N

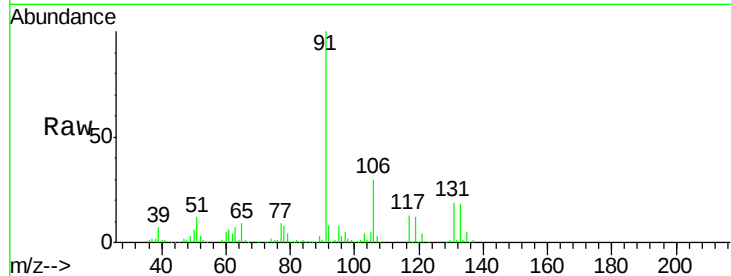
ClientSampleId :

SS040MW015-200428MS

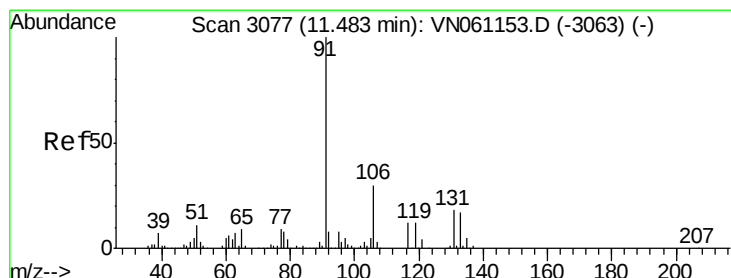
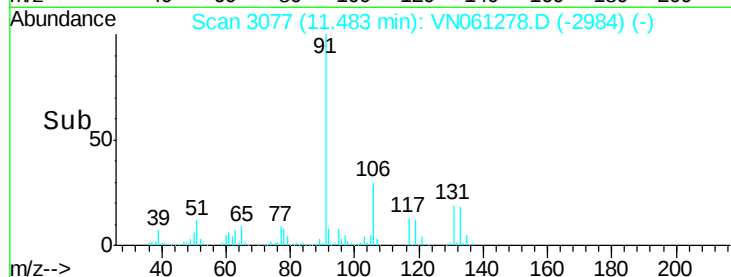
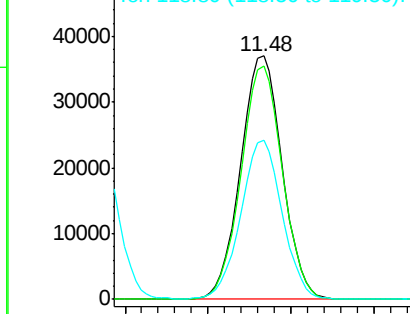
Tot Ion:	131	Resp:	64523
Ion	Ratio	Lower	Upper
131	100		
133	95.3	48.0	144.2
119	64.9	32.6	97.8

Manual Integrations
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Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 53.571 ug/l

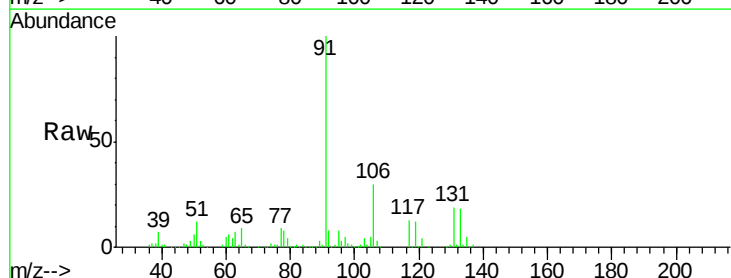
RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

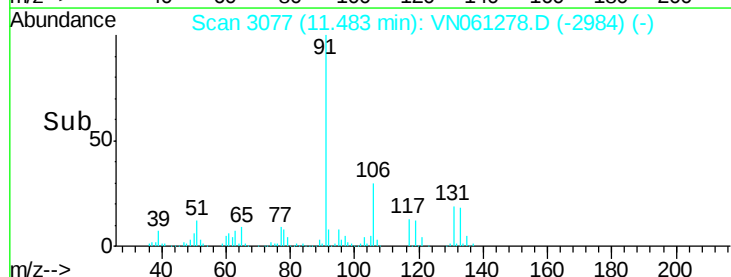
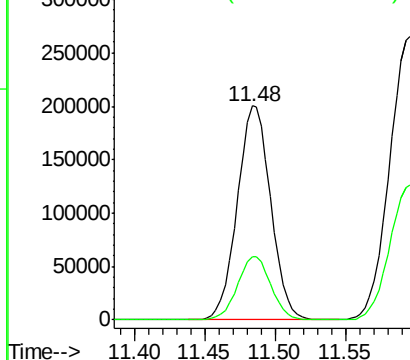
Lab File: VN061278.D

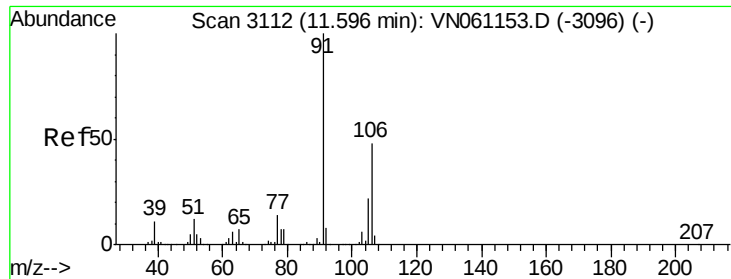
Acq: 4 May 2020 15:17

Tgt Ion:	91	Resp:	333573
Ion	Ratio	Lower	Upper
91	100		
106	29.8	23.8	35.6



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.00 (105.70 to 106.70): V





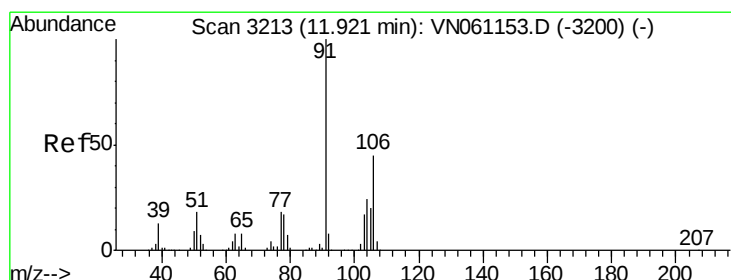
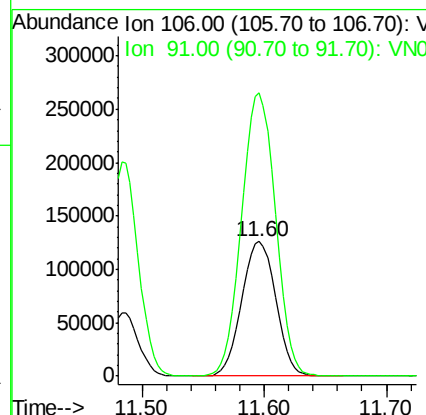
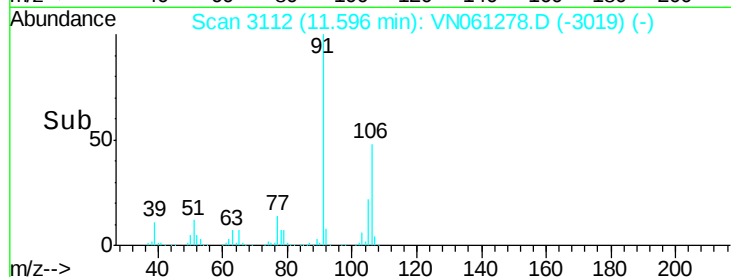
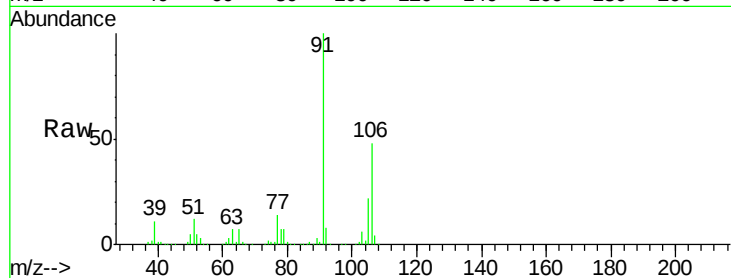
#68
m/p-Xylenes
Concen: 106.530 ug/l
RT: 11.60 min Scan# 3112
Delta R.T. 0.00 min
Lab File: VN061278.D
Acq: 4 May 2020 15:17

Instrument :
MSVOA_N
ClientSampleId :
SS040MW015-200428MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		242801		
91	209.4	166.4	249.6		

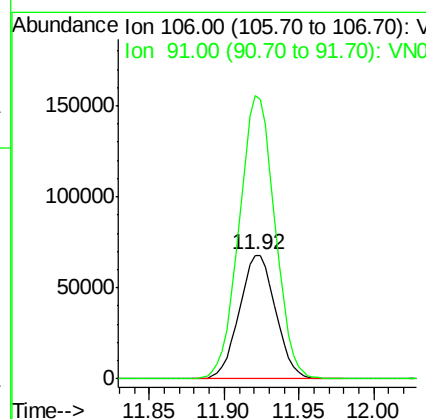
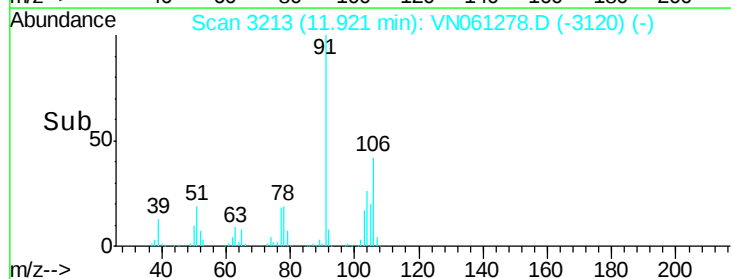
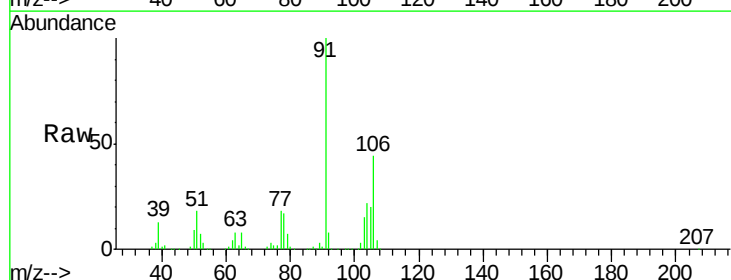
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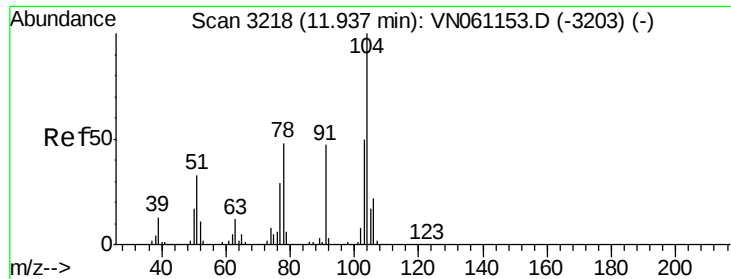
MMDadoda
5/5/2020 11:36:14 AM



