

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX090320\
 Data File : VX018222.D
 Acq On : 03 Sep 2020 09:23
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/4/2020 9:28:47 AM

Quant Time: Sep 04 01:52:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	457774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	685655	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	649017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	349099	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	308828	48.60	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.20%	
35) Dibromofluoromethane	5.46	113	238457	51.07	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	102.14%	
50) Toluene-d8	8.70	98	852986	49.04	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.08%	
62) 4-Bromofluorobenzene	11.12	95	325782	47.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	278909	50.042	ug/l	99
3) Chloromethane	1.31	50	255664	43.510	ug/l	97
4) Vinyl Chloride	1.39	62	258225	44.146	ug/l	96
5) Bromomethane	1.64	94	180931	64.130	ug/l	96
6) Chloroethane	1.71	64	144898	46.122	ug/l	100
7) Trichlorofluoromethane	1.92	101	442320	55.457	ug/l	97
8) Diethyl Ether	2.17	74	133841	49.481	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	229176	53.148	ug/l	99
10) Methyl Iodide	2.49	142	213474	46.666	ug/l	97
11) Tert butyl alcohol	3.04	59	251713	203.708	ug/l	98
12) 1,1-Dichloroethene	2.36	96	213793	47.790	ug/l	96
13) Acrolein	2.28	56	94946	185.312	ug/l	99
14) Allyl chloride	2.71	41	382204	47.553	ug/l	96
15) Acrylonitrile	3.12	53	600636	214.288	ug/l	99
16) Acetone	2.43	43	498835	201.442	ug/l	97
17) Carbon Disulfide	2.55	76	609931	45.101	ug/l	99
18) Methyl Acetate	2.75	43	290965	48.692	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	762122	49.675	ug/l	98
20) Methylene Chloride	2.83	84	240416	47.422	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	235164	47.447	ug/l	96
22) Diisopropyl ether	3.82	45	758506	47.815	ug/l	# 83
23) Vinyl Acetate	3.78	43	3367353	238.560	ug/l	99
24) 1,1-Dichloroethane	3.67	63	431609	47.797	ug/l	98
25) 2-Butanone	4.64	43	844309	207.460	ug/l	98
26) 2,2-Dichloropropane	4.55	77	410597	55.884	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	260539	45.624	ug/l	98
28) Bromochloromethane	4.98	49	200209	45.932	ug/l	97
29) Tetrahydrofuran	5.09	42	536392	207.043	ug/l	98
30) Chloroform	5.17	83	460747	49.276	ug/l	99
31) Cyclohexane	5.55	56	355412	46.724	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	430656	50.189	ug/l	99
36) 1,1-Dichloropropene	5.77	75	333856	52.791	ug/l	99
37) Ethyl Acetate	4.79	43	332490	45.267	ug/l	99
38) Carbon Tetrachloride	5.75	117	401428	56.325	ug/l	95

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Quant Time: Sep 04 01:52:05 2020
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	368754	53.325	ug/l	98
40) Benzene	6.11	78	944251	50.813	ug/l	99
41) Methacrylonitrile	4.99	41	186399	46.219	ug/l	99
42) 1,2-Dichloroethane	6.16	62	384936	54.066	ug/l	97
43) Isopropyl Acetate	6.41	43	546065	46.029	ug/l	99
44) Trichloroethene	7.19	130	275023	52.378	ug/l	99
45) 1,2-Dichloropropane	7.49	63	255982	51.111	ug/l	97
46) Dibromomethane	7.63	93	179798	51.051	ug/l	99
47) Bromodichloromethane	7.87	83	379378	53.948	ug/l	100
48) Methyl methacrylate	7.74	41	275573	46.661	ug/l	98
49) 1,4-Dioxane	7.74	88	94928	887.352	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1709712	233.303	ug/l	100
52) Toluene	8.76	92	605236	51.364	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	412881	52.975	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	425284	51.510	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	253469	50.437	ug/l	99
56) Ethyl methacrylate	9.16	69	358845	48.032	ug/l	98
57) 1,3-Dichloropropane	9.35	76	412704	49.791	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	744489	221.524	ug/l	98
59) 2-Hexanone	9.47	43	1333812	239.363	ug/l	99
60) Dibromochloromethane	9.57	129	307451	52.152	ug/l	99
61) 1,2-Dibromoethane	9.65	107	268284	49.172	ug/l	100
64) Tetrachloroethene	9.32	164	280536	58.820	ug/l	95
65) Chlorobenzene	10.12	112	660156	50.929	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	273125	53.461	ug/l	98
67) Ethyl Benzene	10.23	91	1162977	52.758	ug/l	99
68) m/p-Xylenes	10.34	106	879421	106.885	ug/l	97
69) o-Xylene	10.68	106	408420	51.207	ug/l	95
70) Styrene	10.70	104	722658	53.204	ug/l	98
71) Bromoform	10.84	173	228511	52.439	ug/l	99
73) Isopropylbenzene	11.00	105	1175923	51.067	ug/l	100
74) N-amyl acetate	10.88	43	473115	43.304	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	349859	43.070	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	339166m	43.674	ug/l	
77) Bromobenzene	11.24	156	304470	47.834	ug/l	95
78) n-propylbenzene	11.34	91	1341317	51.301	ug/l	100
79) 2-Chlorotoluene	11.40	91	795668	49.256	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1002695	52.990	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	133113	46.295	ug/l	93
82) 4-Chlorotoluene	11.49	91	963289	50.162	ug/l	99
83) tert-Butylbenzene	11.76	119	933268	49.977	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	1012923	52.358	ug/l	100
85) sec-Butylbenzene	11.93	105	1128424	53.137	ug/l	99
86) p-Isopropyltoluene	12.05	119	1090309	55.894	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	562615	50.344	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	557606	49.833	ug/l	99
89) n-Butylbenzene	12.37	91	948649	53.283	ug/l	99
90) Hexachloroethane	12.58	117	202269	52.704	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	529324	50.318	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	88553	43.599	ug/l	97

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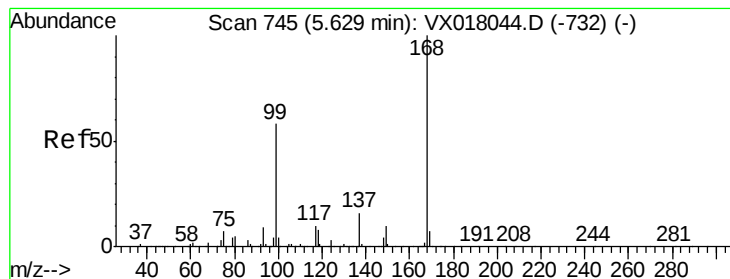
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	364908	52.020	ug/l	99
94) Hexachlorobutadiene	13.76	225	161564	58.393	ug/l	97
95) Naphthalene	13.82	128	1116367	48.357	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	359780	51.907	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 457774

Ion Ratio Lower Upper

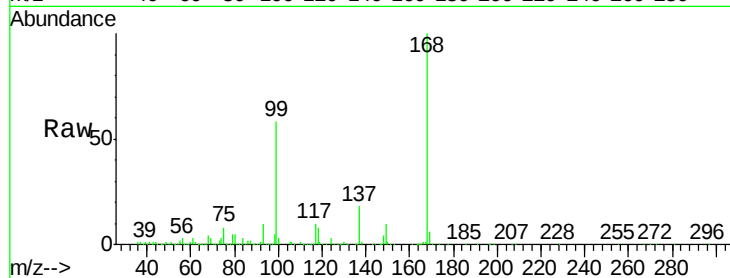
168 100

99 57.9 46.3 69.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

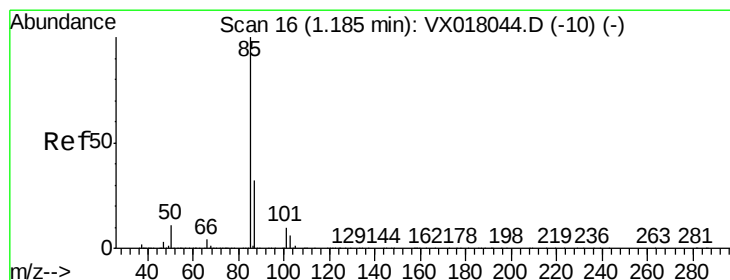
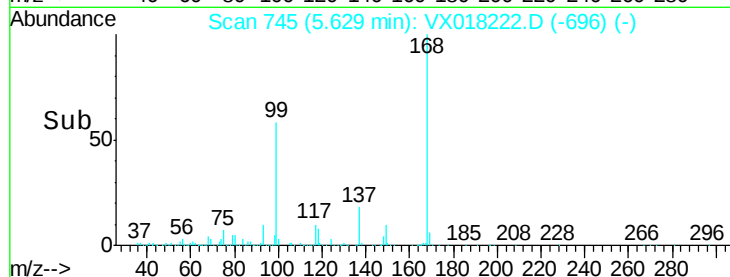
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.042 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018222.D

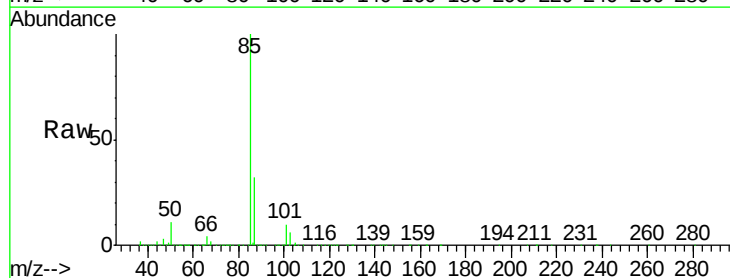
Acq: 03 Sep 2020 09:23

Tgt Ion: 85 Resp: 278909

Ion Ratio Lower Upper

85 100

87 32.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

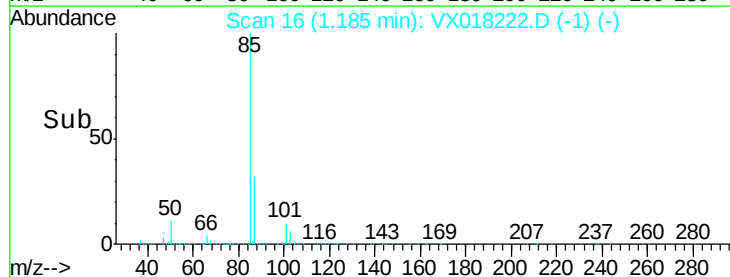
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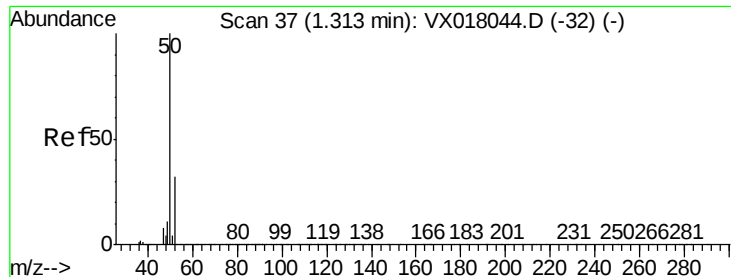
200000

100000

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Time-->





#3

Chloromethane

Concen: 43.510 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 255664

Ion Ratio Lower Upper

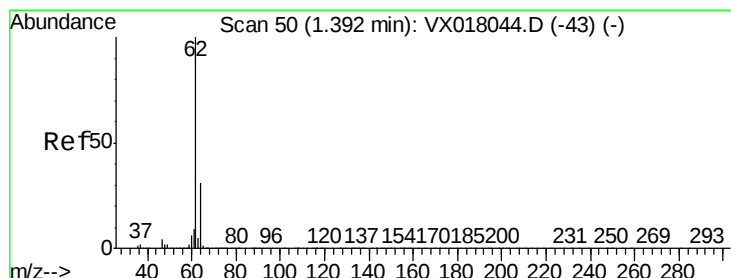
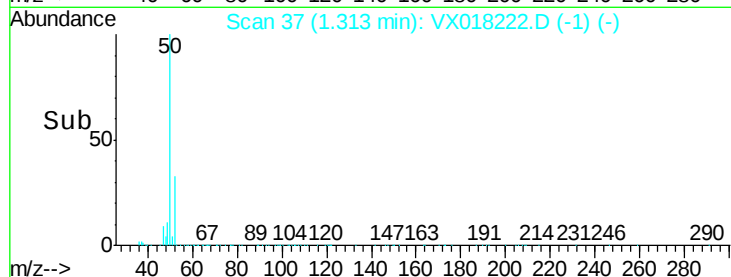
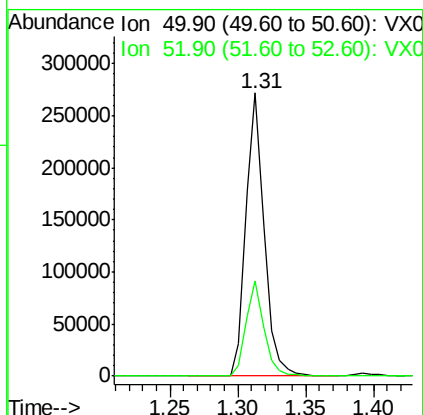
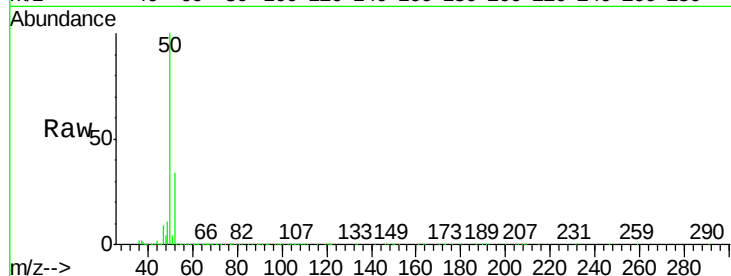
50 100

52 33.4 25.4 38.2

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#4

Vinyl Chloride

Concen: 44.146 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018222.D

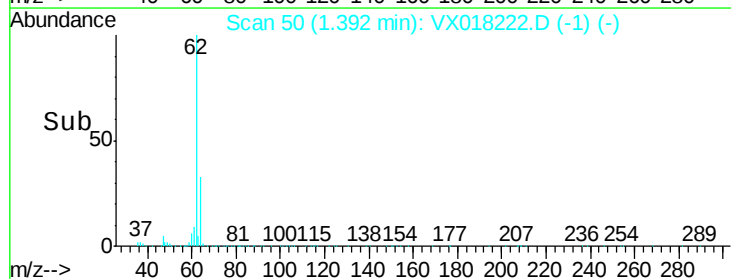
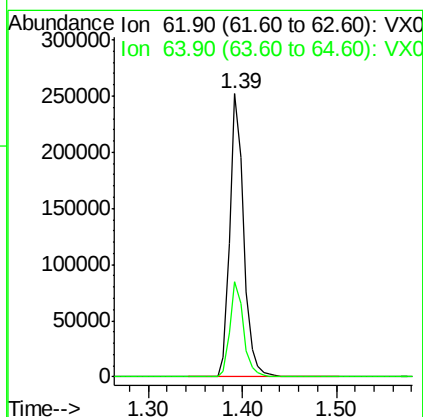
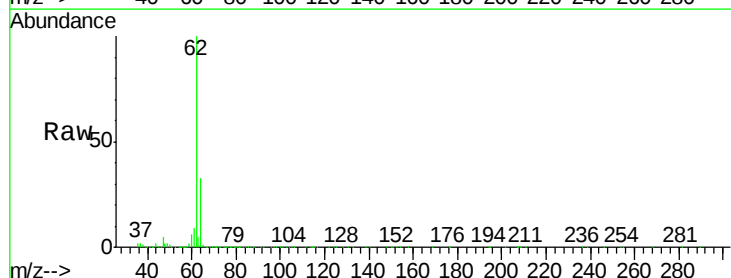
Acq: 03 Sep 2020 09:23

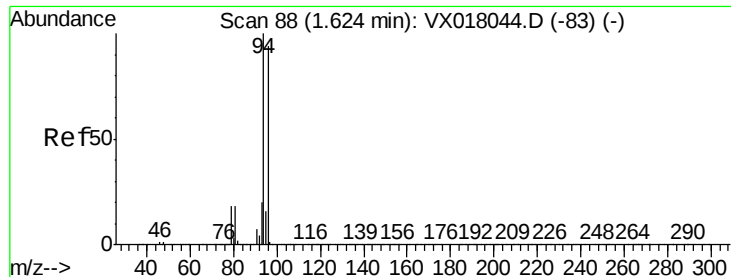
Tgt Ion: 62 Resp: 258225

Ion Ratio Lower Upper

62 100

64 33.4 25.1 37.7





#5

Bromomethane

Concen: 64.130 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

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ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 180931

Ion Ratio Lower Upper

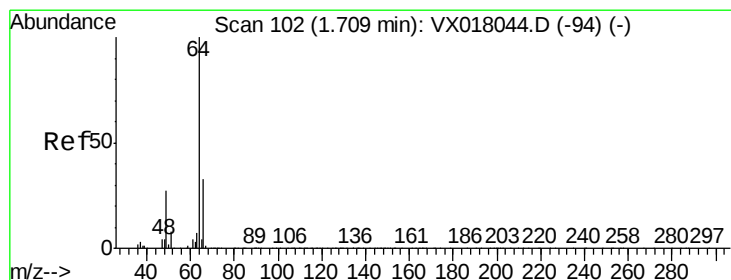
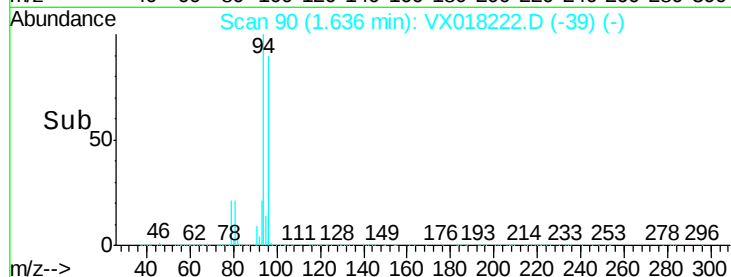
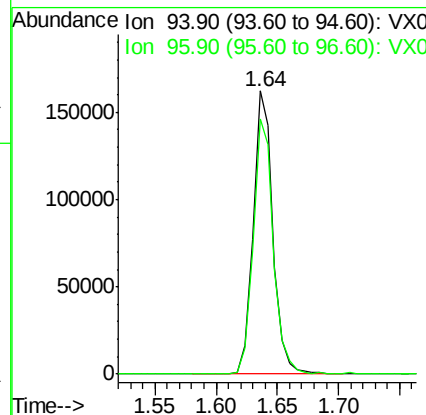
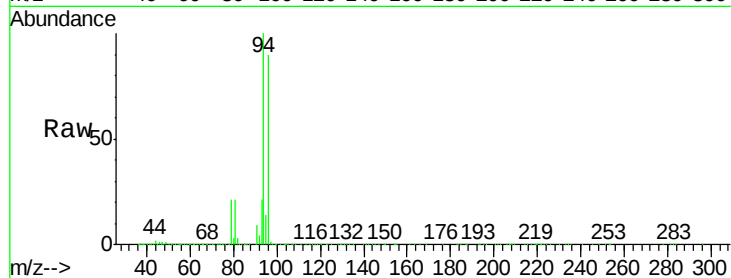
94 100

96 89.9 74.8 112.2

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#6

Chloroethane

Concen: 46.122 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018222.D

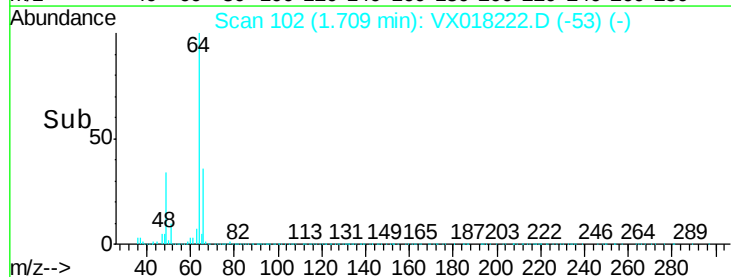
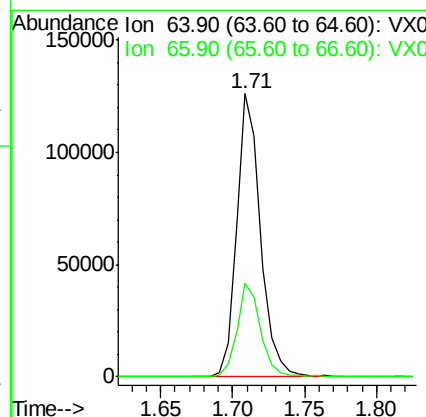
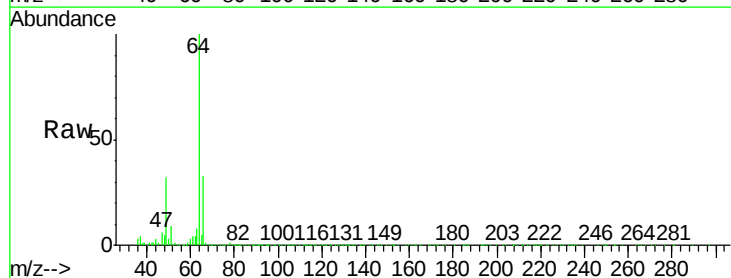
Acq: 03 Sep 2020 09:23

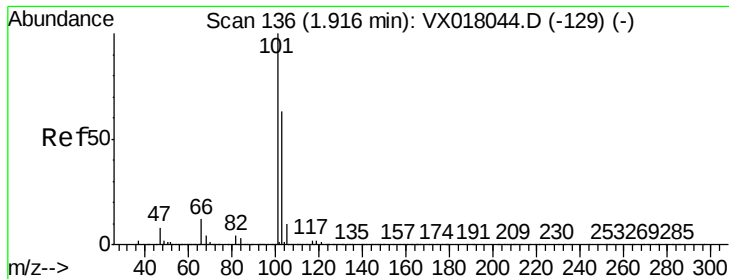
Tgt Ion: 64 Resp: 144898

Ion Ratio Lower Upper

64 100

66 33.3 26.6 39.8





#7

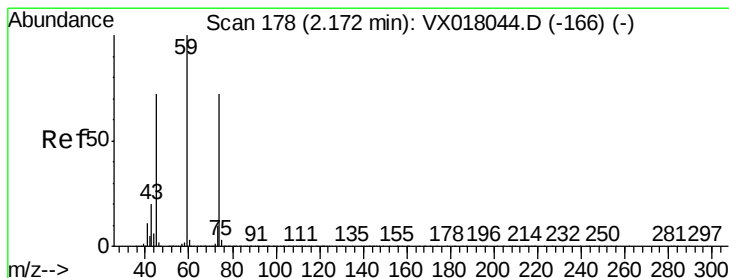
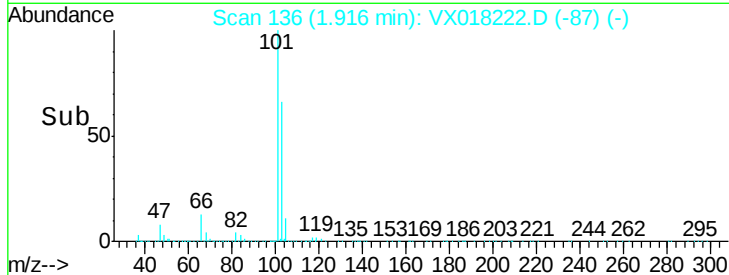
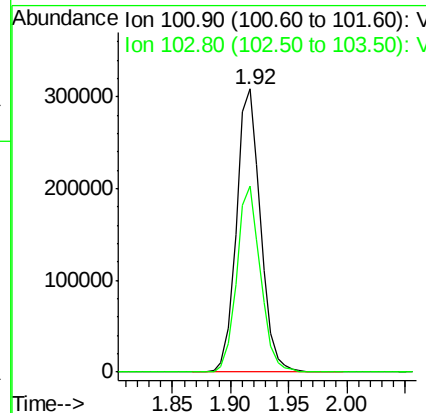
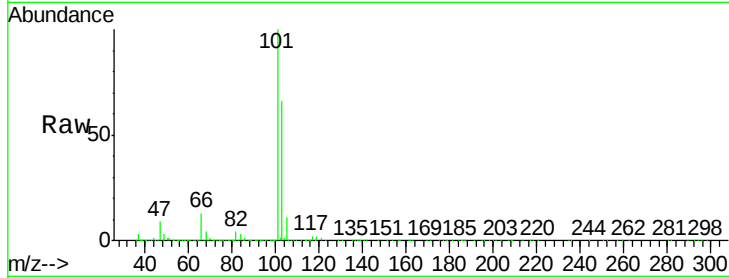
Trichlorofluoromethane
Concen: 55.457 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	50.7	76.1

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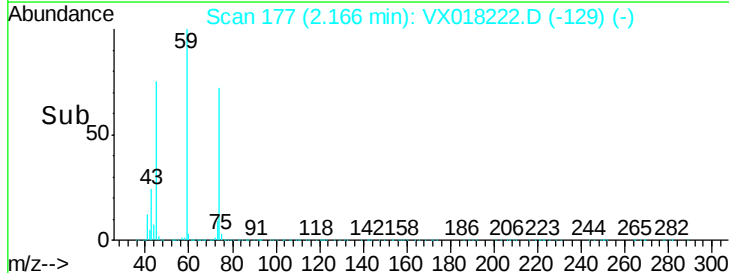
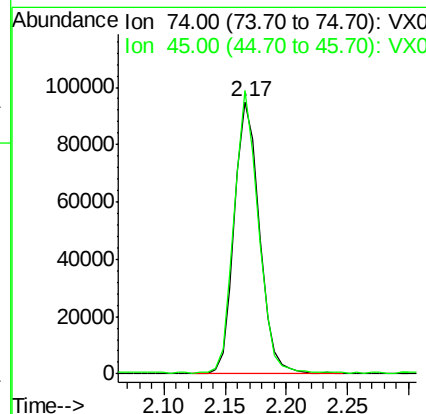
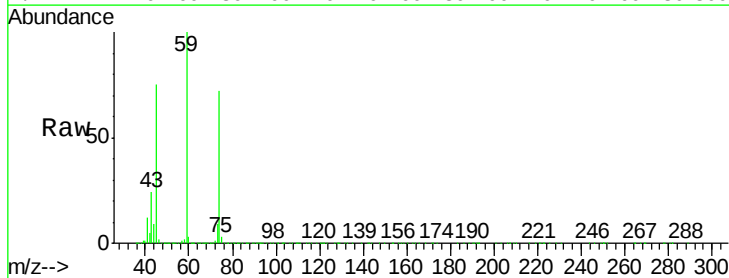
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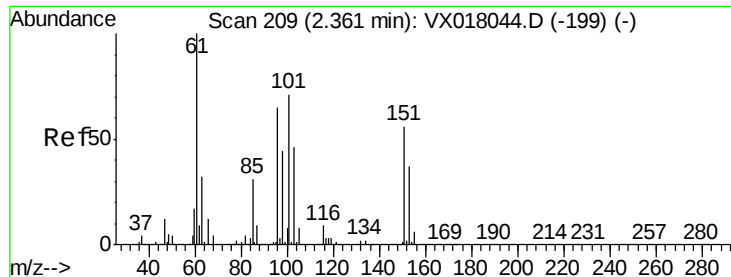


#8

Diethyl Ether
Concen: 49.481 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.4	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.148 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

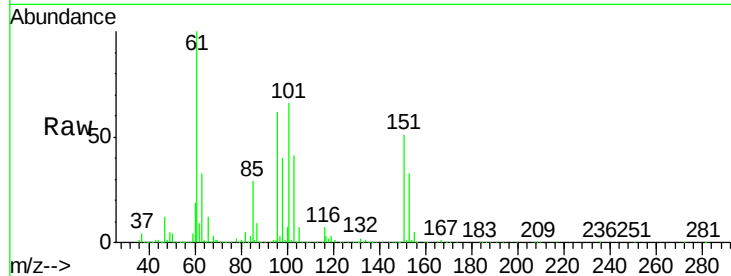
ClientSampleId :

VSTDCCC050

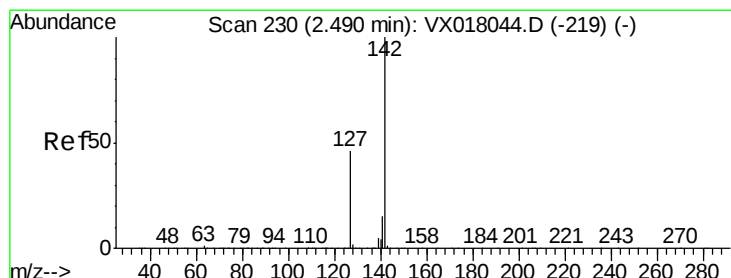
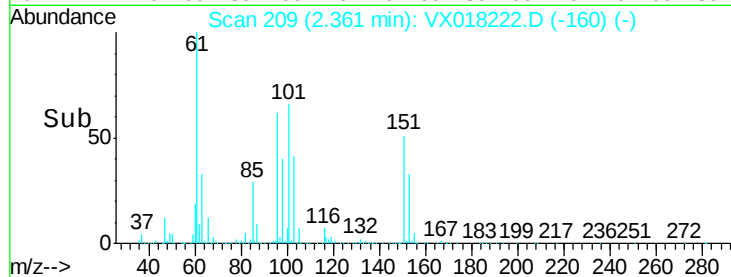
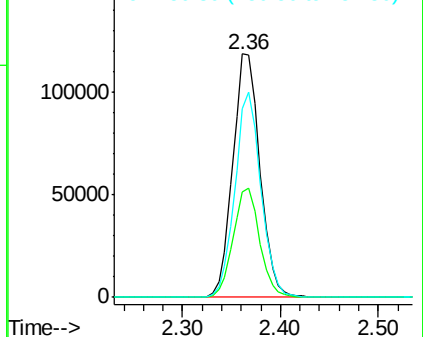
Tot Ion:	101	Resp:	229176
Ion Ratio	Lower	Upper	
101	100		
85	43.8	34.0	51.0
151	80.7	65.2	97.8

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.666 ug/l

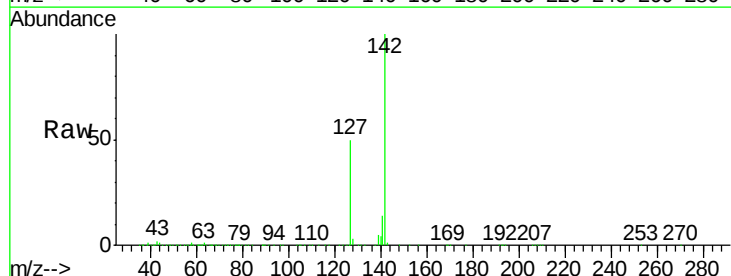
RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

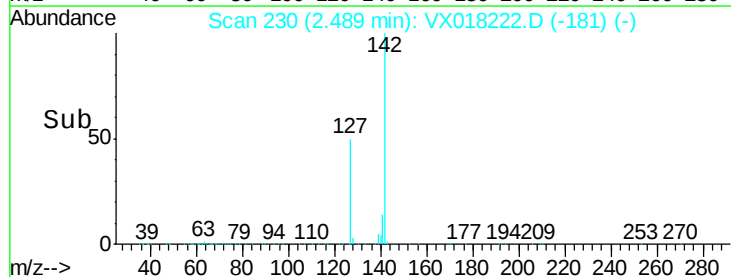
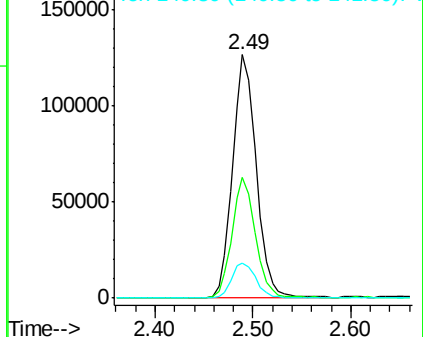
Lab File: VX018222.D

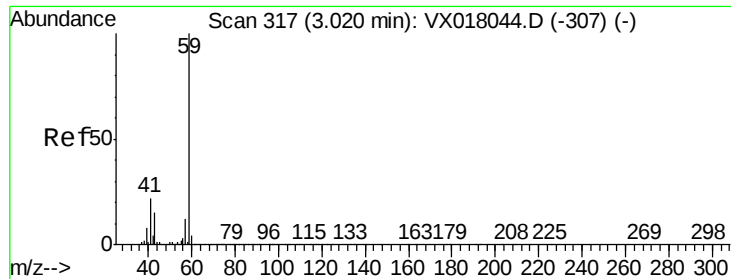
Acq: 03 Sep 2020 09:23

Tgt Ion:	142	Resp:	213474
Ion Ratio	Lower	Upper	
142	100		
127	48.9	37.0	55.6
141	14.9	11.5	17.3



