

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032218\
 Data File : VX000420.D
 Acq On : 22 Mar 2018 21:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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sam
 3/23/2018 1:53:12 PM

Quant Time: Mar 23 07:16:36 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	105206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	173319	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	178577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	104212	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	76560	55.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.50%	
35) Dibromofluoromethane	5.51	113	59561	54.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.08%	
50) Toluene-d8	8.73	98	243319	53.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.60%	
62) 4-Bromofluorobenzene	11.15	95	92834	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	53445	46.09	ug/l	98
3) Chloromethane	1.32	50	45089	36.91	ug/l	95
4) Vinyl Chloride	1.41	62	68801	53.31	ug/l	100
5) Bromomethane	1.64	94	70915	45.90	ug/l	99
6) Chloroethane	1.72	64	45455	58.10	ug/l	98
7) Trichlorofluoromethane	1.93	101	123925	53.20	ug/l	100
8) Diethyl Ether	2.20	74	45053	54.12	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	70333	54.14	ug/l	98
10) Methyl Iodide	2.51	142	27882	24.09	ug/l	99
11) Tert butyl alcohol	3.08	59	131260	277.87	ug/l	99
12) 1,1-Dichloroethene	2.37	96	63579	55.75	ug/l	96
13) Acrolein	2.30	56	30534	205.22	ug/l	99
14) Allyl chloride	2.73	41	116483	57.85	ug/l	98
15) Acrylonitrile	3.16	53	260387	272.16	ug/l	100
16) Acetone	2.45	43	280363	245.41	ug/l	97
17) Carbon Disulfide	2.57	76	158729	52.33	ug/l	98
18) Methyl Acetate	2.79	43	136807	57.12	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	234860	55.69	ug/l	99
20) Methylene Chloride	2.86	84	70932	53.76	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	67065	52.72	ug/l	96
22) Diisopropyl ether	3.89	45	173079	48.55	ug/l	97
23) Vinyl Acetate	3.84	43	823296	243.62	ug/l	100
24) 1,1-Dichloroethane	3.70	63	123241	54.99	ug/l	99
25) 2-Butanone	4.72	43	325304	253.33	ug/l	99
26) 2,2-Dichloropropane	4.59	77	77529	49.35	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	60242	50.67	ug/l	98
28) Bromochloromethane	5.03	49	48589	52.57	ug/l	97
29) Tetrahydrofuran	5.18	42	206317	261.14	ug/l	99
30) Chloroform	5.23	83	112905	53.75	ug/l	96
31) Cyclohexane	5.59	56	85142	49.14	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	99279	52.39	ug/l	99
36) 1,1-Dichloropropene	5.81	75	78827	48.55	ug/l	98
37) Ethyl Acetate	4.88	43	111481	50.27	ug/l	99
38) Carbon Tetrachloride	5.79	117	85975	50.48	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	96133	48.69	ug/l	97
40) Benzene	6.15	78	243034	51.55	ug/l	99
41) Methacrylonitrile	5.07	41	57810	49.45	ug/l	98
42) 1,2-Dichloroethane	6.21	62	95956	51.87	ug/l	99
43) Isopropyl Acetate	6.48	43	174287	52.80	ug/l	98
44) Trichloroethene	7.23	130	67090	49.67	ug/l	98
45) 1,2-Dichloropropane	7.52	63	65522	54.29	ug/l	98
46) Dibromomethane	7.67	93	50128	52.92	ug/l	98
47) Bromodichloromethane	7.91	83	89392	53.64	ug/l	98
48) Methyl methacrylate	7.79	41	86234	53.81	ug/l	99
49) 1,4-Dioxane	7.77	88	37323	1107.94	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	695664	272.26	ug/l	100
52) Toluene	8.79	92	172438	52.32	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	102190	52.91	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	99788	53.27	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	73211	54.01	ug/l	98
56) Ethyl methacrylate	9.19	69	111312	54.20	ug/l	100
57) 1,3-Dichloropropane	9.38	76	115759	53.40	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	261154	264.93	ug/l	98
59) 2-Hexanone	9.51	43	578583	266.68	ug/l	99
60) Dibromochloromethane	9.59	129	76628	47.96	ug/l	97
61) 1,2-Dibromoethane	9.68	107	78101	53.73	ug/l	99
64) Tetrachloroethene	9.34	164	62373	45.01	ug/l	96
65) Chlorobenzene	10.15	112	194138	48.85	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	70043	51.89	ug/l	98
67) Ethyl Benzene	10.26	91	339862	50.45	ug/l	99
68) m/p-Xylenes	10.37	106	271044	102.24	ug/l	97
69) o-Xylene	10.71	106	130305	50.77	ug/l	100
70) Styrene	10.72	104	216535	50.98	ug/l	98
71) Bromoform	10.87	173	60905	43.94	ug/l #	97
73) Isopropylbenzene	11.02	105	350694	50.79	ug/l	100
74) N-amyl acetate	6.48	43	174287	58.47	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	131364	53.79	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	112476m	50.22	ug/l	
77) Bromobenzene	11.26	156	89285	48.54	ug/l	99
78) n-propylbenzene	11.37	91	411449	49.98	ug/l	100
79) 2-Chlorotoluene	11.43	91	236958	49.82	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	303609	52.29	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	33469	48.38	ug/l	97
82) 4-Chlorotoluene	11.52	91	290328	51.12	ug/l	100
83) tert-Butylbenzene	11.78	119	304752	52.05	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	310409	51.00	ug/l	99
85) sec-Butylbenzene	11.96	105	376946	52.03	ug/l	98
86) p-Isopropyltoluene	12.07	119	332007	51.60	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	169505	48.74	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	176909	48.45	ug/l	98
89) n-Butylbenzene	12.40	91	303240	50.62	ug/l	98
90) Hexachloroethane	12.60	117	54924	54.23	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	173349	50.84	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	36056	52.94	ug/l	96

