

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012720\
 Data File : VX014738.D
 Acq On : 27 Jan 2020 19:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/28/2020 11:18:08 AM

Quant Time: Jan 28 06:15:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	426775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	658620	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	607810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	312177	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	254283	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
35) Dibromofluoromethane	5.49	113	212840	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
50) Toluene-d8	8.71	98	806580	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	11.13	95	287379	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	270164	47.192	ug/l	98
3) Chloromethane	1.32	50	278653	48.264	ug/l	99
4) Vinyl Chloride	1.41	62	316854	50.757	ug/l	100
5) Bromomethane	1.63	94	195241	46.046	ug/l	100
6) Chloroethane	1.72	64	179829	50.361	ug/l	100
7) Trichlorofluoromethane	1.92	101	342771	47.157	ug/l	99
8) Diethyl Ether	2.18	74	154821	48.798	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	203505	47.692	ug/l	98
10) Methyl Iodide	2.50	142	293349	52.393	ug/l	99
11) Tert butyl alcohol	3.03	59	255770	228.591	ug/l	100
12) 1,1-Dichloroethene	2.37	96	202223	47.666	ug/l	99
13) Acrolein	2.28	56	313520	355.374	ug/l	100
14) Allyl chloride	2.72	41	374431	49.101	ug/l	99
15) Acrylonitrile	3.13	53	652454	252.023	ug/l	100
16) Acetone	2.43	43	548688	200.910	ug/l	99
17) Carbon Disulfide	2.56	76	528133	45.547	ug/l	98
18) Methyl Acetate	2.76	43	388837	49.872	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	713202	51.324	ug/l	98
20) Methylene Chloride	2.85	84	245307	48.535	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	221192	47.351	ug/l	96
22) Diisopropyl ether	3.84	45	778543	51.316	ug/l	99
23) Vinyl Acetate	3.80	43	3096214	267.718	ug/l	100
24) 1,1-Dichloroethane	3.69	63	410778	49.856	ug/l	99
25) 2-Butanone	4.65	43	904571	231.145	ug/l	99
26) 2,2-Dichloropropane	4.58	77	310397	47.066	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	259534	49.642	ug/l	99
28) Bromochloromethane	5.01	49	170325	47.043	ug/l	97
29) Tetrahydrofuran	5.11	42	596770	256.930	ug/l	100
30) Chloroform	5.20	83	406740	49.834	ug/l	100
31) Cyclohexane	5.57	56	369705	47.707	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	338465	49.059	ug/l	99
36) 1,1-Dichloropropene	5.79	75	301574	49.278	ug/l	99
37) Ethyl Acetate	4.82	43	357157	50.955	ug/l	99
38) Carbon Tetrachloride	5.78	117	285662	48.875	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	369048	48.136	ug/l	97
40) Benzene	6.14	78	941953	49.815	ug/l	97
41) Methacrylonitrile	5.03	41	195518	48.888	ug/l	98
42) 1,2-Dichloroethane	6.19	62	325821	49.898	ug/l	100
43) Isopropyl Acetate	6.43	43	574137	50.020	ug/l	100
44) Trichloroethene	7.21	130	257611	48.231	ug/l	98
45) 1,2-Dichloropropane	7.51	63	248305	50.972	ug/l	99
46) Dibromomethane	7.65	93	159715	50.622	ug/l	99
47) Bromodichloromethane	7.89	83	316976	51.224	ug/l	98
48) Methyl methacrylate	7.76	41	284147	51.812	ug/l	97
49) 1,4-Dioxane	7.73	88	112673	969.218	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1839265	253.888	ug/l	100
52) Toluene	8.78	92	589936	50.753	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	350210	52.560	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	389374	53.121	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	245167	51.517	ug/l	98
56) Ethyl methacrylate	9.17	69	388348	48.201	ug/l	100
57) 1,3-Dichloropropane	9.37	76	415791	51.110	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	647082	270.370	ug/l	99
59) 2-Hexanone	9.48	43	1390179	247.295	ug/l	98
60) Dibromochloromethane	9.57	129	257273	51.793	ug/l	100
61) 1,2-Dibromoethane	9.67	107	254350	50.550	ug/l	100
64) Tetrachloroethene	9.33	164	262864	43.690	ug/l	98
65) Chlorobenzene	10.14	112	636907	48.990	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	236640	49.367	ug/l	99
67) Ethyl Benzene	10.25	91	1125976	50.723	ug/l	99
68) m/p-Xylenes	10.36	106	858407	102.072	ug/l	100
69) o-Xylene	10.70	106	418041	51.490	ug/l	98
70) Styrene	10.71	104	717098	52.654	ug/l	100
71) Bromoform	10.85	173	198465	52.064	ug/l #	99
73) Isopropylbenzene	11.01	105	1093861	49.834	ug/l	100
74) N-amyl acetate	10.89	43	513205	53.354	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	371739	47.432	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	311089m	42.832	ug/l	
77) Bromobenzene	11.25	156	288416	48.910	ug/l	97
78) n-propylbenzene	11.35	91	1240001	49.768	ug/l	99
79) 2-Chlorotoluene	11.42	91	743916	49.346	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	914865	50.218	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	123332	48.324	ug/l	99
82) 4-Chlorotoluene	11.51	91	862409	50.249	ug/l	99
83) tert-Butylbenzene	11.76	119	878143	51.297	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	924637	50.600	ug/l	99
85) sec-Butylbenzene	11.94	105	1053482	50.234	ug/l	100
86) p-Isopropyltoluene	12.06	119	977996	50.461	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	510482	48.169	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	509866	48.030	ug/l	100
89) n-Butylbenzene	12.39	91	834968	49.465	ug/l	100
90) Hexachloroethane	12.59	117	175566	48.770	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	512149	48.657	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	80910	48.051	ug/l	98

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VSTDCCC050EC

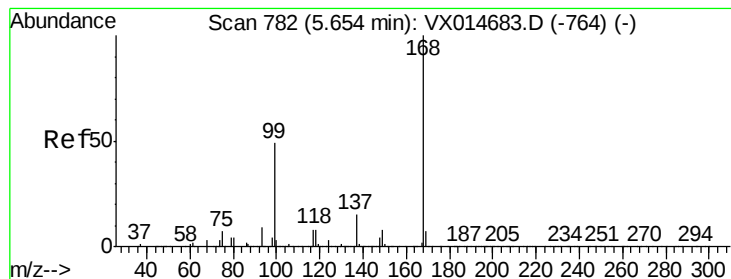
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	344122	50.710	ug/l	98
94) Hexachlorobutadiene	13.78	225	163187	46.722	ug/l	98
95) Naphthalene	13.83	128	1050929	48.062	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	353855	51.570	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014738.D

Acq: 27 Jan 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 426775

Ion Ratio Lower Upper

168 100

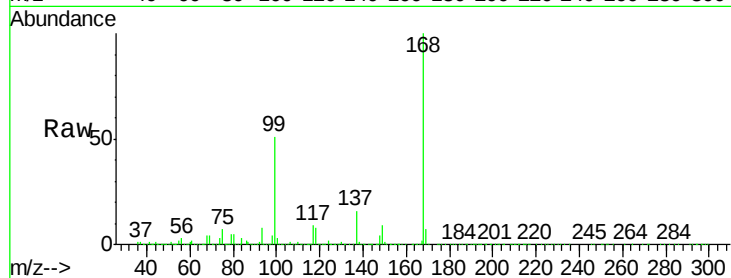
99 50.8 39.8 59.6

Manual Integrations

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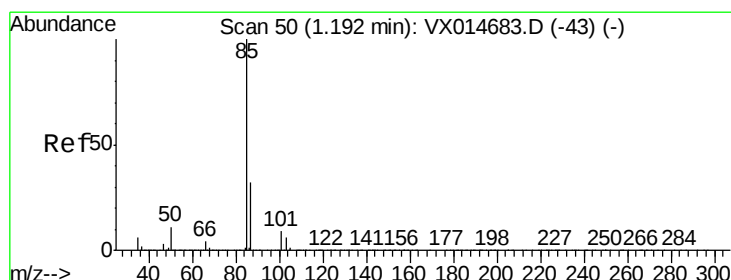
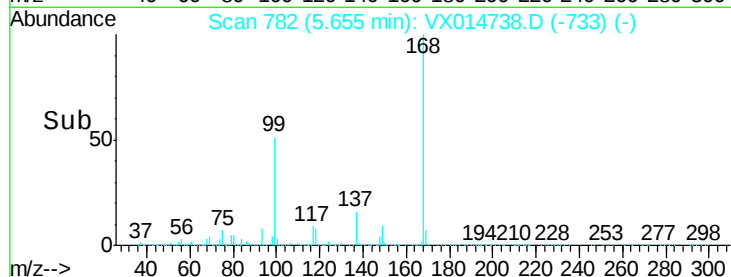
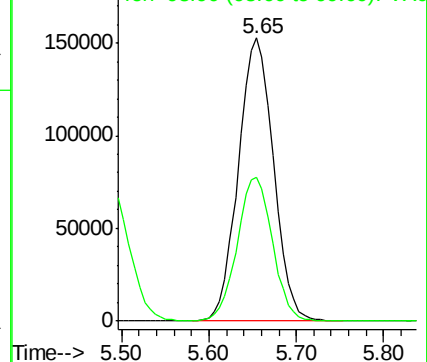
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 47.192 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014738.D

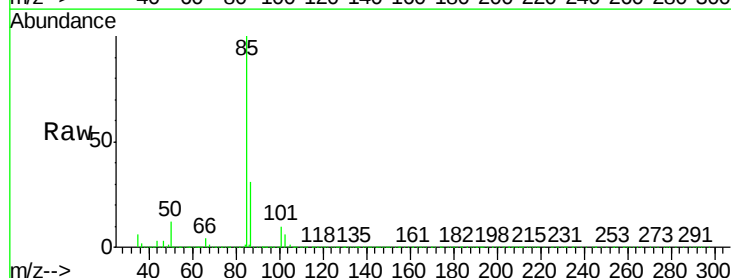
Acq: 27 Jan 2020 19:47

Tgt Ion: 85 Resp: 270164

Ion Ratio Lower Upper

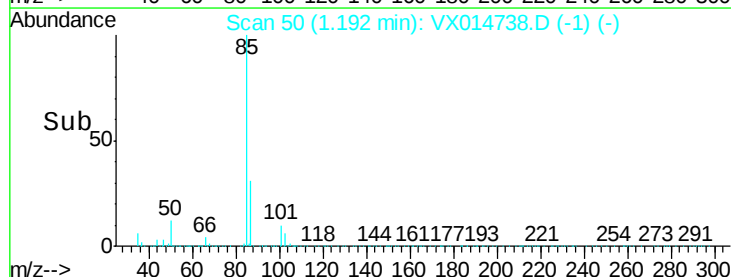
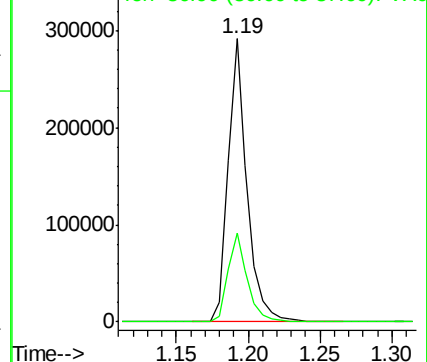
85 100

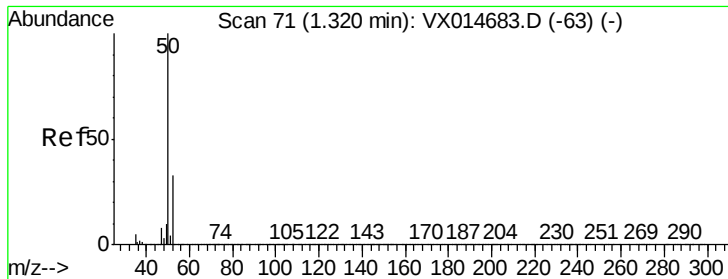
87 31.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.264 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014738.D

Acq: 27 Jan 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 278653

Ion Ratio Lower Upper

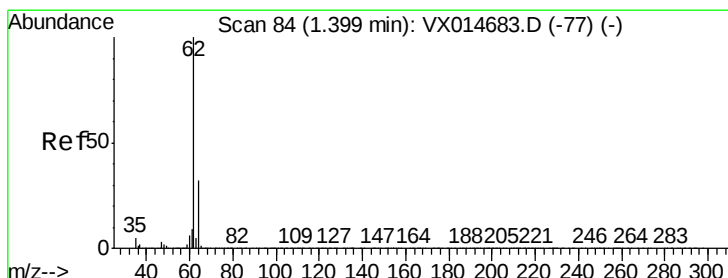
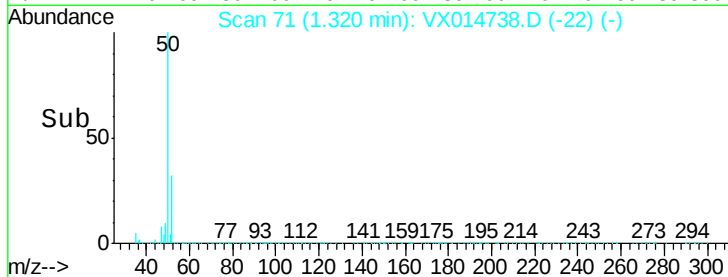
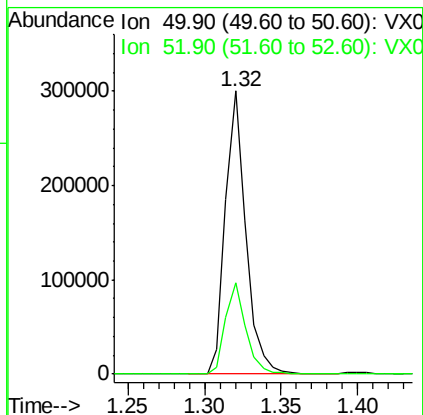
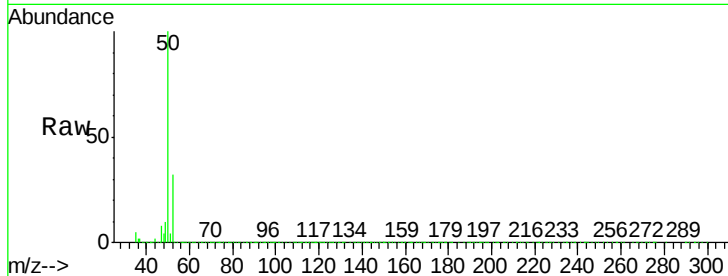
50 100

52 32.4 26.2 39.2

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#4

Vinyl Chloride

Concen: 50.757 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.01 min

Lab File: VX014738.D

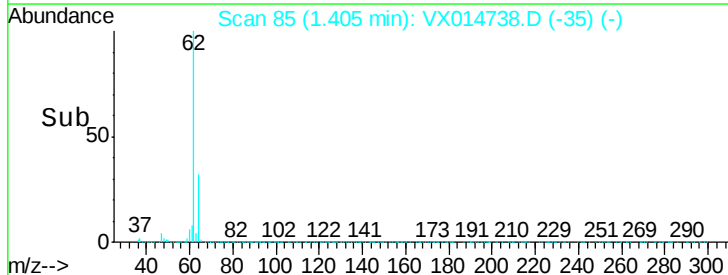
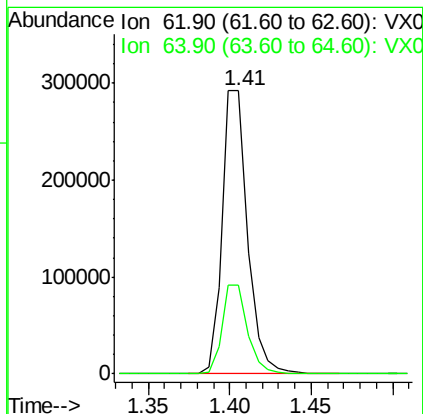
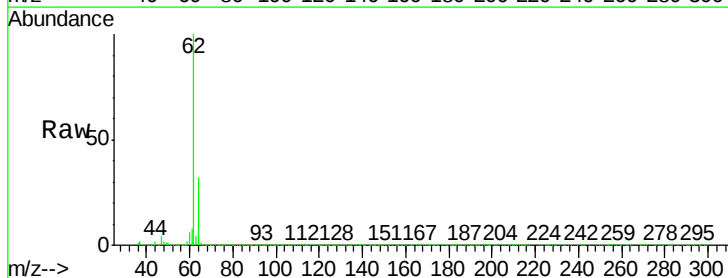
Acq: 27 Jan 2020 19:47

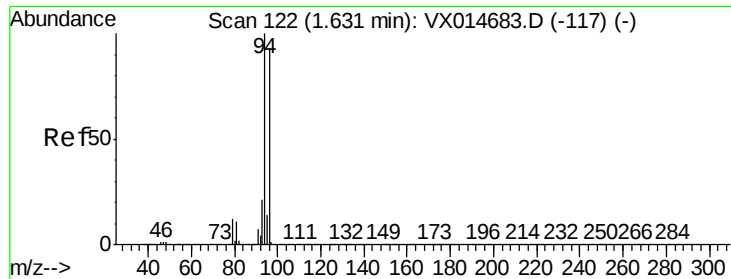
Tgt Ion: 62 Resp: 316854

Ion Ratio Lower Upper

62 100

64 31.6 25.4 38.2





#5

Bromomethane

Concen: 46.046 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014738.D

Acq: 27 Jan 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 195241

Ion Ratio Lower Upper

94 100

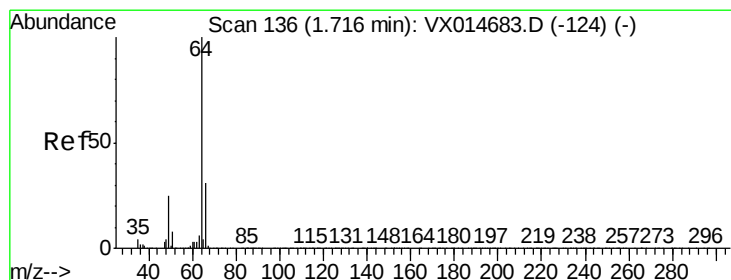
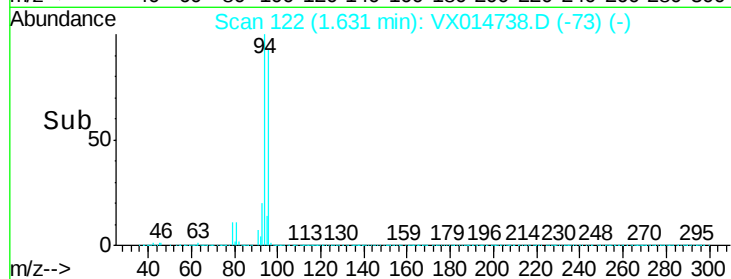
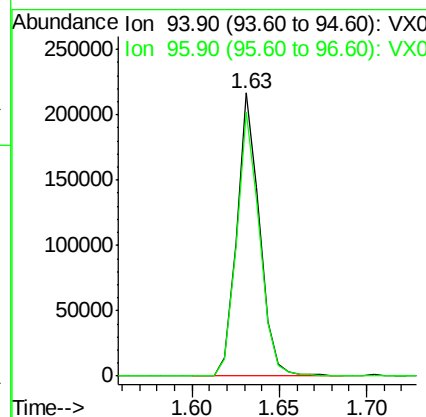
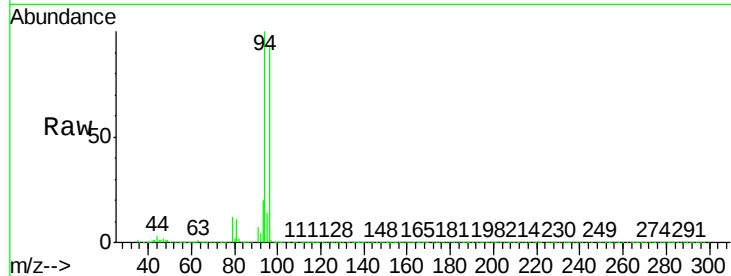
96 93.3 74.7 112.1

Manual Integrations

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#6

Chloroethane

Concen: 50.361 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014738.D

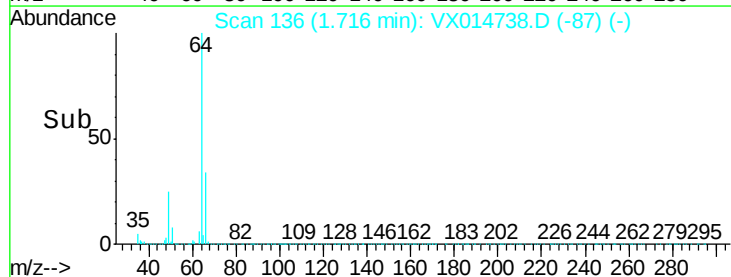
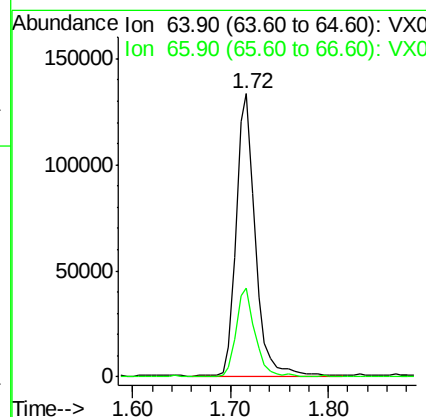
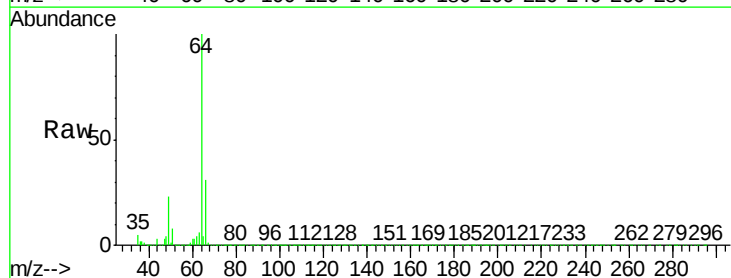
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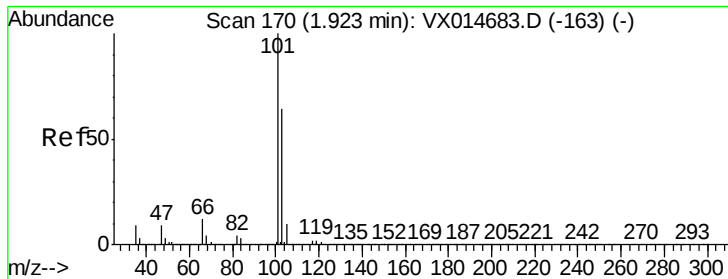
Tgt Ion: 64 Resp: 179829

Ion Ratio Lower Upper

64 100

66 31.3 25.2 37.8





#7

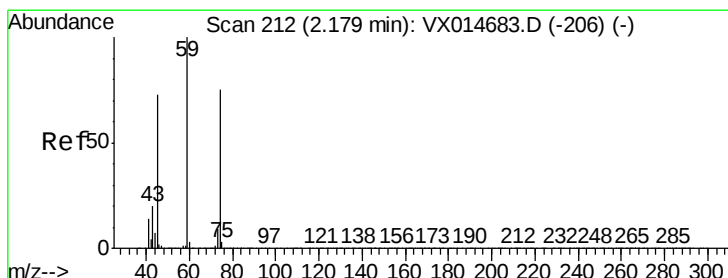
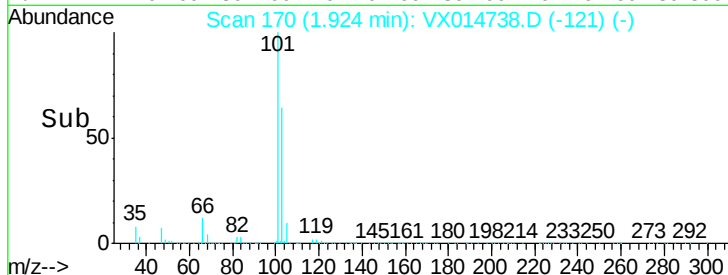
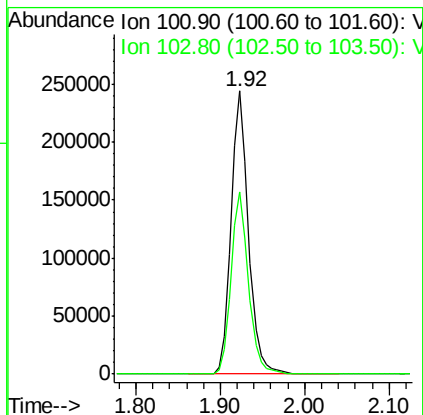
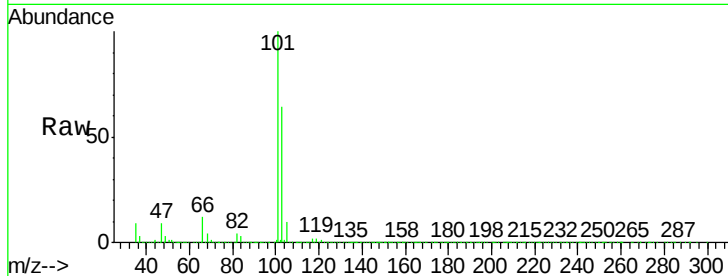
Trichlorofluoromethane
Concen: 47.157 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014738.D
Acq: 27 Jan 2020 19:47

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VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.0	76.6

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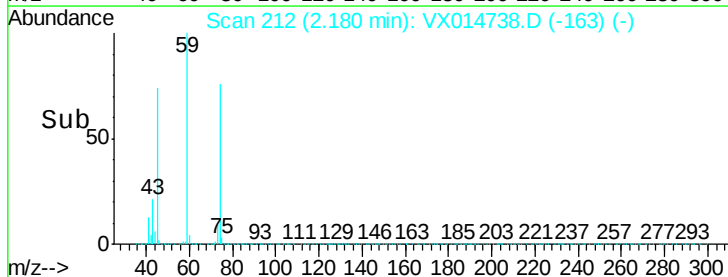
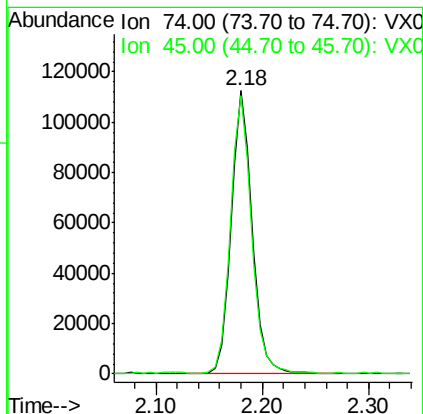
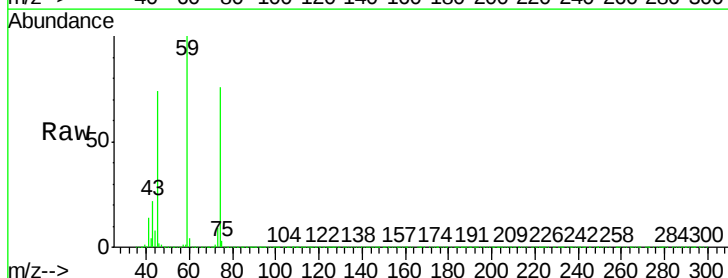
MMDadoda
1/28/2020 11:18:08 AM

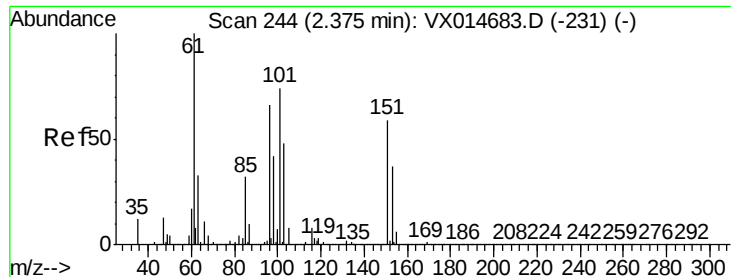


#8

Diethyl Ether
Concen: 48.798 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014738.D
Acq: 27 Jan 2020 19:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.4	49.4	148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.692 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014738.D

Acq: 27 Jan 2020 19:47

Instrument :

MSVOA_X

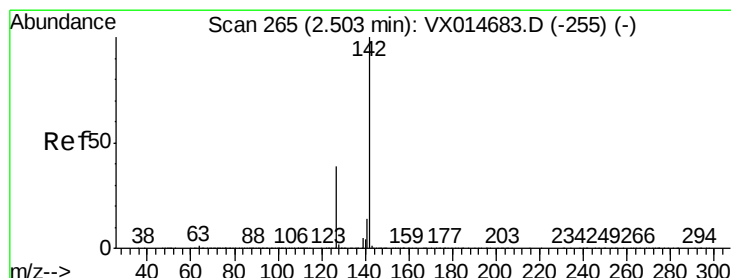
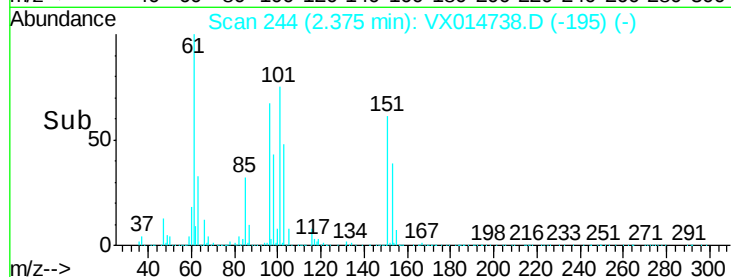
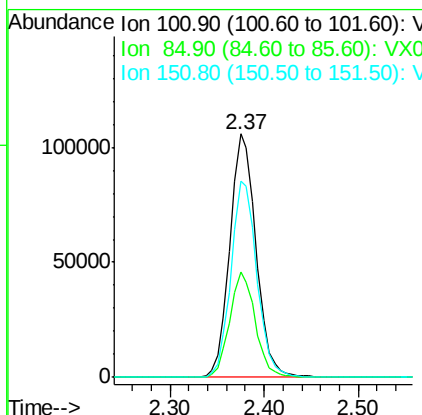
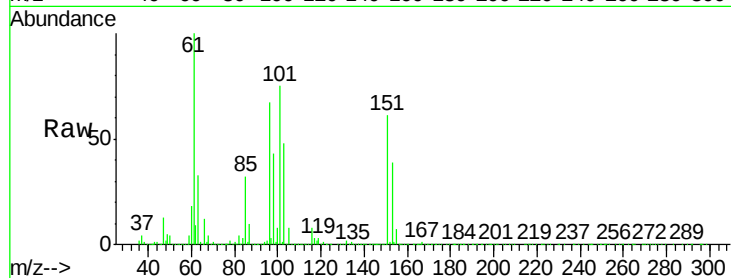
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	203505
Ion Ratio	Lower	Upper	
101	100		
85	41.9	34.7	52.1
151	79.8	64.7	97.1

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#10

Methyl Iodide

Concen: 52.393 ug/l

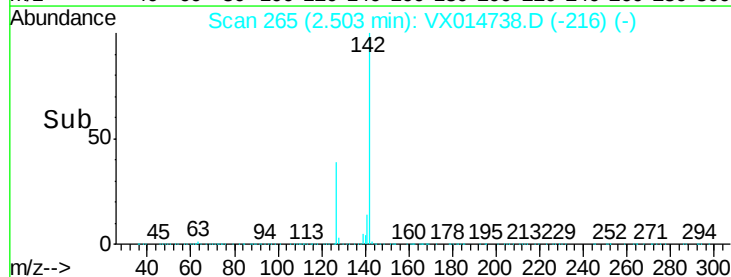
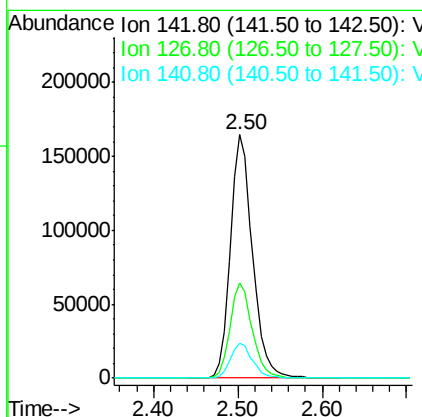
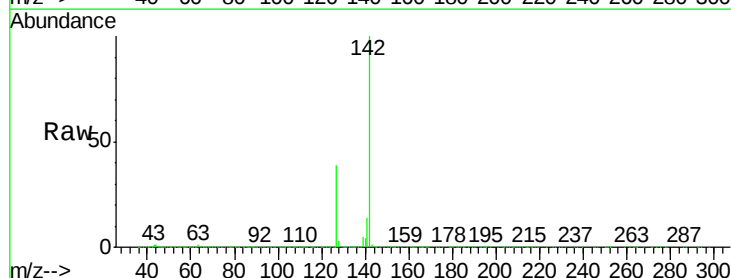
RT: 2.50 min Scan# 265

