

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070618\
 Data File : VX003209.D
 Acq On : 06 Jul 2018 10:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/9/2018 12:56:51 PM

Quant Time: Jul 06 15:25:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	278836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	357246	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	346357	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	221730	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	155622	40.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.76%	
35) Dibromofluoromethane	5.51	113	133787	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
50) Toluene-d8	8.72	98	472099	45.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.40%	
62) 4-Bromofluorobenzene	11.14	95	188164	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	126371	50.765	ug/l	98
3) Chloromethane	1.32	50	128135	49.561	ug/l	98
4) Vinyl Chloride	1.40	62	145263	46.066	ug/l	99
5) Bromomethane	1.64	94	59442	39.829	ug/l	96
6) Chloroethane	1.71	64	89655	48.392	ug/l	97
7) Trichlorofluoromethane	1.92	101	233475	43.893	ug/l	99
8) Diethyl Ether	2.19	74	84813	43.860	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	140159	45.475	ug/l	98
10) Methyl Iodide	2.51	142	153983	49.356	ug/l	97
11) Tert butyl alcohol	3.08	59	164531	214.299	ug/l	100
12) 1,1-Dichloroethene	2.37	96	121251	44.092	ug/l	94
13) Acrolein	2.29	56	97911	230.368	ug/l	99
14) Allyl chloride	2.73	41	239111	44.110	ug/l	95
15) Acrylonitrile	3.15	53	367422	224.050	ug/l	99
16) Acetone	2.45	43	327110	204.945	ug/l	95
17) Carbon Disulfide	2.57	76	316526	43.200	ug/l	98
18) Methyl Acetate	2.78	43	181542	40.682	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	429624	43.457	ug/l	99
20) Methylene Chloride	2.86	84	140268	45.161	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	132066	44.093	ug/l	95
22) Diisopropyl ether	3.87	45	475109	45.852	ug/l	97
23) Vinyl Acetate	3.82	43	1990838	226.900	ug/l	98
24) 1,1-Dichloroethane	3.70	63	246638	43.793	ug/l	99
25) 2-Butanone	4.71	43	553378	233.617	ug/l	95
26) 2,2-Dichloropropane	4.58	77	220348	48.116	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	159585	47.521	ug/l	93
28) Bromochloromethane	5.02	49	114662	42.535	ug/l	89
29) Tetrahydrofuran	5.17	42	355560	234.073	ug/l	96
30) Chloroform	5.21	83	270504	46.802	ug/l	97
31) Cyclohexane	5.57	56	228794	47.337	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	239288	47.056	ug/l	99
36) 1,1-Dichloropropene	5.80	75	199718	50.979	ug/l	98
37) Ethyl Acetate	4.87	43	215299	51.041	ug/l	99
38) Carbon Tetrachloride	5.78	117	217610	50.617	ug/l	98

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Manual Integrations
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 7/9/2018 12:56:51 PM

Quant Time: Jul 06 15:25:27 2018
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 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	241673	52.960	ug/l	96
40) Benzene	6.15	78	583623	51.272	ug/l	99
41) Methacrylonitrile	5.07	41	122155	50.291	ug/l	96
42) 1,2-Dichloroethane	6.20	62	215825	46.937	ug/l	98
43) Isopropyl Acetate	6.47	43	346238	48.943	ug/l	97
44) Trichloroethene	7.21	130	176293	51.946	ug/l	96
45) 1,2-Dichloropropane	7.52	63	152037	50.352	ug/l	98
46) Dibromomethane	7.67	93	103965	49.613	ug/l	96
47) Bromodichloromethane	7.90	83	197029	50.861	ug/l	97
48) Methyl methacrylate	7.78	41	179217	49.166	ug/l	94
49) 1,4-Dioxane	7.76	88	74234	1046.751	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1128109	254.874	ug/l	97
52) Toluene	8.79	92	378518	51.907	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	237790	54.200	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	222570	52.724	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	155332	51.838	ug/l	98
56) Ethyl methacrylate	9.18	69	231317	52.820	ug/l	92
57) 1,3-Dichloropropane	9.37	76	252389	51.283	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	534653	253.058	ug/l	97
59) 2-Hexanone	9.50	43	865545	257.304	ug/l	95
60) Dibromochloromethane	9.59	129	169138	53.619	ug/l	99
61) 1,2-Dibromoethane	9.68	107	167824	53.395	ug/l	100
64) Tetrachloroethene	9.34	164	201501	52.320	ug/l	98
65) Chlorobenzene	10.14	112	450153	51.169	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	167620	52.450	ug/l	99
67) Ethyl Benzene	10.26	91	759565	52.266	ug/l	100
68) m/p-Xylenes	10.36	106	605098	108.036	ug/l	96
69) o-Xylene	10.70	106	287523	52.721	ug/l	97
70) Styrene	10.71	104	484183	54.638	ug/l	98
71) Bromoform	10.86	173	136931	47.623	ug/l	99
73) Isopropylbenzene	11.02	105	778828	52.213	ug/l	99
74) N-amyl acetate	6.47	43	346238	47.440	ug/l	# 97
75) 1,1,2,2-Tetrachloroethane	11.27	83	227051	49.414	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	204312m	50.870	ug/l	
77) Bromobenzene	11.26	156	215241	50.671	ug/l	96
78) n-propylbenzene	11.36	91	884508	52.094	ug/l	99
79) 2-Chlorotoluene	11.42	91	516811	50.276	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	653332	52.003	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	66801	48.374	ug/l	95
82) 4-Chlorotoluene	11.51	91	614363	50.485	ug/l	99
83) tert-Butylbenzene	11.77	119	646942	52.250	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	667927	51.312	ug/l	97
85) sec-Butylbenzene	11.95	105	782096	52.069	ug/l	99
86) p-Isopropyltoluene	12.07	119	720000	53.317	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	396757	51.140	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	404539	50.669	ug/l	98
89) n-Butylbenzene	12.39	91	613936	52.233	ug/l	98
90) Hexachloroethane	12.60	117	105986	52.766	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	394621	50.396	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50468	48.859	ug/l	91

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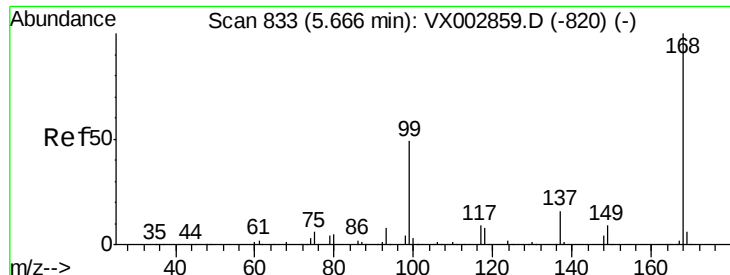
Manual Integrations
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QLast Update : Mon Jun 25 14:38:05 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	306105	53.714	ug/l	99
94) Hexachlorobutadiene	13.79	225	161066	56.667	ug/l	99
95) Naphthalene	13.84	128	817132	53.835	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	305727	53.710	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003209.D

Acq: 06 Jul 2018 10:59

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 278836

Ion Ratio Lower Upper

168 100

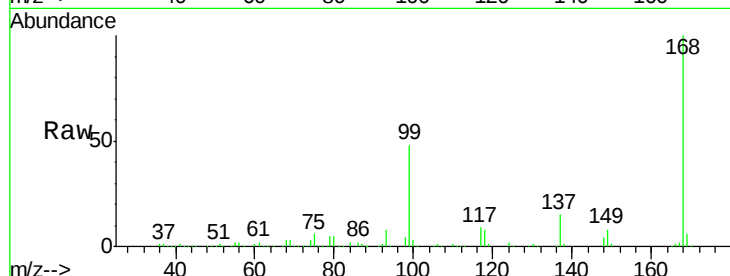
99 48.0 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

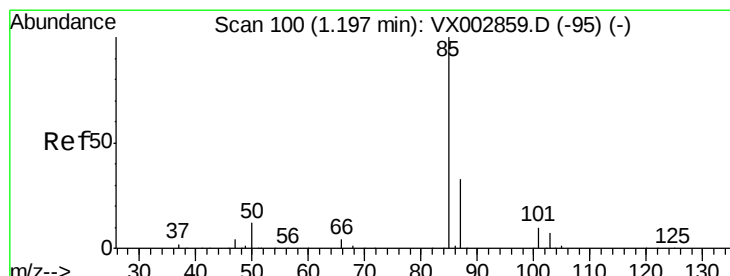
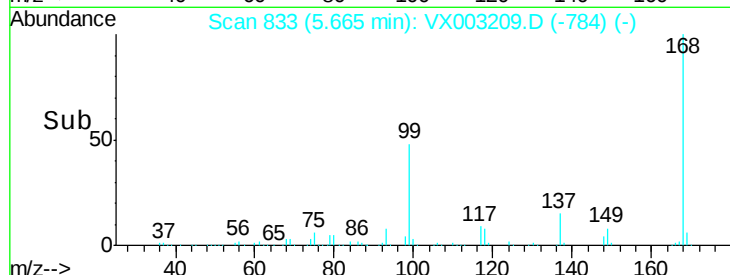
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.765 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003209.D

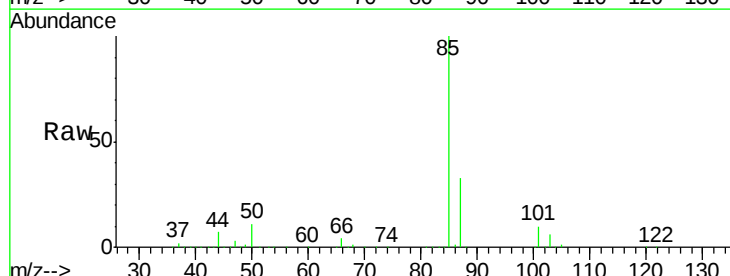
Acq: 06 Jul 2018 10:59

Tgt Ion: 85 Resp: 126371

Ion Ratio Lower Upper

85 100

87 33.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

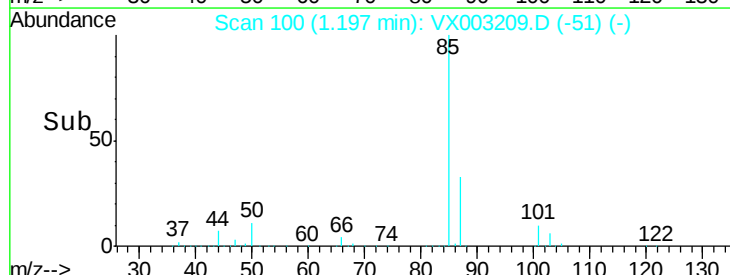
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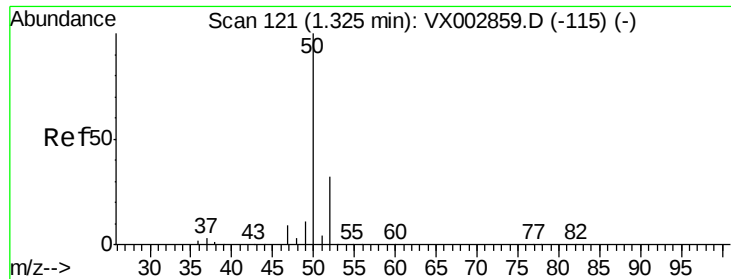
100000

50000

0

Time-->





#3

Chloromethane

Concen: 49.561 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003209.D

Acq: 06 Jul 2018 10:59

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 50 Resp: 128135

Ion Ratio Lower Upper

50 100

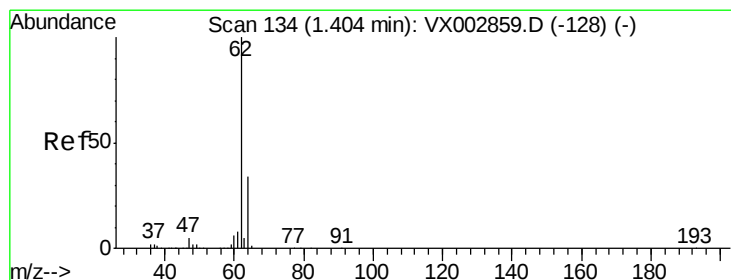
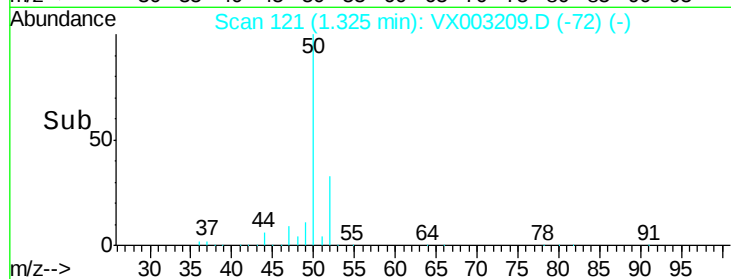
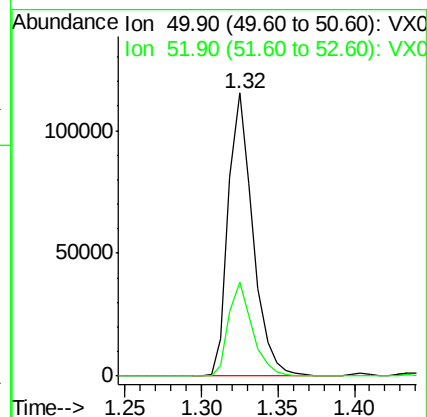
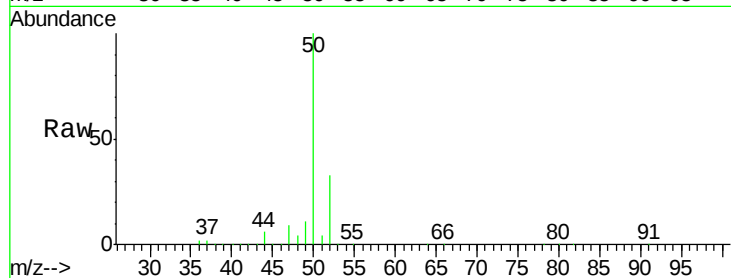
52 33.2 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.066 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003209.D

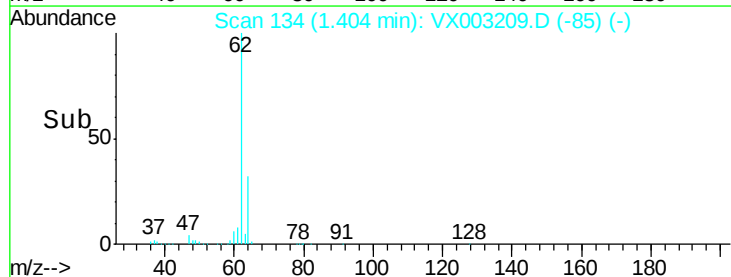
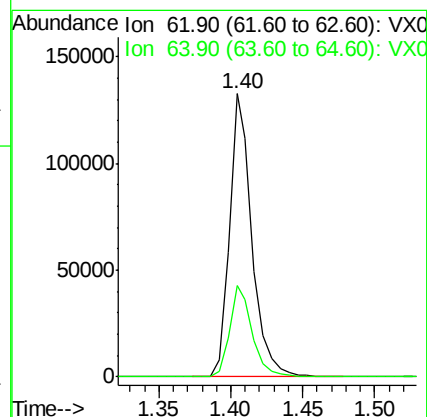
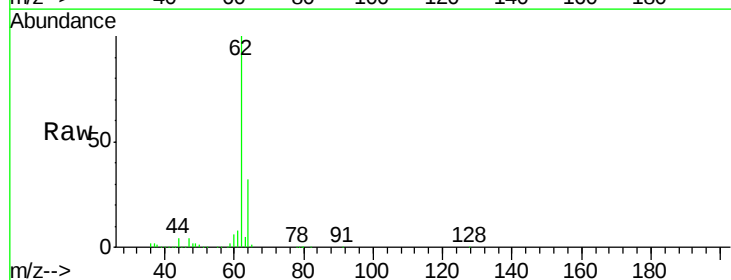
Acq: 06 Jul 2018 10:59

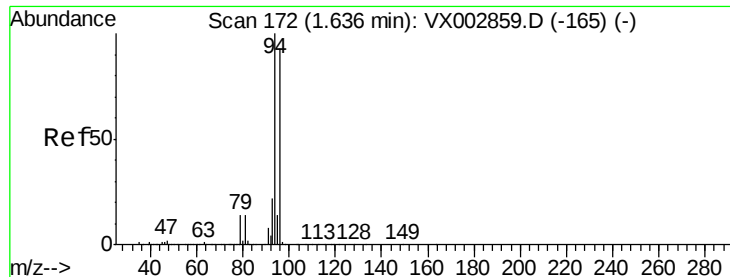
Tgt Ion: 62 Resp: 145263

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.2





#5

Bromomethane

Concen: 39.829 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003209.D

Acq: 06 Jul 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 59442

Ion Ratio Lower Upper

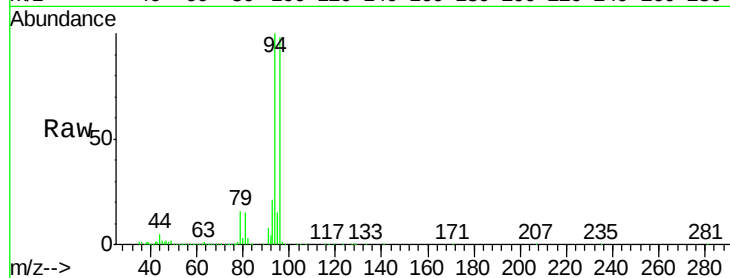
94 100

96 97.7 74.9 112.3

Manual Integrations
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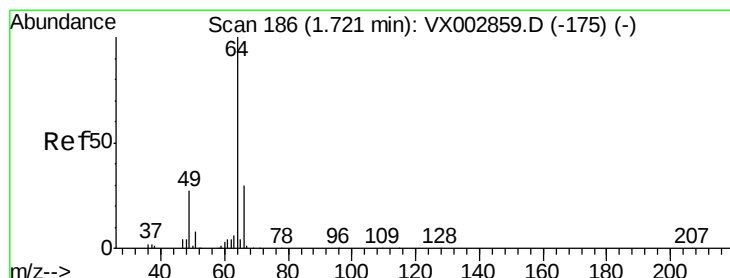
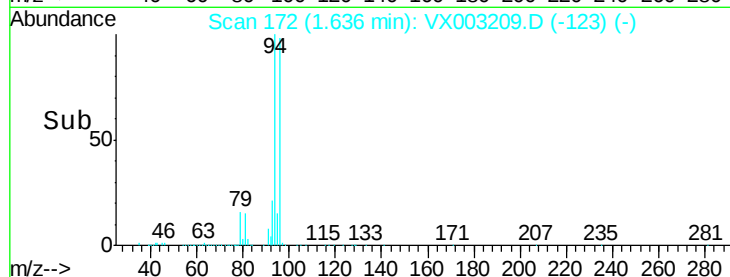
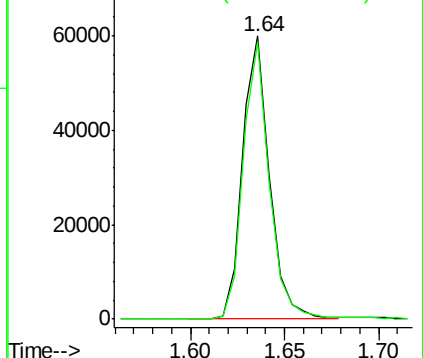
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.392 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX003209.D

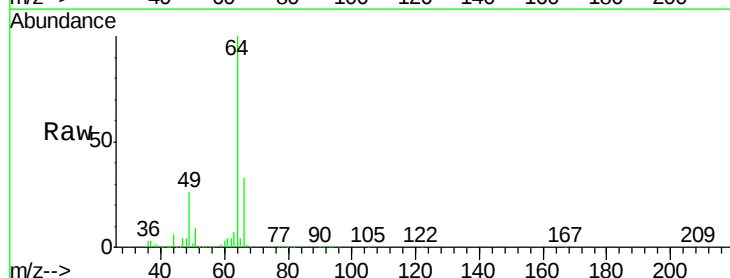
Acq: 06 Jul 2018 10:59

Tgt Ion: 64 Resp: 89655

Ion Ratio Lower Upper

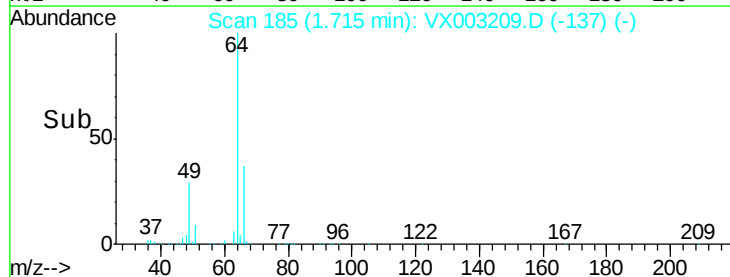
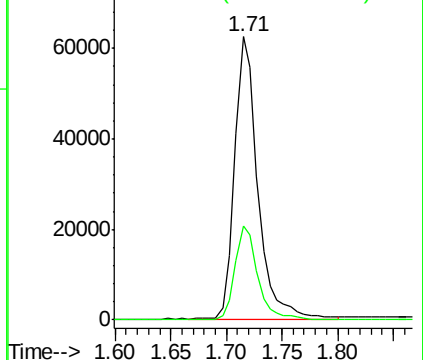
64 100

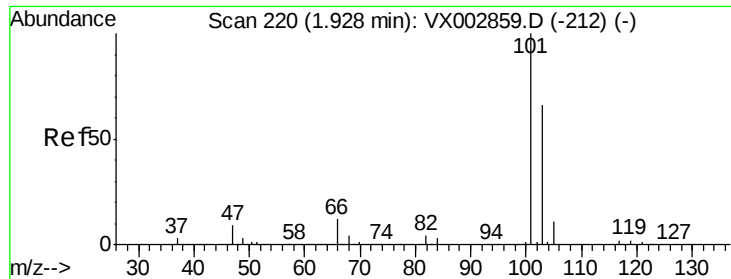
66 33.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

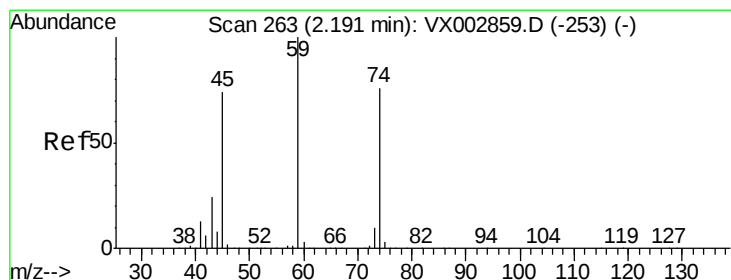
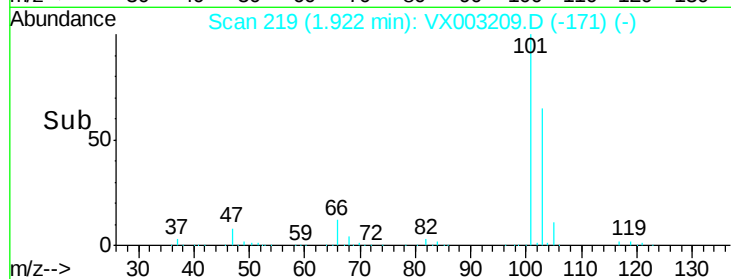
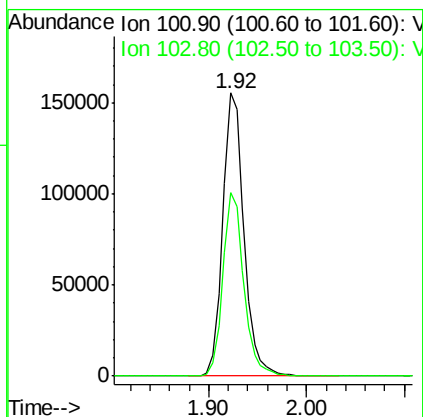
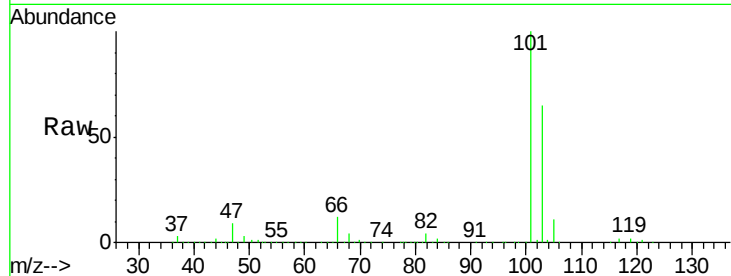
Trichlorofluoromethane
Concen: 43.893 ug/l
RT: 1.92 min Scan# 219
Delta R.T. -0.01 min
Lab File: VX003209.D
Acq: 06 Jul 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	52.8	79.2

Manual Integrations
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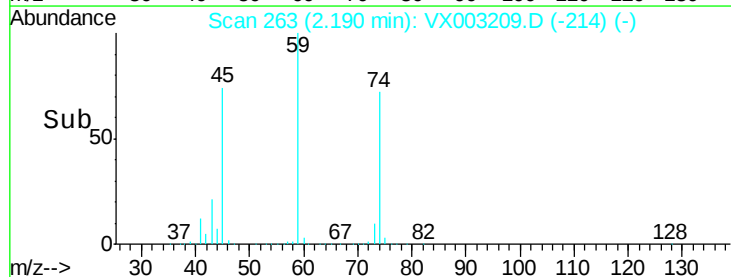
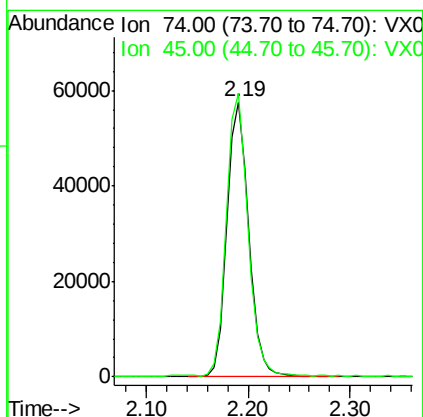
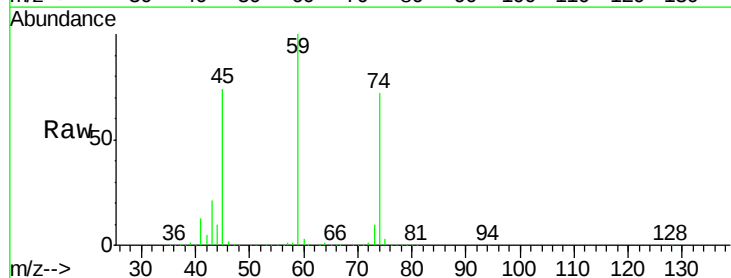
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#8

Diethyl Ether
Concen: 43.860 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX003209.D
Acq: 06 Jul 2018 10:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.5	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.475 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX003209.D

Acq: 06 Jul 2018 10:59

Instrument :

MSVOA_X

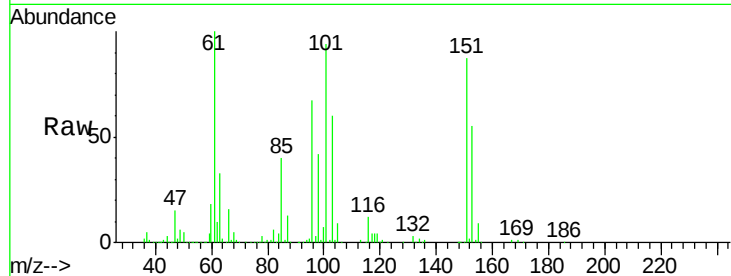
ClientSampleId :

VSTDCCC050

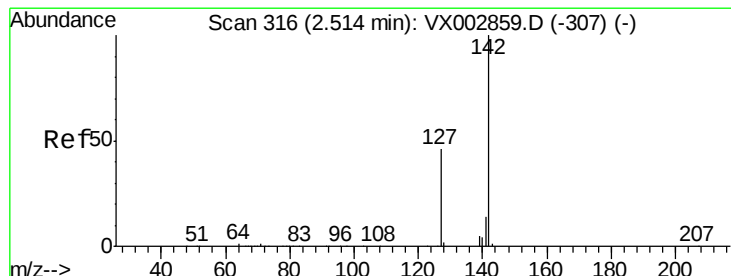
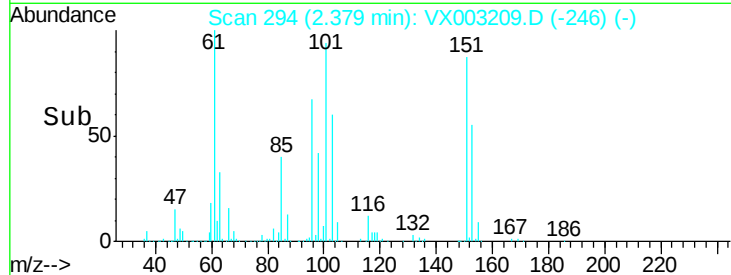
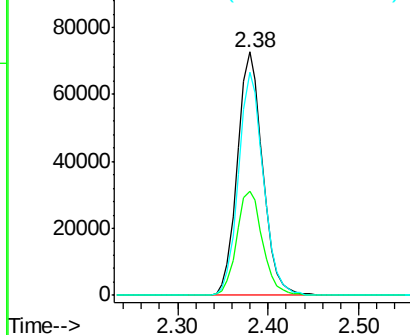
Tot Ion:	101	Resp:	140159
Ion Ratio	Lower	Upper	
101	100		
85	43.9	36.0	54.0
151	90.4	70.9	106.3

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



#10

Methyl Iodide

Concen: 49.356 ug/l

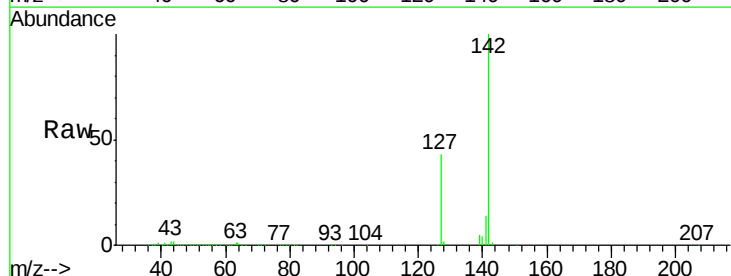
RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

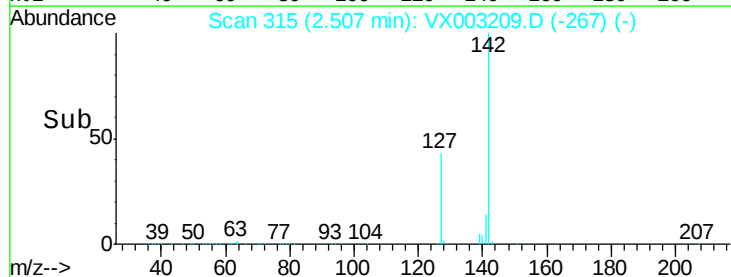
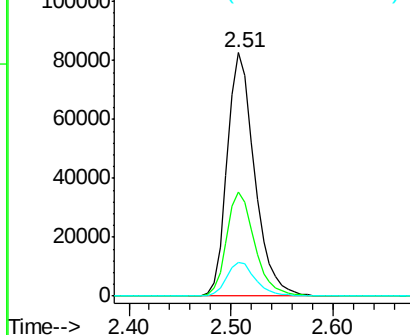
Lab File: VX003209.D

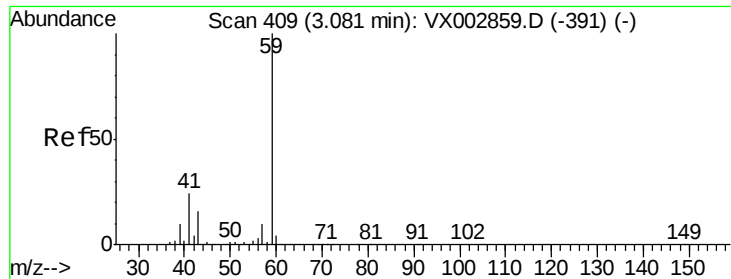
Acq: 06 Jul 2018 10:59

Tgt Ion:	142	Resp:	153983
Ion Ratio	Lower	Upper	
142	100		
127	43.6	36.6	55.0
141	14.6	11.3	16.9