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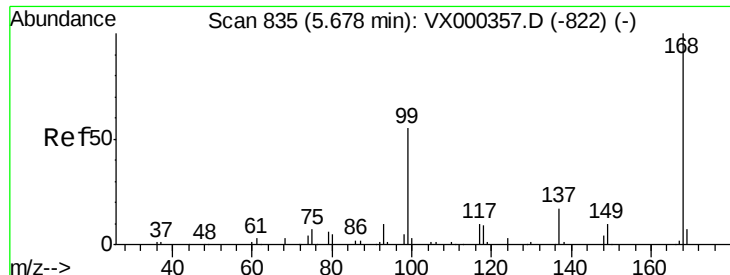
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	115411	47.21	ug/l	100
94) Hexachlorobutadiene	13.79	225	50639	50.03	ug/l	99
95) Naphthalene	13.84	128	443676	52.10	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	121048	50.12	ug/l	99

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



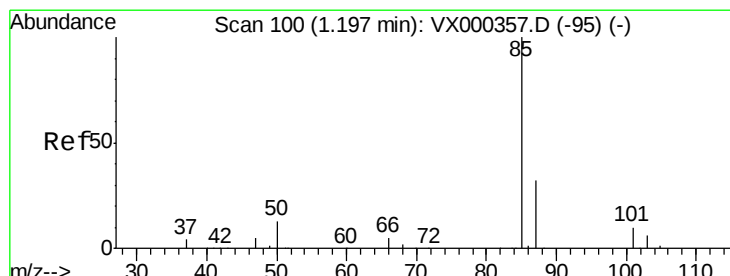
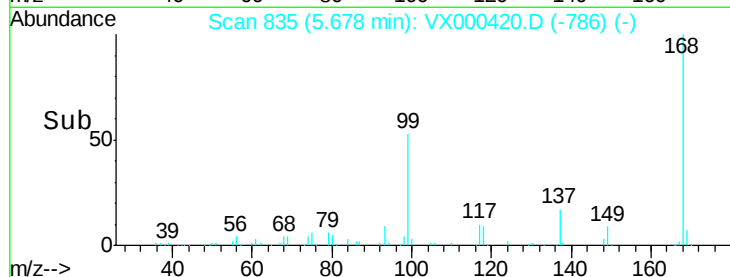
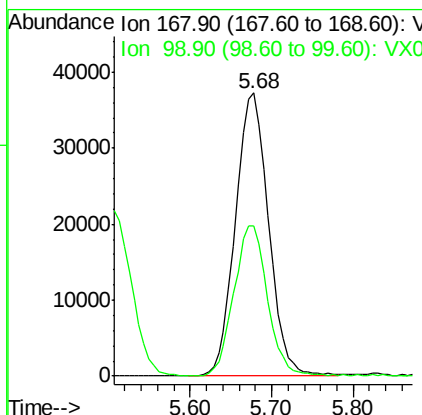
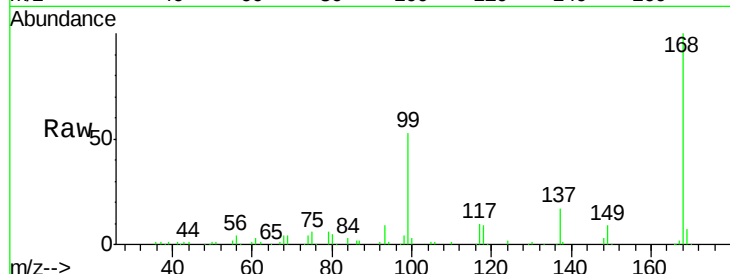
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.00 min
Lab File: VX000420.D
Acq: 22 Mar 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	52.8	45.8	68.6