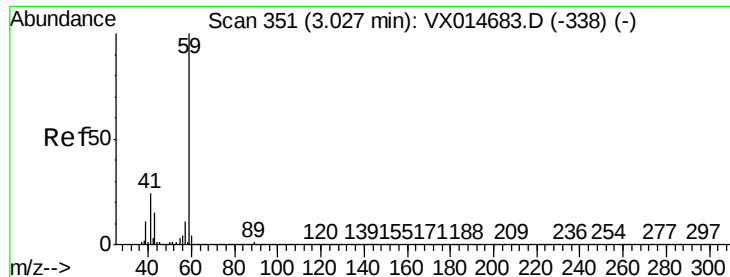
Delta R.T. 0.00 min

Lab File: VX014738.D

Acq: 27 Jan 2020 19:47

Tgt Ion:	142	Resp:	293349
Ion Ratio	Lower	Upper	
142	100		
127	39.3	31.1	46.7
141	14.4	11.3	16.9





#11

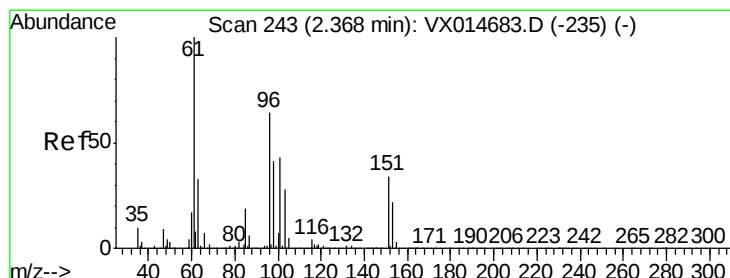
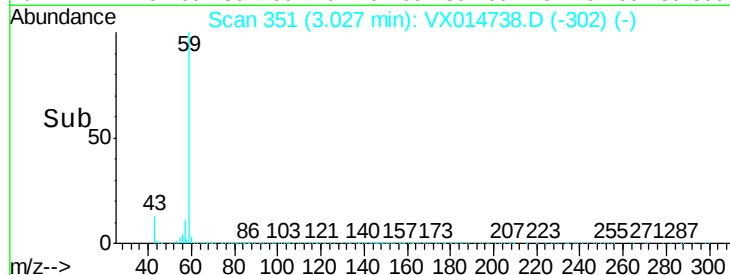
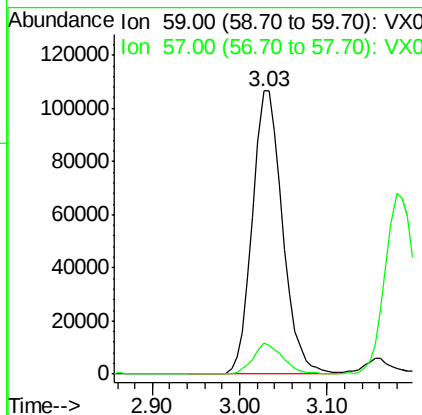
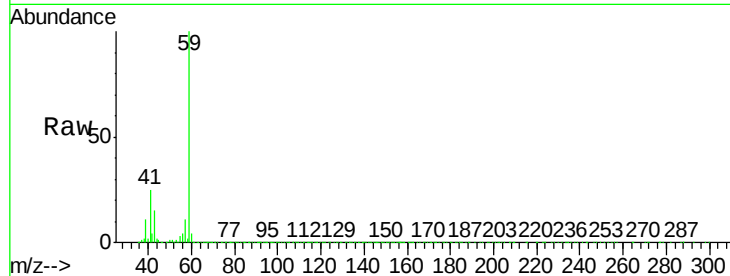
Tert butyl alcohol
Concen: 228.591 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX014738.D
Acq: 27 Jan 2020 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.3	12.5

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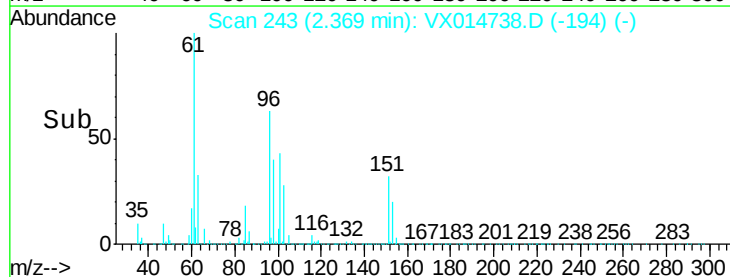
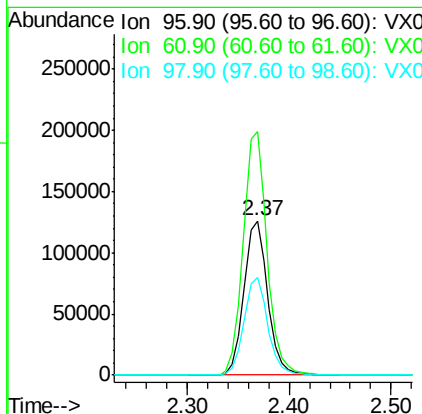
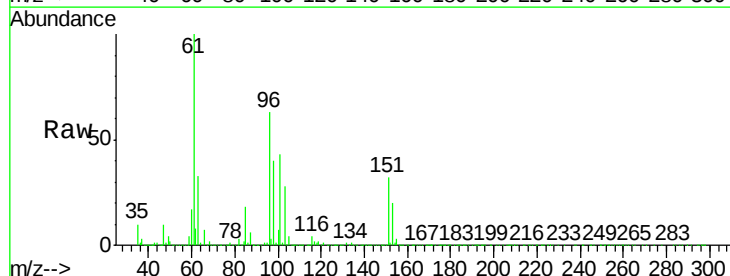
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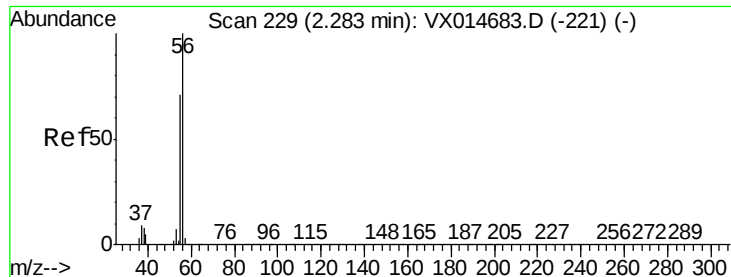


#12

1,1-Dichloroethene
Concen: 47.666 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014738.D
Acq: 27 Jan 2020 19:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.0	125.8	188.8
98	63.5	51.5	77.3





#13

Acrolein

Concen: 355.374 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014738.D

Acq: 27 Jan 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 313520

Ion Ratio Lower Upper

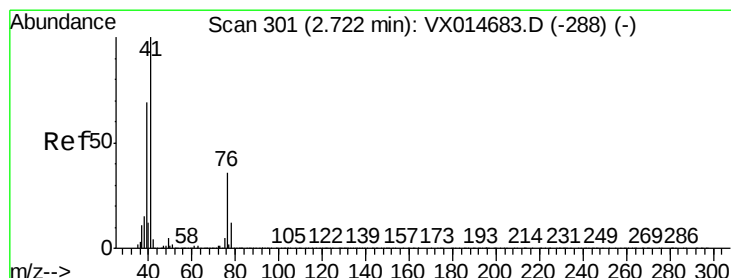
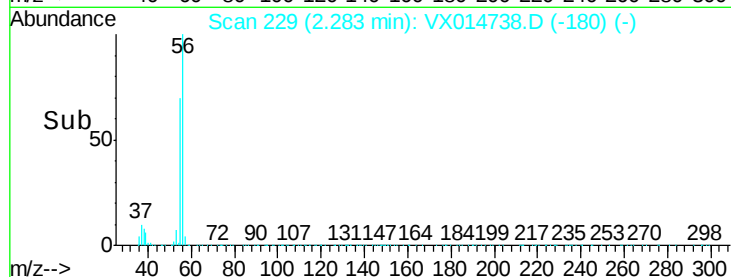
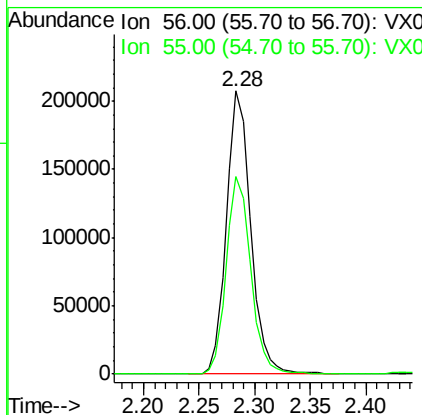
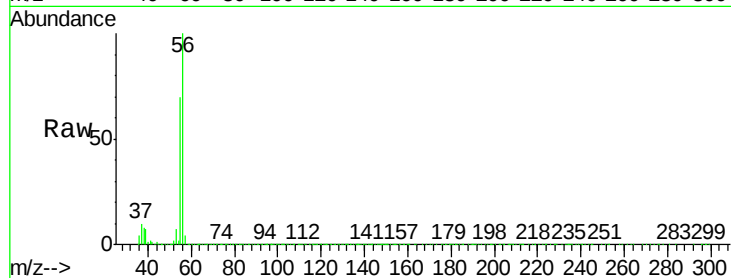
56 100

55 70.4 56.6 84.8

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#14

Allyl chloride

Concen: 49.101 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014738.D

Acq: 27 Jan 2020 19:47

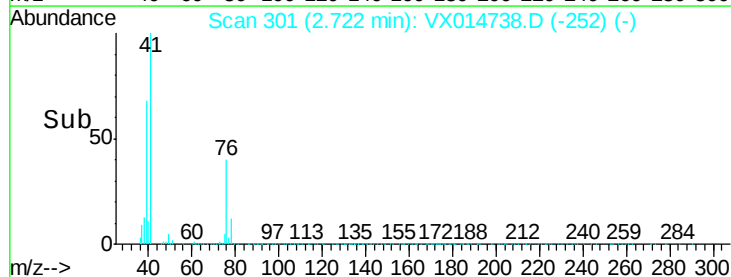
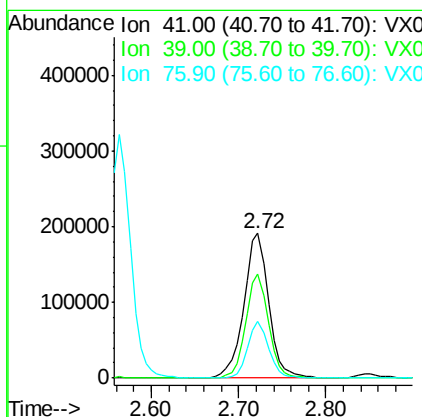
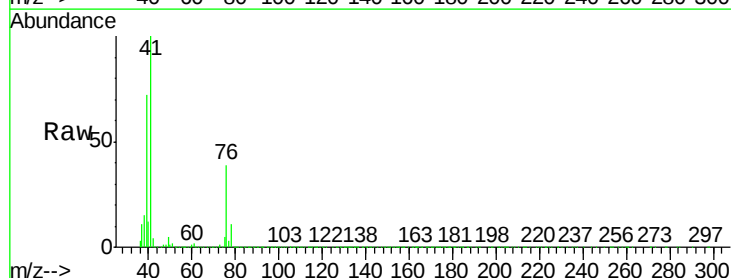
Tgt Ion: 41 Resp: 374431

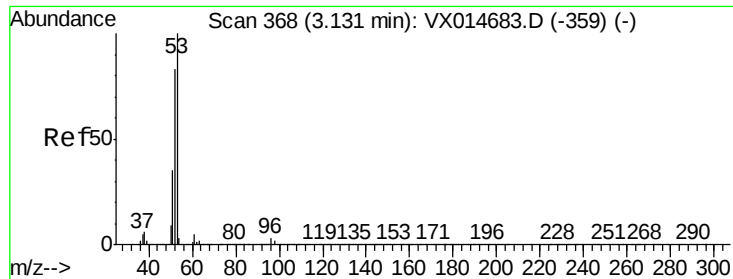
Ion Ratio Lower Upper

41 100

39 65.6 52.0 78.0

76 33.0 26.0 39.0





#15

Acrylonitrile

Concen: 252.023 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014738.D

Acq: 27 Jan 2020 19:47

Instrument :

MSVOA_X

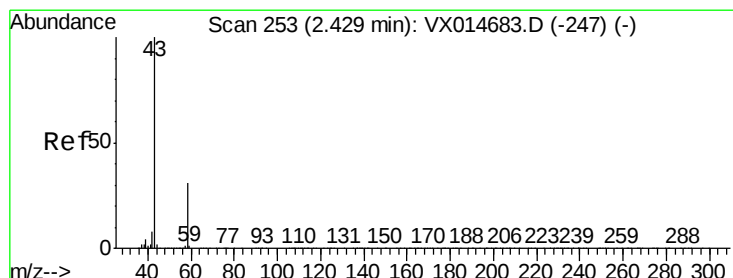
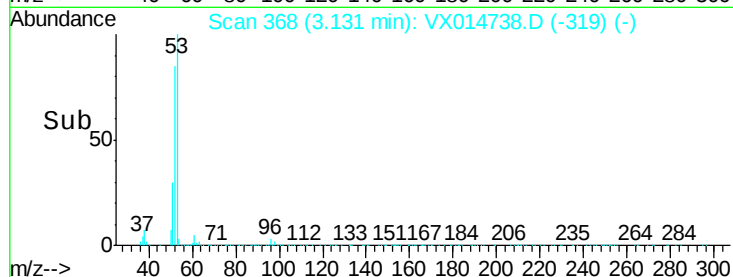
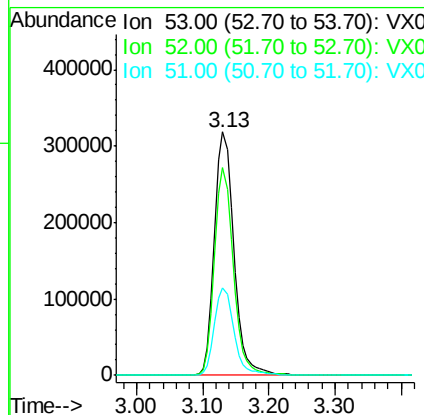
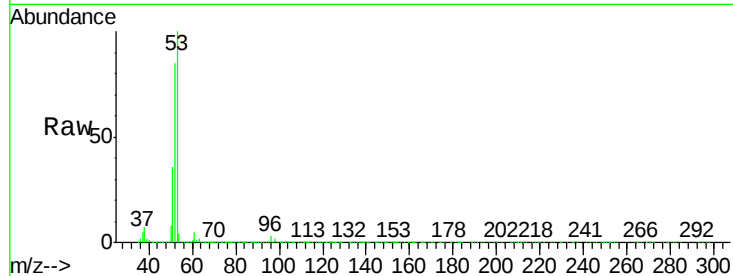
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	652454
Ion Ratio	Lower	Upper	
53	100		
52	82.8	66.4	99.6
51	36.2	28.7	43.1

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#16

Acetone

Concen: 200.910 ug/l

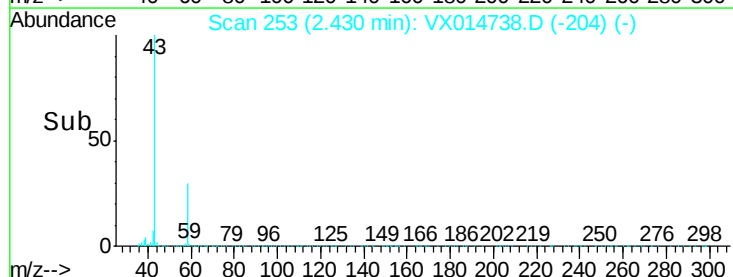
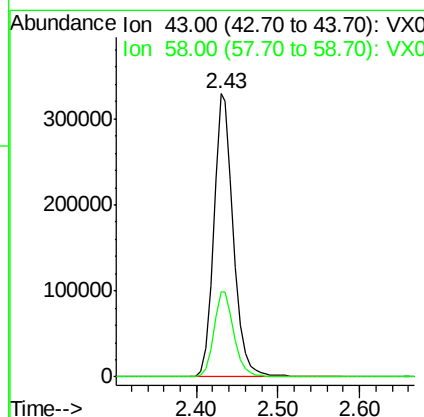
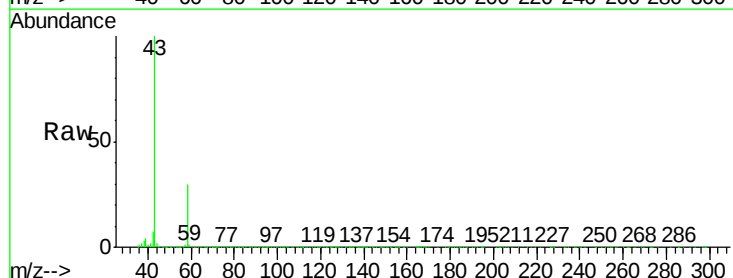
RT: 2.43 min Scan# 253

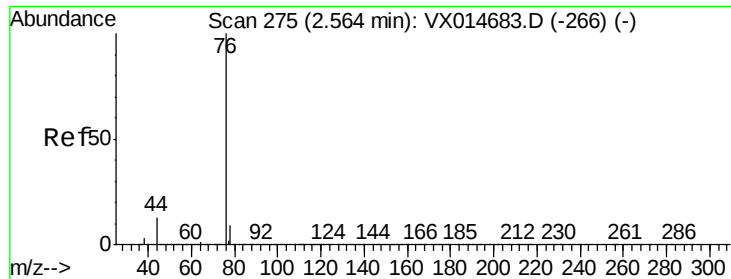
Delta R.T. 0.00 min

Lab File: VX014738.D

Acq: 27 Jan 2020 19:47

Tgt Ion:	43	Resp:	548688
Ion Ratio	Lower	Upper	
43	100		
58	30.1	24.5	36.7





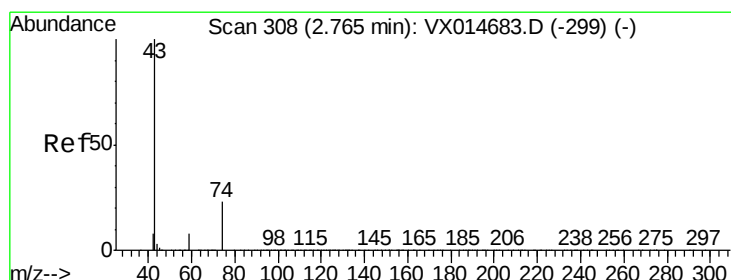
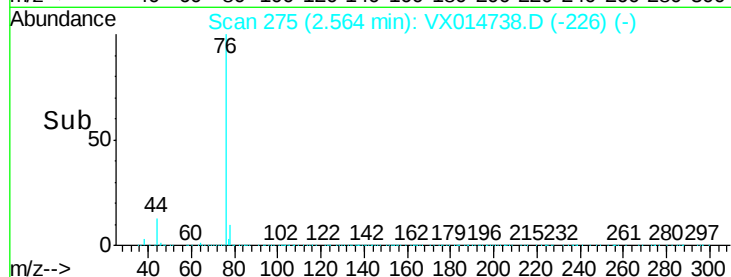
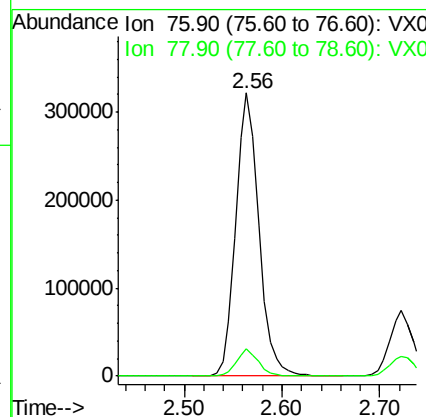
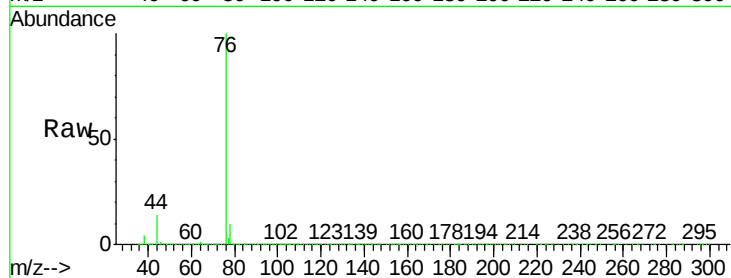
#17
Carbon Disulfide
Concen: 45.547 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014738.D
Acq: 27 Jan 2020 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.2	10.8

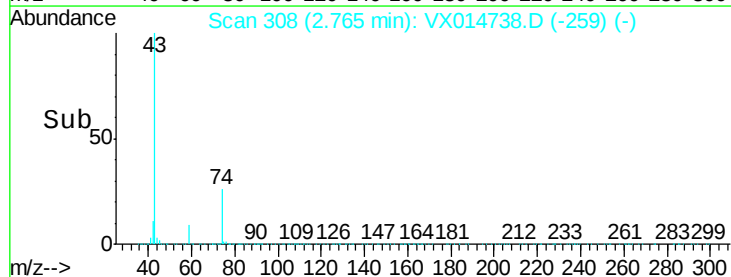
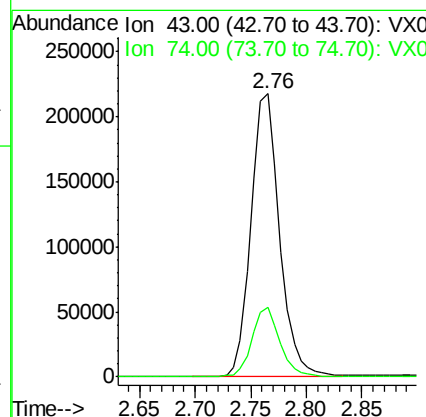
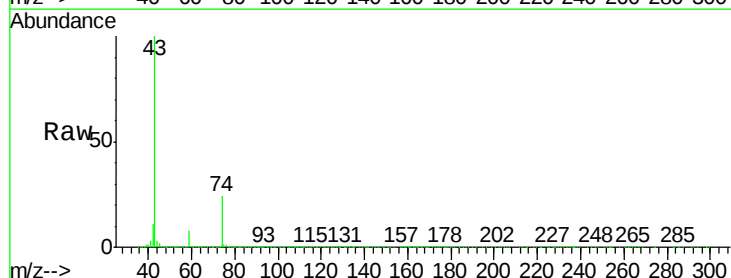
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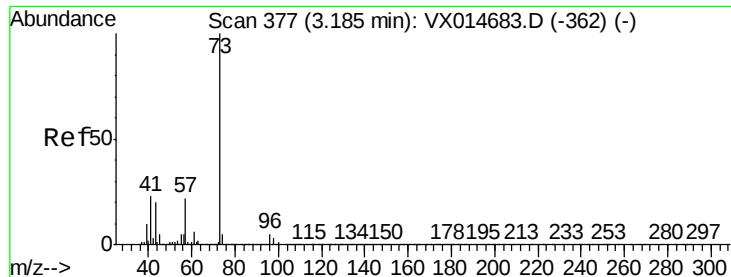
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#18
Methyl Acetate
Concen: 49.872 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX014738.D
Acq: 27 Jan 2020 19:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	18.5	27.7





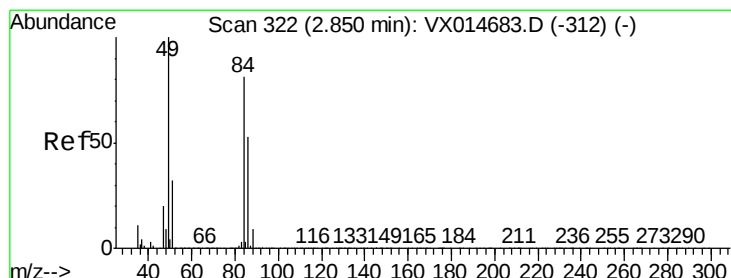
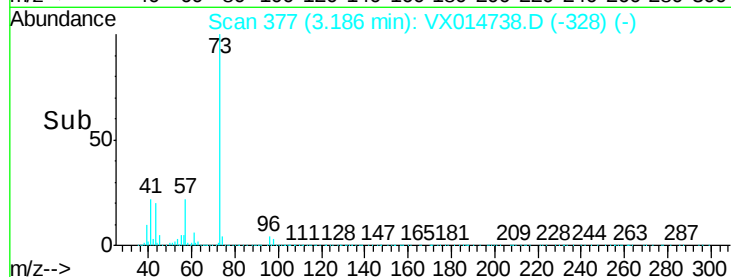
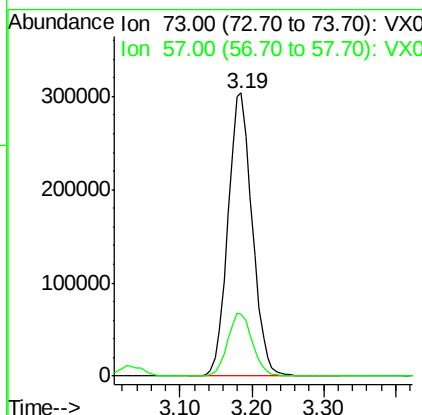
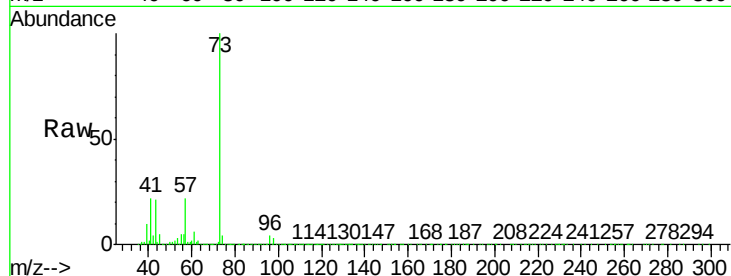
#19
Methvl tert-butvl Ether
Concen: 51.324 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014738.D
Acq: 27 Jan 2020 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	18.0	27.0

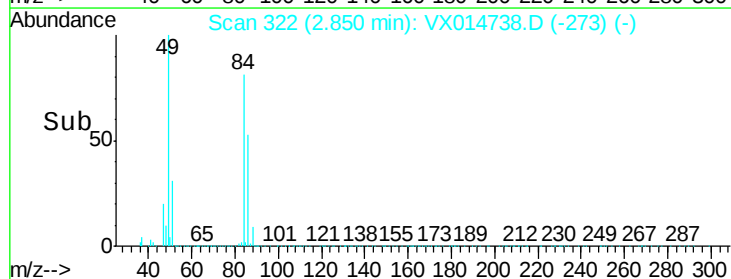
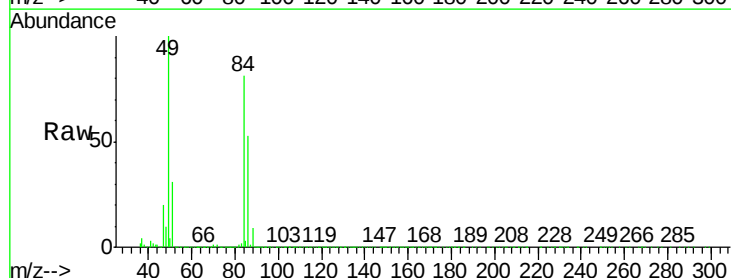
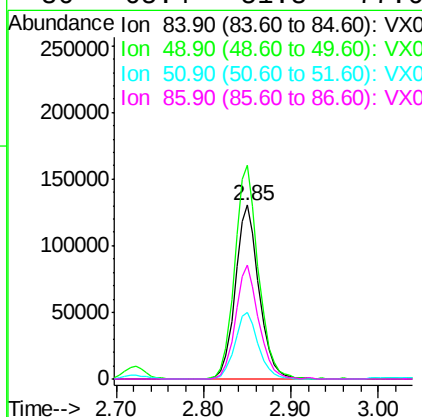
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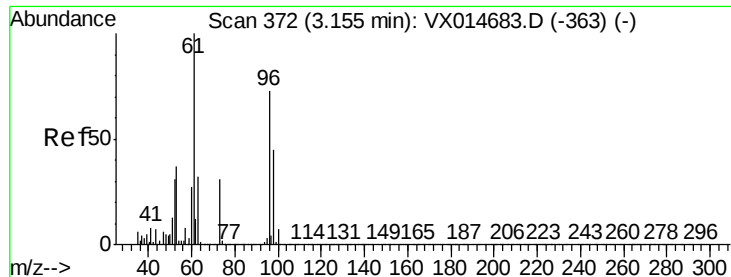
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#20
Methylene Chloride
Concen: 48.535 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014738.D
Acq: 27 Jan 2020 19:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.0	98.2	147.4
51	37.8	31.3	46.9
86	65.4	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 47.351 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014738.D

Acq: 27 Jan 2020 19:47

Instrument :

MSVOA_X

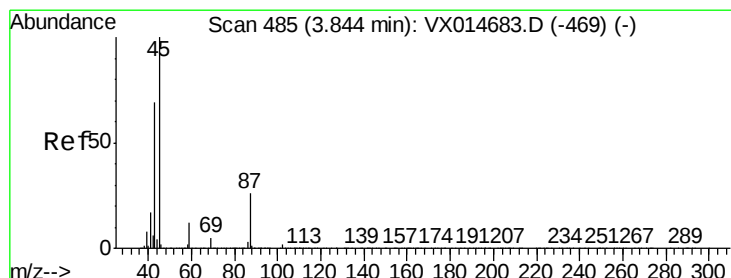
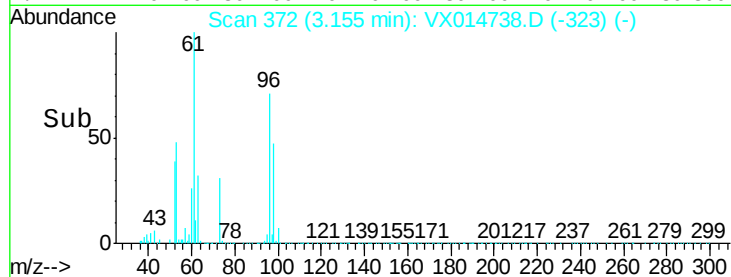
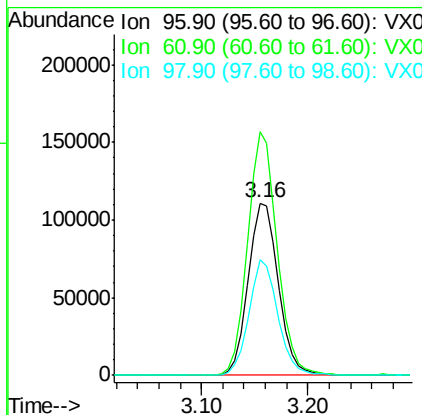
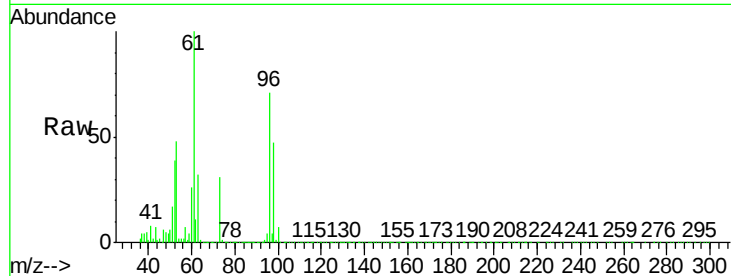
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	221192
Ion Ratio	Lower	Upper	
96	100		
61	141.2	109.8	164.6
98	66.8	49.6	74.4

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#22

Diisopropyl ether

Concen: 51.316 ug/l

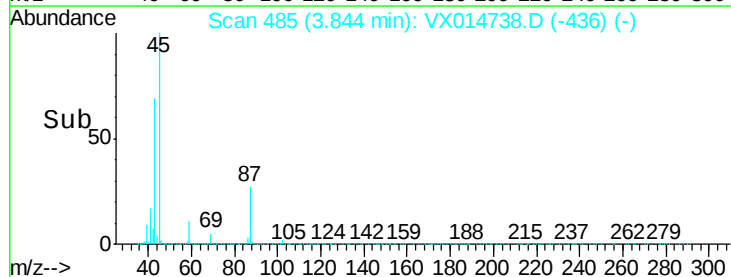
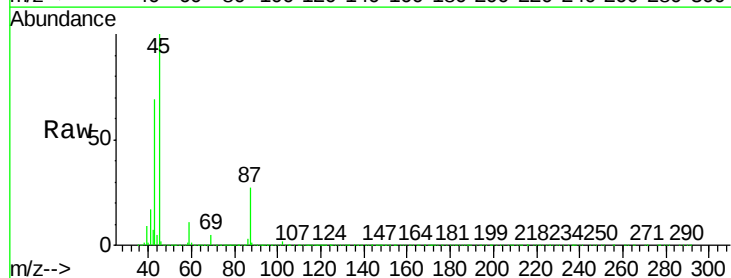
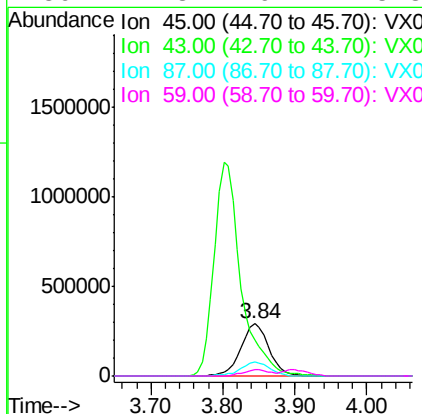
RT: 3.84 min Scan# 485