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





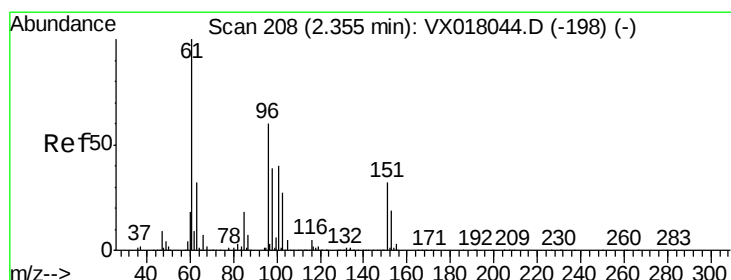
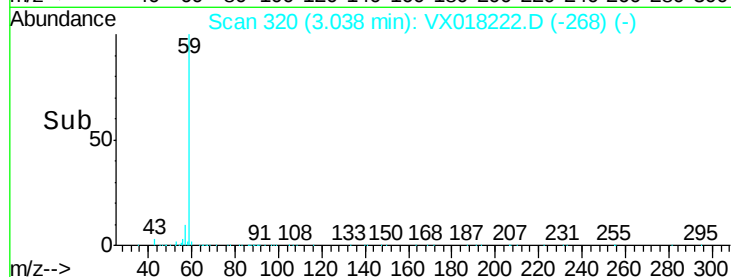
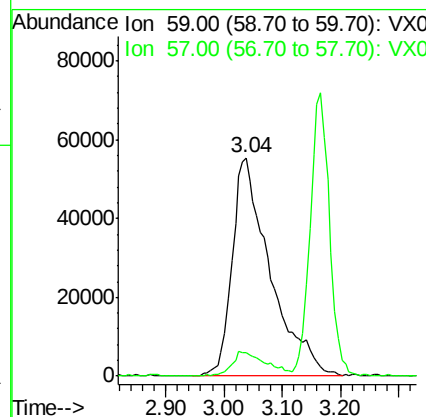
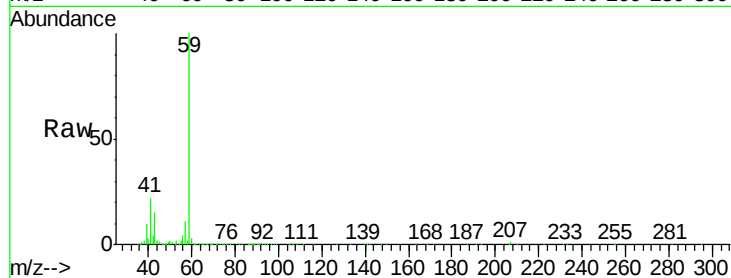
#11
Tert butyl alcohol
Concen: 203.708 ug/l
RT: 3.04 min Scan# 320
Delta R.T. 0.02 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.3	8.9	13.3

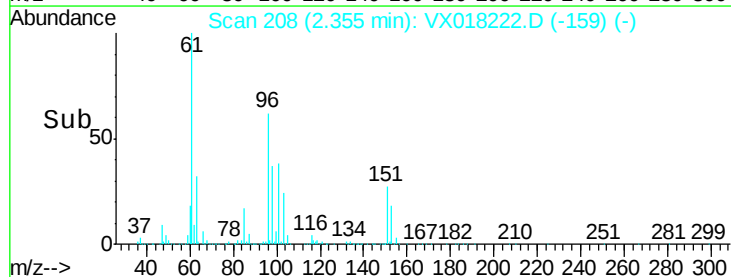
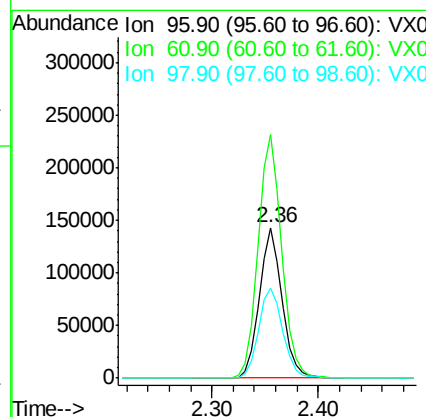
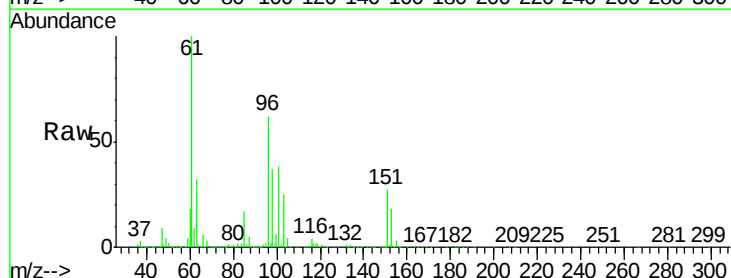
Manual Integrations
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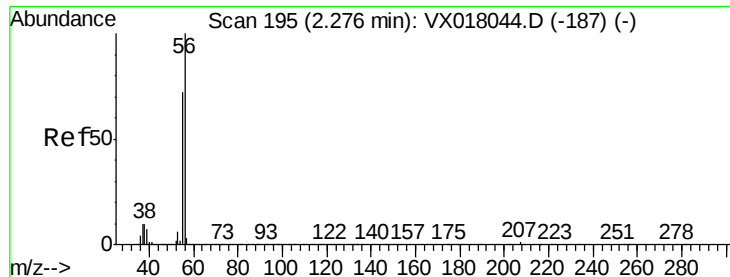
MMDadoda
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#12
1,1-Dichloroethene
Concen: 47.790 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	161.4	133.0	199.4
98	98	59.9	51.6	77.4





#13

Acrolein

Concen: 185.312 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 94946

Ion Ratio Lower Upper

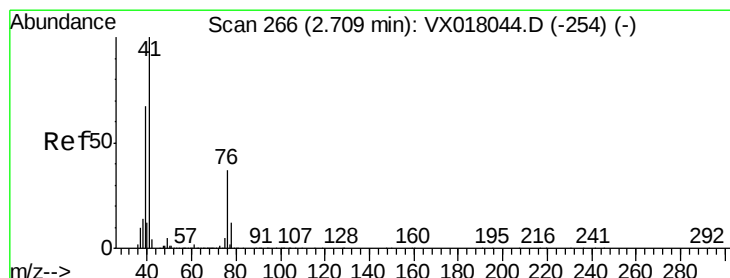
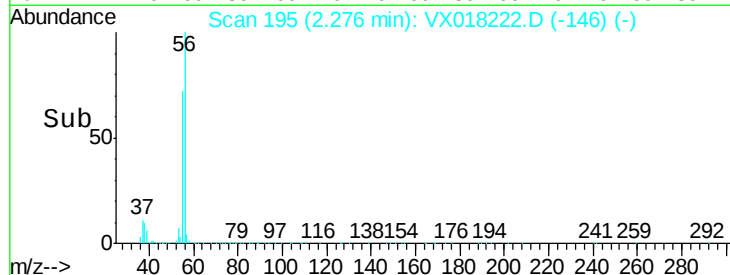
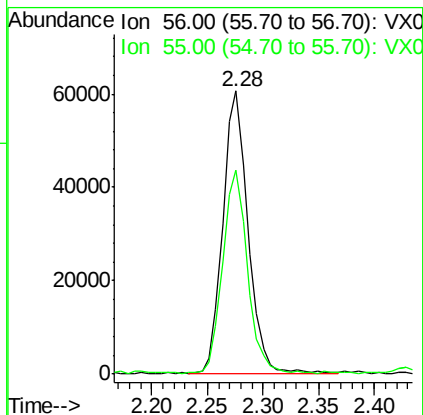
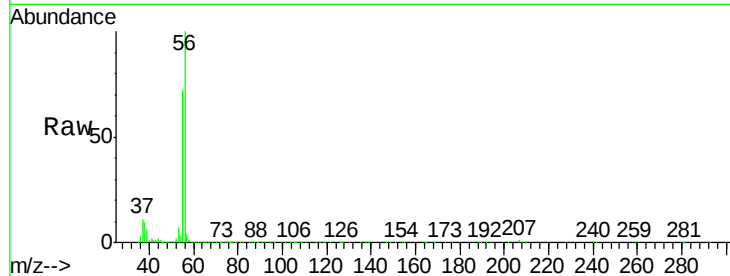
56 100

55 70.7 57.0 85.6

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#14

Allyl chloride

Concen: 47.553 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

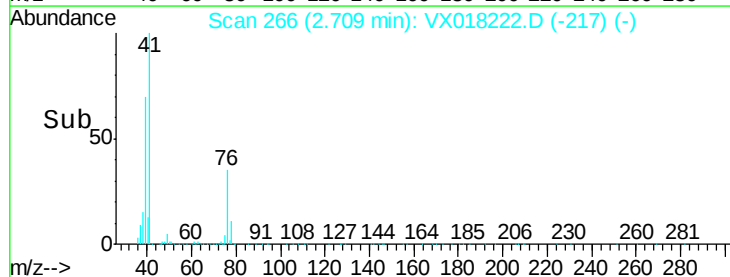
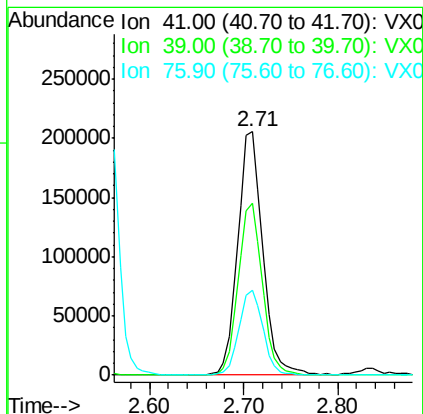
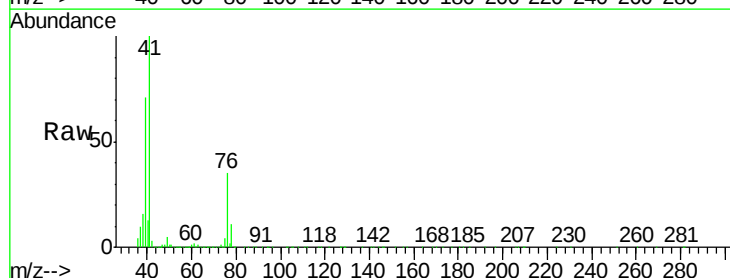
Tgt Ion: 41 Resp: 382204

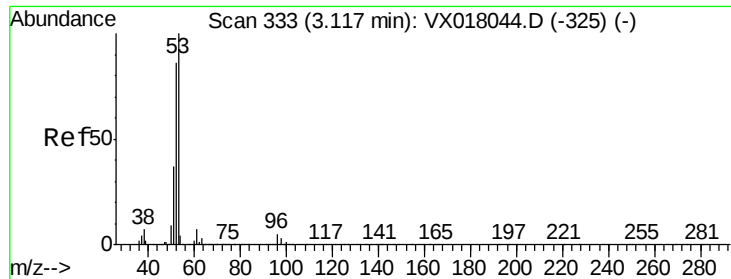
Ion Ratio Lower Upper

41 100

39 67.7 50.6 76.0

76 33.3 26.2 39.2





#15

Acrylonitrile

Concen: 214.288 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

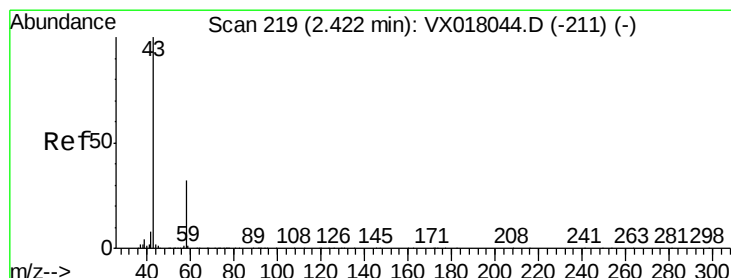
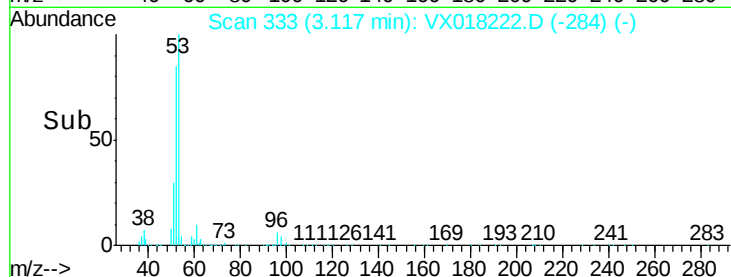
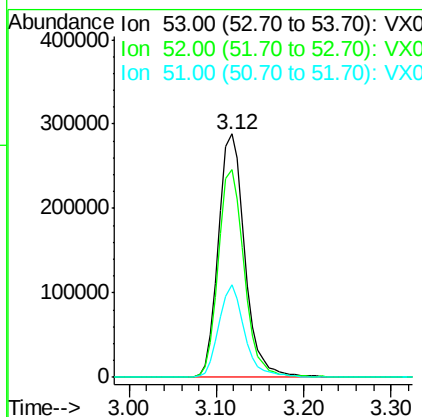
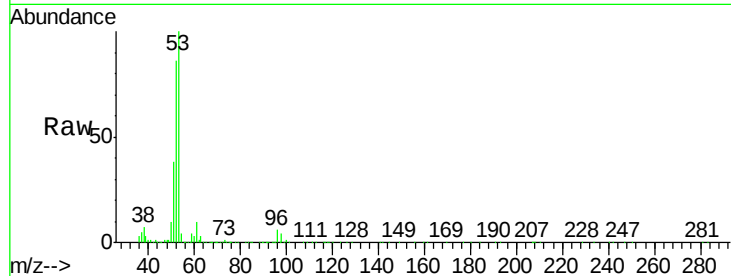
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	600636
Ion Ratio	Lower	Upper	
53	100		
52	83.6	66.9	100.3
51	37.0	28.7	43.1

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#16

Acetone

Concen: 201.442 ug/l

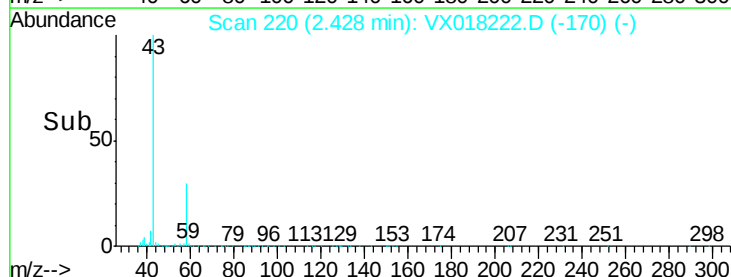
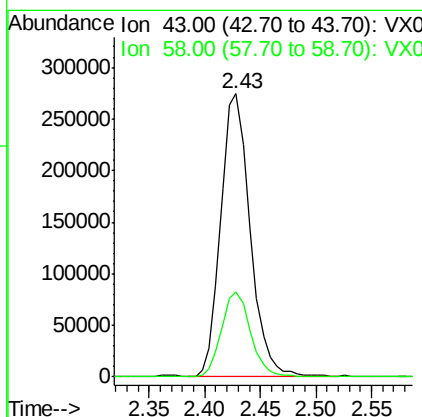
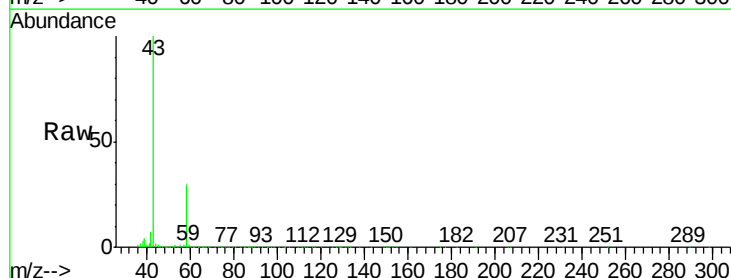
RT: 2.43 min Scan# 220

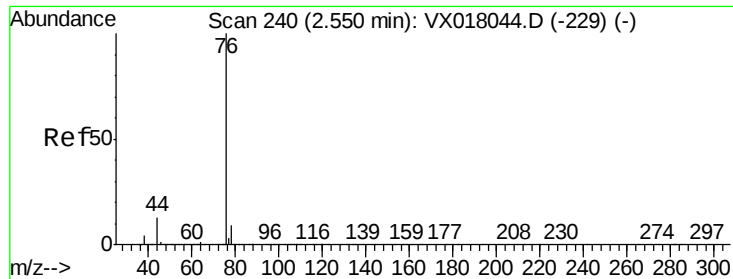
Delta R.T. 0.01 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Tgt Ion:	43	Resp:	498835
Ion Ratio	Lower	Upper	
43	100		
58	30.1	25.5	38.3





#17

Carbon Disulfide

Concen: 45.101 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 609931

Ion Ratio Lower Upper

76 100

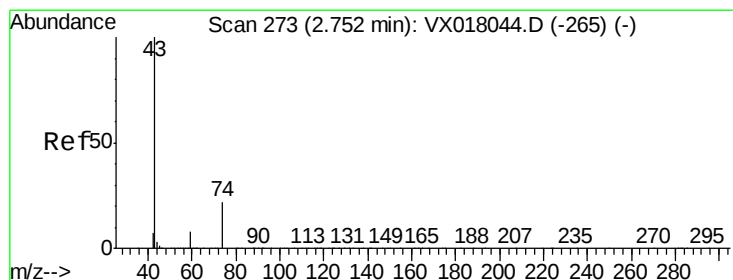
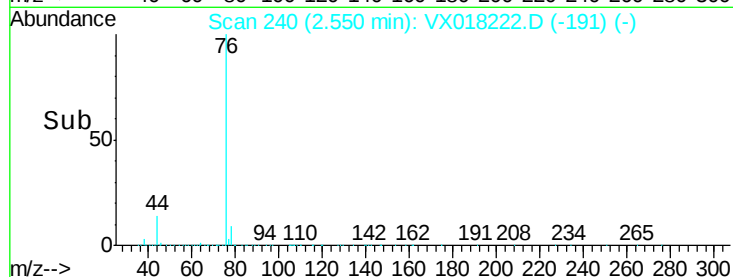
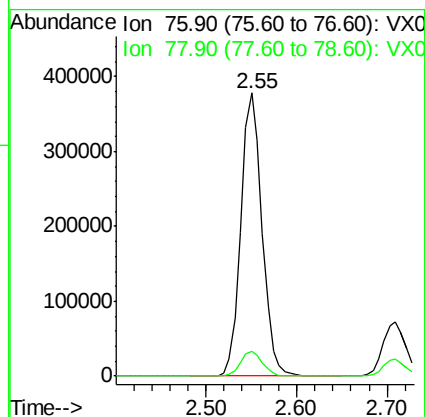
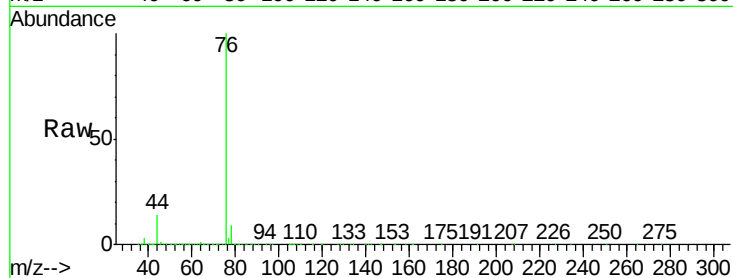
78 8.7 7.4 11.0

Manual Integrations

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#18

Methyl Acetate

Concen: 48.692 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018222.D

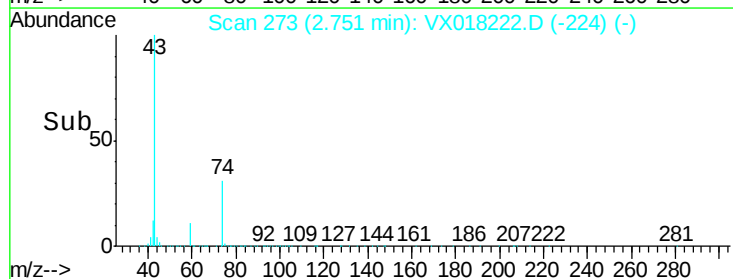
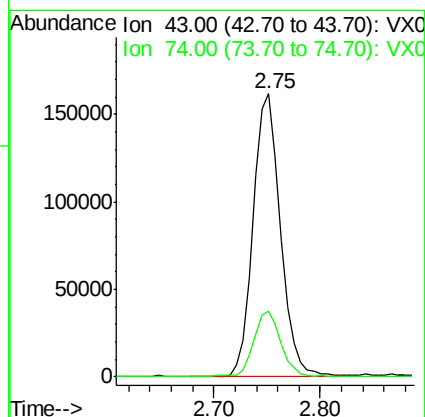
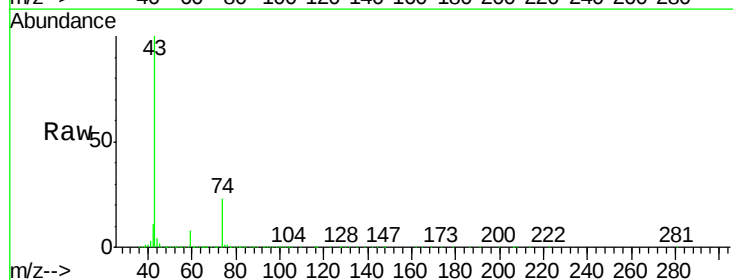
Acq: 03 Sep 2020 09:23

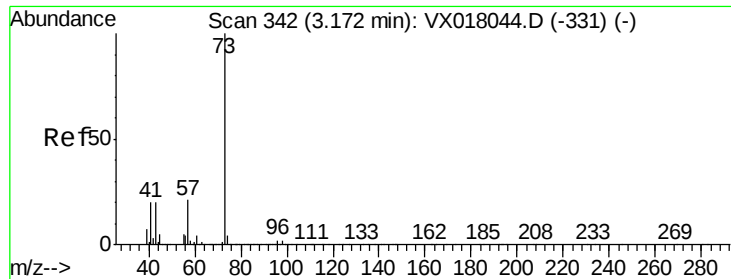
Tgt Ion: 43 Resp: 290965

Ion Ratio Lower Upper

43 100

74 23.4 18.2 27.4





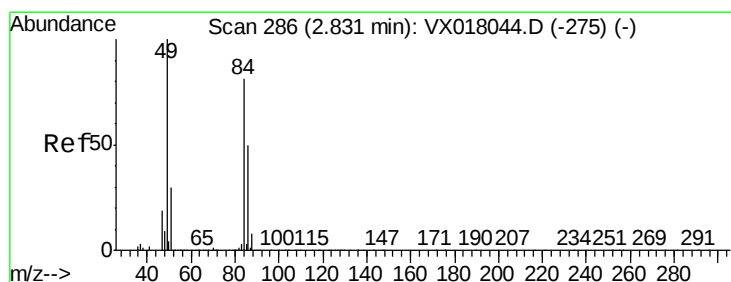
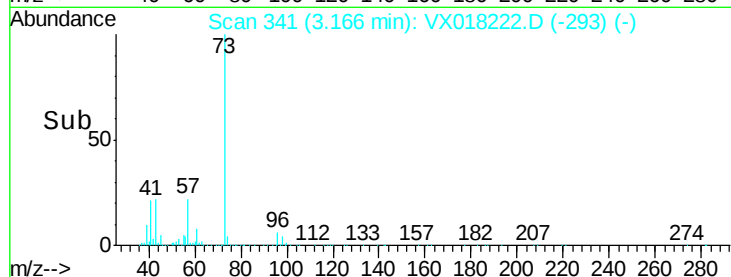
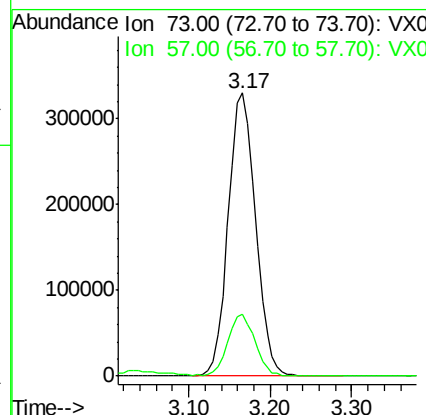
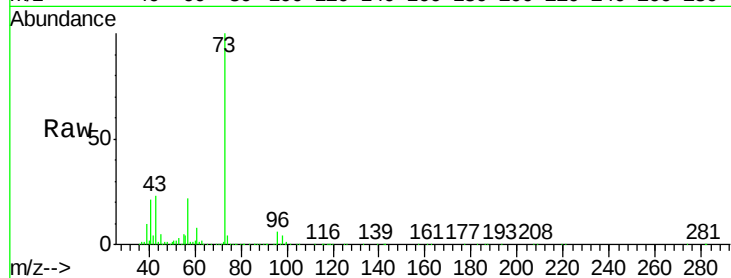
#19
Methyl tert-butyl Ether
Concen: 49.675 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	16.8	25.2

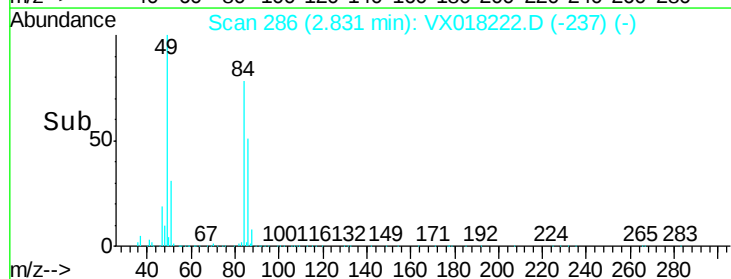
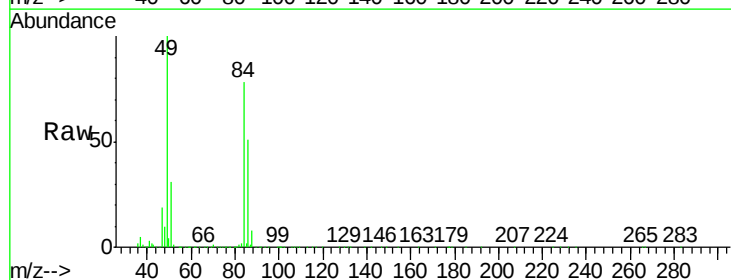
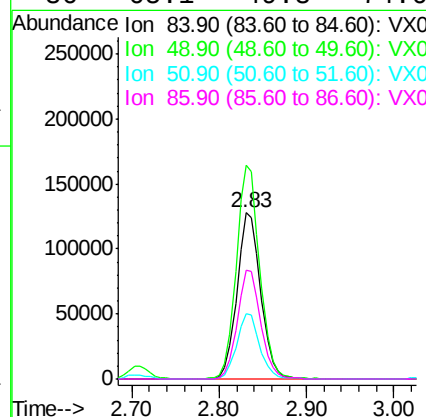
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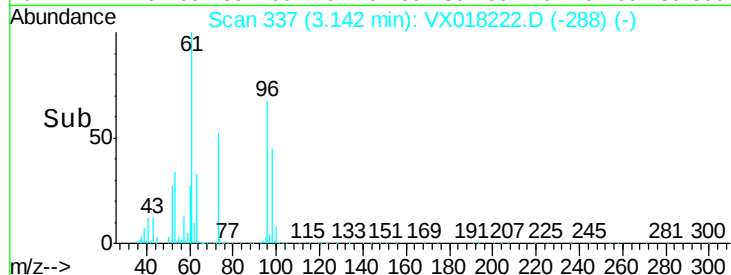
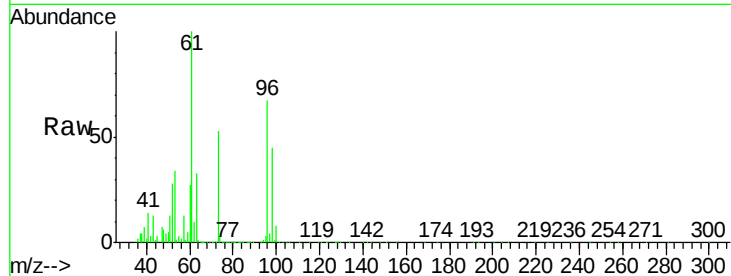
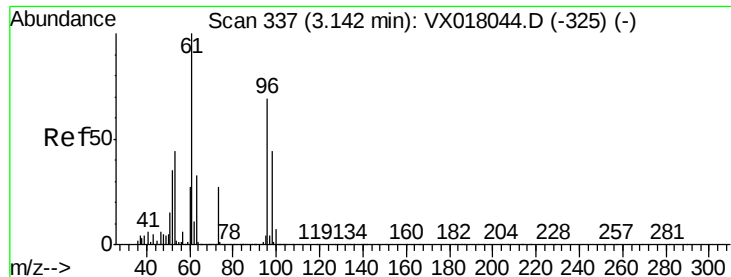
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#20
Methylene Chloride
Concen: 47.422 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.4	98.6	148.0
51	39.3	29.6	44.4
86	65.1	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 47.447 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Tot Ion:	96	Resp:	235164
Ion	Ratio	Lower	Upper
96	100		
61	149.0	115.4	173.0
98	67.2	51.1	76.7

Instrument :

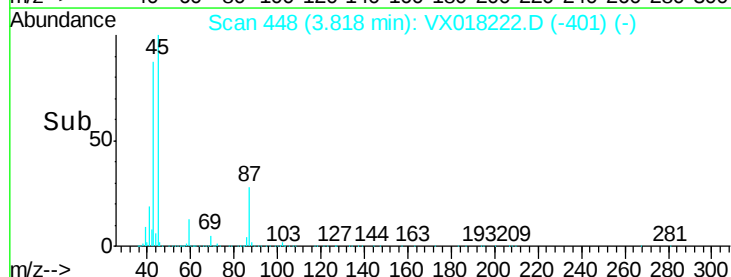
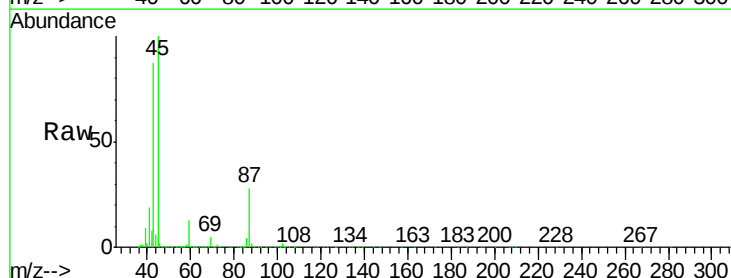
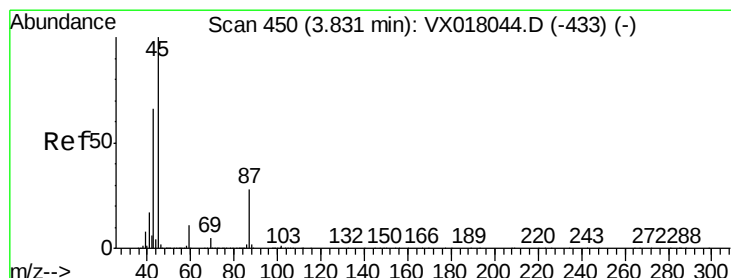
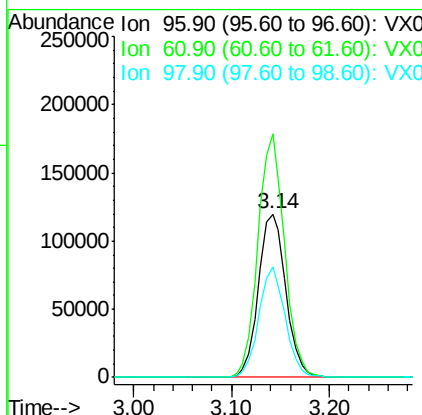
MSVOA_X

ClientSampleId :