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





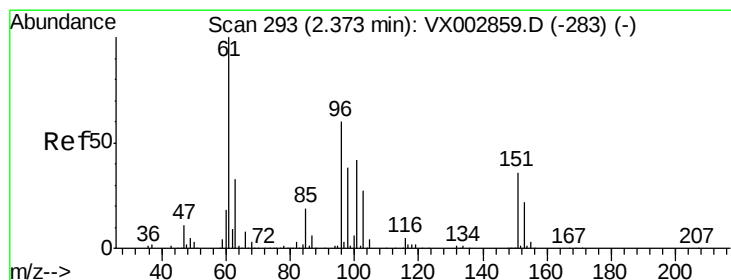
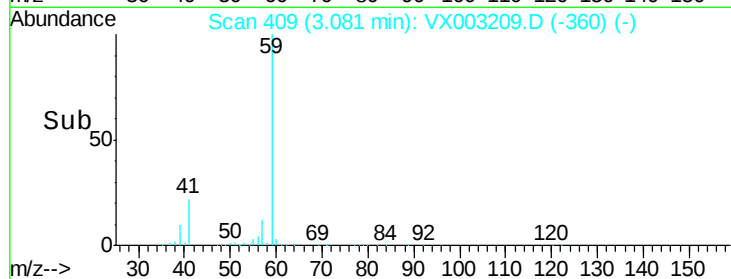
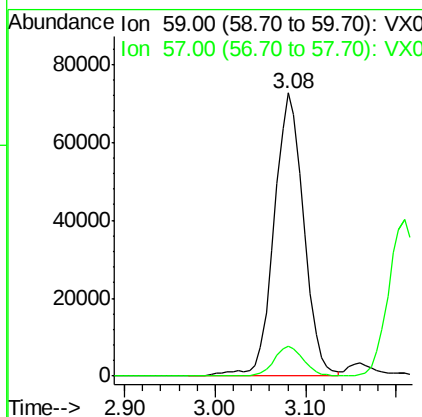
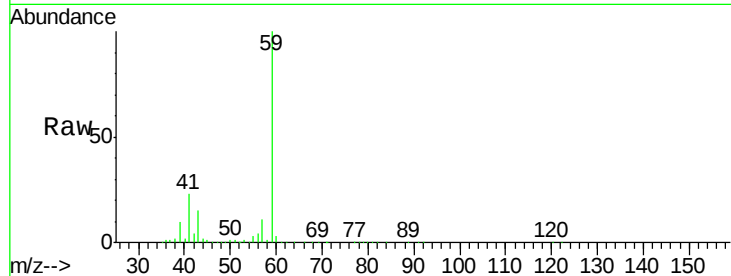
#11
Tert butyl alcohol
Concen: 214.299 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX003209.D
Acq: 06 Jul 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.2

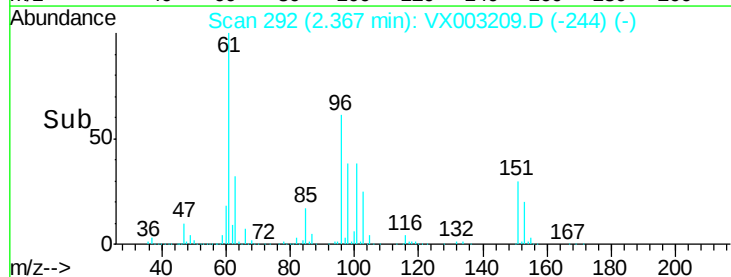
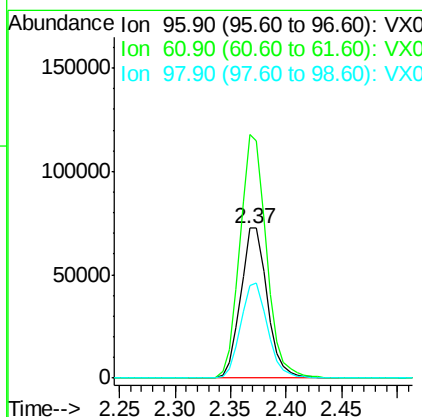
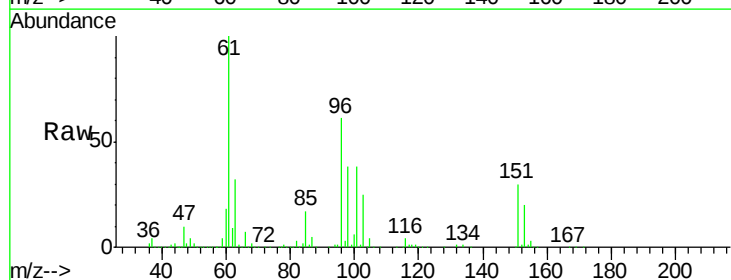
Manual Integrations
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#12
1,1-Dichloroethene
Concen: 44.092 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.01 min
Lab File: VX003209.D
Acq: 06 Jul 2018 10:59

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.8	137.9	206.9
98	61.8	51.6	77.4





#13

Acrolein

Concen: 230.368 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003209.D

Acq: 06 Jul 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 97911

Ion Ratio Lower Upper

56 100

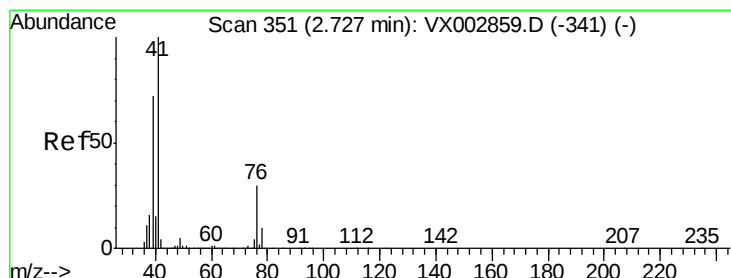
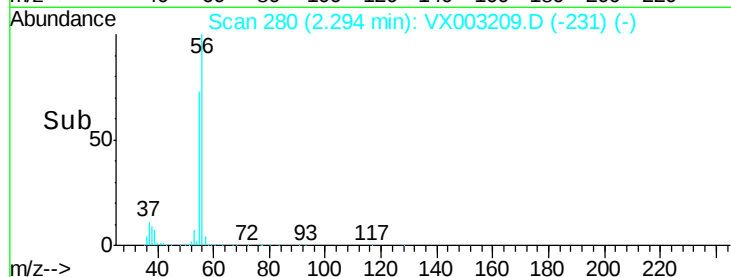
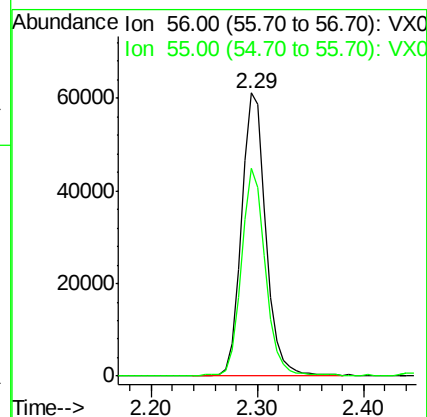
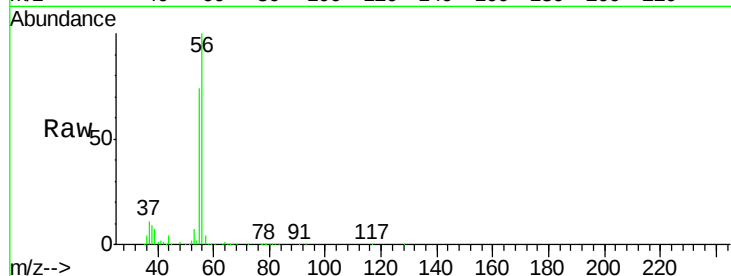
55 72.3 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 44.110 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003209.D

Acq: 06 Jul 2018 10:59

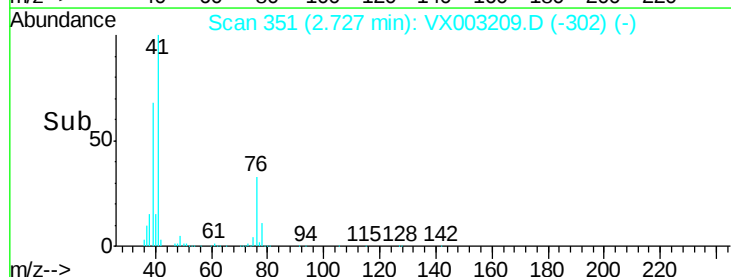
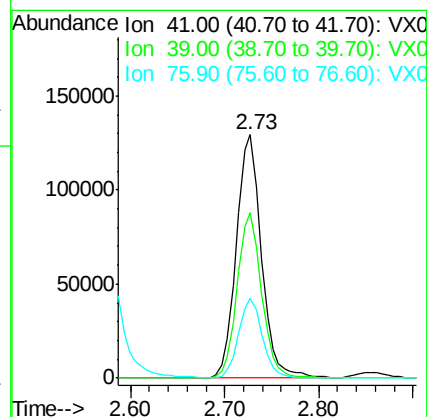
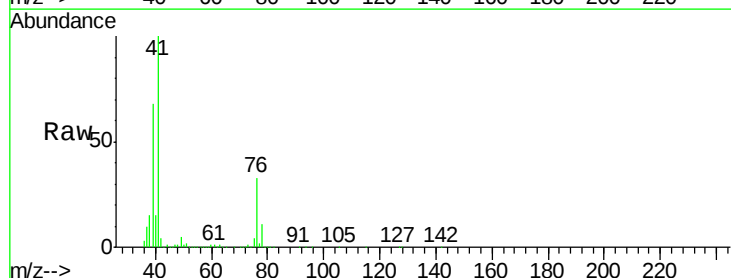
Tgt Ion: 41 Resp: 239111

Ion Ratio Lower Upper

41 100

39 66.0 56.8 85.2

76 31.3 23.8 35.8





#15

Acrylonitrile

Concen: 224.050 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003209.D

Acq: 06 Jul 2018 10:59

Instrument :

MSVOA_X

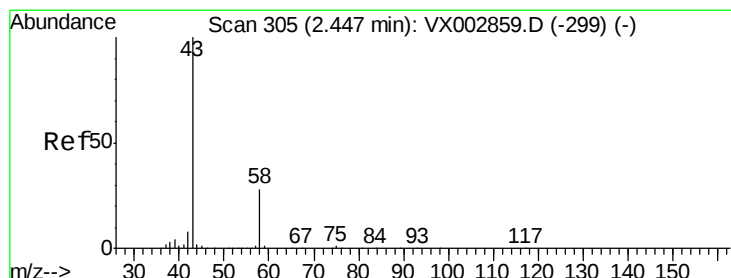
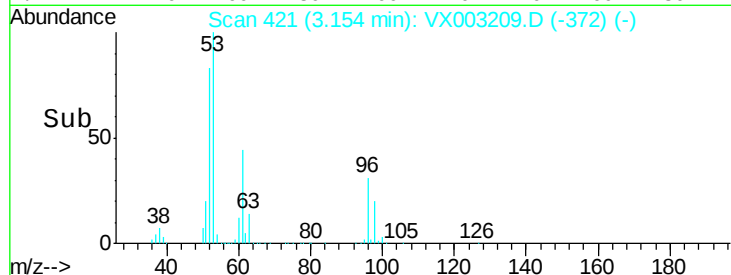
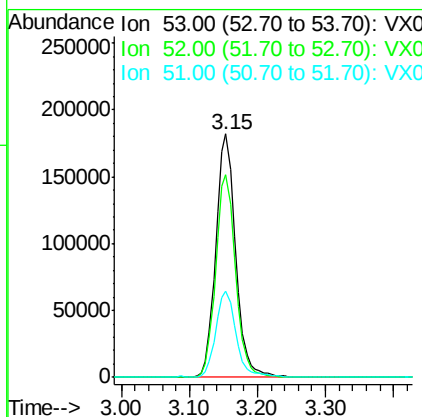
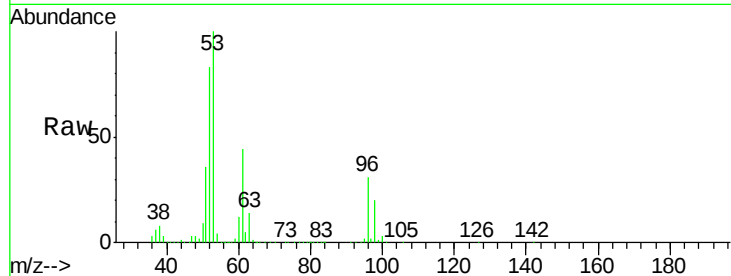
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	367422
Ion Ratio	Lower	Upper	
53	100		
52	83.1	66.7	100.1
51	36.4	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 204.945 ug/l

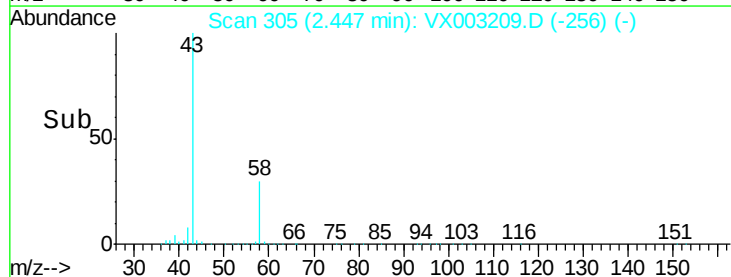
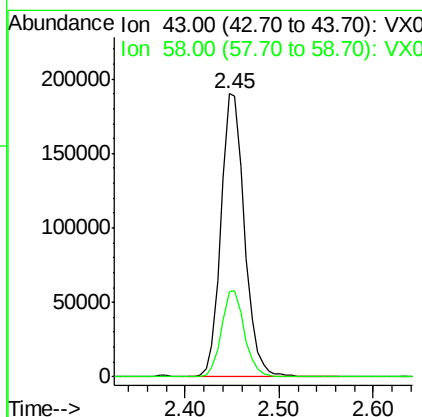
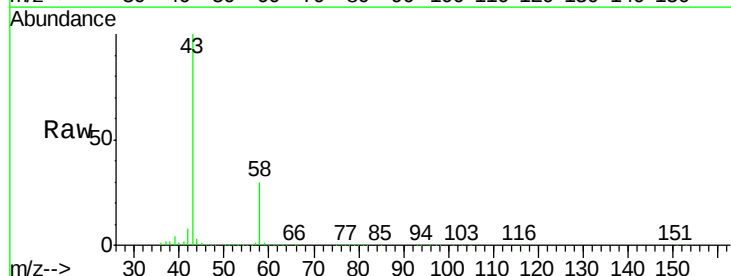
RT: 2.45 min Scan# 305

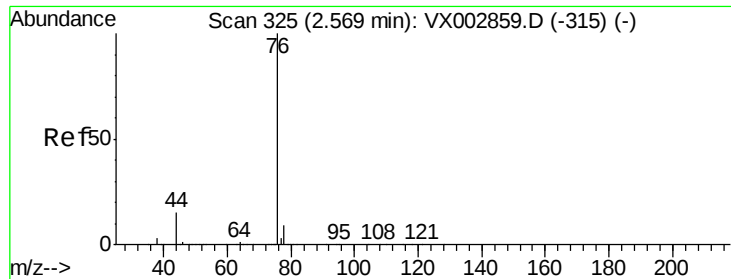
Delta R.T. -0.00 min

Lab File: VX003209.D

Acq: 06 Jul 2018 10:59

Tgt Ion:	43	Resp:	327110
Ion Ratio	Lower	Upper	
43	100		
58	30.2	22.1	33.1





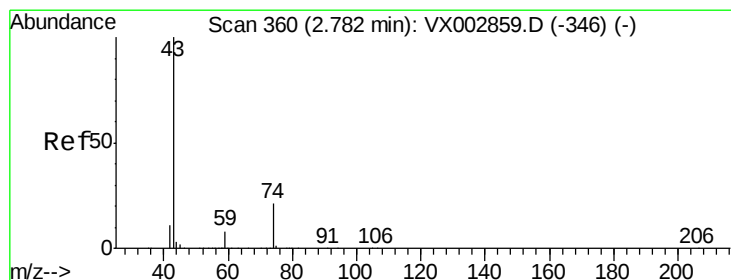
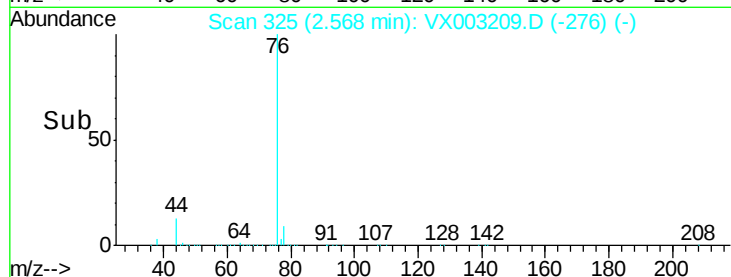
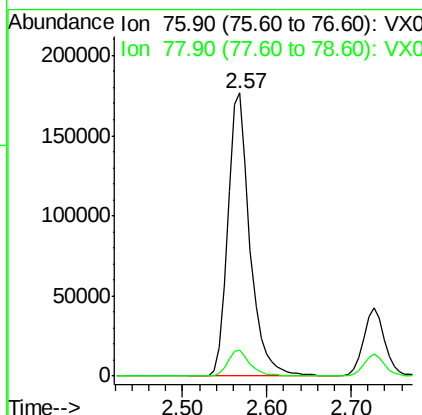
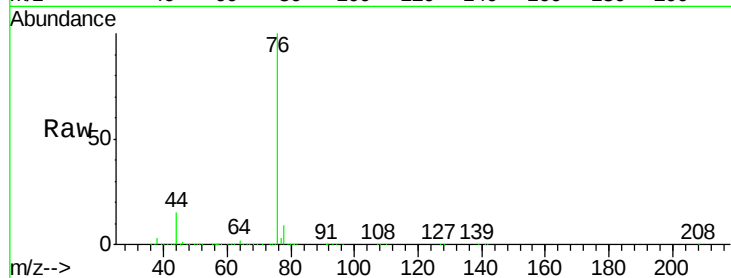
#17
Carbon Disulfide
Concen: 43.200 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003209.D
Acq: 06 Jul 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	6.9	10.3

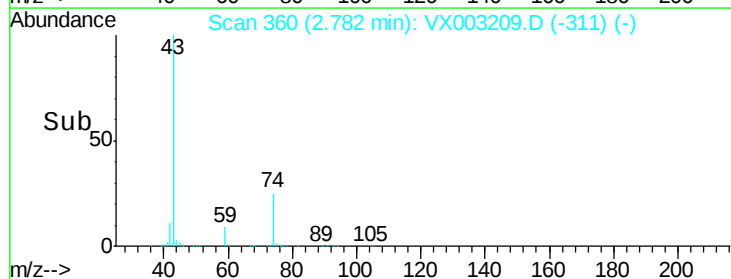
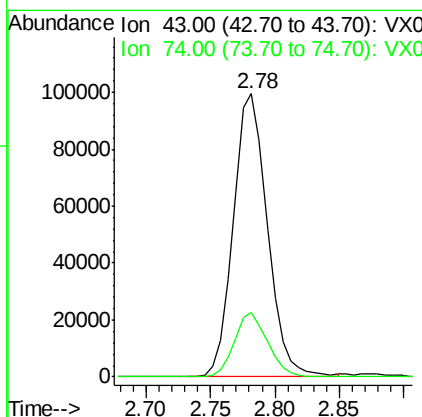
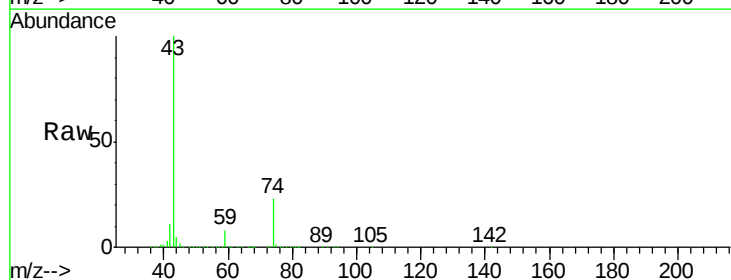
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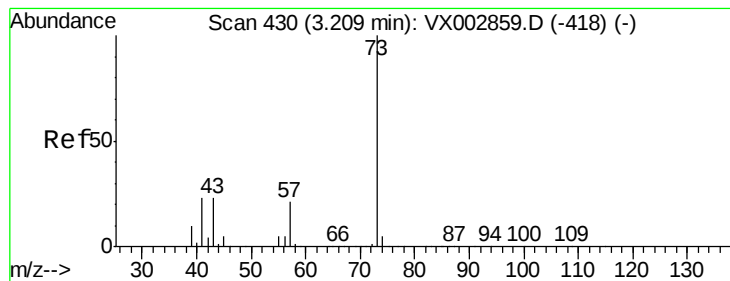
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#18
Methyl Acetate
Concen: 40.682 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003209.D
Acq: 06 Jul 2018 10:59

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.9	16.7	25.1





#19

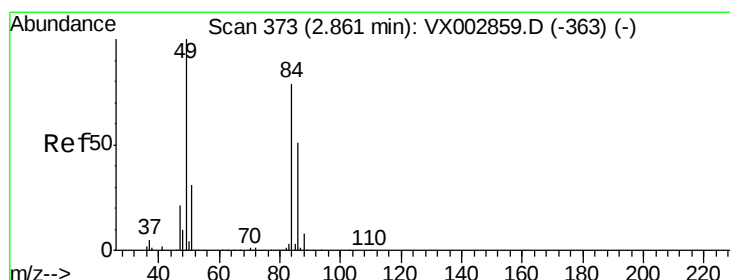
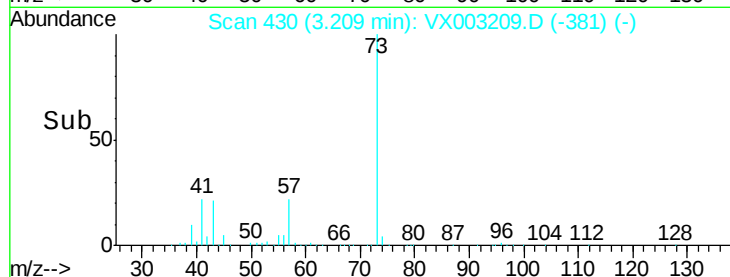
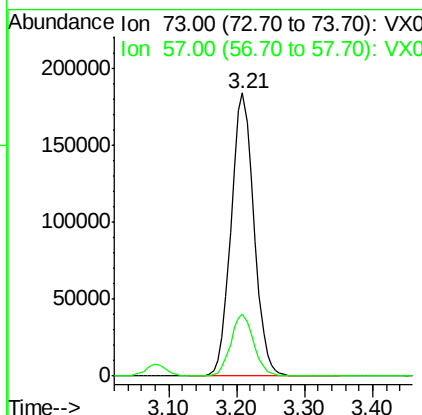
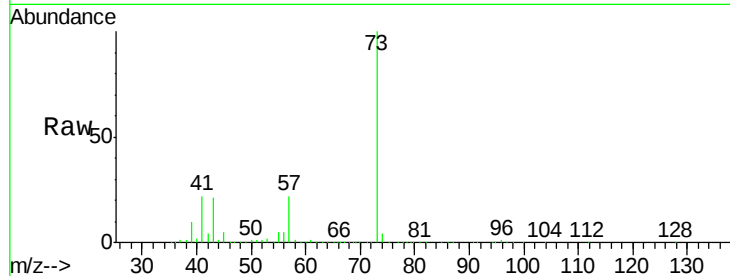
Methyl tert-butyl Ether
 Concen: 43.457 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: VX003209.D
 Acq: 06 Jul 2018 10:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	73	Resp	429624
Ion Ratio	Lower	Upper	
73	100		
57	21.8	17.7	26.5

Manual Integrations
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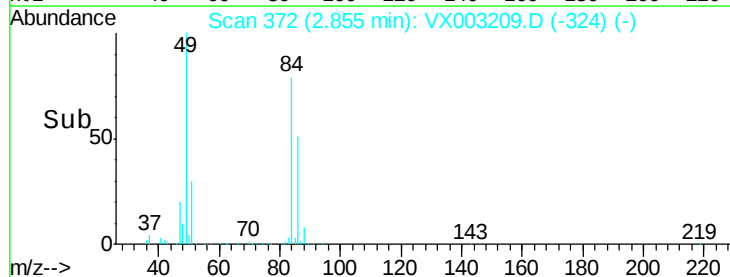
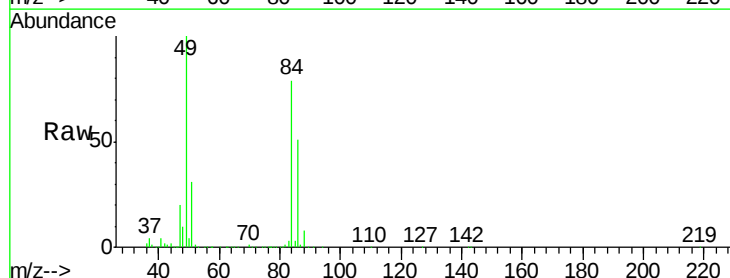
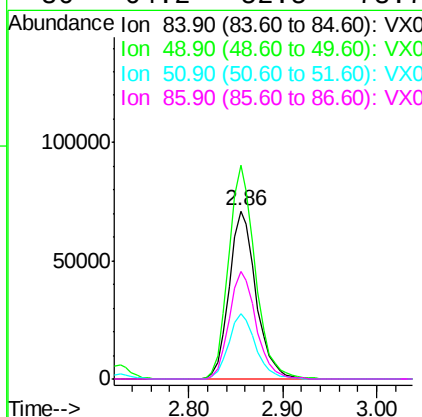
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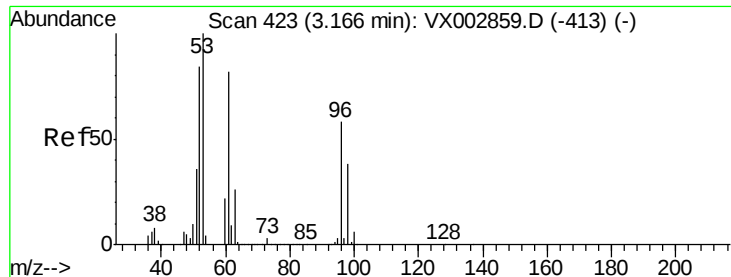


#20

Methylene Chloride
 Concen: 45.161 ug/l
 RT: 2.86 min Scan# 372
 Delta R.T. -0.01 min
 Lab File: VX003209.D
 Acq: 06 Jul 2018 10:59

Tgt Ion	84	Resp	140268
Ion Ratio	Lower	Upper	
84	100		
49	126.9	107.8	161.6
51	38.7	32.8	49.2
86	64.2	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 44.093 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003209.D

Acq: 06 Jul 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 132066

Ion Ratio Lower Upper

96 100

61 137.3 117.0 175.4

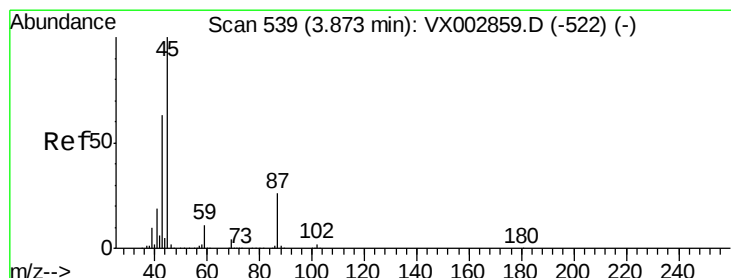
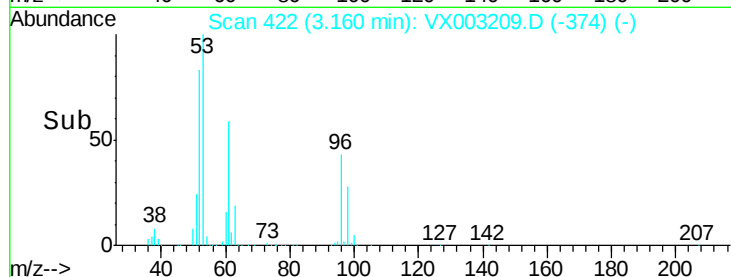
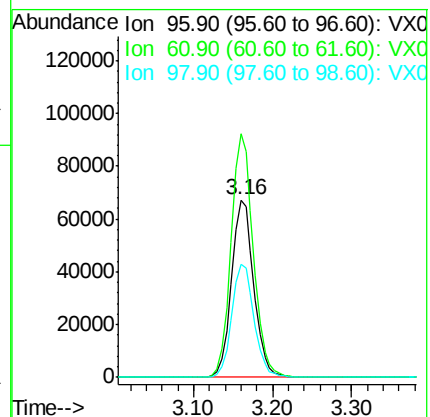
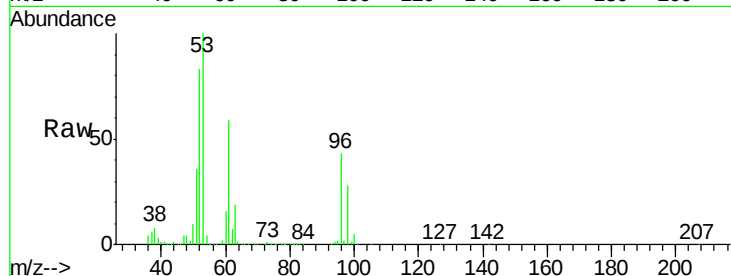
98 64.2 52.4 78.6

Manual Integrations

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#22

Diisopropyl ether

Concen: 45.852 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX003209.D

Acq: 06 Jul 2018 10:59

Tgt Ion: 45 Resp: 475109

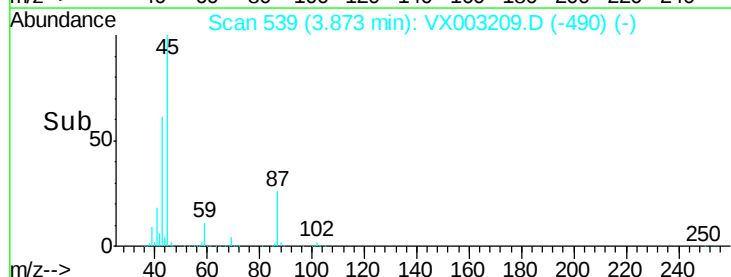
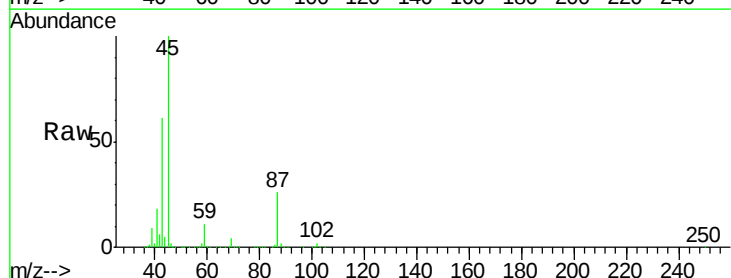
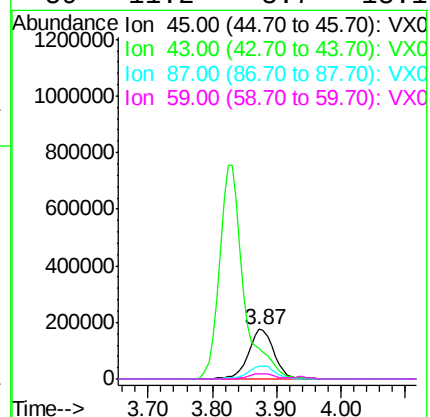
Ion Ratio Lower Upper