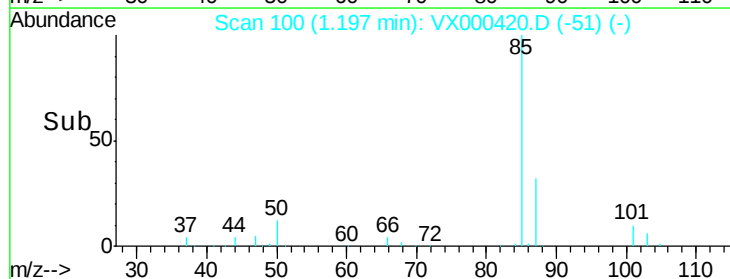
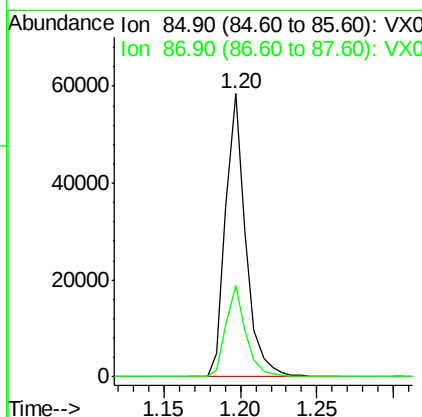
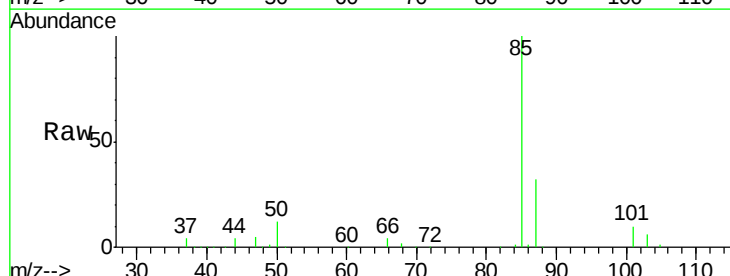
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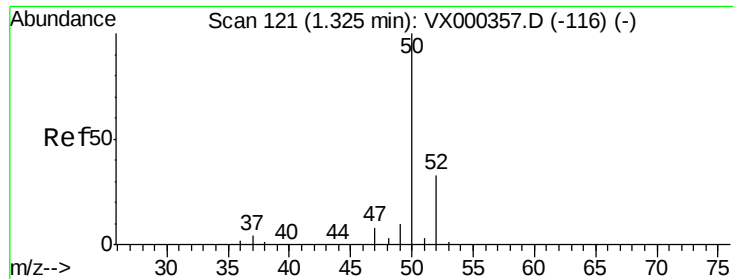
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#2
Dichlorodifluoromethane
Concen: 46.09 ug/l
RT: 1.20 min Scan# 100
Delta R.T. -0.00 min
Lab File: VX000420.D
Acq: 22 Mar 2018 21:10