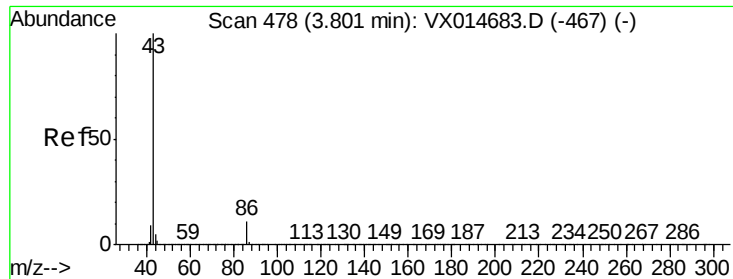
Delta R.T. 0.00 min

Lab File: VX014738.D

Acq: 27 Jan 2020 19:47

Tgt Ion:	45	Resp:	778543
Ion Ratio	Lower	Upper	
45	100		
43	68.9	55.1	82.7
87	27.1	20.7	31.1
59	11.3	9.2	13.8





#23

Vinyl Acetate

Concen: 267.718 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014738.D

Acq: 27 Jan 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3096214

Ion Ratio Lower Upper

43 100

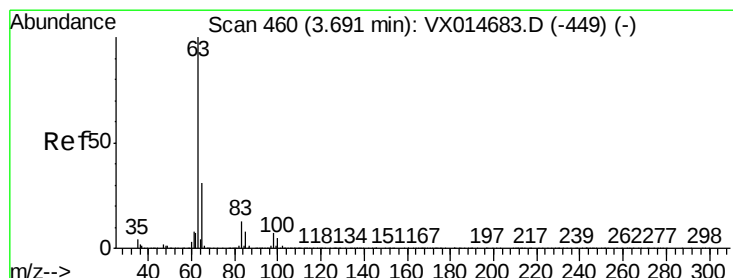
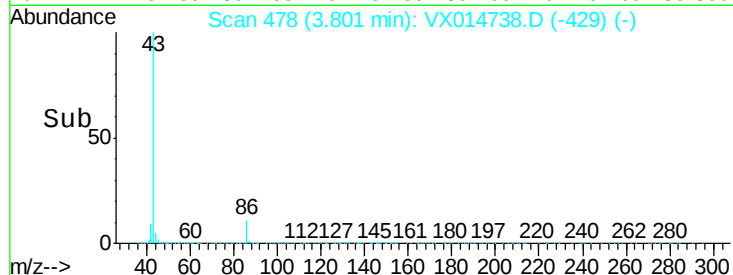
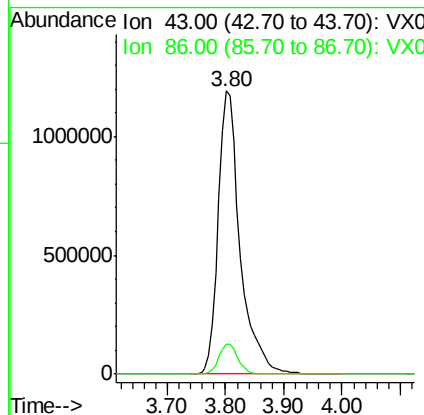
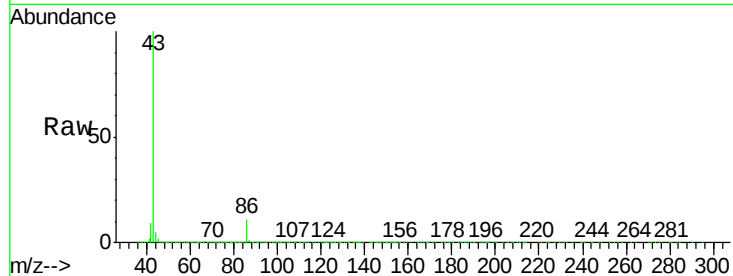
86 10.6 8.4 12.6

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#24

1,1-Dichloroethane

Concen: 49.856 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014738.D

Acq: 27 Jan 2020 19:47

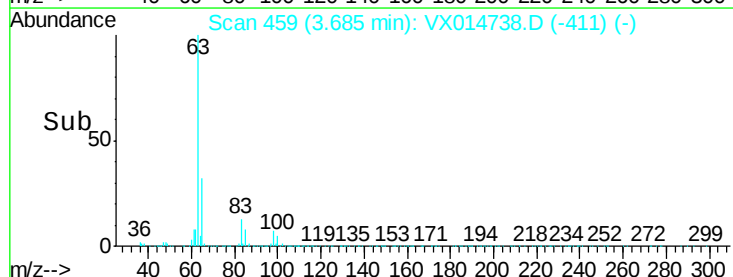
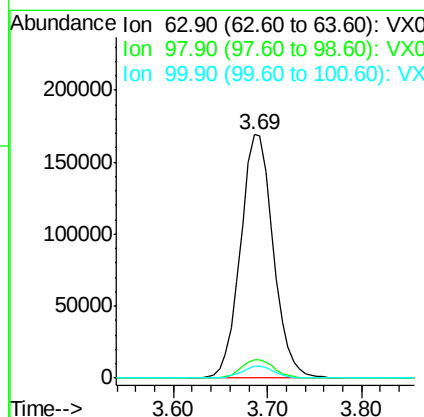
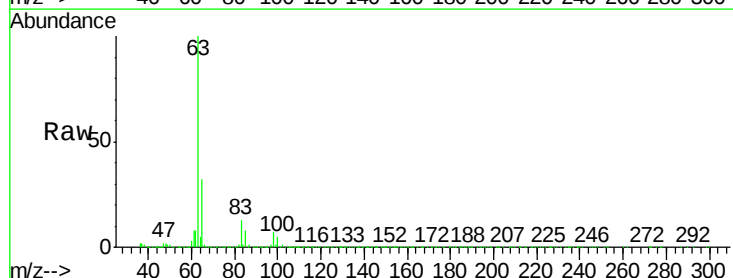
Tgt Ion: 63 Resp: 410778

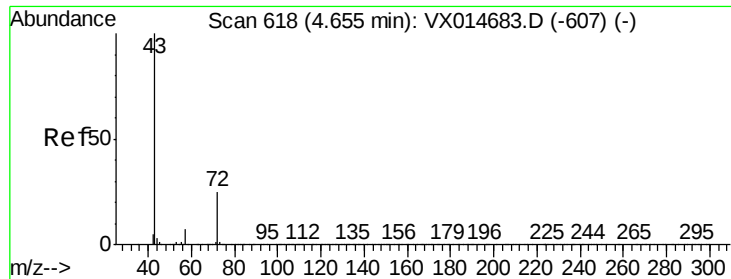
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 4.7 2.2 6.6





#25

2-Butanone

Concen: 231.145 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014738.D

Acq: 27 Jan 2020 19:47

Tot Ion: 43 Resp: 904571

Ion Ratio Lower Upper

43 100

72 25.6 19.9 29.9

Instrument :

MSVOA_X

ClientSampleId :

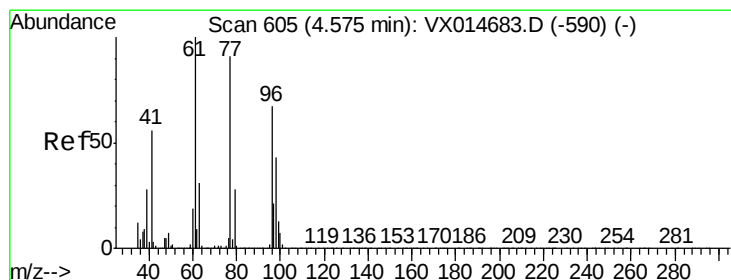
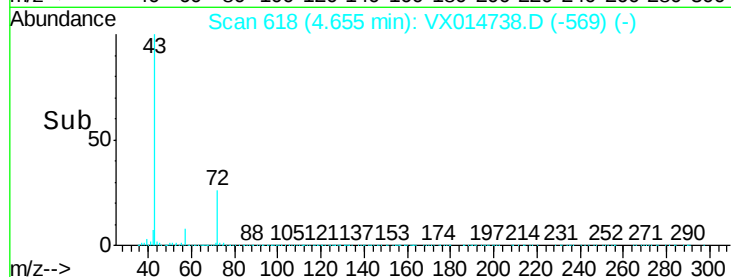
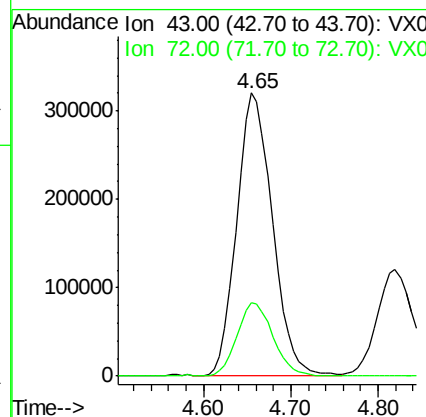
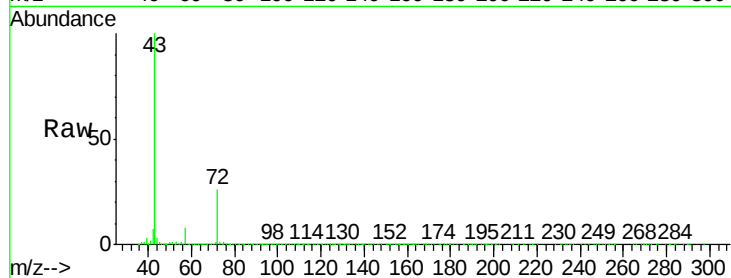
VSTDCCC050EC

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#26

2,2-Dichloropropane

Concen: 47.066 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014738.D

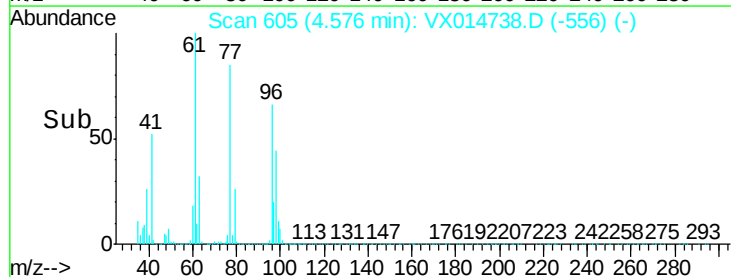
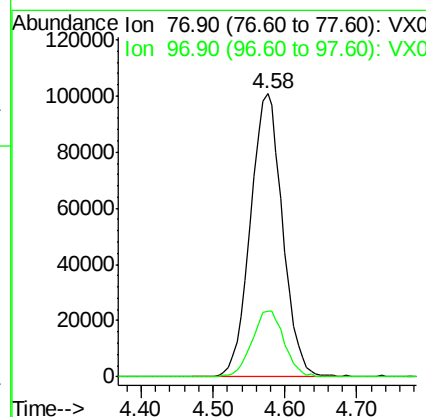
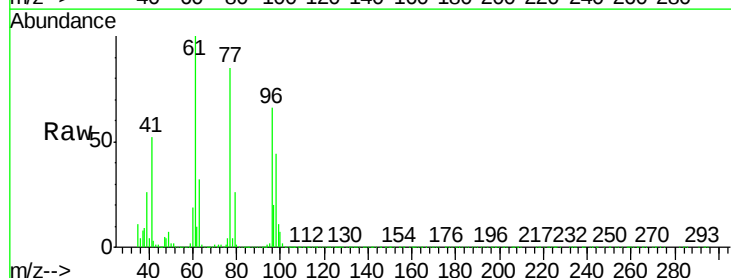
Acq: 27 Jan 2020 19:47

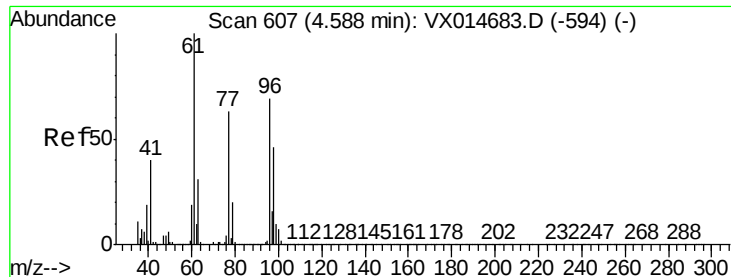
Tgt Ion: 77 Resp: 310397

Ion Ratio Lower Upper

77 100

97 23.4 11.8 35.3





#27

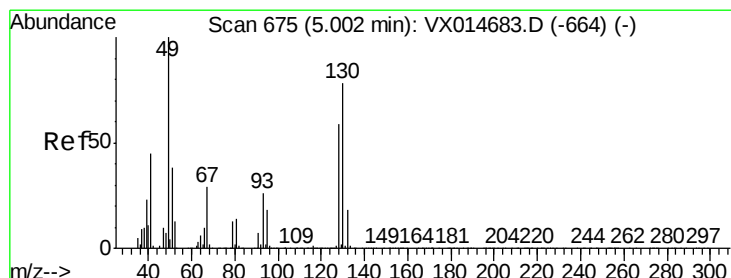
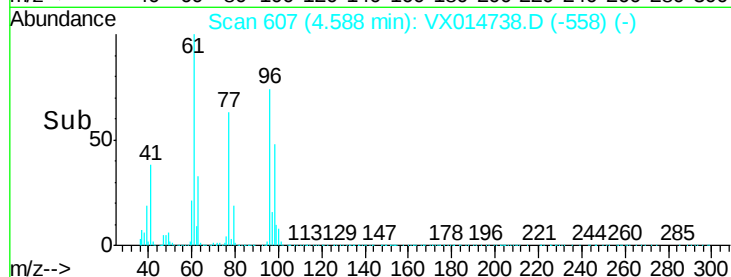
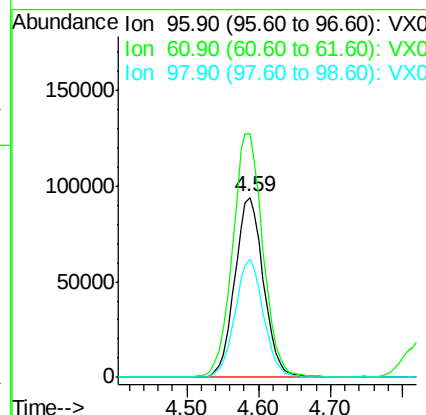
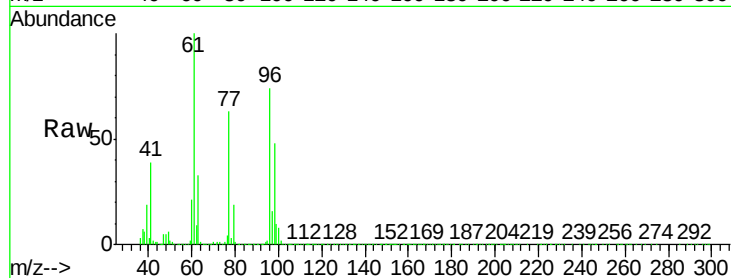
cis-1,2-Dichloroethene
Concen: 49.642 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014738.D
Acq: 27 Jan 2020 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	259534		
61	143.1	0.0	291.0	
98	64.8	0.0	129.8	

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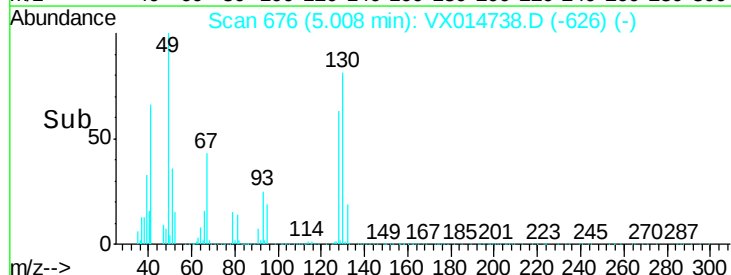
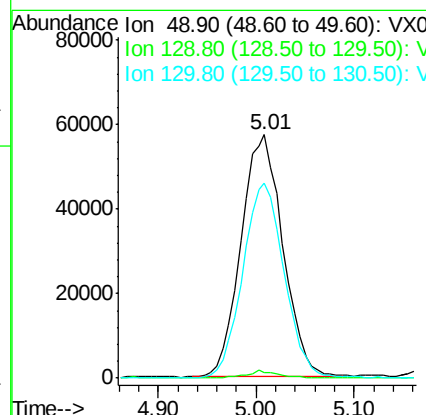
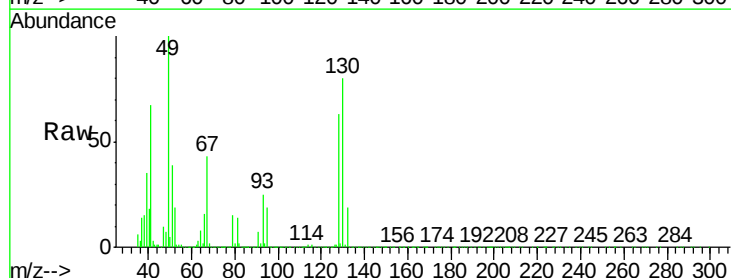
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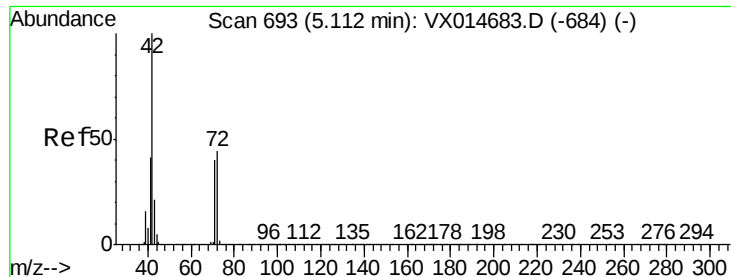


#28

Bromochloromethane
Concen: 47.043 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX014738.D
Acq: 27 Jan 2020 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	170325		
129	2.4	0.0	4.8	
130	80.2	62.4	93.6	





#29

Tetrahydrofuran

Concen: 256.930 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX014738.D

Acq: 27 Jan 2020 19:47

Instrument :

MSVOA_X

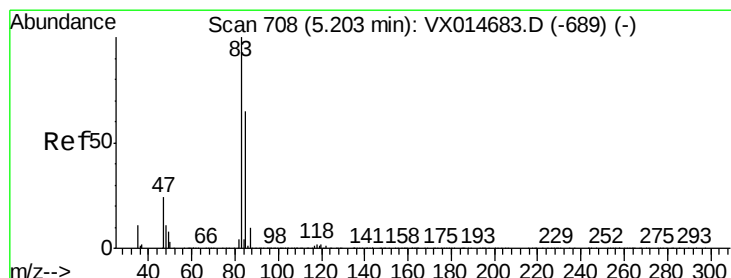
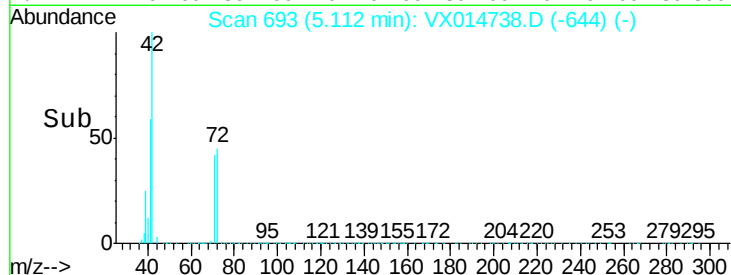
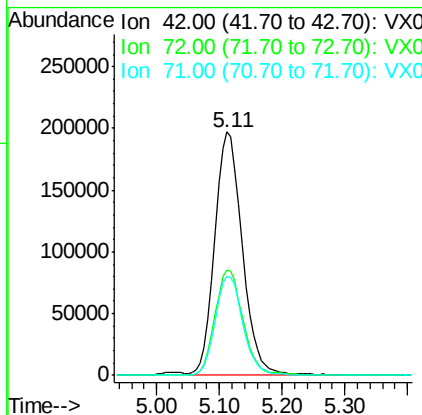
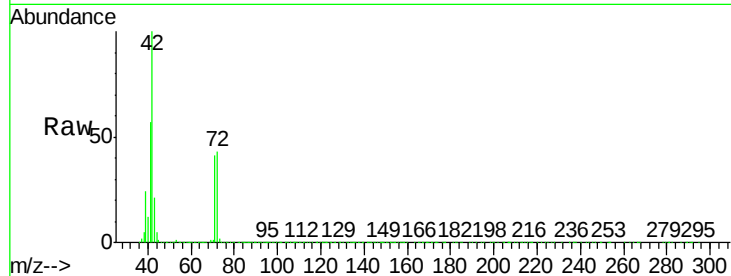
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	596770
Ion Ratio		Lower	Upper
42	100		
72	44.2	35.3	52.9
71	41.1	33.1	49.7

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#30

Chloroform

Concen: 49.834 ug/l

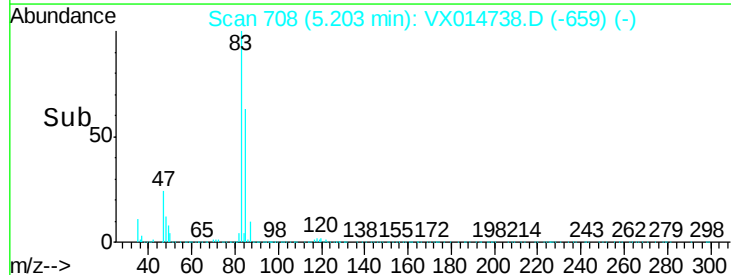
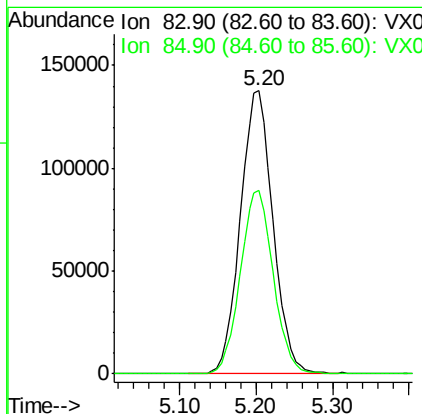
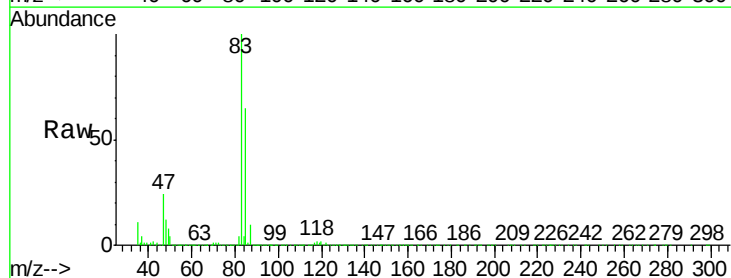
RT: 5.20 min Scan# 708

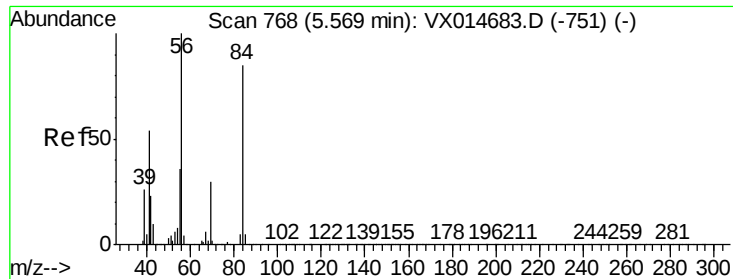
Delta R.T. 0.00 min

Lab File: VX014738.D

Acq: 27 Jan 2020 19:47

Tgt Ion:	83	Resp:	406740
Ion Ratio		Lower	Upper
83	100		
85	64.8	51.7	77.5





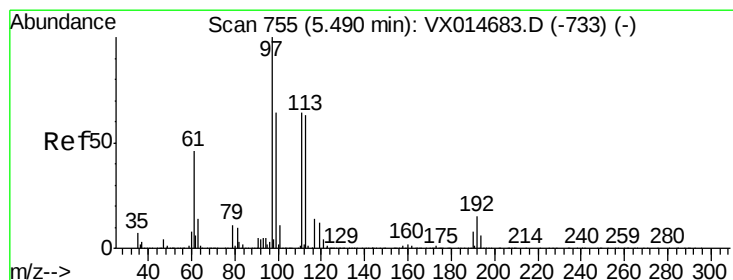
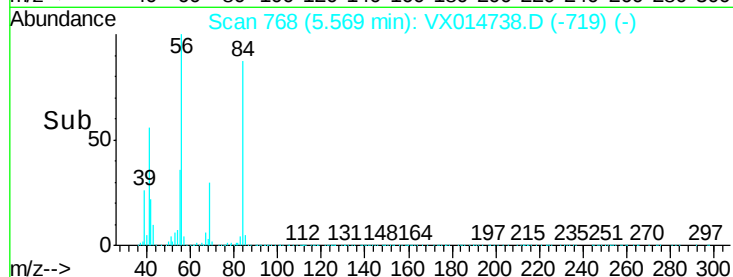
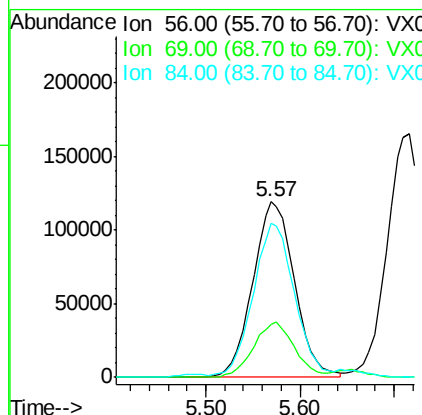
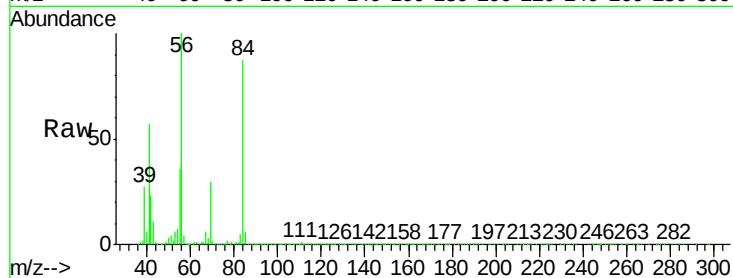
#31
Cyclohexane
Concen: 47.707 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014738.D
Acq: 27 Jan 2020 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.2	23.4	35.2
84	86.0	68.4	102.6

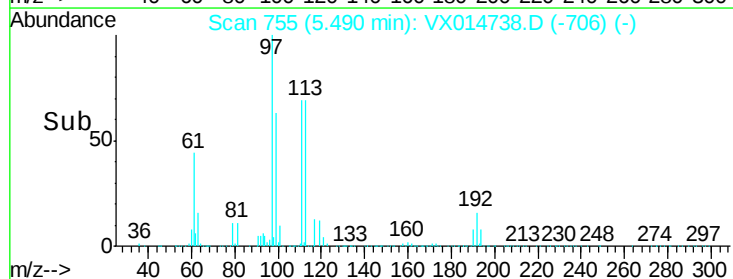
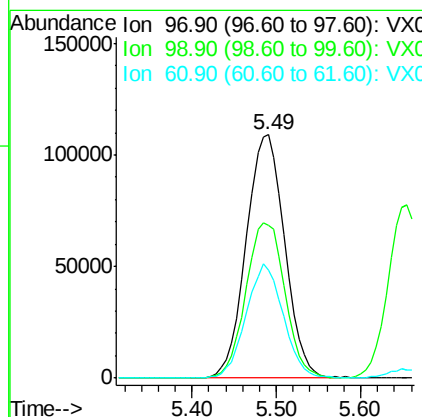
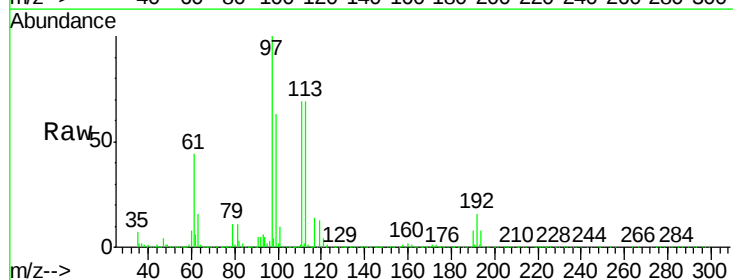
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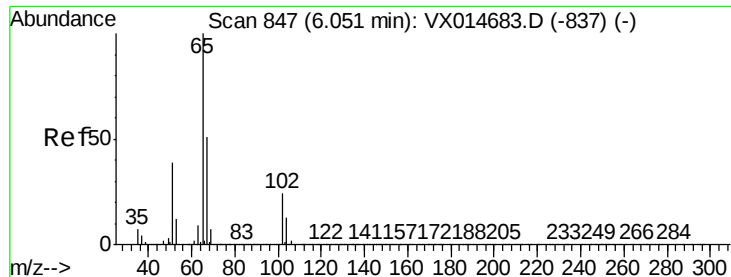
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#32
1,1,1-Trichloroethane
Concen: 49.059 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014738.D
Acq: 27 Jan 2020 19:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.3	78.5
61	44.9	37.2	55.8





#33

1,2-Dichloroethane-d4

Concen: 51.023 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014738.D

Acq: 27 Jan 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 254283

Ion Ratio Lower Upper

65 100

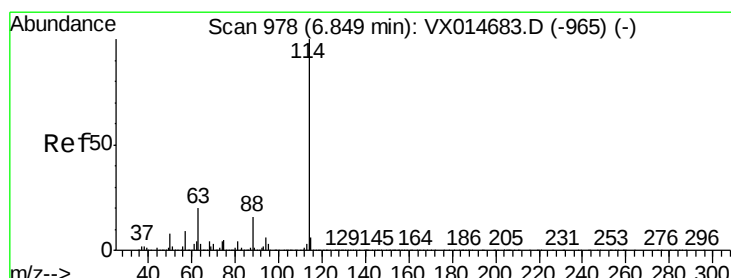
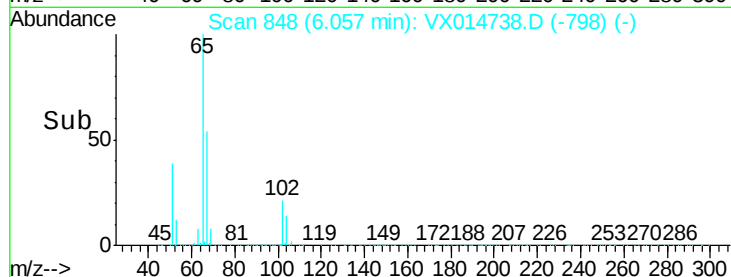
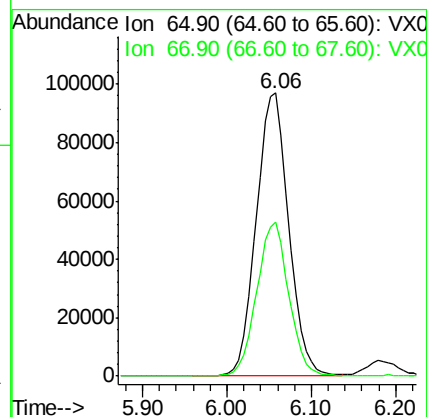
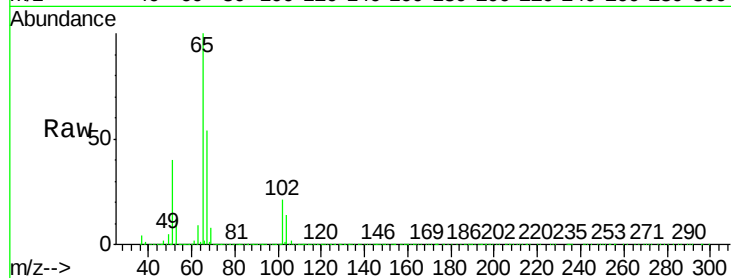
67 53.5 0.0 107.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014738.D

Acq: 27 Jan 2020 19:47

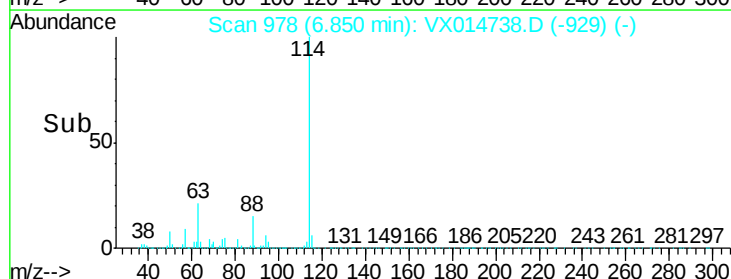
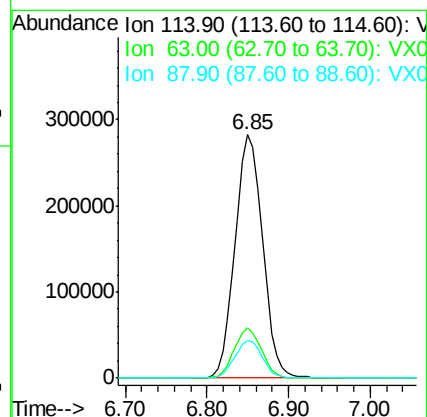
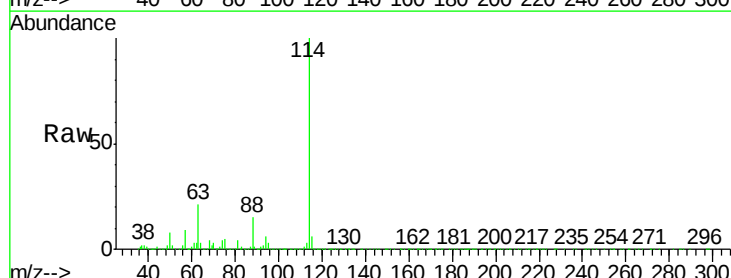
Tgt Ion: 114 Resp: 658620