#69
o-Xylene
Concen: 52.412 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061278.D
Acq: 4 May 2020 15:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		114746		
91	225.9	109.7	329.0		





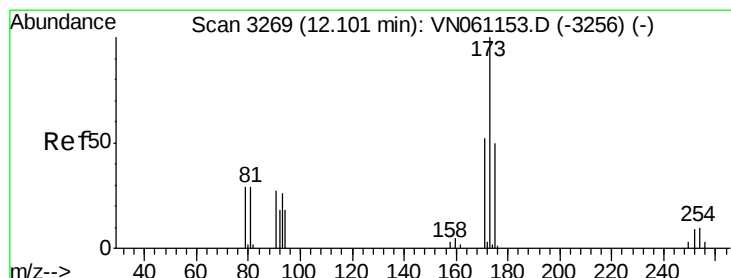
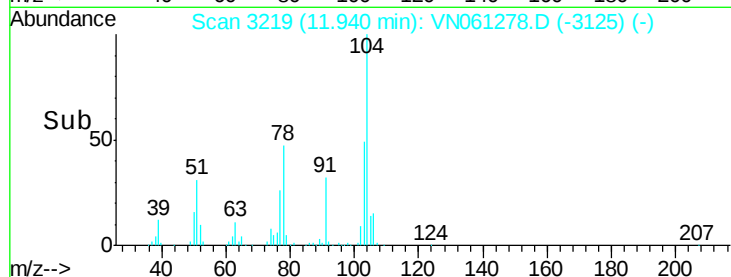
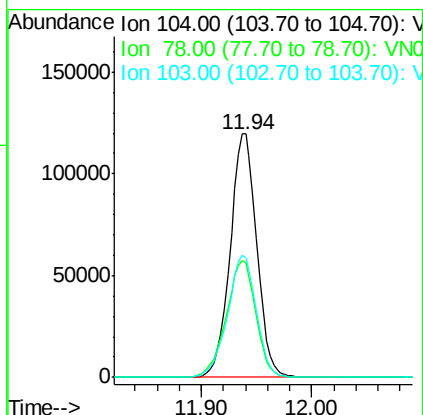
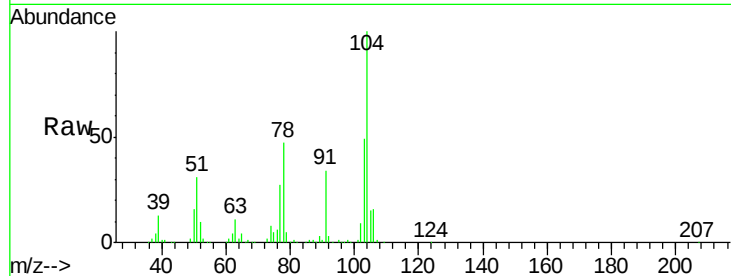
#70
Stvrene
Concen: 54.544 ug/l
RT: 11.94 min Scan# 3219
Delta R.T. 0.00 min
Lab File: VN061278.D
Acq: 4 May 2020 15:17

Instrument :
MSVOA_N
ClientSampleId :
SS040MW015-200428MS

Tot Ion	Ratio	Resp	Lower	Upper
104	100	199863		
78	53.3		42.1	63.1
103	54.1		43.3	64.9

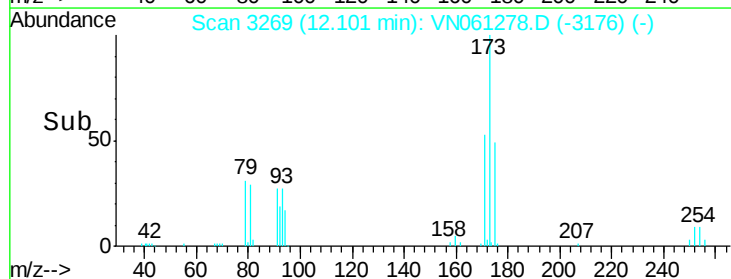
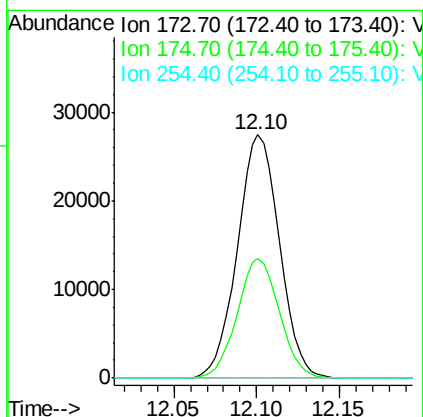
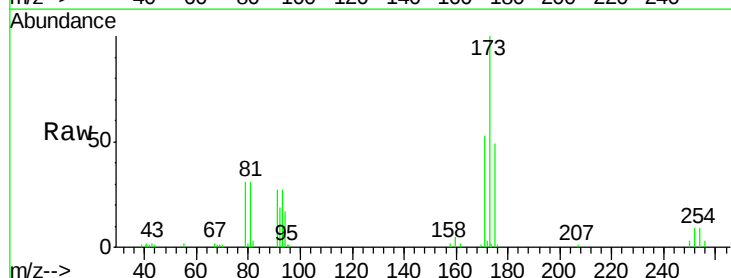
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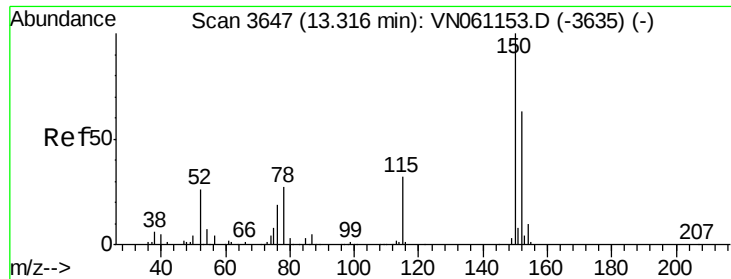
MMDadoda
5/5/2020 11:36:14 AM



#71
Bromoform
Concen: 55.397 ug/l
RT: 12.10 min Scan# 3269
Delta R.T. 0.00 min
Lab File: VN061278.D
Acq: 4 May 2020 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	48470		
175	49.1		24.1	72.4
254	0.0		0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061278.D

Acq: 4 May 2020 15:17

Instrument :

MSVOA_N

ClientSampleId :

SS040MW015-200428MS

Tot Ion:152 Resp: 82227

Ion Ratio Lower Upper

152 100

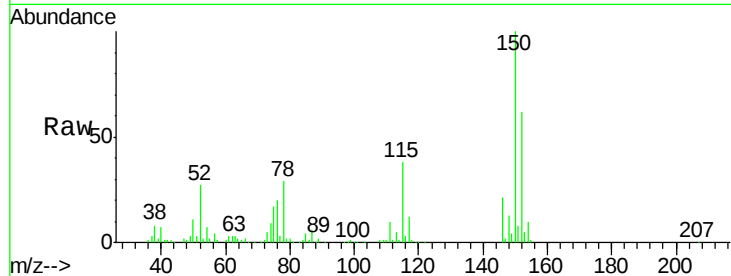
115 61.7 31.0 93.0

150 174.5 0.0 351.8

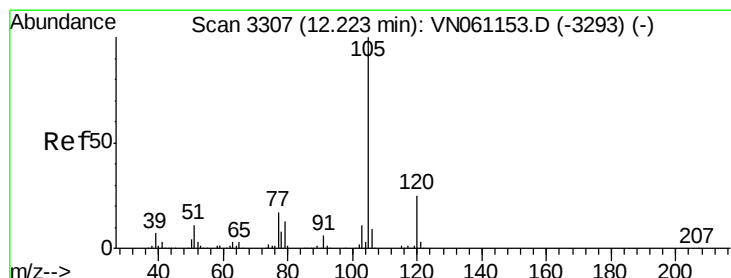
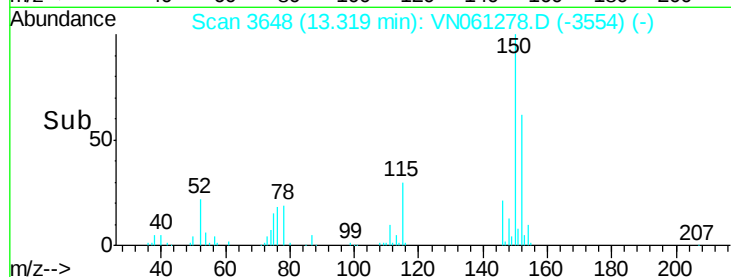
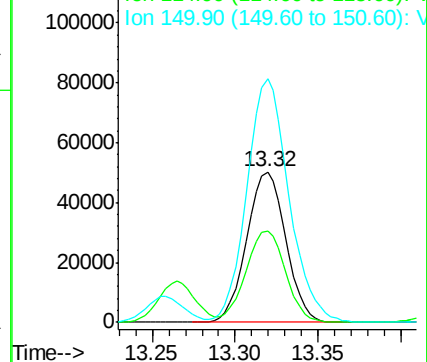
Manual Integrations
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 52.718 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061278.D

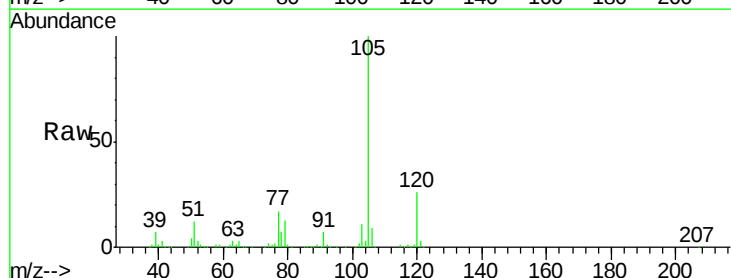
Acq: 4 May 2020 15:17

Tgt Ion:105 Resp: 318677

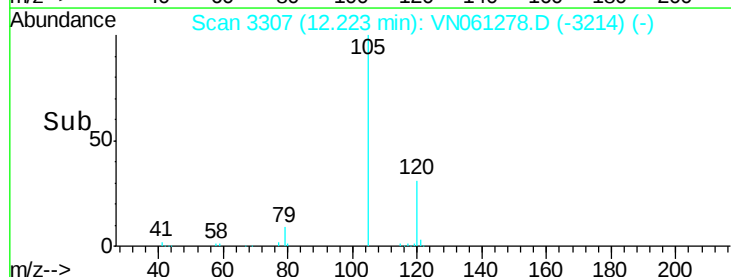
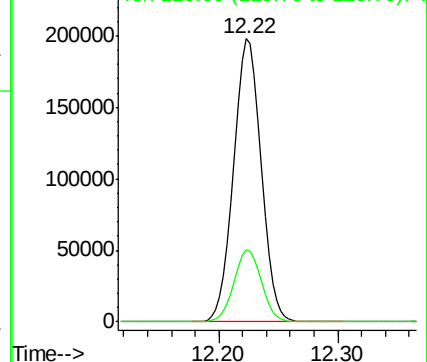
Ion Ratio Lower Upper