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.8	50.3





#3

Chloromethane

Concen: 36.91 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000420.D

Acq: 22 Mar 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 45089

Ion Ratio Lower Upper

50 100

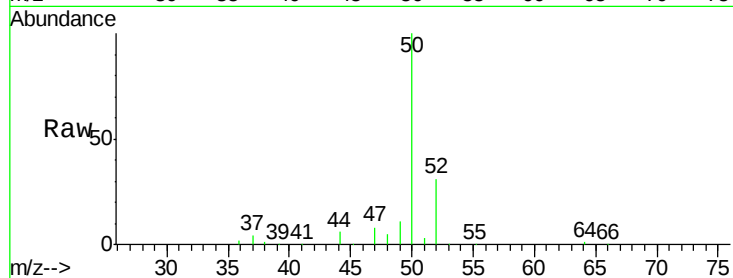
52 31.4 27.5 41.3

Manual Integrations

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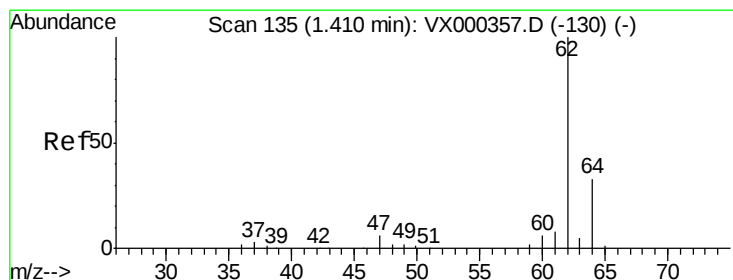
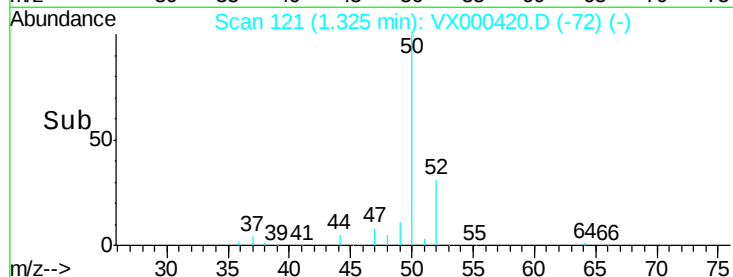
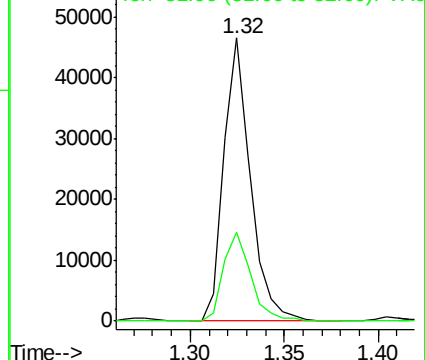
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 53.31 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000420.D

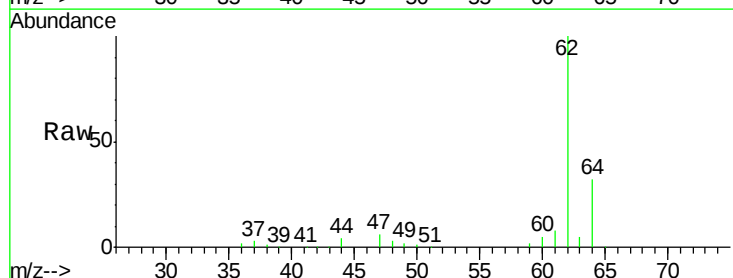
Acq: 22 Mar 2018 21:10

Tgt Ion: 62 Resp: 68801

Ion Ratio Lower Upper

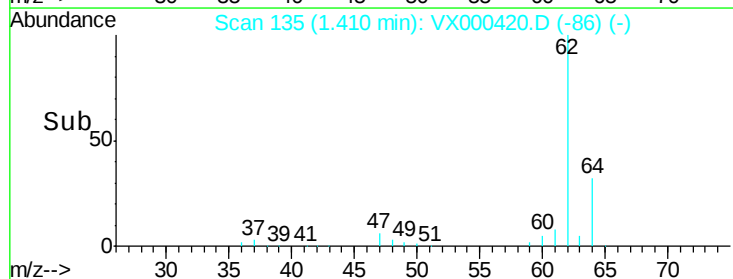
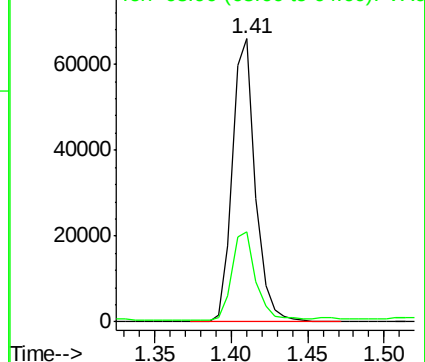
62 100

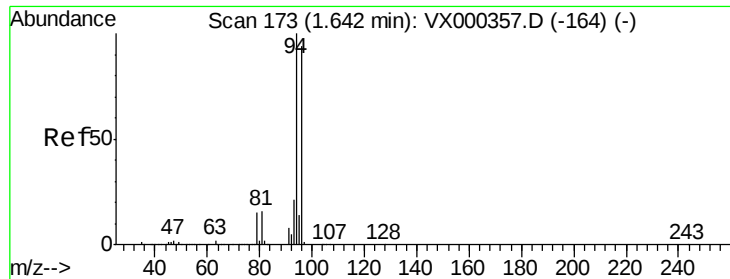
64 31.1 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 45.90 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000420.D