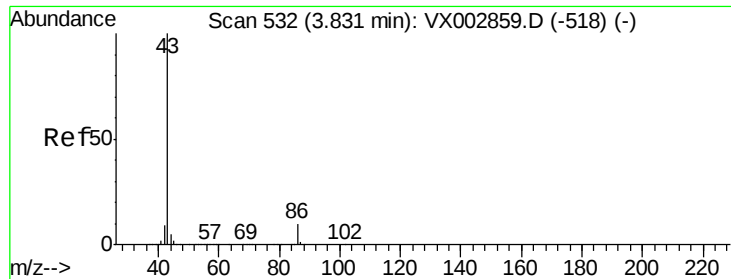
45 100

43 61.1 46.8 70.2

87 26.4 20.2 30.4

59 11.2 8.7 13.1





#23

Vinyl Acetate

Concen: 226.900 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX003209.D

Acq: 06 Jul 2018 10:59

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 1990838

Ion Ratio Lower Upper

43 100

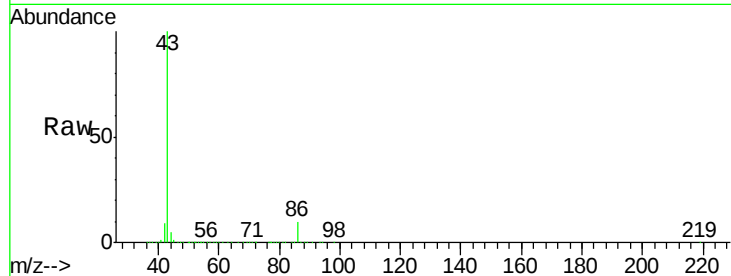
86 9.9 7.4 11.0

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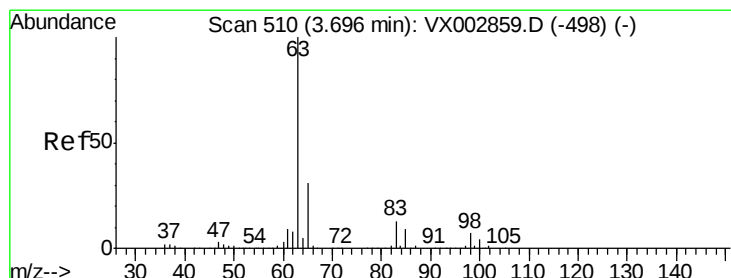
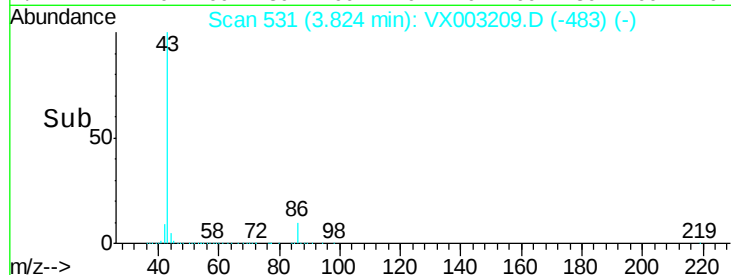
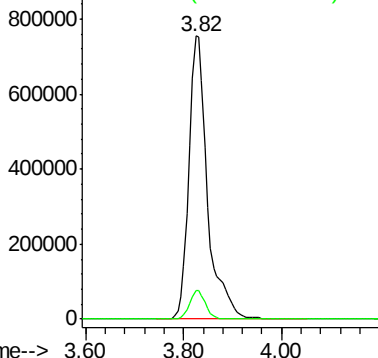
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 43.793 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003209.D

Acq: 06 Jul 2018 10:59

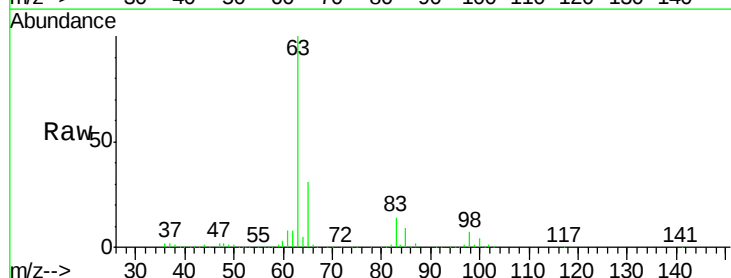
Tgt Ion: 63 Resp: 246638

Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.2

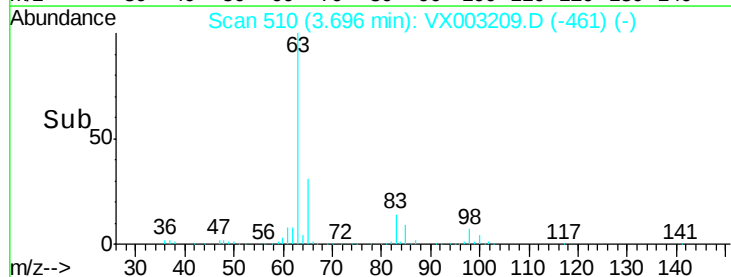
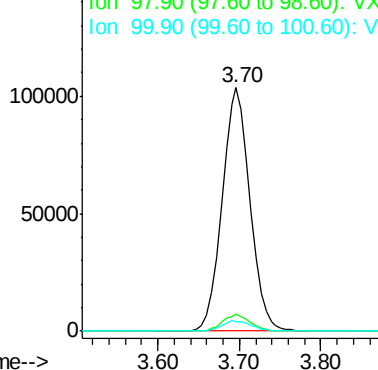
100 3.8 2.0 6.0

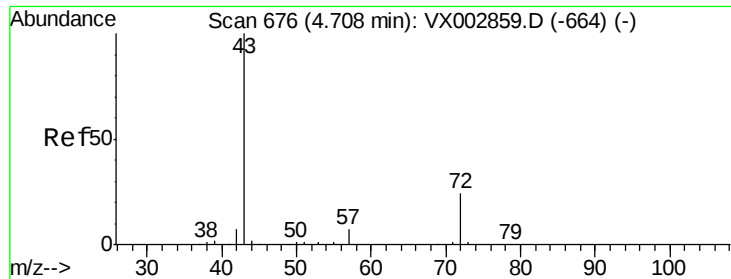


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 233.617 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003209.D

Acq: 06 Jul 2018 10:59

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 553378

Ion Ratio Lower Upper

43 100

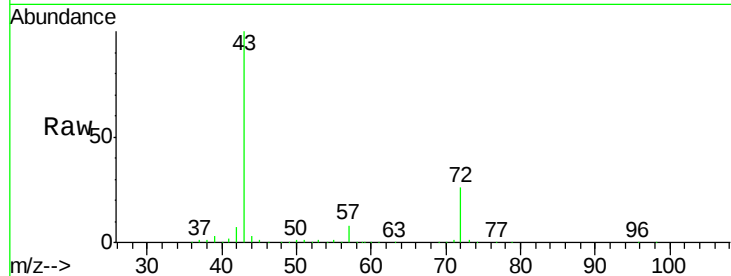
72 25.6 18.5 27.7

Manual Integrations

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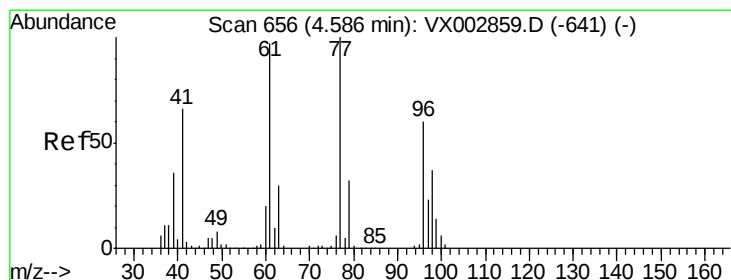
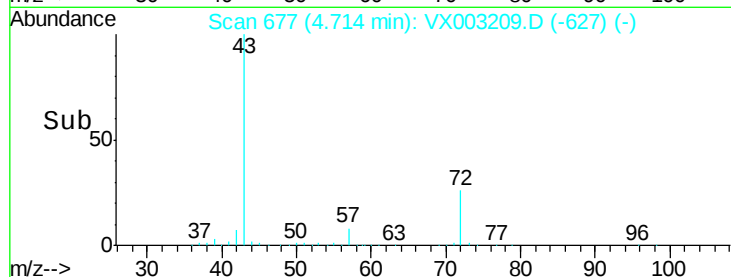
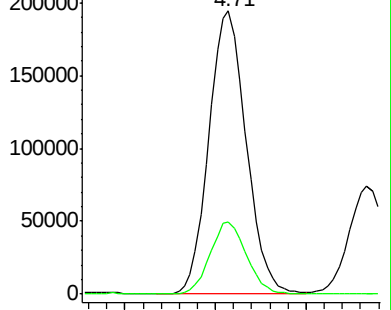
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 48.116 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX003209.D

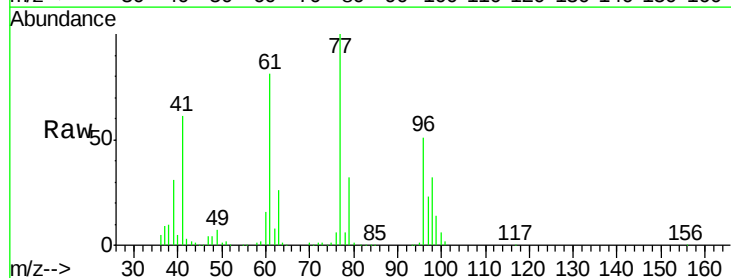
Acq: 06 Jul 2018 10:59

Tgt Ion: 77 Resp: 220348

Ion Ratio Lower Upper

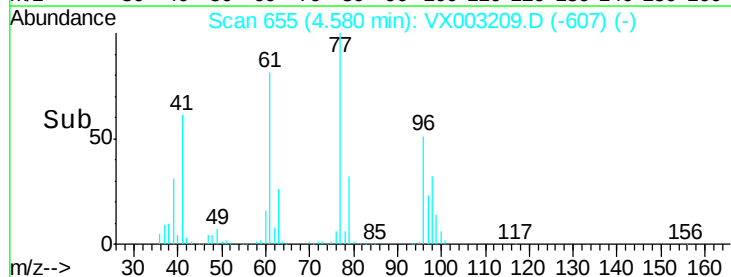
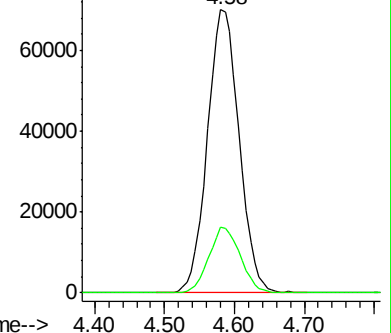
77 100

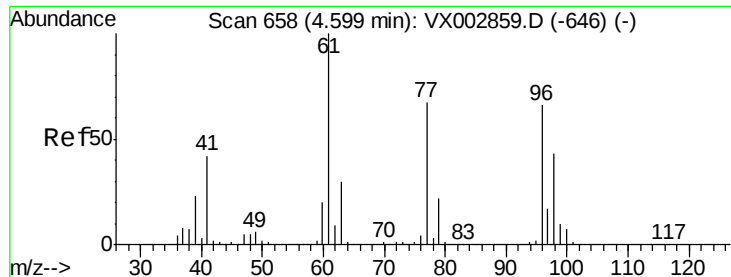
97 23.1 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

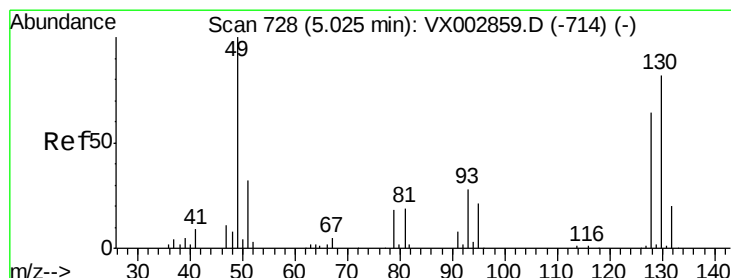
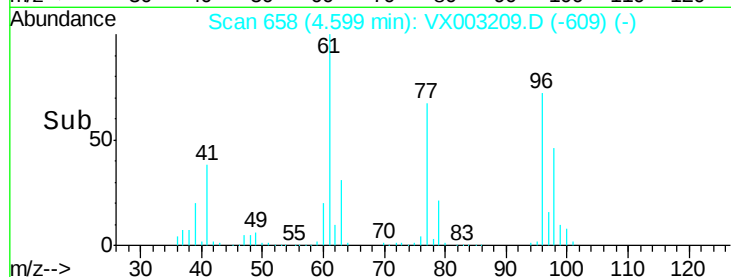
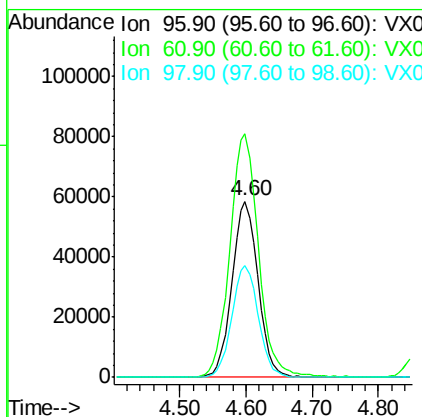
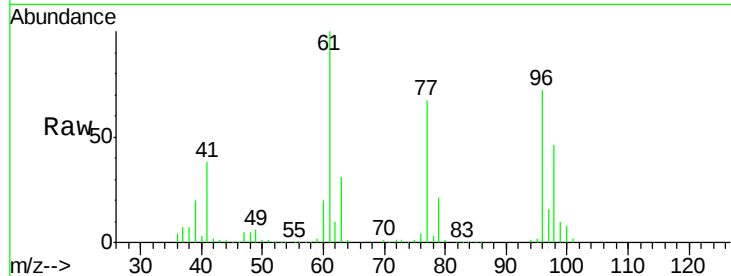
cis-1,2-Dichloroethene
Concen: 47.521 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.00 min
Lab File: VX003209.D
Acq: 06 Jul 2018 10:59

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	159585		
61	152.1	0.0	330.2	
98	64.5	0.0	130.2	

Manual Integrations
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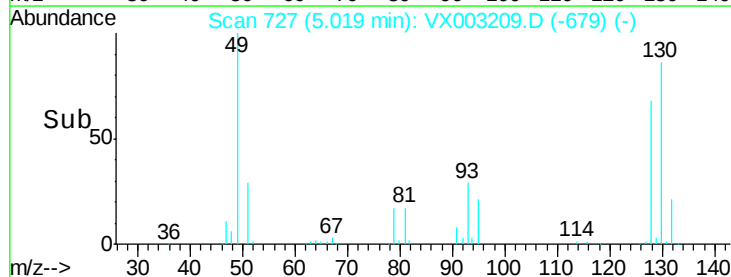
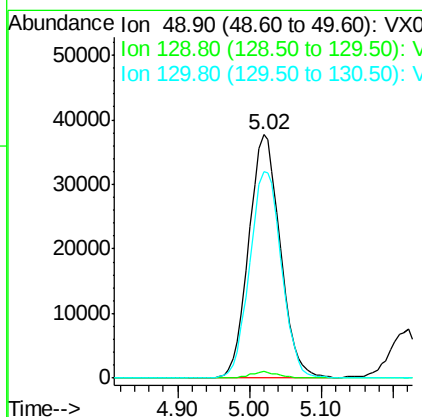
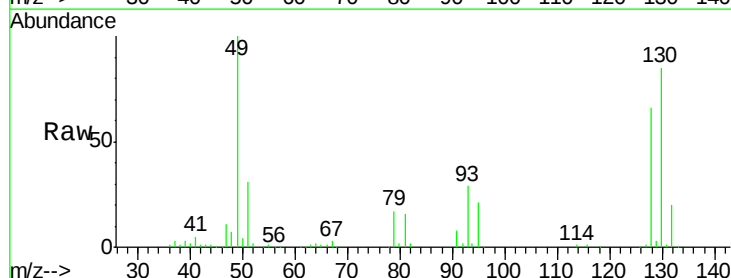
MMDadoda
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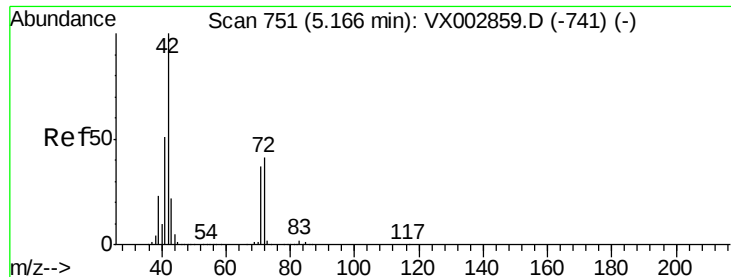


#28

Bromochloromethane
Concen: 42.535 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX003209.D
Acq: 06 Jul 2018 10:59

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	114662		
129	2.4	0.0	4.2	
130	85.8	61.2	91.8	





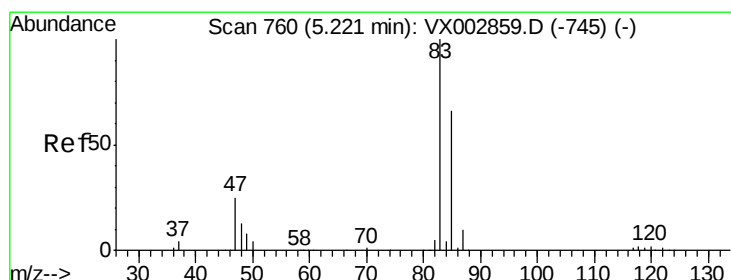
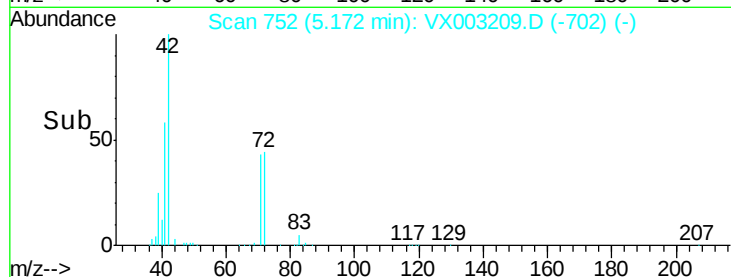
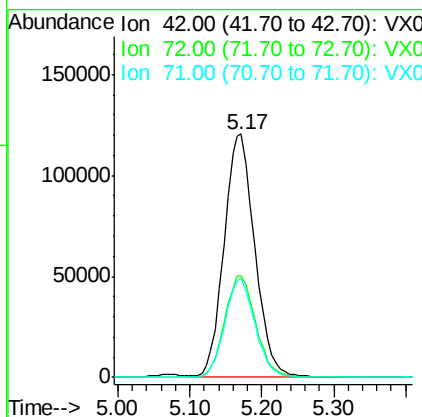
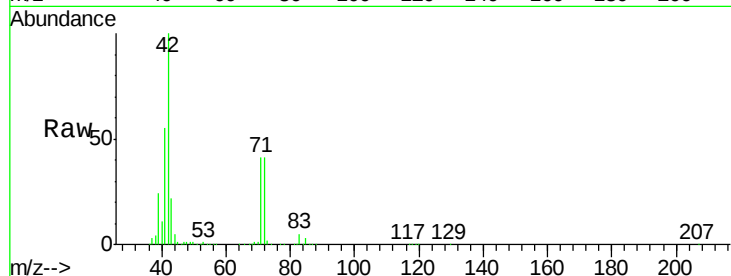
#29
Tetrahydrofuran
Concen: 234.073 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003209.D
Acq: 06 Jul 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.6	32.0	48.0
71	39.9	30.1	45.1

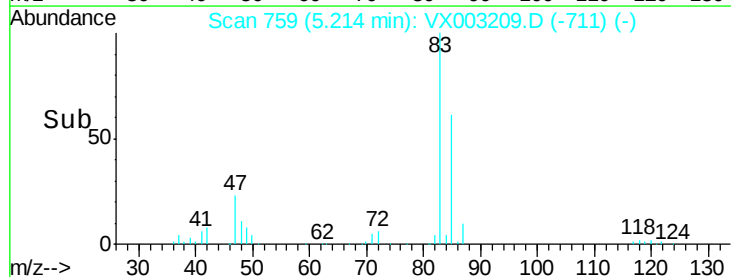
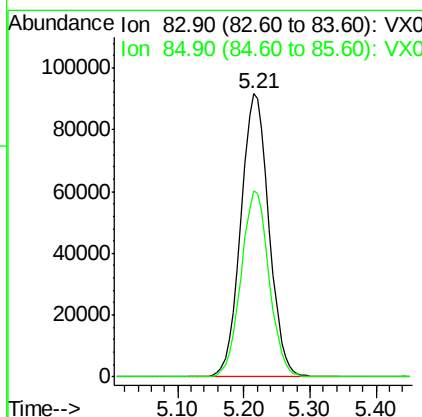
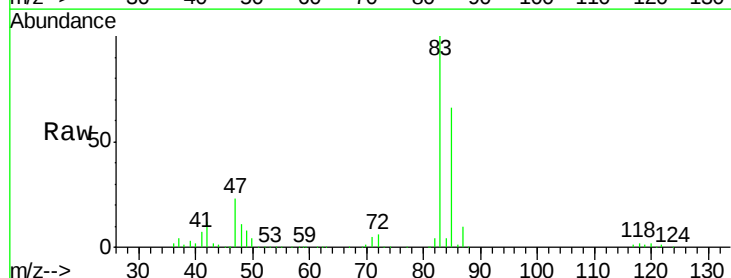
Manual Integrations
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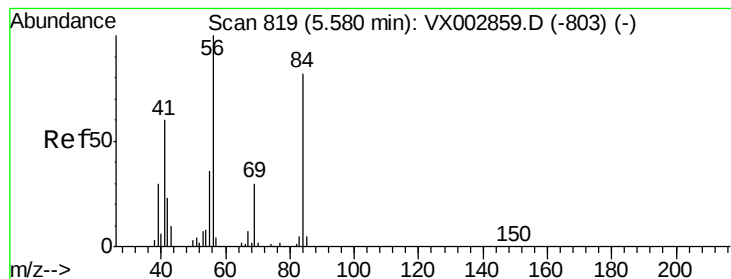
MMDadoda
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#30
Chloroform
Concen: 46.802 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX003209.D
Acq: 06 Jul 2018 10:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	50.4	75.6





#31

Cyclohexane

Concen: 47.337 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003209.D

Acq: 06 Jul 2018 10:59

Instrument :

MSVOA_X

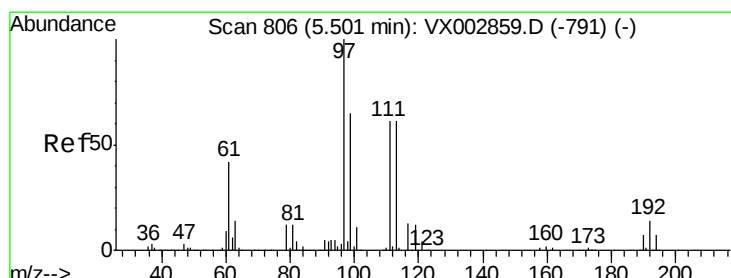
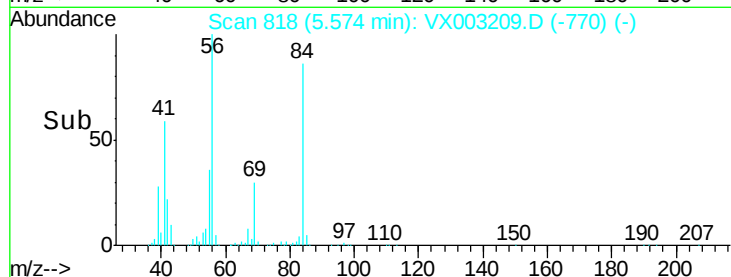
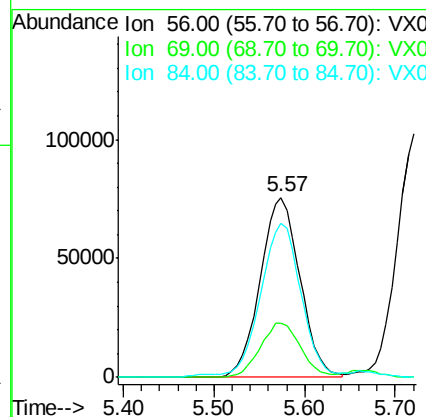
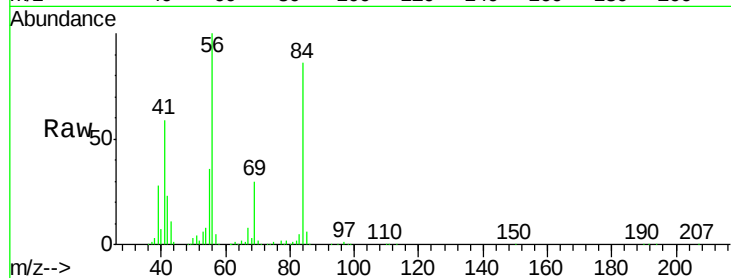
ClientSampled :

VSTDCCC050

Tot Ion:	56	Resp:	228794
Ion Ratio	Lower	Upper	
56	100		
69	29.8	23.7	35.5
84	84.7	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 47.056 ug/l

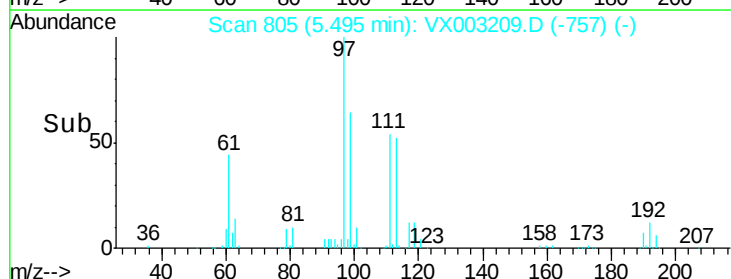
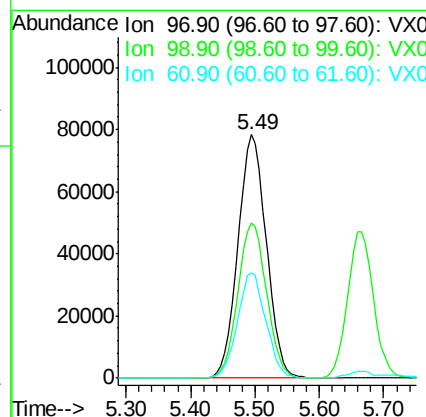
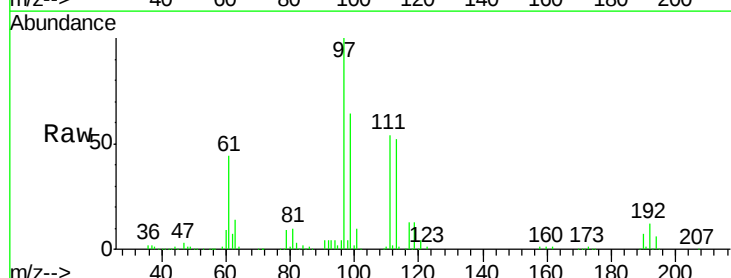
RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX003209.D

Acq: 06 Jul 2018 10:59

Tgt Ion:	97	Resp:	239288
Ion Ratio	Lower	Upper	
97	100		
99	64.5	51.6	77.4
61	43.3	36.4	54.6





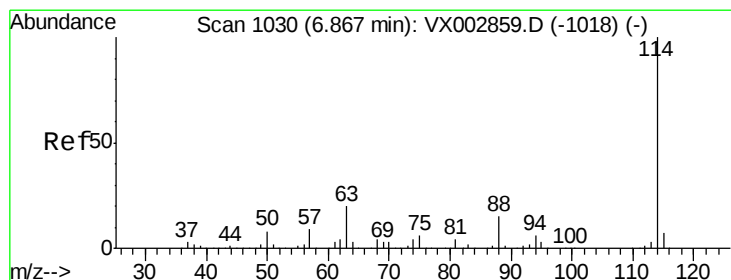
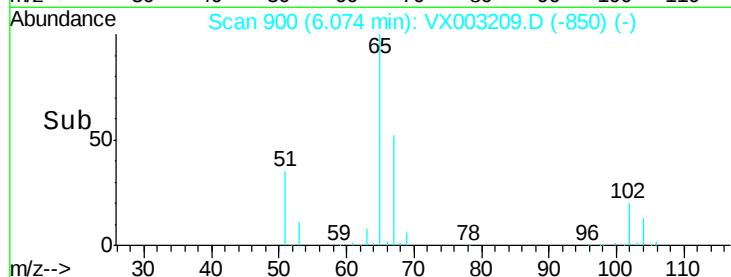
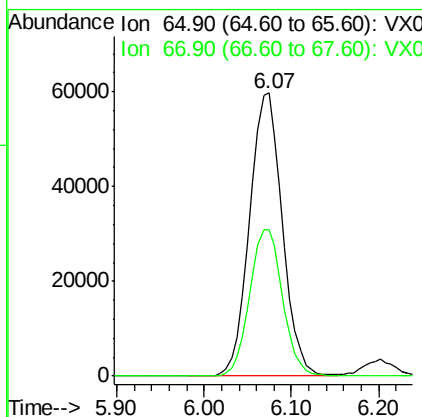
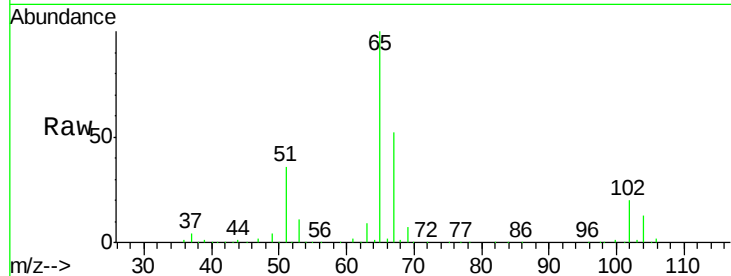
#33
 1,2-Dichloroethane-d4
 Concen: 40.379 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003209.D
 Acq: 06 Jul 2018 10:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	155622		
67	52.2	0.0	102.6	

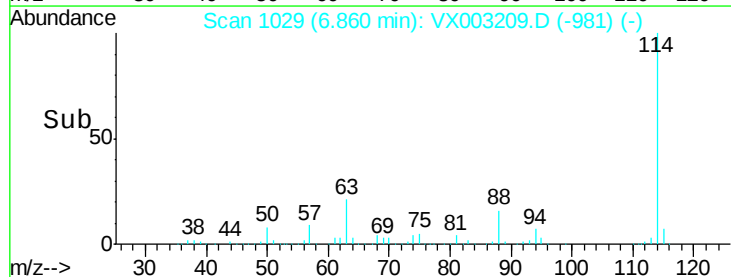
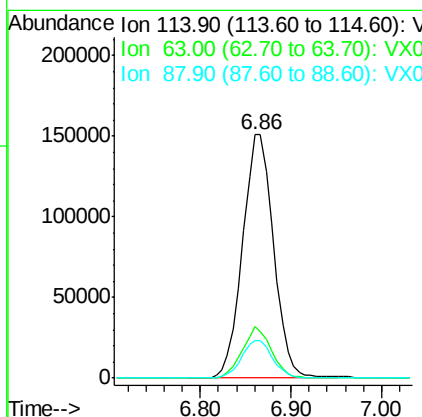
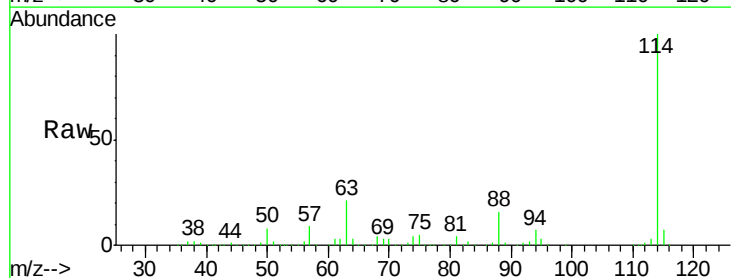
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003209.D
 Acq: 06 Jul 2018 10:59

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	357246		
63	21.4	0.0	41.4	
88	15.5	0.0	30.0	