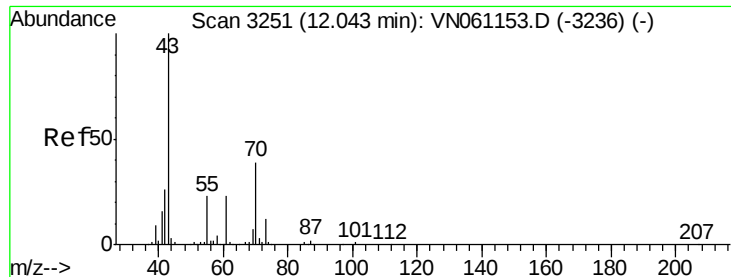
105 100

120 25.5 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





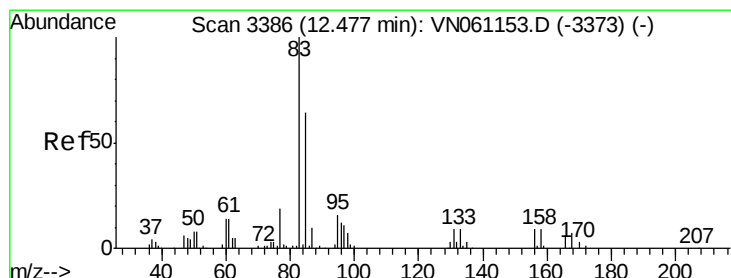
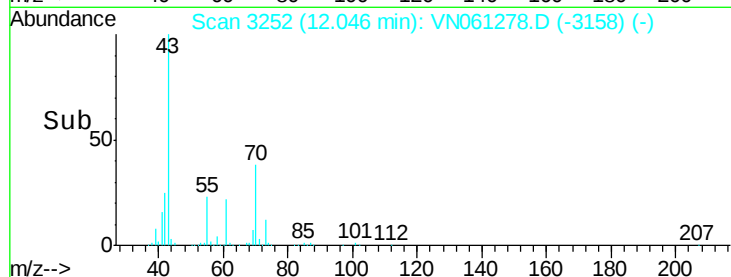
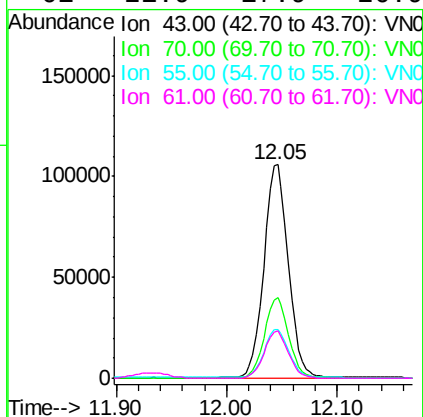
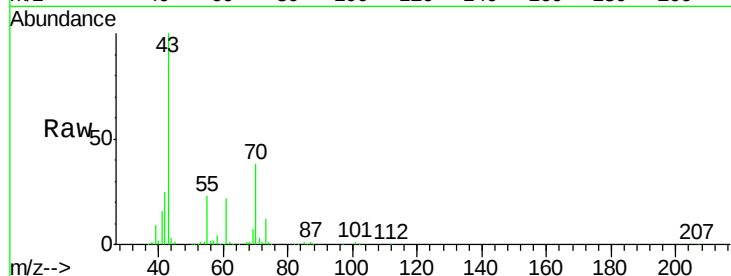
#74
N-amvl acetate
Concen: 53.055 ug/l
RT: 12.05 min Scan# 3252
Delta R.T. 0.00 min
Lab File: VN061278.D
Acq: 4 May 2020 15:17

Instrument :
MSVOA_N
ClientSampleId :
SS040MW015-200428MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100				
70	37.5	30.6	46.0		
55	23.2	18.5	27.7		
61	21.9	17.9	26.9		

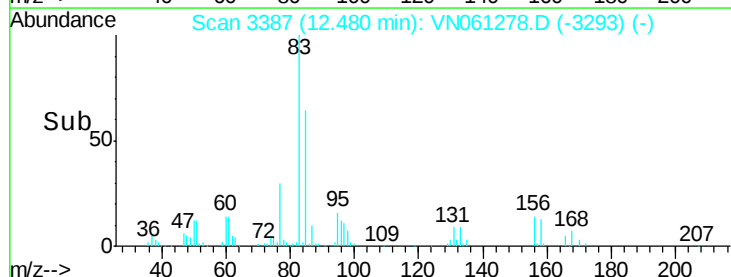
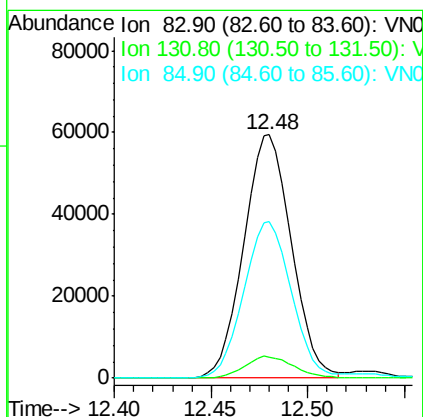
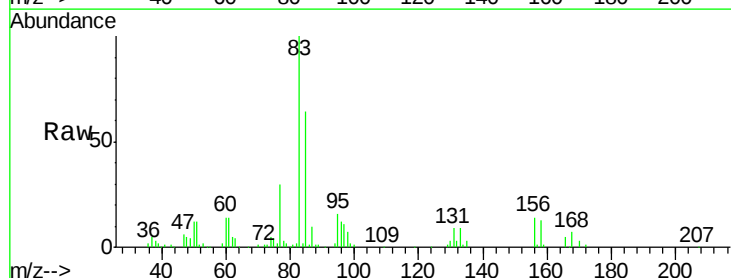
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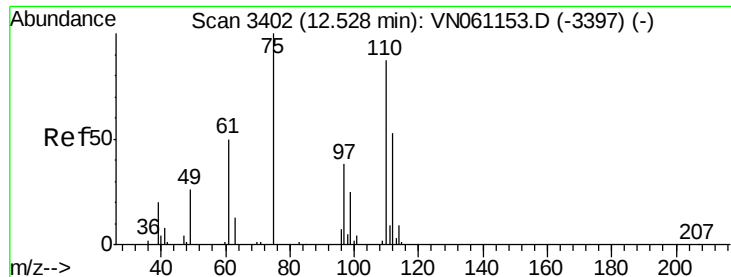
MMDadoda
5/5/2020 11:36:14 AM



#75
1,1,2,2-Tetrachloroethane
Concen: 54.140 ug/l
RT: 12.48 min Scan# 3387
Delta R.T. 0.00 min
Lab File: VN061278.D
Acq: 4 May 2020 15:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100				
131	9.2	4.8	14.3		
85	64.1	32.0	96.0		





#76

1,2,3-Trichloropropane

Concen: 53.512 ug/l m

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN061278.D

Acq: 4 May 2020 15:17

Instrument :

MSVOA_N

ClientSampleId :

SS040MW015-200428MS

Tot Ion: 75 Resp: 92766

Ion Ratio Lower Upper

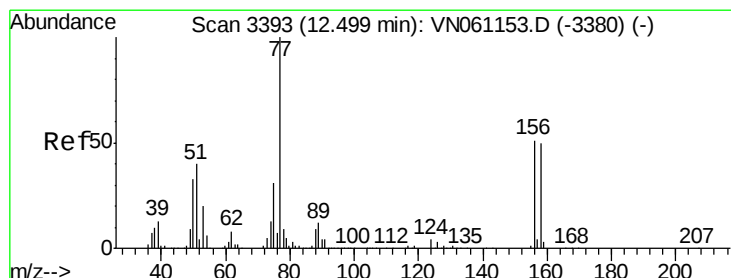
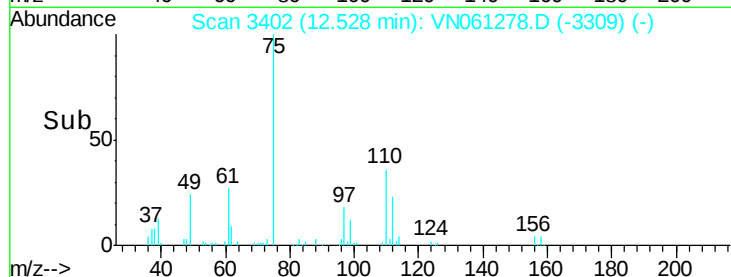
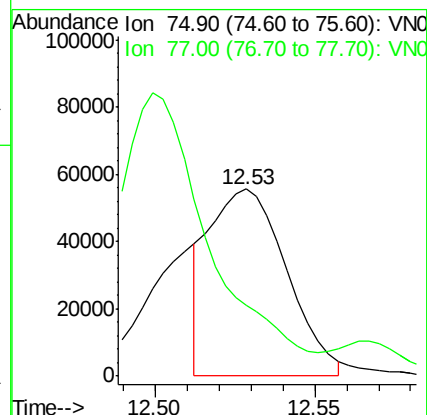
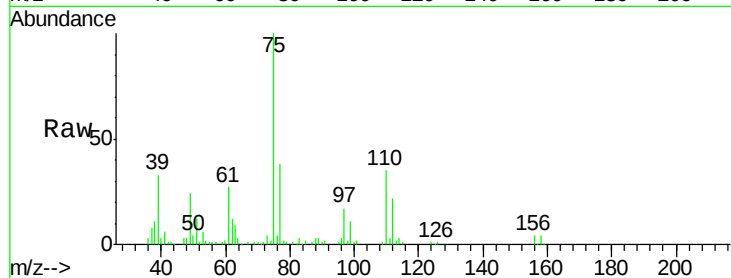
75 100

77 0.0 0.0 0.0

Manual Integrations
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MMDadoda

5/5/2020 11:36:14 AM



#77

Bromobenzene

Concen: 51.679 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061278.D

Acq: 4 May 2020 15:17

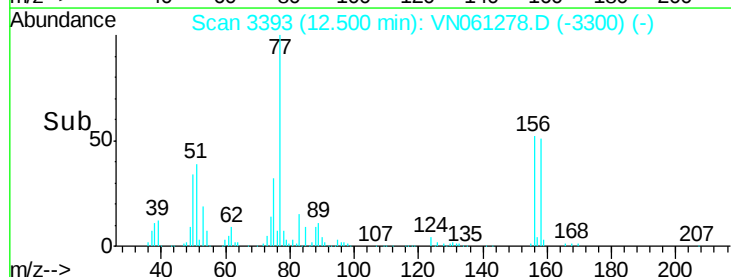
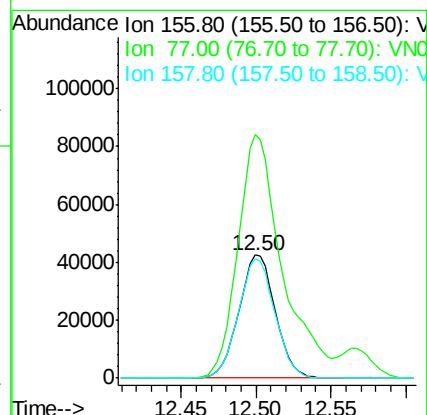
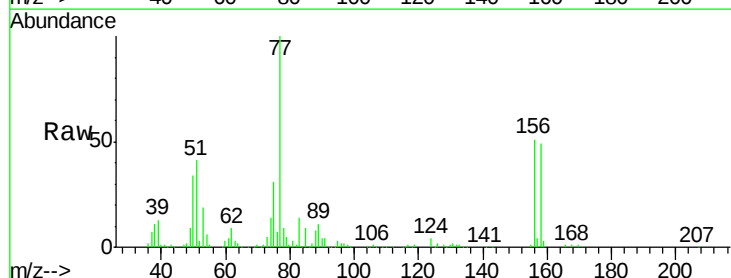
Tgt Ion: 156 Resp: 72114