VSTDCCC050

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#22

Diisopropyl ether

Concen: 47.815 ug/l

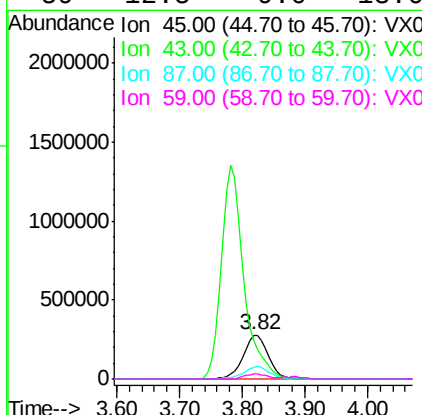
RT: 3.82 min Scan# 448

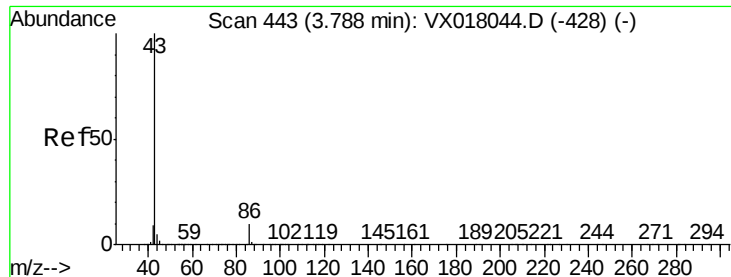
Delta R.T. -0.01 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Tgt Ion:	45	Resp:	758506
Ion	Ratio	Lower	Upper
45	100		
43	86.8	52.8	79.2#
87	27.6	22.5	33.7
59	12.5	9.0	13.6





#23

Vinyl Acetate

Concen: 238.560 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3367353

Ion Ratio Lower Upper

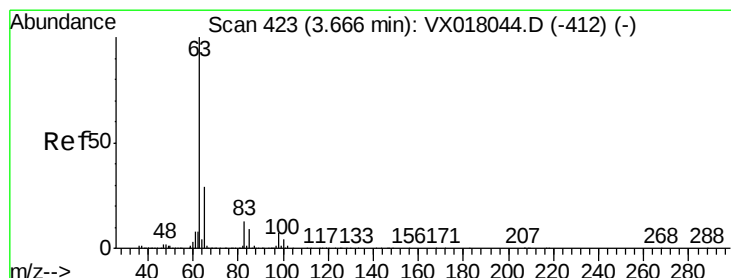
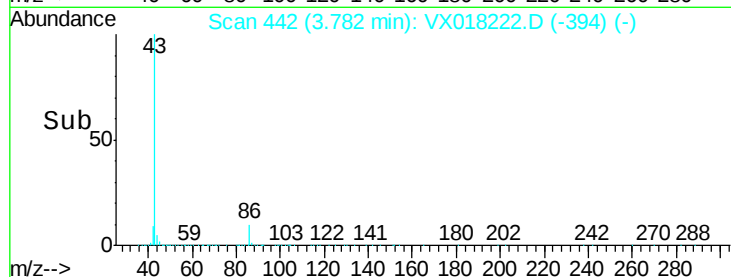
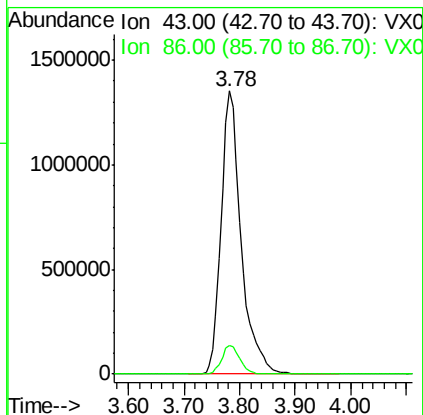
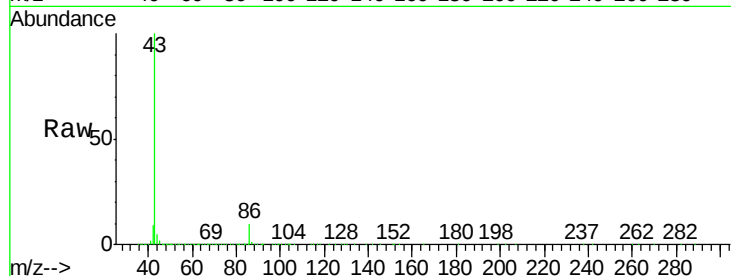
43 100

86 10.2 7.9 11.9

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#24

1,1-Dichloroethane

Concen: 47.797 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

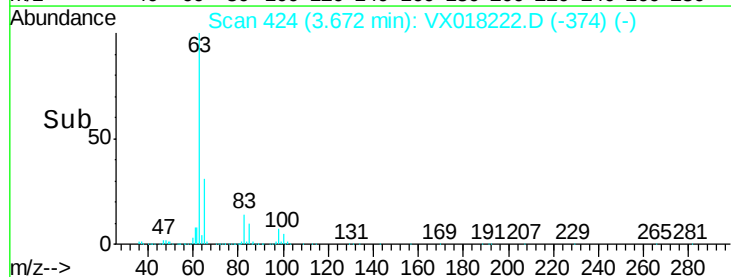
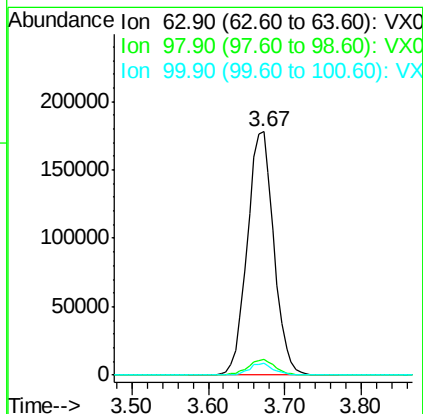
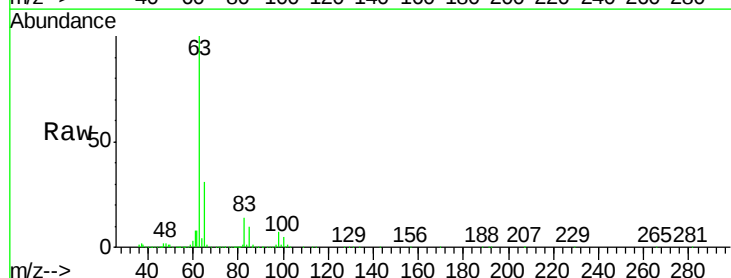
Tgt Ion: 63 Resp: 431609

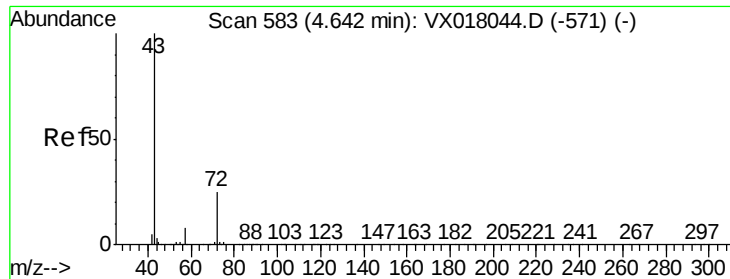
Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.8

100 4.7 2.0 6.0





#25

2-Butanone

Concen: 207.460 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Tot Ion: 43 Resp: 844309

Ion Ratio Lower Upper

43 100

72 25.7 19.8 29.6

Instrument :

MSVOA_X

ClientSampleId :

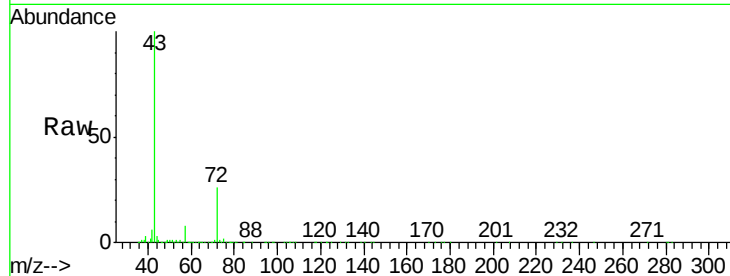
VSTDCCC050

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

300000

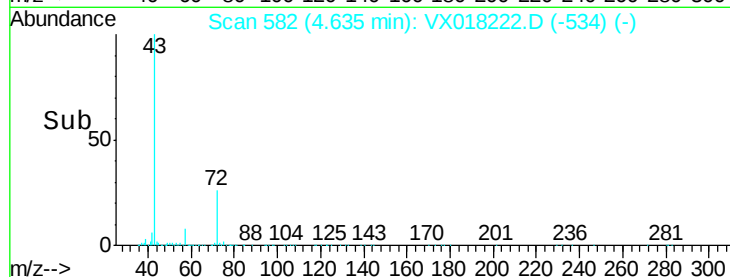
200000

100000

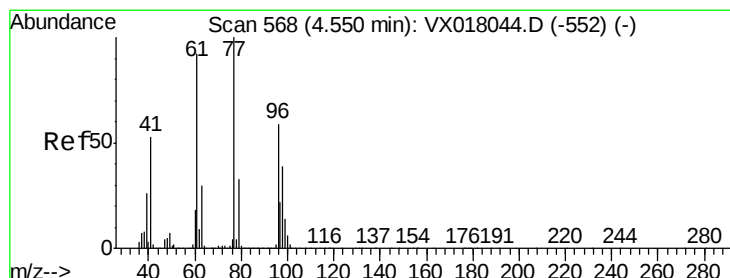
0

4.64

4.50 4.60 4.70



Time-->



#26

2,2-Dichloropropane

Concen: 55.884 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018222.D

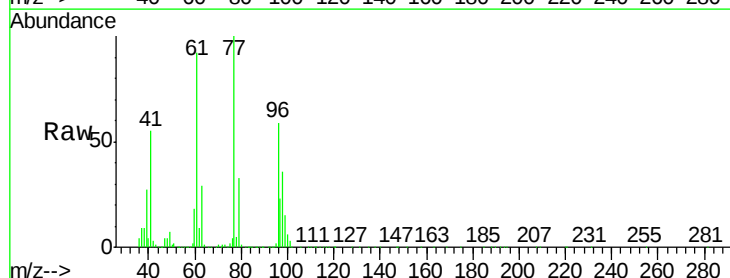
Acq: 03 Sep 2020 09:23

Tgt Ion: 77 Resp: 410597

Ion Ratio Lower Upper

77 100

97 22.3 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

150000

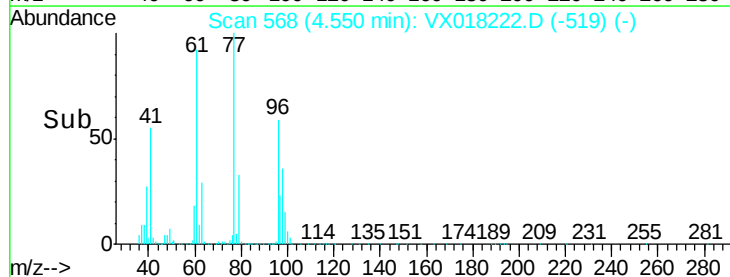
100000

50000

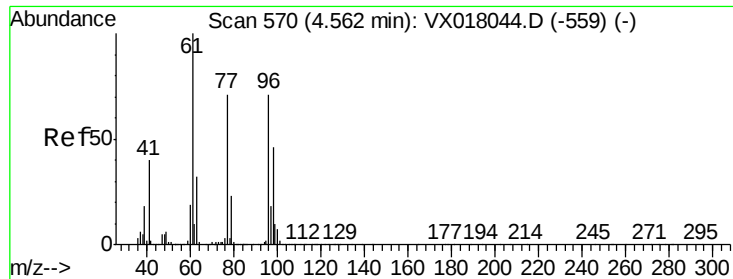
0

4.55

4.40 4.50 4.60



Time-->



#27

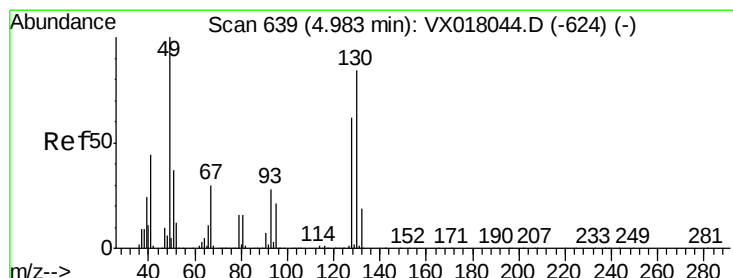
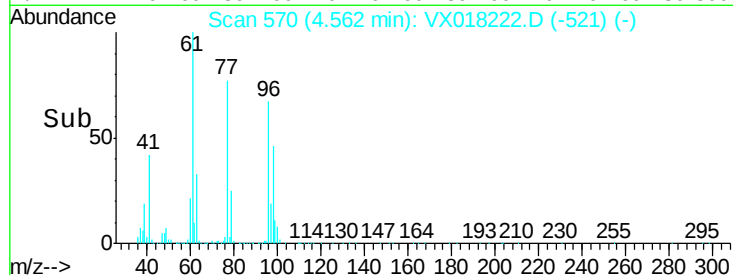
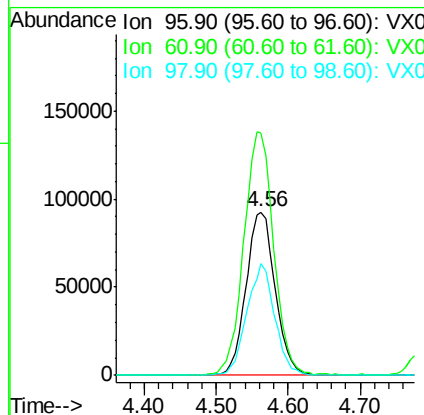
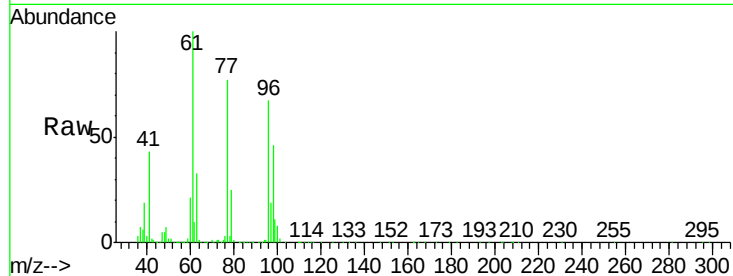
cis-1,2-Dichloroethene
Concen: 45.624 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	260539		
61	152.0	0.0	296.6	
98	65.4	0.0	130.2	

Manual Integrations
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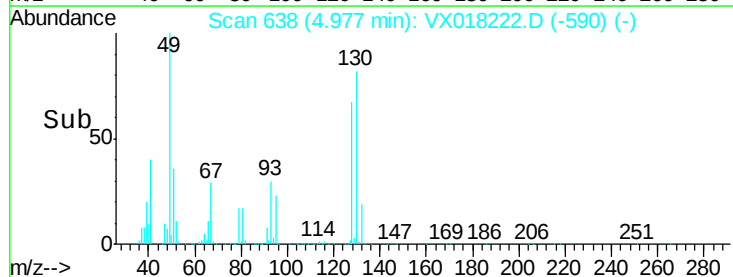
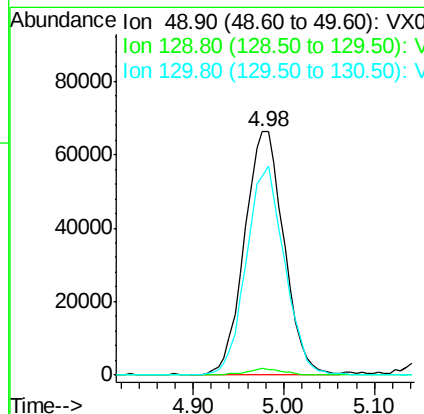
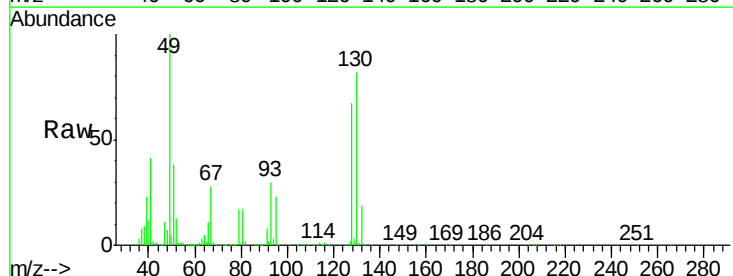
MMDadoda
9/4/2020 9:28:47 AM



#28

Bromochloromethane
Concen: 45.932 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	200209		
129	2.3	0.0	4.6	
130	83.1	64.6	96.8	





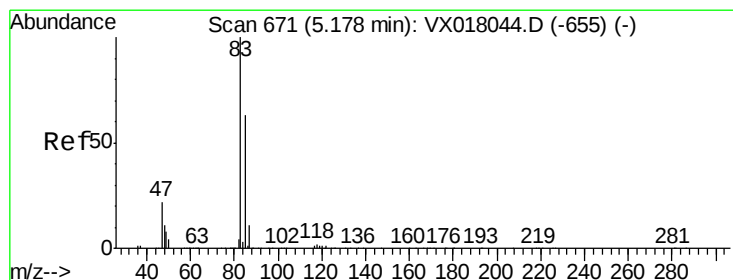
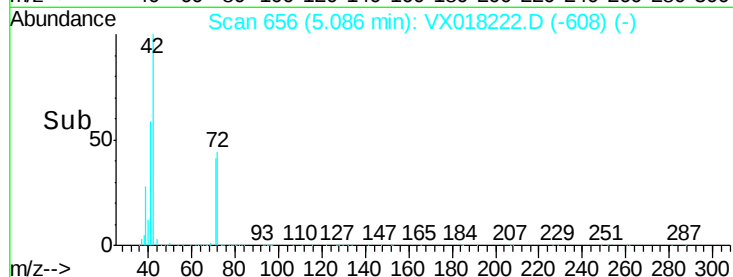
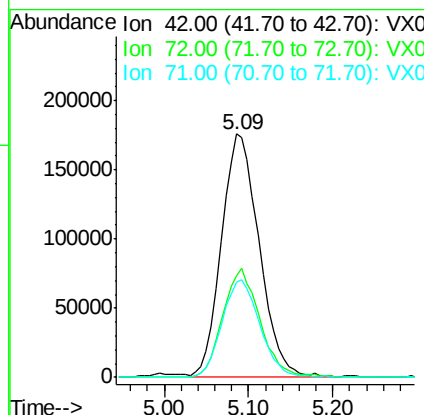
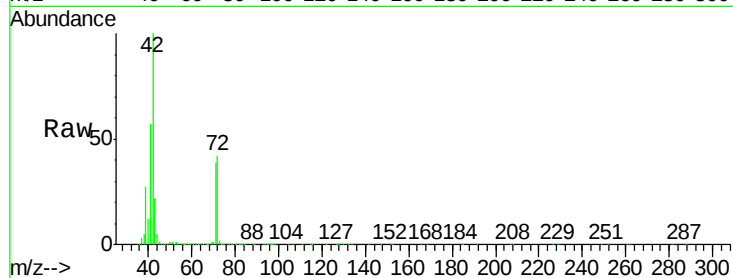
#29
Tetrahydrofuran
Concen: 207.043 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.4	34.2	51.4
71	40.5	32.1	48.1

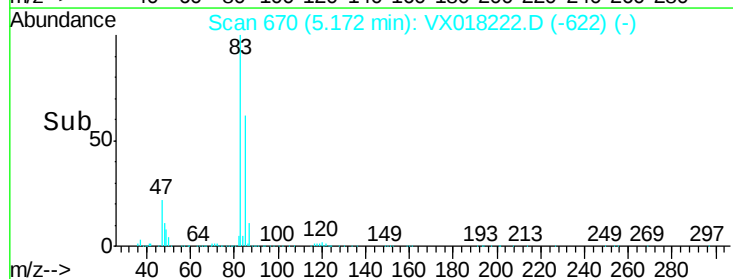
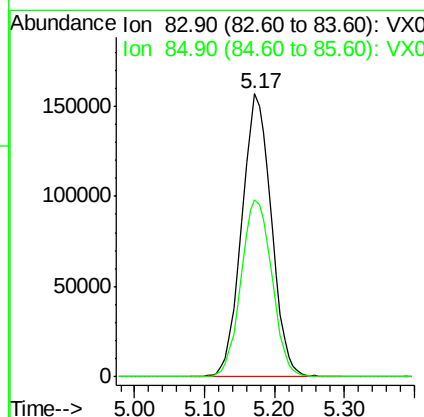
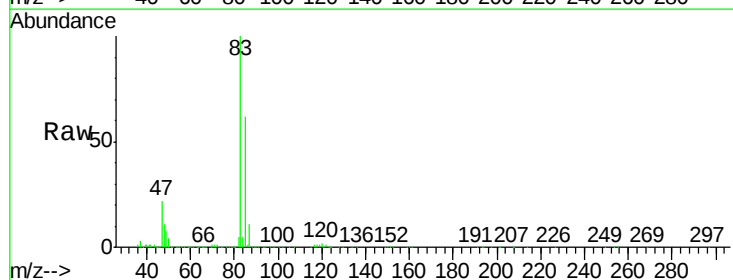
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9/4/2020 9:28:47 AM



#30
Chloroform
Concen: 49.276 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.5	50.7	76.1





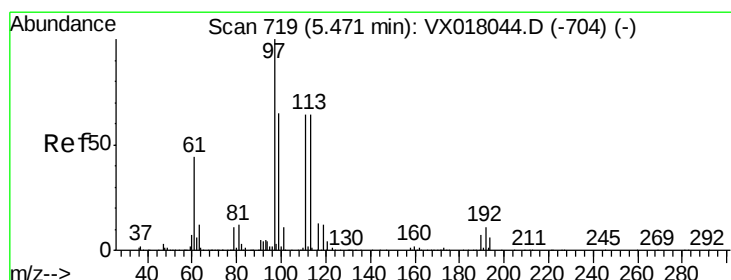
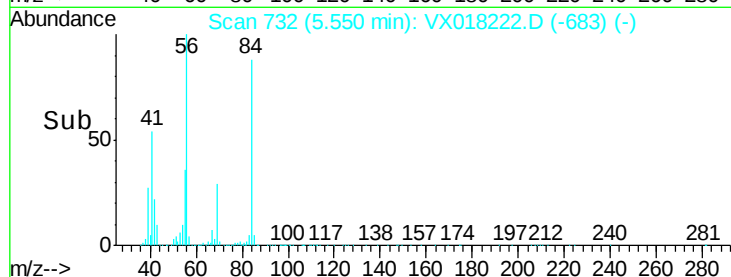
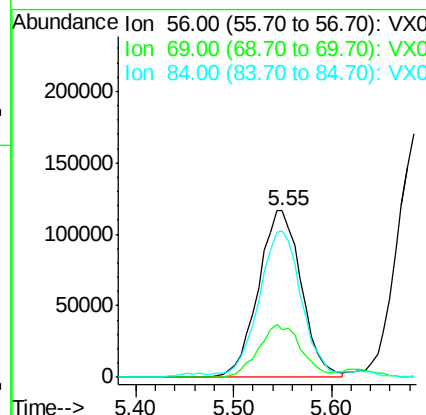
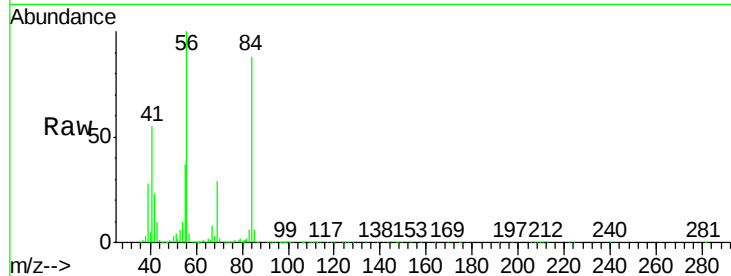
#31
Cyclohexane
Concen: 46.724 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.9	23.9	35.9
84	85.8	67.0	100.4

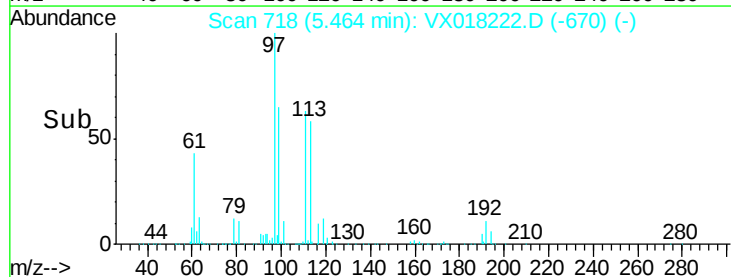
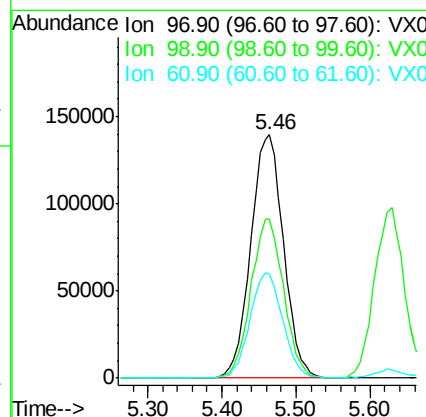
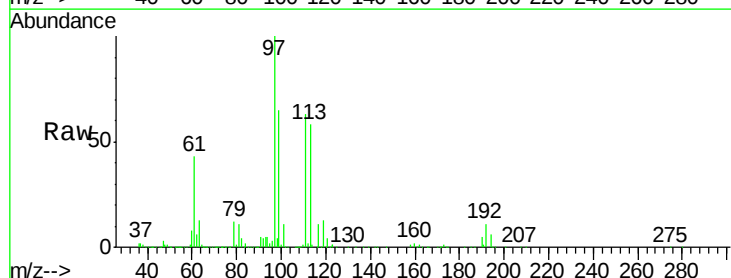
Manual Integrations
APPROVED

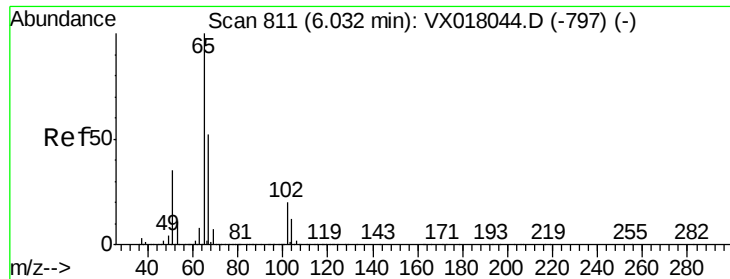
MMDadoda
9/4/2020 9:28:47 AM



#32
1,1,1-Trichloroethane
Concen: 50.189 ug/l
RT: 5.46 min Scan# 719
Delta R.T. -0.01 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.4	77.0
61	43.3	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 48.595 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 308828

Ion Ratio Lower Upper

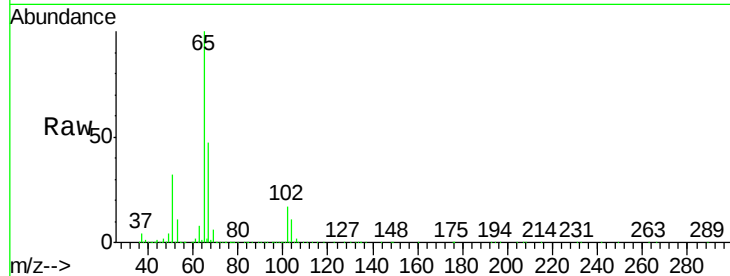
65 100

67 50.6 0.0 105.8

Manual Integrations
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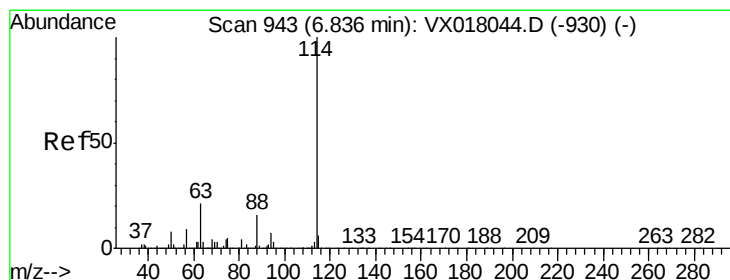
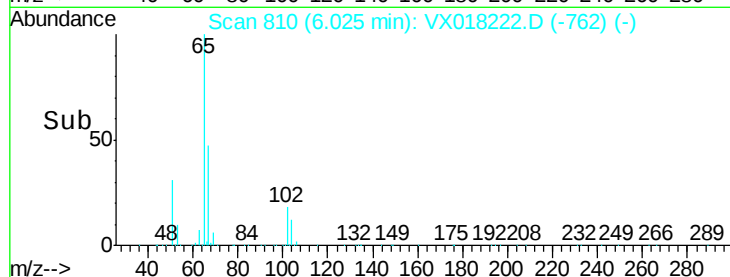
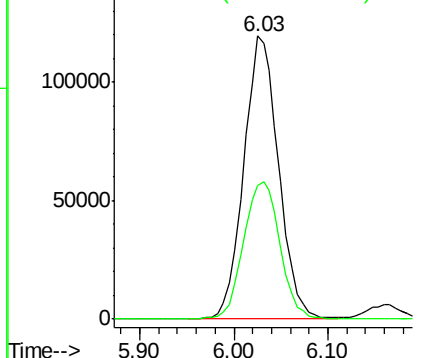
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

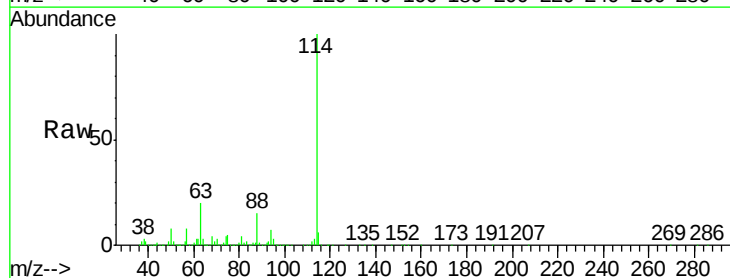
Tgt Ion: 114 Resp: 685655

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.6

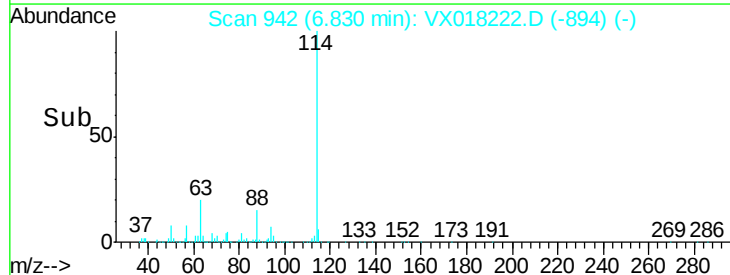
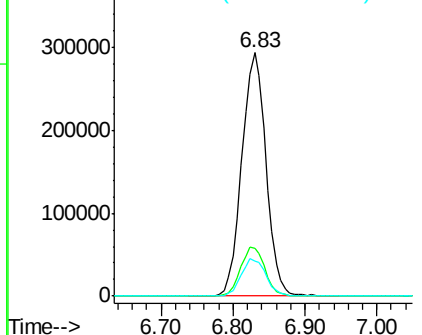
88 14.6 0.0 31.8

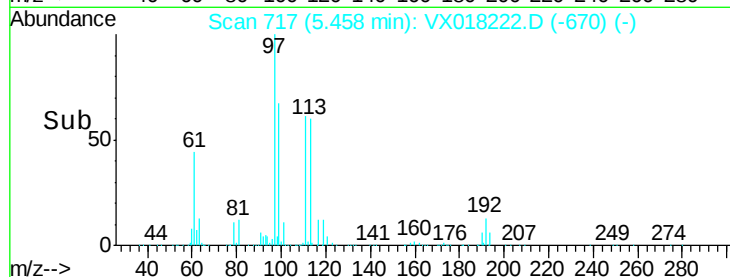
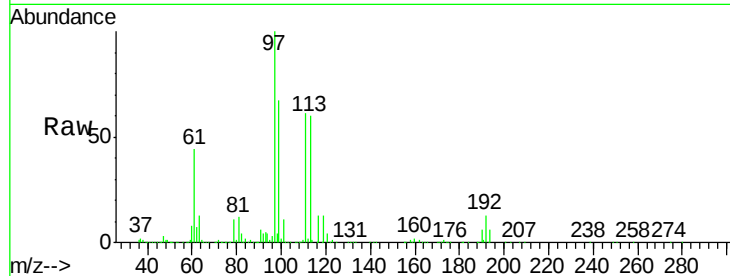
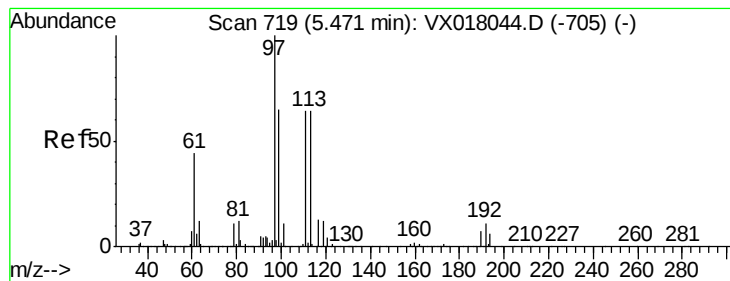