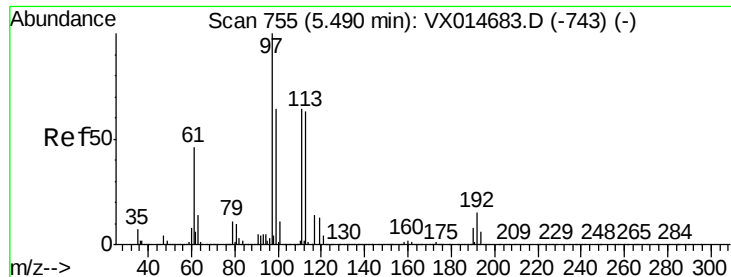
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.6

88 15.2 0.0 31.2





#35

Dibromofluoromethane

Concen: 51.215 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014738.D

Acq: 27 Jan 2020 19:47

Instrument :

MSVOA_X

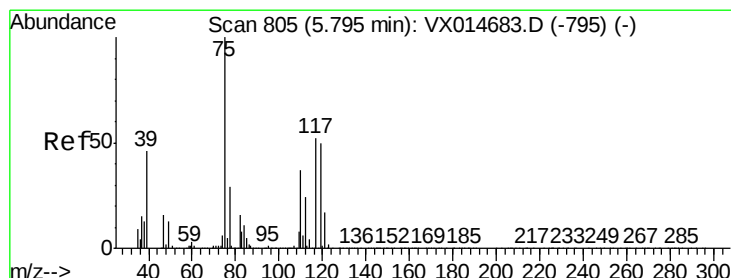
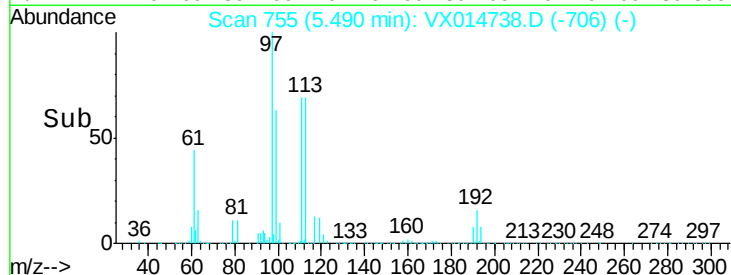
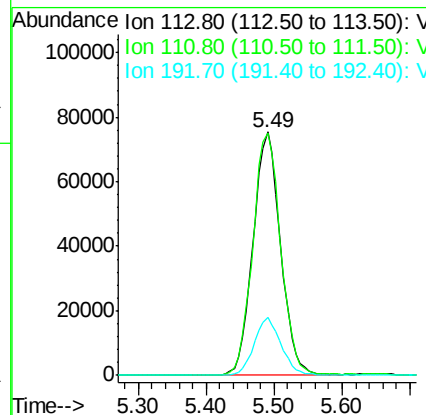
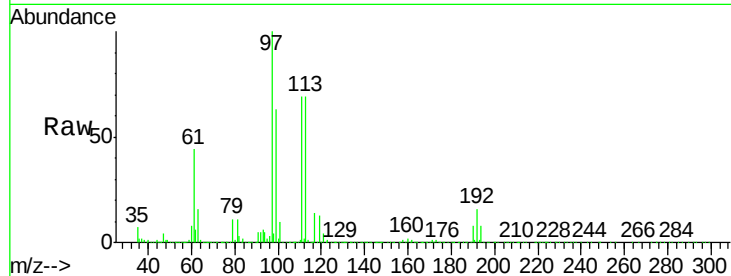
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	212840
Ion Ratio	Lower	Upper	
113	100		
111	100.9	80.7	121.1
192	23.3	18.5	27.7

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#36

1,1-Dichloropropene

Concen: 49.278 ug/l

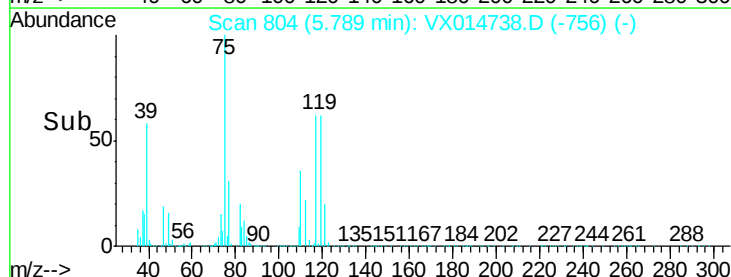
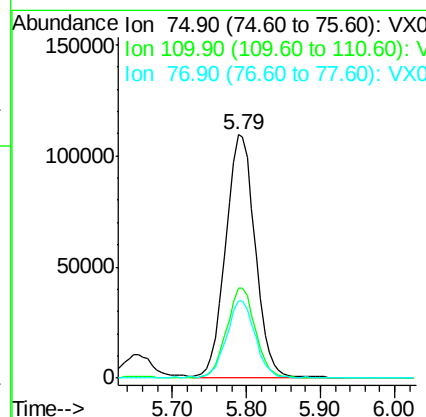
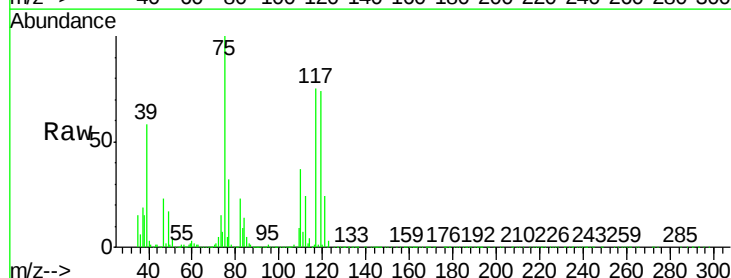
RT: 5.79 min Scan# 804

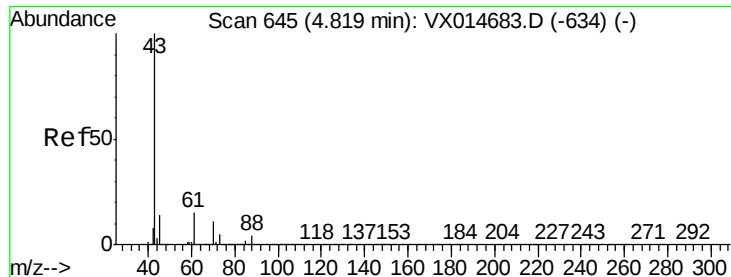
Delta R.T. -0.01 min

Lab File: VX014738.D

Acq: 27 Jan 2020 19:47

Tgt Ion:	75	Resp:	301574
Ion Ratio	Lower	Upper	
75	100		
110	36.2	17.9	53.7
77	30.6	24.1	36.1





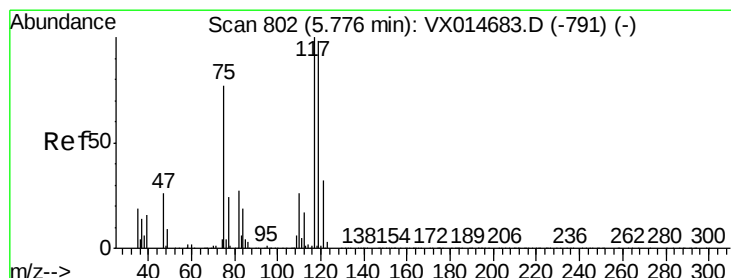
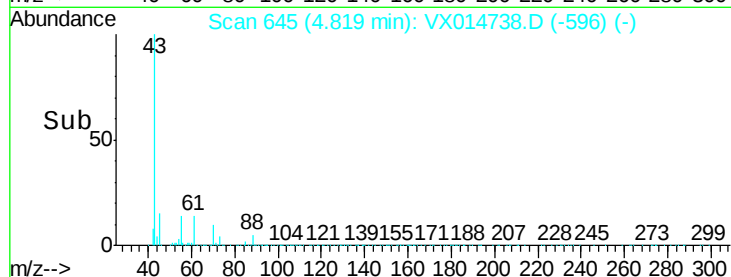
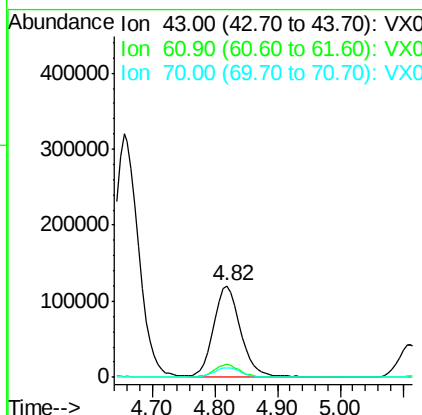
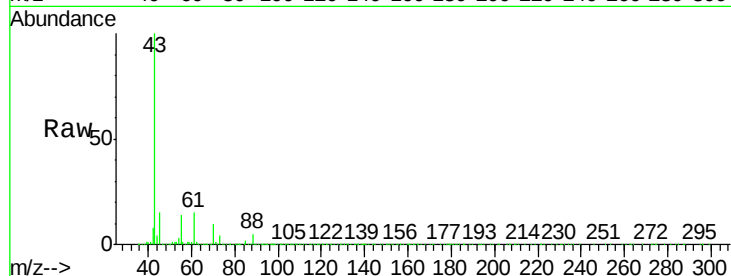
#37
Ethyl Acetate
Concen: 50.955 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014738.D
Acq: 27 Jan 2020 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	357157
Ion Ratio	Lower	Upper	
43	100		
61	13.2	11.0	16.4
70	11.0	8.5	12.7

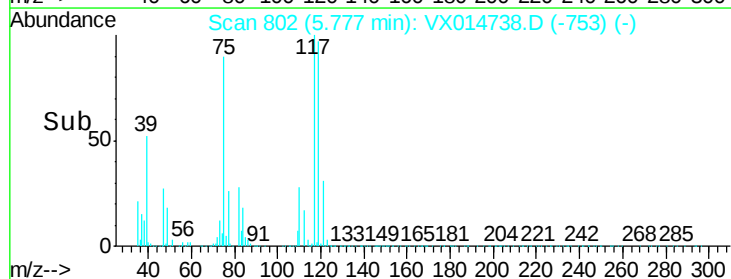
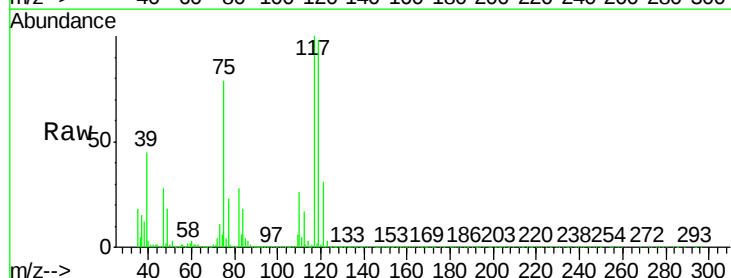
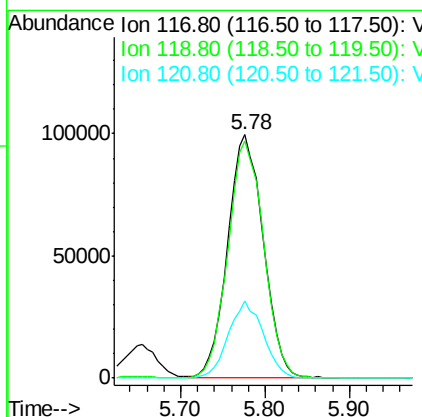
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#38
Carbon Tetrachloride
Concen: 48.875 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014738.D
Acq: 27 Jan 2020 19:47

Tgt Ion	117	Resp	285662
Ion Ratio	Lower	Upper	
117	100		
119	97.5	77.9	116.9
121	31.4	25.4	38.2





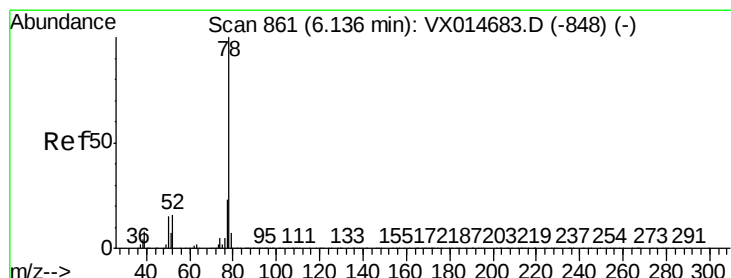
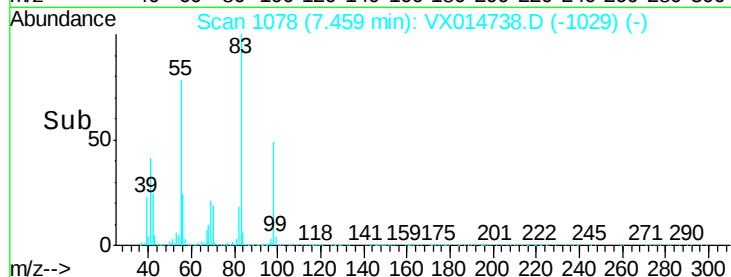
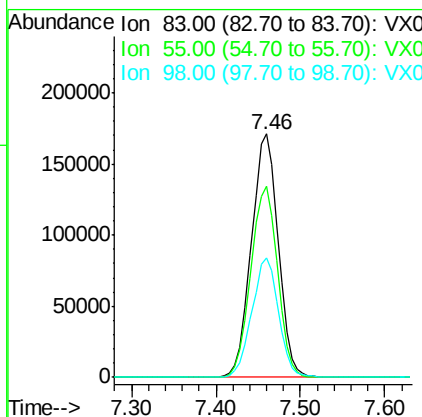
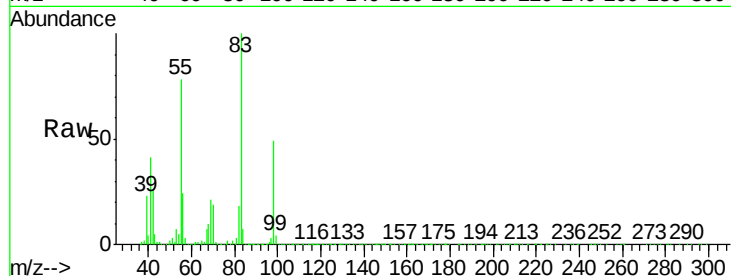
#39
Methvlcvclohexane
Concen: 48.136 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX014738.D
Acq: 27 Jan 2020 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.3	65.6	98.4
98	48.9	40.2	60.4

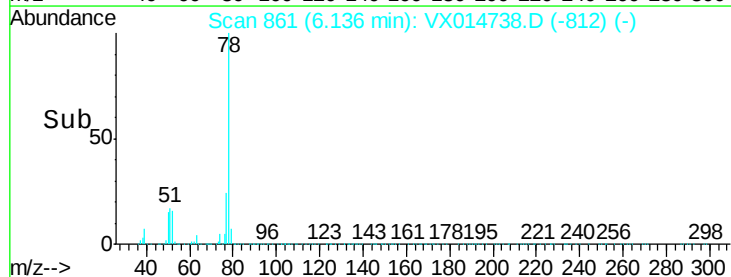
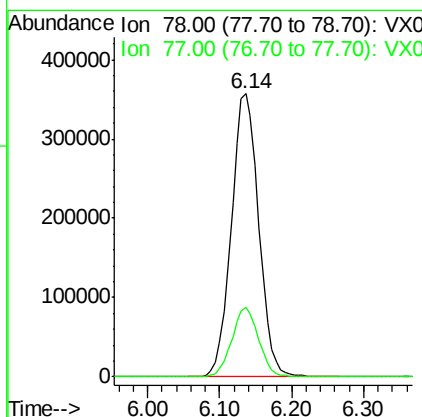
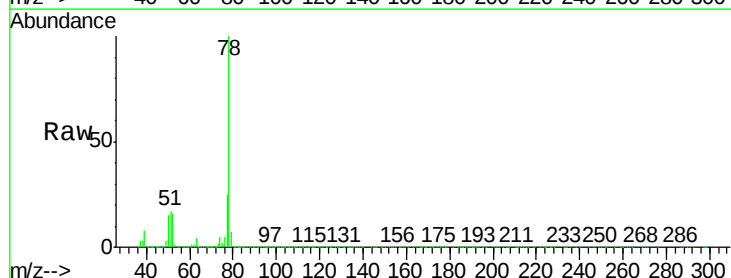
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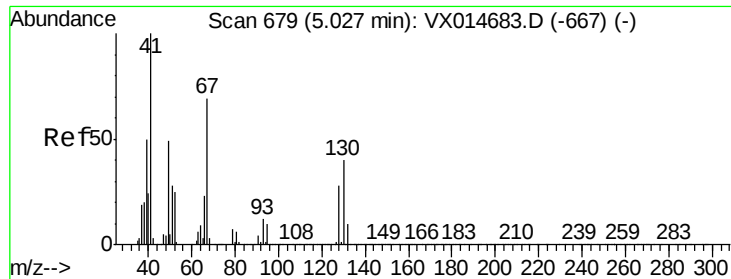
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#40
Benzene
Concen: 49.815 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014738.D
Acq: 27 Jan 2020 19:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	18.7	28.1





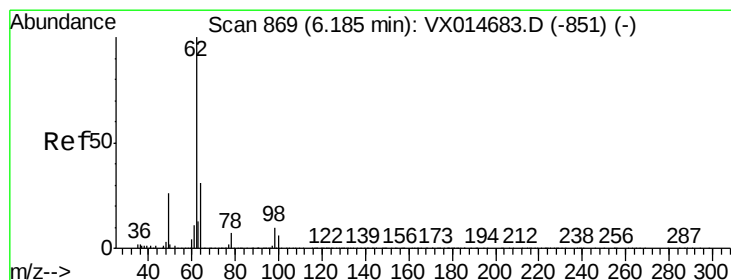
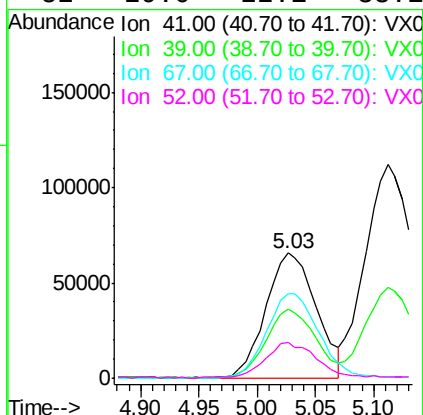
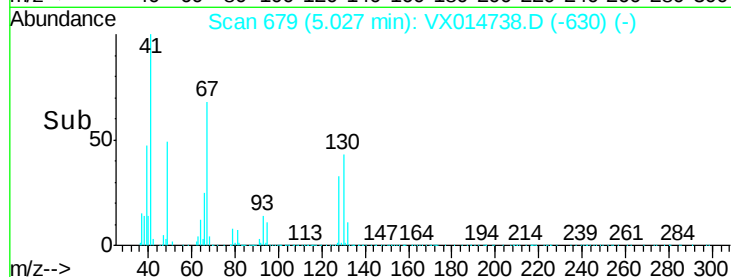
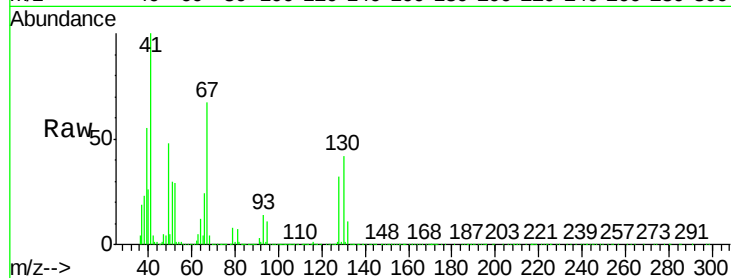
#41
Methacrylonitrile
Concen: 48.888 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014738.D
Acq: 27 Jan 2020 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		195518		
39	54.1	42.2	63.2		
67	70.4	55.4	83.0		
52	29.0	22.1	33.1		

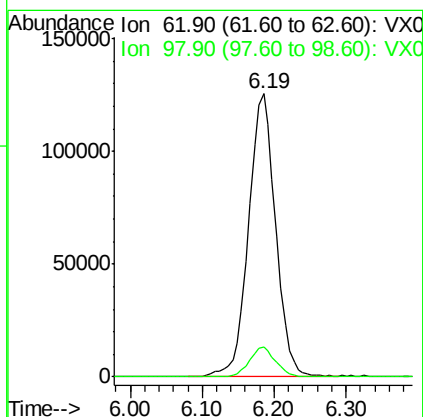
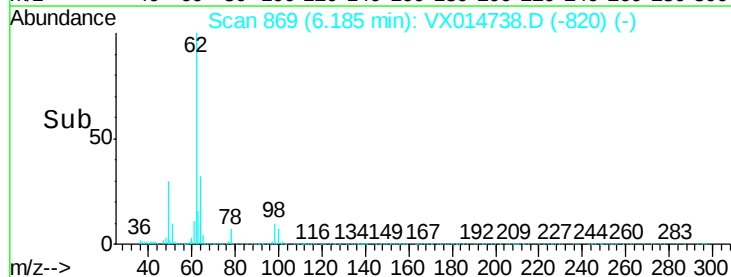
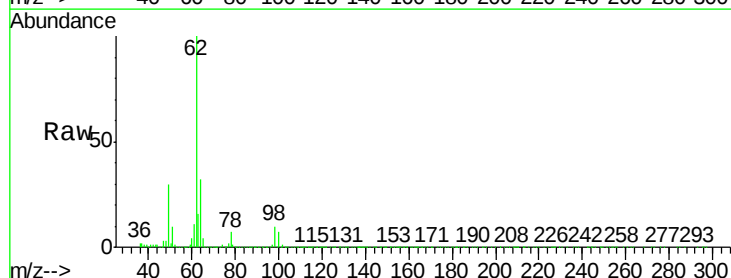
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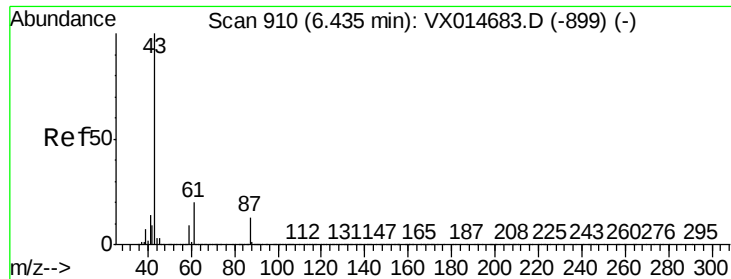
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#42
1,2-Dichloroethane
Concen: 49.898 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014738.D
Acq: 27 Jan 2020 19:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		325821		
98	10.0	0.0	20.0		





#43

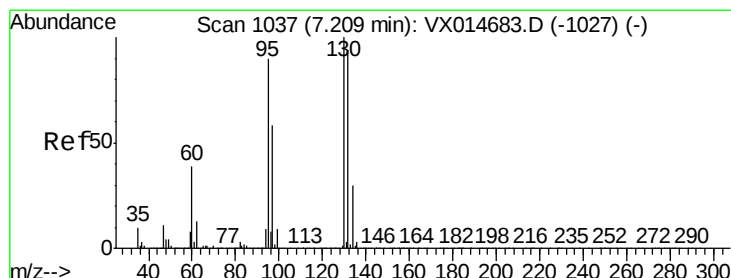
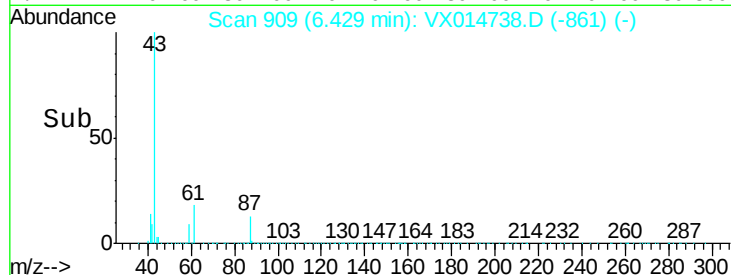
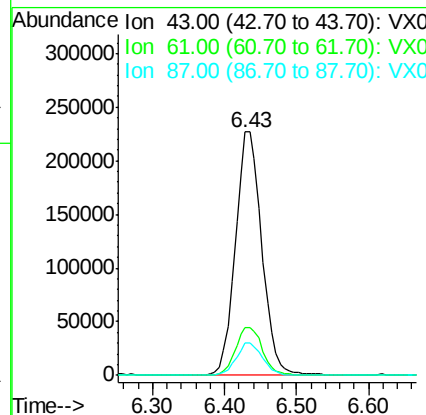
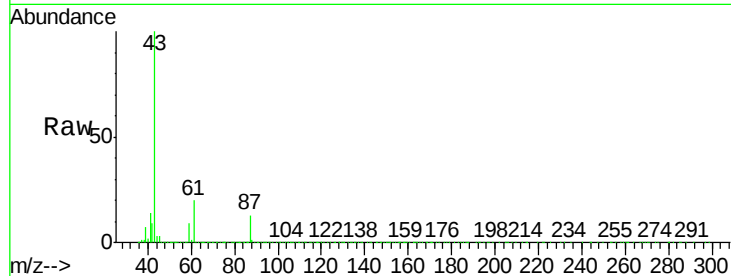
Isopropyl Acetate
 Concen: 50.020 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014738.D
 Acq: 27 Jan 2020 19:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.2	24.4
87	13.2	10.5	15.7

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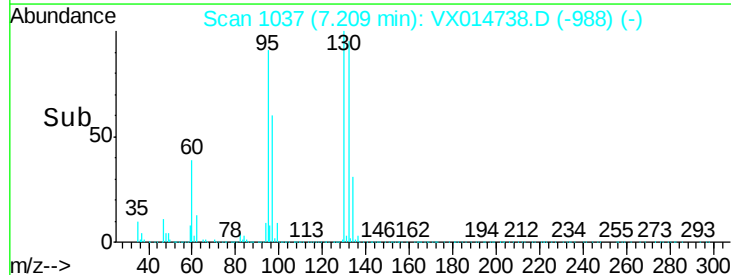
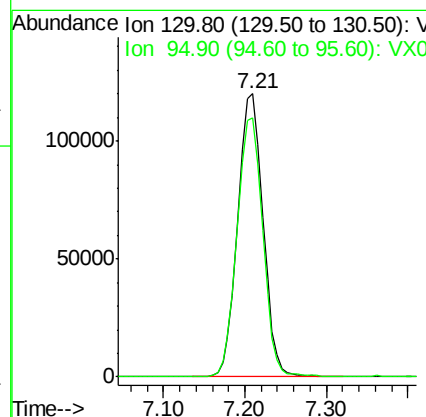
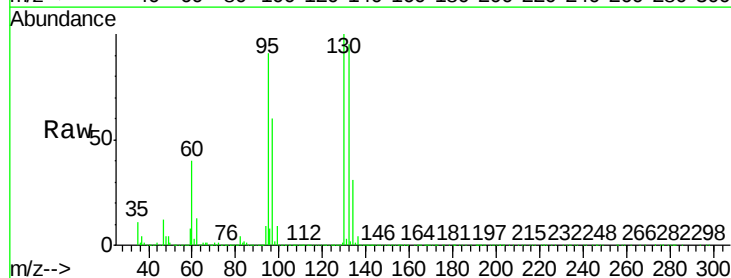
MMDadoda
 1/28/2020 11:18:08 AM

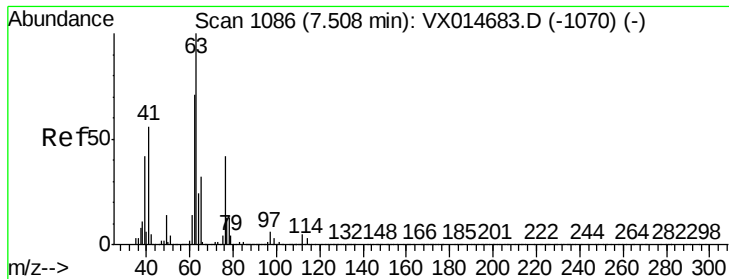


#44

Trichloroethene
 Concen: 48.231 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014738.D
 Acq: 27 Jan 2020 19:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.4	0.0	179.8





#45

1,2-Dichloropropane

Concen: 50.972 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014738.D

Acq: 27 Jan 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 248305

Ion Ratio Lower Upper

63 100

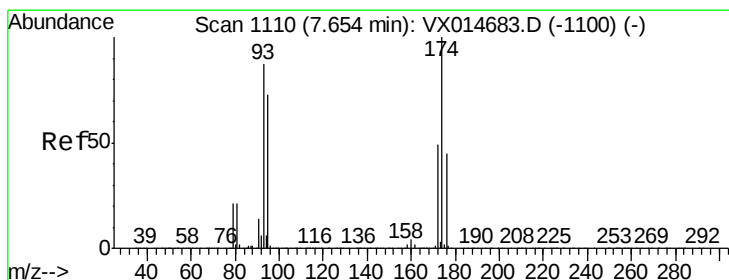
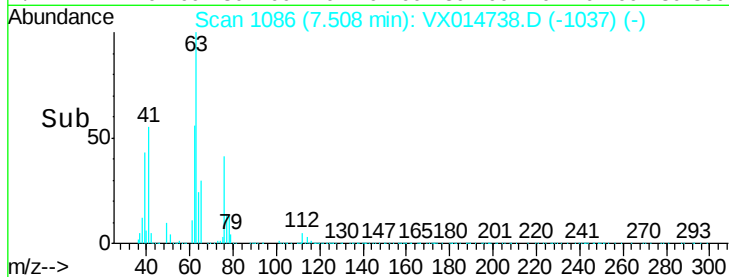
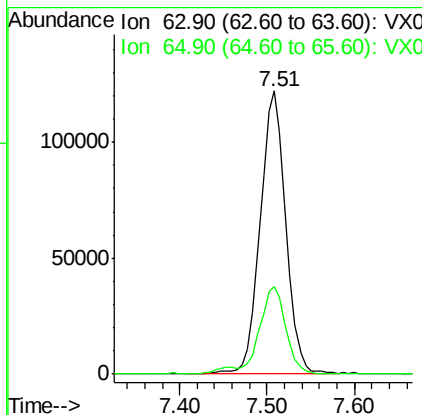
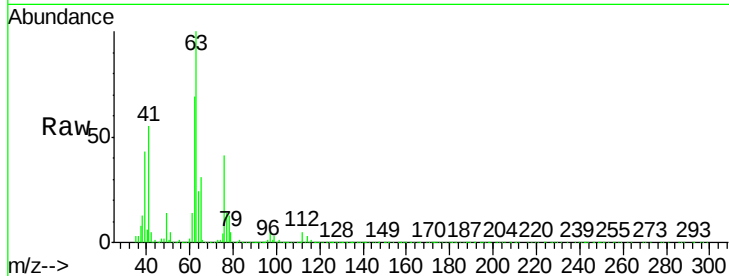
65 30.9 25.2 37.8

Manual Integrations

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#46

Dibromomethane

Concen: 50.622 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014738.D

Acq: 27 Jan 2020 19:47

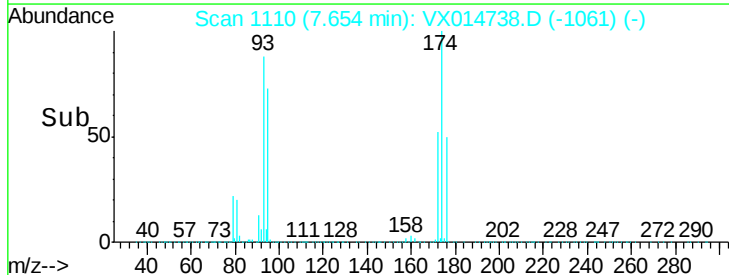
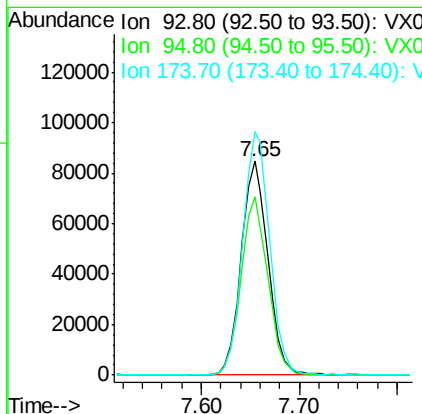
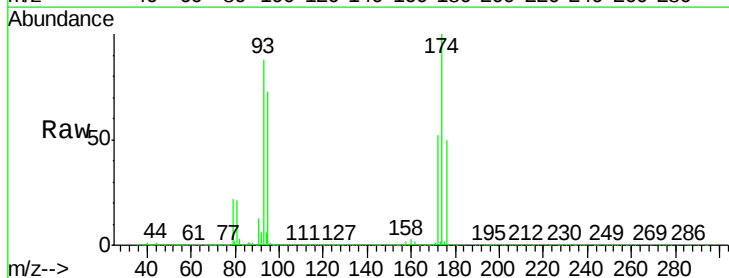
Tgt Ion: 93 Resp: 159715