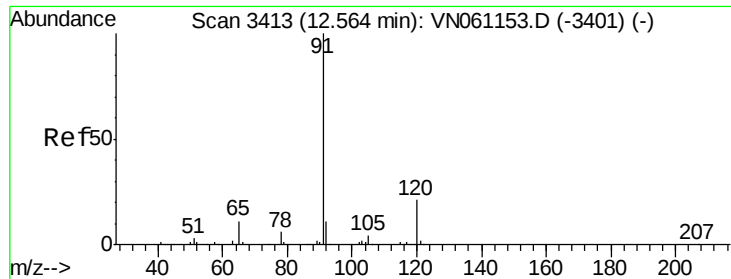
Ion Ratio Lower Upper

156 100

77 240.4 117.4 352.2

158 96.9 48.4 145.0





#78

n-propylbenzene

Concen: 53.193 ug/l

RT: 12.57 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN061278.D

Acq: 4 May 2020 15:17

Instrument :

MSVOA_N

ClientSampleId :

SS040MW015-200428MS

Tot Ion: 91 Resp: 381391

Ion Ratio Lower Upper

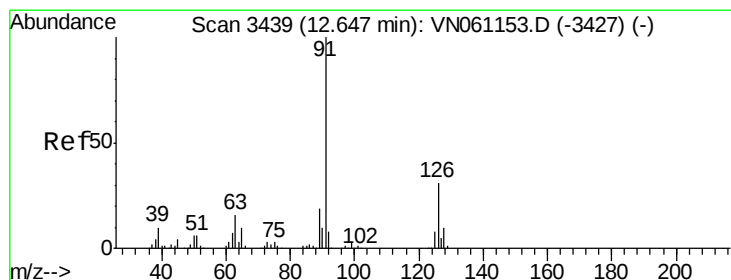
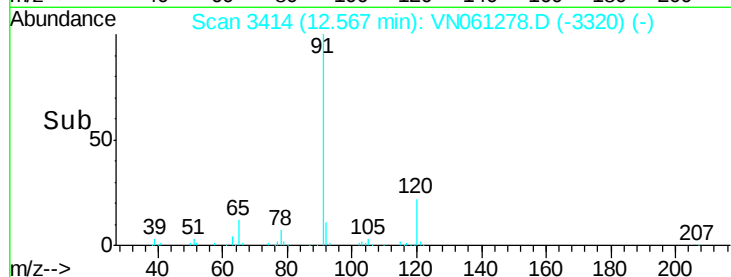
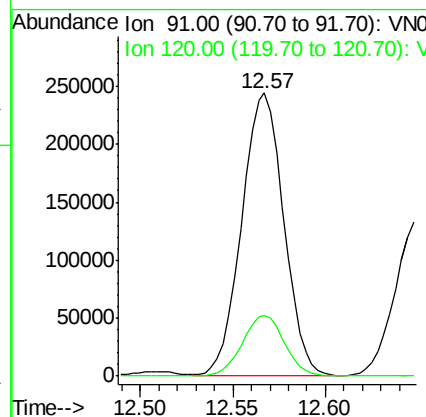
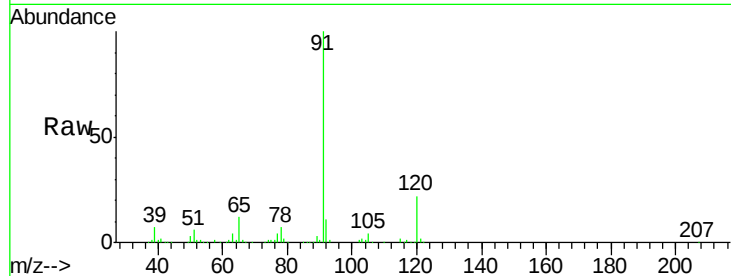
91 100

120 21.5 10.8 32.3

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#79

2-Chlorotoluene

Concen: 52.569 ug/l

RT: 12.65 min Scan# 3440

Delta R.T. 0.00 min

Lab File: VN061278.D

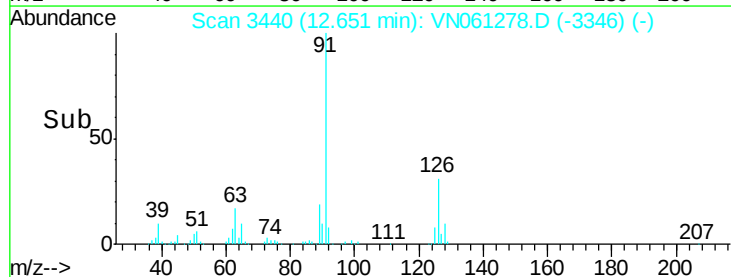
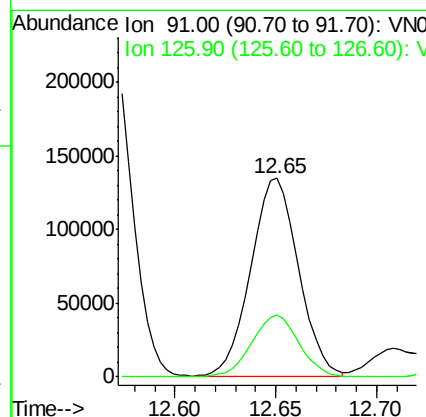
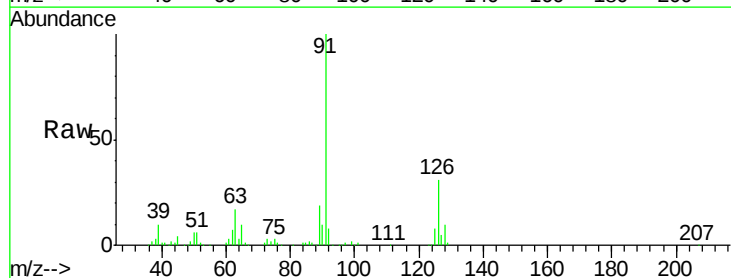
Acq: 4 May 2020 15:17

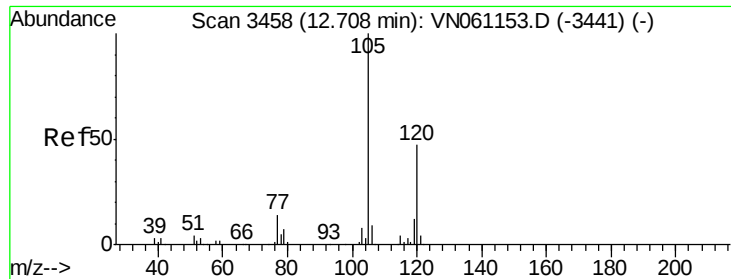
Tgt Ion: 91 Resp: 221540

Ion Ratio Lower Upper

91 100

126 31.2 15.9 47.7





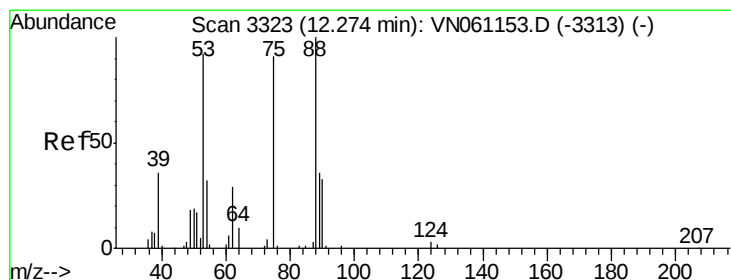
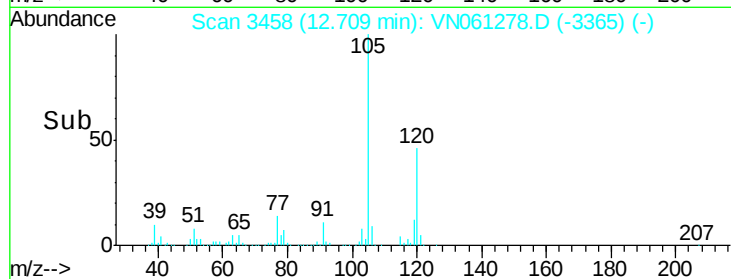
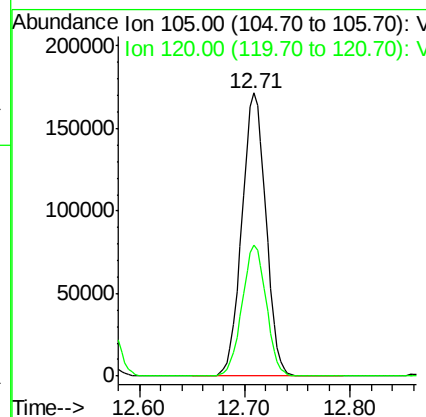
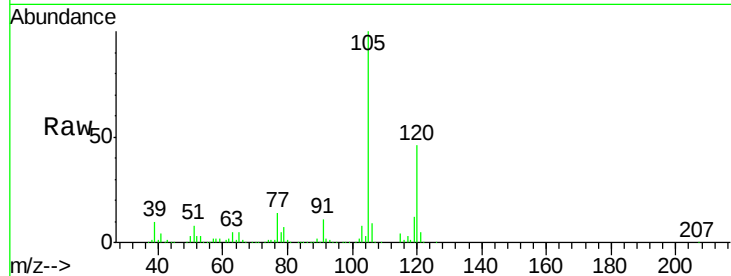
#80
 1,3,5-Trimethylbenzene
 Concen: 54.028 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN061278.D
 Acq: 4 May 2020 15:17

Instrument :
 MSVOA_N
 ClientSampleId :
 SS040MW015-200428MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.9	71.7