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.065 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Tot Ion:	113	Resp:	238457
Ion Ratio	Lower	Upper	
113	100		
111	102.7	81.6	122.4
192	20.1	15.8	23.8

Instrument :

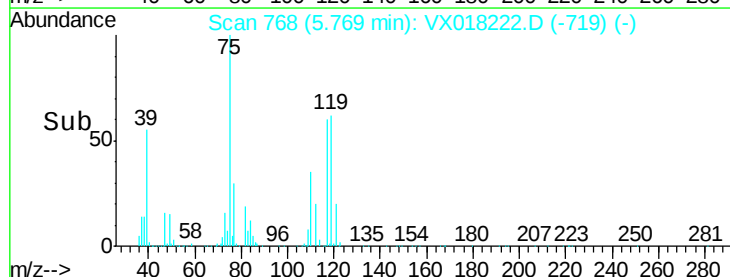
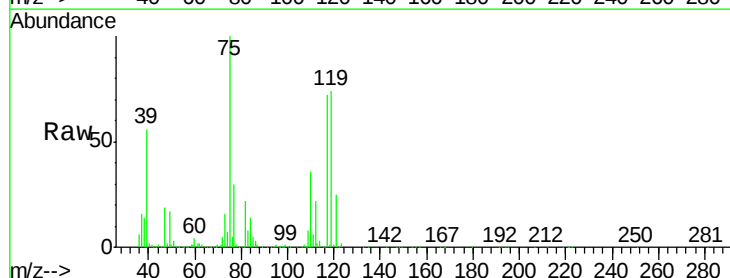
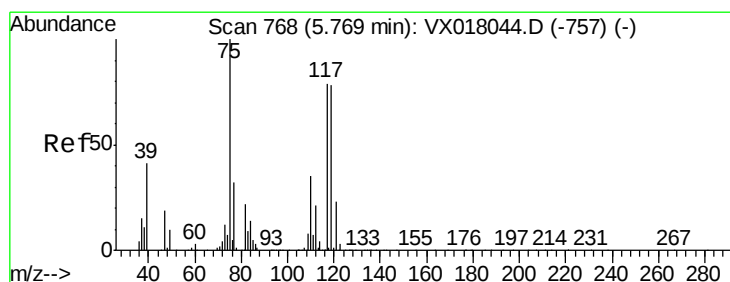
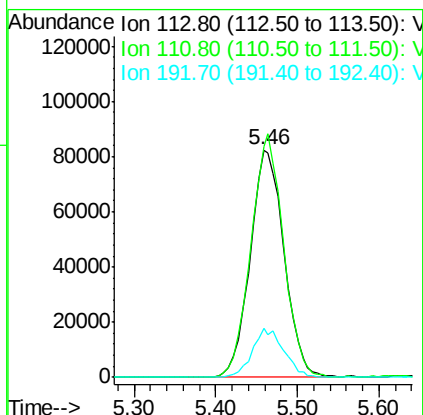
MSVOA_X

ClientSampleId :

VSTDCCC050

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#36

1,1-Dichloropropene

Concen: 52.791 ug/l

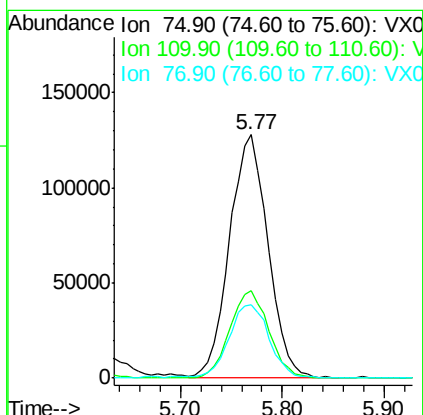
RT: 5.77 min Scan# 768

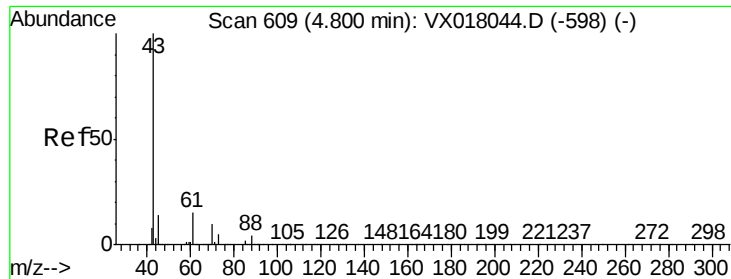
Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Tgt Ion:	75	Resp:	333856
Ion Ratio	Lower	Upper	
75	100		
110	36.4	18.0	54.0
77	31.4	24.4	36.6





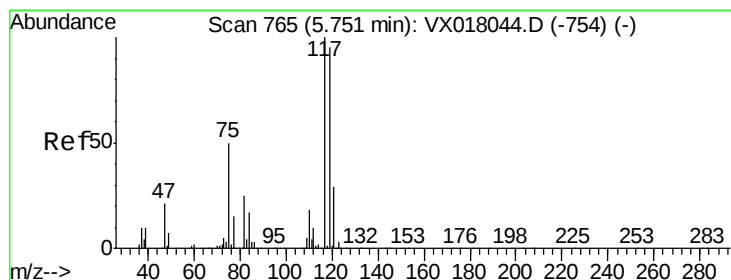
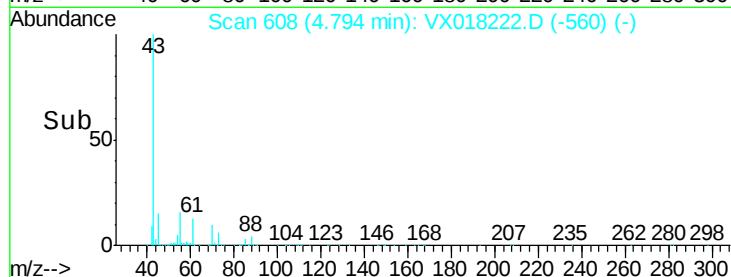
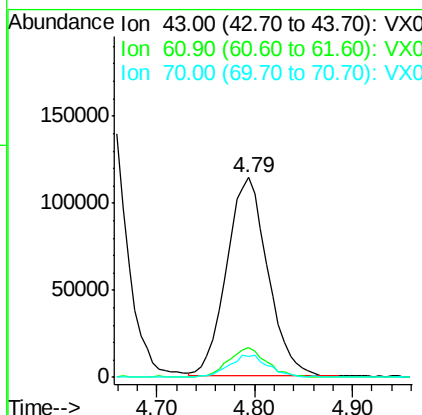
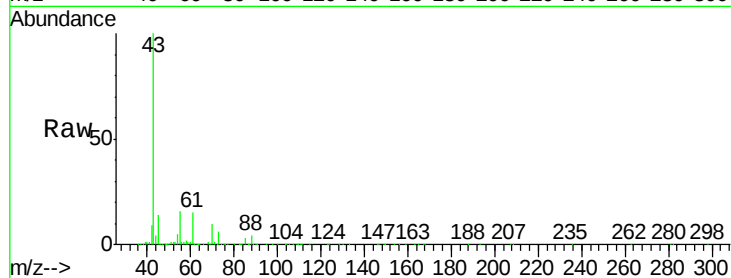
#37
Ethyl Acetate
Concen: 45.267 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	332490
Ion Ratio	Lower	Upper	
43	100		
61	13.7	11.3	16.9
70	10.8	8.2	12.4

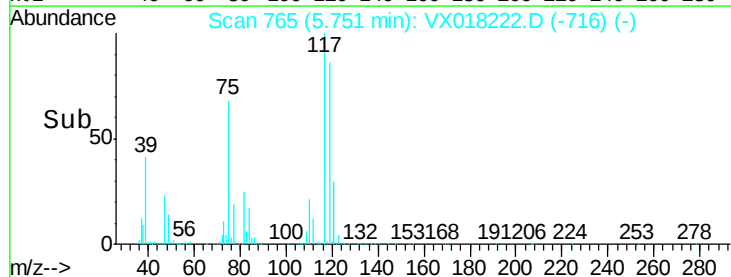
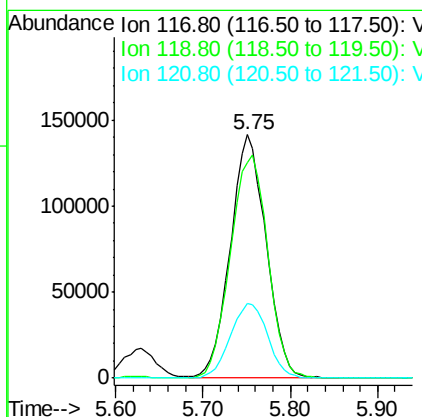
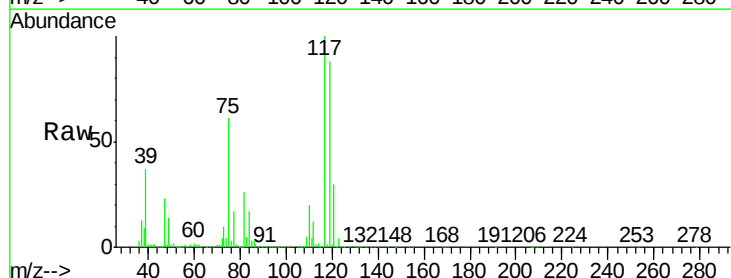
Manual Integrations
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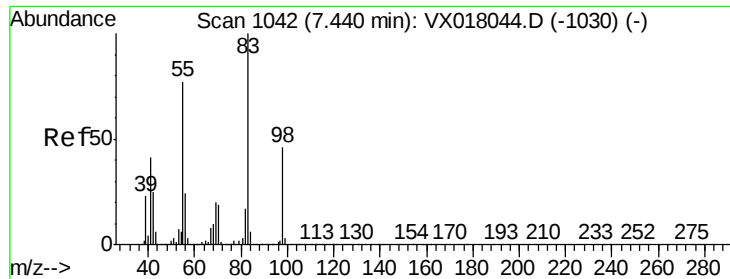
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#38
Carbon Tetrachloride
Concen: 56.325 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Tgt Ion	117	Resp	401428
Ion Ratio	Lower	Upper	
117	100		
119	88.5	75.8	113.6
121	30.5	23.4	35.0





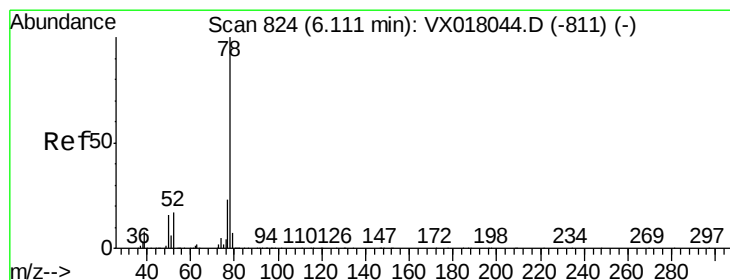
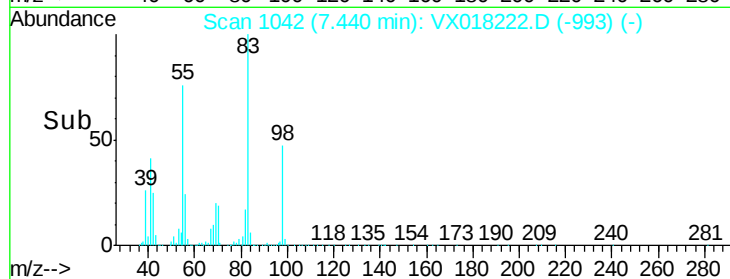
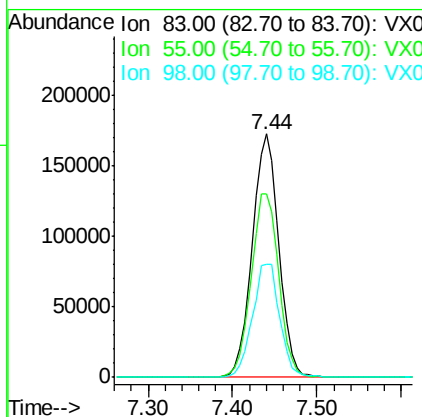
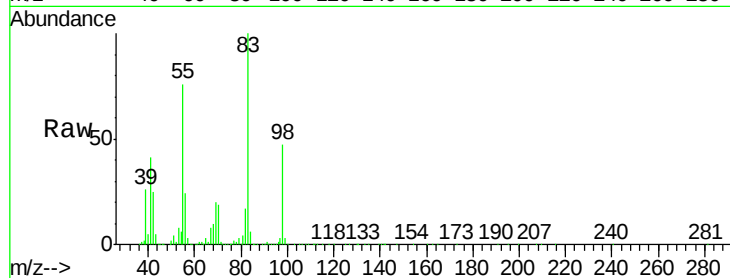
#39
Methvlcvclohexane
Concen: 53.325 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.5	61.8	92.6
98	46.6	36.6	55.0

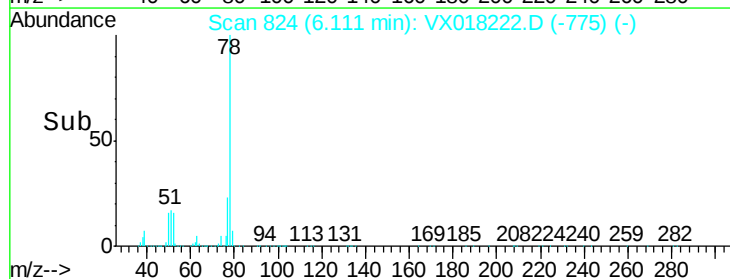
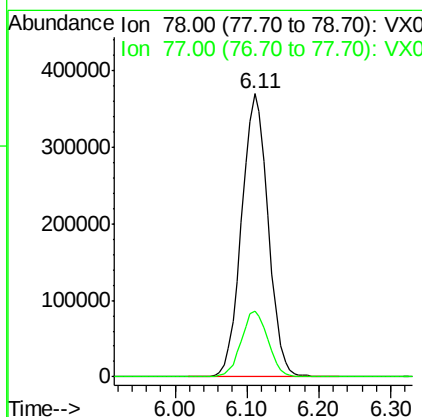
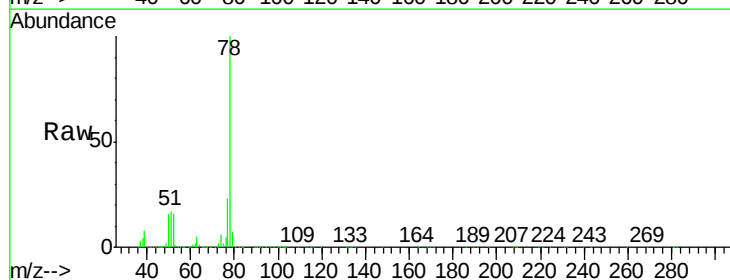
Manual Integrations
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#40
Benzene
Concen: 50.813 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.2	27.2





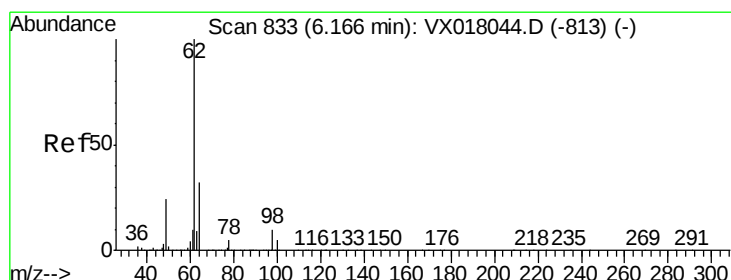
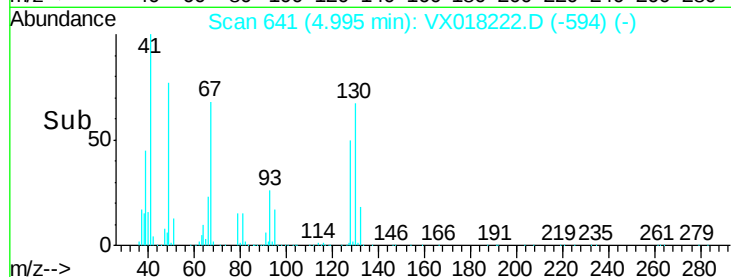
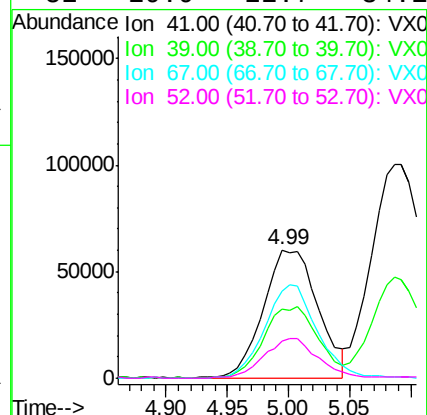
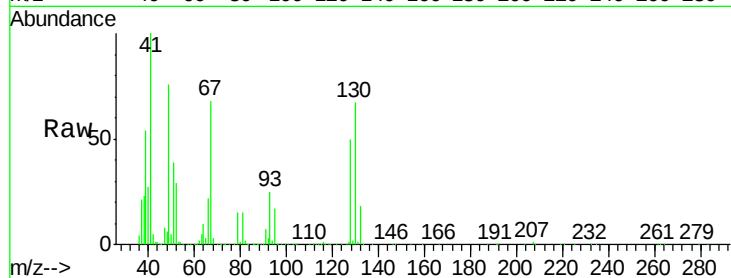
#41
Methacrylonitrile
Concen: 46.219 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		186399		
39	55.2	43.1	64.7		
67	70.3	56.0	84.0		
52	29.9	22.7	34.1		

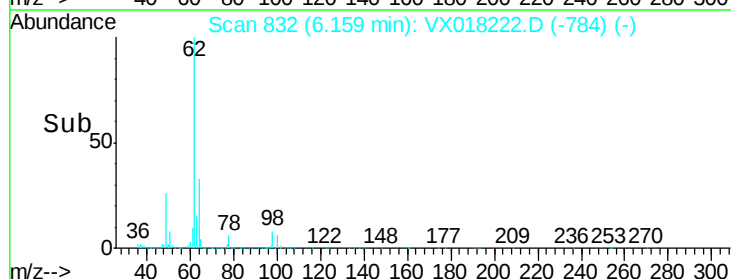
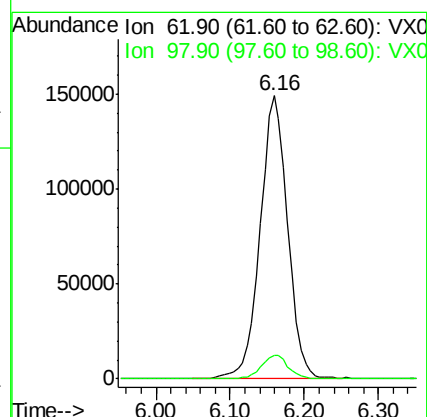
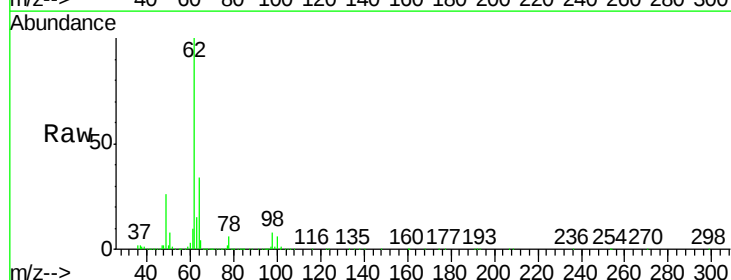
Manual Integrations
APPROVED

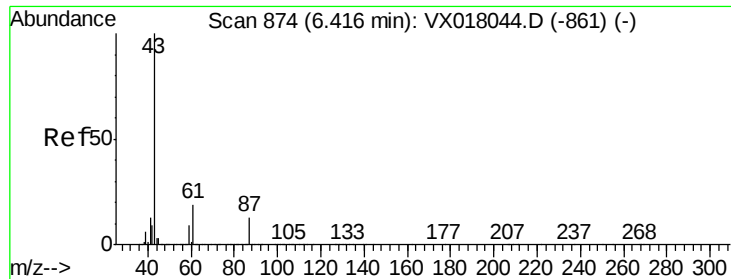
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#42
1,2-Dichloroethane
Concen: 54.066 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		384936		
98	8.2	0.0	18.2		





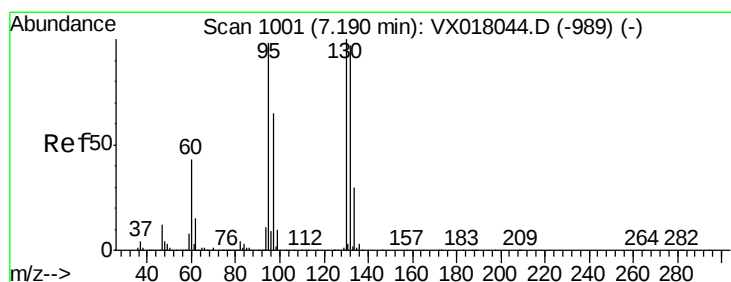
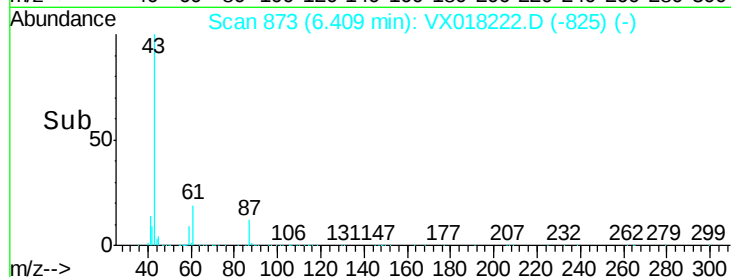
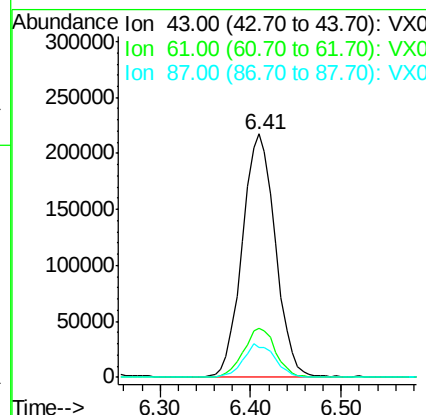
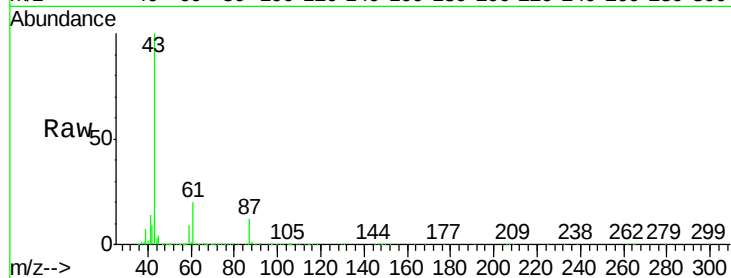
#43
Isopropyl Acetate
Concen: 46.029 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	546065
Ion	Ratio	Lower	Upper
43	100		
61	19.8	15.7	23.5
87	13.2	10.3	15.5

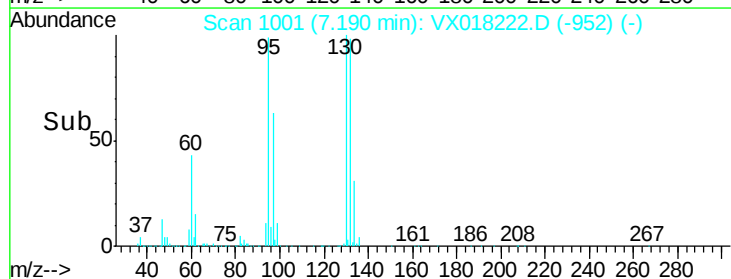
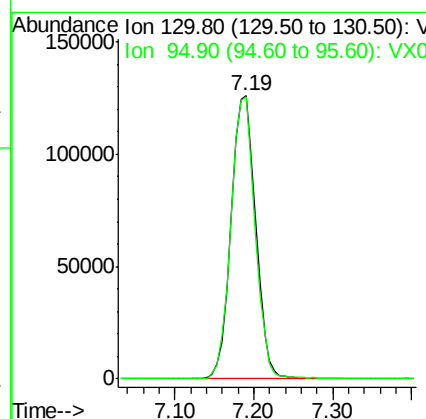
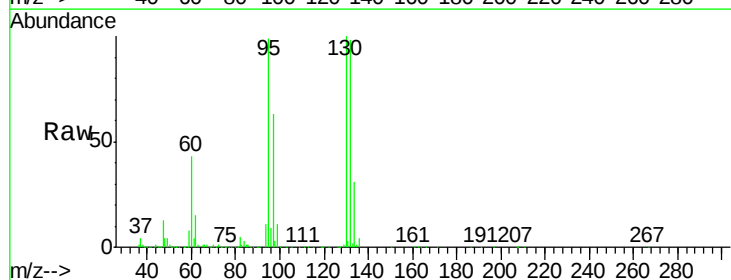
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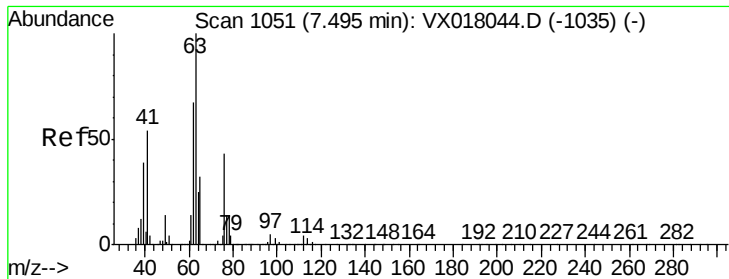
MMDadoda
9/4/2020 9:28:47 AM



#44
Trichloroethene
Concen: 52.378 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Tgt Ion:	130	Resp:	275023
Ion	Ratio	Lower	Upper
130	100		
95	99.5	0.0	196.4





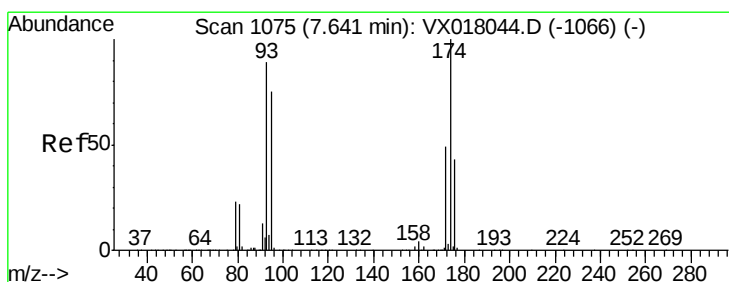
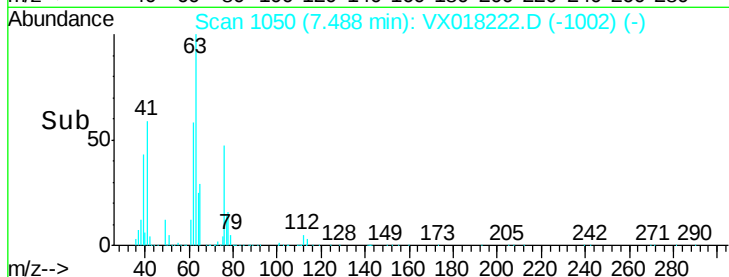
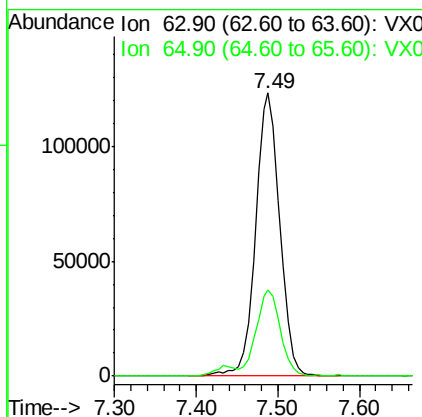
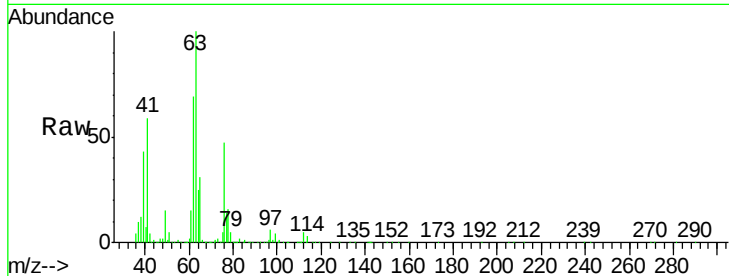
#45
 1,2-Dichloropropane
 Concen: 51.111 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX018222.D
 Acq: 03 Sep 2020 09:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	25.7	38.5

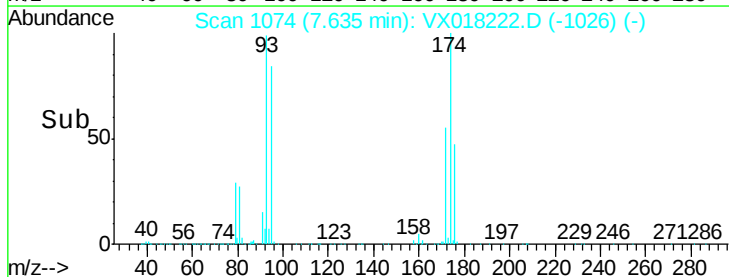
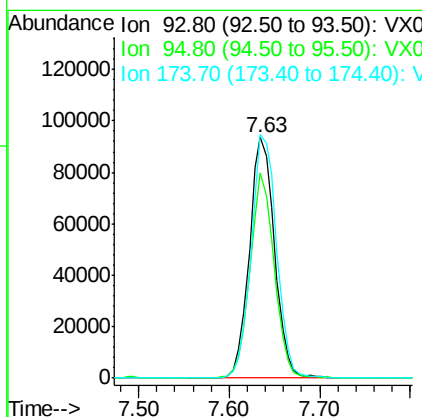
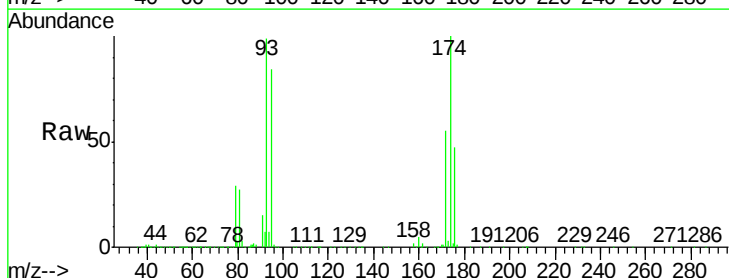
Manual Integrations
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#46
 Dibromomethane
 Concen: 51.051 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX018222.D
 Acq: 03 Sep 2020 09:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.2	67.3	100.9
174	101.9	82.2	123.2





#47

Bromodichloromethane

Concen: 53.948 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

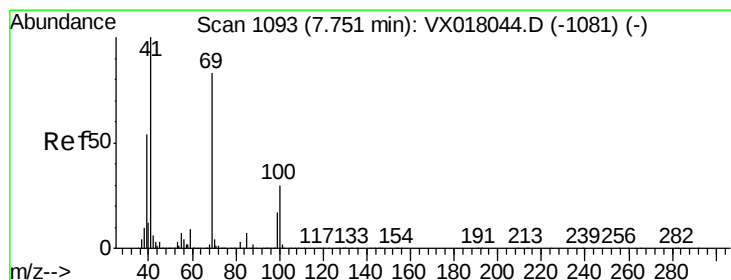
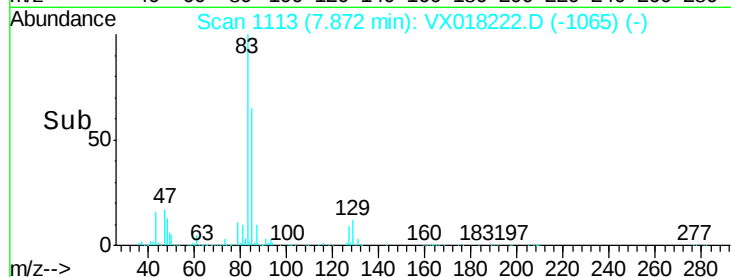
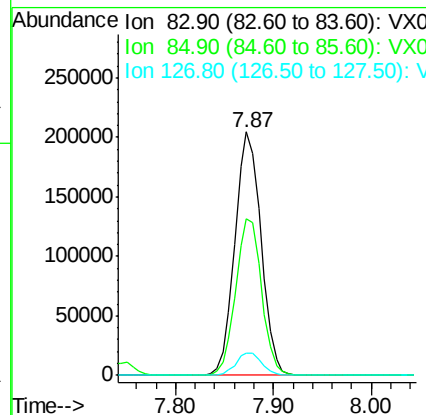
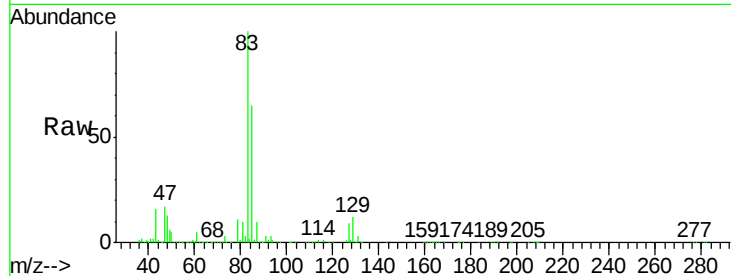
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	379378
Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.8	77.6
127	9.3	7.7	11.5