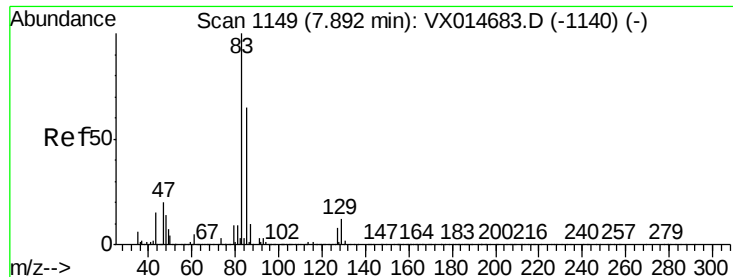
Ion Ratio Lower Upper

93 100

95 83.4 67.0 100.4

174 115.2 90.2 135.2





#47

Bromodichloromethane

Concen: 51.224 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014738.D

Acq: 27 Jan 2020 19:47

Instrument :

MSVOA_X

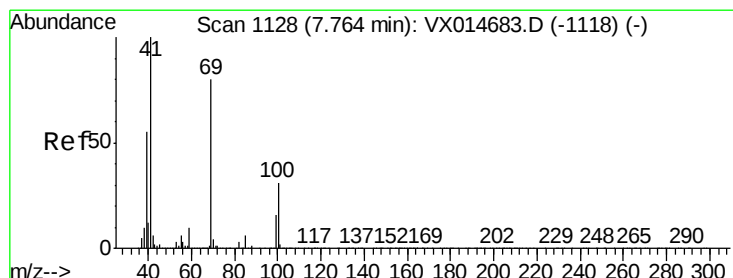
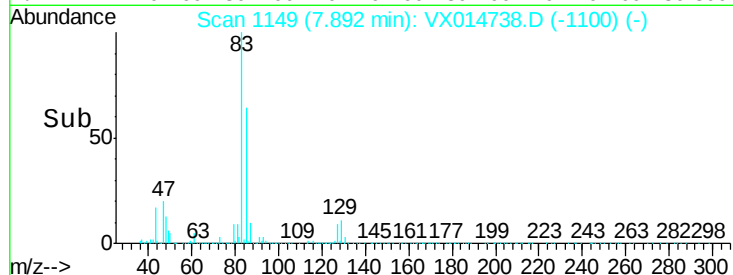
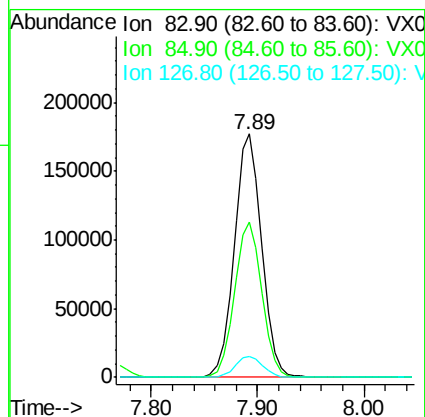
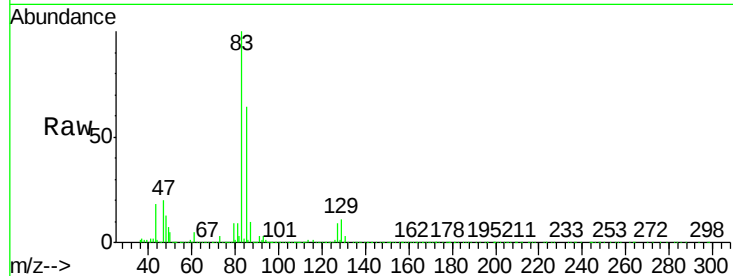
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	316976
Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.2	78.2
127	8.7	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.812 ug/l

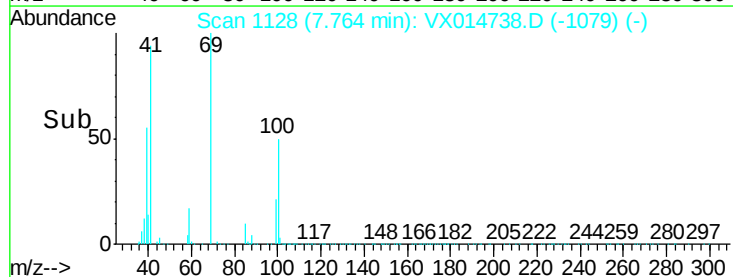
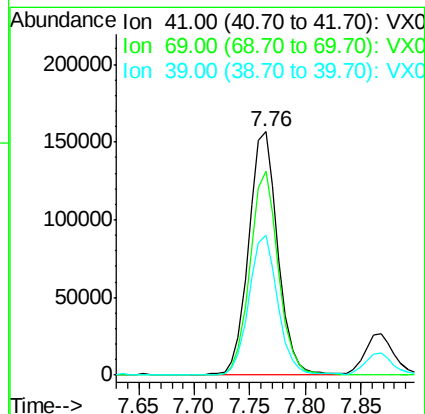
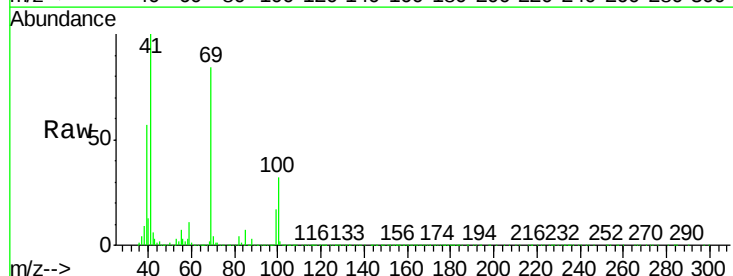
RT: 7.76 min Scan# 1128

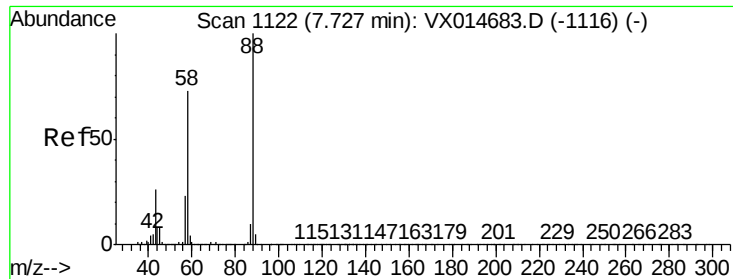
Delta R.T. 0.00 min

Lab File: VX014738.D

Acq: 27 Jan 2020 19:47

Tgt Ion:	41	Resp:	284147
Ion	Ratio	Lower	Upper
41	100		
69	81.3	63.5	95.3
39	56.8	43.7	65.5





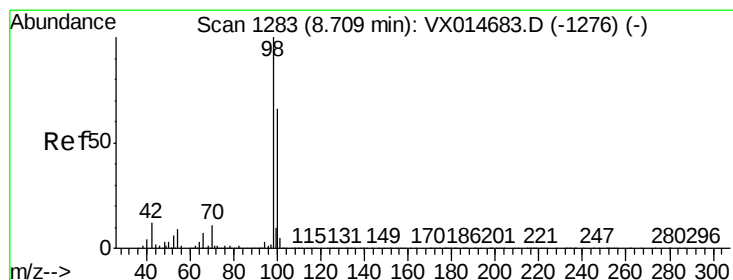
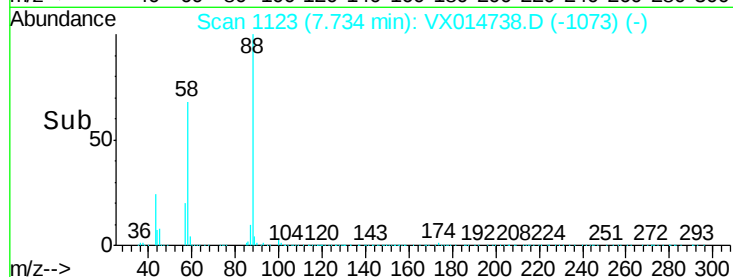
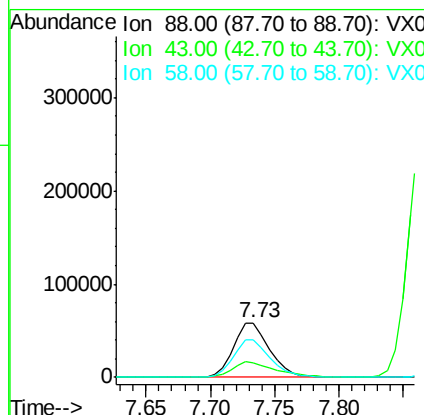
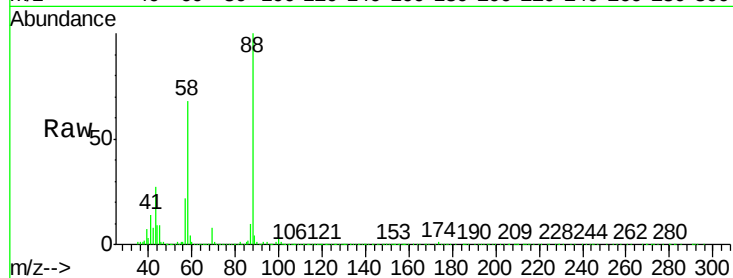
#49
1,4-Dioxane
Concen: 969.218 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX014738.D
Acq: 27 Jan 2020 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.4	26.2	39.2
58	70.8	56.6	85.0

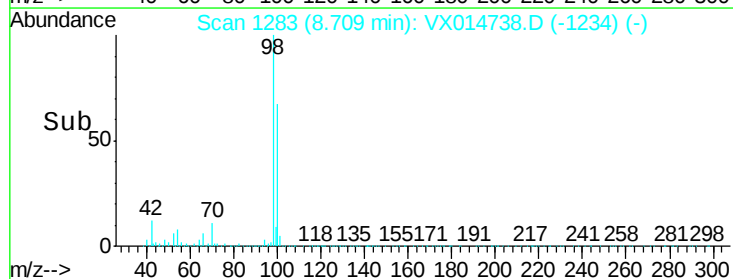
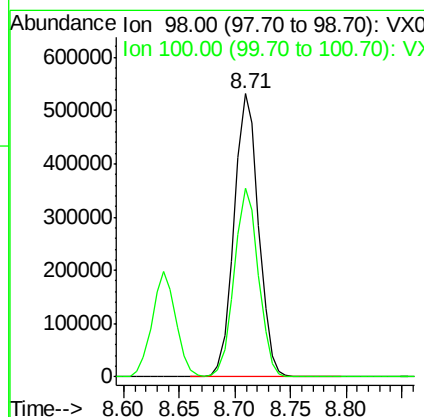
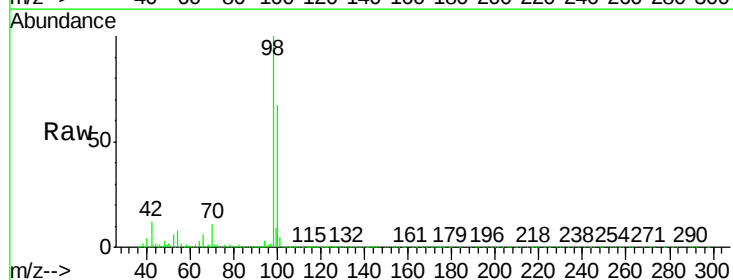
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#50
Toluene-d8
Concen: 50.485 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014738.D
Acq: 27 Jan 2020 19:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.6





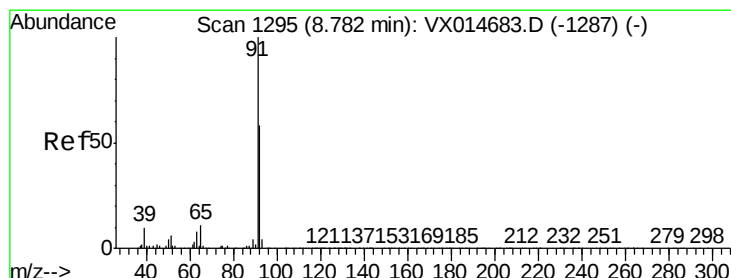
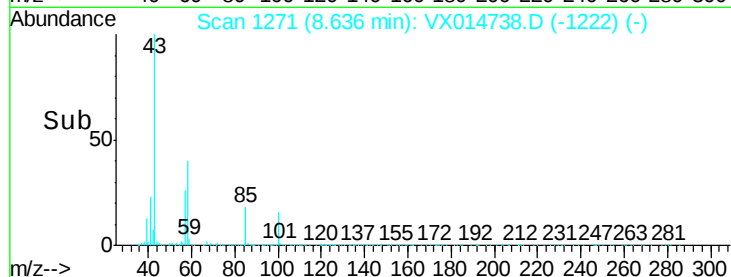
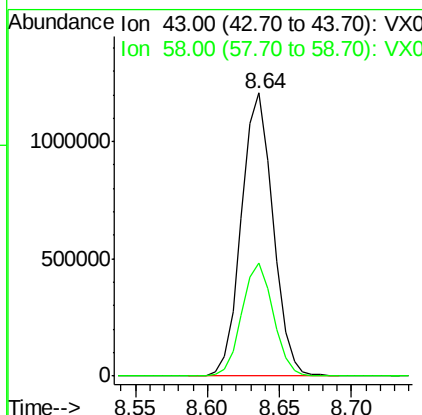
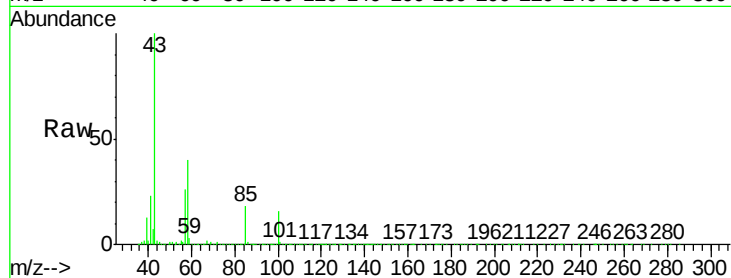
#51
4-Methyl-2-Pentanone
Concen: 253.888 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014738.D
Acq: 27 Jan 2020 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1839265
Ion Ratio Lower Upper
43 100
58 39.7 31.6 47.4

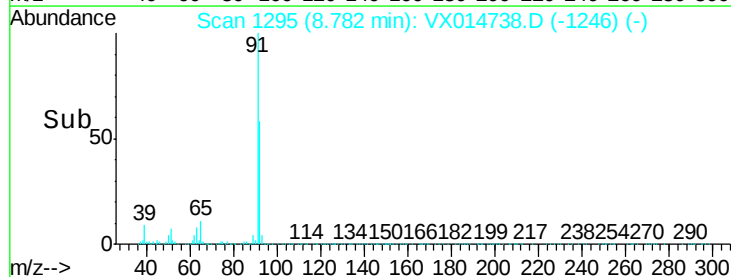
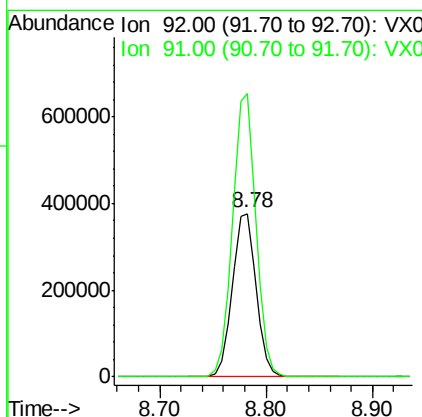
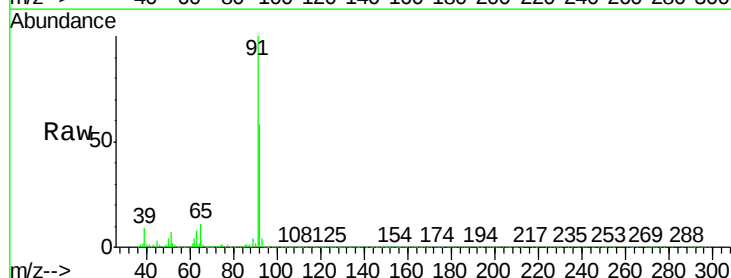
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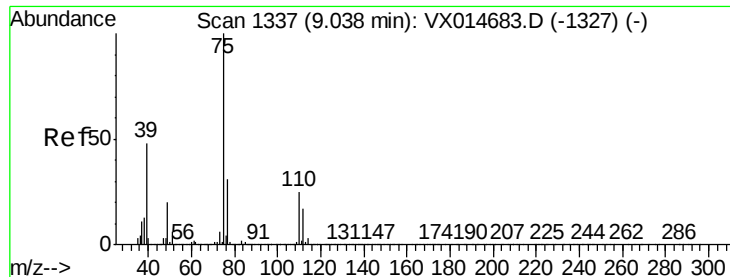
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#52
Toluene
Concen: 50.753 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX014738.D
Acq: 27 Jan 2020 19:47

Tgt Ion: 92 Resp: 589936
Ion Ratio Lower Upper
92 100
91 171.0 135.9 203.9





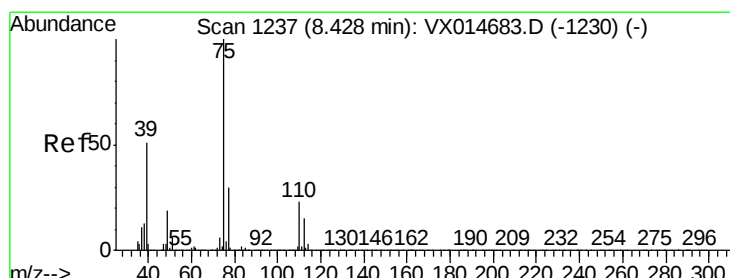
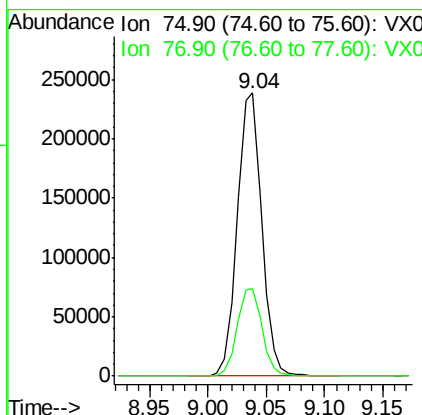
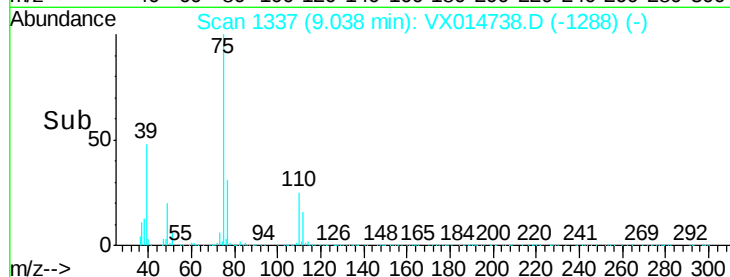
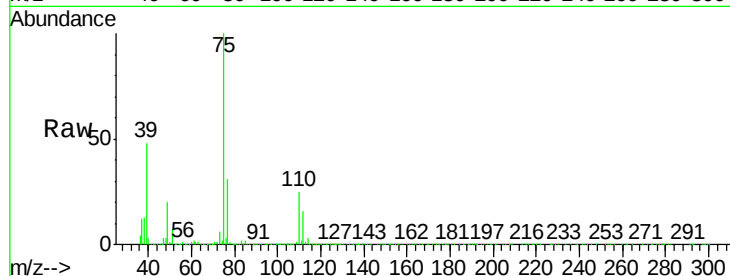
#53
t-1,3-Dichloropropene
Concen: 52.560 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014738.D
Acq: 27 Jan 2020 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	24.9	37.3

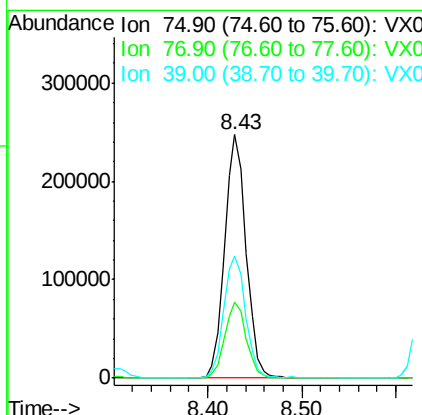
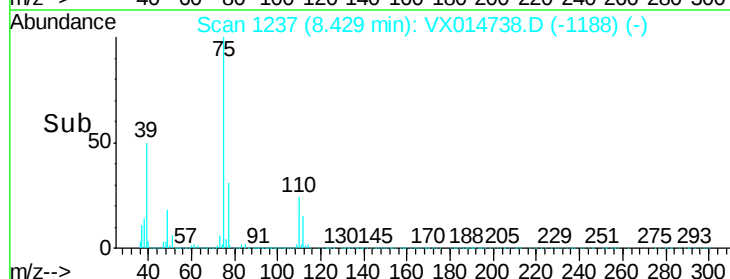
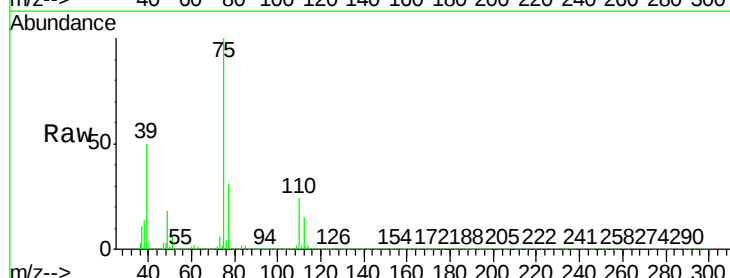
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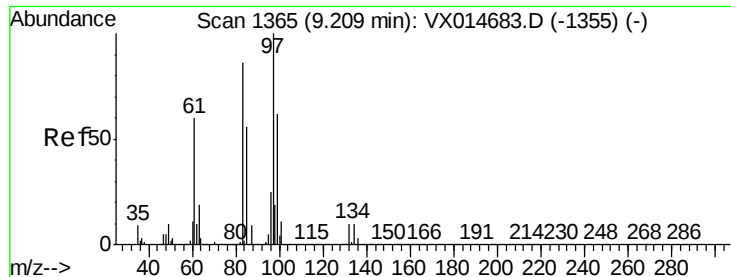
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#54
cis-1,3-Dichloropropene
Concen: 53.121 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014738.D
Acq: 27 Jan 2020 19:47

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	23.9	35.9
39	50.0	40.9	61.3





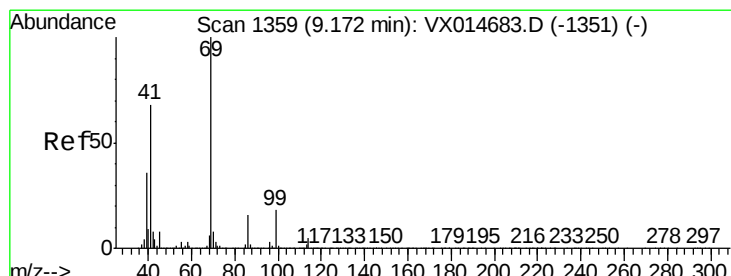
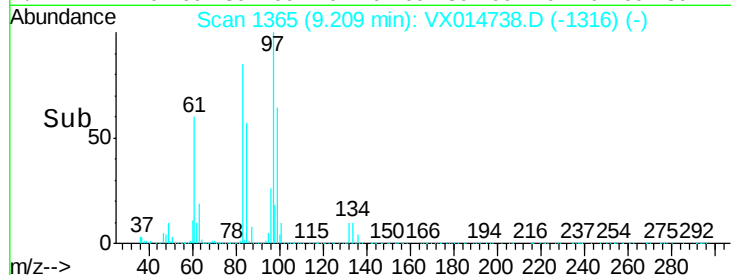
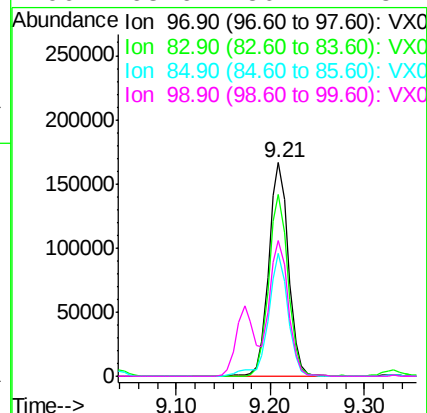
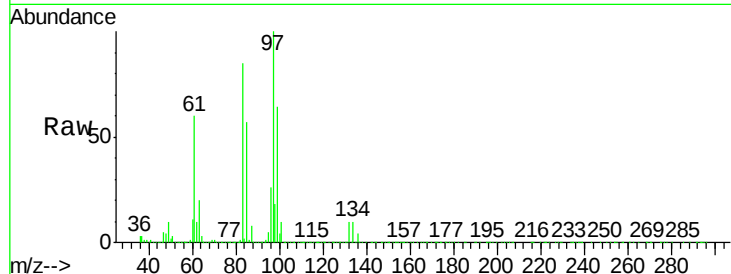
#55
 1,1,2-Trichloroethane
 Concen: 51.517 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014738.D
 Acq: 27 Jan 2020 19:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		245167		
83	84.6	69.2	103.8		
85	57.3	44.6	67.0		
99	63.6	50.1	75.1		

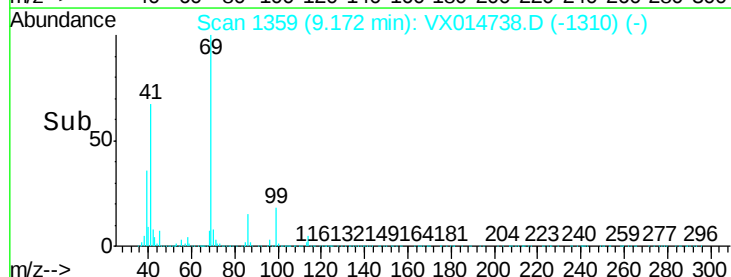
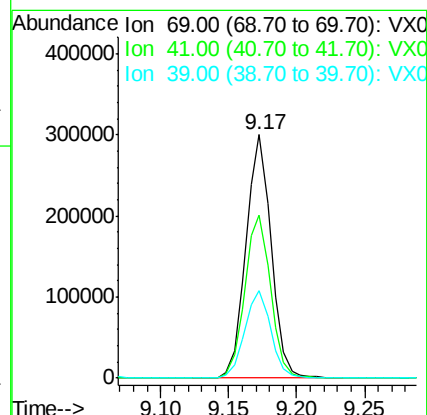
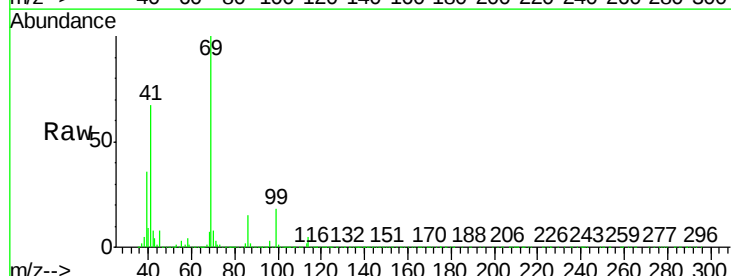
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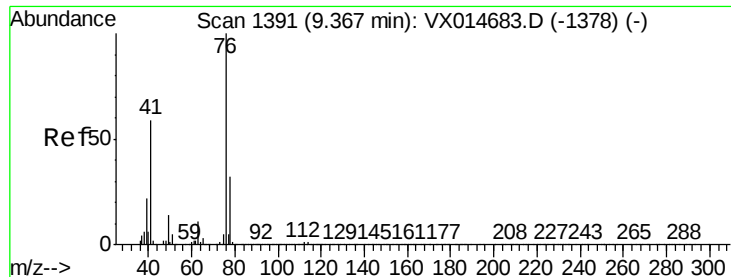
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#56
 Ethyl methacrylate
 Concen: 48.201 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014738.D
 Acq: 27 Jan 2020 19:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		388348		
41	68.7	54.9	82.3		
39	36.7	29.3	43.9		





#57

1,3-Dichloropropane

Concen: 51.110 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014738.D

Acq: 27 Jan 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 415791

Ion Ratio Lower Upper

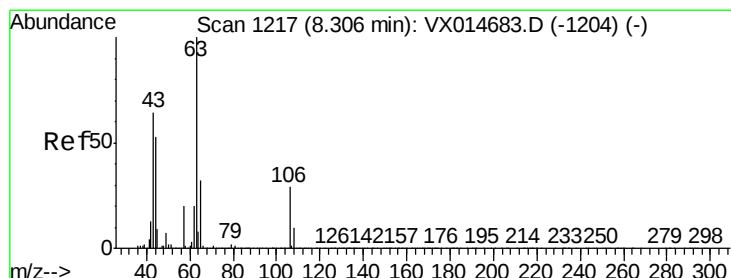
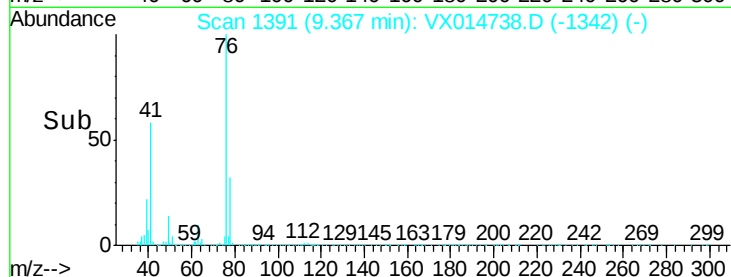
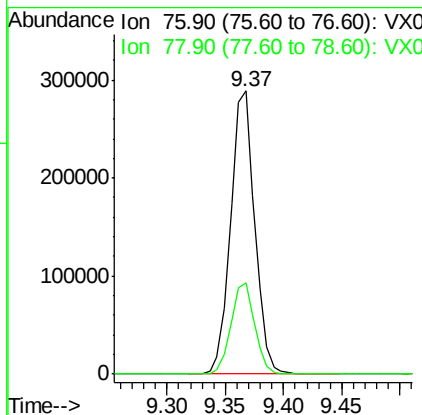
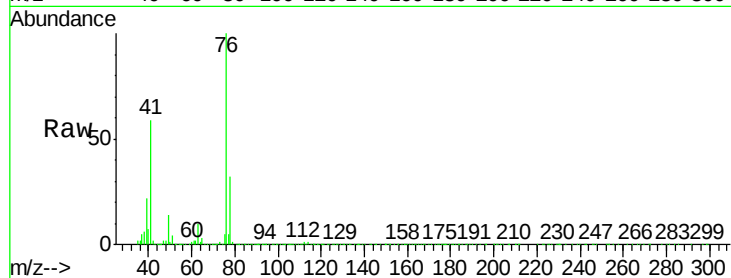
76 100

78 31.7 26.0 39.0

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 270.370 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014738.D

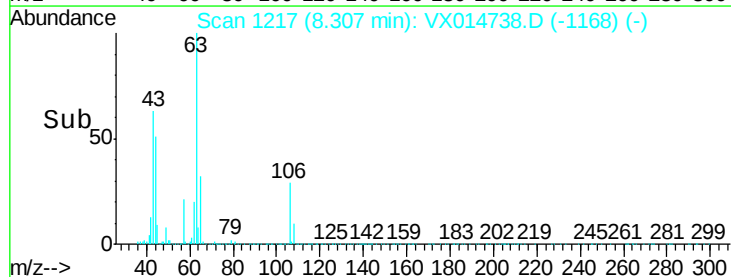
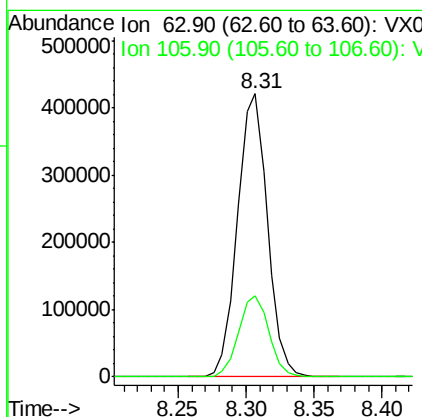
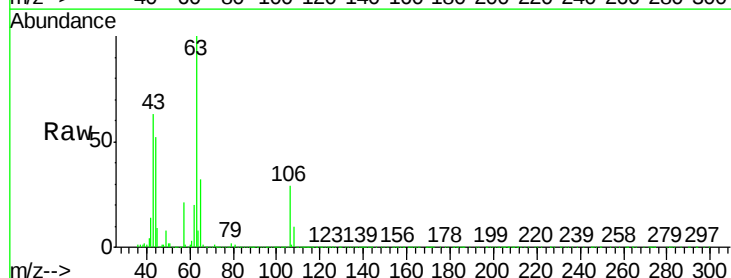
Acq: 27 Jan 2020 19:47