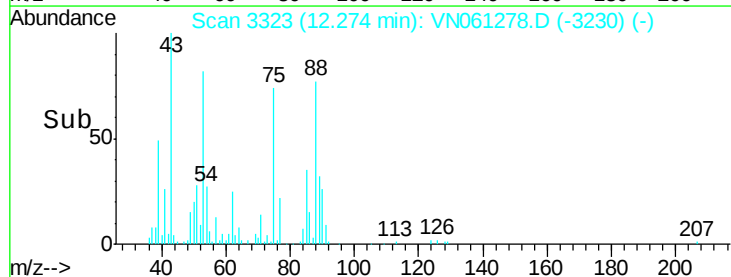
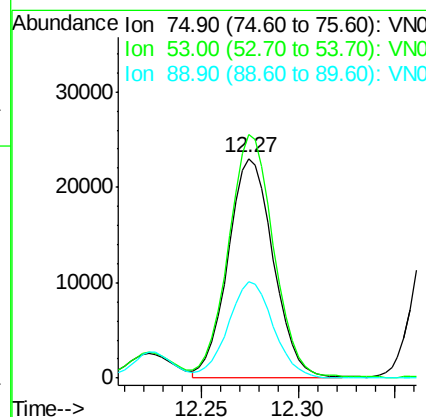
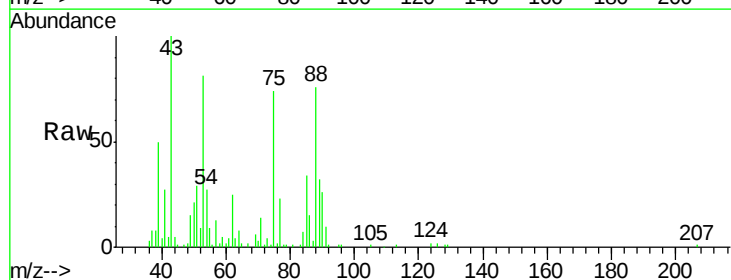
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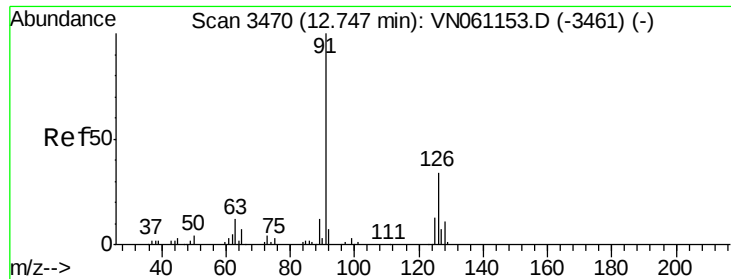
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.064 ug/l
 RT: 12.27 min Scan# 3323
 Delta R.T. 0.00 min
 Lab File: VN061278.D
 Acq: 4 May 2020 15:17

Tgt Ion	Ratio	Lower	Upper
75	100		
53	109.0	84.1	126.1
89	43.7	35.2	52.8





#82

4-Chlorotoluene

Concen: 53.436 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061278.D

Acq: 4 May 2020 15:17

Instrument :

MSVOA_N

ClientSampleId :

SS040MW015-200428MS

Tot Ion: 91 Resp: 237349

Ion Ratio Lower Upper

91 100

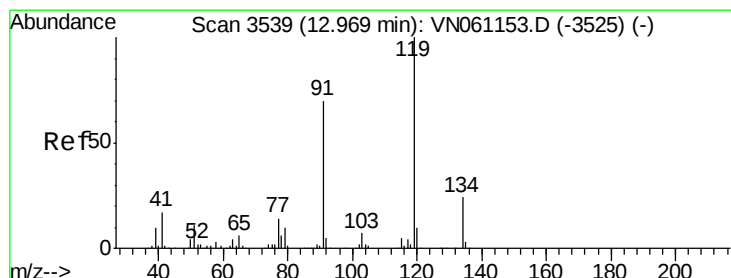
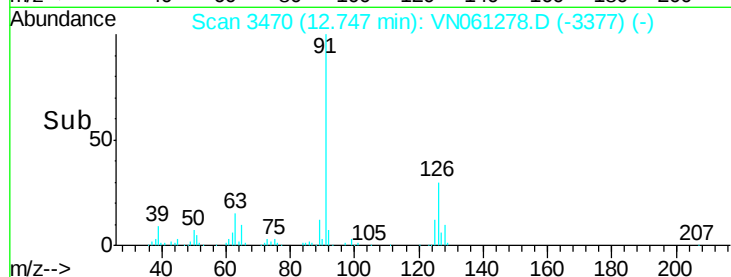
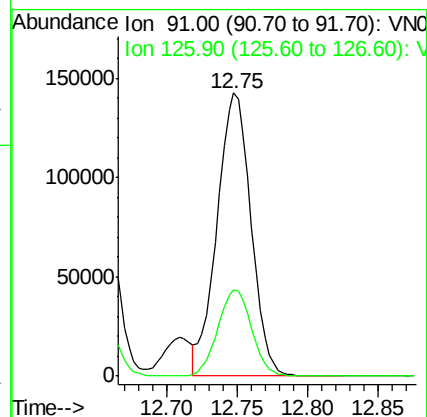
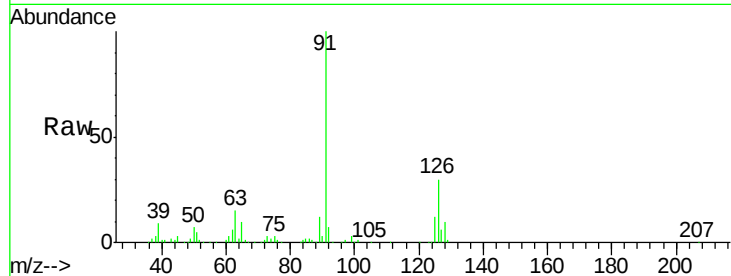
126 30.5 15.7 47.1

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#83

tert-Butylbenzene

Concen: 55.153 ug/l

RT: 12.97 min Scan# 3539

Delta R.T. 0.00 min

Lab File: VN061278.D

Acq: 4 May 2020 15:17

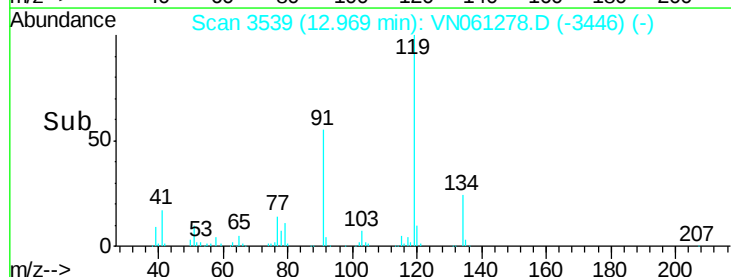
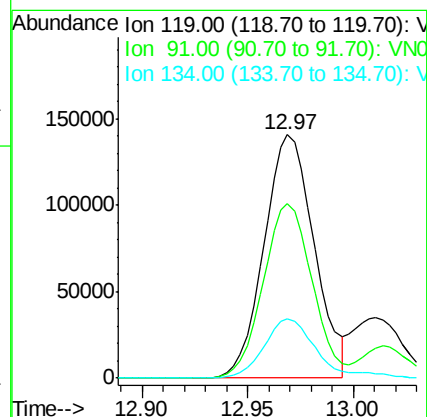
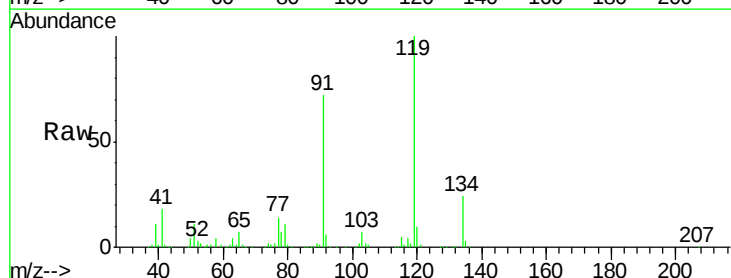
Tgt Ion: 119 Resp: 232672

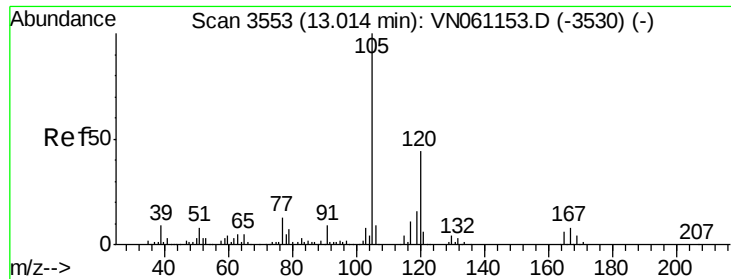
Ion Ratio Lower Upper

119 100

91 70.3 34.8 104.4

134 25.6 12.9 38.7





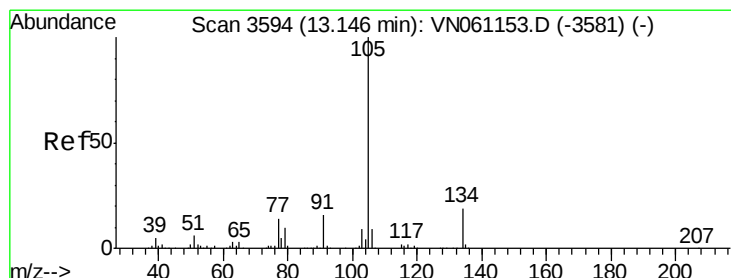
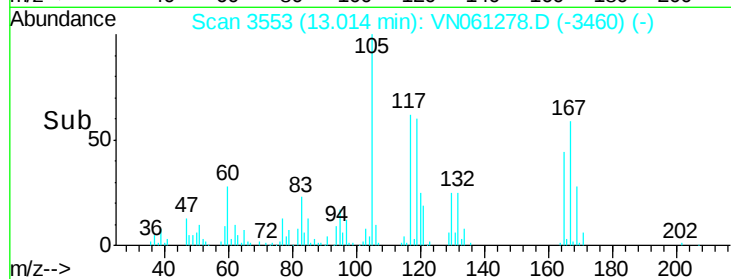
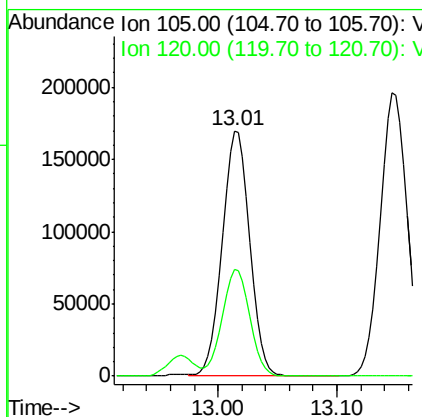
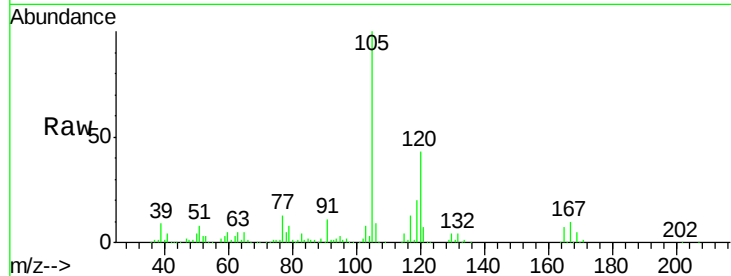
#84
 1,2,4-Trimethylbenzene
 Concen: 52.709 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061278.D
 Acq: 4 May 2020 15:17

Instrument :
 MSVOA_N
 ClientSampleId :
 SS040MW015-200428MS

Tot Ion:105 Resp: 271693
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.2 66.6