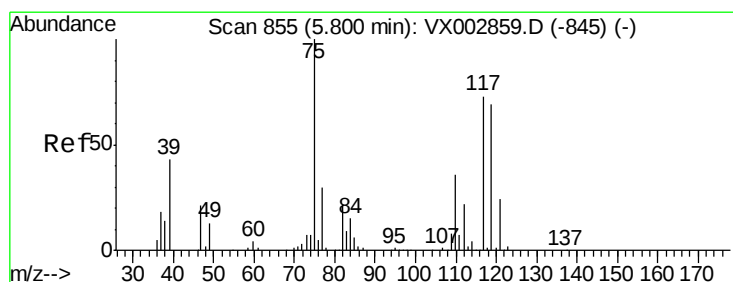
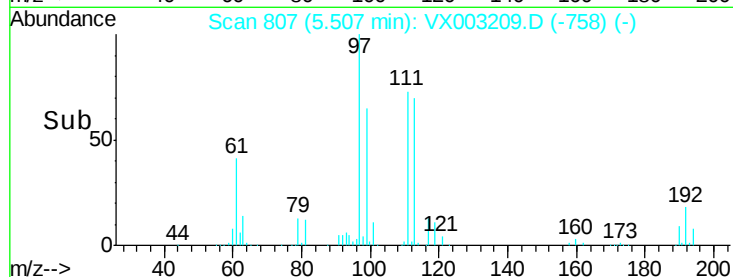
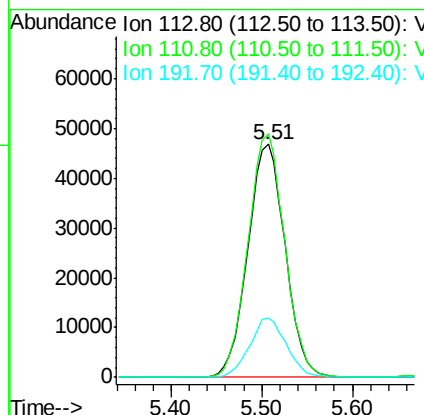
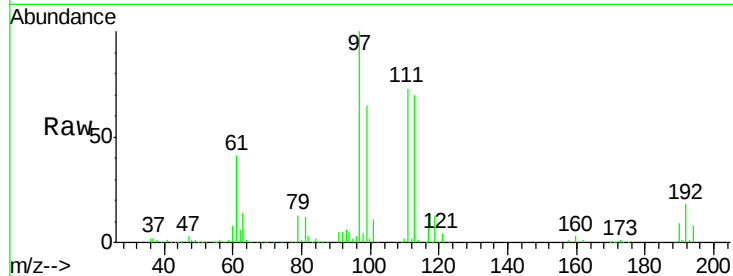
#35
 Dibromofluoromethane
 Concen: 47.290 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003209.D
 Acq: 06 Jul 2018 10:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	133787		
111	103.0	81.4	122.0	
192	25.1	19.1	28.7	

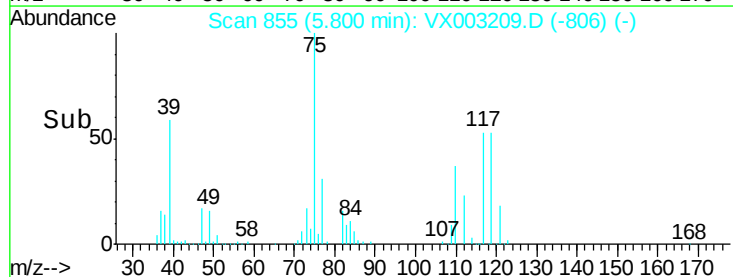
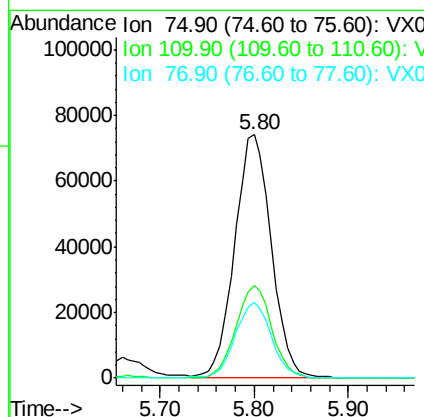
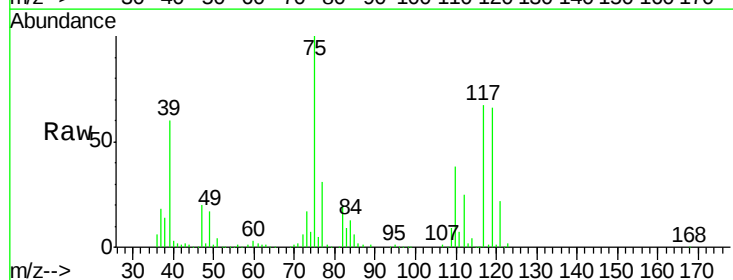
Manual Integrations
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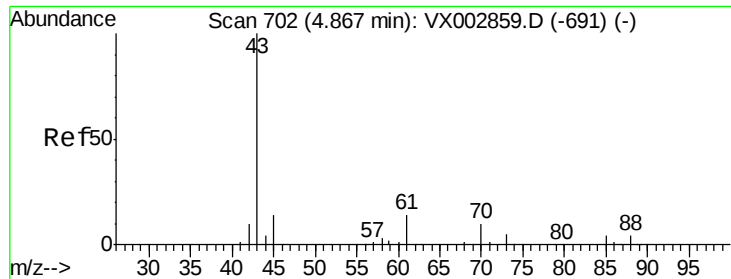
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 50.979 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX003209.D
 Acq: 06 Jul 2018 10:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	199718		
110	37.8	18.1	54.4	
77	30.6	24.3	36.5	





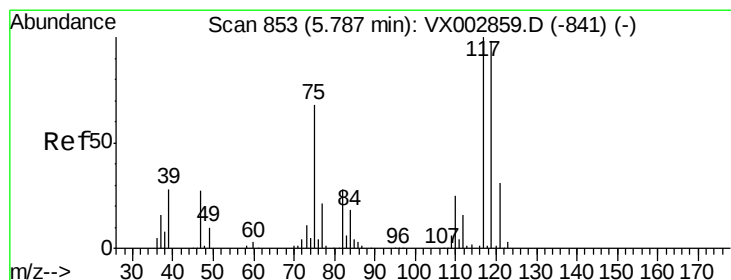
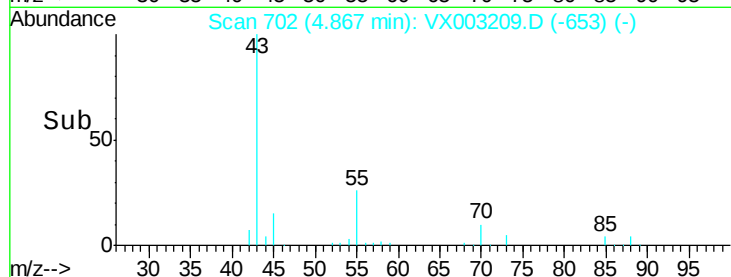
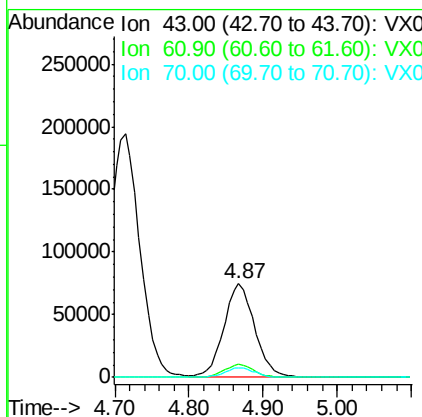
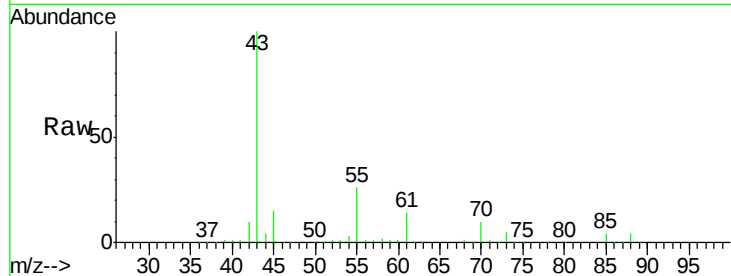
#37
Ethyl Acetate
Concen: 51.041 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX003209.D
Acq: 06 Jul 2018 10:59

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.4	15.6
70	10.0	7.6	11.4

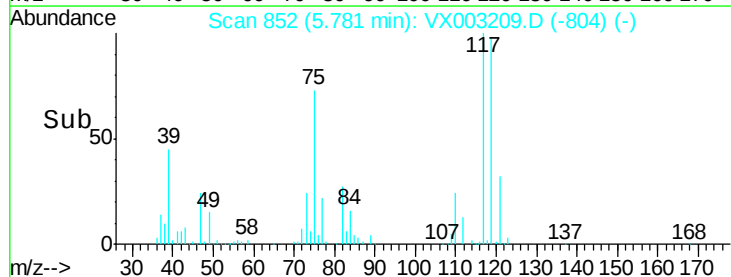
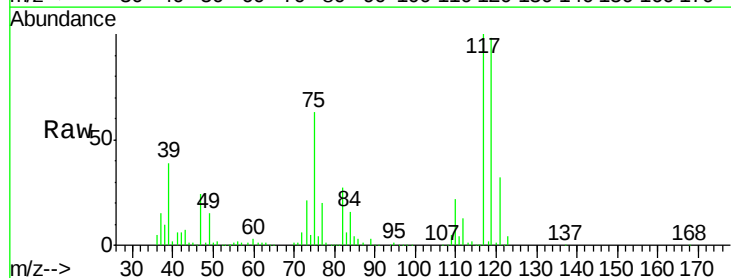
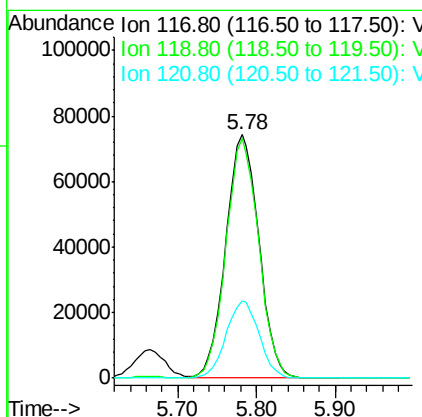
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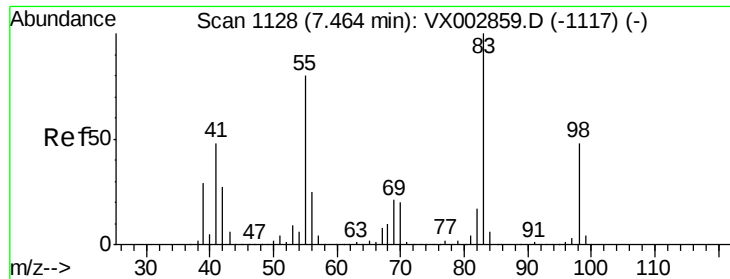
MMDadoda
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#38
Carbon Tetrachloride
Concen: 50.617 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003209.D
Acq: 06 Jul 2018 10:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.2	77.4	116.0
121	31.7	24.4	36.6





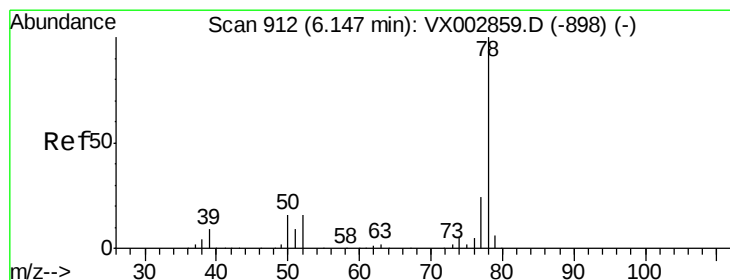
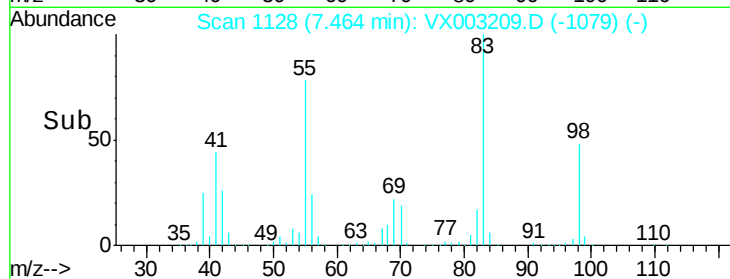
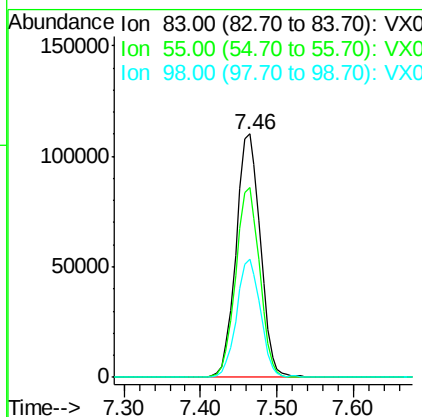
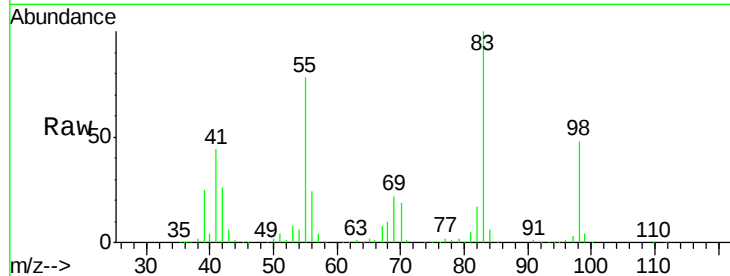
#39
Methvlcvclohexane
Concen: 52.960 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003209.D
Acq: 06 Jul 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.9	65.4	98.0
98	48.4	37.4	56.0

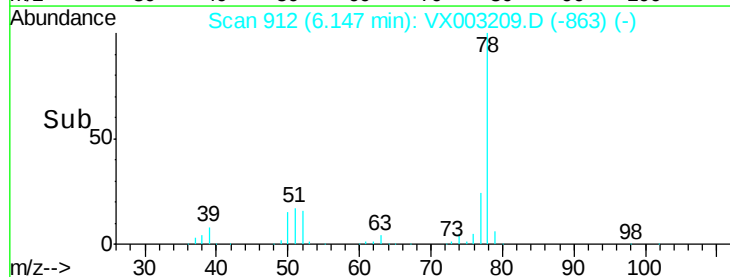
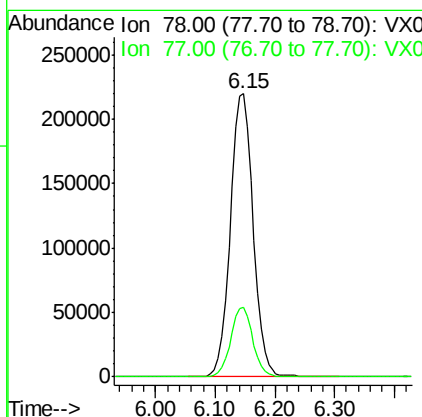
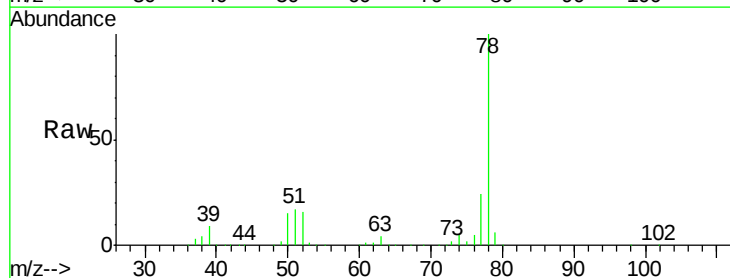
Manual Integrations
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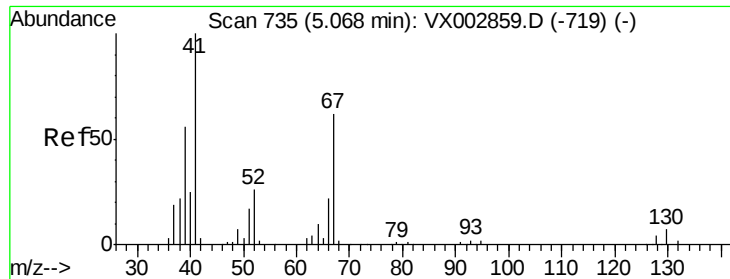
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#40
Benzene
Concen: 51.272 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003209.D
Acq: 06 Jul 2018 10:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.1	28.7





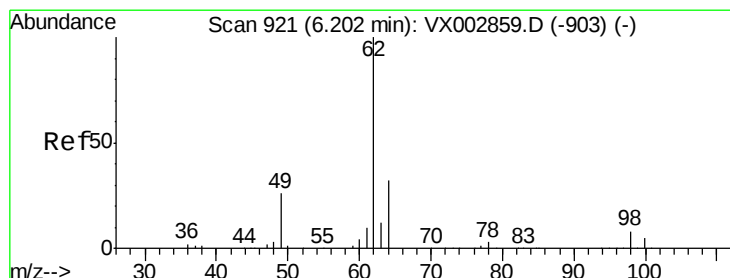
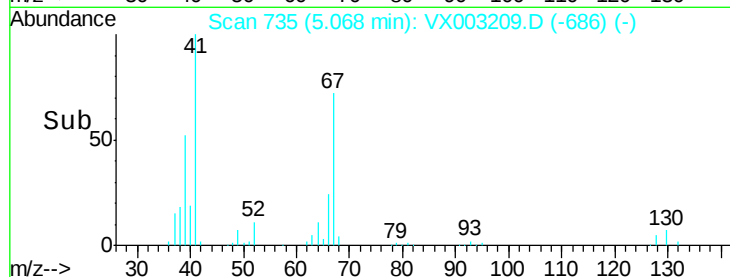
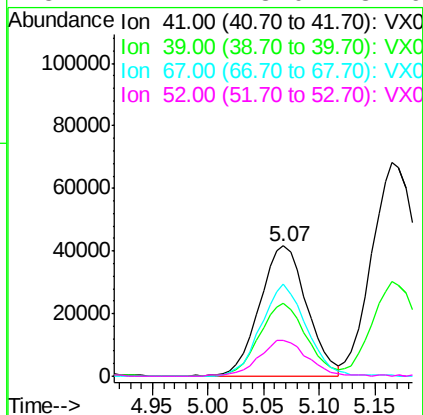
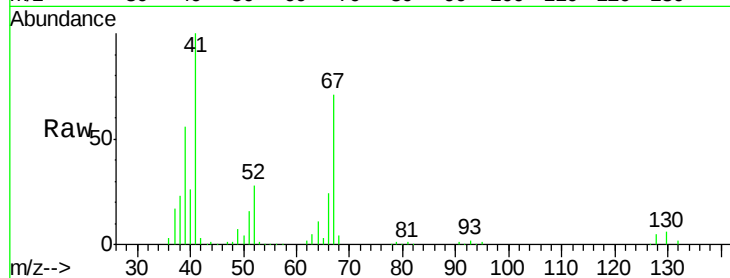
#41
Methacrylonitrile
Concen: 50.291 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX003209.D
Acq: 06 Jul 2018 10:59

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	55.5	45.8	68.6		
67	68.8	51.3	76.9		
52	27.7	23.0	34.6		

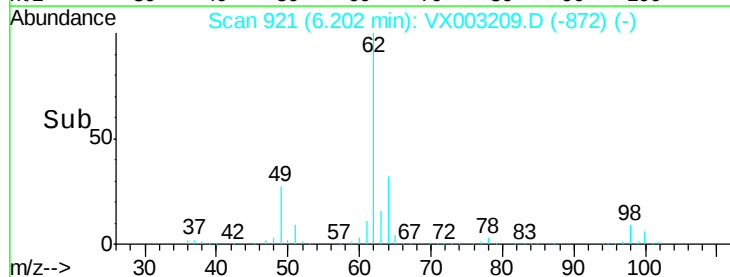
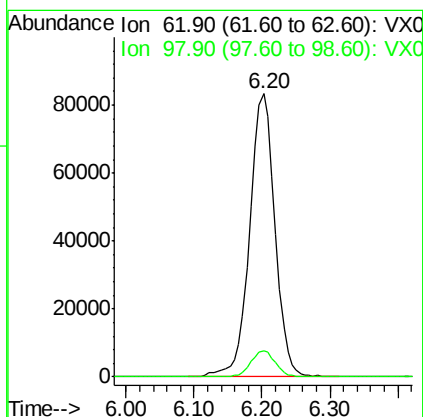
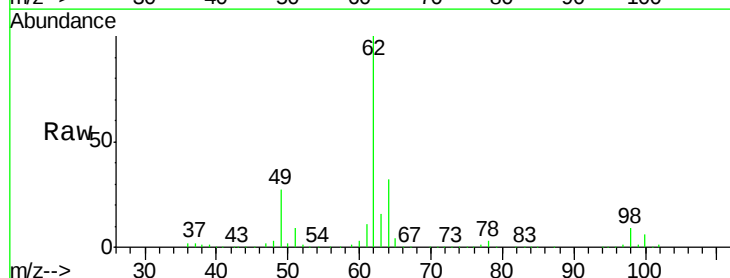
Manual Integrations
APPROVED

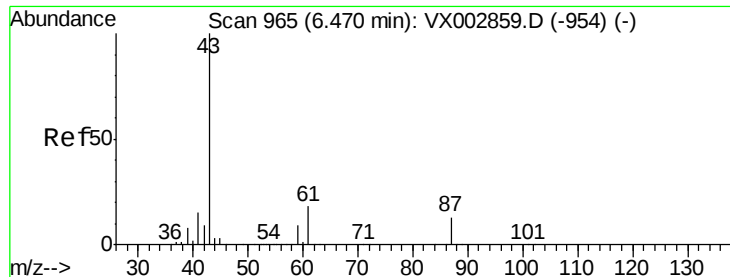
MMDadoda
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#42
1,2-Dichloroethane
Concen: 46.937 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003209.D
Acq: 06 Jul 2018 10:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.1	0.0	16.6		





#43

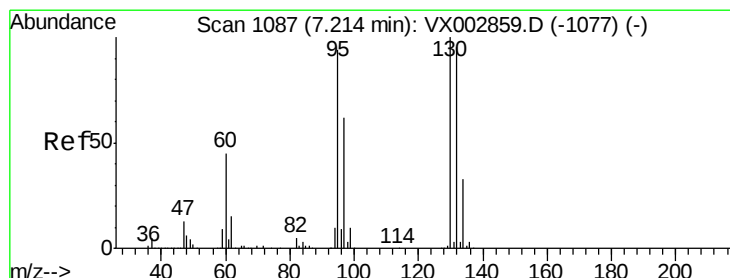
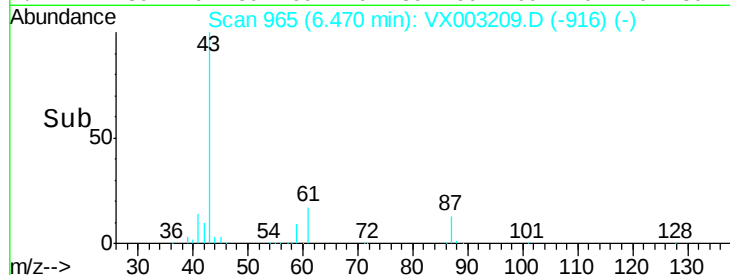
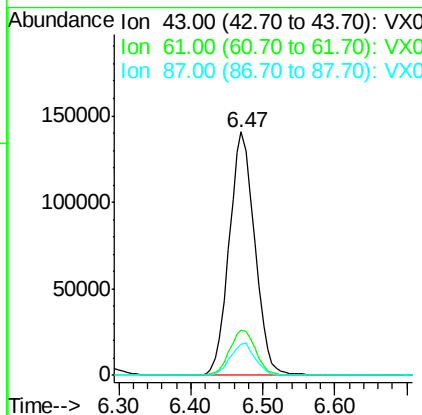
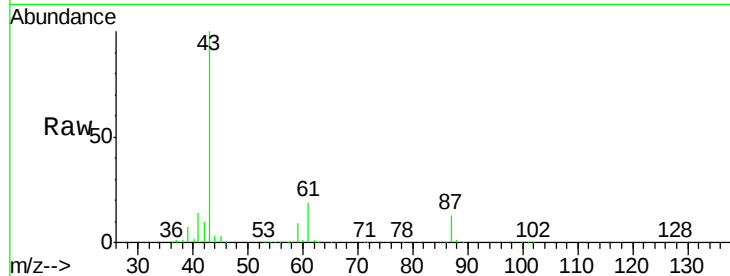
Isopropyl Acetate
 Concen: 48.943 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX003209.D
 Acq: 06 Jul 2018 10:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.3	14.4	21.6
87	13.0	9.5	14.3

Manual Integrations
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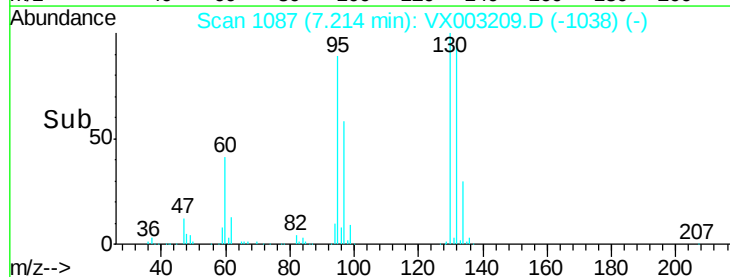
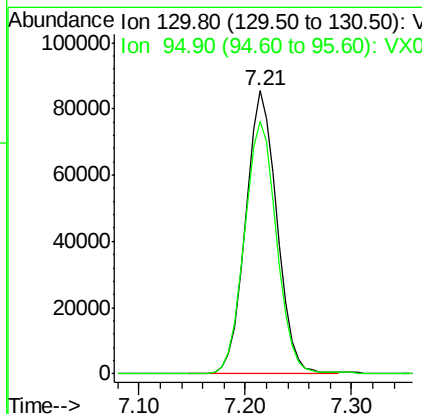
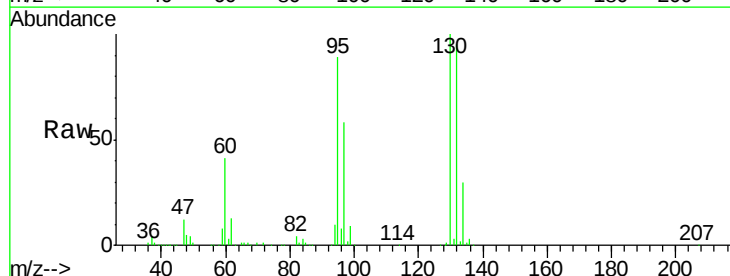
MMDadoda
 7/9/2018 12:56:51 PM



#44

Trichloroethene
 Concen: 51.946 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX003209.D
 Acq: 06 Jul 2018 10:59

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.2	0.0	185.4





#45

1,2-Dichloropropane

Concen: 50.352 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX003209.D

Acq: 06 Jul 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 152037

Ion Ratio Lower Upper

63 100

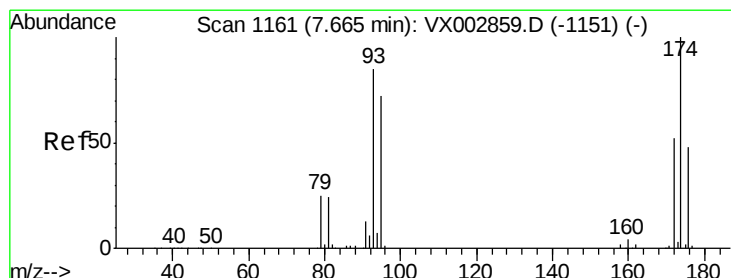
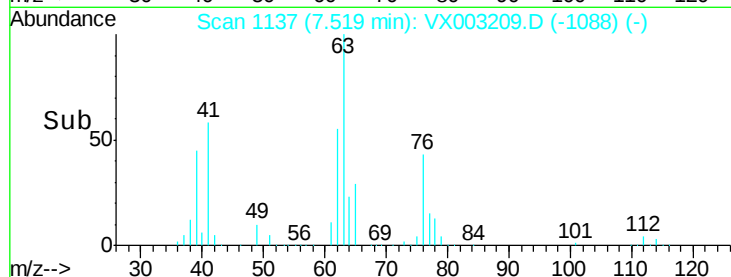
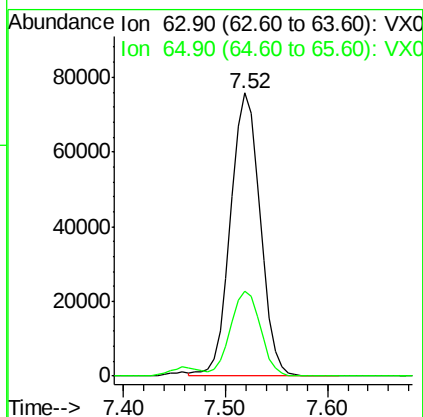
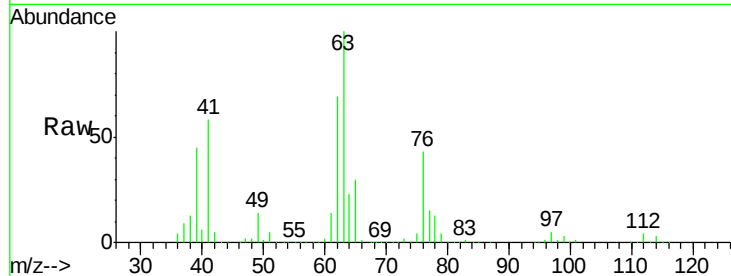
65 30.0 24.7 37.1

Manual Integrations

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#46

Dibromomethane

Concen: 49.613 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX003209.D

Acq: 06 Jul 2018 10:59

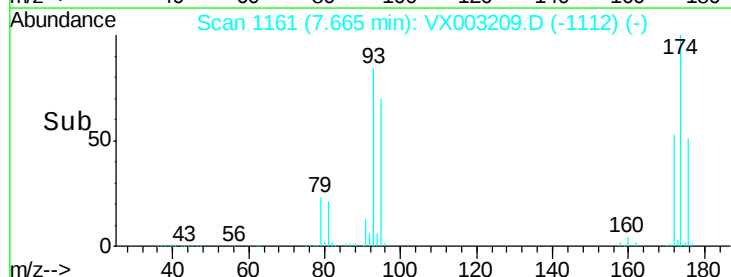
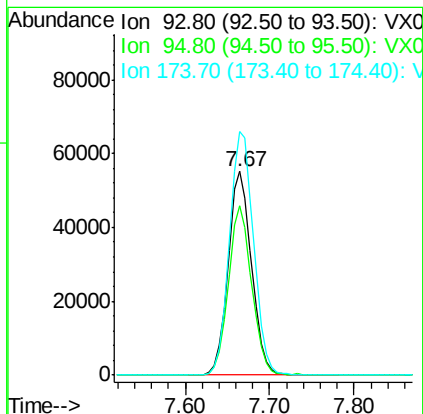
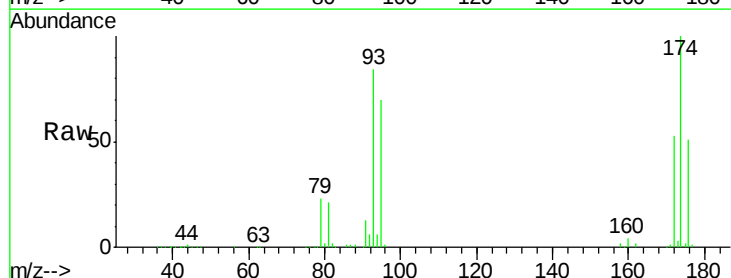
Tgt Ion: 93 Resp: 103965

Ion Ratio Lower Upper

93 100

95 82.5 65.9 98.9

174 123.5 92.4 138.6





#47

Bromodichloromethane

Concen: 50.861 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003209.D

Acq: 06 Jul 2018 10:59

Instrument :