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#48

Methyl methacrylate

Concen: 46.661 ug/l

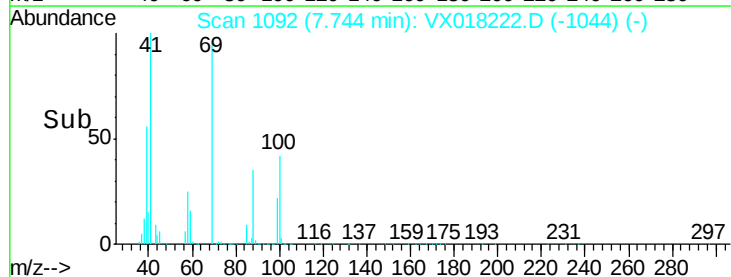
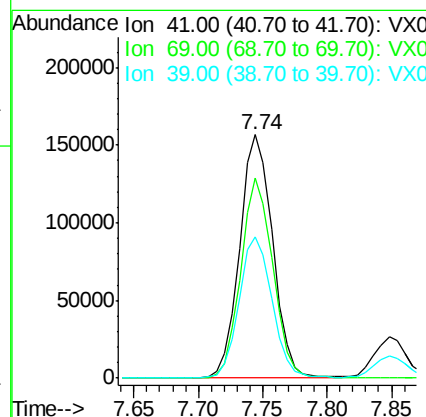
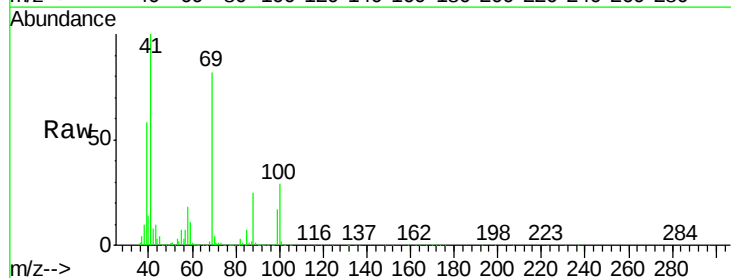
RT: 7.74 min Scan# 1092

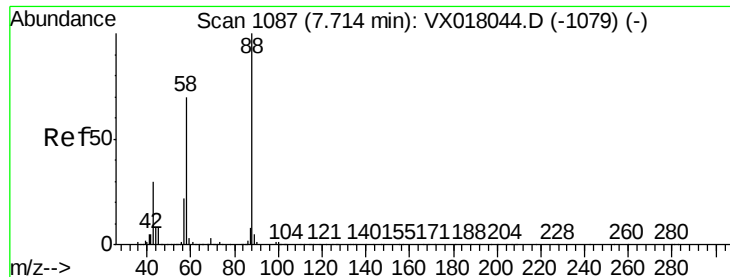
Delta R.T. -0.01 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Tgt Ion:	41	Resp:	275573
Ion	Ratio	Lower	Upper
41	100		
69	80.4	65.5	98.3
39	58.1	44.5	66.7





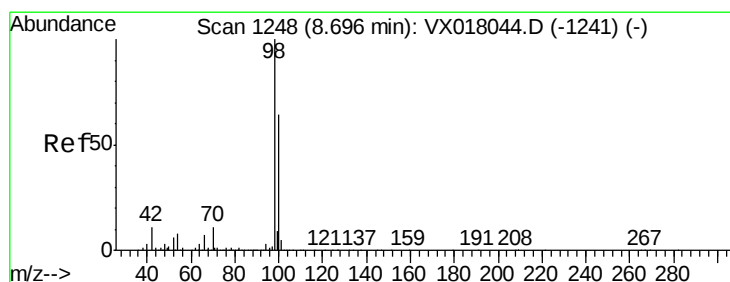
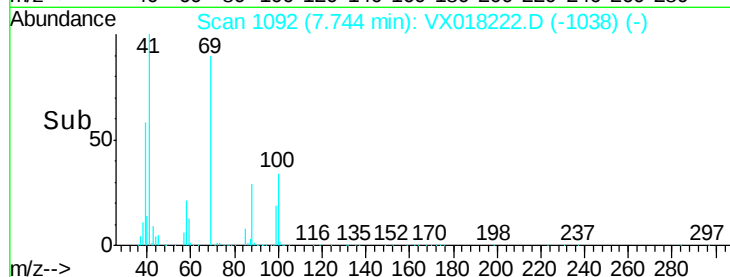
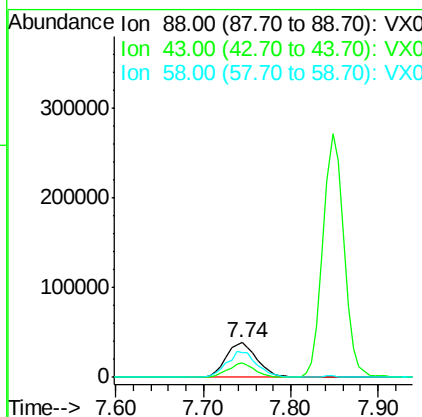
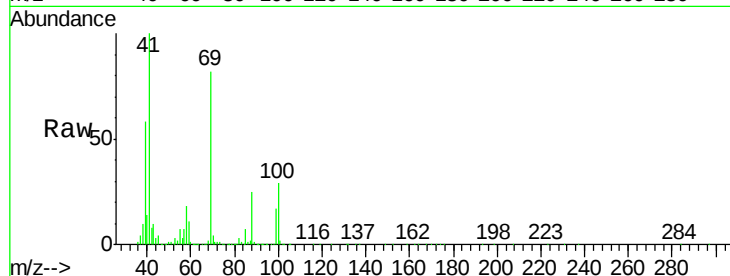
#49
1,4-Dioxane
Concen: 887.352 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.03 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.1	27.4	41.0
58	71.9	56.4	84.6

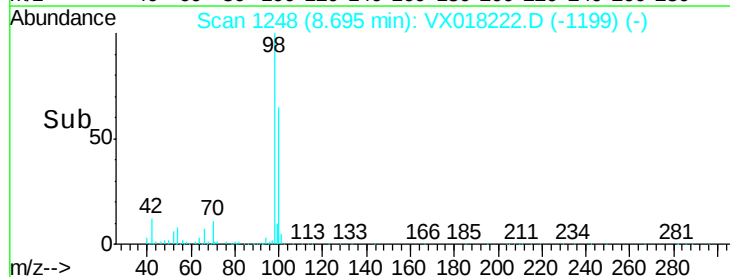
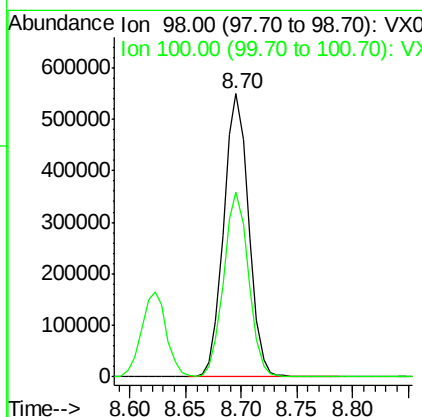
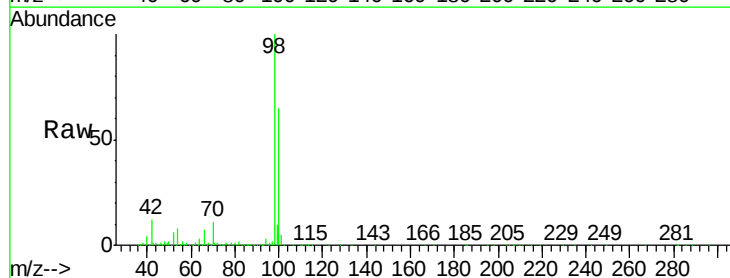
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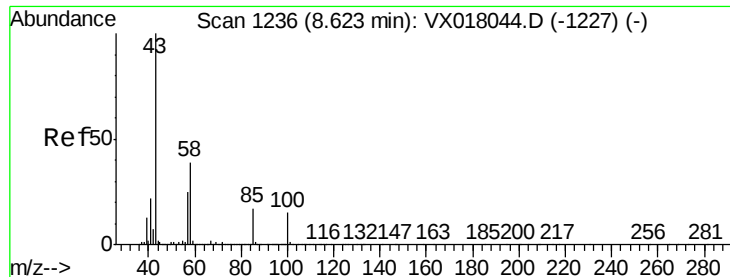
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#50
Toluene-d8
Concen: 49.044 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.2	78.4





#51

4-Methyl-2-Pentanone

Concen: 233.303 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1709712

Ion Ratio Lower Upper

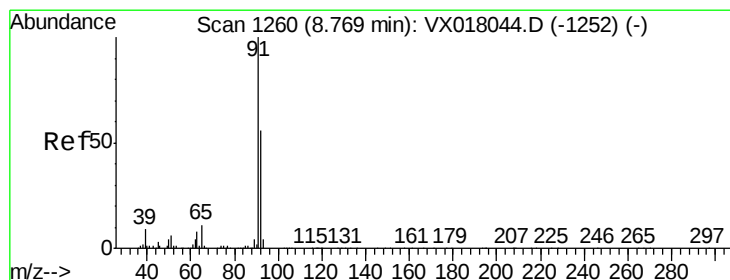
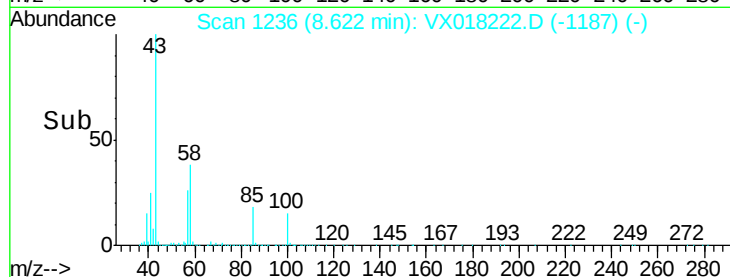
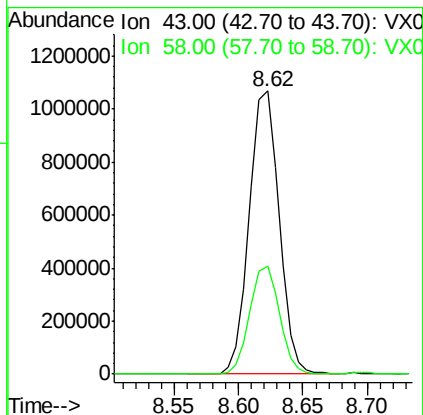
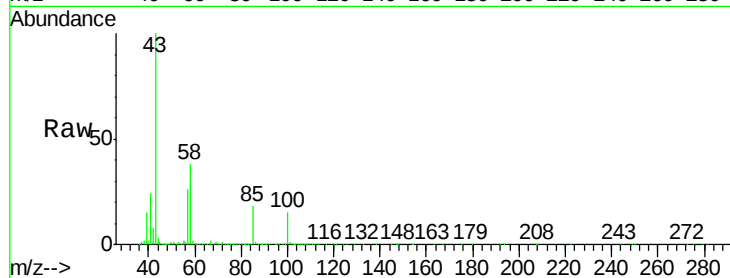
43 100

58 38.3 30.7 46.1

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#52

Toluene

Concen: 51.364 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018222.D

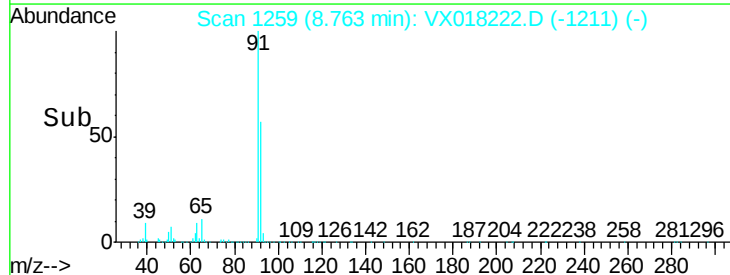
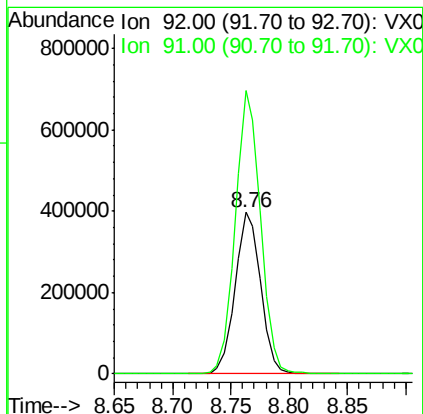
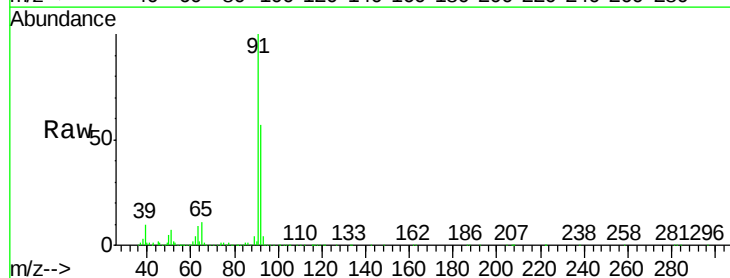
Acq: 03 Sep 2020 09:23

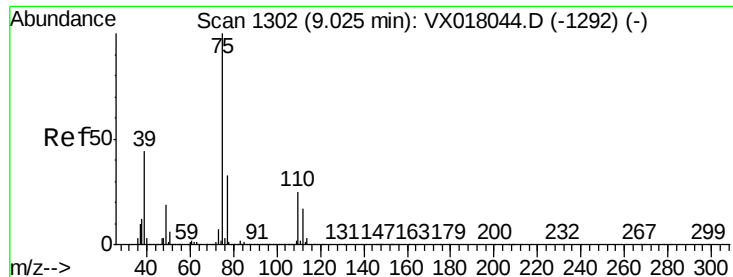
Tgt Ion: 92 Resp: 605236

Ion Ratio Lower Upper

92 100

91 173.5 140.3 210.5





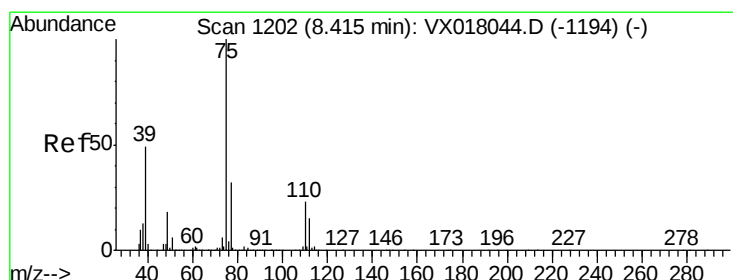
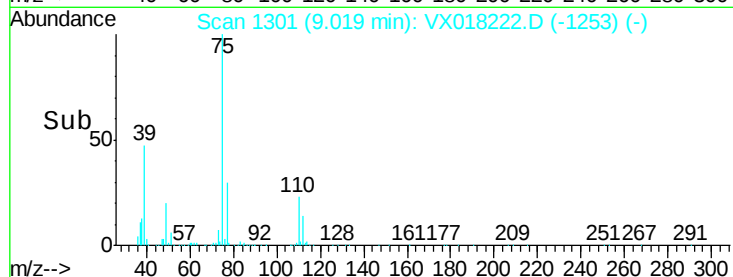
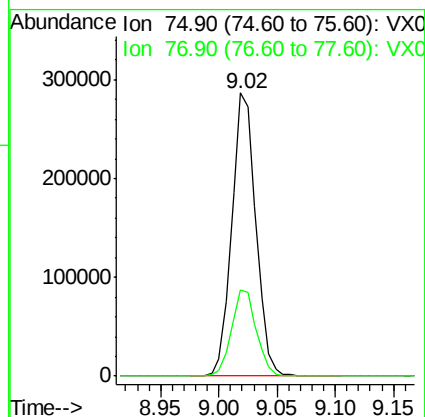
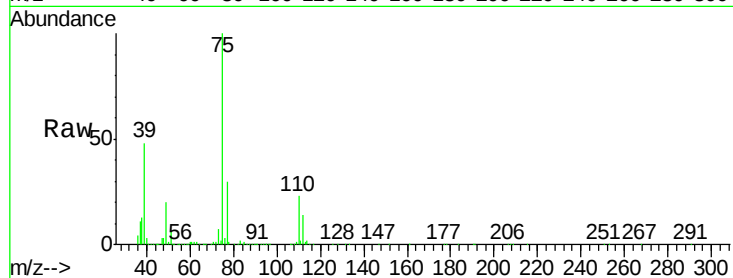
#53
t-1,3-Dichloropropene
Concen: 52.975 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.4	26.6	39.8

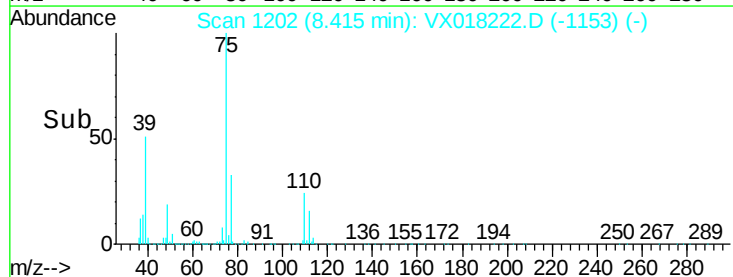
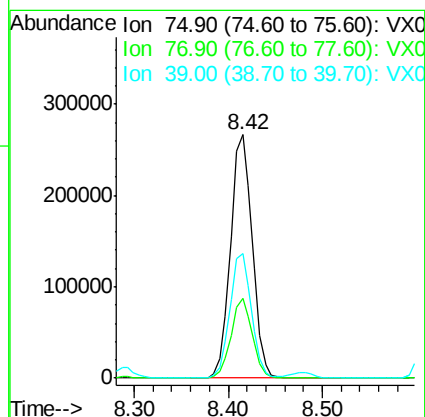
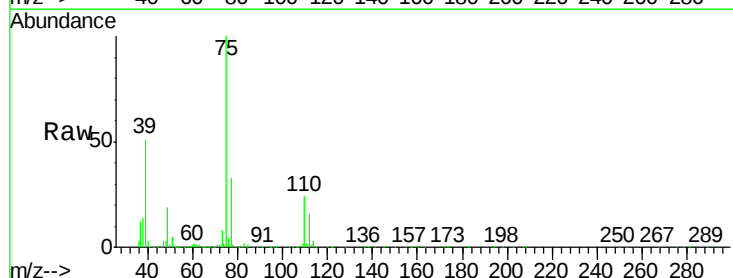
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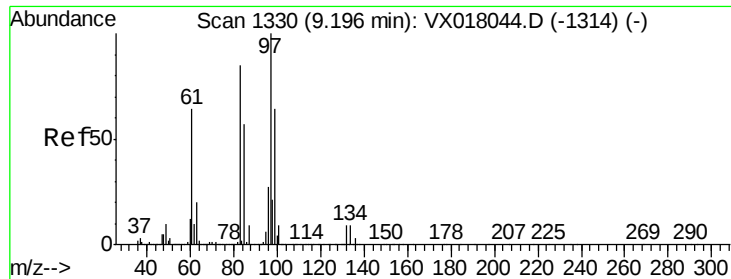
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#54
cis-1,3-Dichloropropene
Concen: 51.510 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.8	38.8
39	51.3	38.8	58.2





#55

1,1,2-Trichloroethane

Concen: 50.437 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

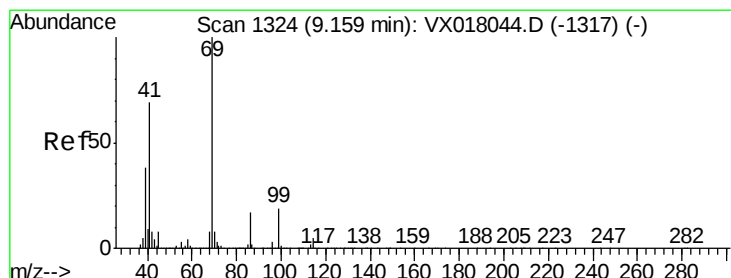
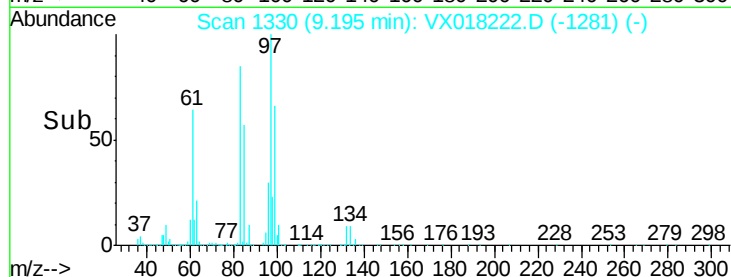
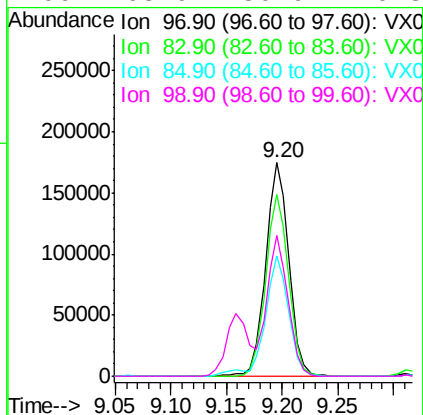
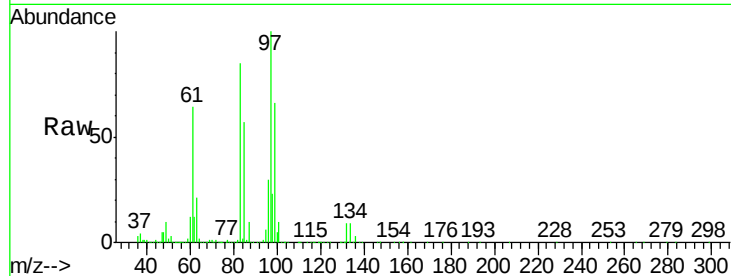
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	253469
Ion	Ratio	Lower	Upper
97	100		
83	85.1	67.8	101.6
85	56.5	45.3	67.9
99	65.9	50.9	76.3

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#56

Ethyl methacrylate

Concen: 48.032 ug/l

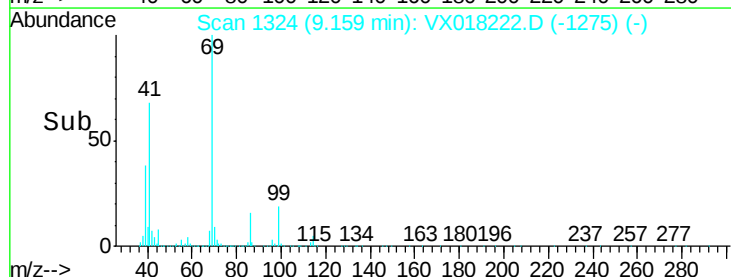
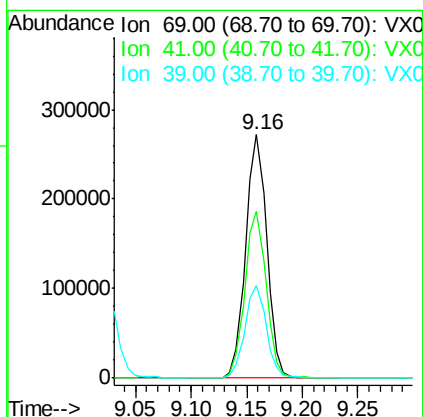
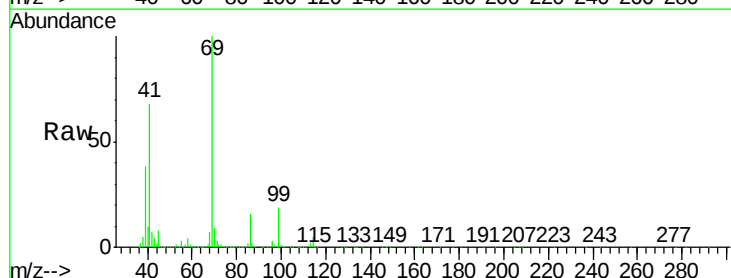
RT: 9.16 min Scan# 1324

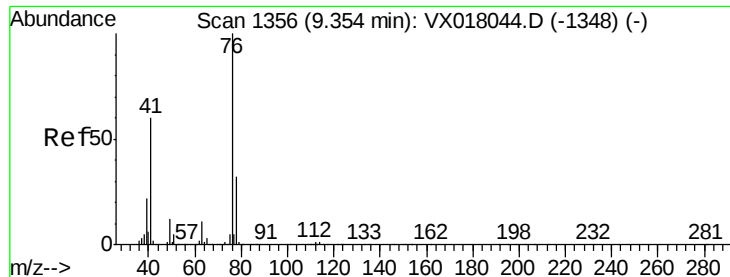
Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Tgt Ion:	69	Resp:	358845
Ion	Ratio	Lower	Upper
69	100		
41	69.1	54.6	81.8
39	38.7	29.1	43.7





#57

1,3-Dichloropropane

Concen: 49.791 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 412704

Ion Ratio Lower Upper

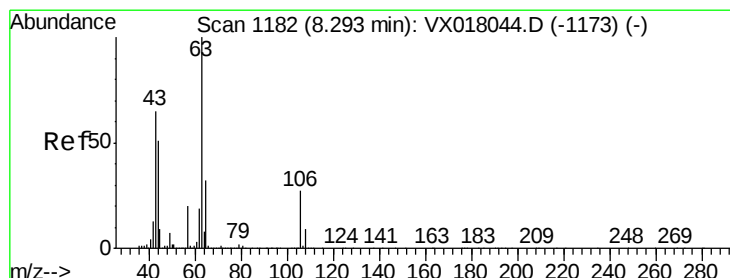
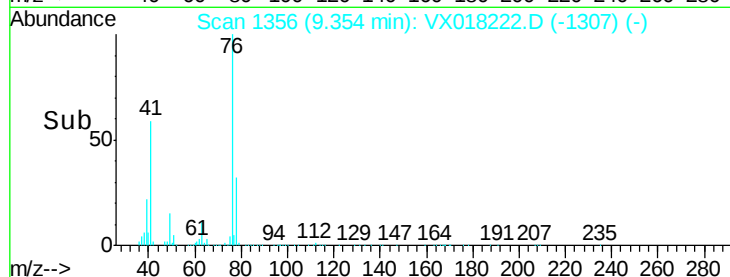
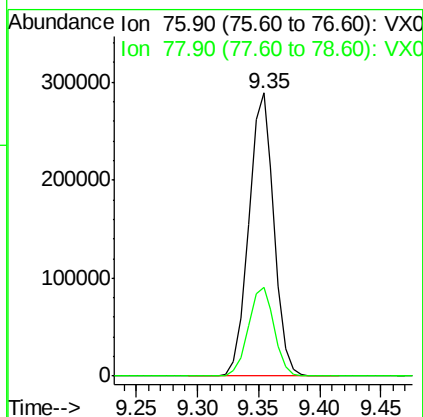
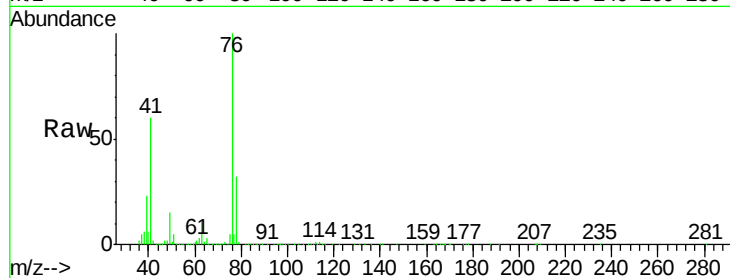
76 100

78 32.5 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 221.524 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018222.D

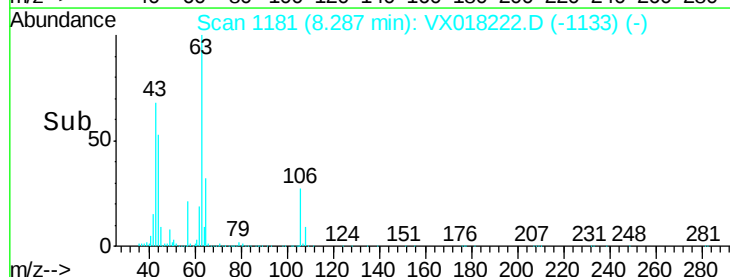
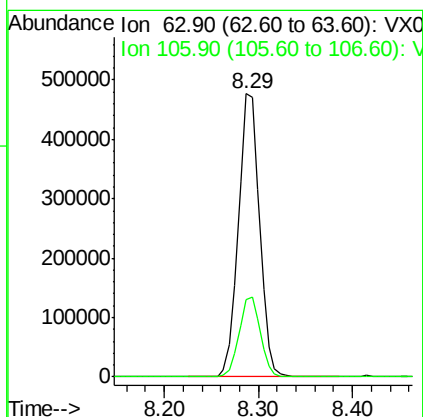
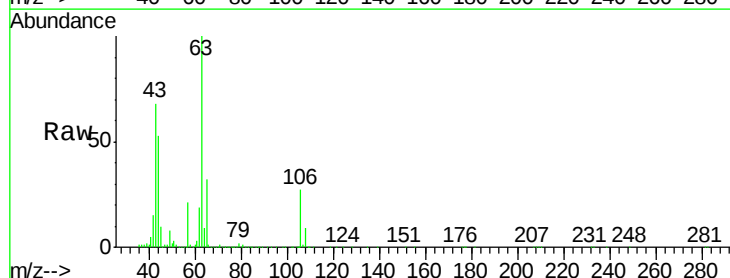
Acq: 03 Sep 2020 09:23