Tgt Ion: 63 Resp: 647082

Ion Ratio Lower Upper

63 100

106 29.0 22.7 34.1





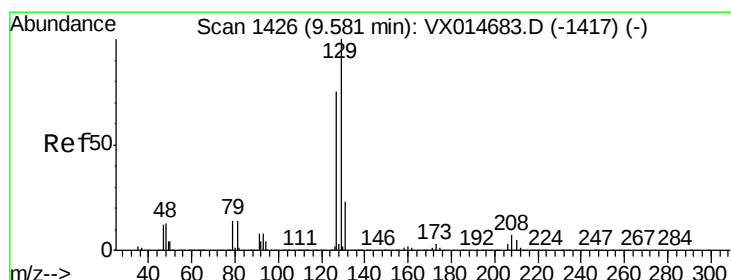
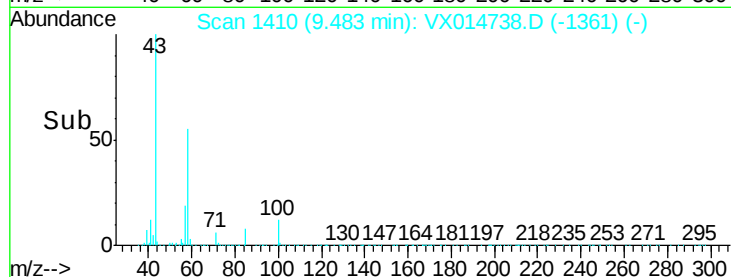
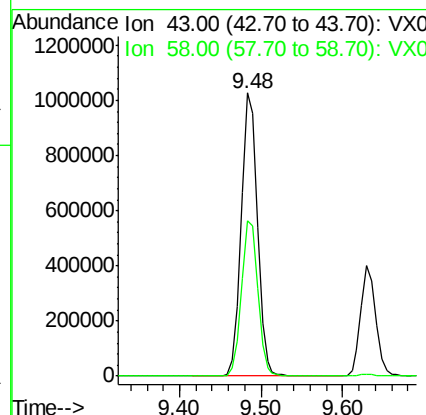
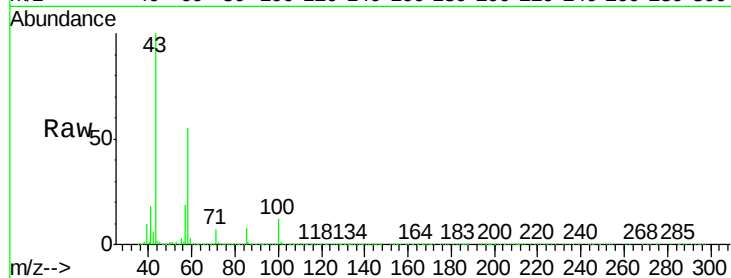
#59
2-Hexanone
Concen: 247.295 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014738.D
Acq: 27 Jan 2020 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1390179
Ion Ratio Lower Upper
43 100
58 55.5 27.2 81.5

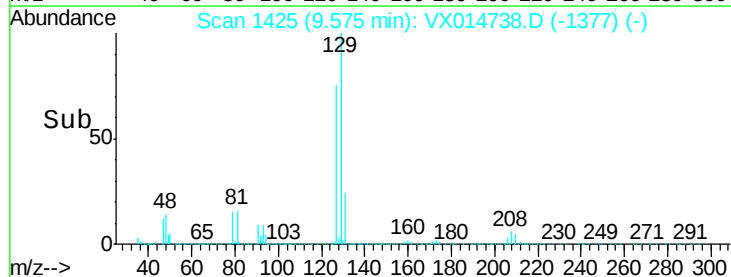
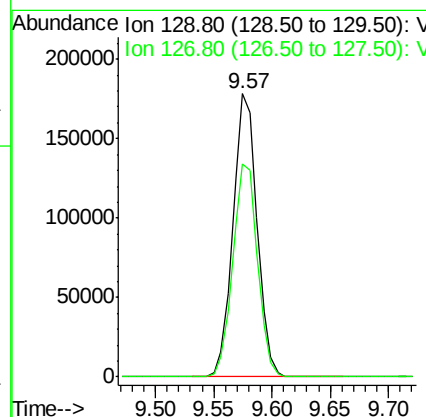
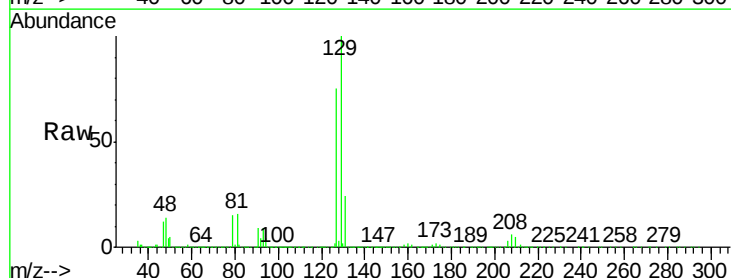
Manual Integrations
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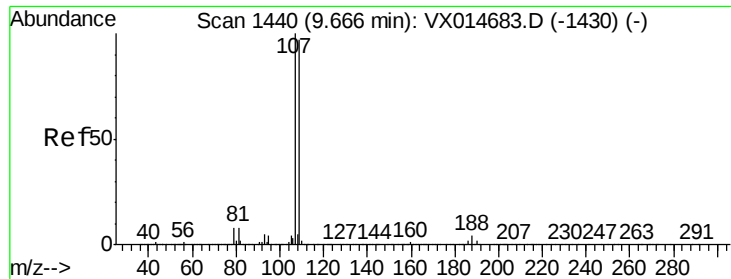
MMDadoda
1/28/2020 11:18:08 AM



#60
Dibromochloromethane
Concen: 51.793 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014738.D
Acq: 27 Jan 2020 19:47

Tgt Ion: 129 Resp: 257273
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.550 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014738.D

Acq: 27 Jan 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 254350

Ion Ratio Lower Upper

107 100

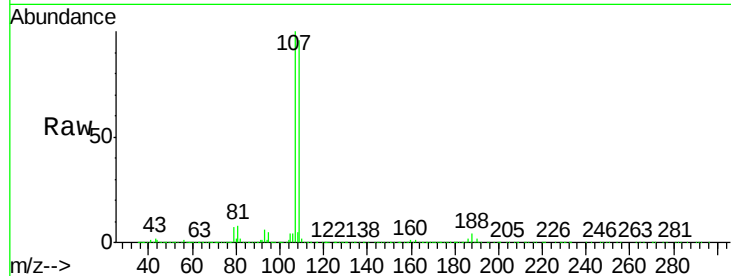
109 94.9 76.2 114.2

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

200000

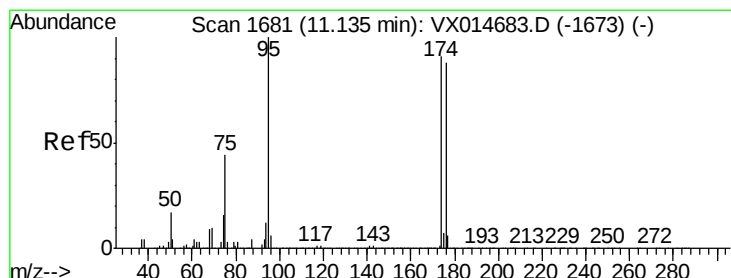
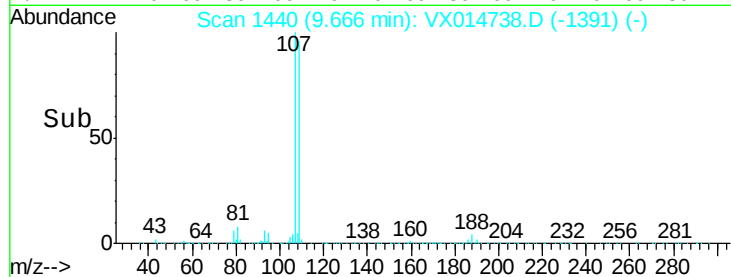
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.495 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014738.D

Acq: 27 Jan 2020 19:47

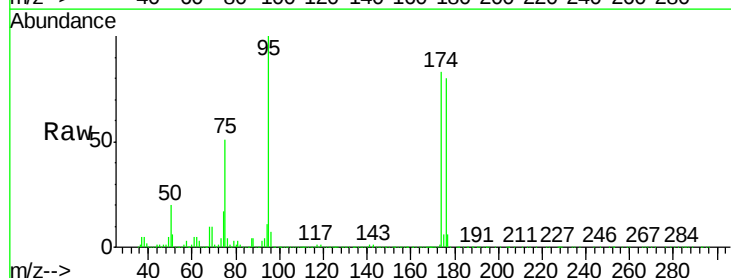
Tgt Ion: 95 Resp: 287379

Ion Ratio Lower Upper

95 100

174 89.0 0.0 176.0

176 85.7 0.0 172.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

300000

250000

200000

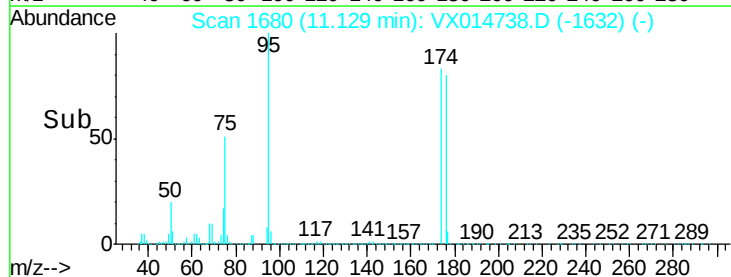
150000

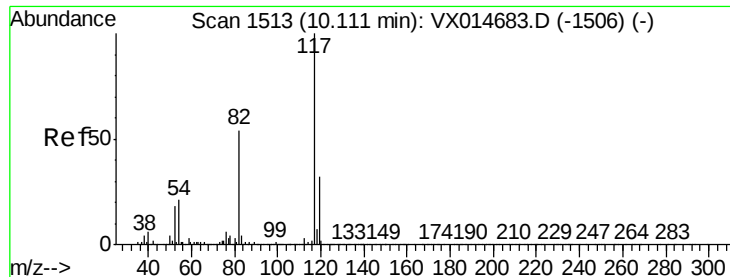
100000

50000

0

Time-->





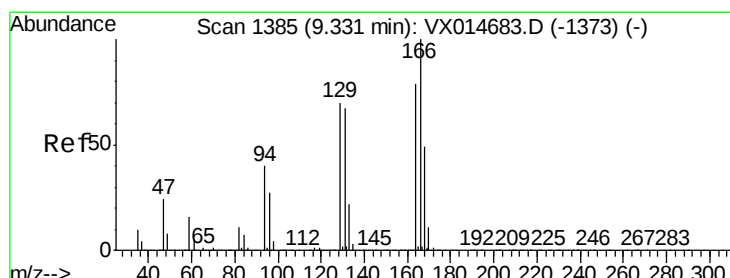
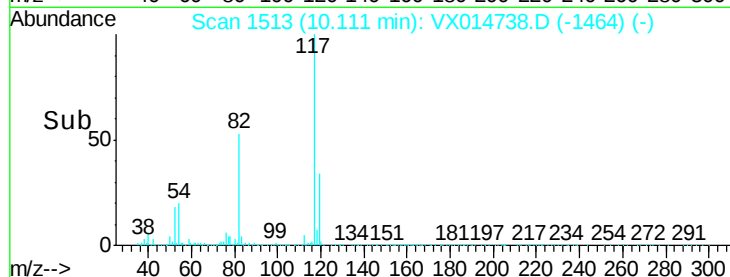
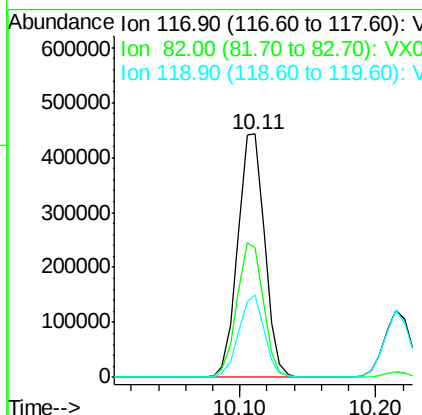
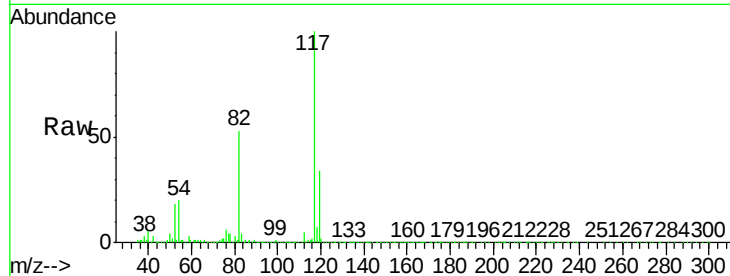
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014738.D
Acq: 27 Jan 2020 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	607810		
82	53.1	43.2	64.8	
119	33.8	25.8	38.6	

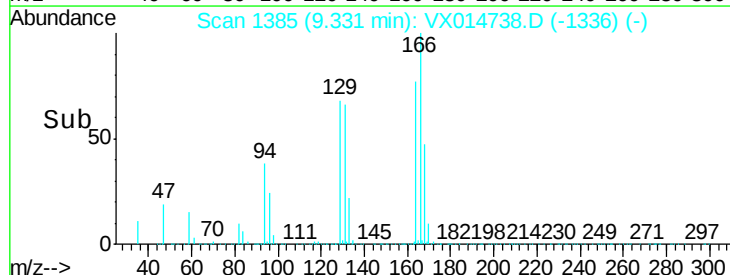
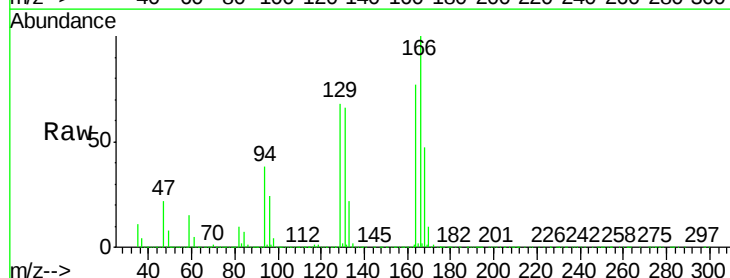
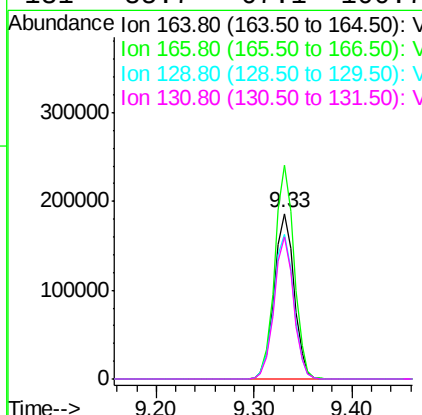
Manual Integrations
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#64
Tetrachloroethene
Concen: 43.690 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014738.D
Acq: 27 Jan 2020 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	262864		
166	129.0	100.9	151.3	
129	87.3	71.0	106.6	
131	85.7	67.1	100.7	





#65

Chlorobenzene

Concen: 48.990 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014738.D

Acq: 27 Jan 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 636907

Ion Ratio Lower Upper

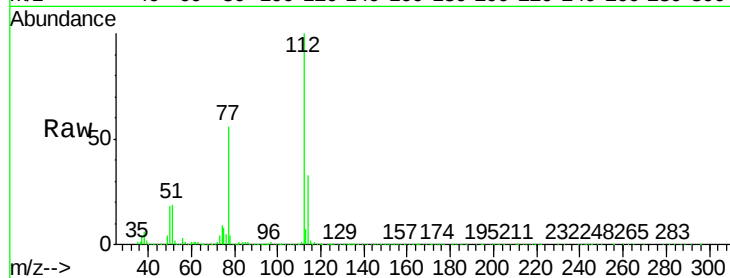
112 100

114 32.5 25.8 38.8

Manual Integrations
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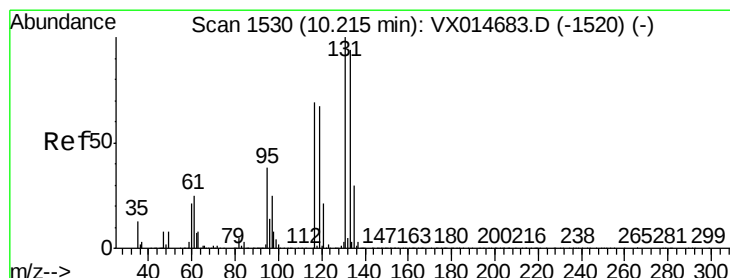
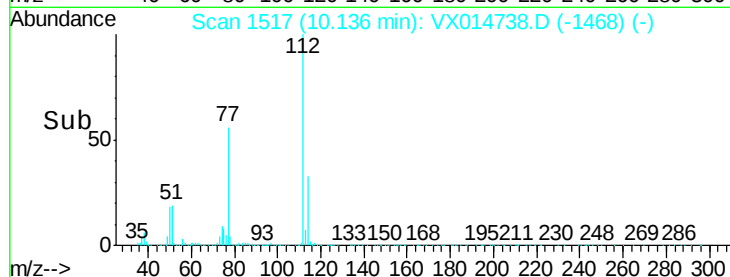
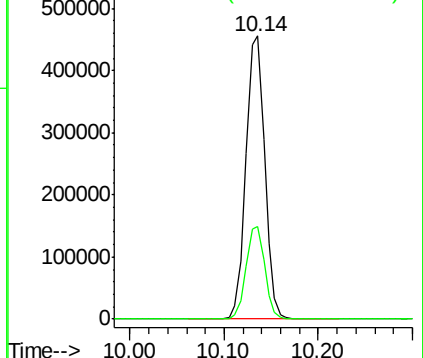
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.367 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014738.D

Acq: 27 Jan 2020 19:47

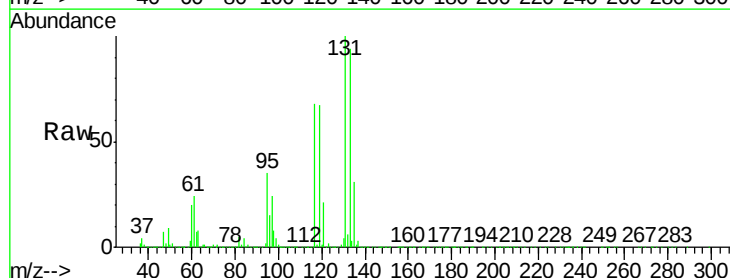
Tgt Ion:131 Resp: 236640

Ion Ratio Lower Upper

131 100

133 95.6 47.4 142.3

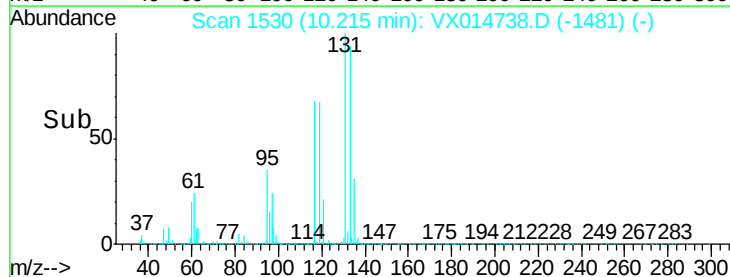
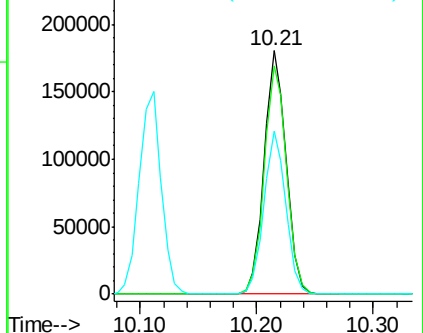
119 67.2 33.3 99.8

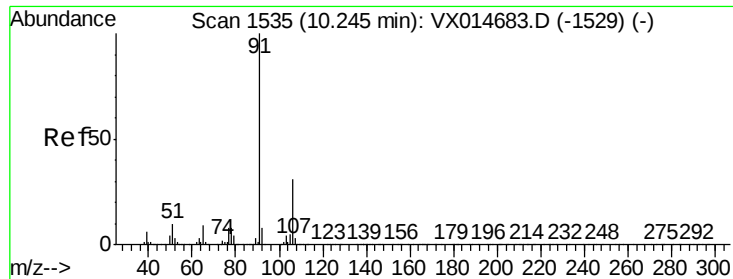


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





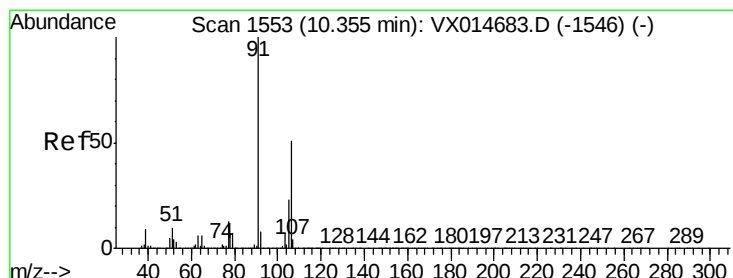
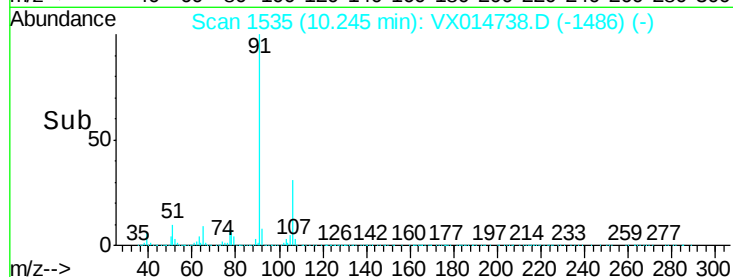
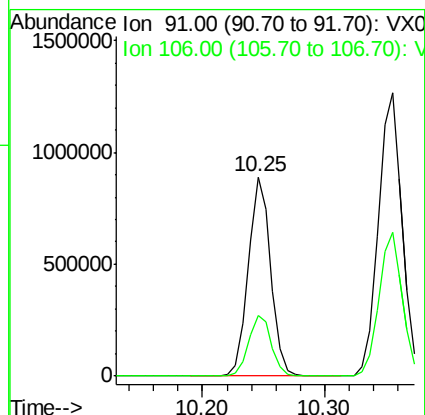
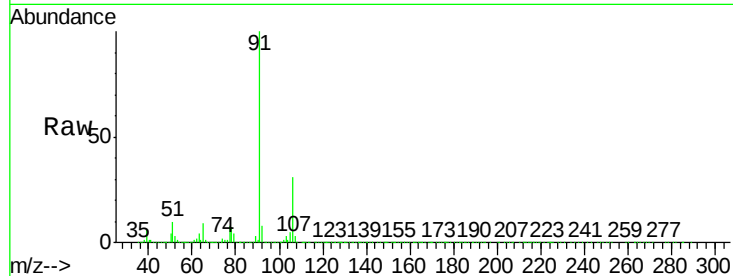
#67
Ethyl Benzene
Concen: 50.723 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014738.D
Acq: 27 Jan 2020 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1125976
Ion Ratio Lower Upper
91 100
106 30.6 24.9 37.3

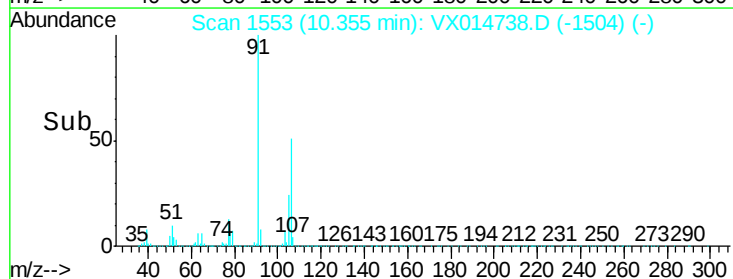
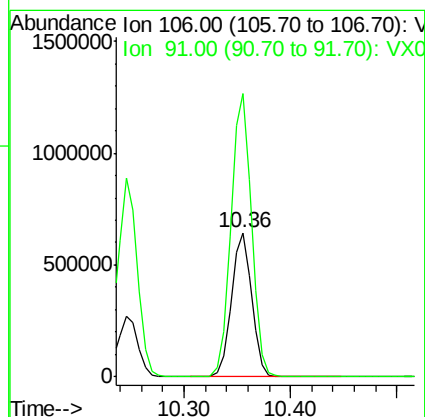
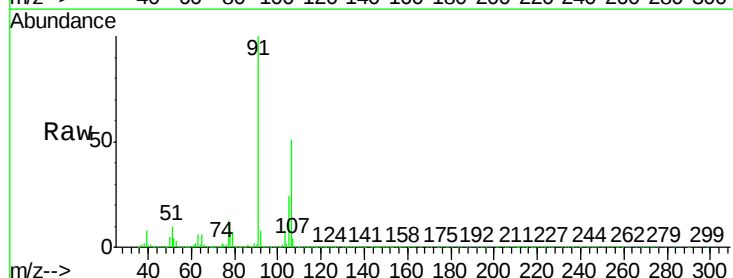
Manual Integrations
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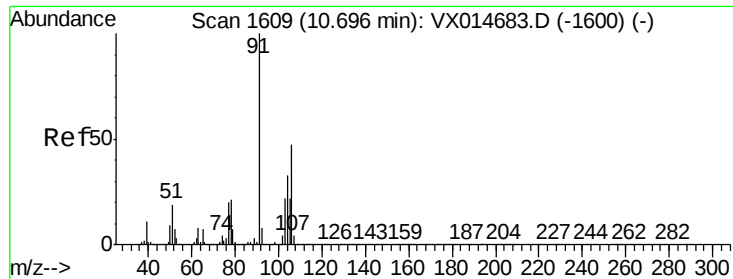
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#68
m/p-Xylenes
Concen: 102.072 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014738.D
Acq: 27 Jan 2020 19:47

Tgt Ion: 106 Resp: 858407
Ion Ratio Lower Upper
106 100
91 198.7 159.4 239.2





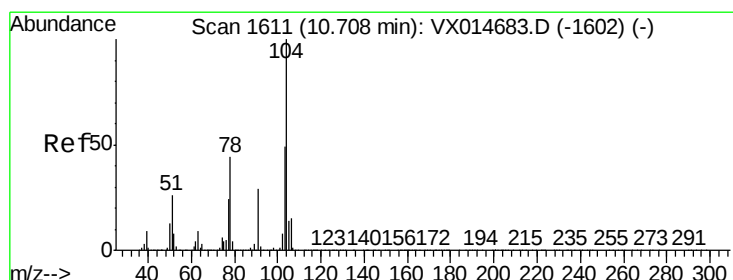
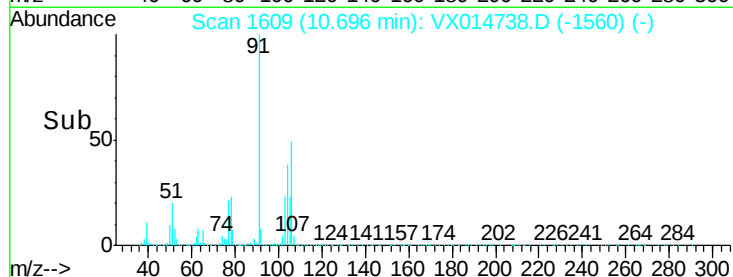
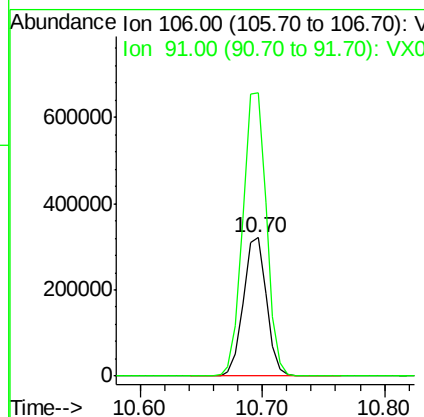
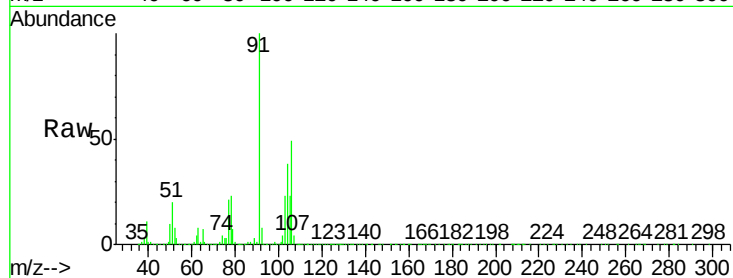
#69
o-Xylene
Concen: 51.490 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014738.D
Acq: 27 Jan 2020 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 418041
Ion Ratio Lower Upper
106 100
91 209.9 106.2 318.6

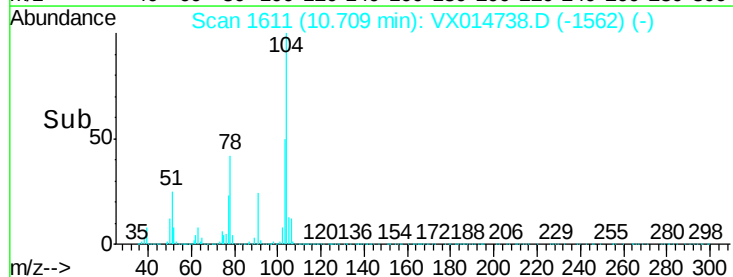
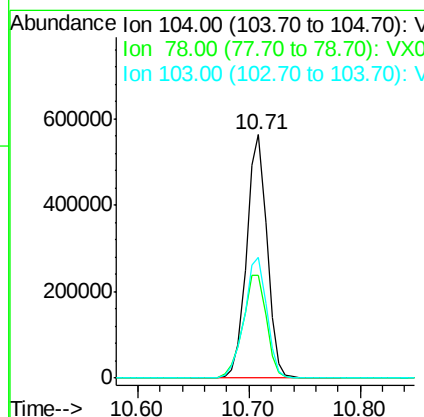
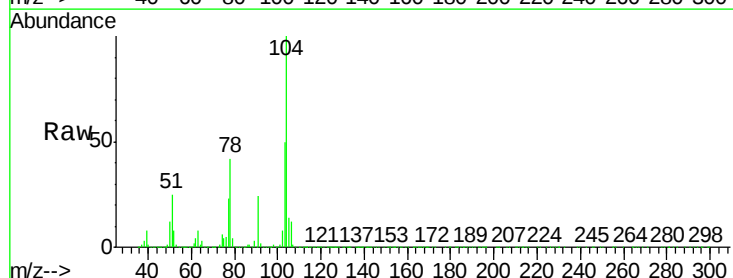
Manual Integrations
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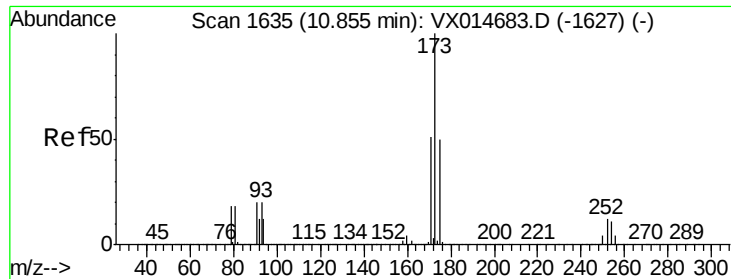
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#70
Styrene
Concen: 52.654 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014738.D
Acq: 27 Jan 2020 19:47

Tgt Ion:104 Resp: 717098
Ion Ratio Lower Upper
104 100
78 49.0 39.3 58.9
103 54.5 43.5 65.3





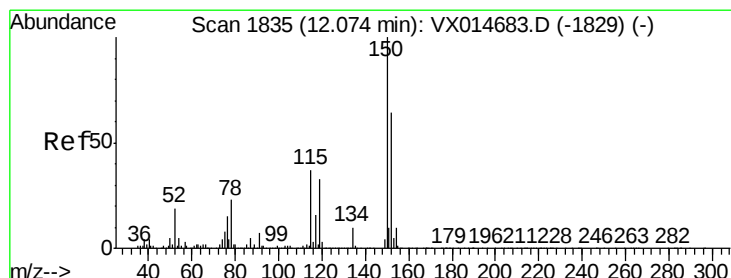
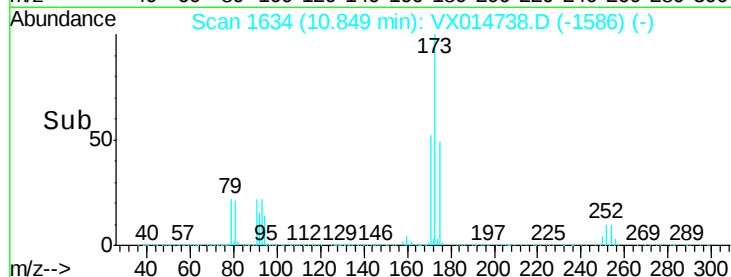
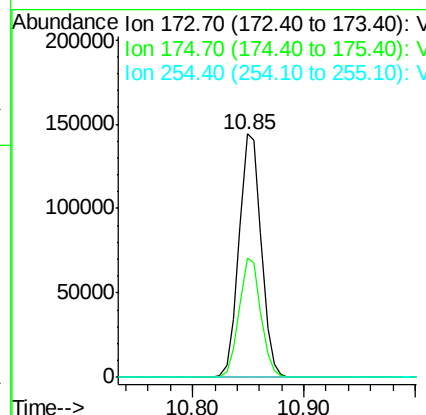
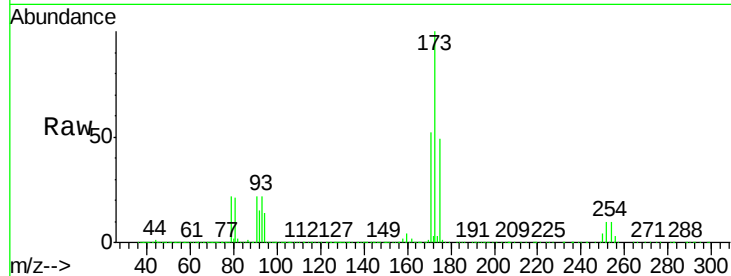
#71
Bromoform
Concen: 52.064 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014738.D
Acq: 27 Jan 2020 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.6	73.6
254	0.1	0.1	0.1#