MSVOA_X

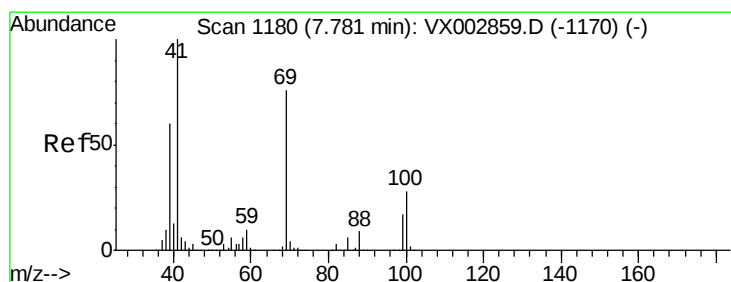
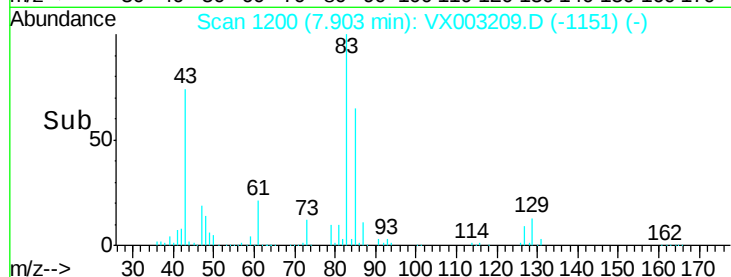
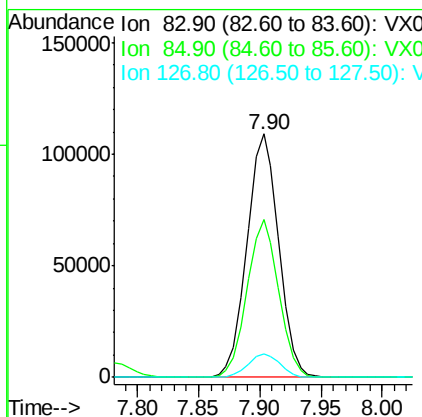
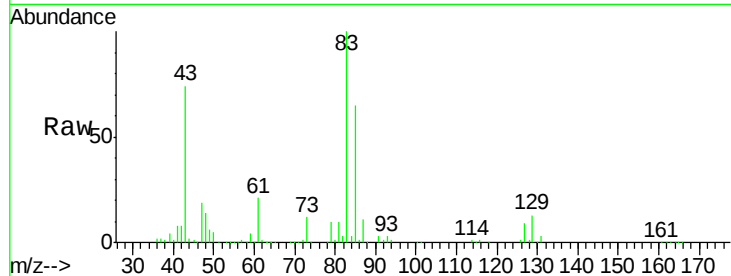
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	197029
Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.3	75.5
127	9.4	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.166 ug/l

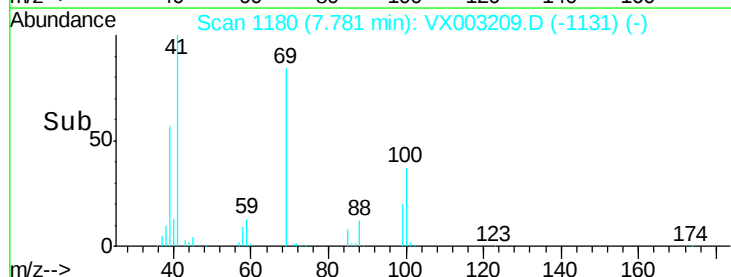
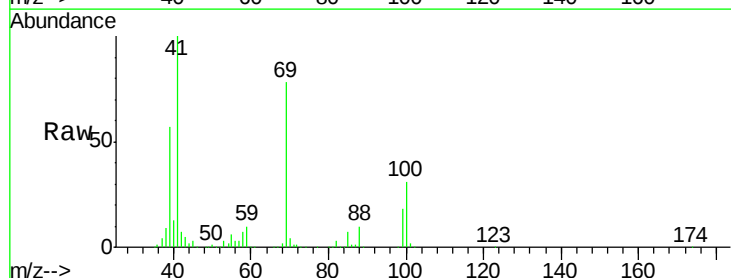
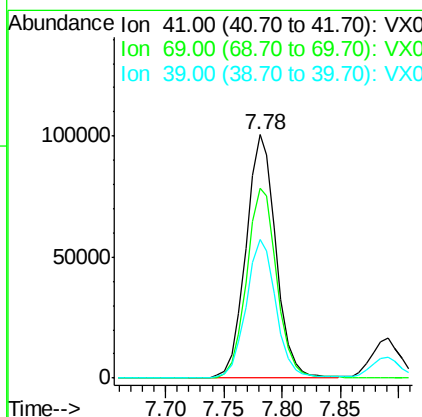
RT: 7.78 min Scan# 1180

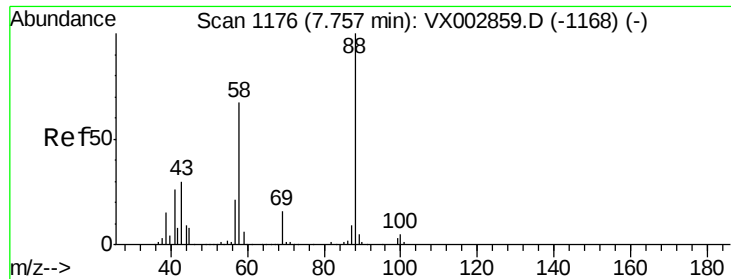
Delta R.T. -0.00 min

Lab File: VX003209.D

Acq: 06 Jul 2018 10:59

Tgt Ion:	41	Resp:	179217
Ion	Ratio	Lower	Upper
41	100		
69	79.2	59.1	88.7
39	56.5	48.9	73.3





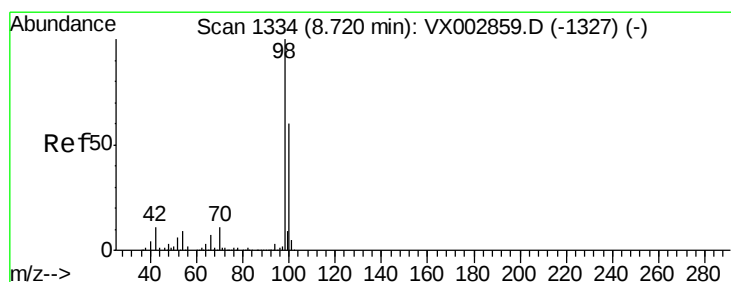
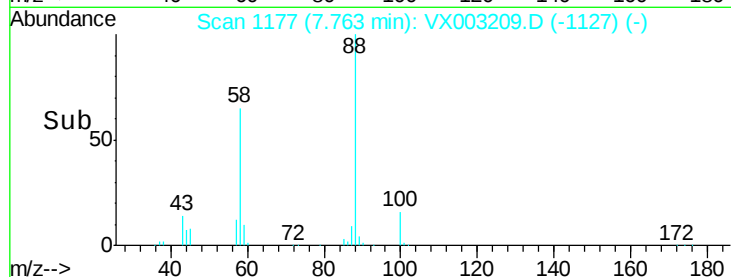
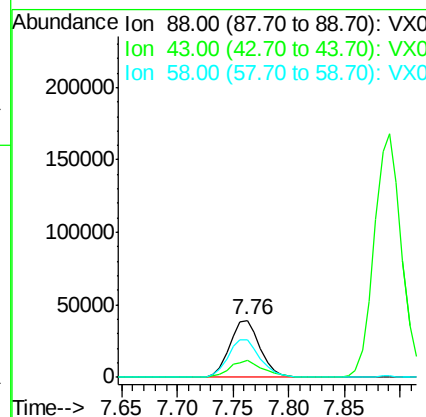
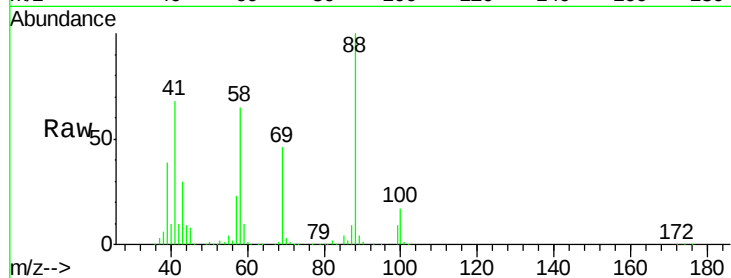
#49
1,4-Dioxane
Concen: 1046.751 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003209.D
Acq: 06 Jul 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.2	29.8	44.6
58	69.8	57.1	85.7

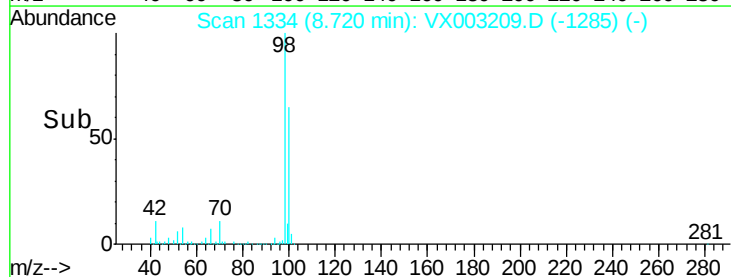
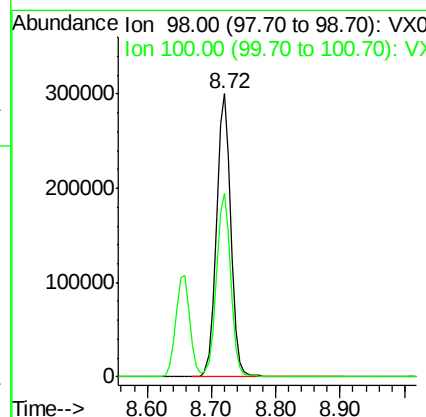
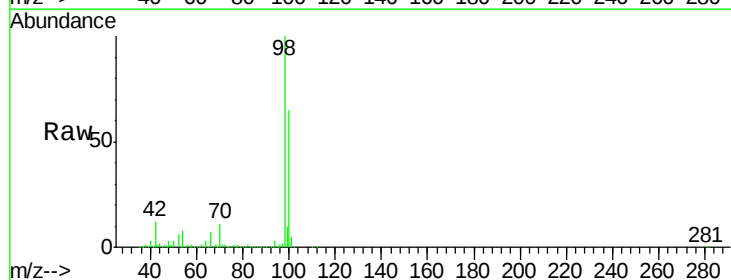
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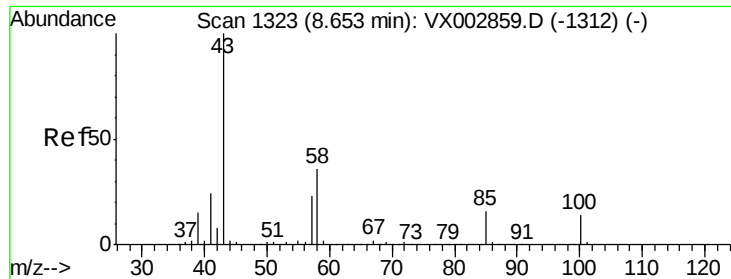
MMDadoda
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#50
Toluene-d8
Concen: 45.697 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003209.D
Acq: 06 Jul 2018 10:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	50.9	76.3





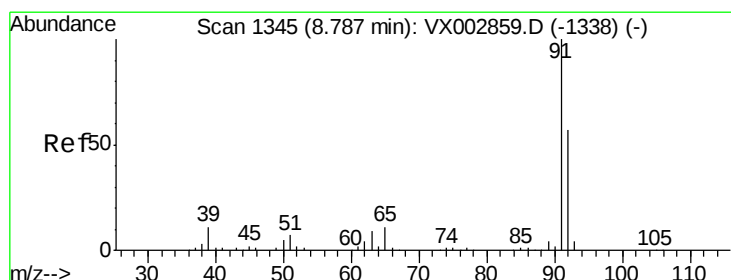
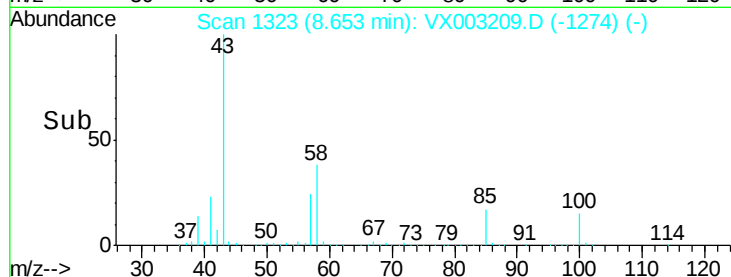
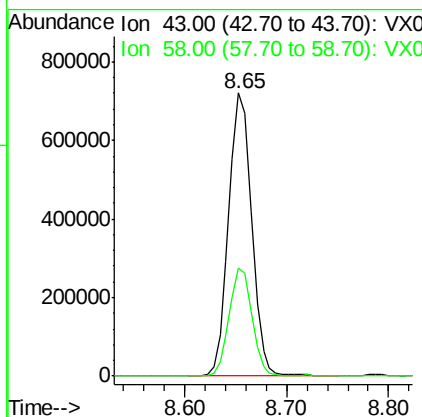
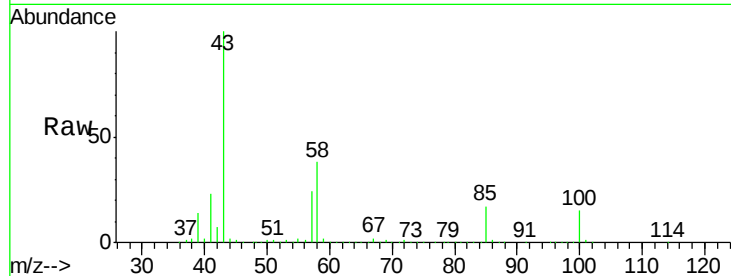
#51
4-Methyl-2-Pentanone
Concen: 254.874 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX003209.D
Acq: 06 Jul 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1128109
Ion Ratio Lower Upper
43 100
58 37.6 28.6 42.8

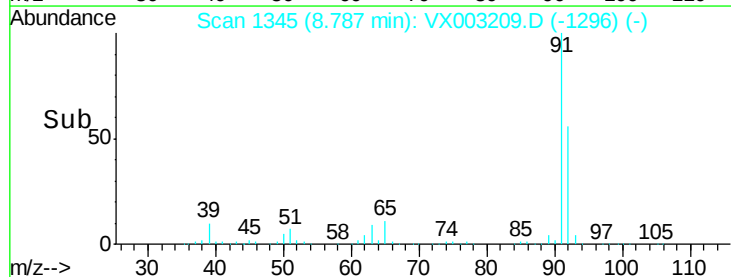
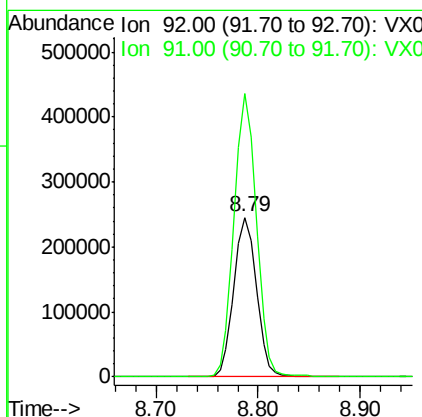
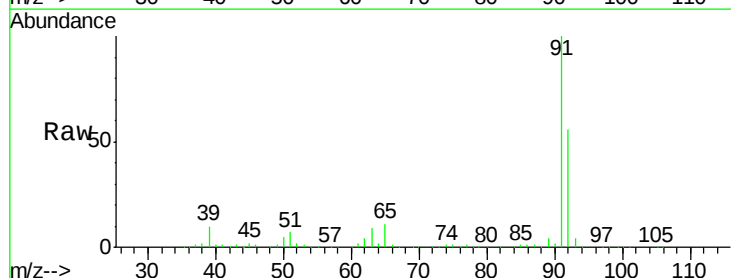
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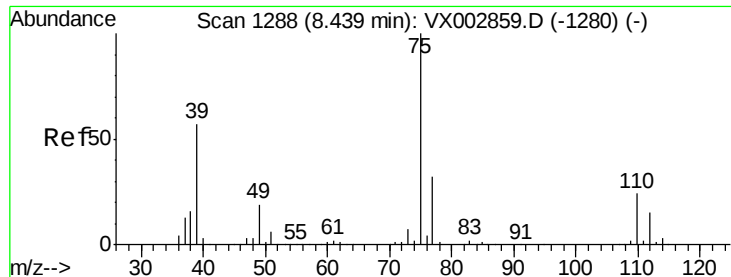
MMDadoda
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#52
Toluene
Concen: 51.907 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX003209.D
Acq: 06 Jul 2018 10:59

Tgt Ion: 92 Resp: 378518
Ion Ratio Lower Upper
92 100
91 176.0 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 54.200 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX003209.D

Acq: 06 Jul 2018 10:59

Tot Ion: 75 Resp: 237790

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2

Instrument :

MSVOA_X

ClientSampleId :

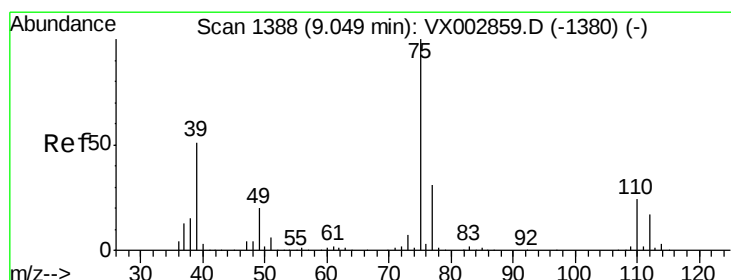
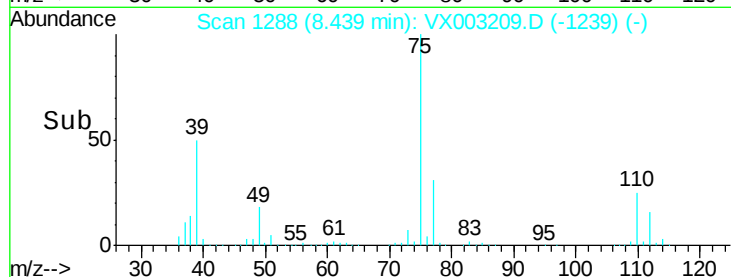
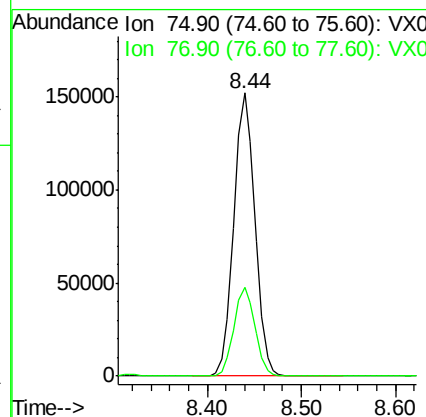
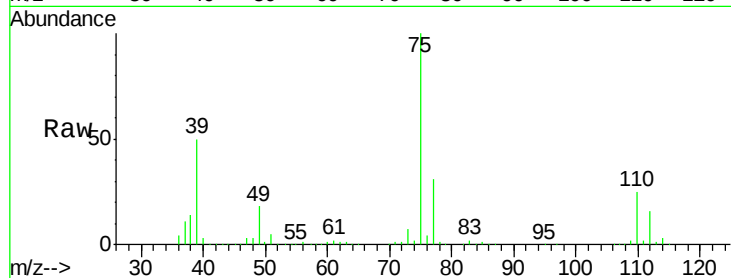
VSTDCCC050

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 52.724 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX003209.D

Acq: 06 Jul 2018 10:59

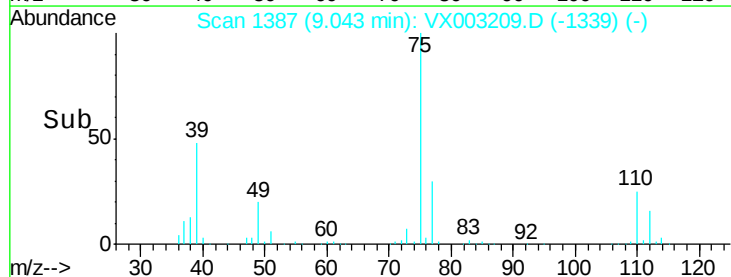
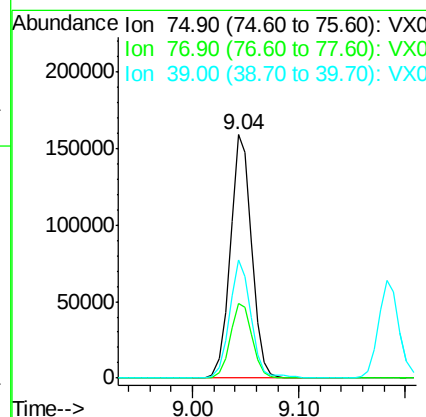
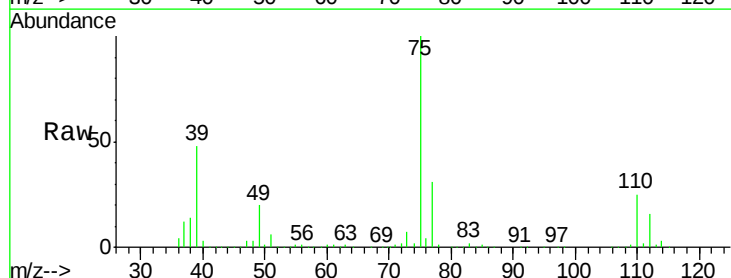
Tgt Ion: 75 Resp: 222570

Ion Ratio Lower Upper

75 100

77 30.5 24.8 37.2

39 48.2 42.4 63.6





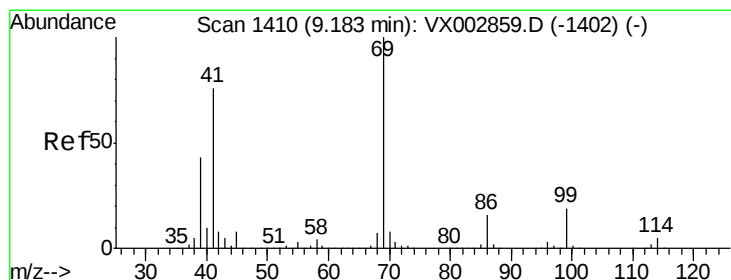
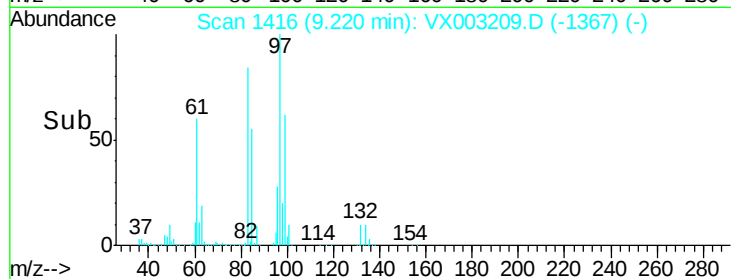
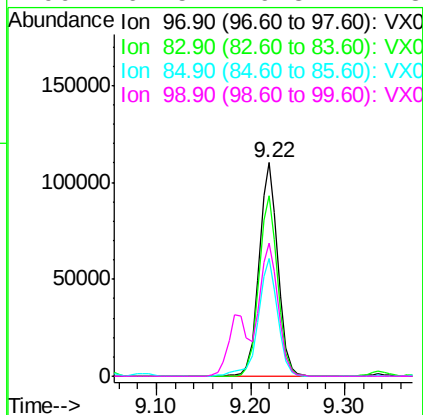
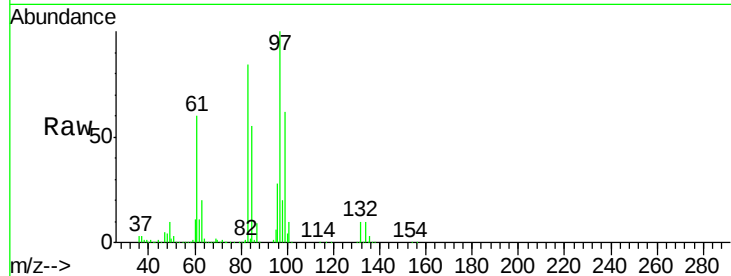
#55
 1,1,2-Trichloroethane
 Concen: 51.838 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003209.D
 Acq: 06 Jul 2018 10:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	155332
Ion	Ratio	Lower	Upper
97	100		
83	84.3	70.2	105.2
85	54.9	44.9	67.3
99	62.5	49.8	74.8

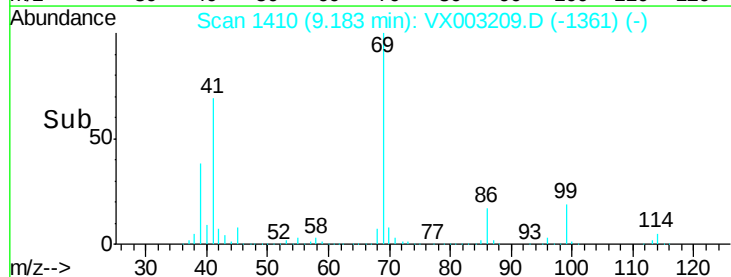
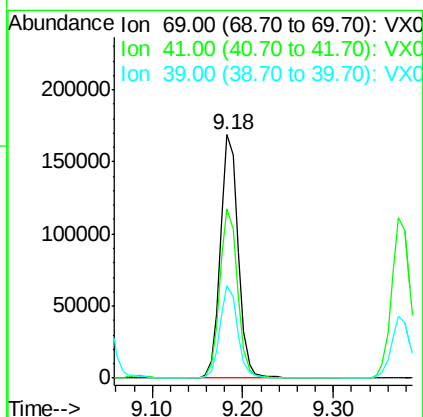
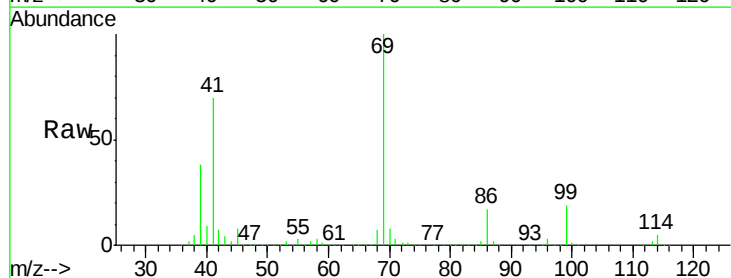
Manual Integrations
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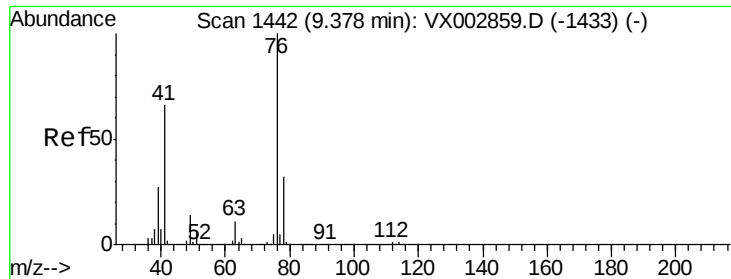
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 52.820 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003209.D
 Acq: 06 Jul 2018 10:59

Tgt Ion:	69	Resp:	231317
Ion	Ratio	Lower	Upper
69	100		
41	69.5	60.3	90.5
39	37.8	35.8	53.8





#57

1,3-Dichloropropane

Concen: 51.283 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX003209.D

Acq: 06 Jul 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 252389

Ion Ratio Lower Upper

76 100

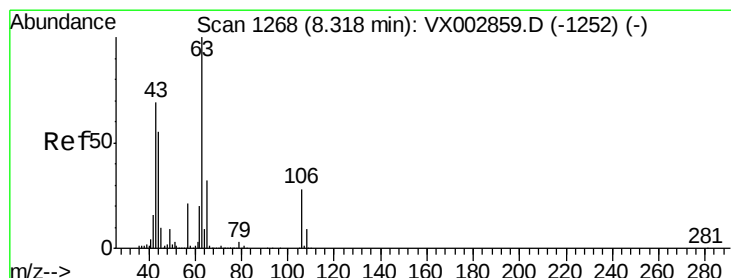
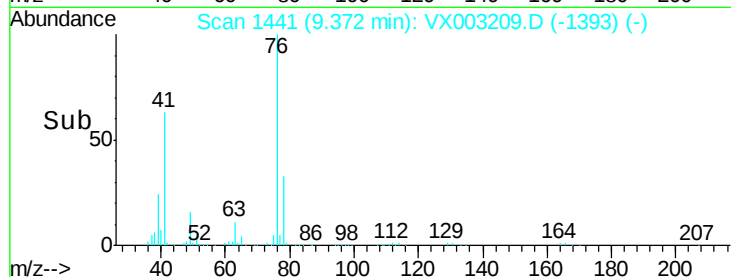
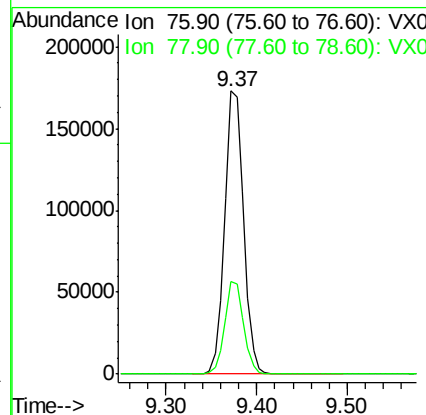
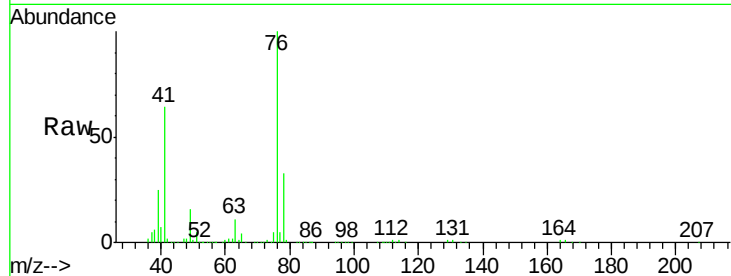
78 32.2 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 253.058 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX003209.D

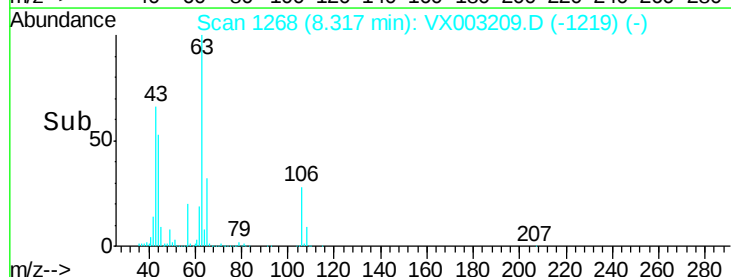
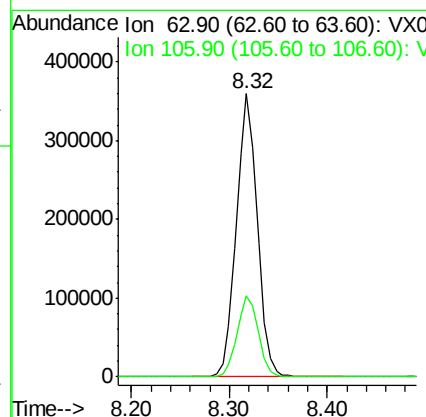
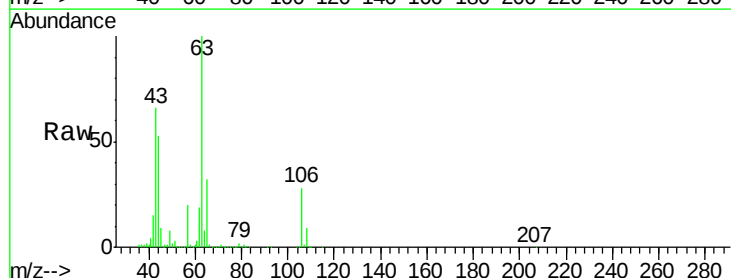
Acq: 06 Jul 2018 10:59