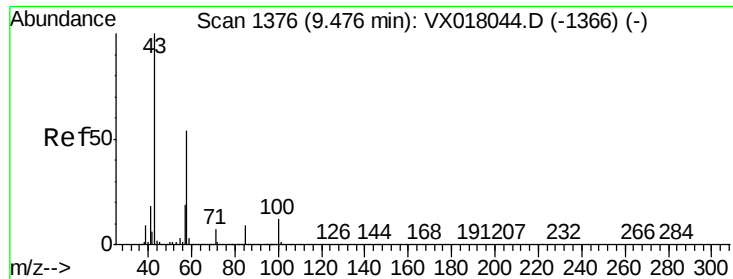
Tgt Ion: 63 Resp: 744489

Ion Ratio Lower Upper

63 100

106 28.6 22.1 33.1





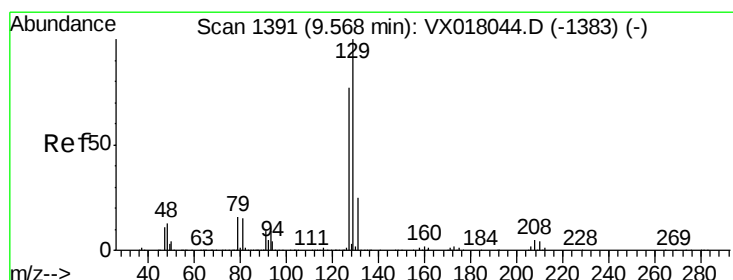
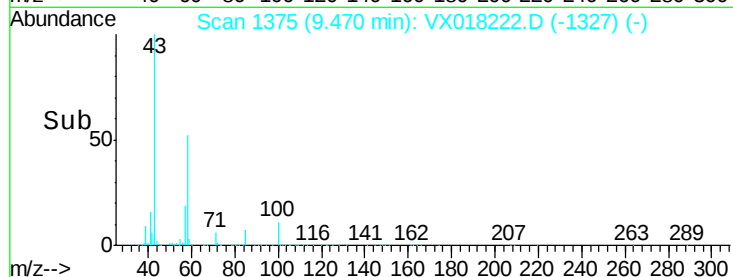
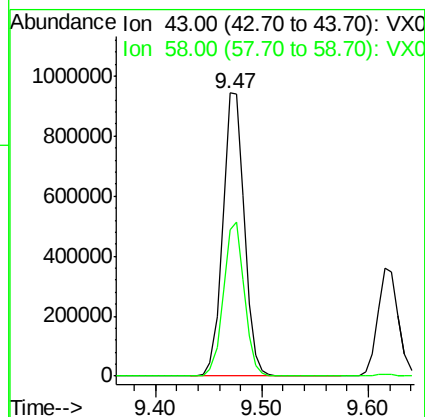
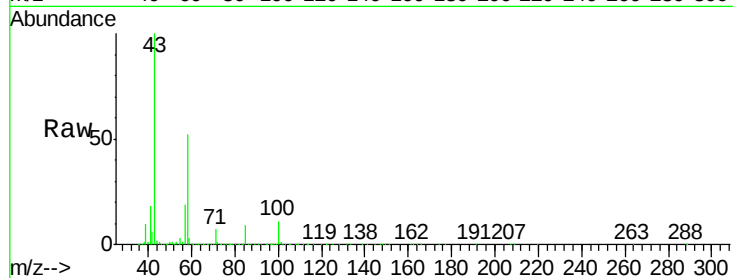
#59
2-Hexanone
Concen: 239.363 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1333812
Ion Ratio Lower Upper
43 100
58 52.7 26.6 79.7

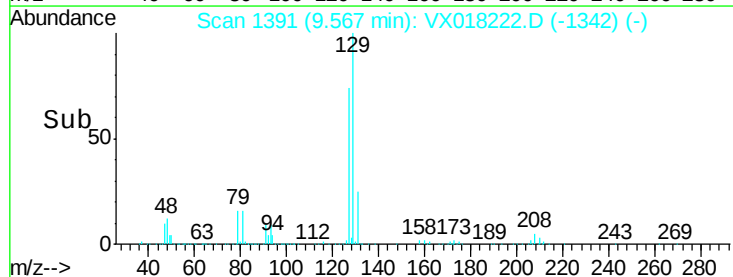
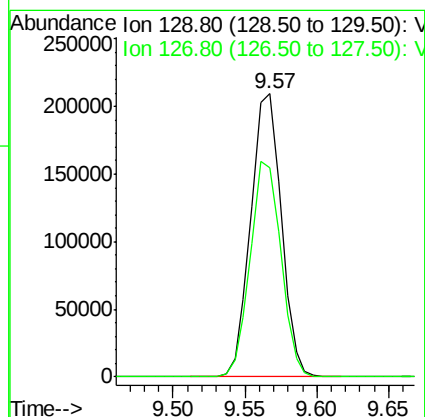
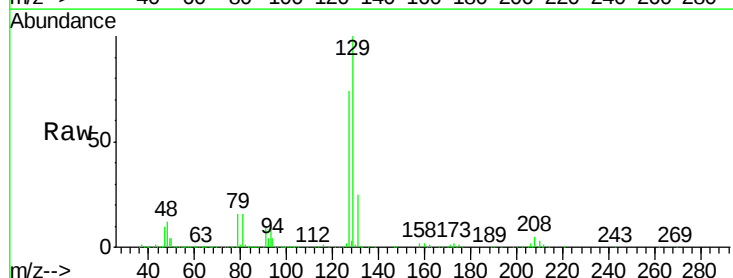
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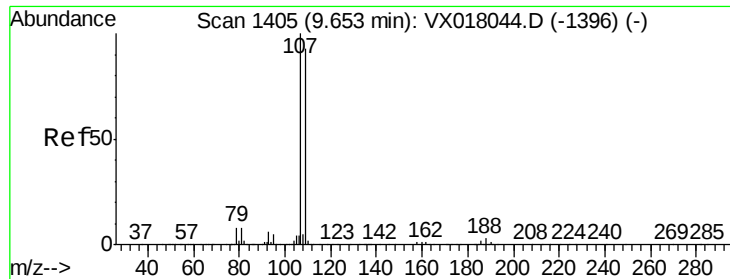
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#60
Dibromochloromethane
Concen: 52.152 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Tgt Ion: 129 Resp: 307451
Ion Ratio Lower Upper
129 100
127 76.7 38.9 116.6





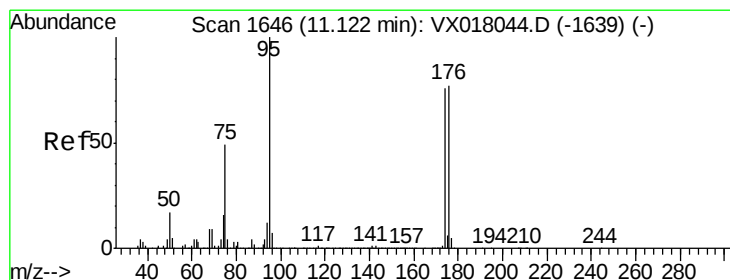
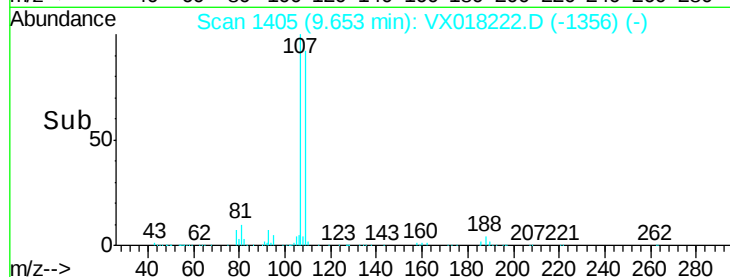
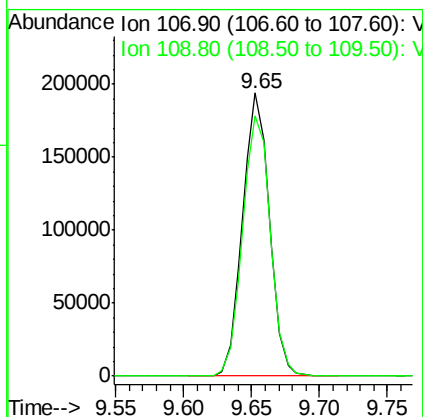
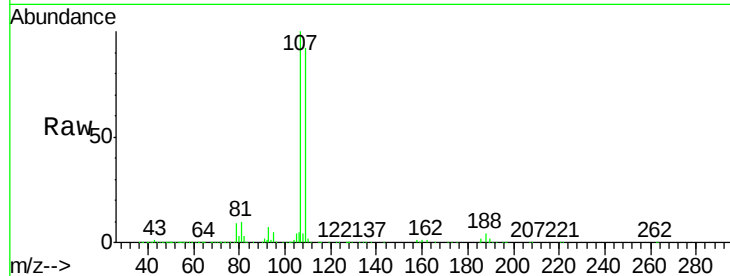
#61
 1,2-Dibromoethane
 Concen: 49.172 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX018222.D
 Acq: 03 Sep 2020 09:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	75.9	113.9

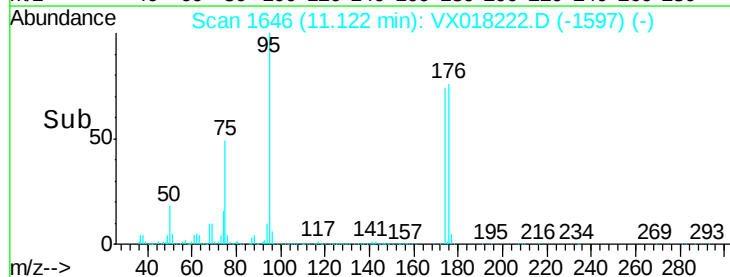
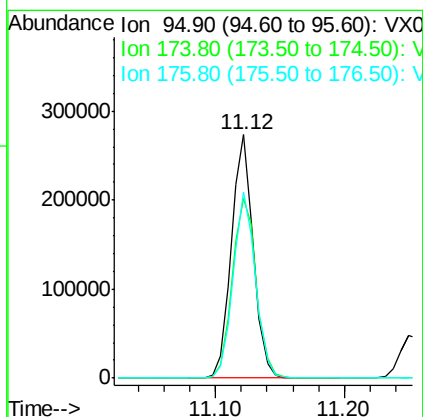
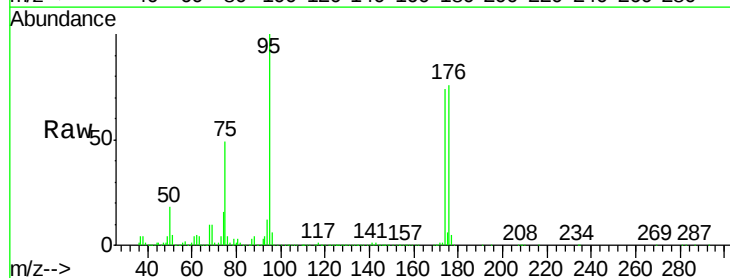
Manual Integrations
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#62
 4-Bromofluorobenzene
 Concen: 47.609 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX018222.D
 Acq: 03 Sep 2020 09:23

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.2	0.0	160.2
176	77.6	0.0	155.8





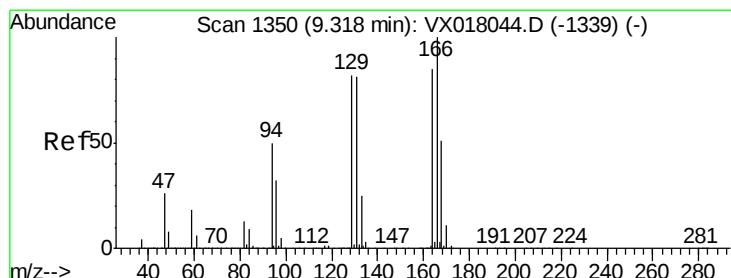
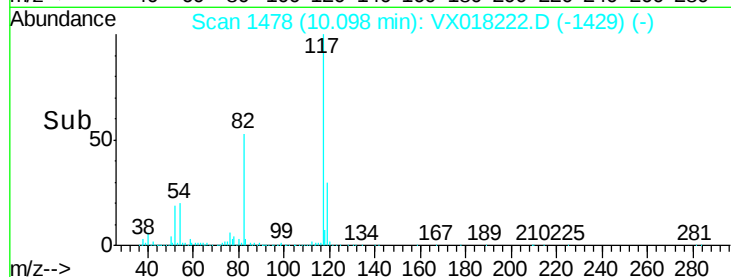
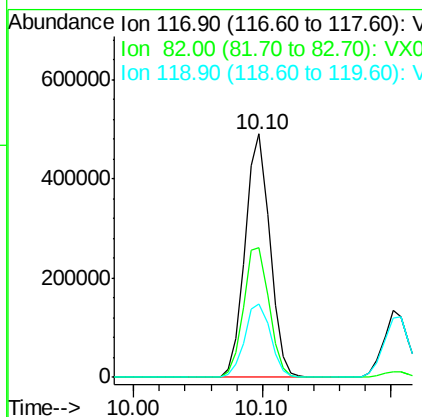
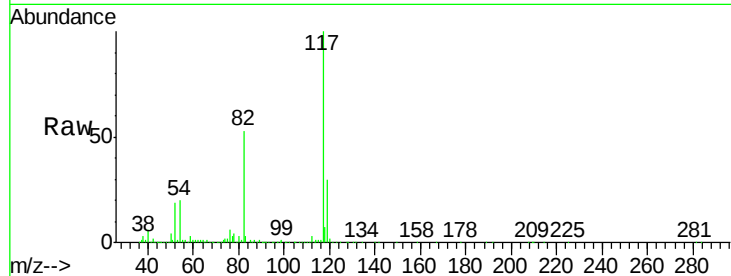
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	53.2	44.2	66.2
119	30.2	25.7	38.5

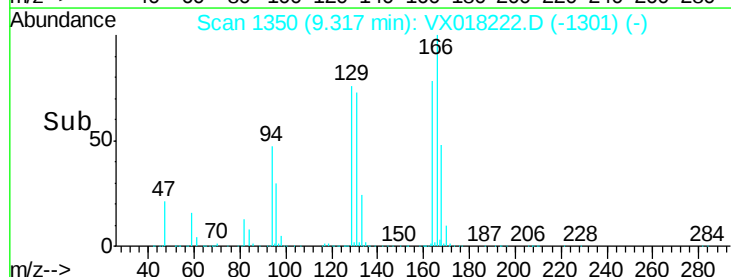
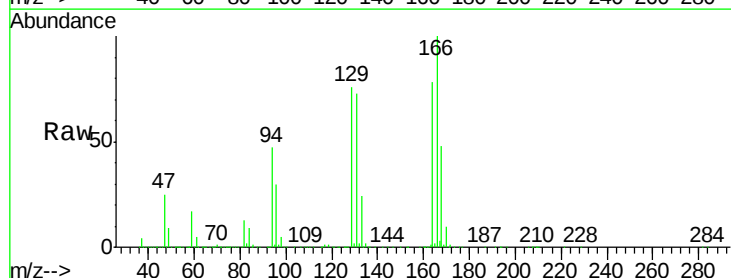
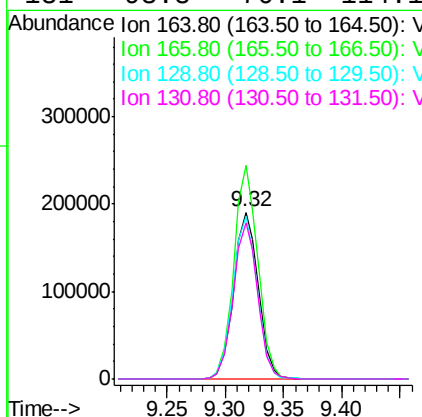
Manual Integrations
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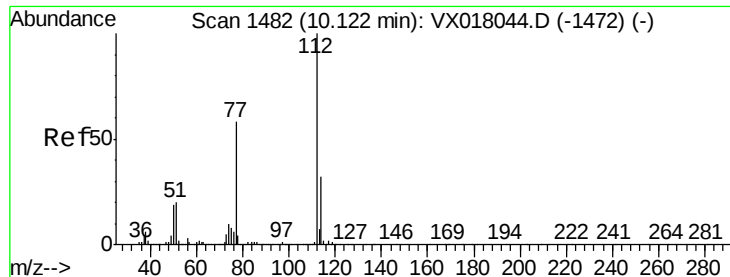
MMDadoda
9/4/2020 9:28:47 AM



#64
Tetrachloroethene
Concen: 58.820 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	128.3	94.2	141.2
129	97.7	76.9	115.3
131	93.8	76.1	114.1





#65

Chlorobenzene

Concen: 50.929 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 660156

Ion Ratio Lower Upper

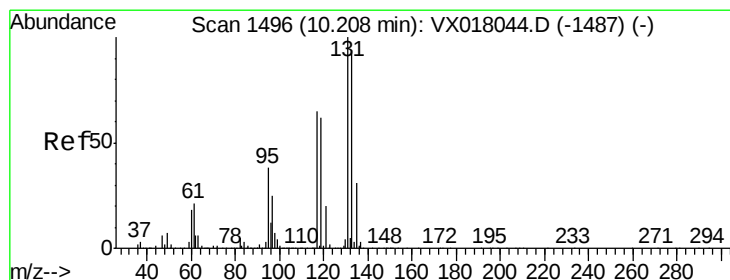
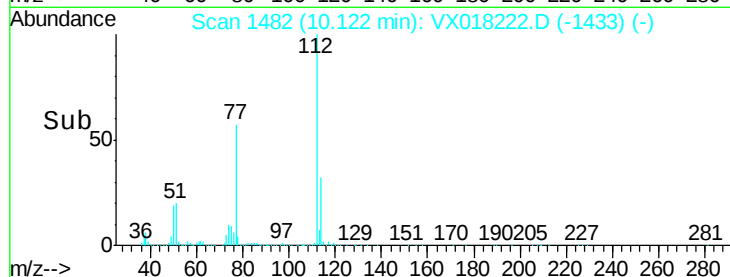
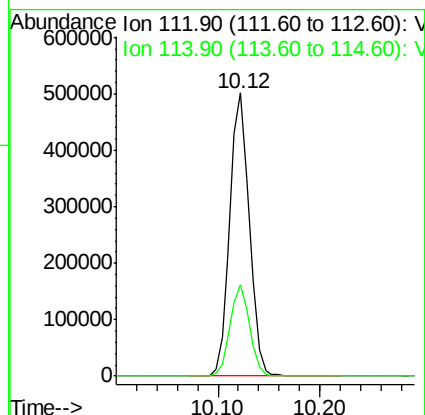
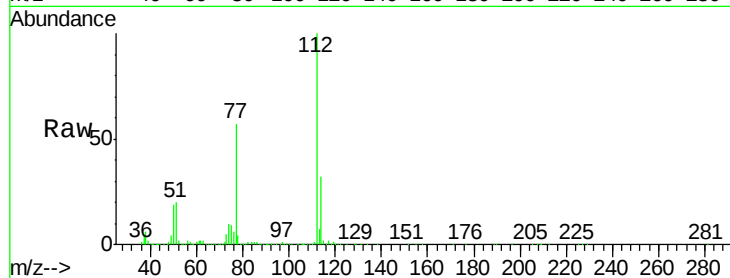
112 100

114 32.1 25.7 38.5

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 53.461 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

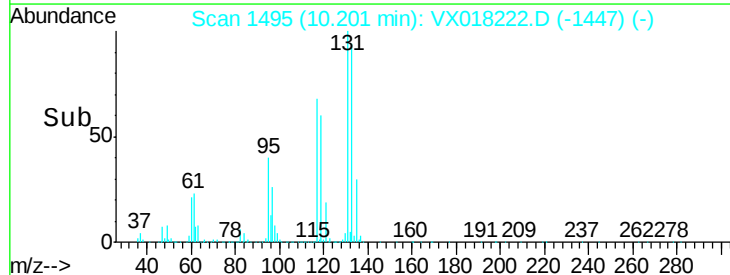
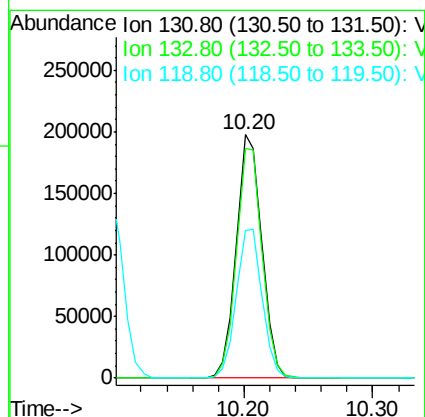
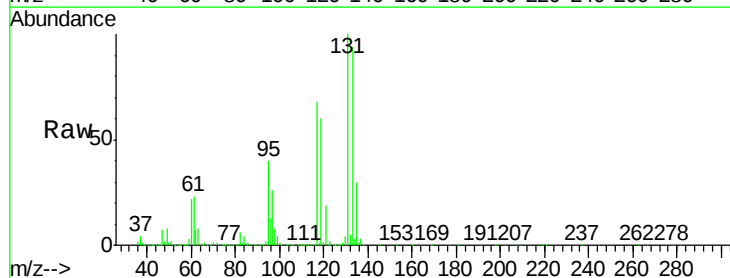
Tgt Ion:131 Resp: 273125

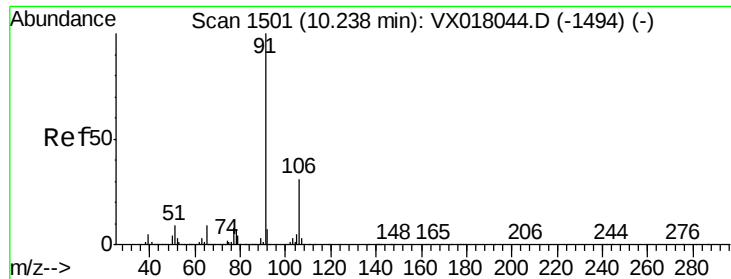
Ion Ratio Lower Upper

131 100

133 95.2 46.7 140.1

119 61.9 31.8 95.4





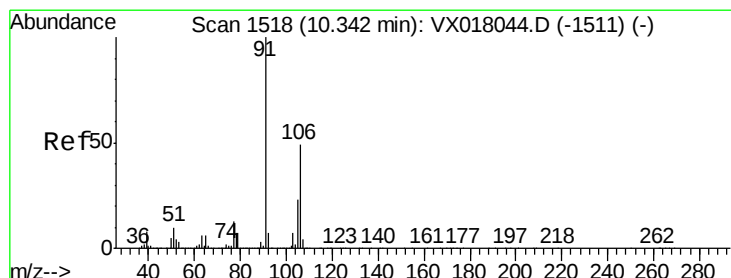
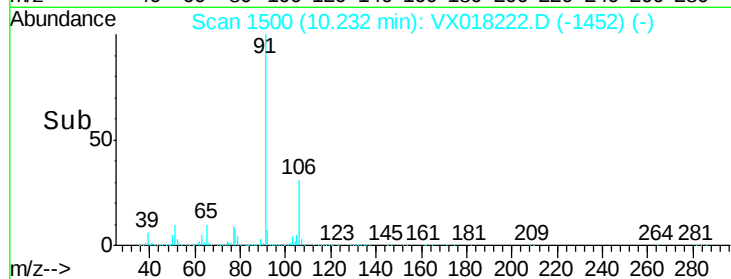
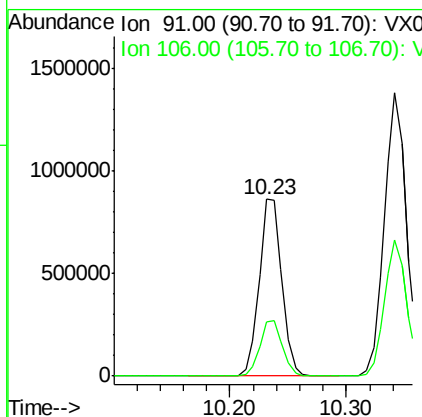
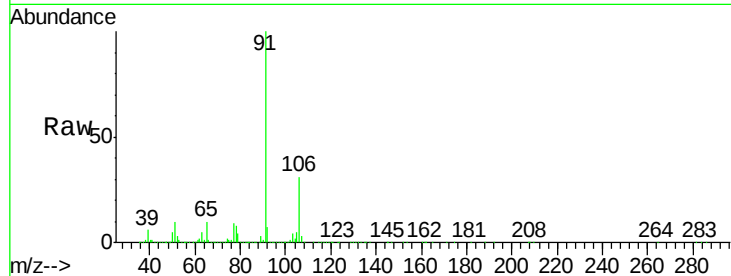
#67
Ethyl Benzene
Concen: 52.758 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1162977
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3

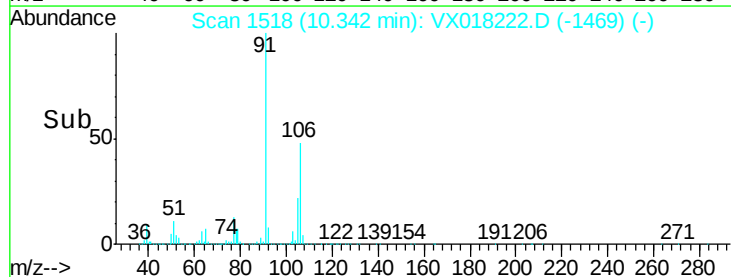
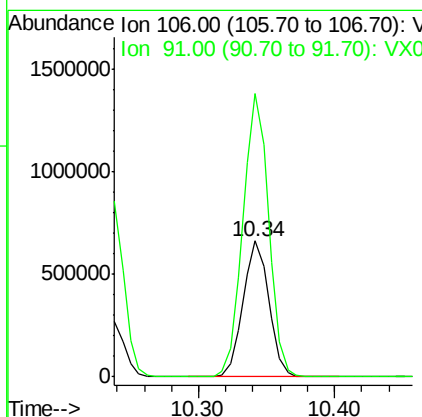
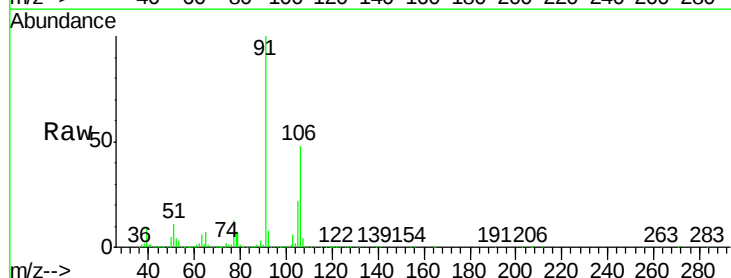
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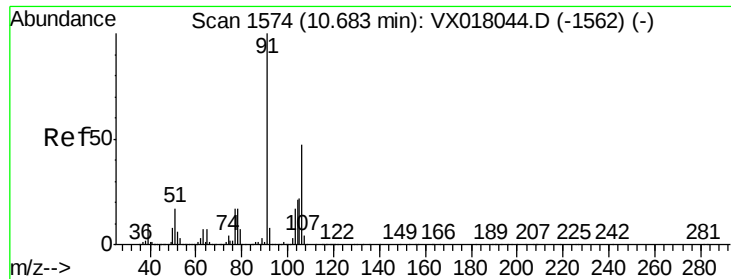
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#68
m/p-Xylenes
Concen: 106.885 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Tgt Ion: 106 Resp: 879421
Ion Ratio Lower Upper
106 100
91 207.6 162.2 243.2





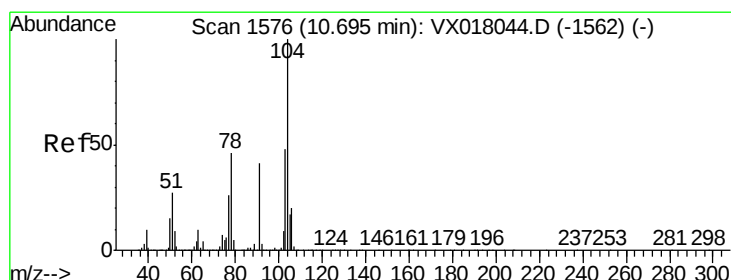
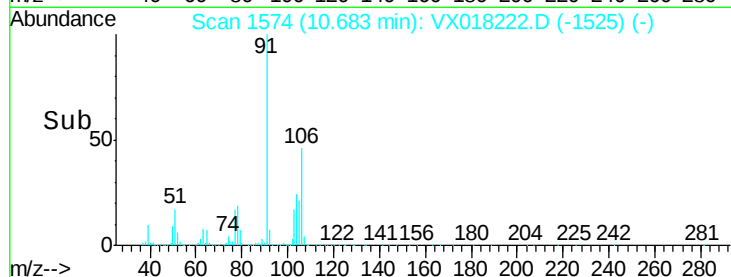
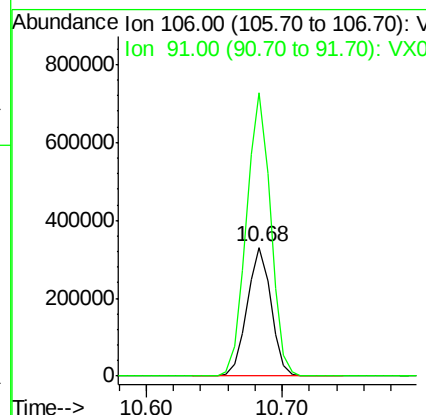
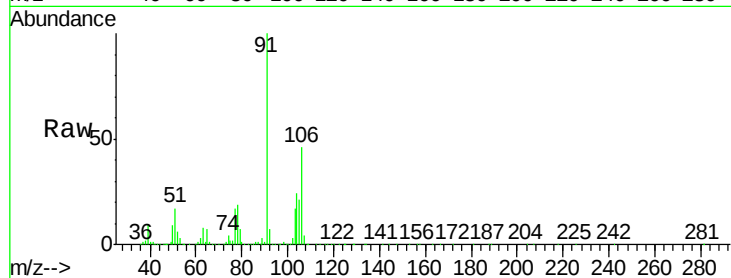
#69
o-Xylene
Concen: 51.207 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	221.7	107.1	321.3

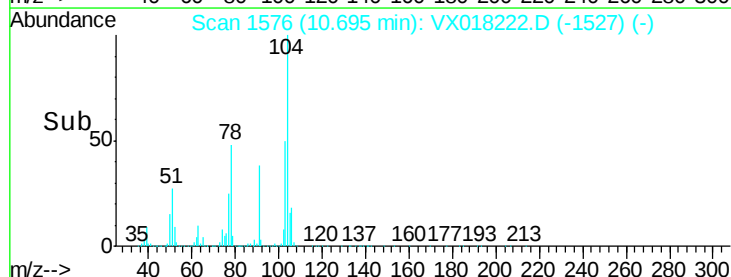
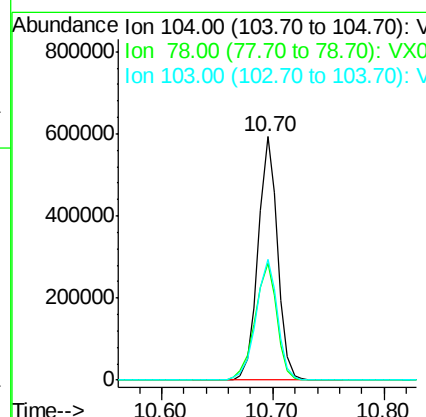
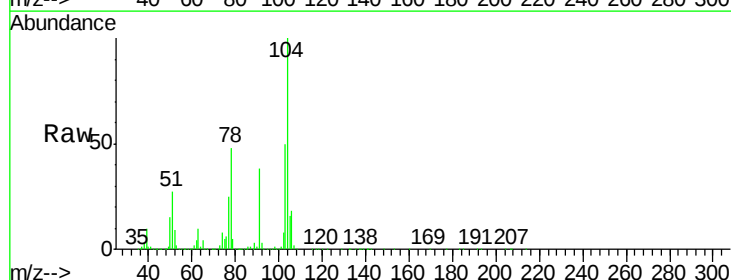
Manual Integrations
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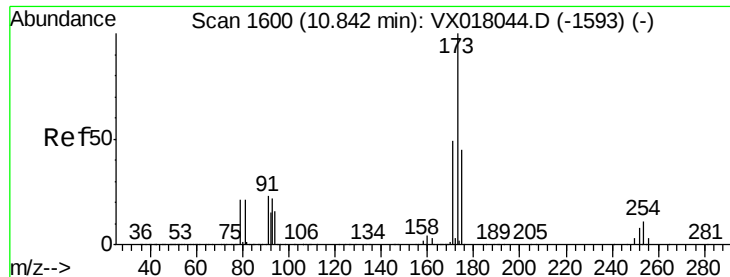
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#70
Styrene
Concen: 53.204 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.8	40.9	61.3
103	54.8	43.6	65.4





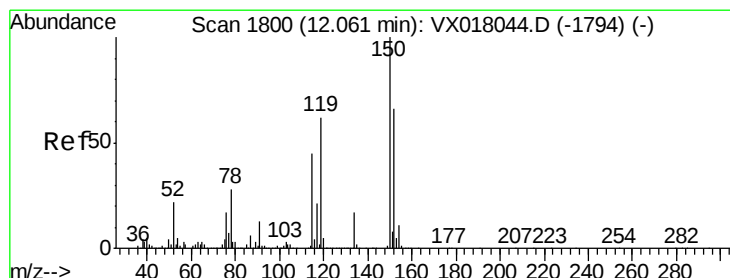
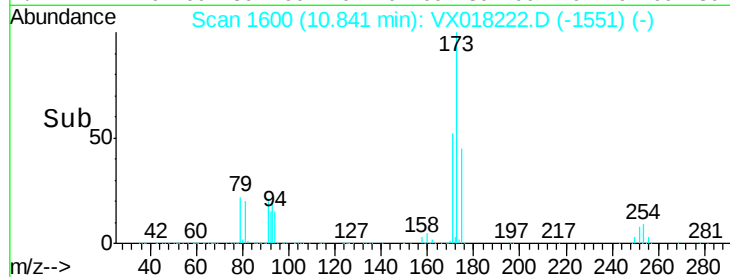
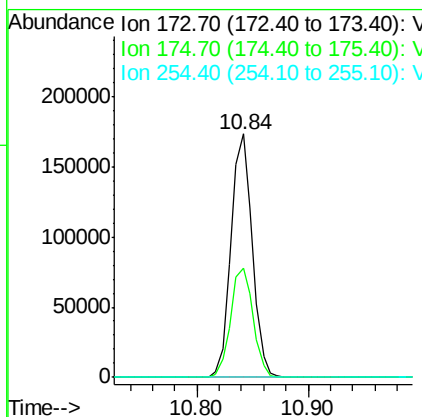
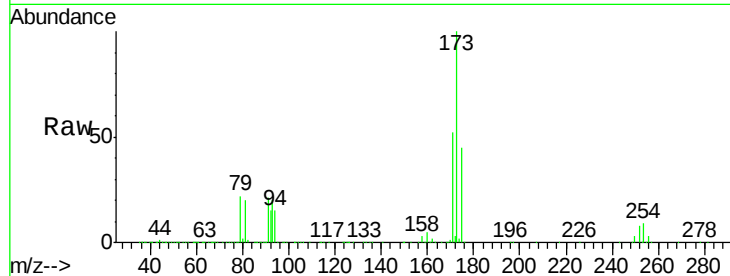
#71
Bromoform
Concen: 52.439 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
173	100	228511		
175	47.5	23.9	71.8	
254	0.2	0.2	0.2	