Acq: 22 Mar 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 70915

Ion Ratio Lower Upper

94 100

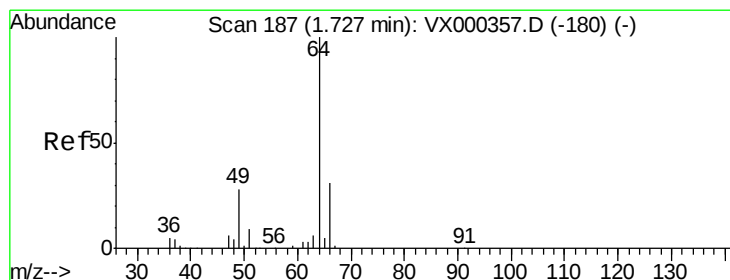
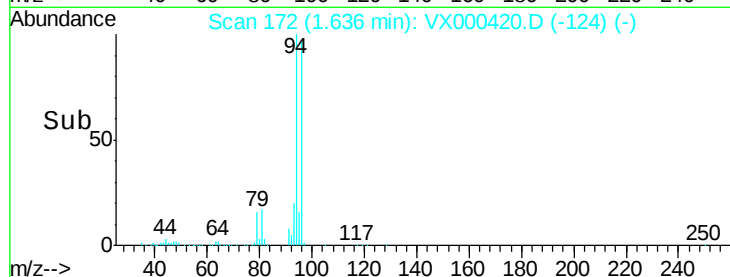
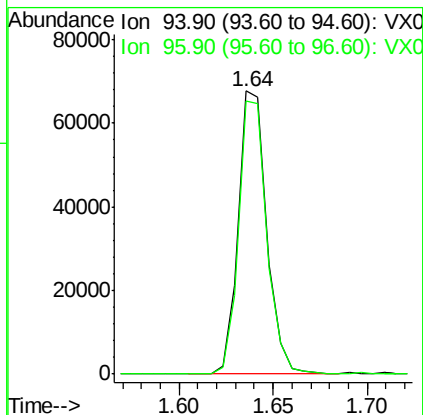
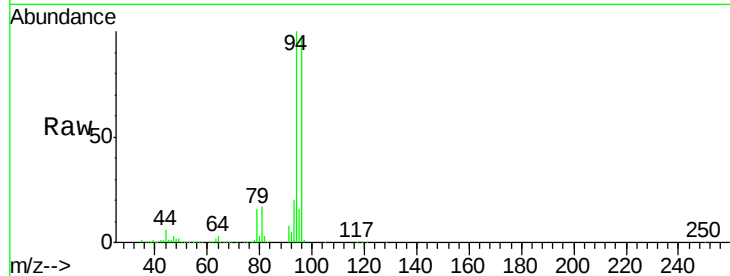
96 96.6 77.7 116.5

Manual Integrations

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#6

Chloroethane

Concen: 58.10 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX000420.D

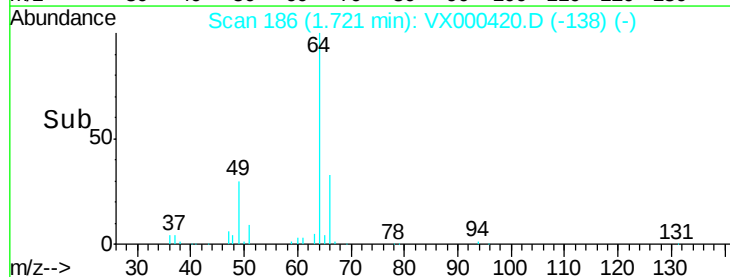
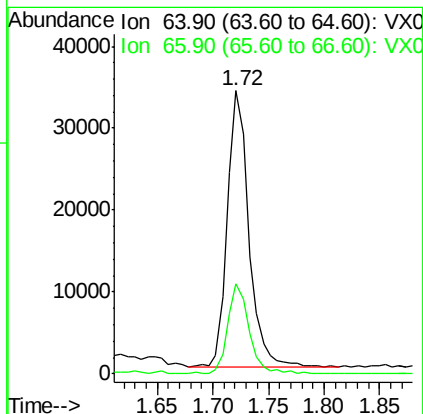
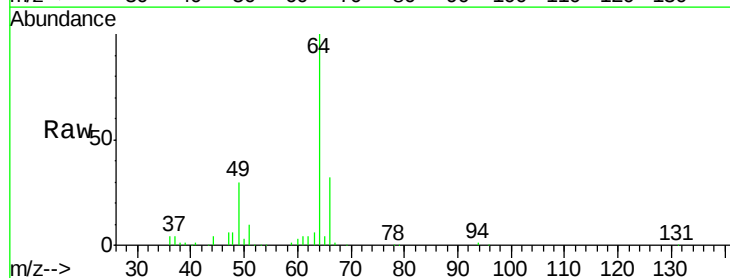
Acq: 22 Mar 2018 21:10