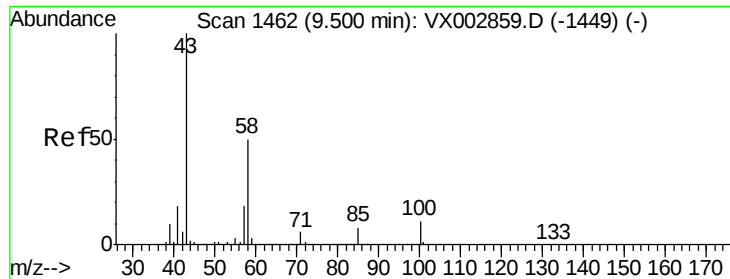
Tgt Ion: 63 Resp: 534653

Ion Ratio Lower Upper

63 100

106 29.0 21.8 32.8





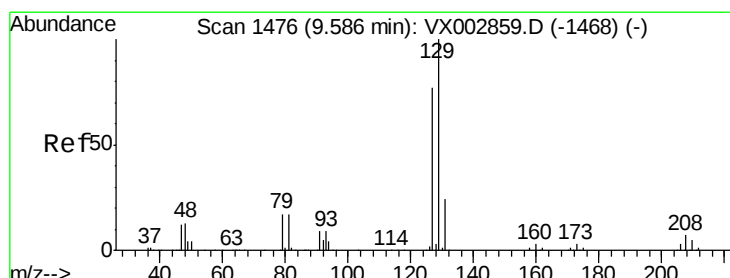
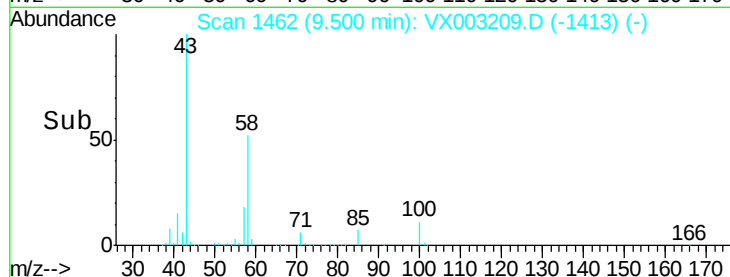
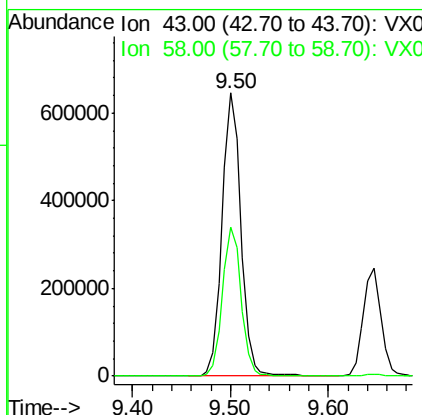
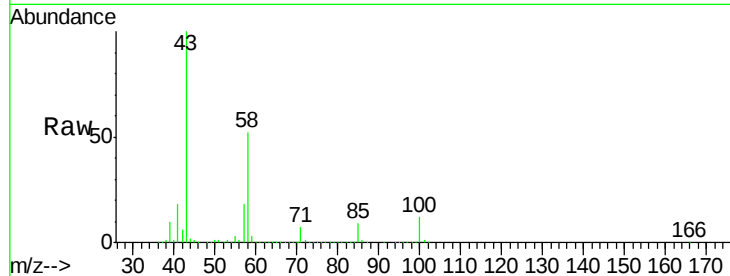
#59
2-Hexanone
Concen: 257.304 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003209.D
Acq: 06 Jul 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 865545
Ion Ratio Lower Upper
43 100
58 52.3 24.6 73.6

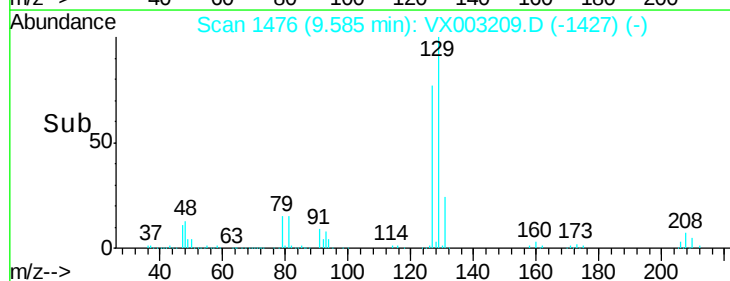
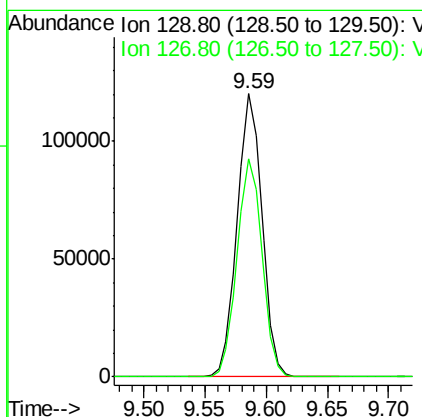
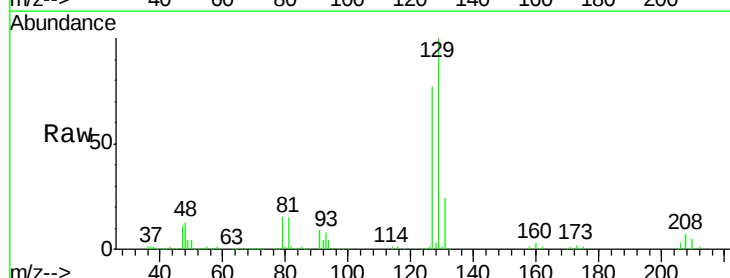
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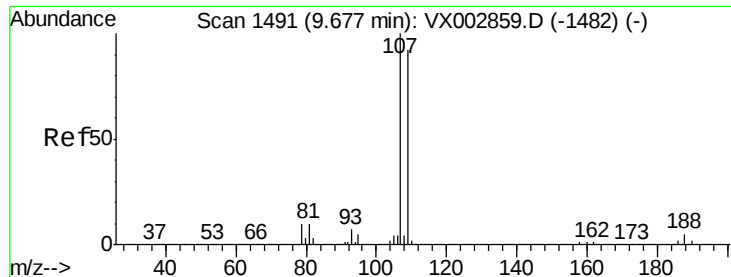
MMDadoda
7/9/2018 12:56:51 PM



#60
Dibromochloromethane
Concen: 53.619 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003209.D
Acq: 06 Jul 2018 10:59

Tgt Ion:129 Resp: 169138
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.3





#61

1,2-Dibromoethane

Concen: 53.395 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003209.D

Acq: 06 Jul 2018 10:59

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:107 Resp: 167824

Ion Ratio Lower Upper

107 100

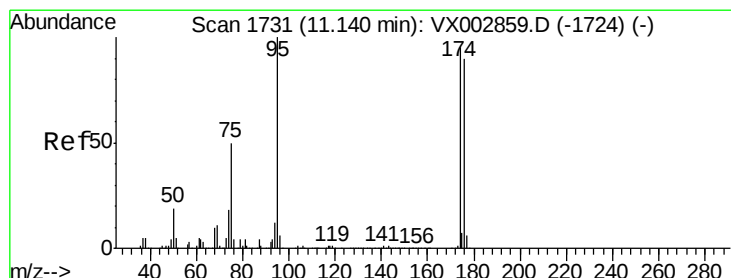
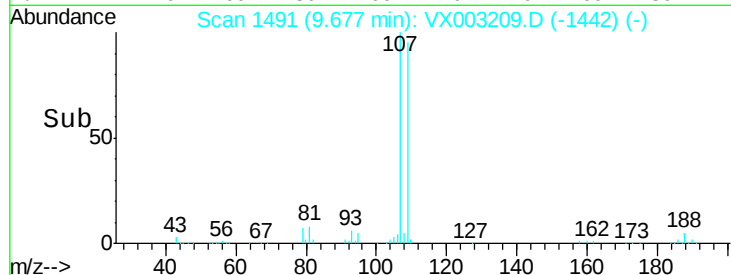
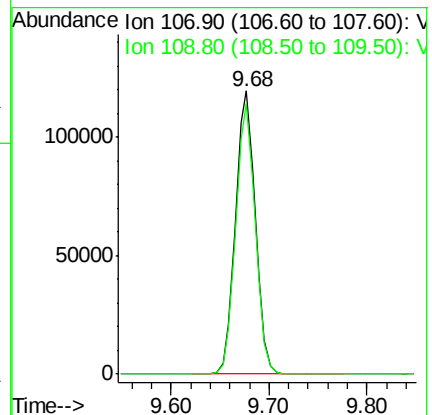
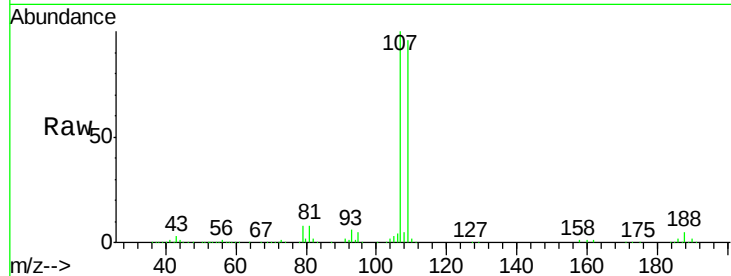
109 94.4 75.3 112.9

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#62

4-Bromofluorobenzene

Concen: 47.227 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003209.D

Acq: 06 Jul 2018 10:59

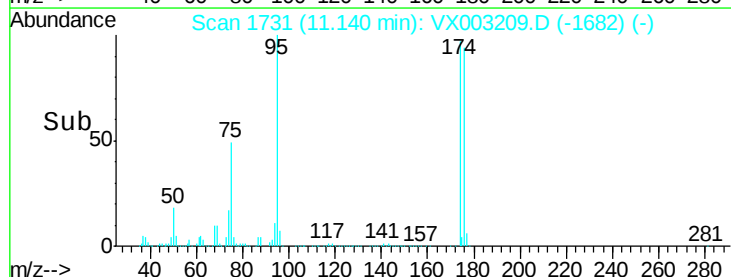
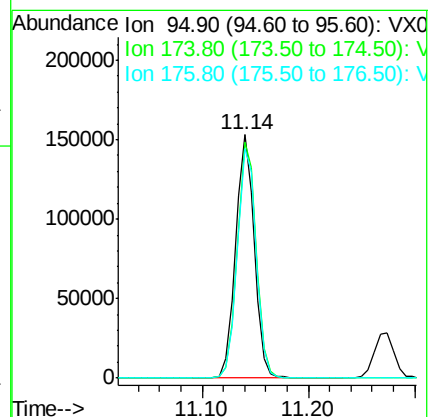
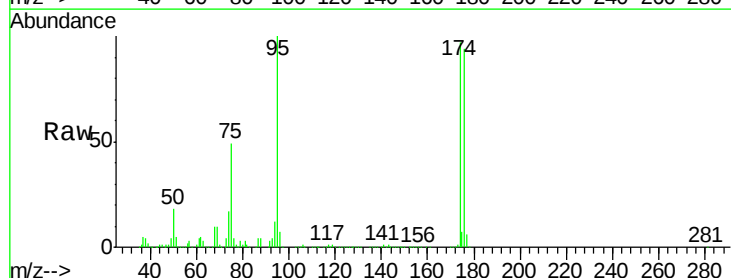
Tgt Ion: 95 Resp: 188164

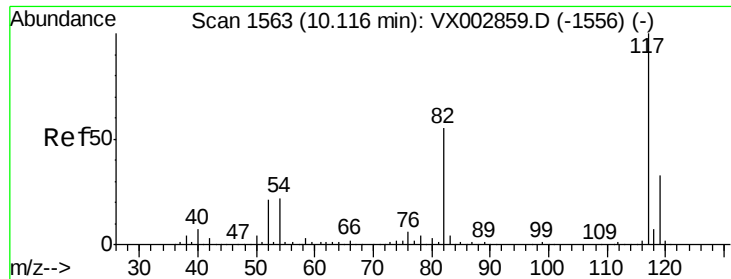
Ion Ratio Lower Upper

95 100

174 98.8 0.0 187.4

176 96.2 0.0 181.0





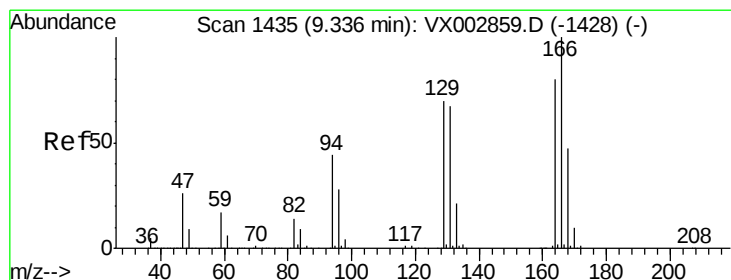
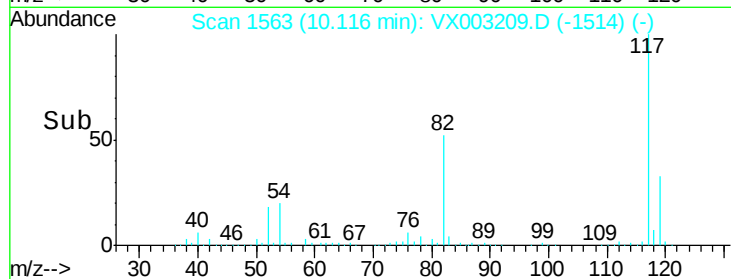
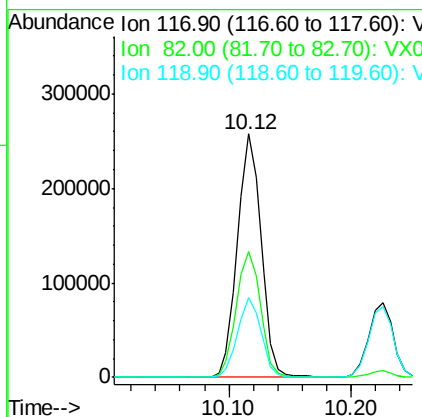
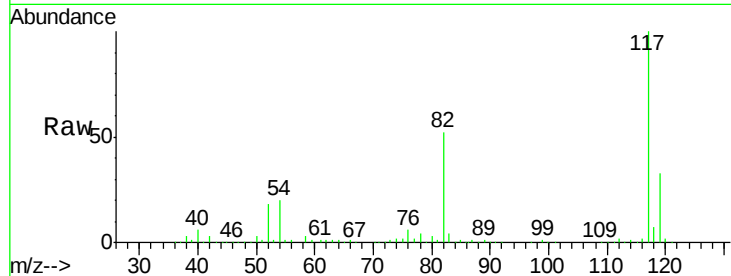
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003209.D
Acq: 06 Jul 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.9	45.0	67.4
119	32.6	25.8	38.6

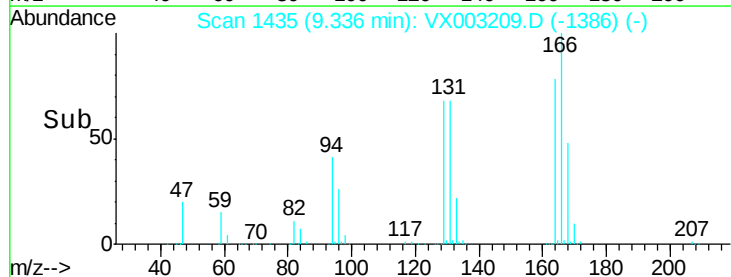
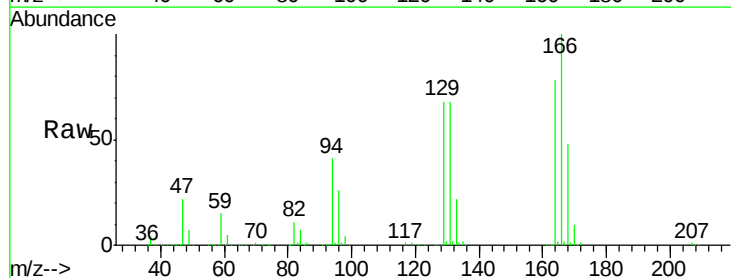
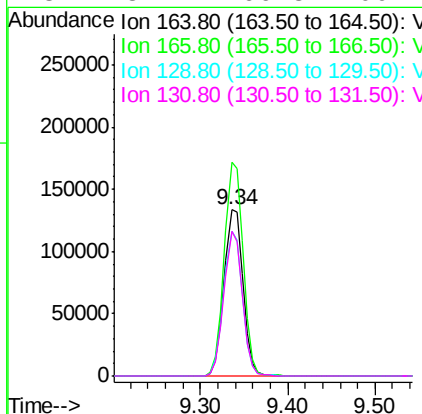
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#64
Tetrachloroethene
Concen: 52.320 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX003209.D
Acq: 06 Jul 2018 10:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.6	102.9	154.3
129	87.5	68.6	102.8
131	87.2	66.8	100.2





#65

Chlorobenzene

Concen: 51.169 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX003209.D

Acq: 06 Jul 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 450153

Ion Ratio Lower Upper

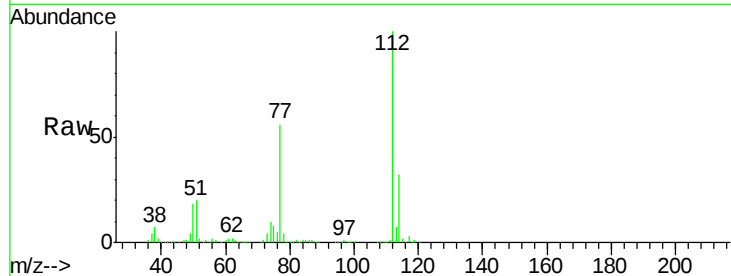
112 100

114 32.0 25.3 37.9

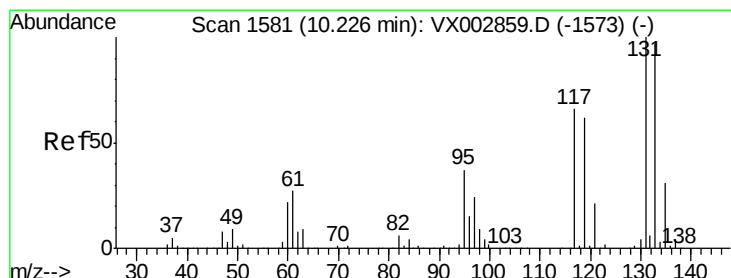
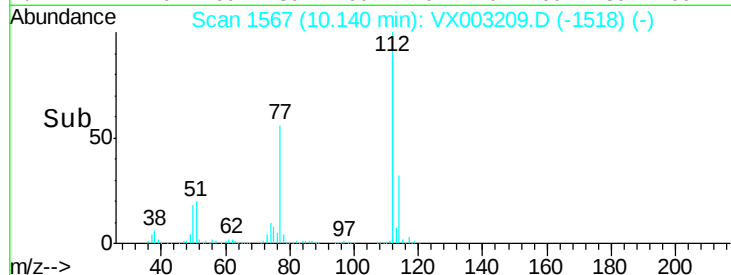
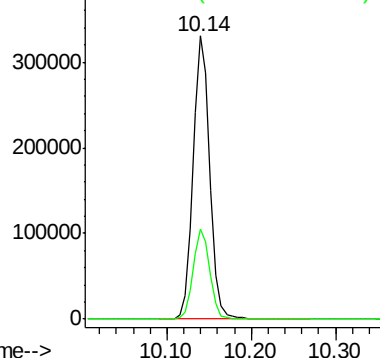
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Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.450 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX003209.D

Acq: 06 Jul 2018 10:59

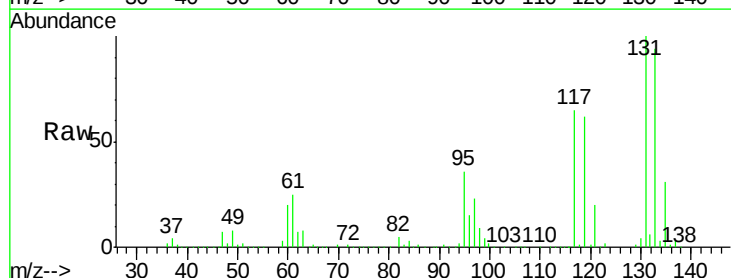
Tgt Ion:131 Resp: 167620

Ion Ratio Lower Upper

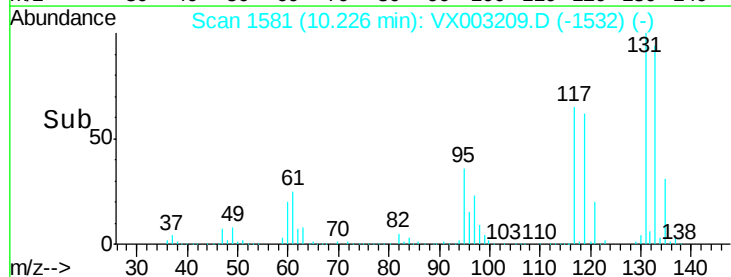
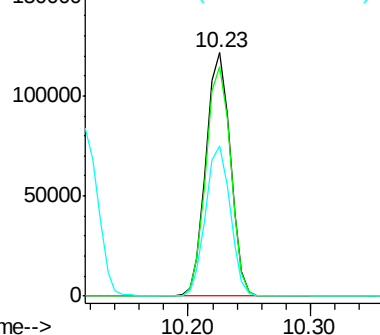
131 100

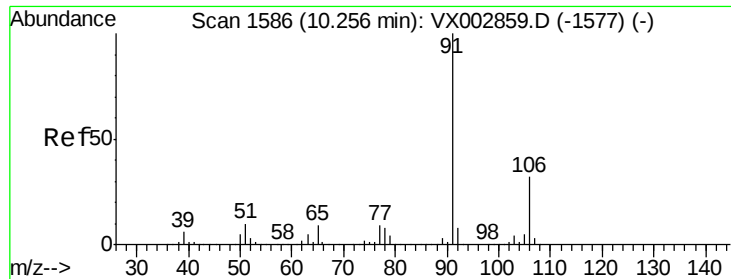
133 95.5 47.9 143.6

119 62.4 31.8 95.3



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





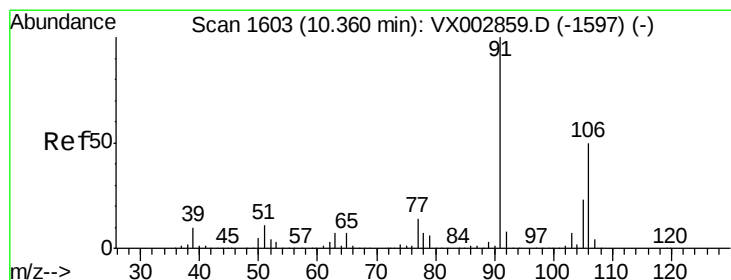
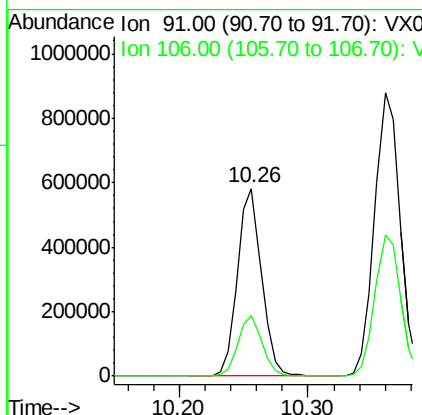
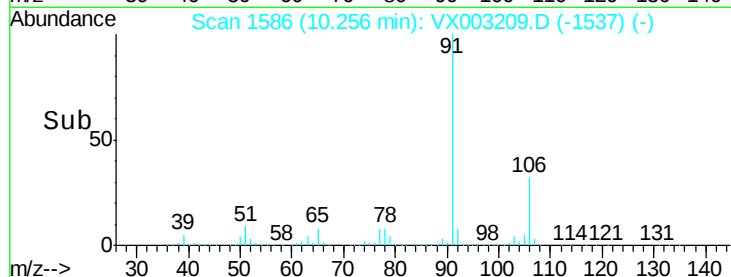
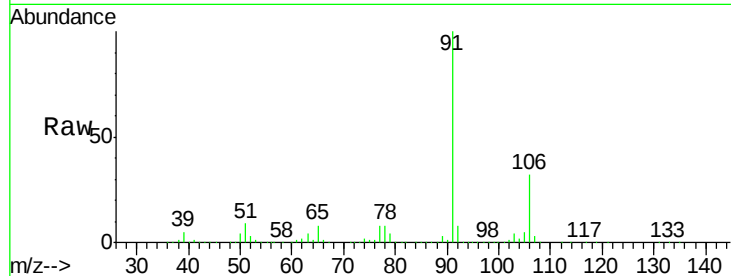
#67
Ethyl Benzene
Concen: 52.266 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003209.D
Acq: 06 Jul 2018 10:59

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 759565
Ion Ratio Lower Upper
91 100
106 32.0 25.5 38.3

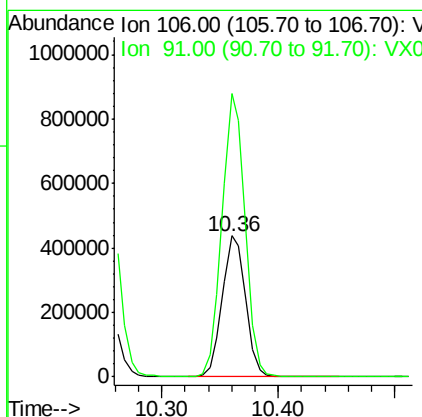
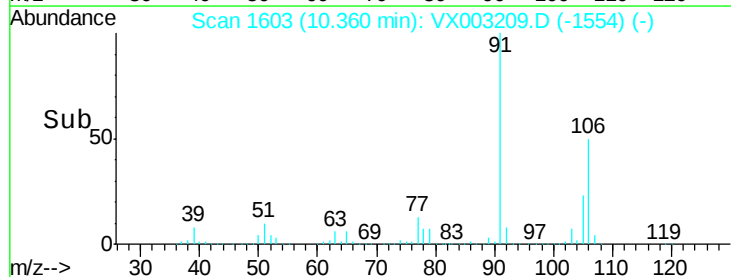
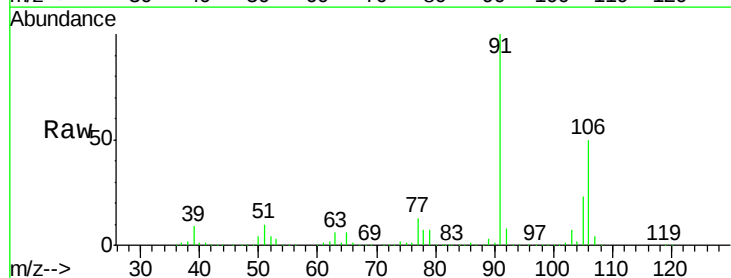
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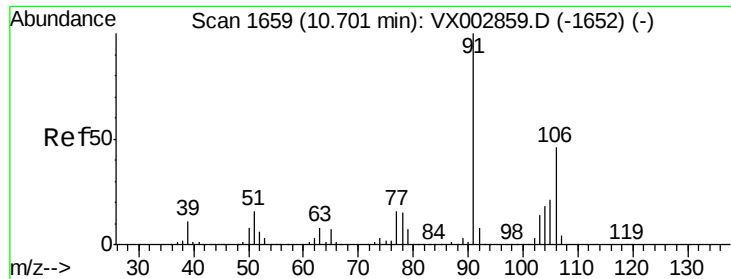
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#68
m/p-Xylenes
Concen: 108.036 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003209.D
Acq: 06 Jul 2018 10:59

Tgt Ion: 106 Resp: 605098
Ion Ratio Lower Upper
106 100
91 198.6 163.4 245.2





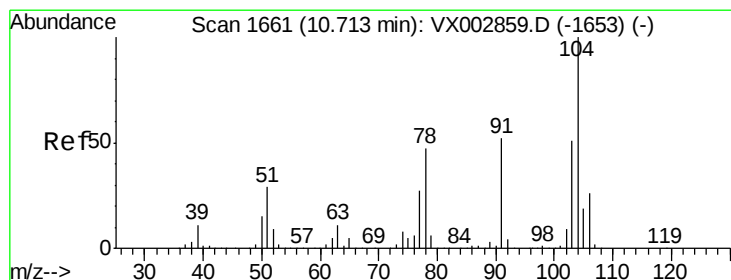
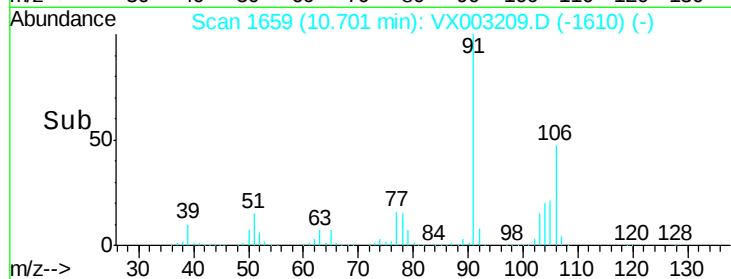
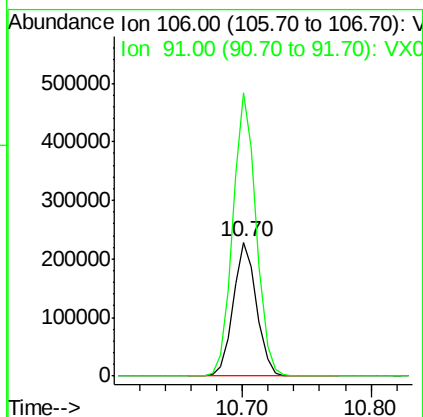
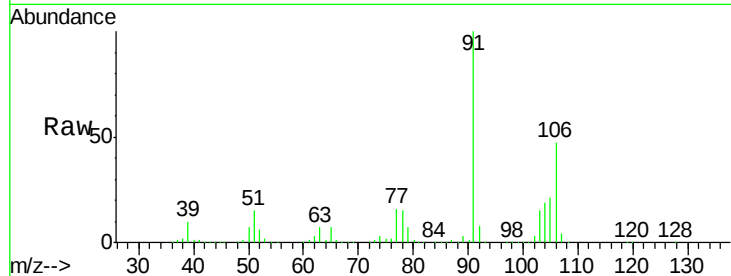
#69
o-Xylene
Concen: 52.721 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003209.D
Acq: 06 Jul 2018 10:59

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 287523
Ion Ratio Lower Upper
106 100
91 212.2 108.2 324.6

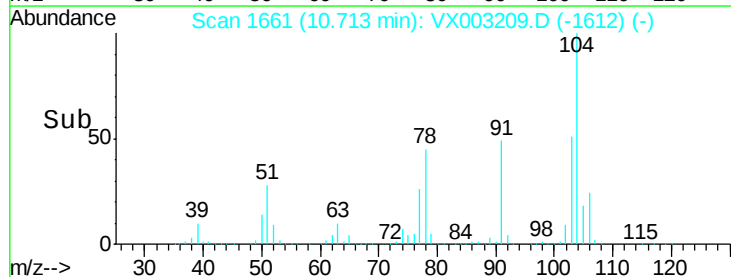
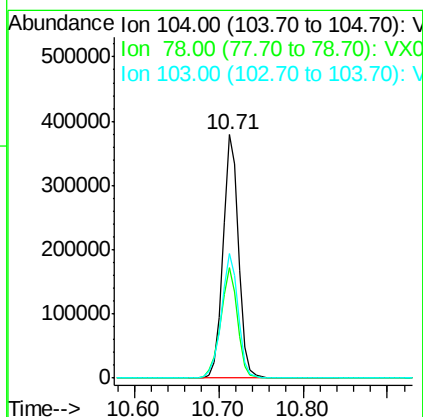
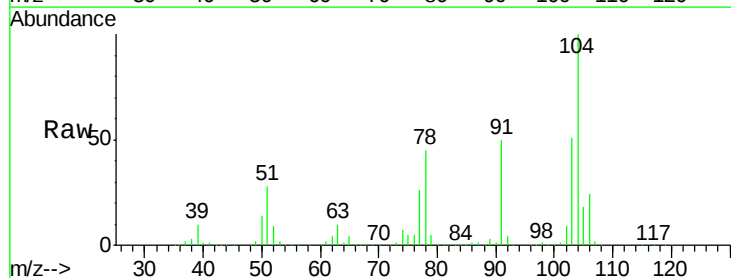
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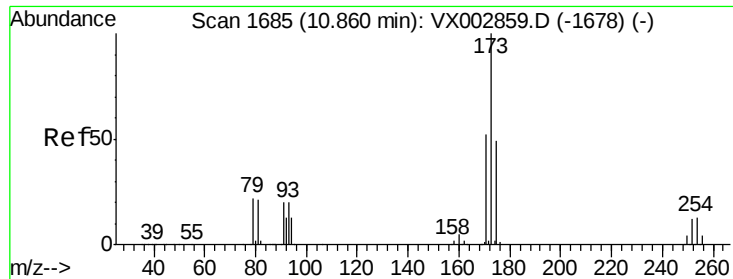
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#70
Styrene
Concen: 54.638 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003209.D
Acq: 06 Jul 2018 10:59

Tgt Ion:104 Resp: 484183
Ion Ratio Lower Upper
104 100
78 49.1 41.0 61.6
103 55.4 44.2 66.4





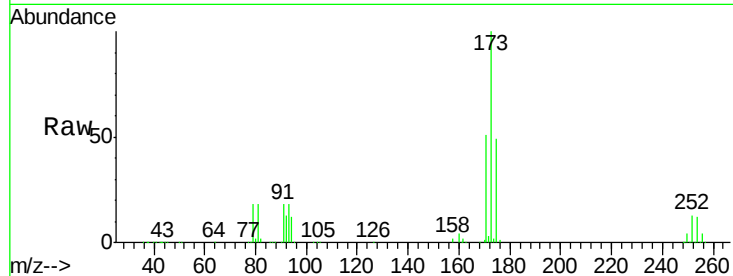
#71
Bromoform
Concen: 47.623 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003209.D
Acq: 06 Jul 2018 10:59