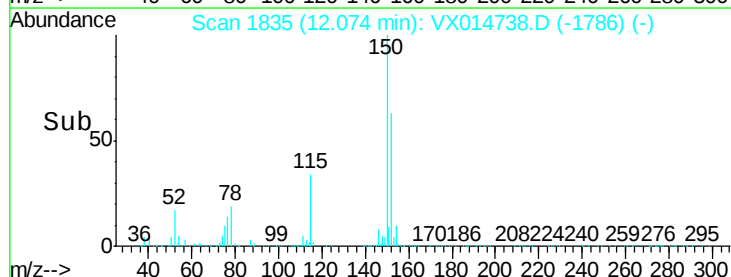
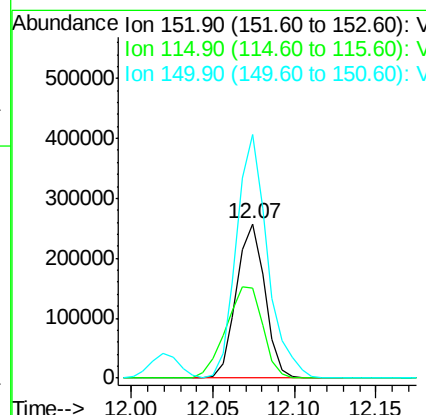
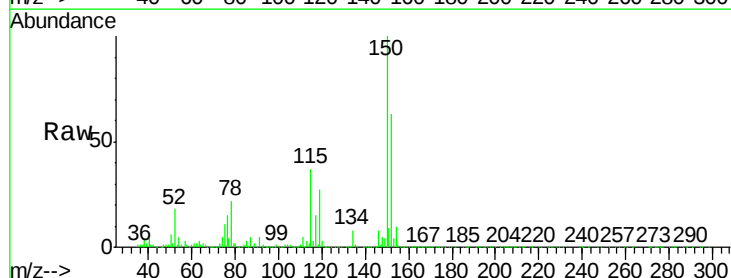
Manual Integrations
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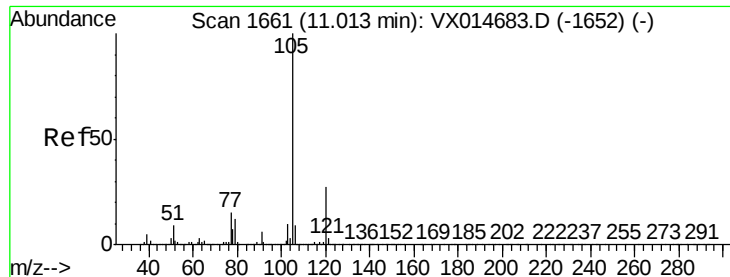
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014738.D
Acq: 27 Jan 2020 19:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.5	39.4	118.1
150	172.8	0.0	351.2





#73

Isopropylbenzene

Concen: 49.834 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014738.D

Acq: 27 Jan 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 1093861

Ion Ratio Lower Upper

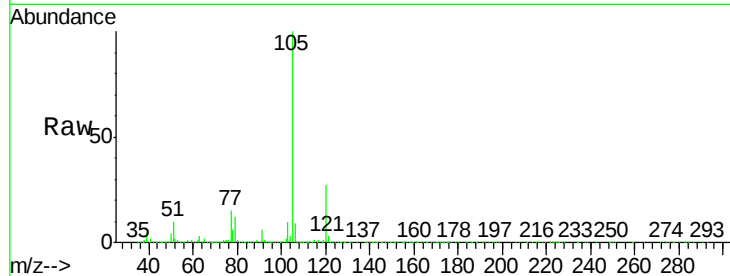
105 100

120 26.9 13.5 40.5

Manual Integrations
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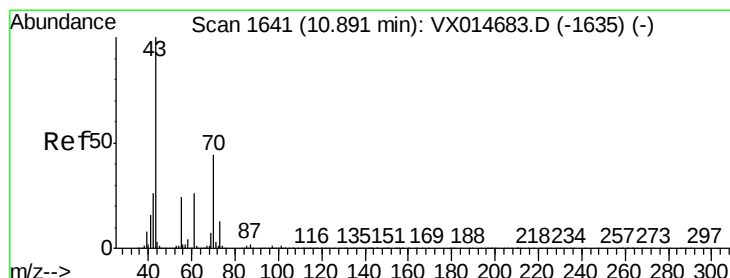
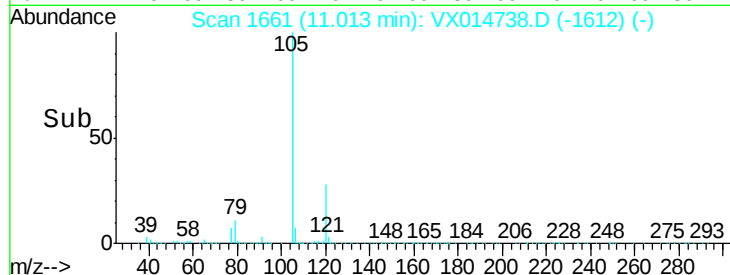
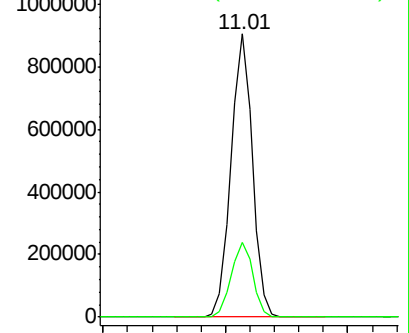
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.354 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014738.D

Acq: 27 Jan 2020 19:47

Tgt Ion: 43 Resp: 513205

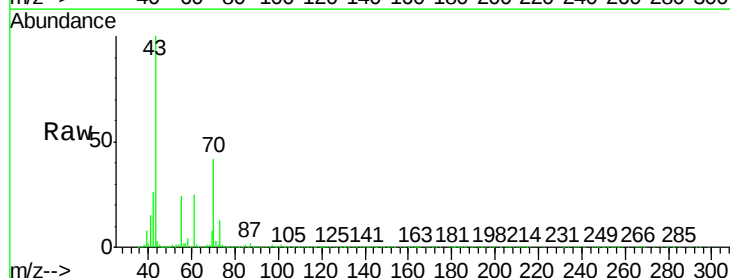
Ion Ratio Lower Upper

43 100

70 42.5 34.6 52.0

55 23.9 19.4 29.2

61 24.9 19.8 29.6

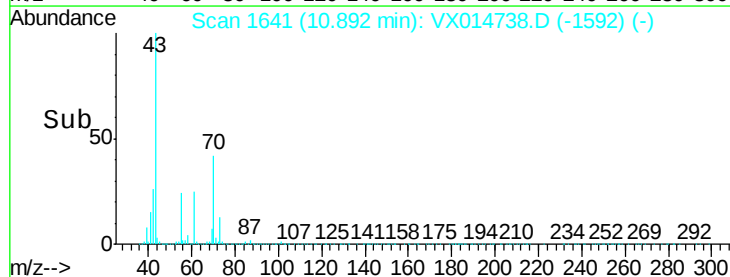
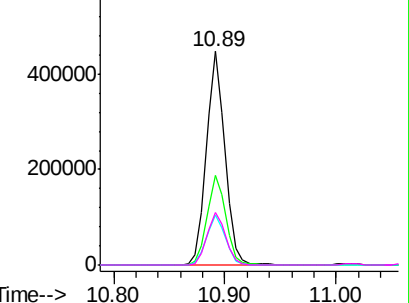


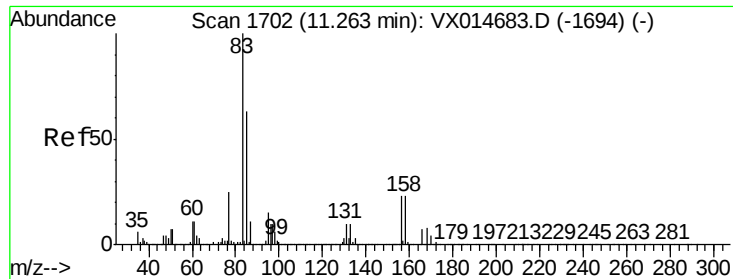
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 47.432 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014738.D

Acq: 27 Jan 2020 19:47

Instrument :

MSVOA_X

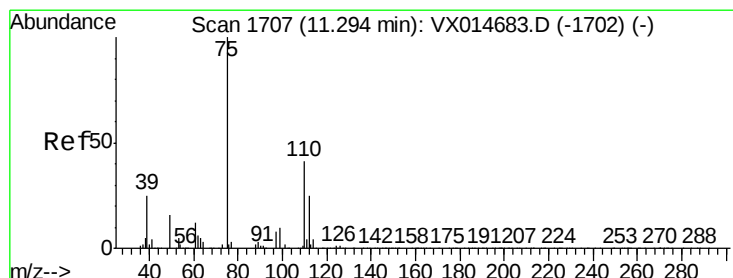
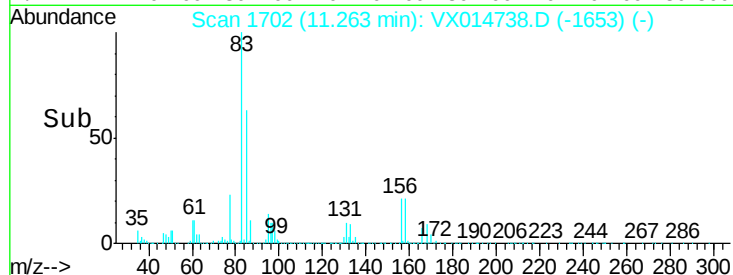
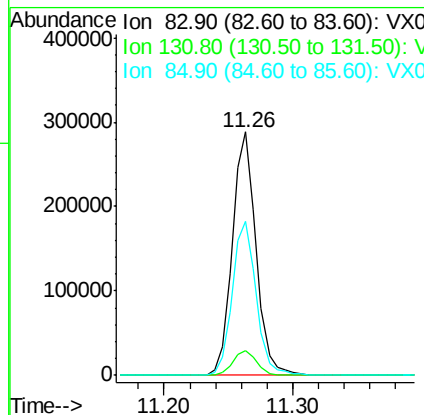
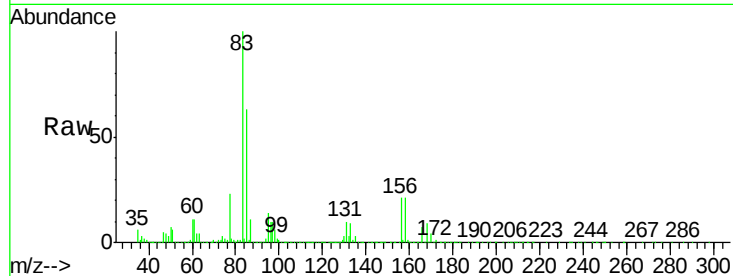
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	371739
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.0	15.0
85	63.9	31.7	95.1

Manual Integrations
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1/28/2020 11:18:08 AM



#76

1,2,3-Trichloropropane

Concen: 42.832 ug/l m

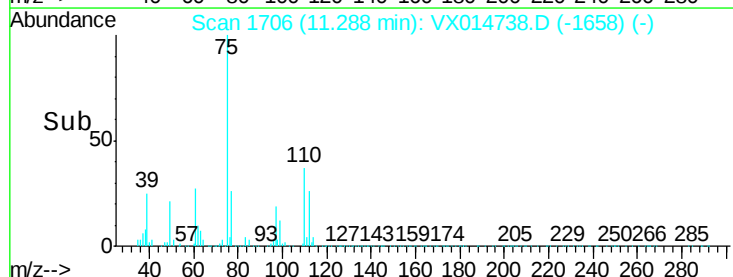
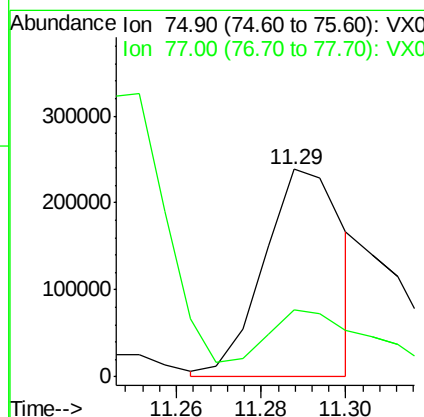
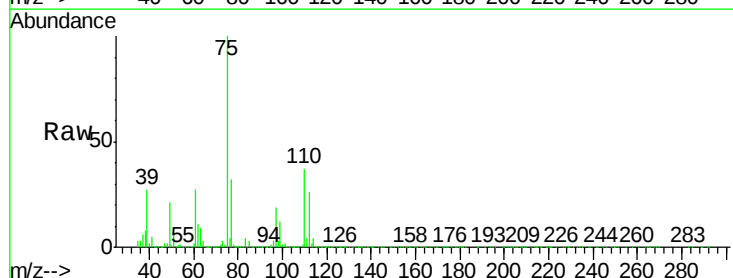
RT: 11.29 min Scan# 1706

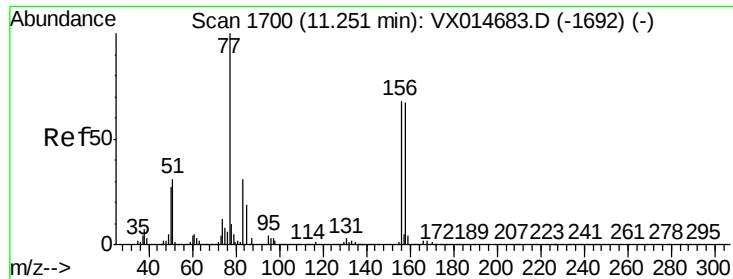
Delta R.T. -0.01 min

Lab File: VX014738.D

Acq: 27 Jan 2020 19:47

Tgt Ion:	75	Resp:	311089
Ion Ratio	Lower	Upper	
75	100		
77	44.9	18.7	56.1





#77

Bromobenzene

Concen: 48.910 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014738.D

Acq: 27 Jan 2020 19:47

Instrument :

MSVOA_X

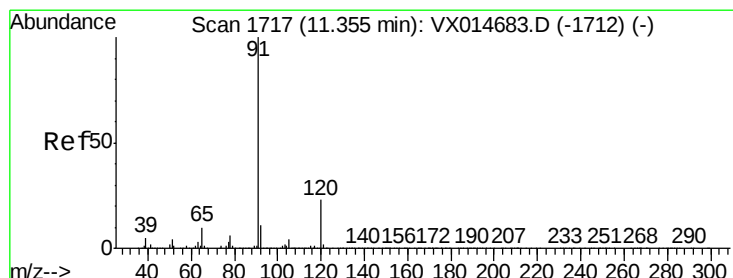
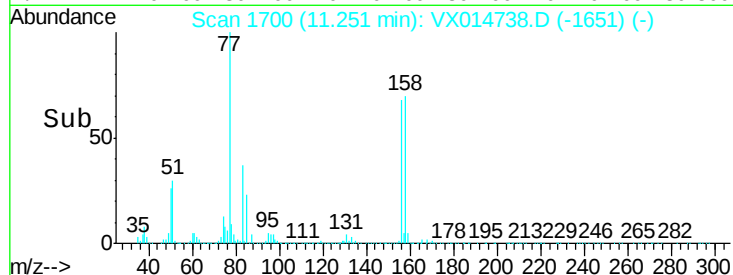
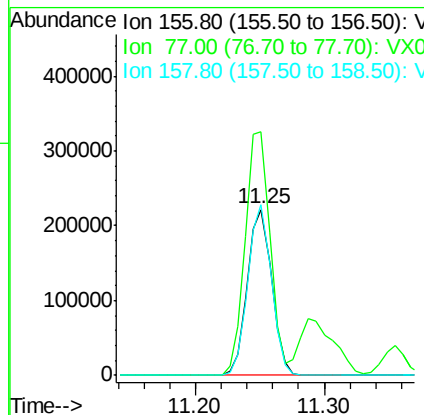
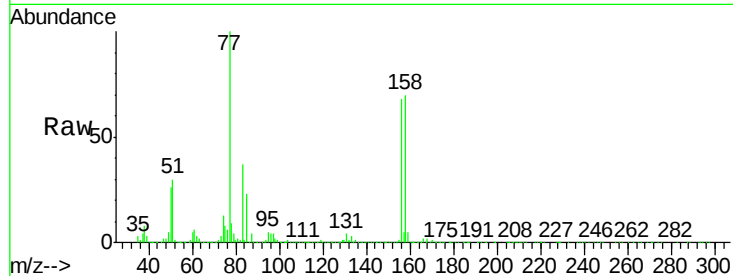
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	150.4	77.5	232.5
158	99.1	49.1	147.3

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#78

n-propylbenzene

Concen: 49.768 ug/l

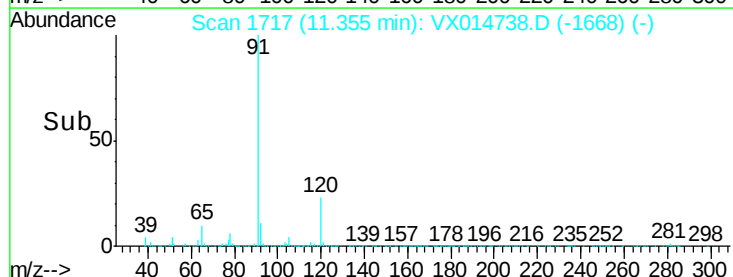
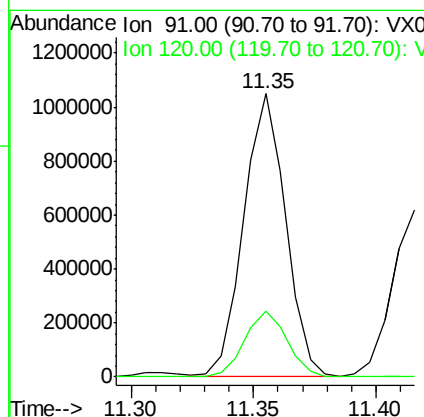
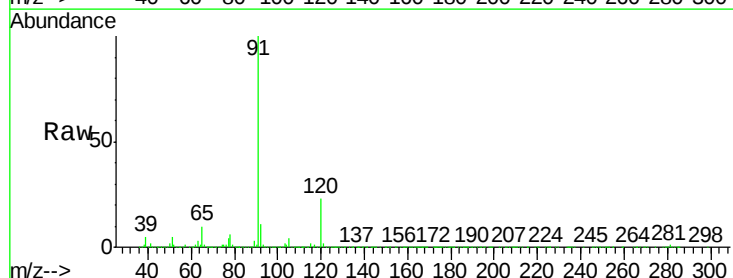
RT: 11.35 min Scan# 1717

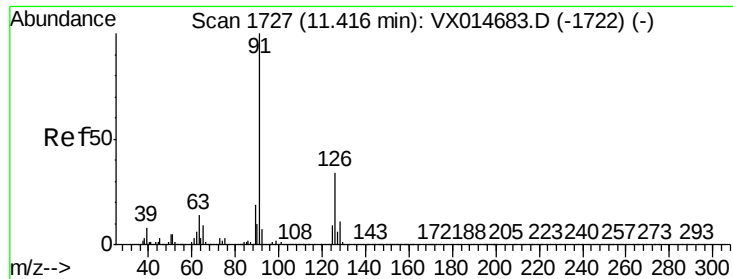
Delta R.T. 0.00 min

Lab File: VX014738.D

Acq: 27 Jan 2020 19:47

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.7	35.0





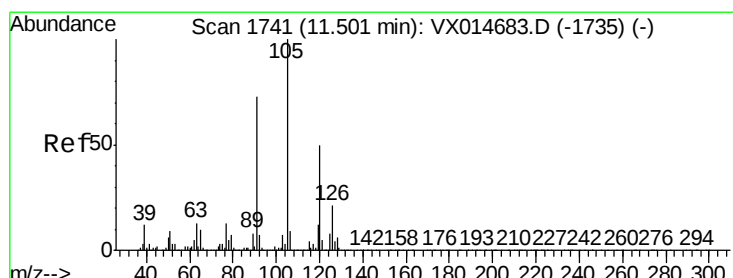
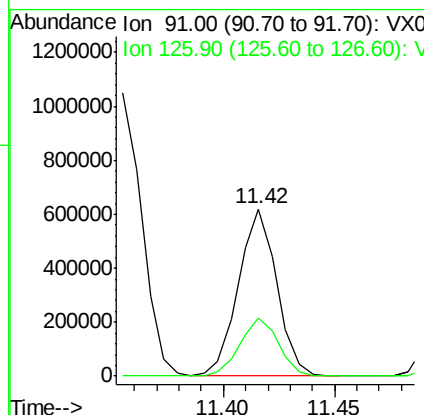
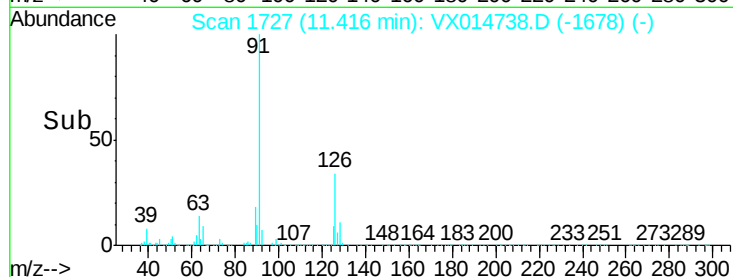
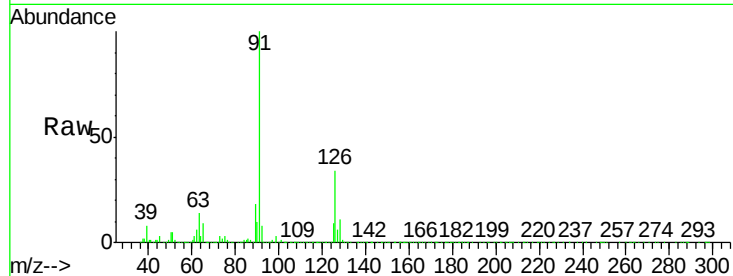
#79
 2-Chlorotoluene
 Concen: 49.346 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014738.D
 Acq: 27 Jan 2020 19:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 743916
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.3 51.9

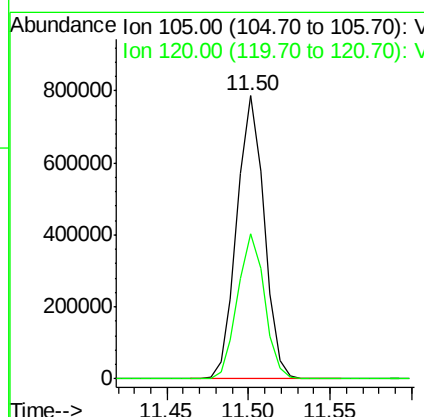
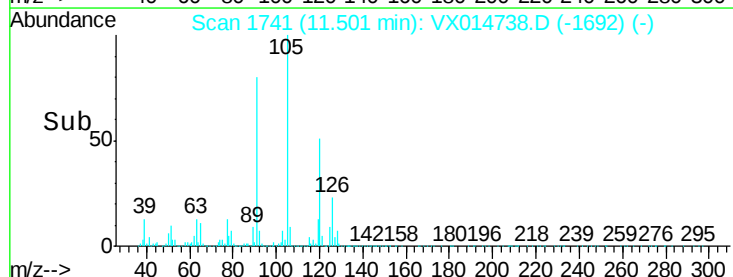
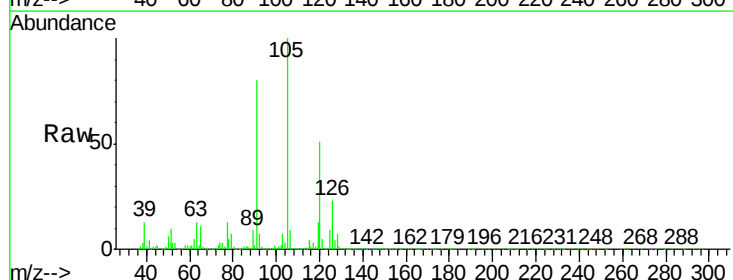
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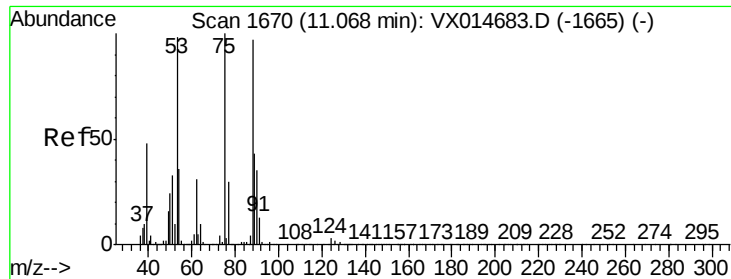
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#80
 1,3,5-Trimethylbenzene
 Concen: 50.218 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014738.D
 Acq: 27 Jan 2020 19:47

Tgt Ion: 105 Resp: 914865
 Ion Ratio Lower Upper
 105 100
 120 50.9 24.9 74.6





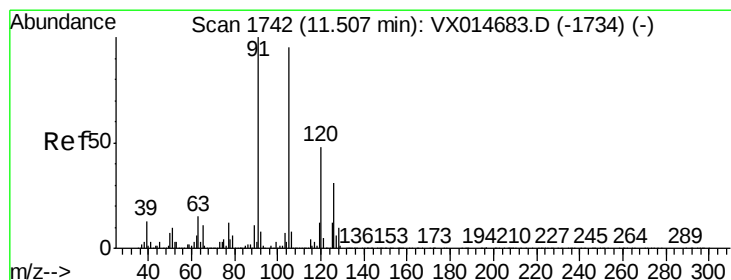
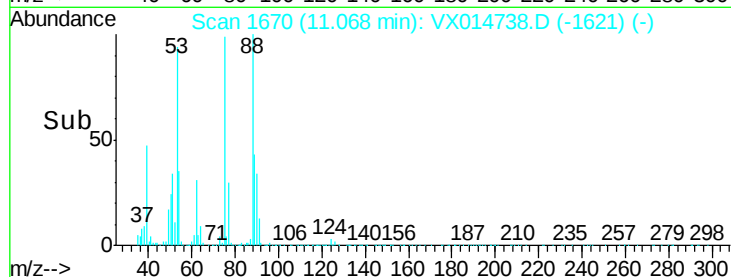
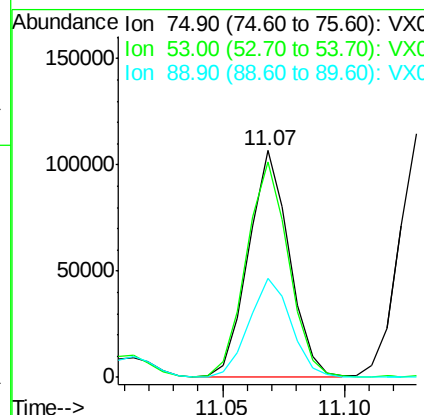
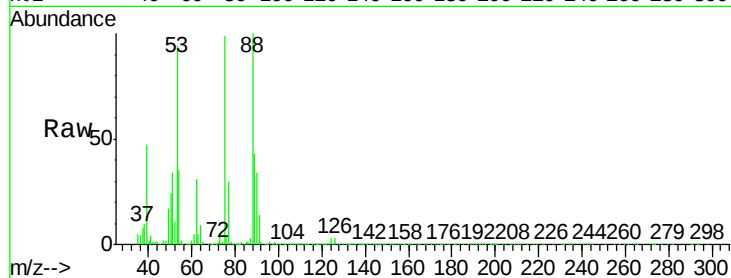
#81
trans-1,4-Dichloro-2-butene
Concen: 48.324 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014738.D
Acq: 27 Jan 2020 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.0	78.8	118.2
89	45.7	35.4	53.0

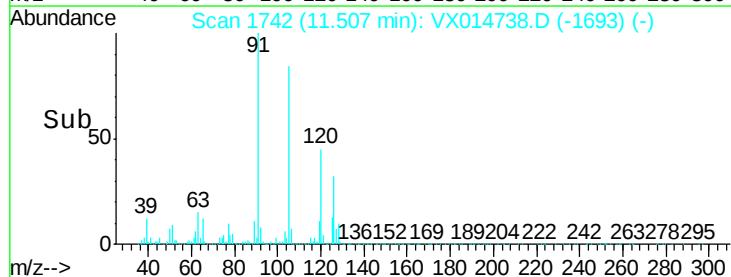
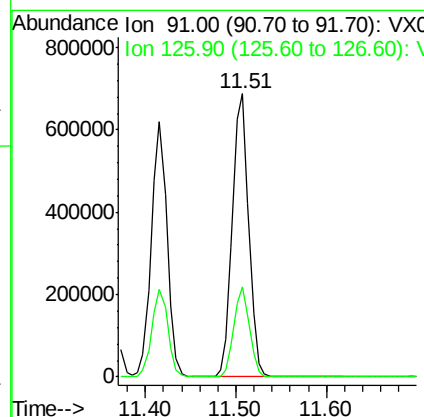
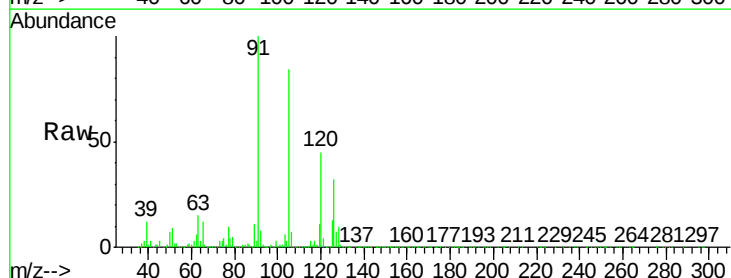
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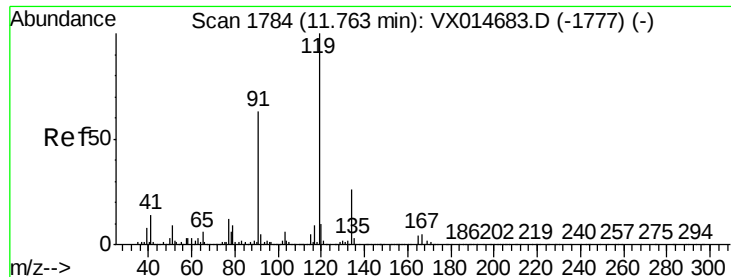
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#82
4-Chlorotoluene
Concen: 50.249 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014738.D
Acq: 27 Jan 2020 19:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.4	46.4





#83

tert-Butylbenzene

Concen: 51.297 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014738.D

Acq: 27 Jan 2020 19:47

Instrument :

MSVOA_X

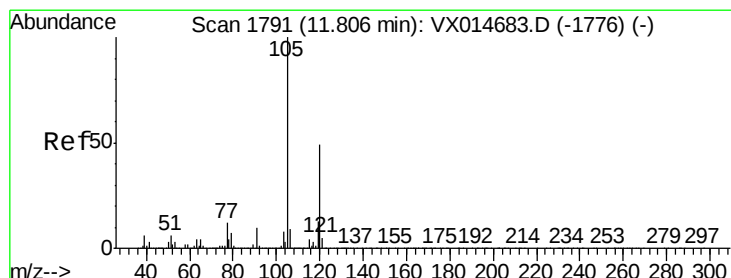
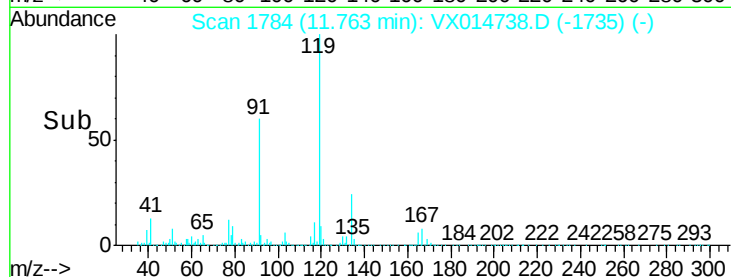
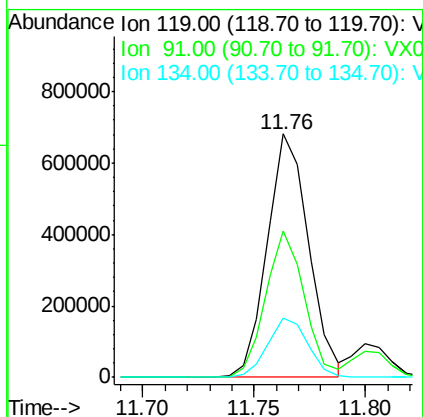
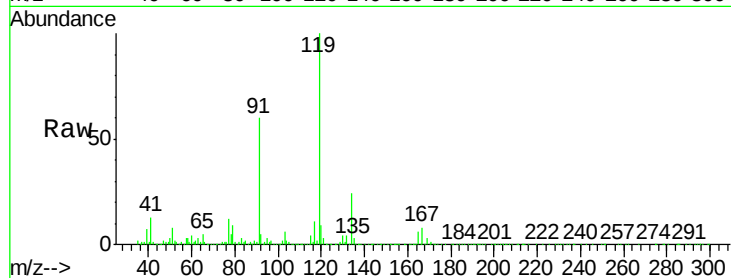
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	878143
Ion Ratio	Lower	Upper	
119	100		
91	56.4	30.0	90.0
134	23.8	12.7	38.0