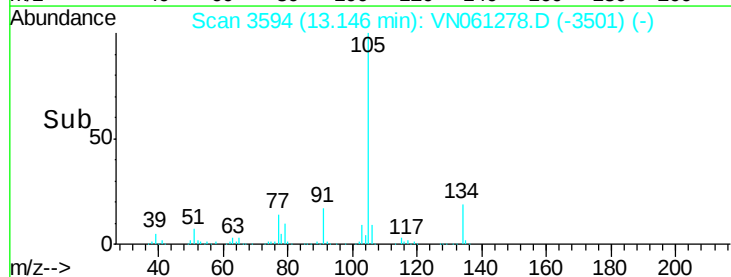
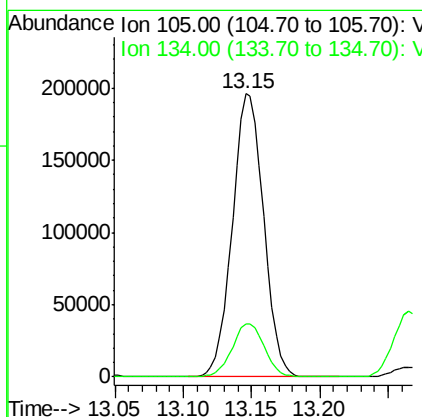
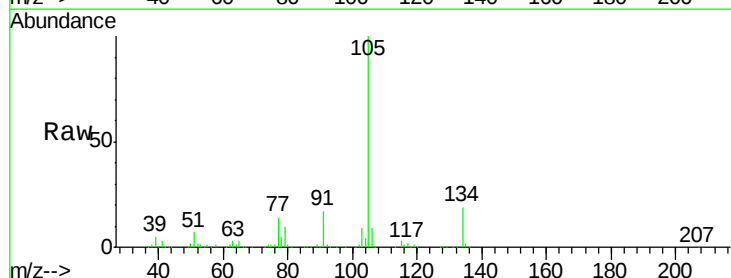
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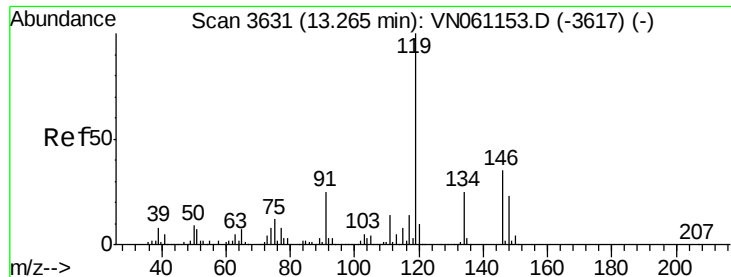
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#85
 sec-Butylbenzene
 Concen: 54.266 ug/l
 RT: 13.15 min Scan# 3594
 Delta R.T. 0.00 min
 Lab File: VN061278.D
 Acq: 4 May 2020 15:17

Tgt Ion:105 Resp: 312120
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.6 28.8





#86

p-Isopropyltoluene

Concen: 53.630 ug/l

RT: 13.26 min Scan# 3631

Delta R.T. 0.00 min

Lab File: VN061278.D

Acq: 4 May 2020 15:17

Instrument :

MSVOA_N

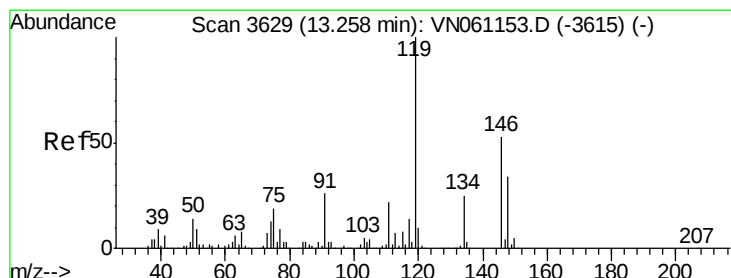
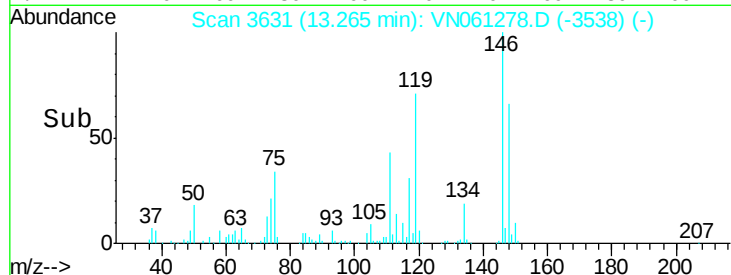
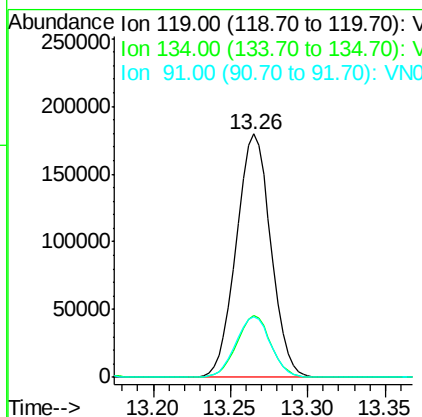
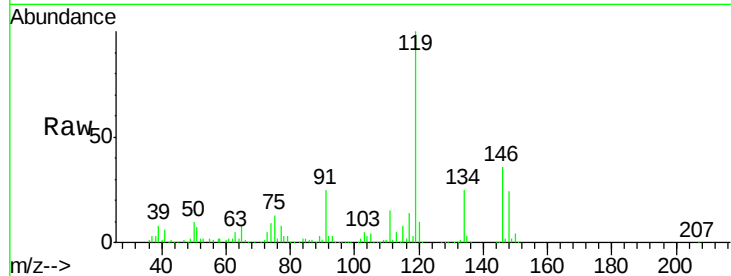
ClientSampleId :

SS040MW015-200428MS

Tot Ion:	119	Resp:	277918
Ion Ratio	Lower	Upper	
119	100		
134	25.2	12.6	37.6
91	25.5	12.7	38.0

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#87

1,3-Dichlorobenzene

Concen: 51.521 ug/l

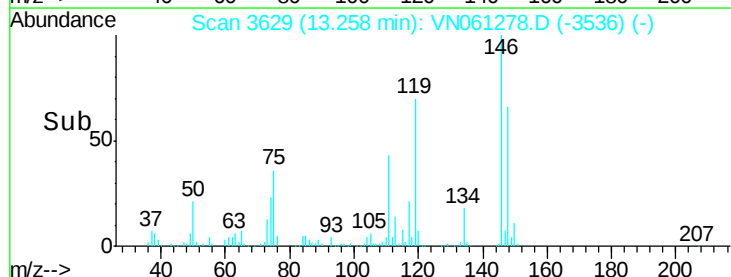
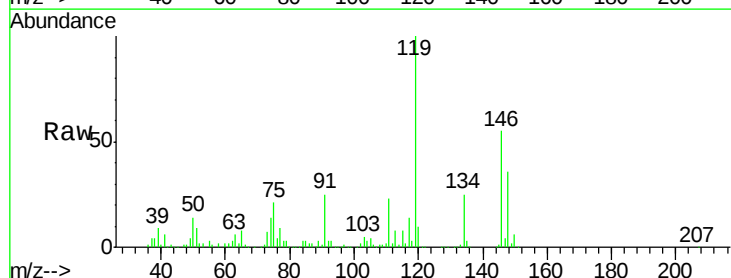
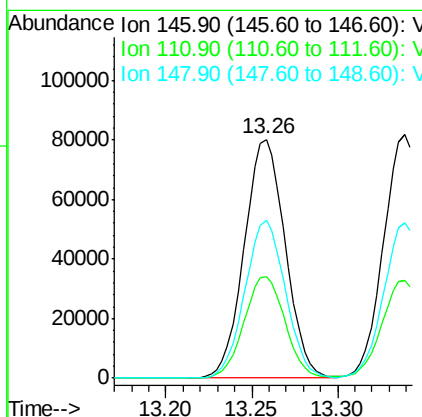
RT: 13.26 min Scan# 3629

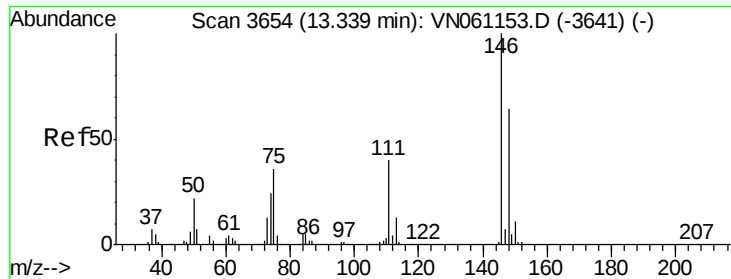
Delta R.T. 0.00 min

Lab File: VN061278.D

Acq: 4 May 2020 15:17

Tgt Ion:	146	Resp:	132350
Ion Ratio	Lower	Upper	
146	100		
111	42.5	20.7	62.1
148	65.4	31.8	95.3





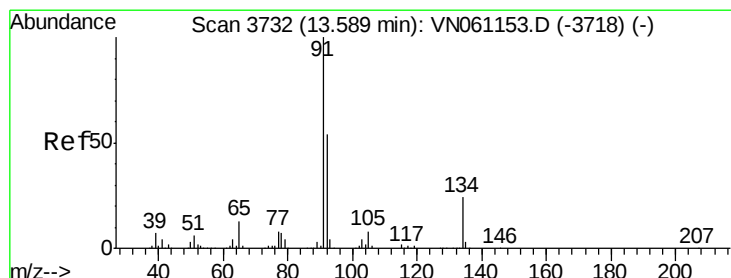
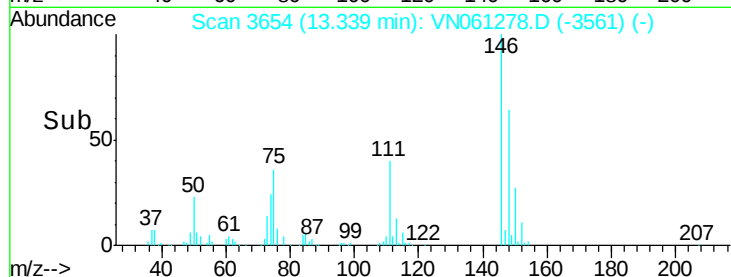
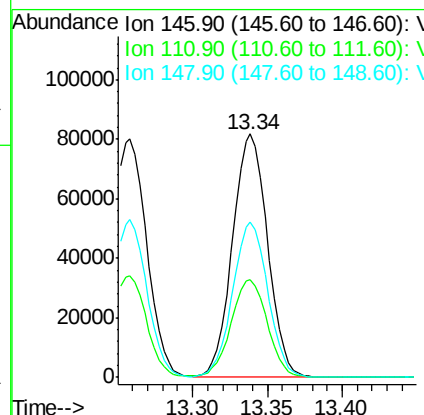
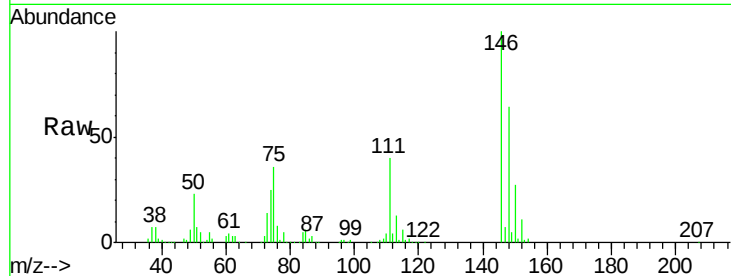
#88
 1,4-Dichlorobenzene
 Concen: 51.019 ug/l
 RT: 13.34 min Scan# 3654
 Delta R.T. 0.00 min
 Lab File: VN061278.D
 Acq: 4 May 2020 15:17