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

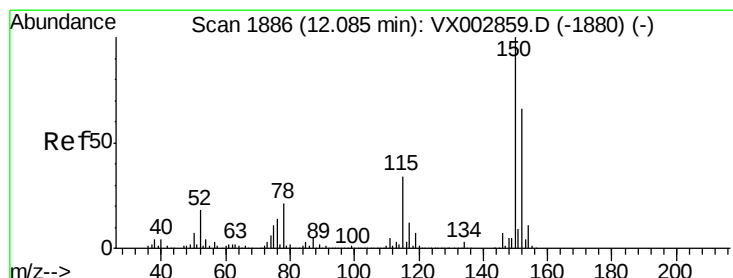
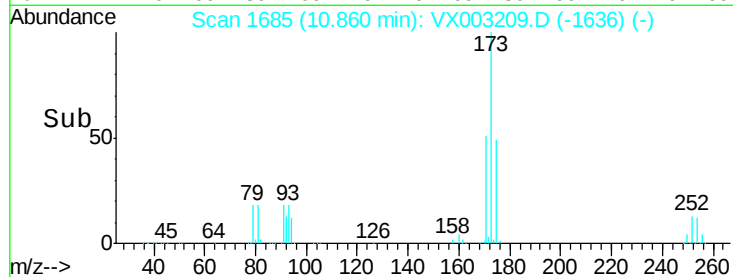
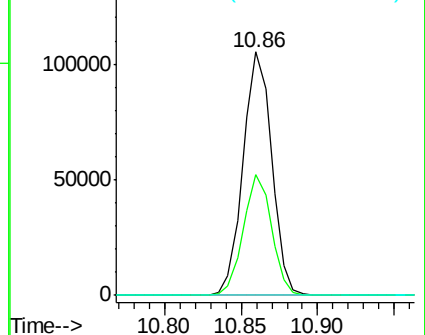
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.7	74.1
254	0.2	0.2	0.2

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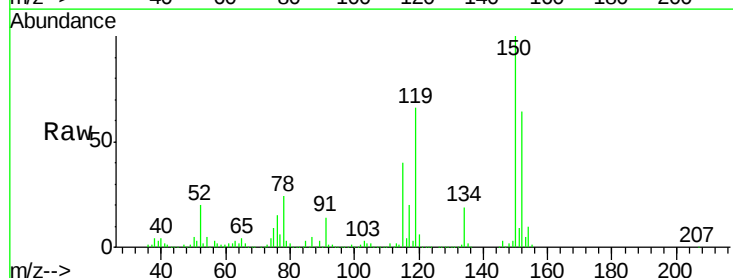


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

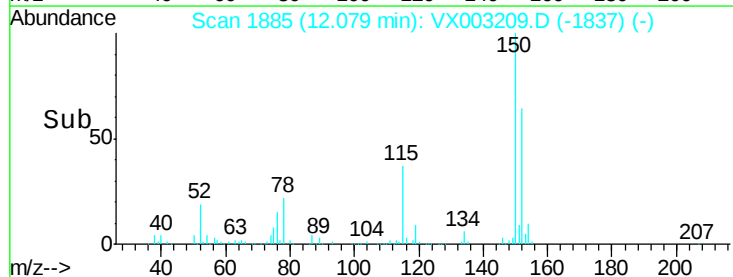
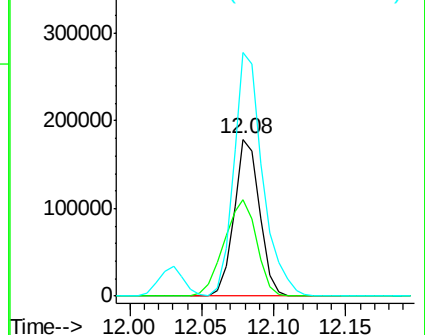


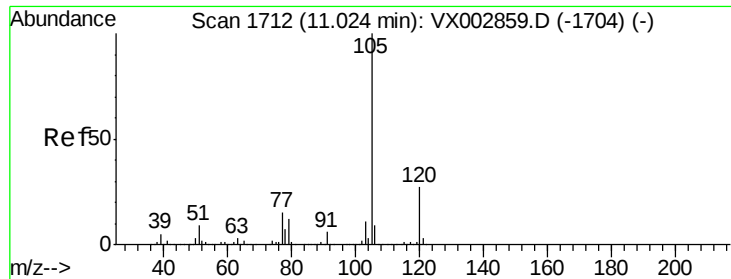
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003209.D
Acq: 06 Jul 2018 10:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.3	40.1	120.2
150	175.6	0.0	347.2



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





#73

Isopropylbenzene

Concen: 52.213 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003209.D

Acq: 06 Jul 2018 10:59

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 778828

Ion Ratio Lower Upper

105 100

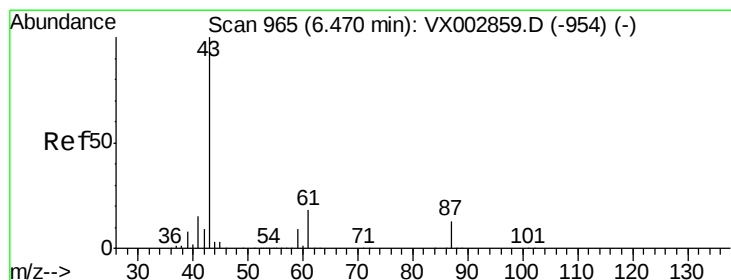
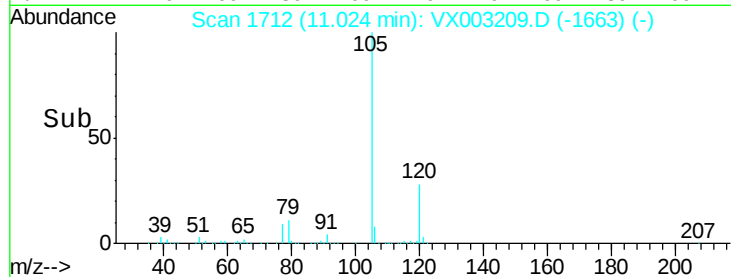
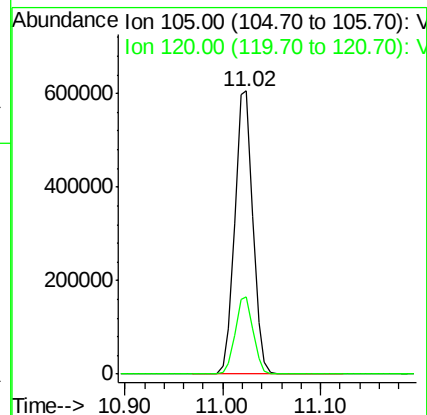
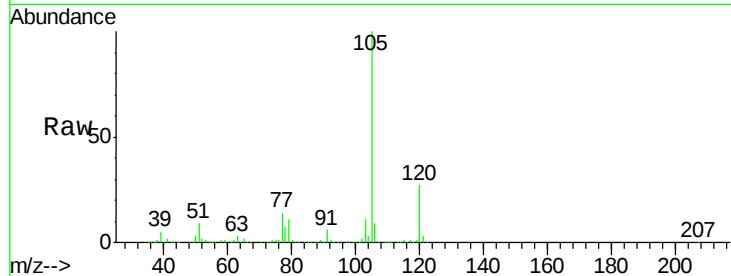
120 27.2 13.5 40.4

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#74

N-ethyl acetate

Concen: 47.440 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003209.D

Acq: 06 Jul 2018 10:59

Tgt Ion: 43 Resp: 346238

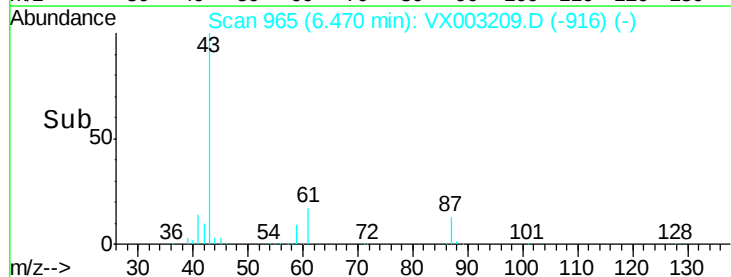
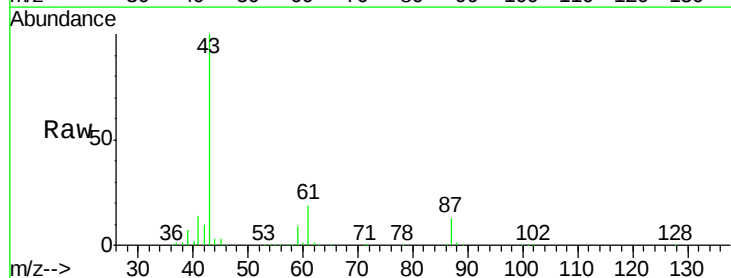
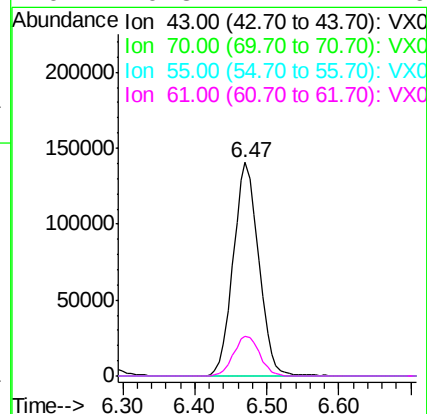
Ion Ratio Lower Upper

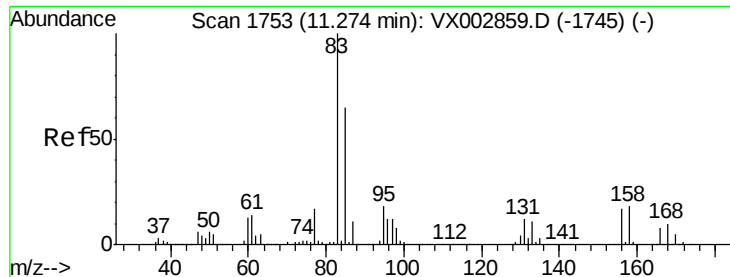
43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

61 19.3 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.414 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003209.D

Acq: 06 Jul 2018 10:59

Instrument :

MSVOA_X

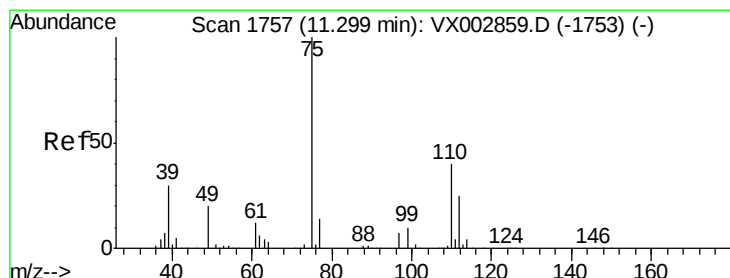
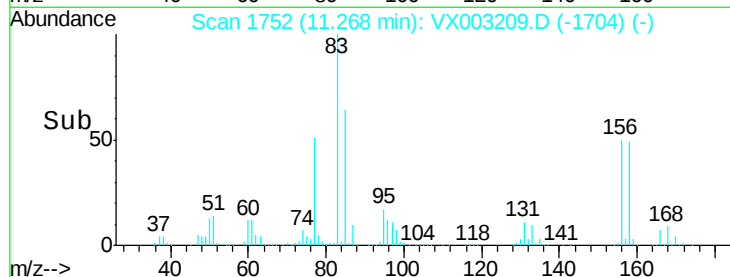
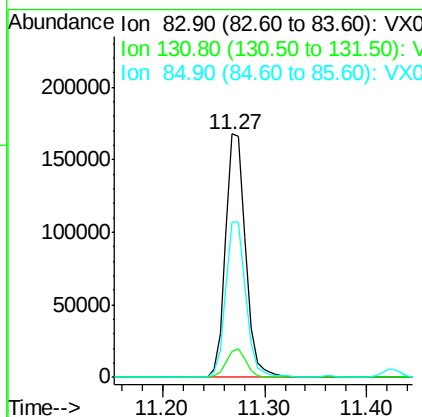
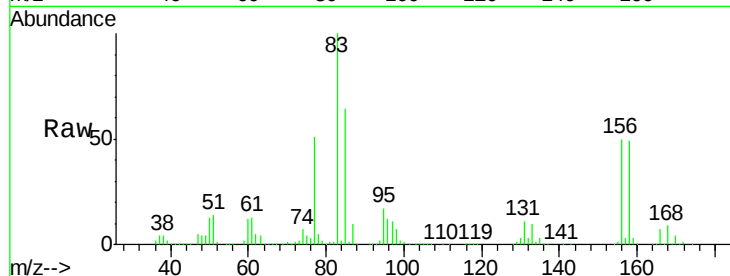
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	227051
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.6	16.8
85	64.3	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 50.870 ug/l m

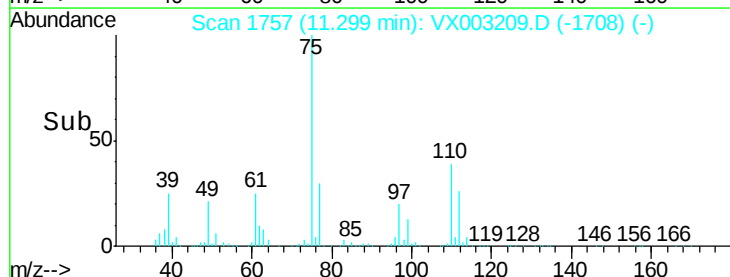
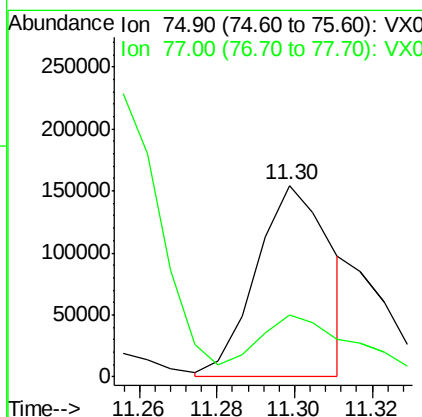
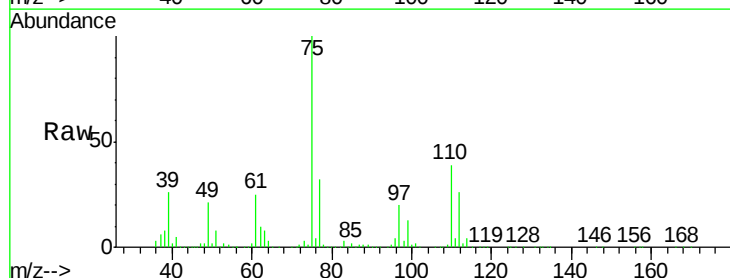
RT: 11.30 min Scan# 1757

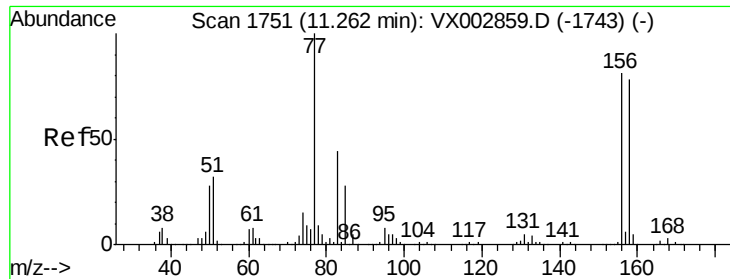
Delta R.T. -0.00 min

Lab File: VX003209.D

Acq: 06 Jul 2018 10:59

Tgt Ion:	75	Resp:	204312
Ion Ratio	Lower	Upper	
75	100		
77	42.3	22.8	68.3





#77

Bromobenzene

Concen: 50.671 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003209.D

Acq: 06 Jul 2018 10:59

Instrument :

MSVOA_X

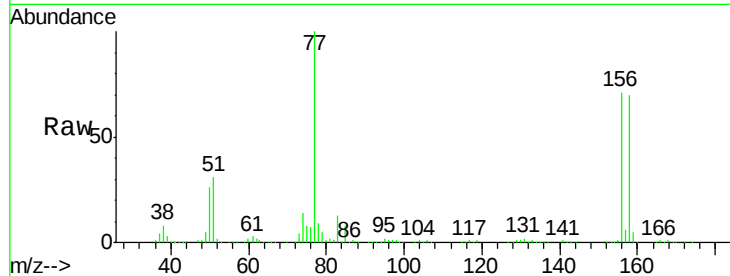
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	134.3	71.4	214.2
158	98.2	48.9	146.6

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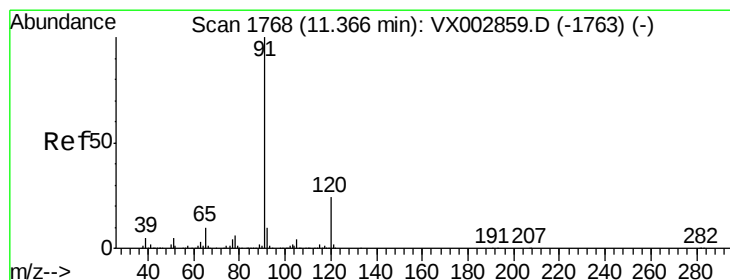
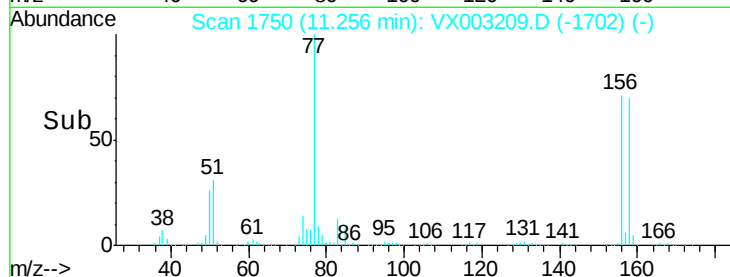
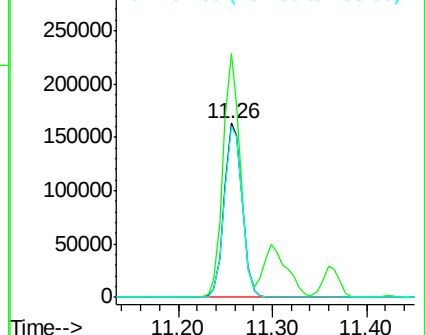


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.094 ug/l

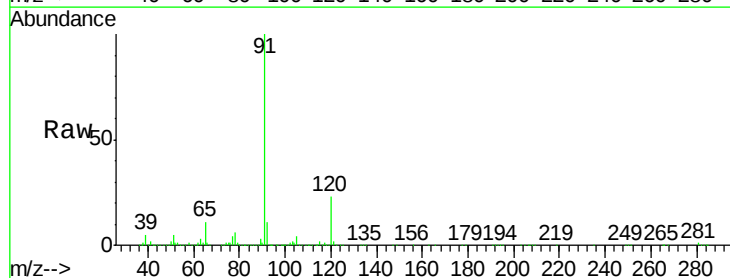
RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003209.D

Acq: 06 Jul 2018 10:59

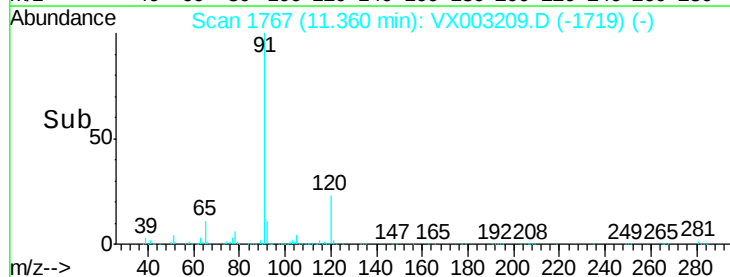
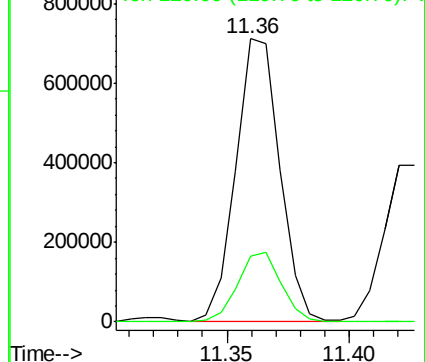
Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.3	11.8	35.4

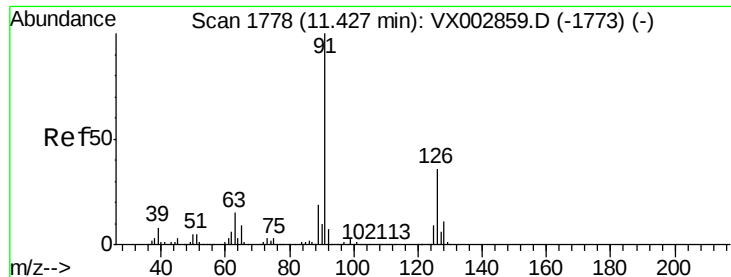


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.276 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX003209.D

Acq: 06 Jul 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 516811

Ion Ratio Lower Upper

91 100

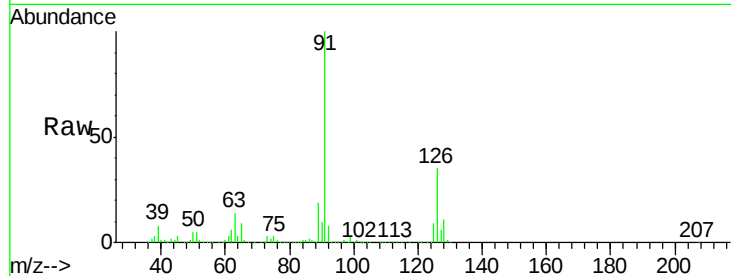
126 36.6 17.7 53.1

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Abundance Ion 91.00 (90.70 to 91.70): VX002859.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX002859.D (-1773) (-)

800000

600000

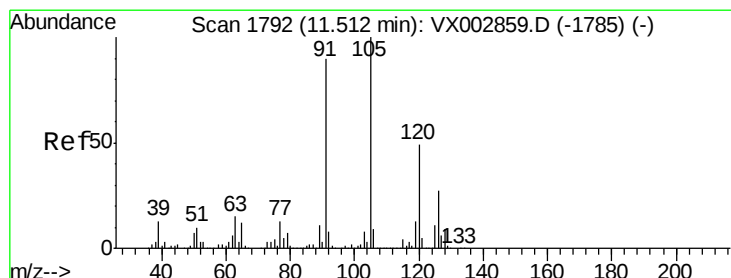
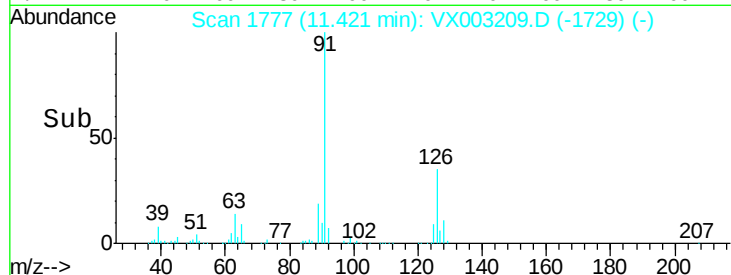
400000

200000

0

11.40 11.42 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 52.003 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX003209.D

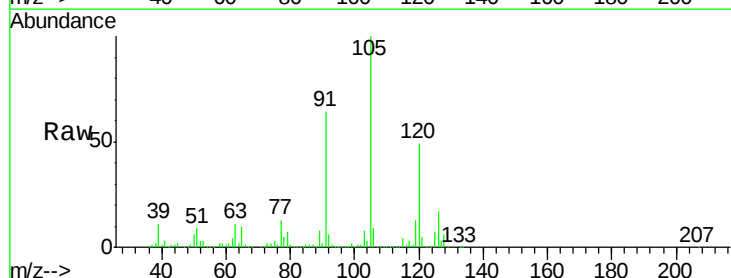
Acq: 06 Jul 2018 10:59

Tgt Ion: 105 Resp: 653332

Ion Ratio Lower Upper

105 100

120 49.6 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002859.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX002859.D (-1785) (-)

600000

500000

400000

300000

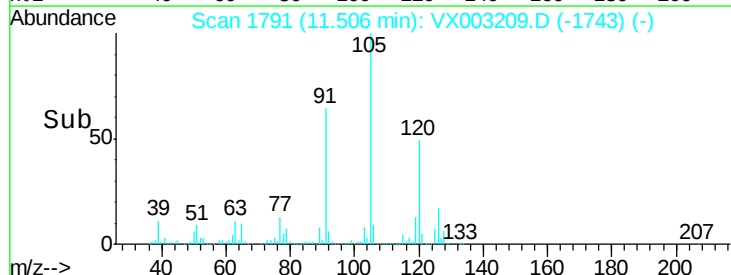
200000

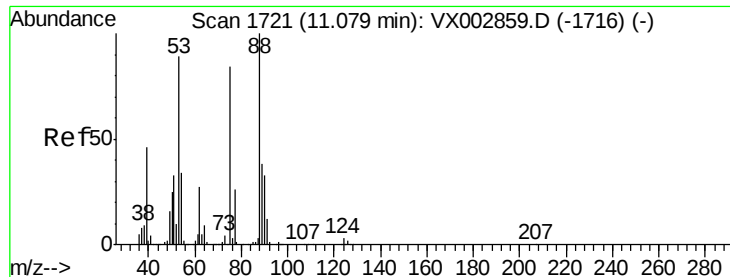
100000

0

11.40 11.50 11.60

Time-->





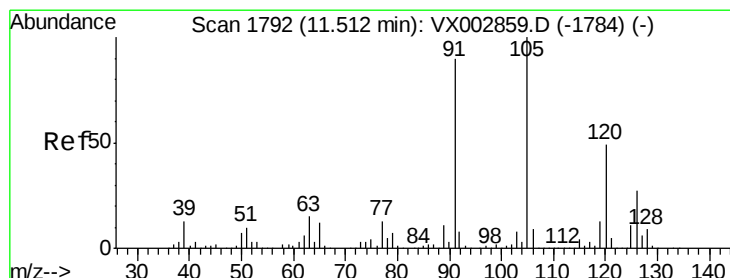
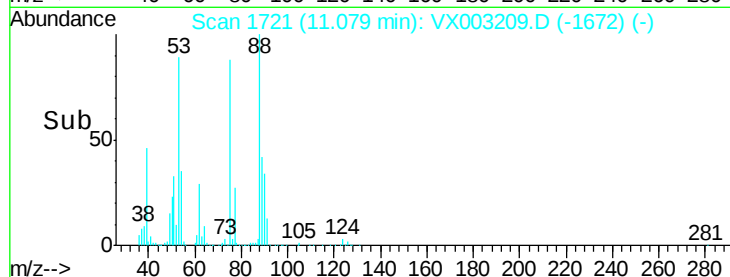
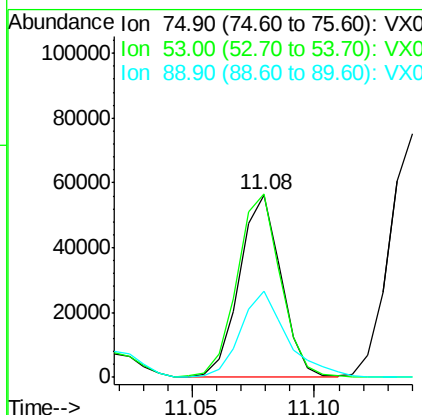
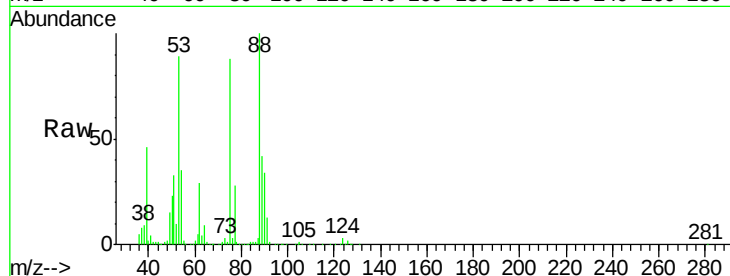
#81
trans-1,4-Dichloro-2-butene
Concen: 48.374 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003209.D
Acq: 06 Jul 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.3	86.8	130.2
89	53.2	38.2	57.2

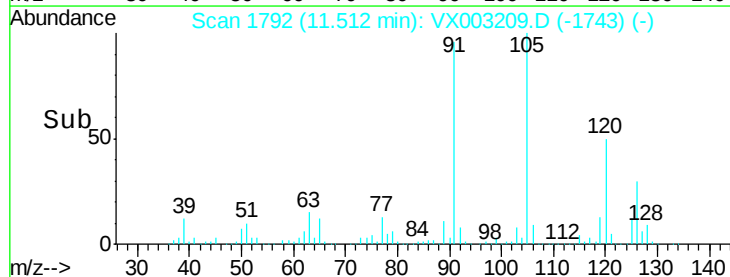
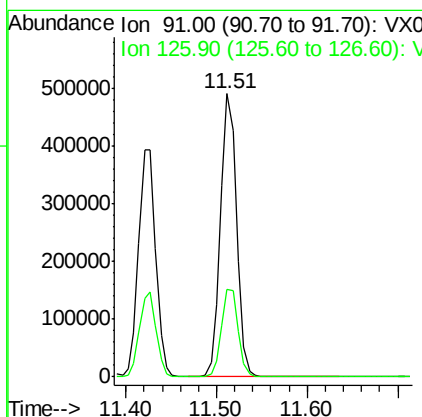
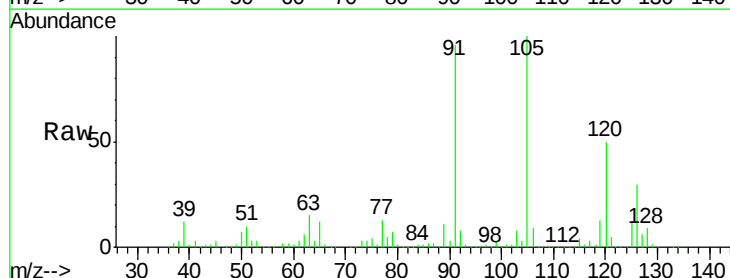
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#82
4-Chlorotoluene
Concen: 50.485 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX003209.D
Acq: 06 Jul 2018 10:59

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.6	15.4	46.4





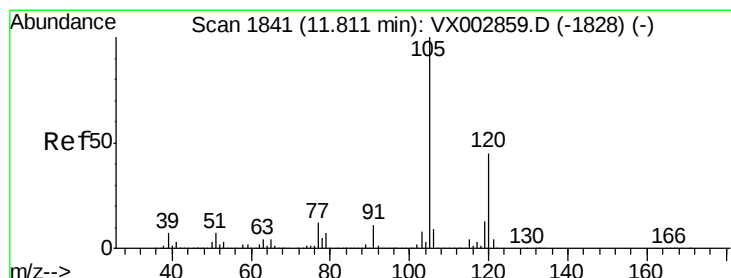
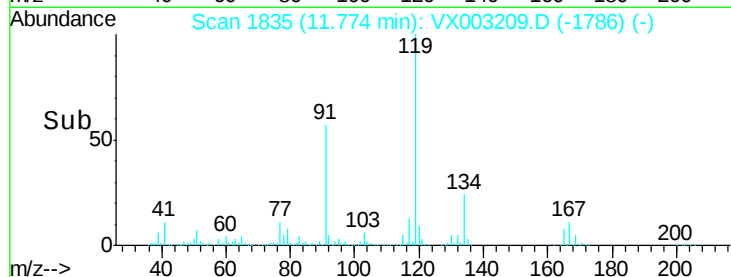
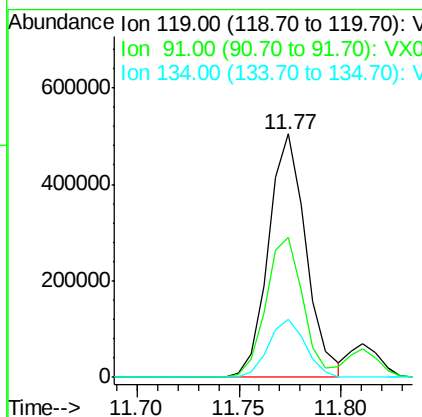
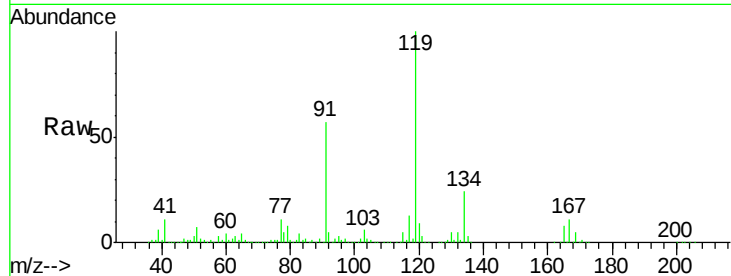
#83
tert-Butylbenzene
Concen: 52.250 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX003209.D
Acq: 06 Jul 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.1	30.3	90.9
134	23.6	11.7	35.1