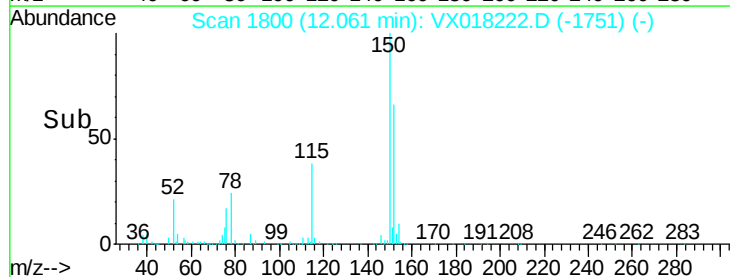
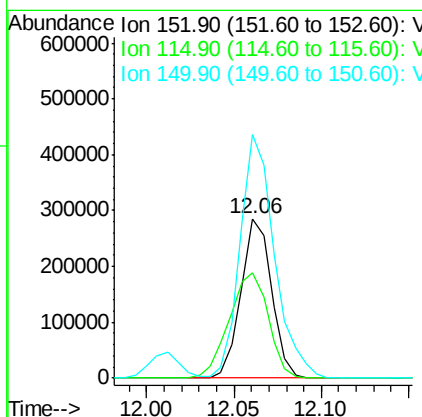
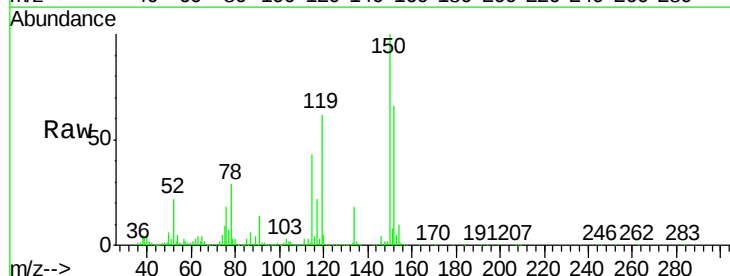
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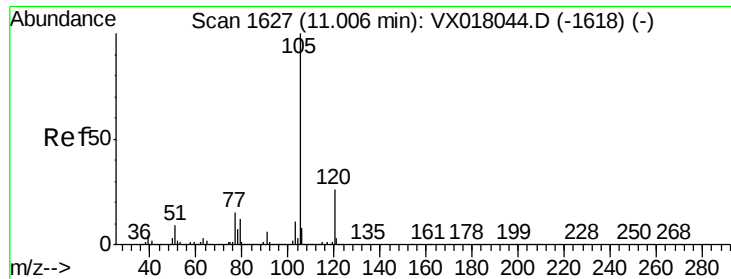
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	349099		
115	84.3	41.5	124.5	
150	170.4	0.0	343.8	





#73

Isopropylbenzene

Concen: 51.067 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1175923

Ion Ratio Lower Upper

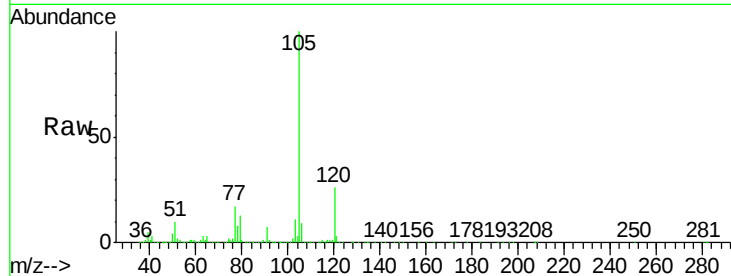
105 100

120 26.2 13.2 39.5

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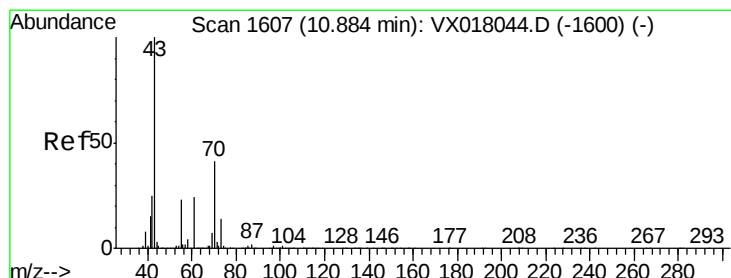
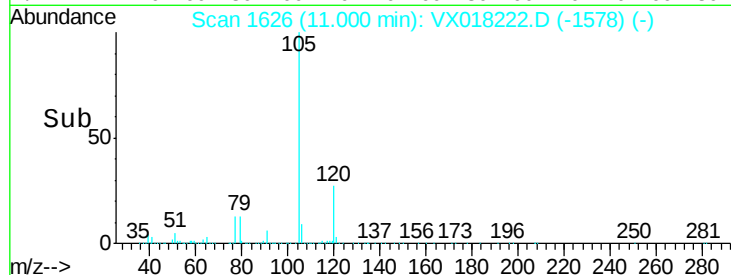
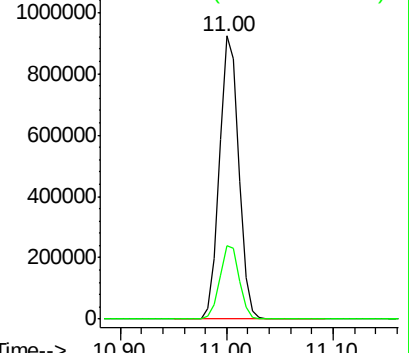
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 43.304 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Tgt Ion: 43 Resp: 473115

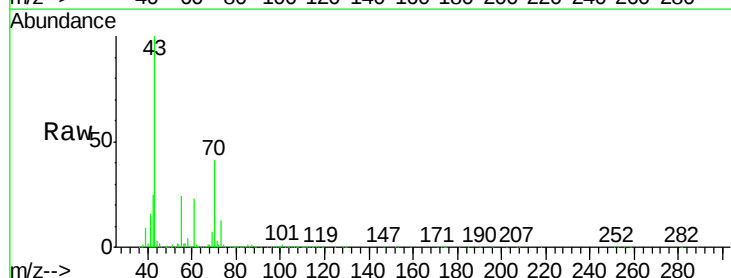
Ion Ratio Lower Upper

43 100

70 41.3 32.3 48.5

55 24.4 18.2 27.2

61 23.4 18.9 28.3

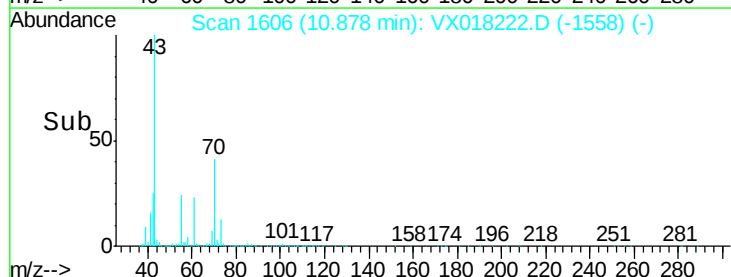
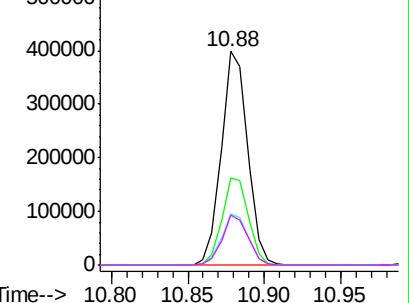


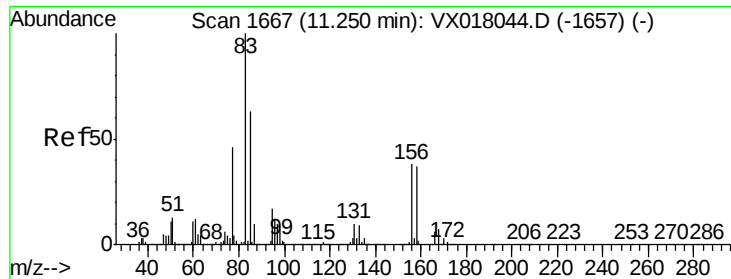
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 43.070 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

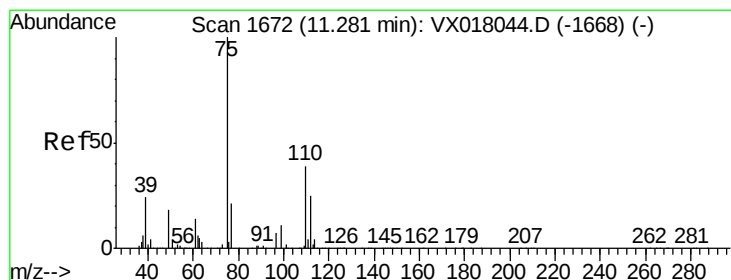
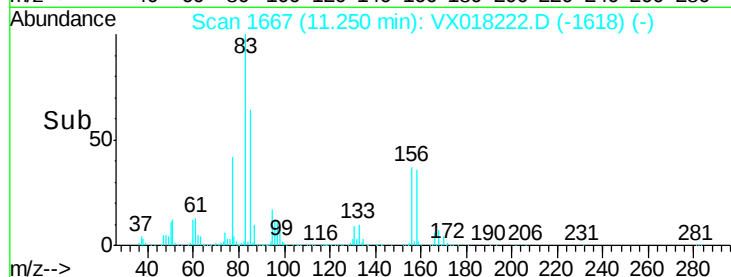
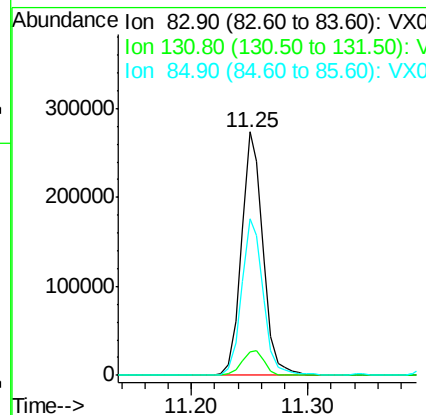
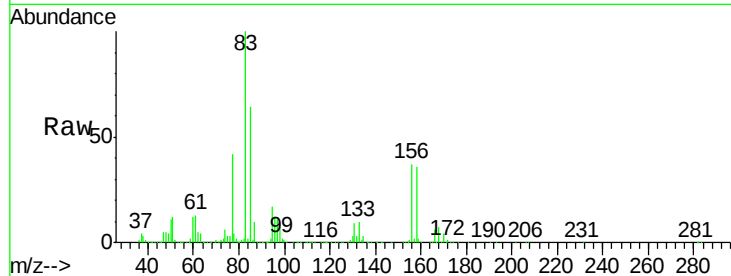
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	349859
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.1	15.4
85	64.7	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 43.674 ug/l m

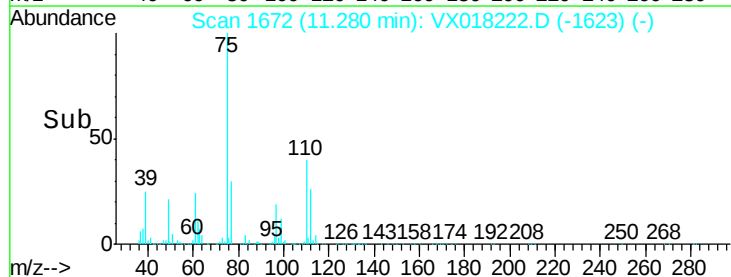
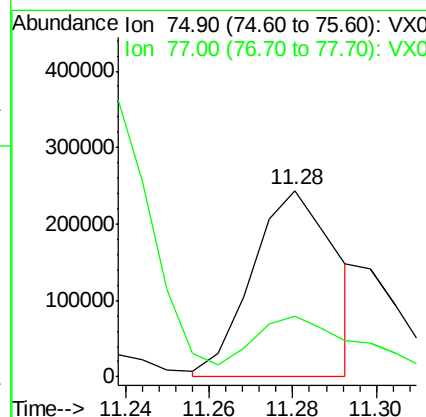
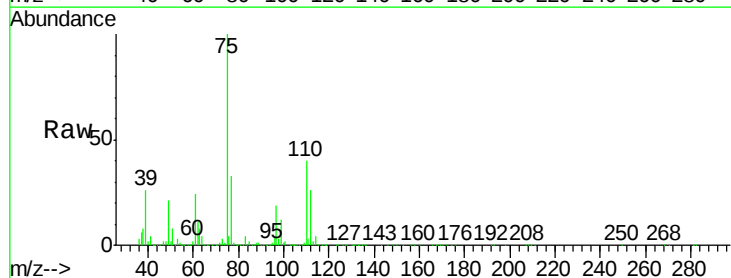
RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Tgt Ion:	75	Resp:	339166
Ion Ratio	Lower	Upper	
75	100		
77	42.0	20.8	62.2





#77

Bromobenzene

Concen: 47.834 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

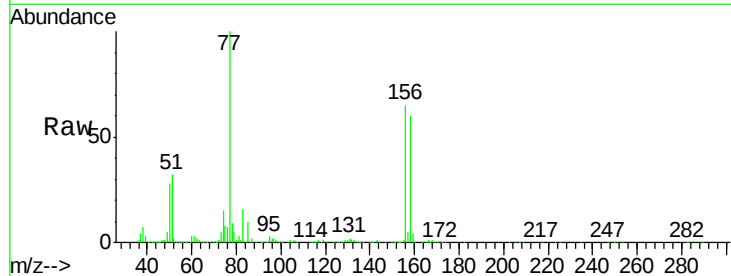
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	304470
Ion Ratio	Lower	Upper	
156	100		
77	151.5	80.0	240.2
158	95.4	49.5	148.7

Manual Integrations
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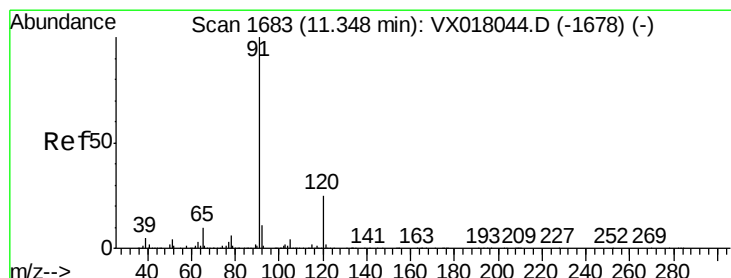
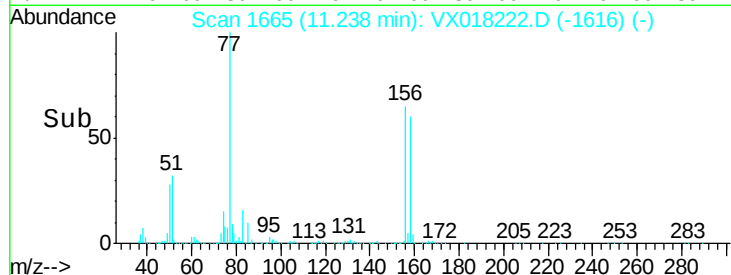
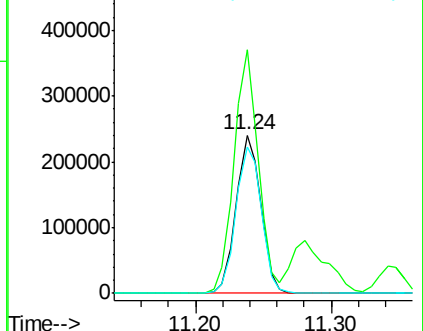
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.301 ug/l

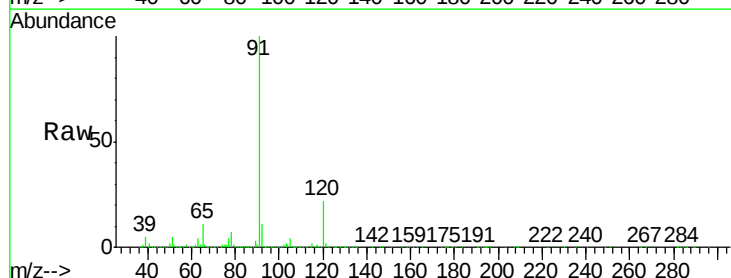
RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018222.D

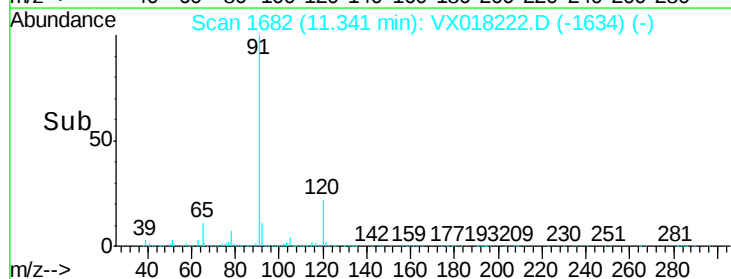
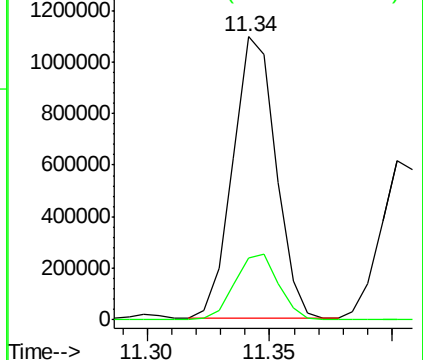
Acq: 03 Sep 2020 09:23

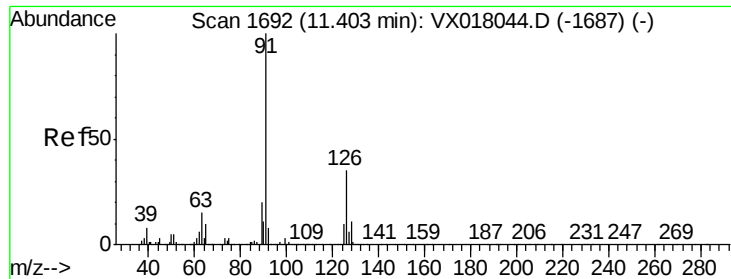
Tgt Ion:	91	Resp:	1341317
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.9	35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





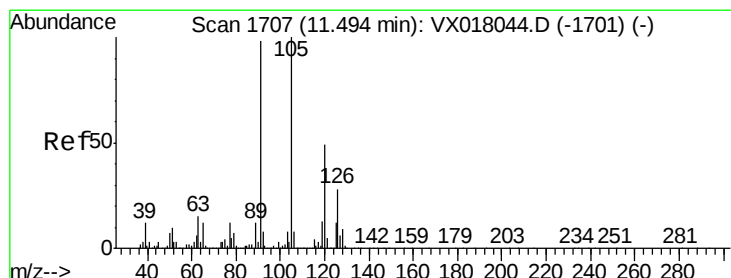
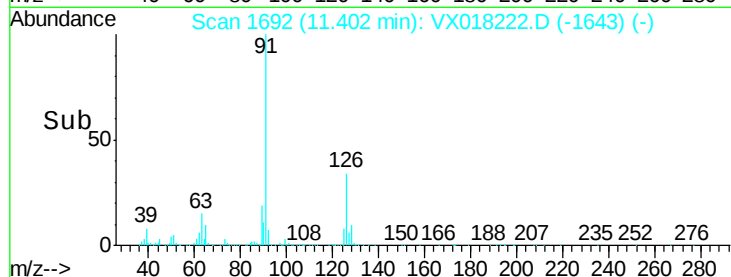
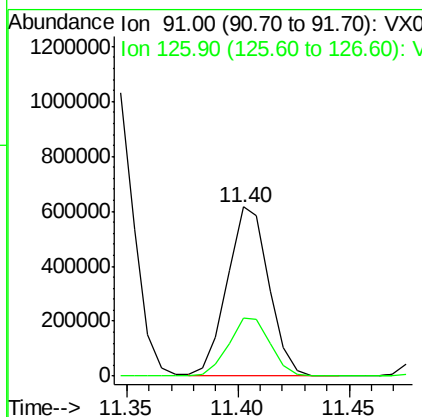
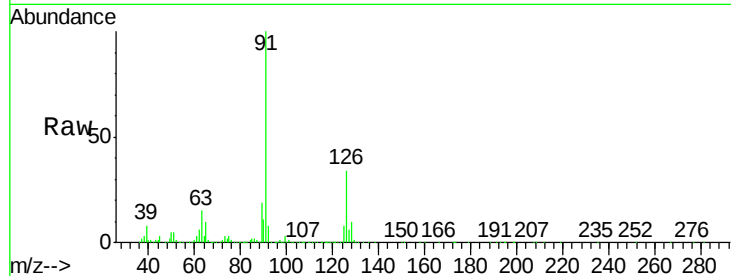
#79
2-Chlorotoluene
Concen: 49.256 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 795668
Ion Ratio Lower Upper
91 100
126 34.8 17.4 52.2

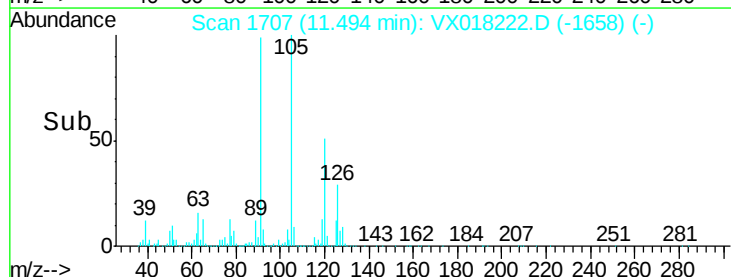
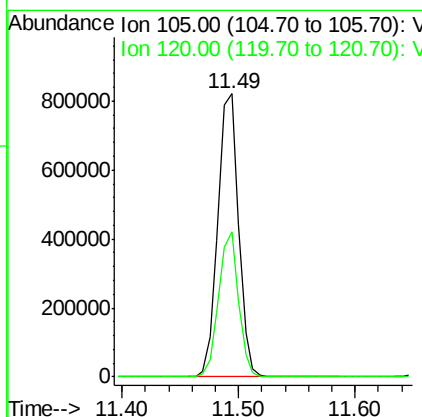
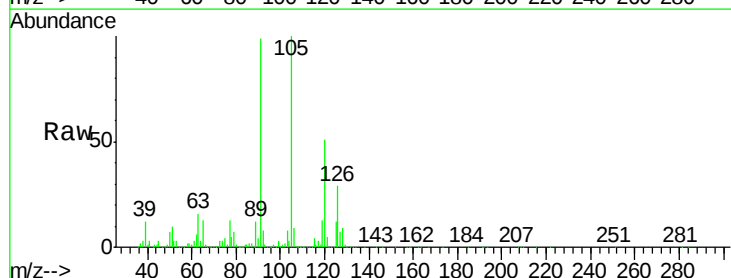
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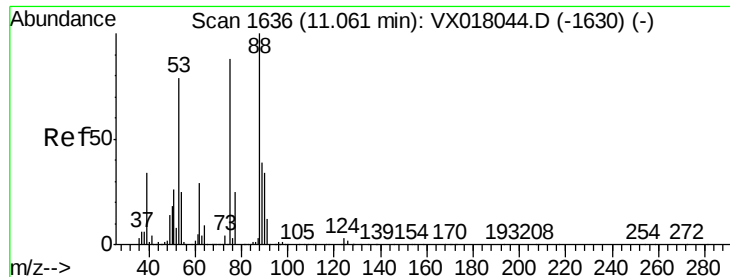
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 52.990 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Tgt Ion: 105 Resp: 1002695
Ion Ratio Lower Upper
105 100
120 48.9 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 46.295 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 133113

Ion Ratio Lower Upper

75 100

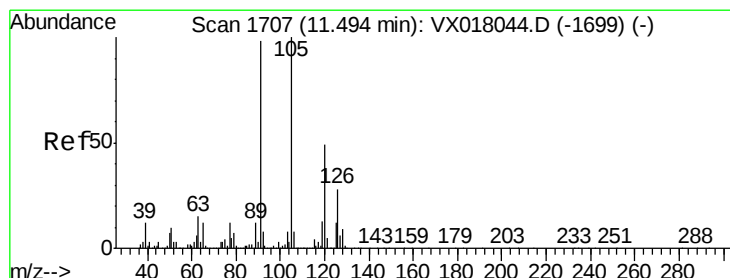
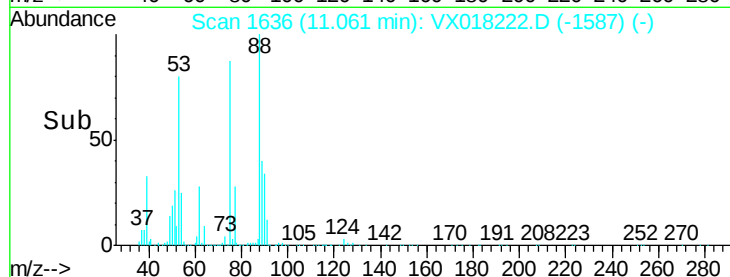
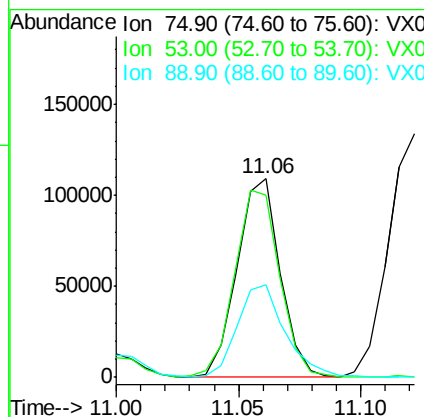
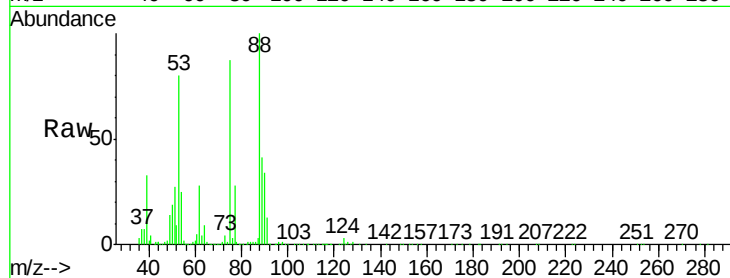
53 98.3 74.7 112.1

89 52.0 36.6 54.8

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#82

4-Chlorotoluene

Concen: 50.162 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018222.D

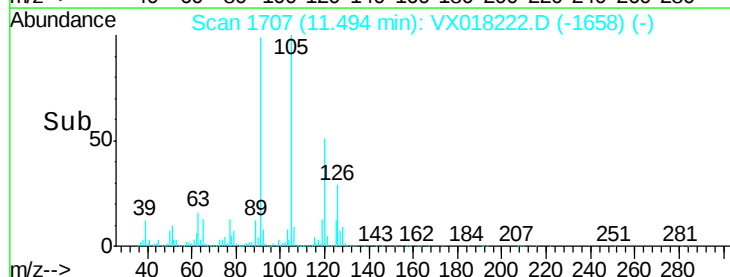
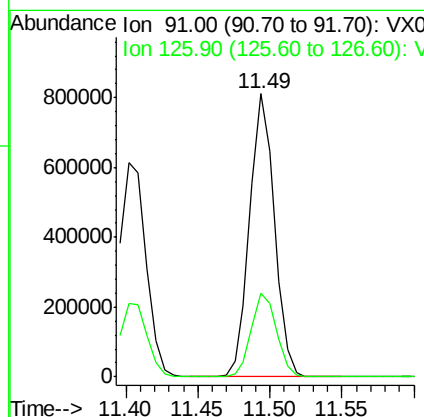
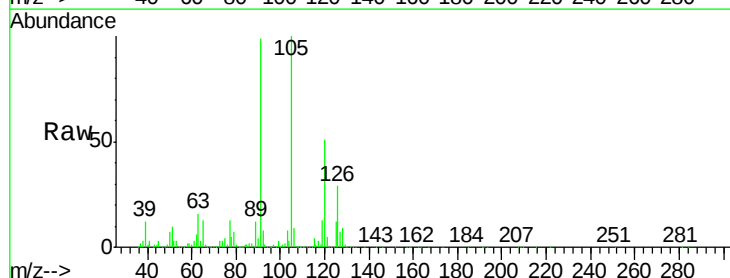
Acq: 03 Sep 2020 09:23

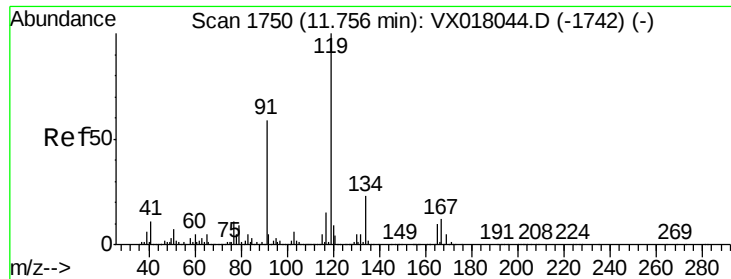
Tgt Ion: 91 Resp: 963289

Ion Ratio Lower Upper

91 100

126 29.9 15.1 45.3





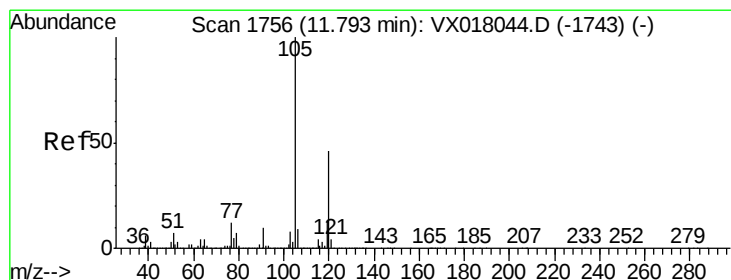
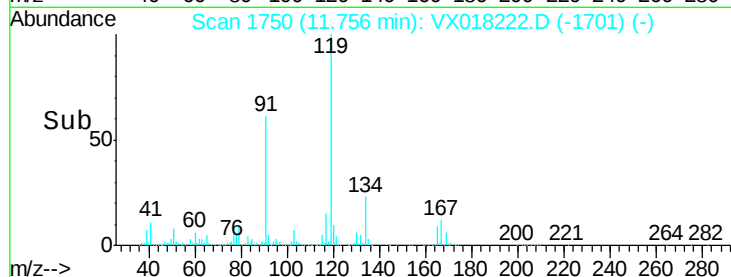
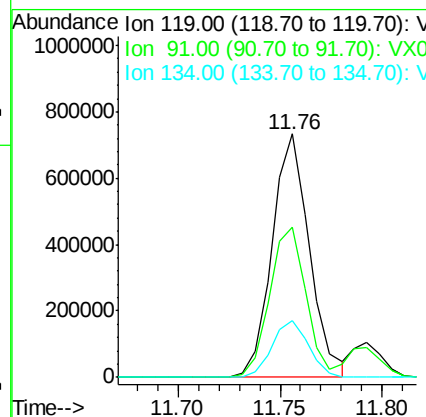
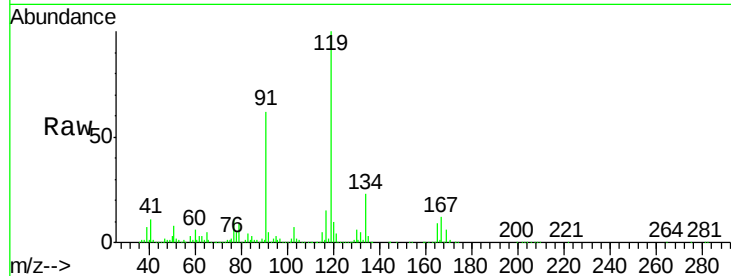
#83
tert-Butylbenzene
Concen: 49.977 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.2	28.2	84.7
134	22.8	11.3	33.8