Instrument :
 MSVOA_N
 ClientSampleId :
 SS040MW015-200428MS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	133910		
111	41.5	20.4	61.3	
148	63.9	31.9	95.7	

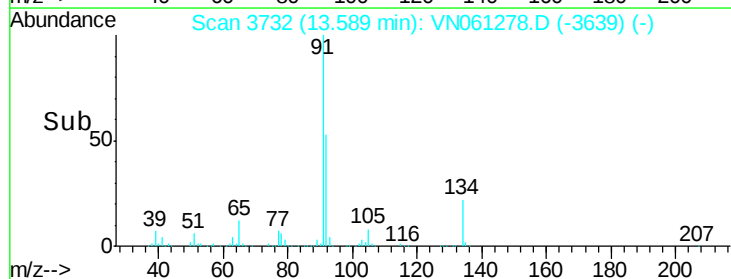
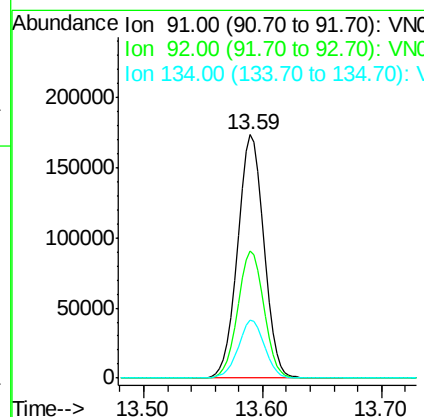
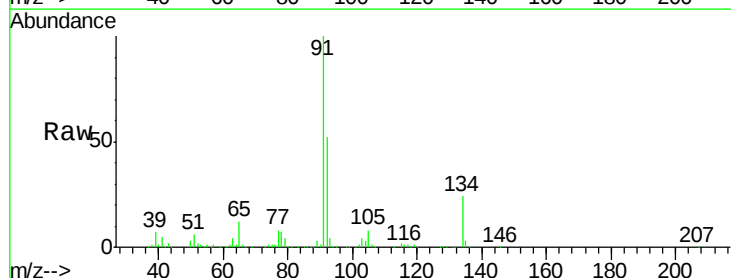
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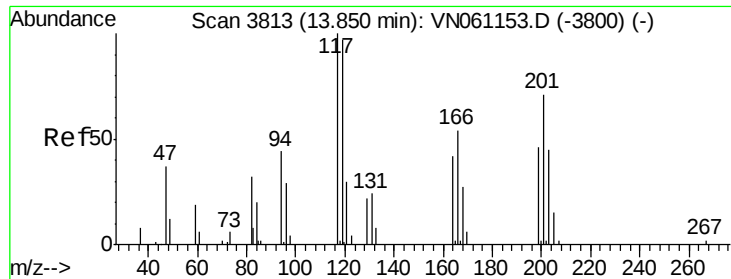
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#89
 n-Butylbenzene
 Concen: 55.932 ug/l
 RT: 13.59 min Scan# 3732
 Delta R.T. 0.00 min
 Lab File: VN061278.D
 Acq: 4 May 2020 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	265717		
92	52.1	26.8	80.3	
134	23.7	11.9	35.5	





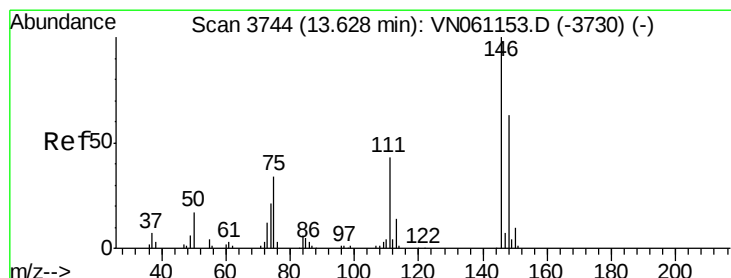
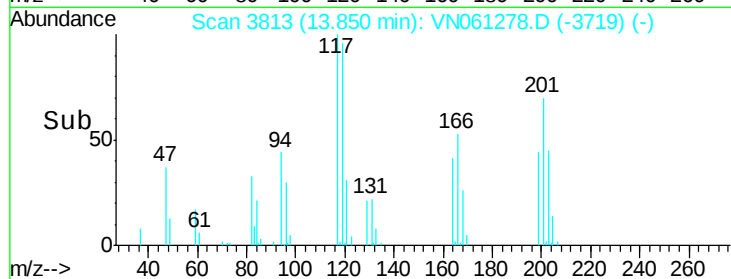
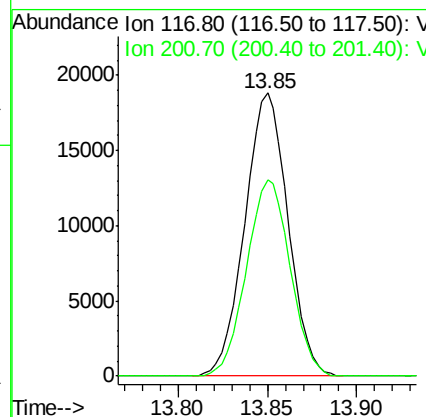
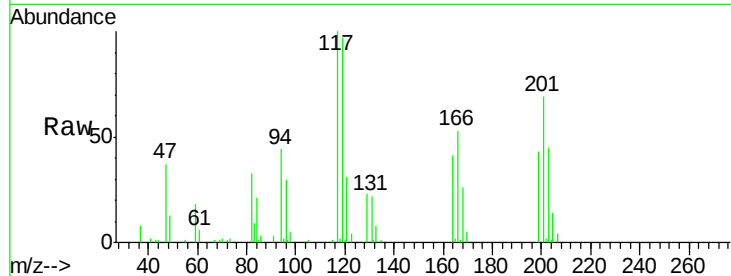
#90
Hexachloroethane
Concen: 57.485 ug/l
RT: 13.85 min Scan# 3813
Delta R.T. 0.00 min
Lab File: VN061278.D
Acq: 4 May 2020 15:17

Instrument :
MSVOA_N
ClientSampleId :
SS040MW015-200428MS

Tot Ion:117 Resp: 31800
Ion Ratio Lower Upper
117 100
201 70.2 35.5 106.7

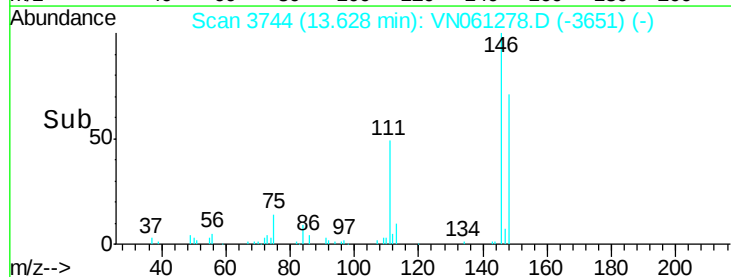
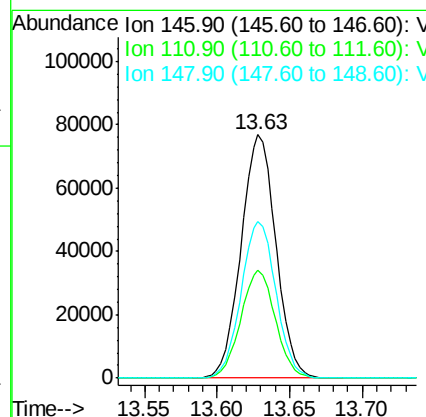
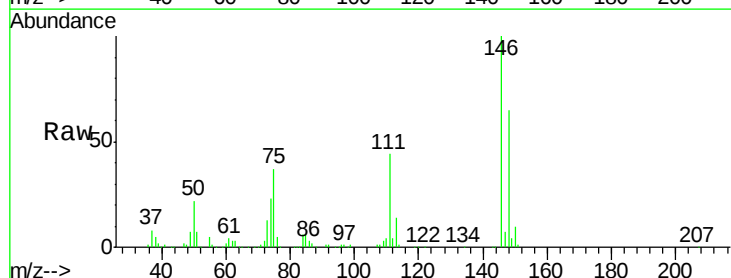
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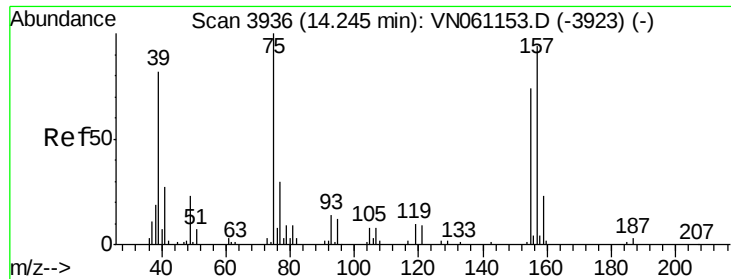
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#91
1,2-Dichlorobenzene
Concen: 52.114 ug/l
RT: 13.63 min Scan# 3744
Delta R.T. 0.00 min
Lab File: VN061278.D
Acq: 4 May 2020 15:17

Tgt Ion:146 Resp: 128364
Ion Ratio Lower Upper
146 100
111 43.9 21.8 65.3
148 64.2 31.6 95.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 53.943 ug/l

RT: 14.24 min Scan# 3935

Delta R.T. -0.00 min

Lab File: VN061278.D

Acq: 4 May 2020 15:17

Instrument :