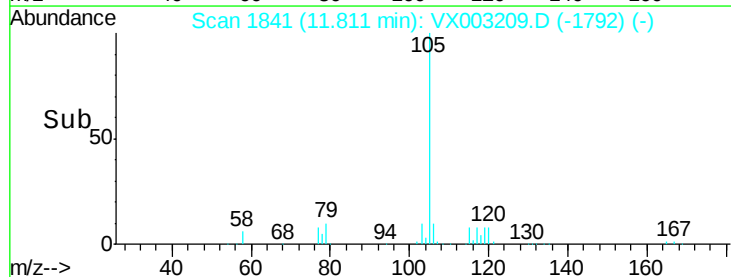
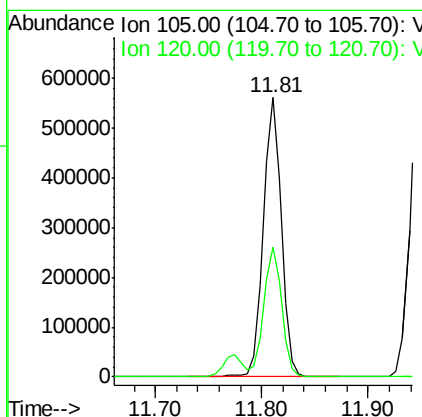
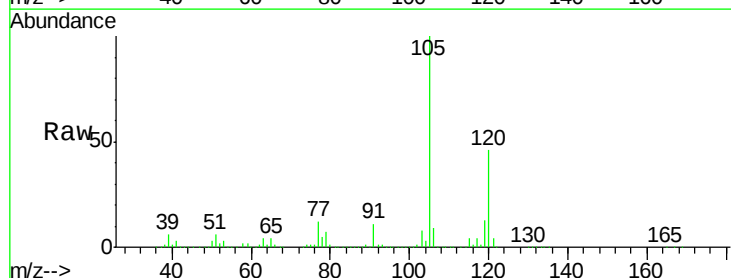
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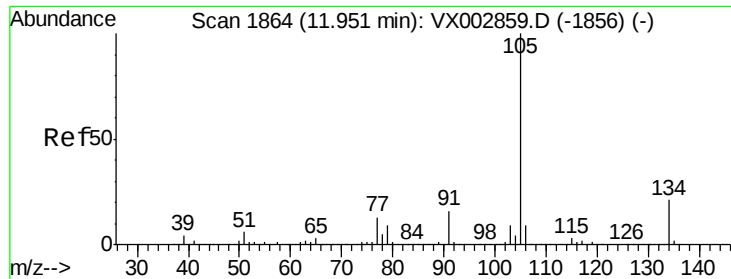
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#84
1,2,4-Trimethylbenzene
Concen: 51.312 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX003209.D
Acq: 06 Jul 2018 10:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	22.3	66.8





#85

sec-Butylbenzene

Concen: 52.069 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003209.D

Acq: 06 Jul 2018 10:59

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 782096

Ion Ratio Lower Upper

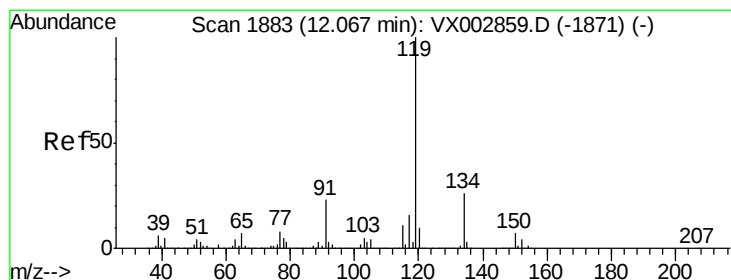
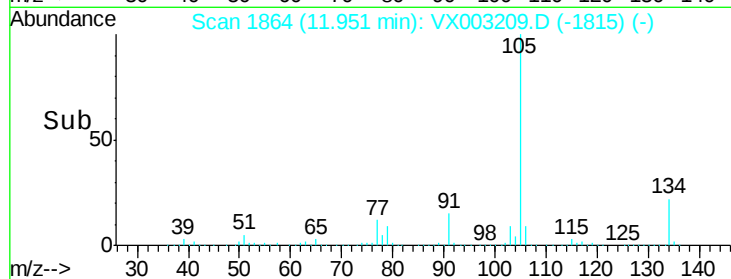
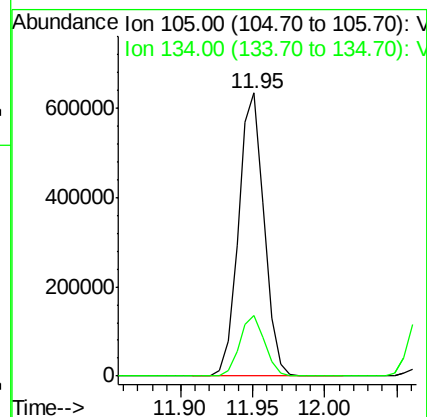
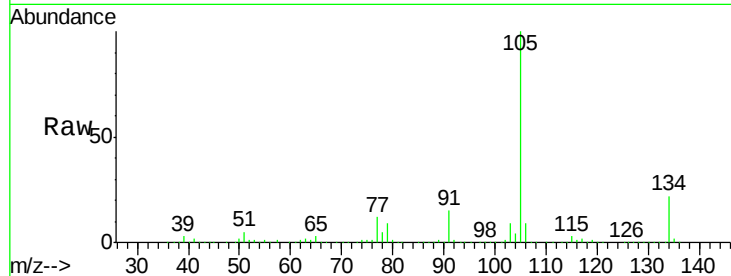
105 100

134 21.2 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 53.317 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003209.D

Acq: 06 Jul 2018 10:59

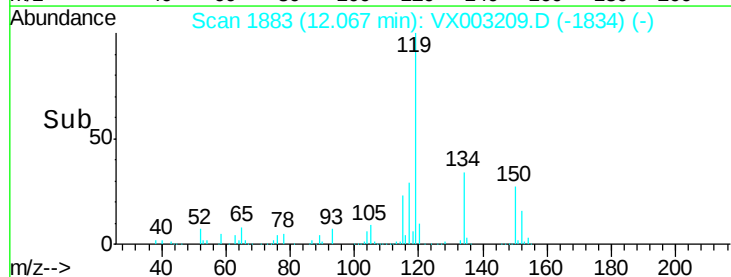
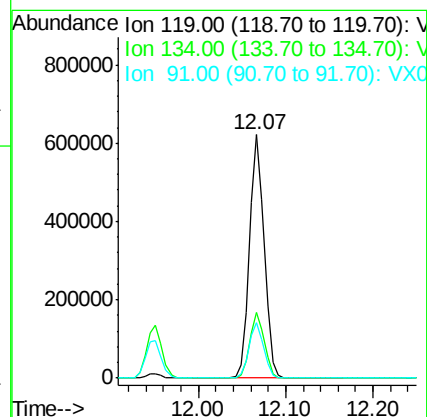
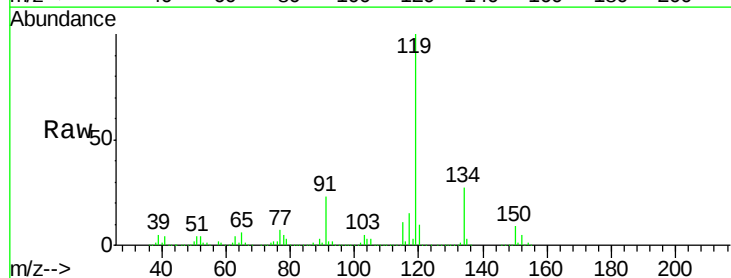
Tgt Ion:119 Resp: 720000

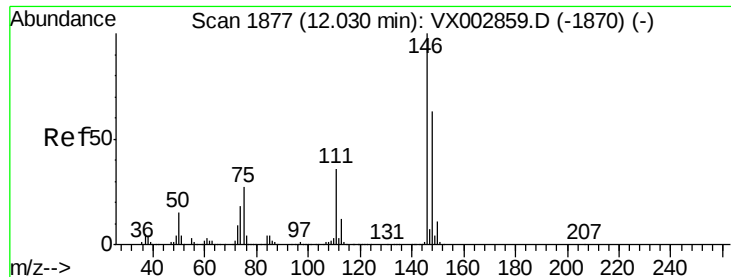
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 22.6 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 51.140 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003209.D

Acq: 06 Jul 2018 10:59

Instrument :

MSVOA_X

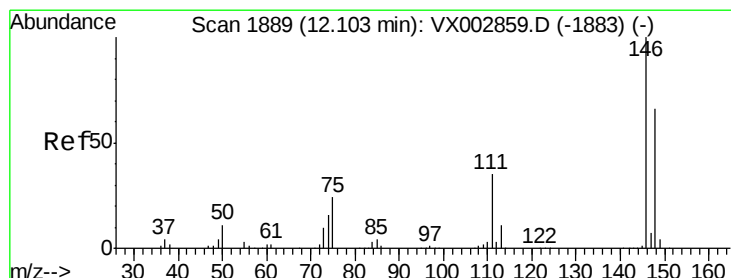
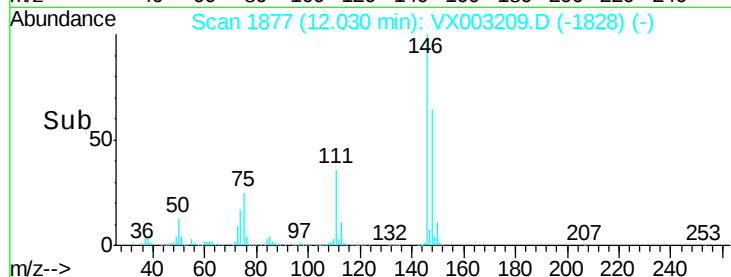
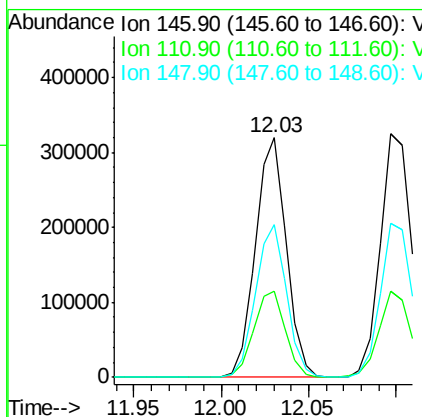
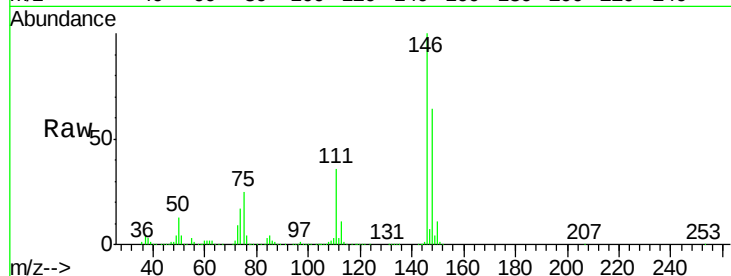
ClientSampled :

VSTDCCC050

Tot Ion:	146	Resp:	396757
Ion Ratio	Lower	Upper	
146	100		
111	37.1	18.9	56.7
148	63.8	32.1	96.3

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#88

1,4-Dichlorobenzene

Concen: 50.669 ug/l

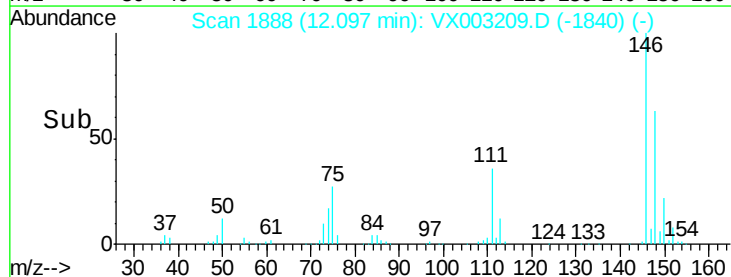
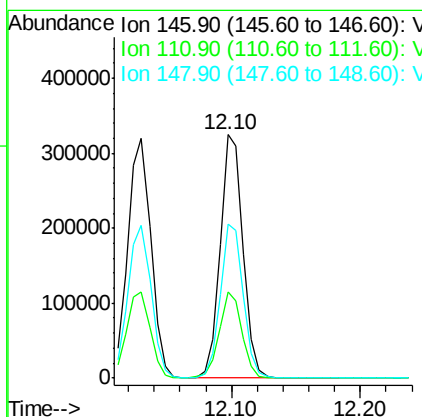
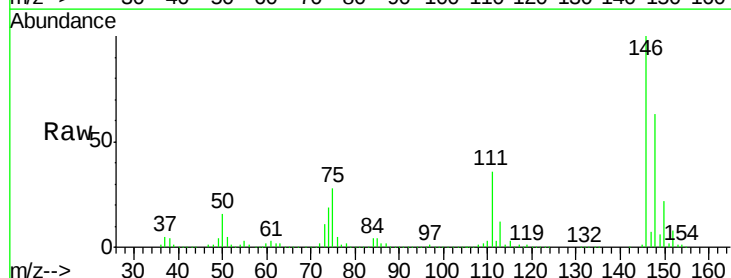
RT: 12.10 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VX003209.D

Acq: 06 Jul 2018 10:59

Tgt Ion:	146	Resp:	404539
Ion Ratio	Lower	Upper	
146	100		
111	35.2	18.7	56.1
148	63.5	32.4	97.0





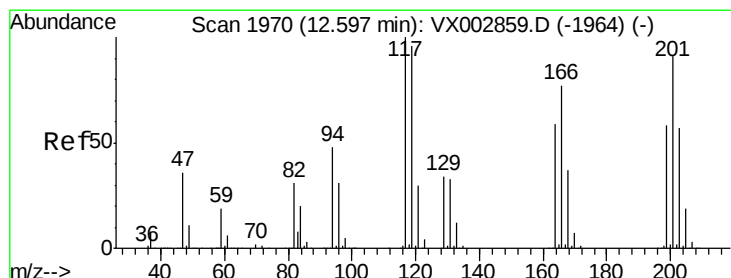
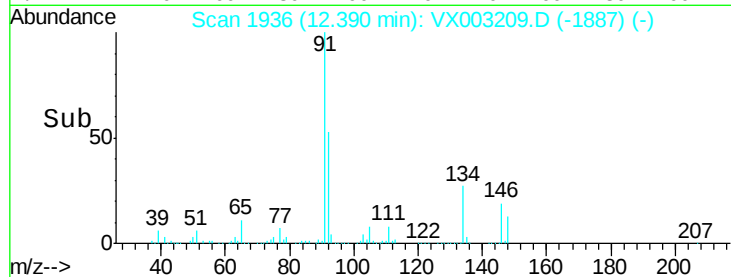
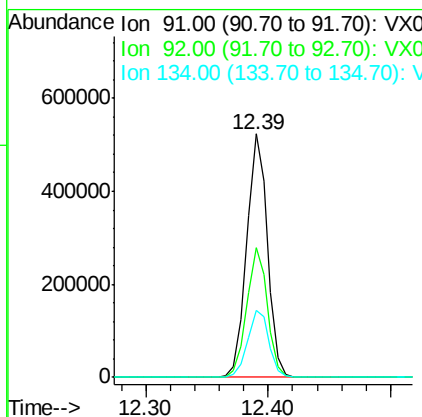
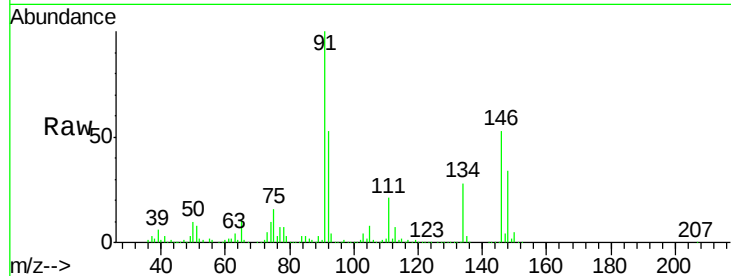
#89
n-Butylbenzene
Concen: 52.233 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003209.D
Acq: 06 Jul 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.0	78.0
134	28.4	13.5	40.5

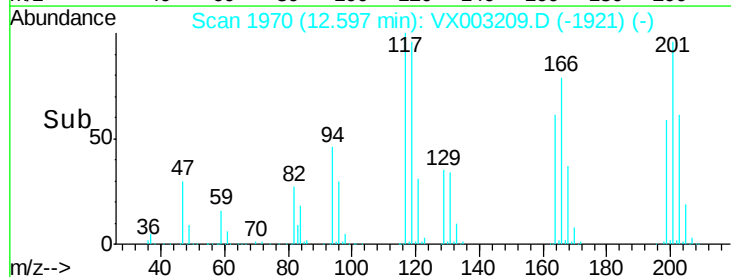
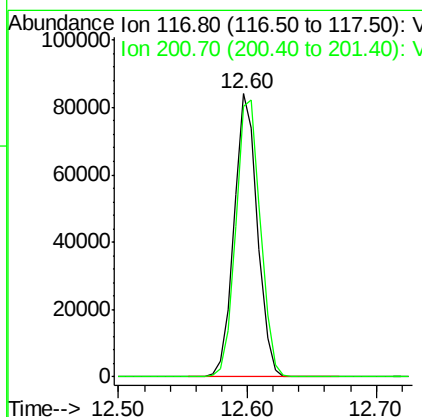
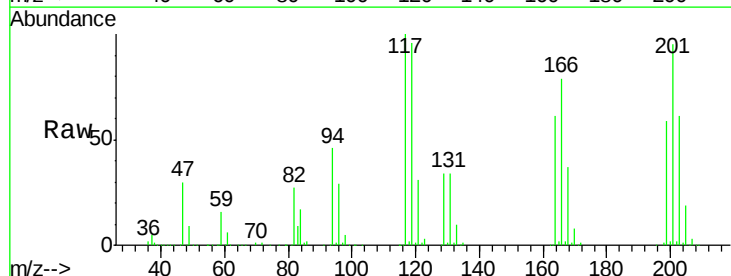
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#90
Hexachloroethane
Concen: 52.766 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003209.D
Acq: 06 Jul 2018 10:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	102.6	49.0	147.0





#91

1,2-Dichlorobenzene

Concen: 50.396 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX003209.D

Acq: 06 Jul 2018 10:59

Instrument :

MSVOA_X

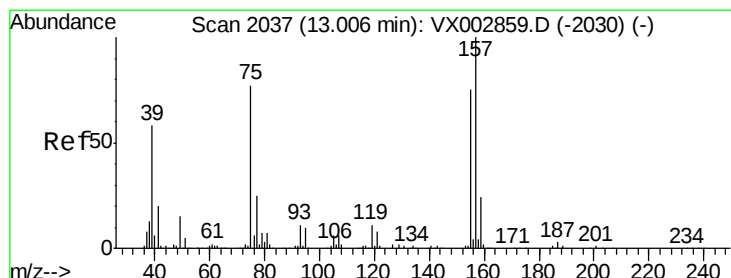
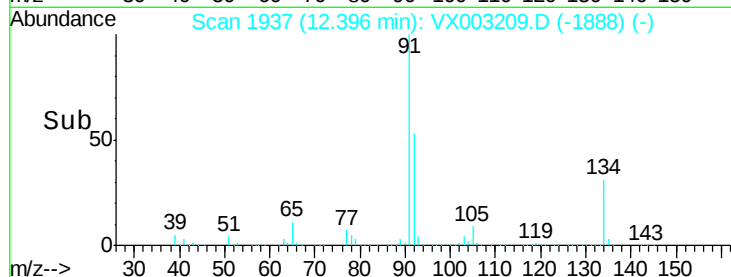
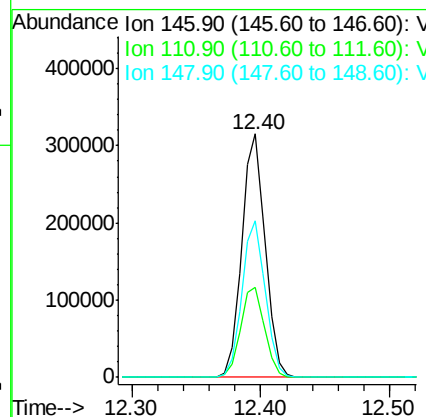
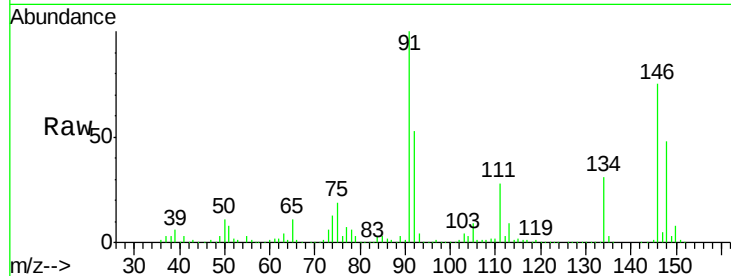
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	394621
Ion Ratio	Lower	Upper	
146	100		
111	38.2	19.4	58.1
148	64.5	31.7	95.1

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#92

1,2-Dibromo-3-Chloropropane

Concen: 48.859 ug/l

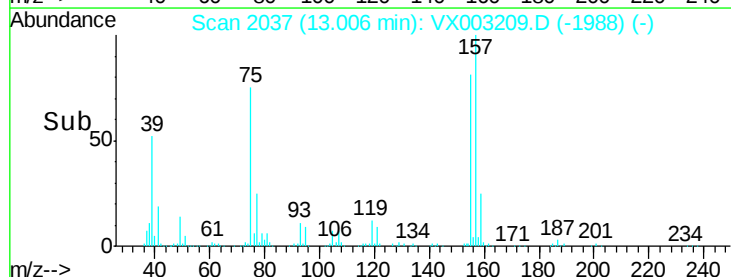
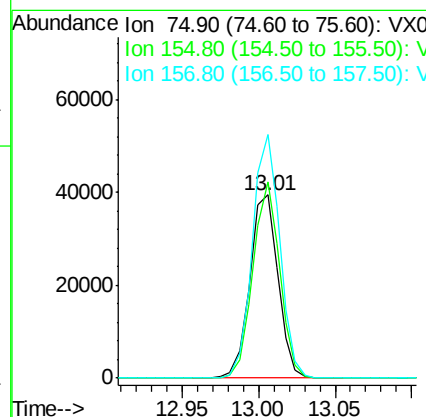
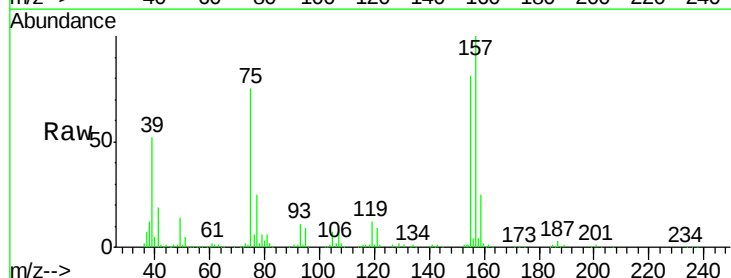
RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX003209.D

Acq: 06 Jul 2018 10:59

Tgt Ion:	75	Resp:	50468
Ion Ratio	Lower	Upper	
75	100		
155	101.3	45.8	137.4
157	128.8	60.1	180.3





#93

1,2,4-Trichlorobenzene

Concen: 53.714 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX003209.D

Acq: 06 Jul 2018 10:59

Instrument :

MSVOA_X

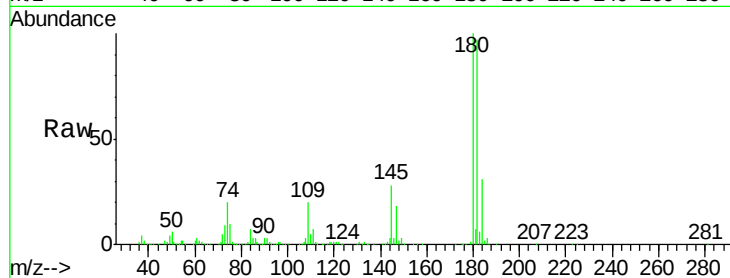
ClientSampleId :

VSTDCCC050

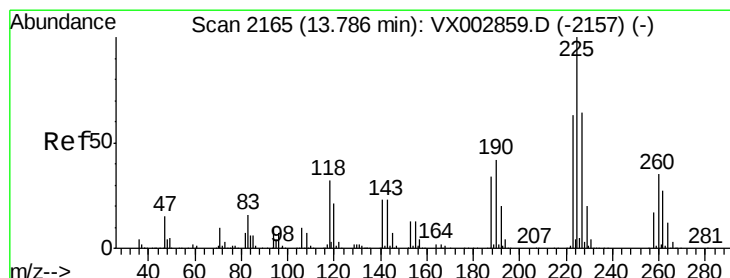
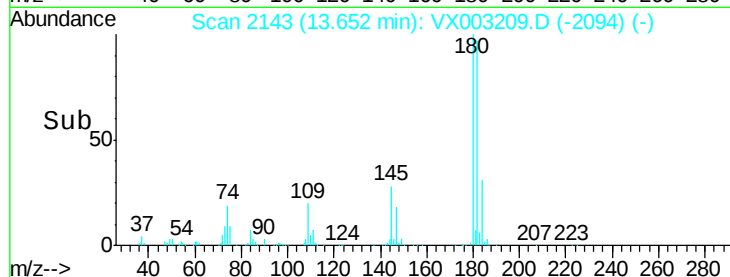
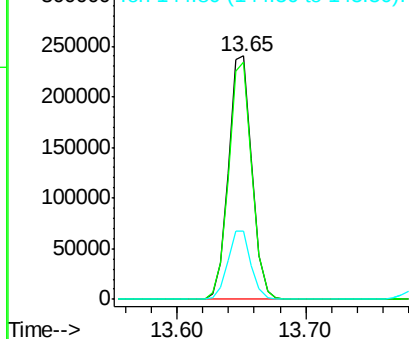
Tot Ion:	180	Resp:	306105
Ion Ratio	Lower	Upper	
180	100		
182	96.6	47.7	143.1
145	28.0	14.1	42.4

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



#94

Hexachlorobutadiene

Concen: 56.667 ug/l

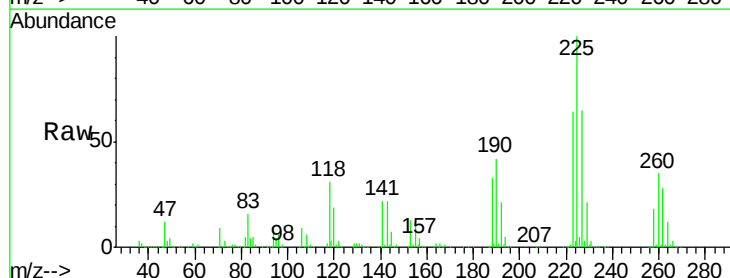
RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

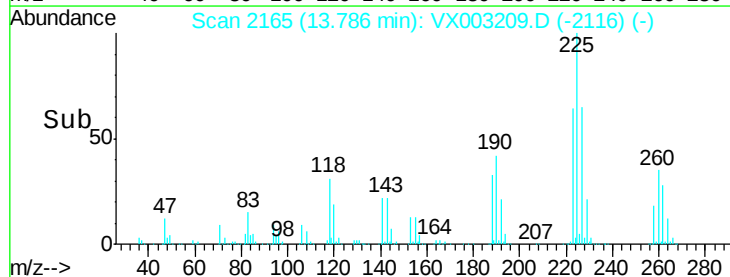
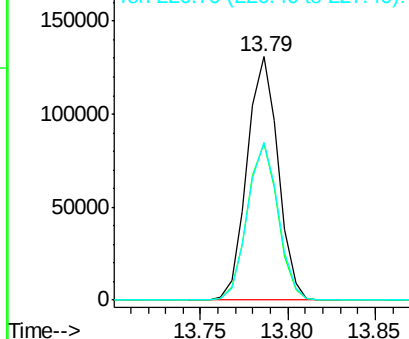
Lab File: VX003209.D

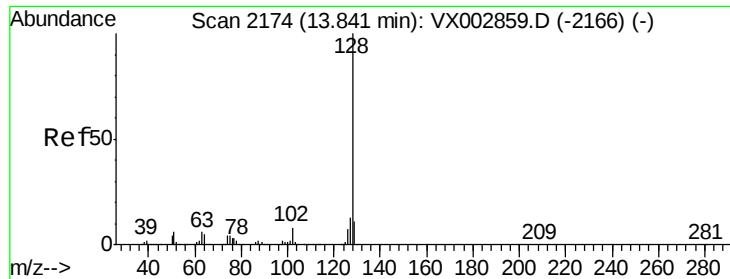
Acq: 06 Jul 2018 10:59

Tgt Ion:	225	Resp:	161066
Ion Ratio	Lower	Upper	
225	100		
223	63.6	31.6	95.0
227	64.2	32.4	97.2



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





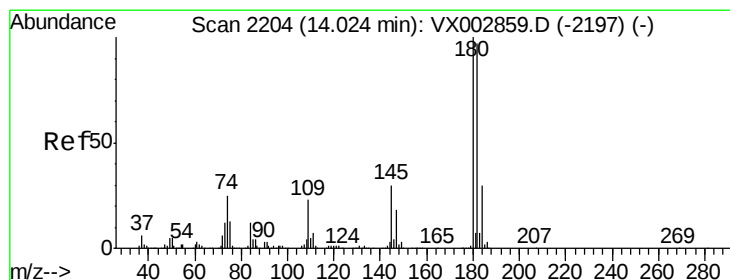
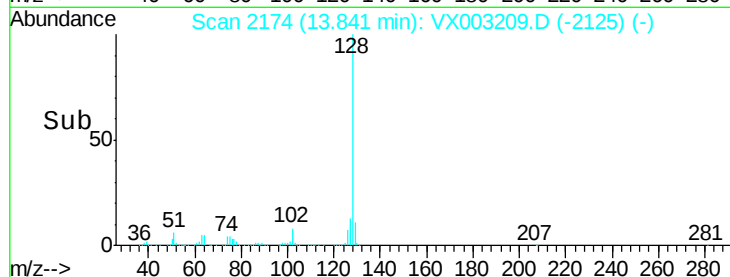
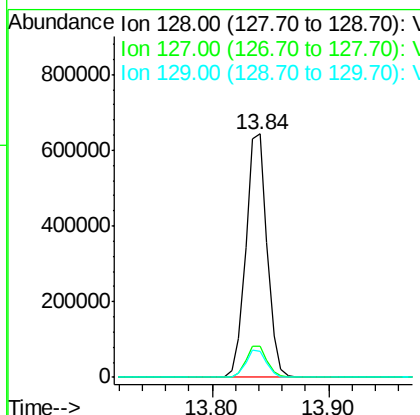
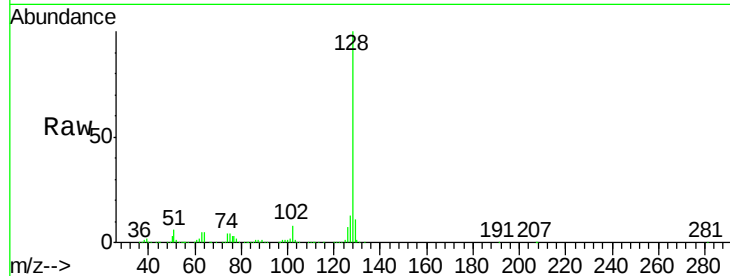
#95
Naphthalene
Concen: 53.835 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX003209.D
Acq: 06 Jul 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
7/9/2018 12:56:51 PM



#96
1,2,3-Trichlorobenzene
Concen: 53.710 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX003209.D
Acq: 06 Jul 2018 10:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.0	144.0
145	29.0	14.8	44.3