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#84

1,2,4-Trimethylbenzene

Concen: 50.600 ug/l

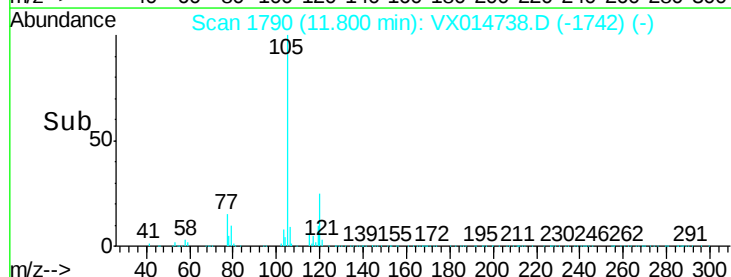
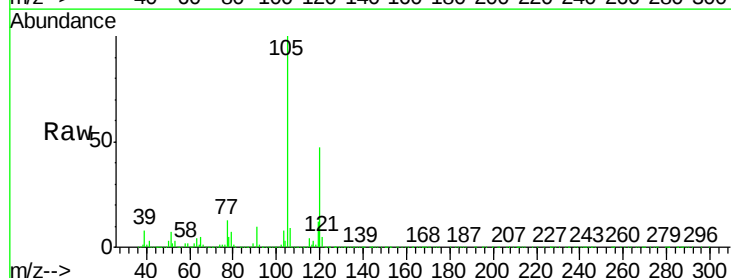
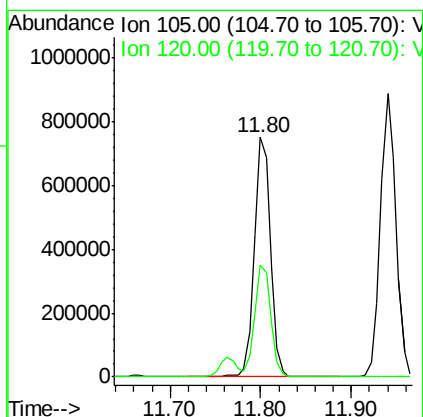
RT: 11.80 min Scan# 1790

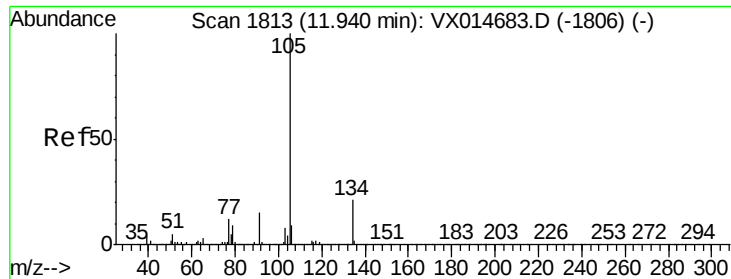
Delta R.T. -0.01 min

Lab File: VX014738.D

Acq: 27 Jan 2020 19:47

Tgt Ion:	105	Resp:	924637
Ion Ratio	Lower	Upper	
105	100		
120	46.3	23.4	70.0





#85

sec-Butylbenzene

Concen: 50.234 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014738.D

Acq: 27 Jan 2020 19:47

Instrument :

MSVOA_X

ClientSampleID :

VSTDCCC050EC

Tot Ion:105 Resp: 1053482

Ion Ratio Lower Upper

105 100

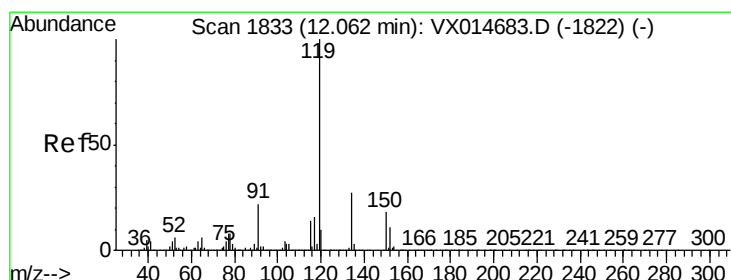
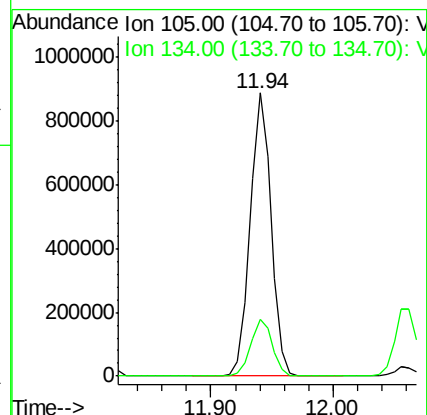
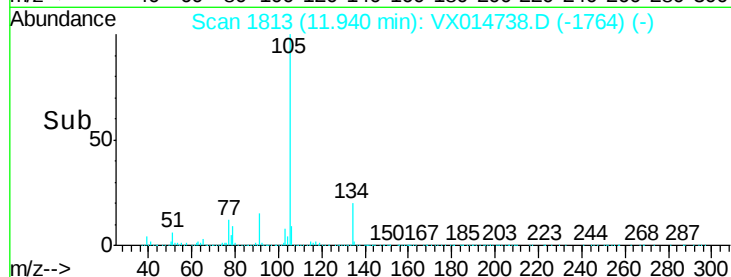
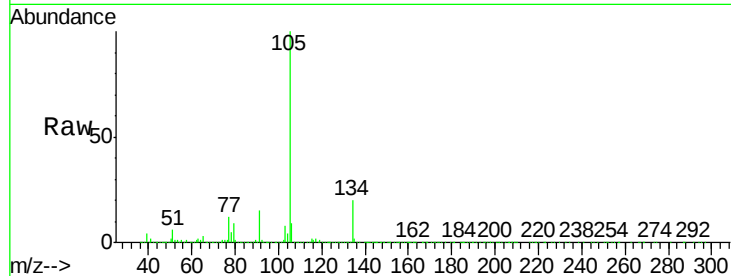
134 20.6 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 50.461 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014738.D

Acq: 27 Jan 2020 19:47

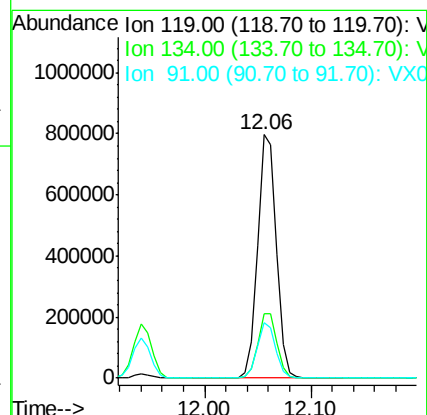
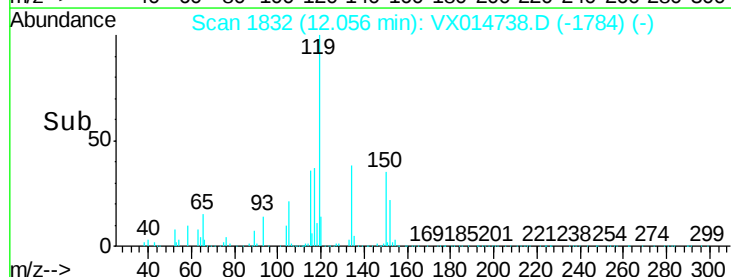
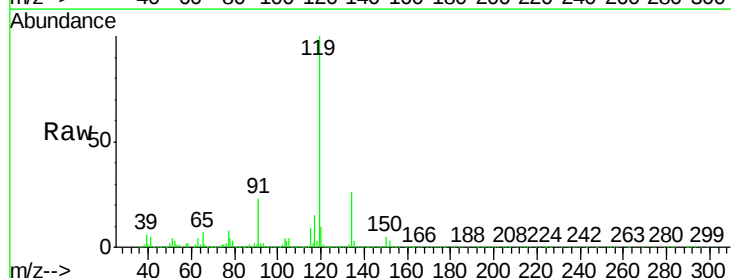
Tgt Ion:119 Resp: 977996

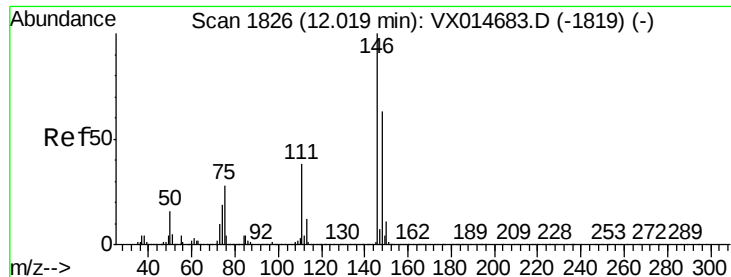
Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

91 22.4 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 48.169 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014738.D

Acq: 27 Jan 2020 19:47

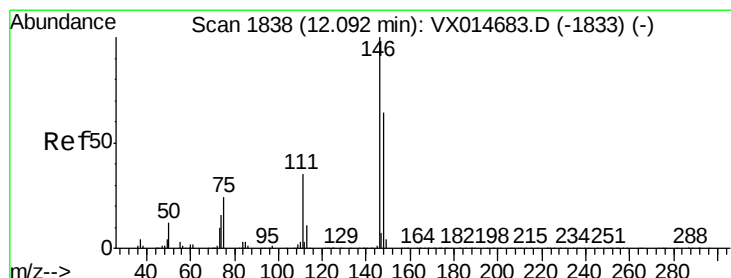
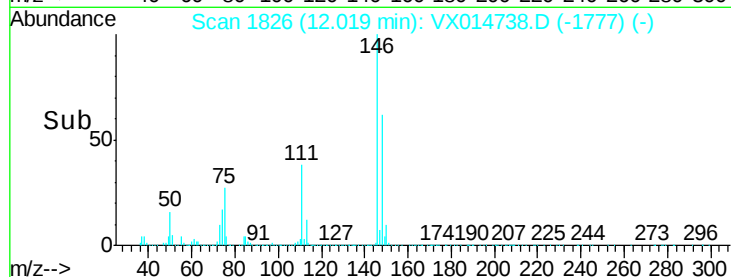
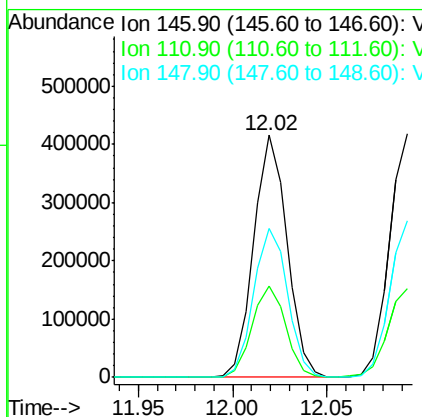
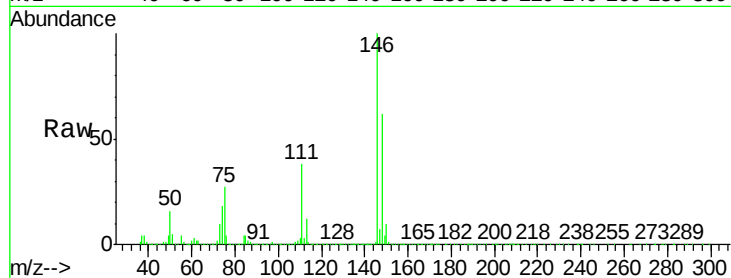
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.0	57.0
148	62.9	31.6	95.0

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#88

1,4-Dichlorobenzene

Concen: 48.030 ug/l

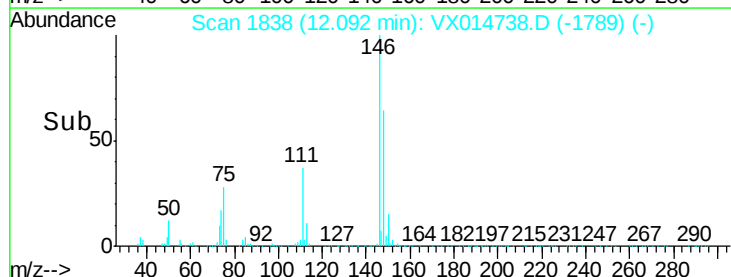
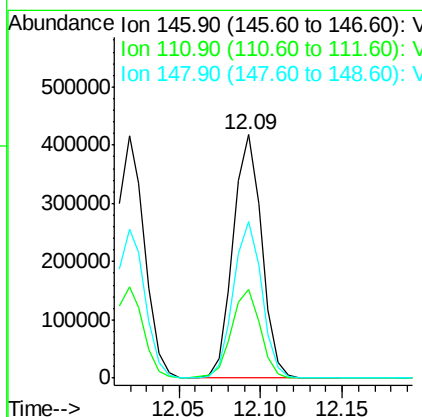
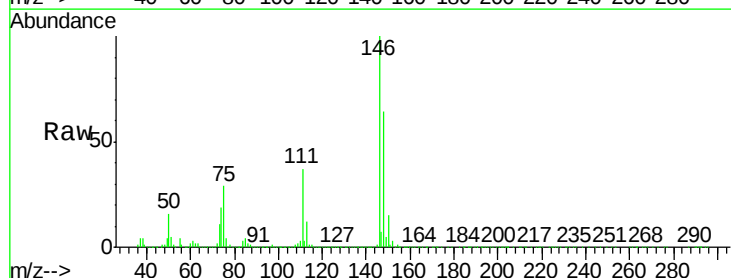
RT: 12.09 min Scan# 1838

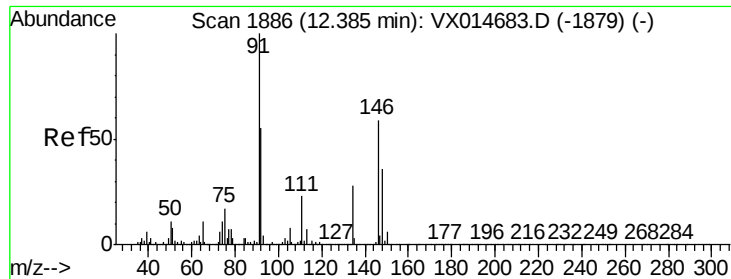
Delta R.T. 0.00 min

Lab File: VX014738.D

Acq: 27 Jan 2020 19:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.6	55.8
148	63.9	32.0	96.2





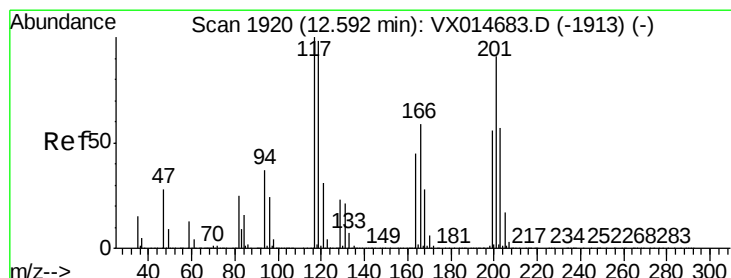
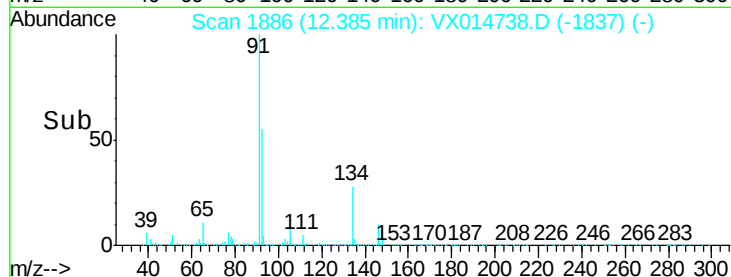
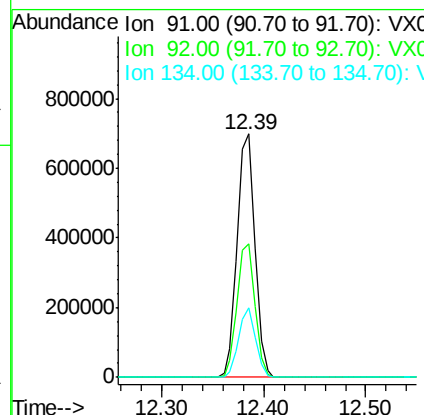
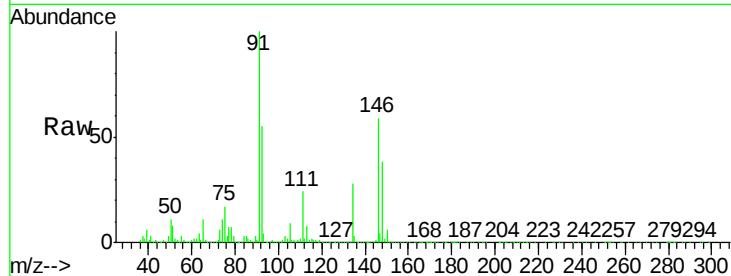
#89
n-Butylbenzene
Concen: 49.465 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014738.D
Acq: 27 Jan 2020 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.6	82.7
134	27.2	13.3	39.8

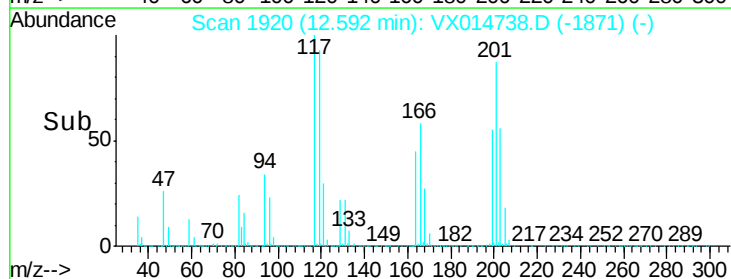
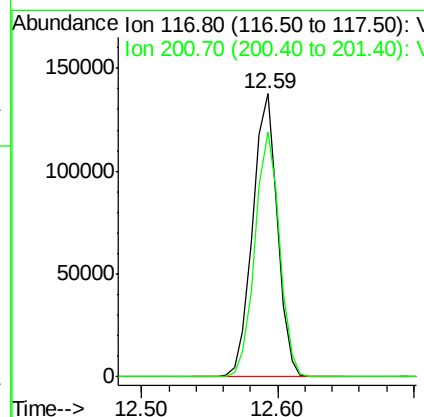
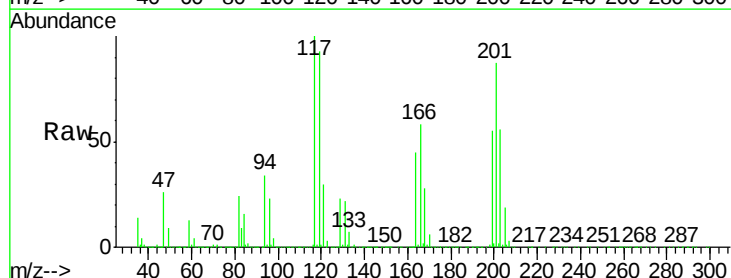
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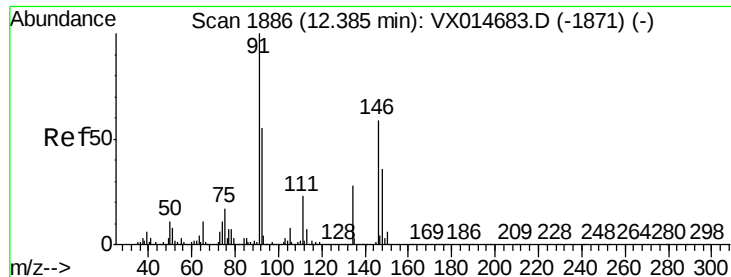
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#90
Hexachloroethane
Concen: 48.770 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014738.D
Acq: 27 Jan 2020 19:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.2	44.4	133.1





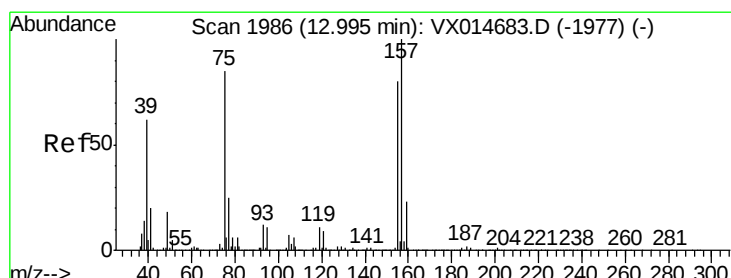
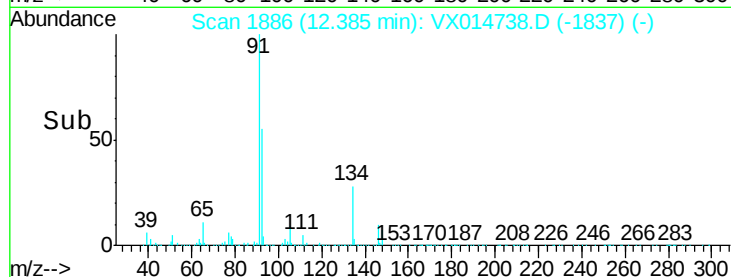
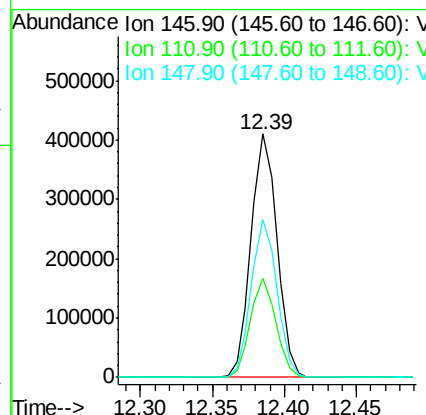
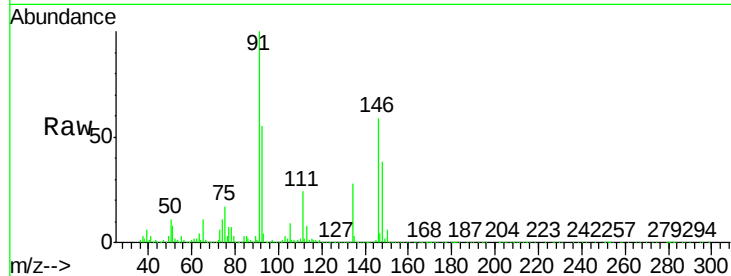
#91
 1,2-Dichlorobenzene
 Concen: 48.657 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014738.D
 Acq: 27 Jan 2020 19:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.6	58.8
148	64.1	31.9	95.9

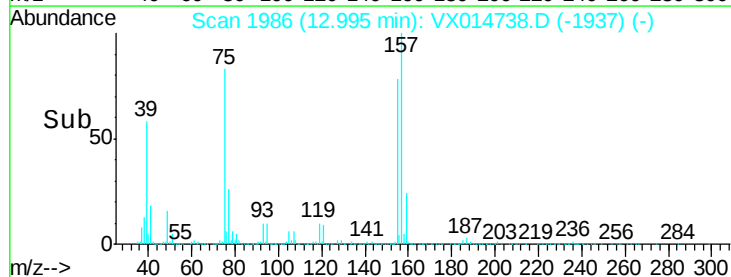
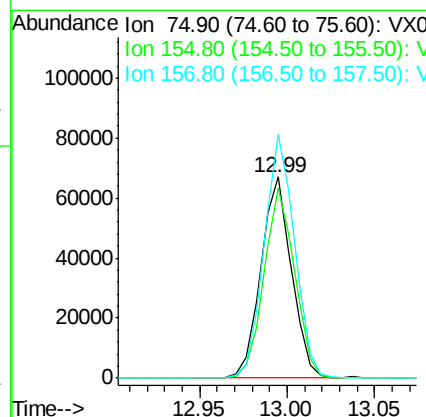
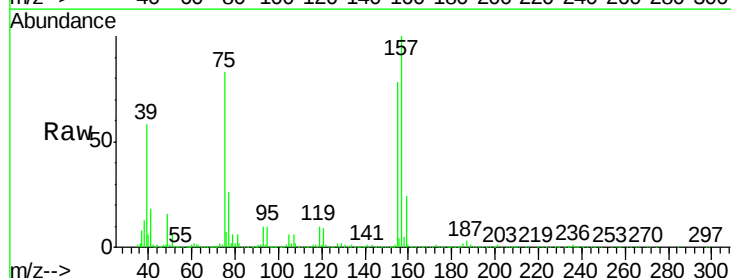
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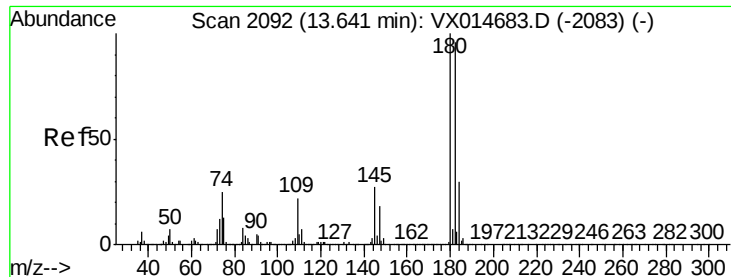
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.051 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014738.D
 Acq: 27 Jan 2020 19:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.6	45.6	136.9
157	121.1	60.3	180.9





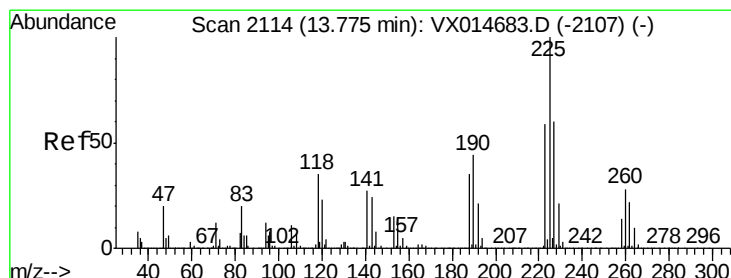
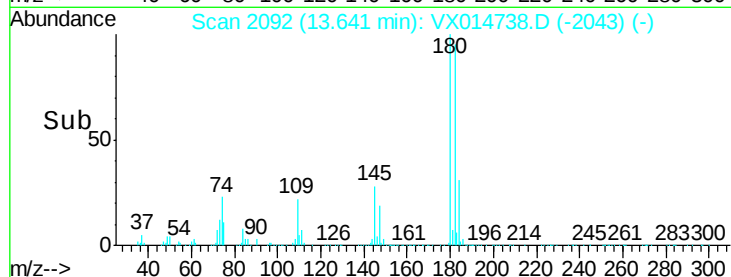
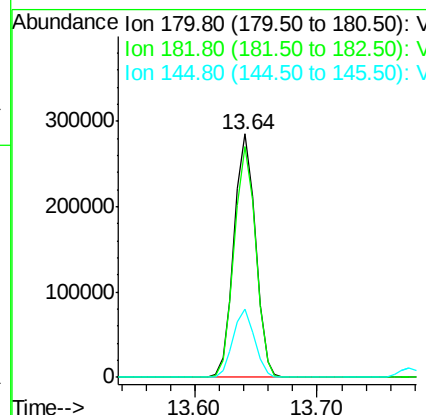
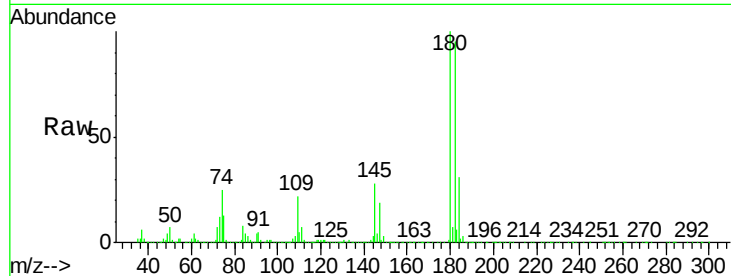
#93
1,2,4-Trichlorobenzene
Concen: 50.710 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014738.D
Acq: 27 Jan 2020 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	344122		
182	95.2	48.5	145.6	
145	28.2	14.0	41.9	

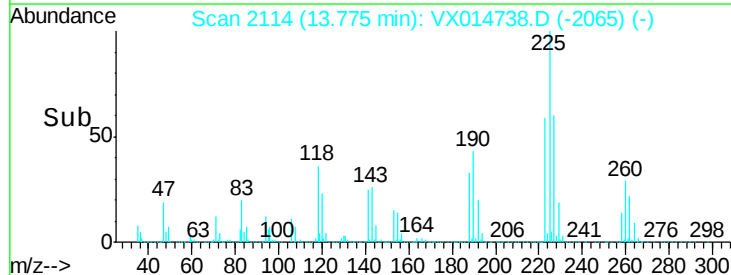
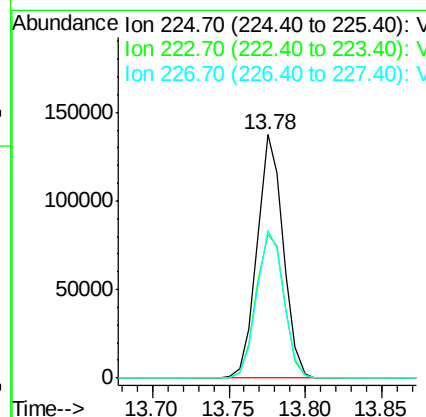
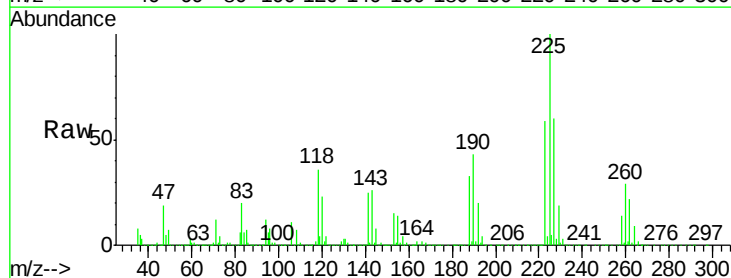
Manual Integrations
APPROVED

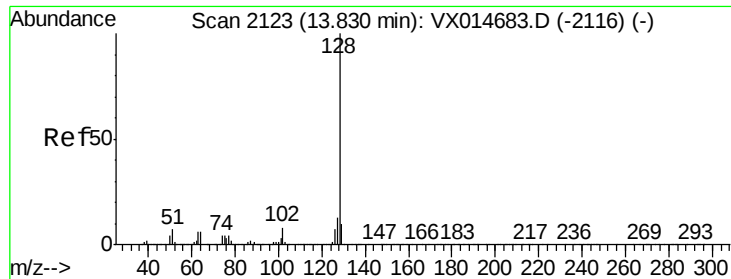
MMDadoda
1/28/2020 11:18:08 AM



#94
Hexachlorobutadiene
Concen: 46.722 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014738.D
Acq: 27 Jan 2020 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	163187		
223	63.6	30.6	91.8	
227	62.9	31.4	94.0	





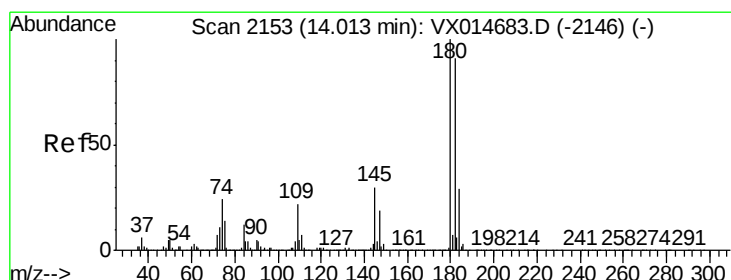
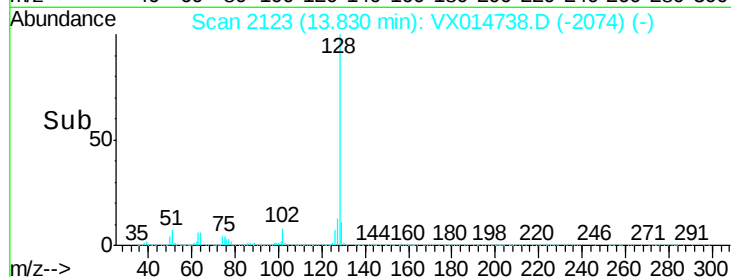
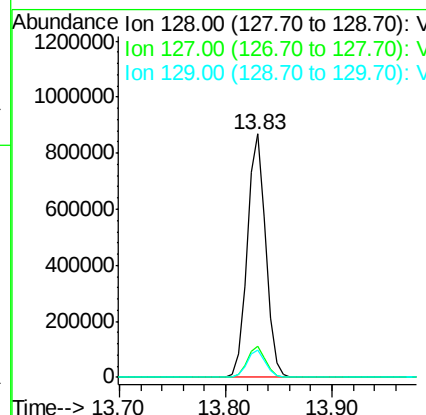
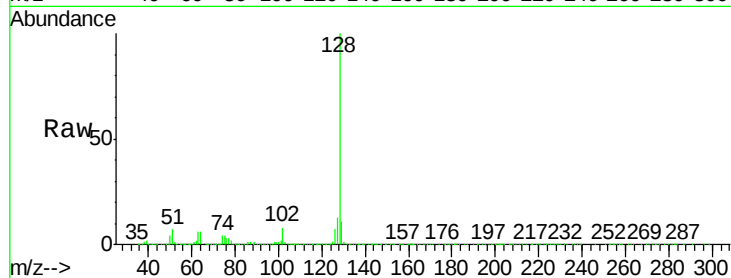
#95
Naphthalene
Concen: 48.062 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014738.D
Acq: 27 Jan 2020 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.0	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
1/28/2020 11:18:08 AM



#96
1,2,3-Trichlorobenzene
Concen: 51.570 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014738.D
Acq: 27 Jan 2020 19:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	46.6	139.7
145	29.2	14.7	44.1