MSVOA_N

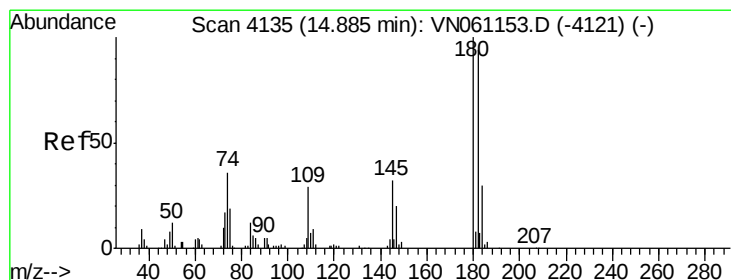
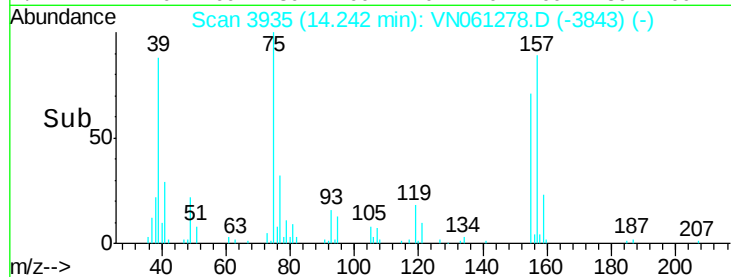
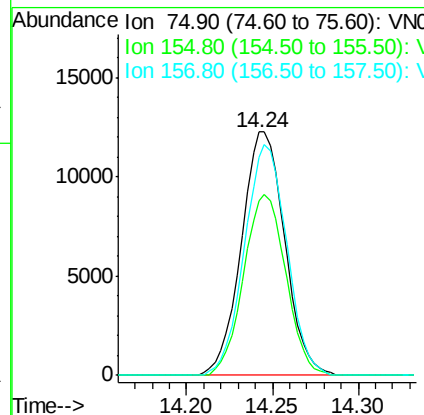
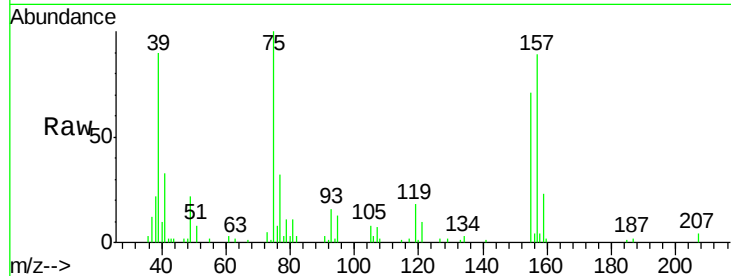
ClientSampleId :

SS040MW015-200428MS

Tot Ion:	75	Resp:	21474
Ion Ratio	Lower	Upper	
75	100		
155	72.1	36.5	109.7
157	92.2	46.6	139.7

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#93

1,2,4-Trichlorobenzene

Concen: 52.090 ug/l

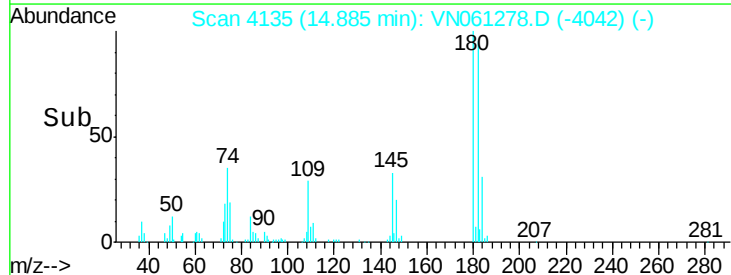
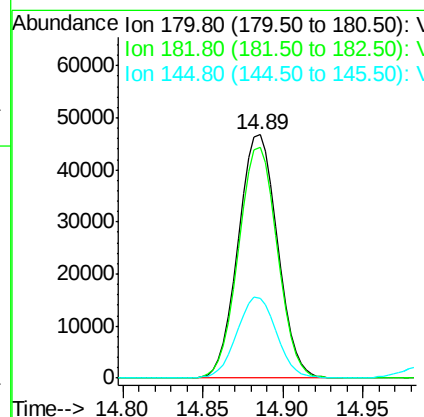
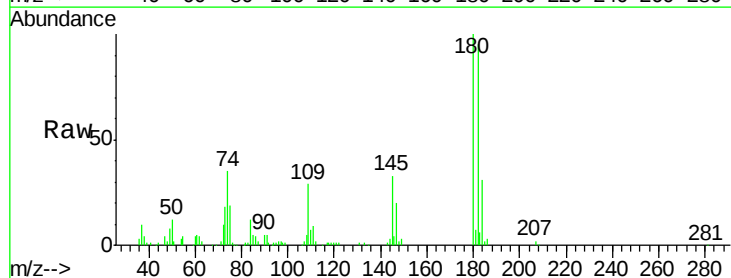
RT: 14.89 min Scan# 4135

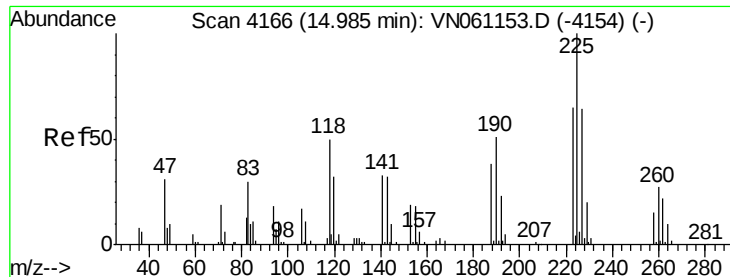
Delta R.T. 0.00 min

Lab File: VN061278.D

Acq: 4 May 2020 15:17

Tgt Ion:	180	Resp:	78131
Ion Ratio	Lower	Upper	
180	100		
182	93.9	47.3	141.9
145	33.6	16.0	47.9





#94

Hexachlorobutadiene

Concen: 54.180 ug/l

RT: 14.98 min Scan# 4166

Delta R.T. 0.00 min

Lab File: VN061278.D

Acq: 4 May 2020 15:17

Instrument :

MSVOA_N

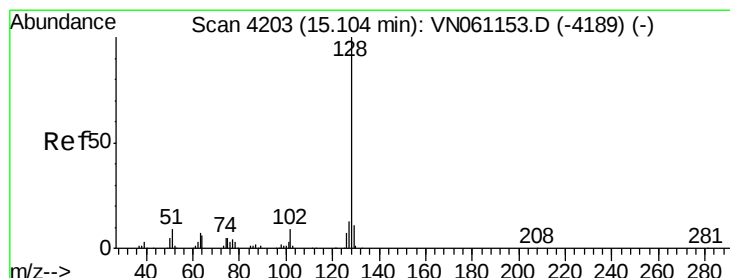
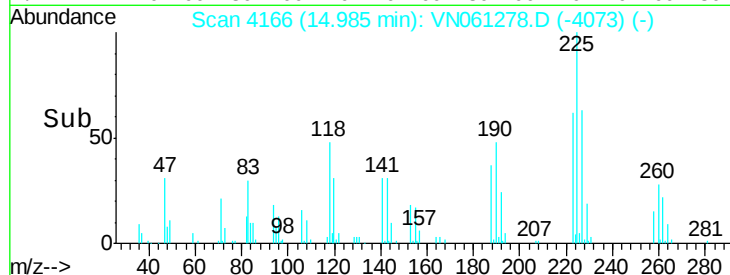
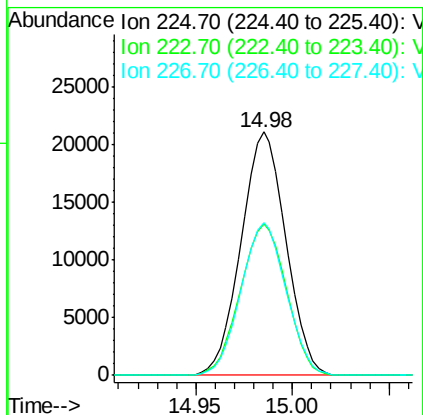
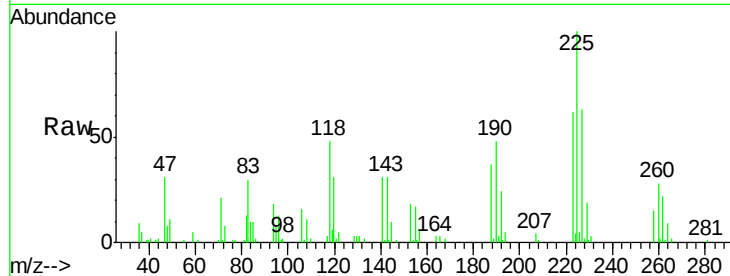
ClientSampleId :

SS040MW015-200428MS

Tot Ion:	225	Resp:	33950
Ion Ratio		Lower	Upper
225	100		
223	63.9	32.4	97.0
227	63.2	32.4	97.0

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#95

Naphthalene

Concen: 50.860 ug/l

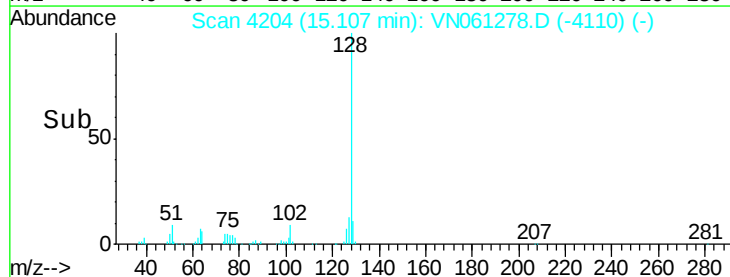
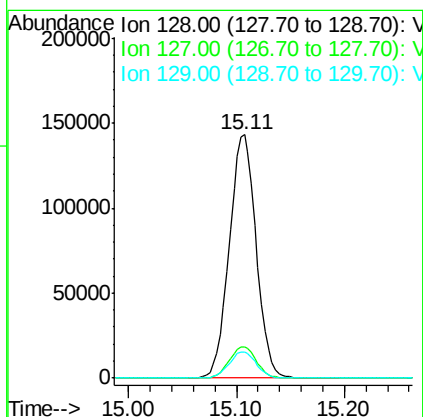
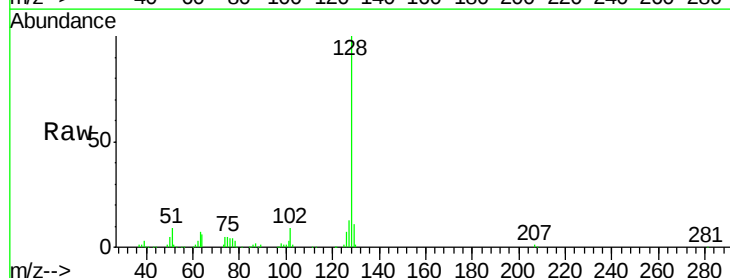
RT: 15.11 min Scan# 4204

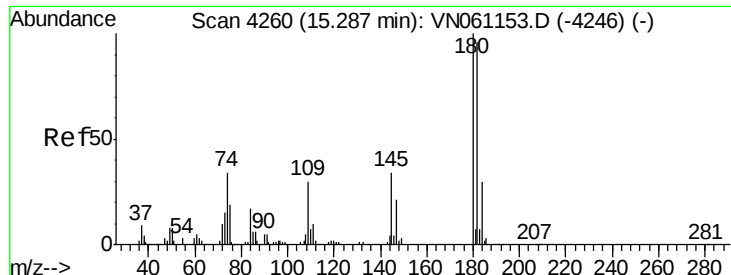
Delta R.T. 0.00 min

Lab File: VN061278.D

Acq: 4 May 2020 15:17

Tgt Ion:	128	Resp:	248443
Ion Ratio		Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.9	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 50.888 ug/l
 RT: 15.29 min Scan# 4260
 Delta R.T. 0.00 min
 Lab File: VN061278.D
 Acq: 4 May 2020 15:17

Instrument :
 MSVOA_N
 ClientSampleId :
 SS040MW015-200428MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.9	47.5	142.5	
145	34.7	16.9	50.7	

Manual Integrations
 APPROVED

MMDadoda
 5/5/2020 11:36:14 AM