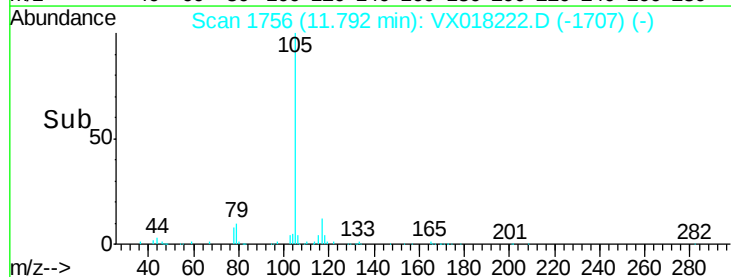
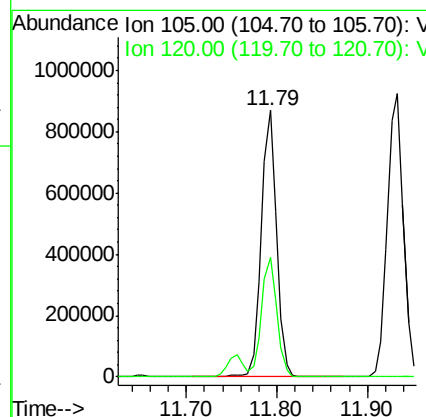
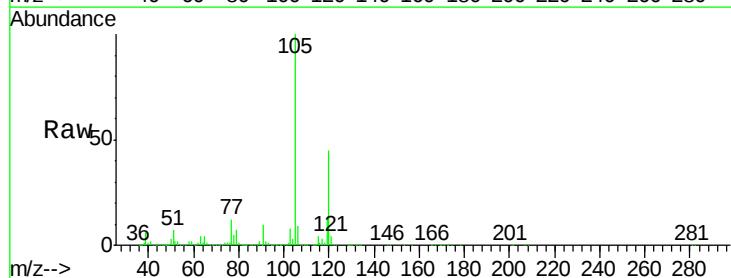
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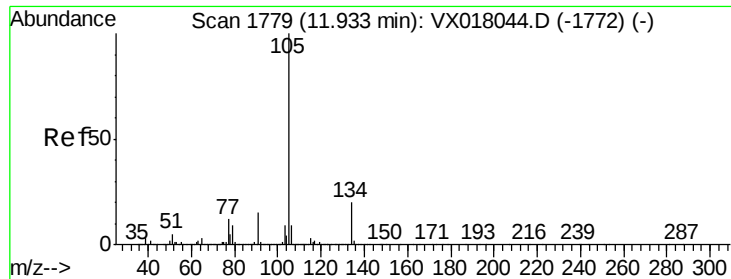
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 52.358 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.3	66.9





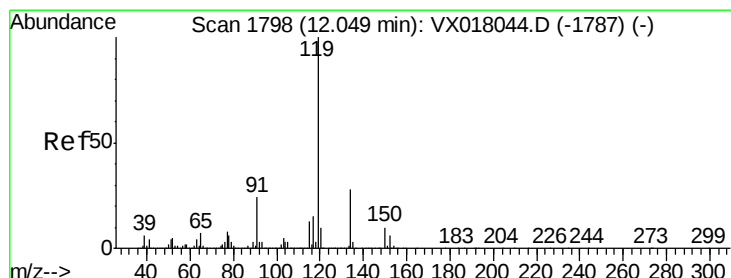
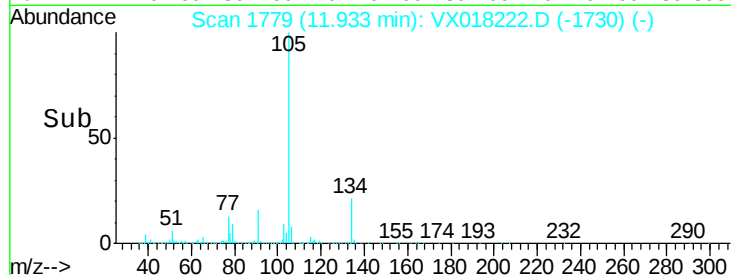
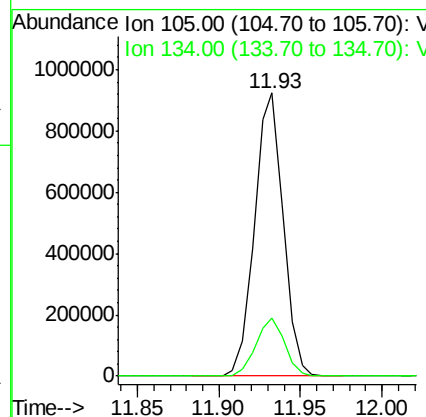
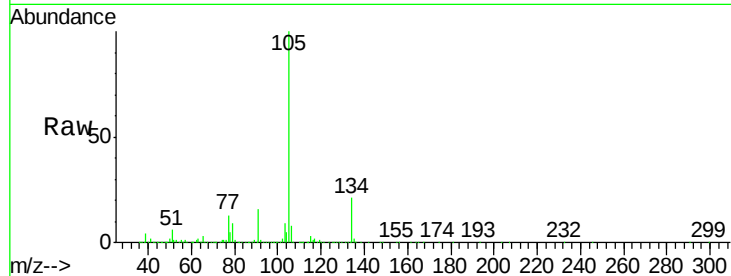
#85
 sec-Butylbenzene
 Concen: 53.137 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018222.D
 Acq: 03 Sep 2020 09:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 1128424
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.3

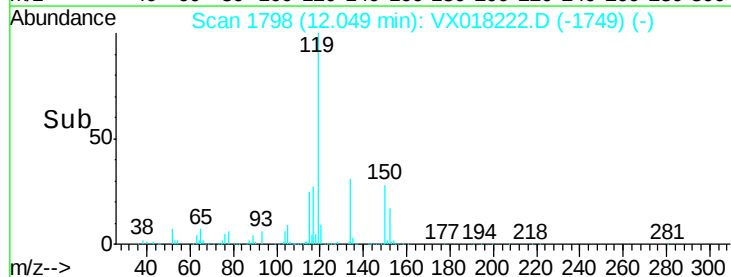
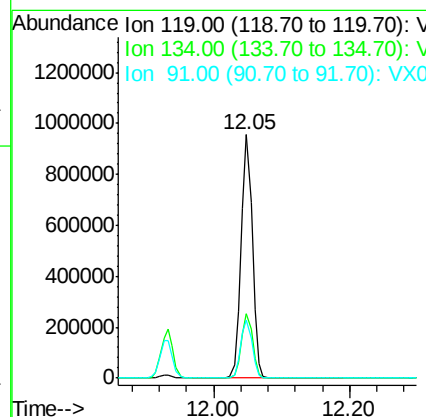
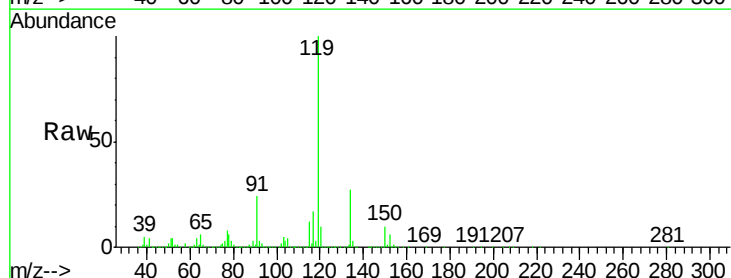
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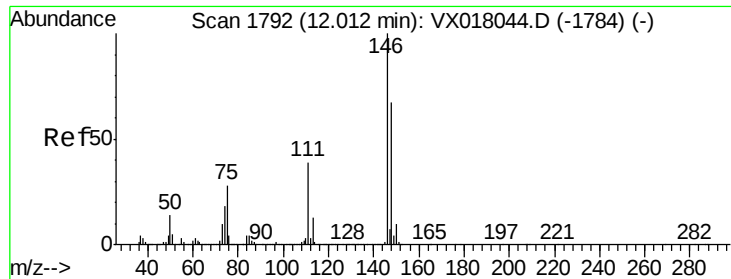
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#86
 p-Isopropyltoluene
 Concen: 55.894 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018222.D
 Acq: 03 Sep 2020 09:23

Tgt Ion:119 Resp: 1090309
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.2 39.5
 91 24.2 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 50.344 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

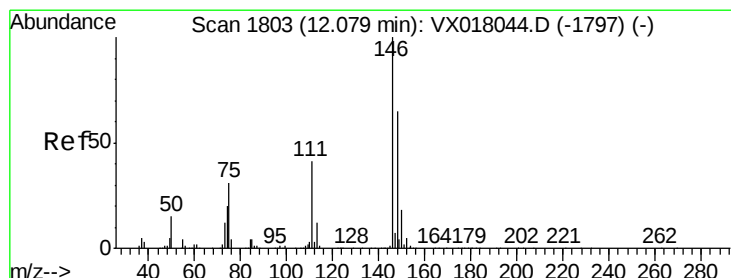
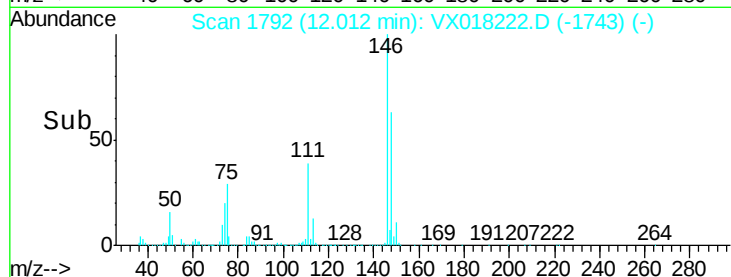
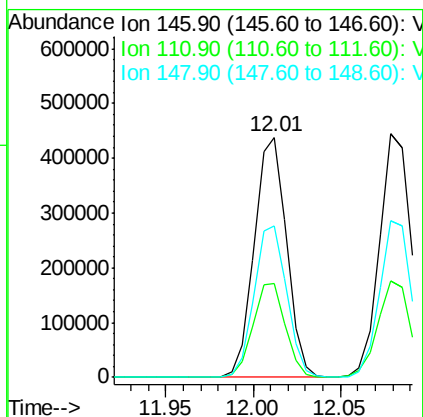
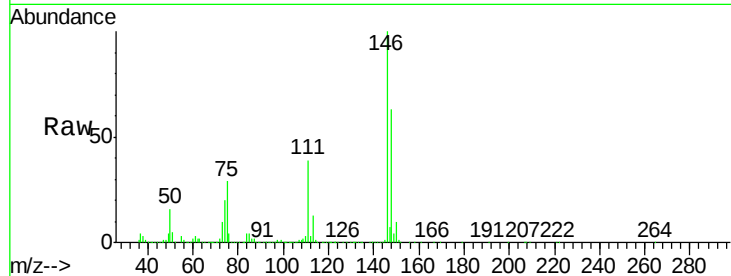
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	562615
Ion Ratio		Lower	Upper
146	100		
111	39.5	20.6	61.8
148	63.6	33.1	99.2

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#88

1,4-Dichlorobenzene

Concen: 49.833 ug/l

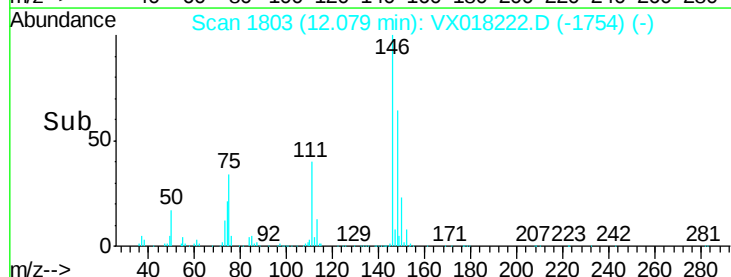
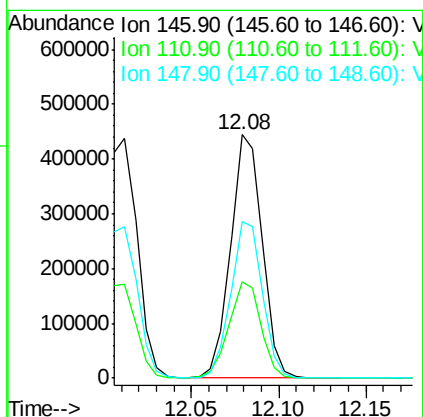
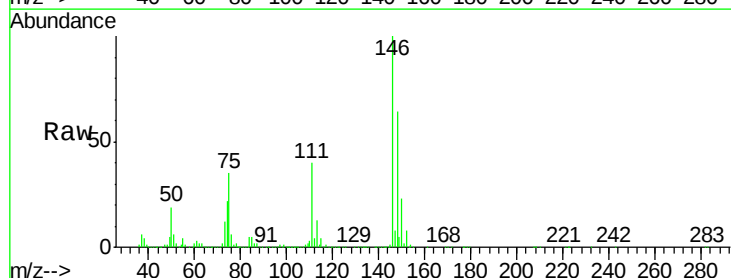
RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Tgt Ion:	146	Resp:	557606
Ion Ratio		Lower	Upper
146	100		
111	40.1	20.3	60.8
148	64.6	33.1	99.2





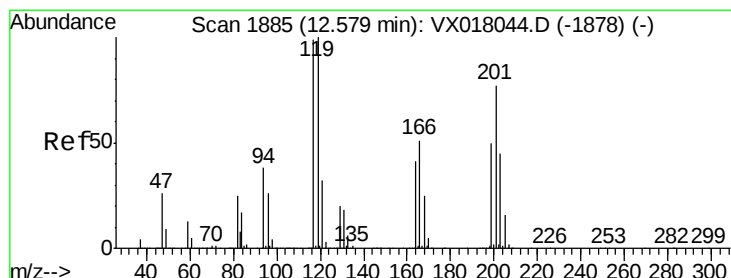
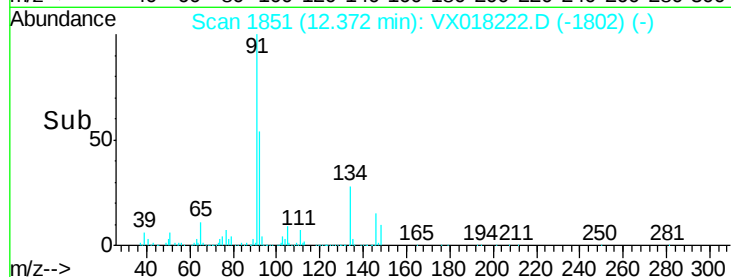
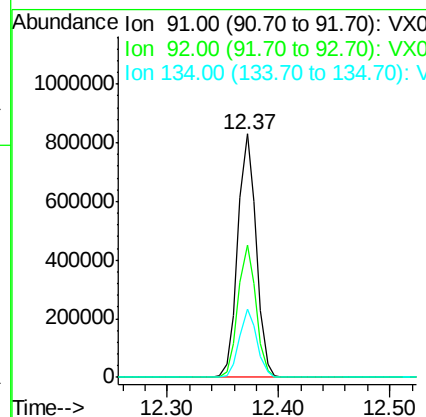
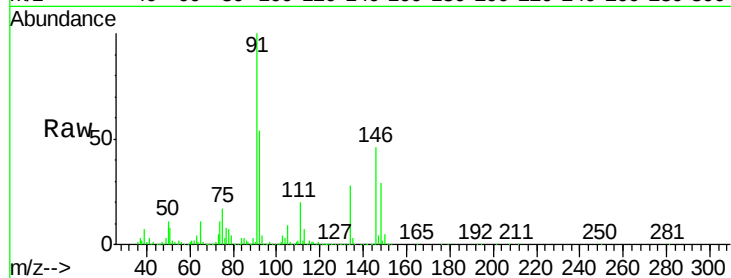
#89
n-Butylbenzene
Concen: 53.283 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.4	79.2
134	27.0	12.9	38.7

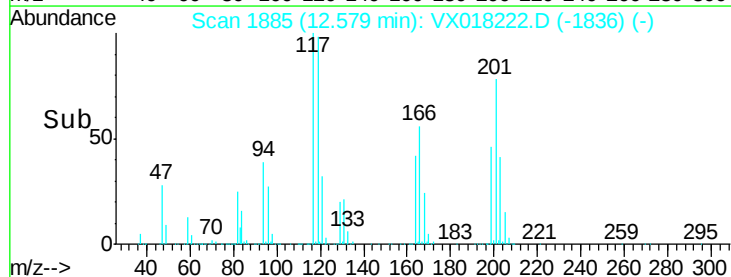
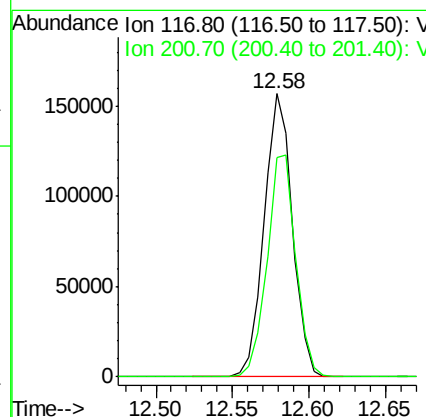
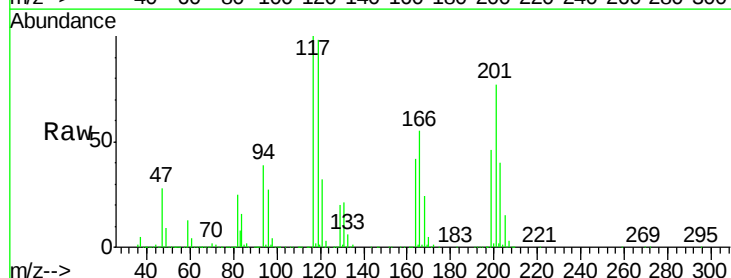
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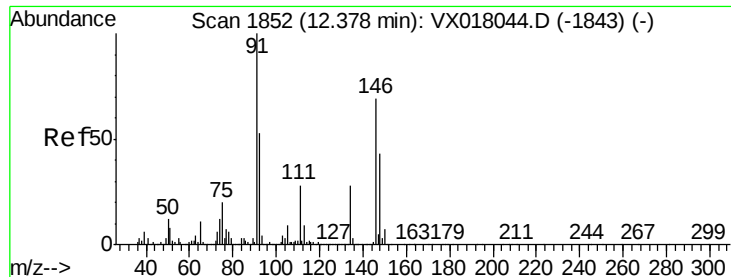
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#90
Hexachloroethane
Concen: 52.704 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.9	38.5	115.3





#91

1,2-Dichlorobenzene

Concen: 50.318 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

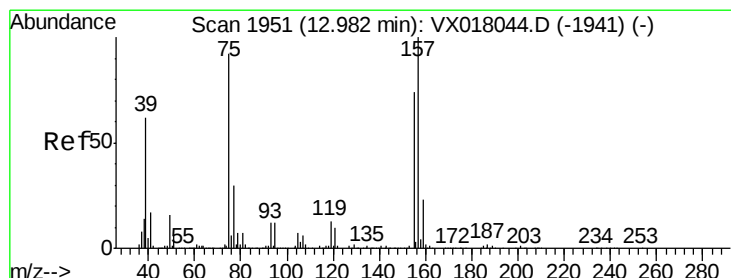
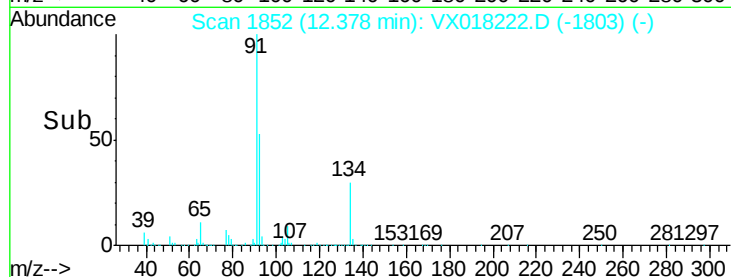
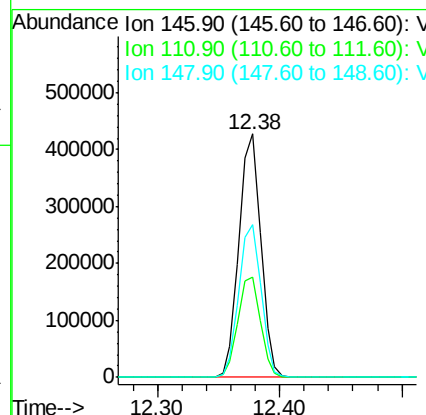
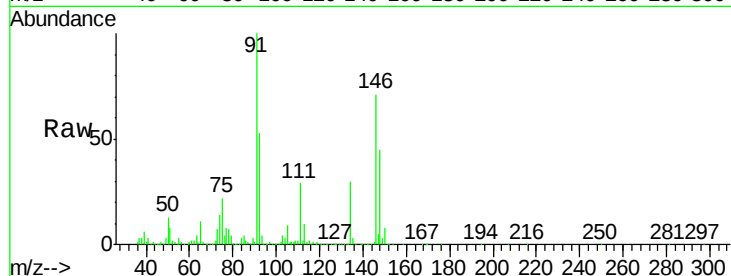
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	529324
Ion Ratio	Lower	Upper	
146	100		
111	42.1	20.8	62.5
148	63.5	31.6	95.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 43.599 ug/l

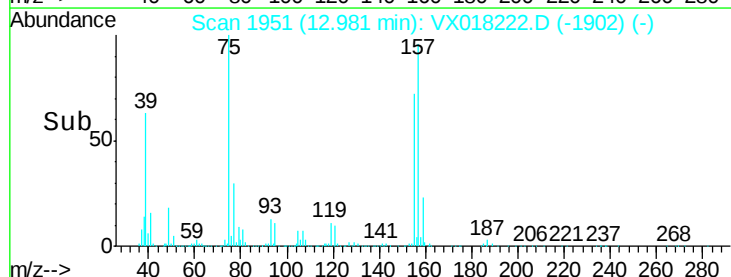
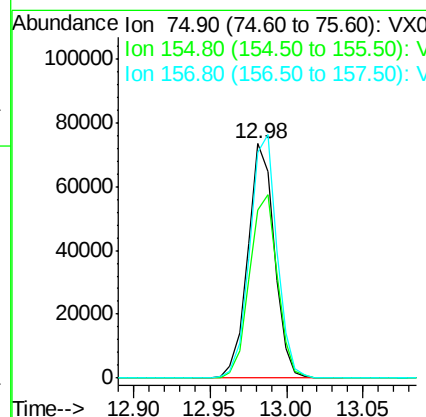
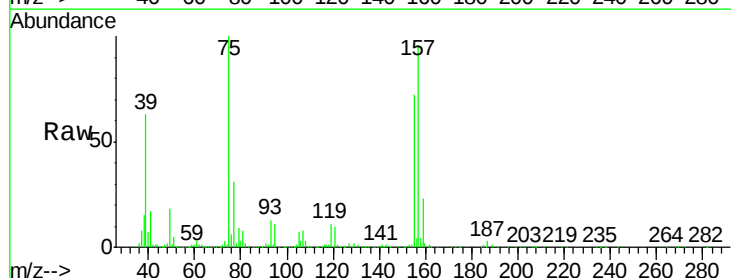
RT: 12.98 min Scan# 1951

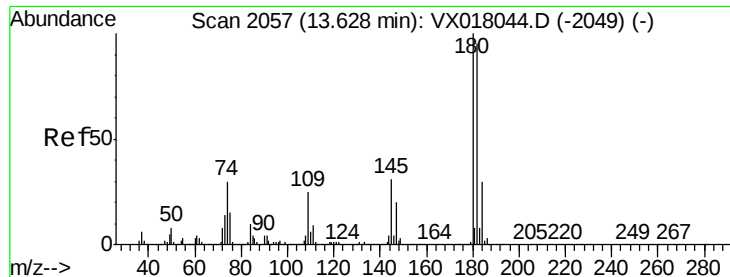
Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Tgt Ion:	75	Resp:	88553
Ion Ratio	Lower	Upper	
75	100		
155	82.0	40.2	120.6
157	105.9	55.0	165.2





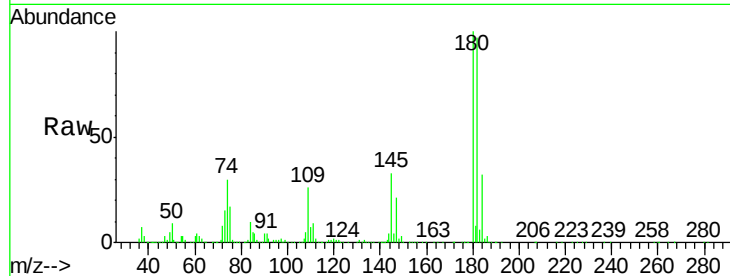
#93
 1,2,4-Trichlorobenzene
 Concen: 52.020 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018222.D
 Acq: 03 Sep 2020 09:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

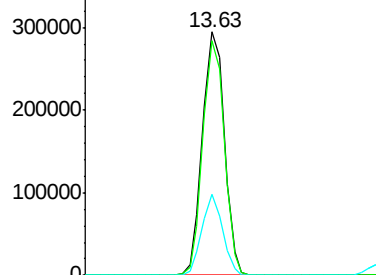
Tot Ion:	180	Resp:	364908
Ion Ratio	Lower	Upper	
180	100		
182	94.1	47.5	142.6
145	31.3	15.7	47.1

Manual Integrations
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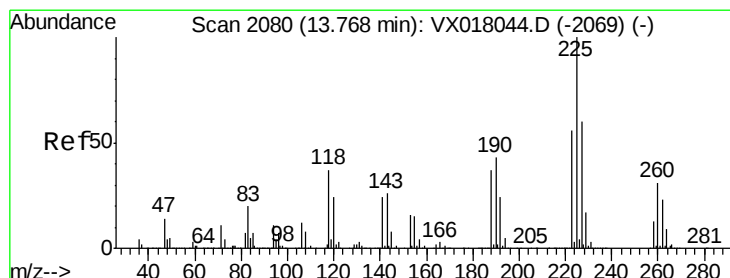
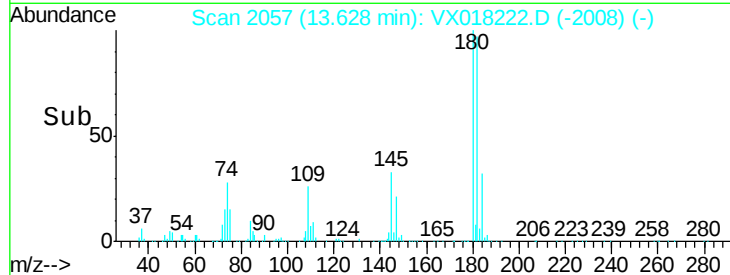
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Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

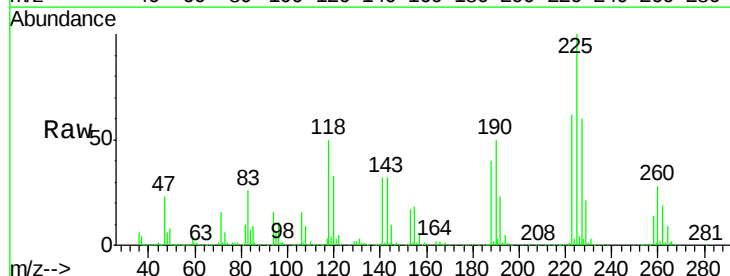


Time-->

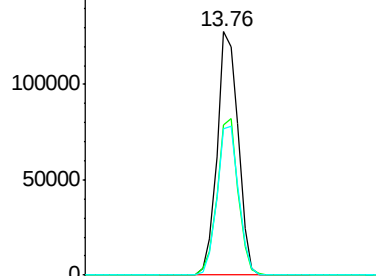


#94
 Hexachlorobutadiene
 Concen: 58.393 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018222.D
 Acq: 03 Sep 2020 09:23

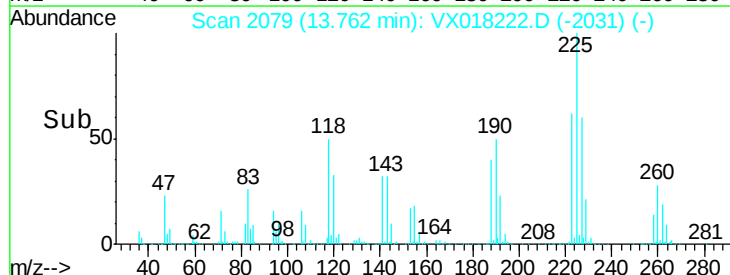
Tgt Ion:	225	Resp:	161564
Ion Ratio	Lower	Upper	
225	100		
223	64.0	30.7	92.1
227	62.7	32.6	97.8

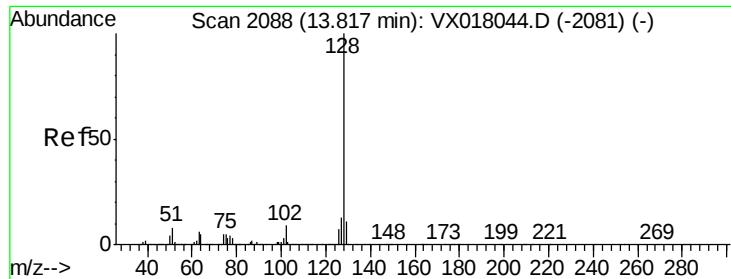


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->





#95

Naphthalene

Concen: 48.357 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

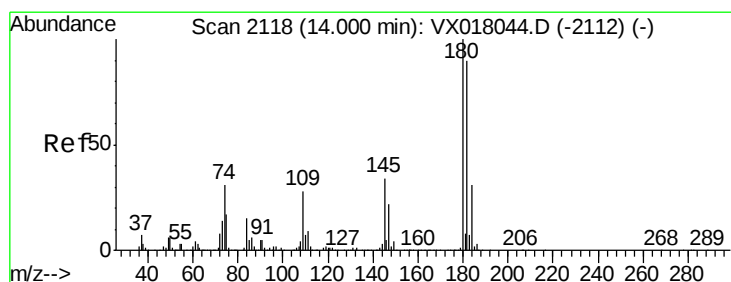
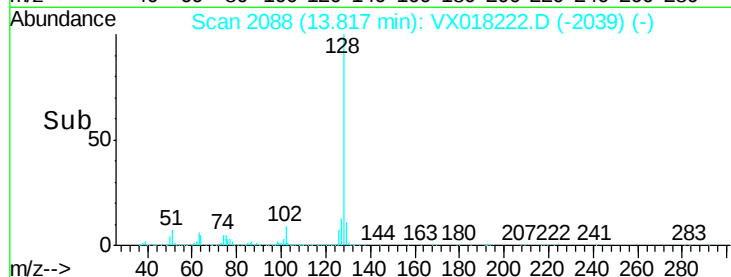
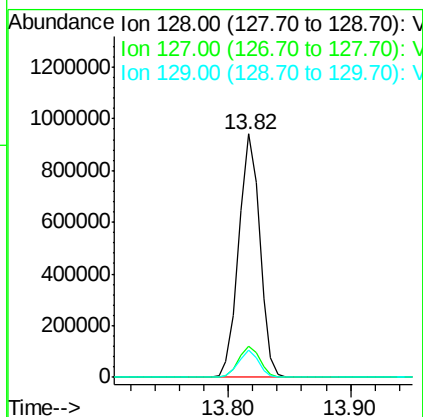
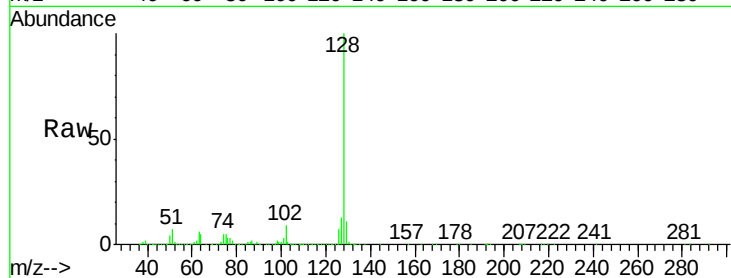
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	1116367
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/4/2020 9:28:47 AM



#96

1,2,3-Trichlorobenzene

Concen: 51.907 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Tgt Ion:	180	Resp:	359780
Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.3	142.0
145	32.9	17.5	52.6