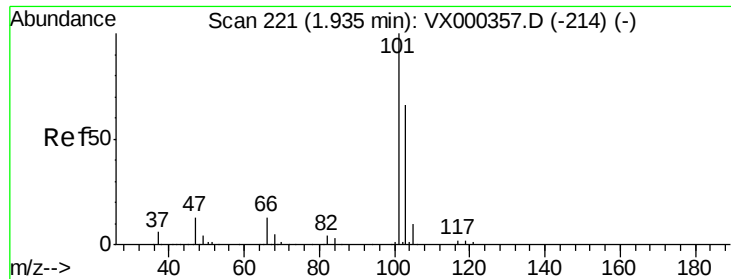
Tgt Ion: 64 Resp: 45455

Ion Ratio Lower Upper

64 100

66 32.2 24.8 37.2





#7

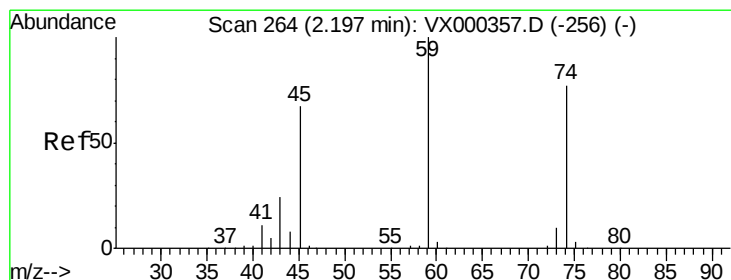
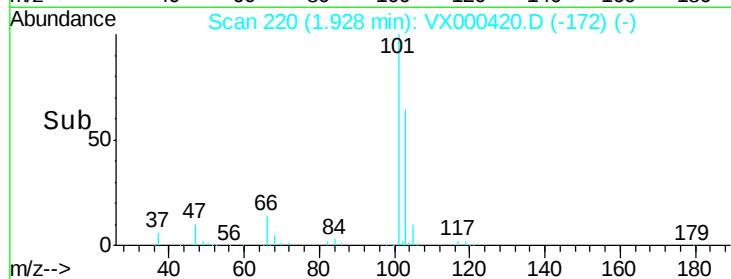
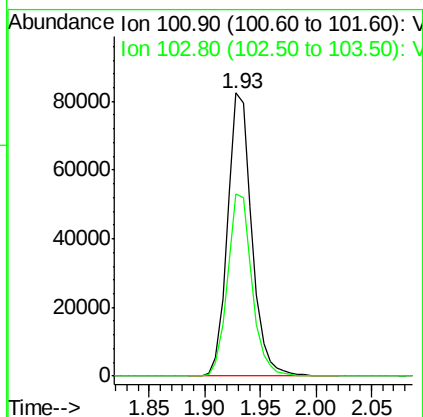
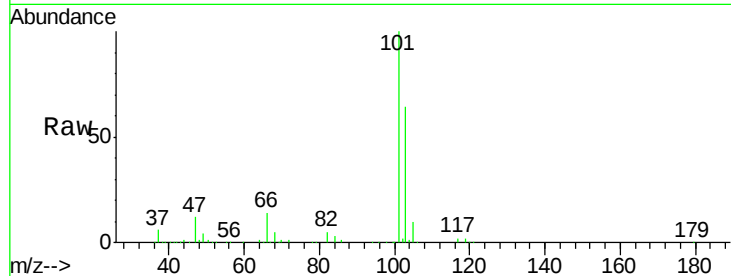
Trichlorofluoromethane
 Concen: 53.20 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VX000420.D
 Acq: 22 Mar 2018 21:10

Instrument :
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 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.6	77.4

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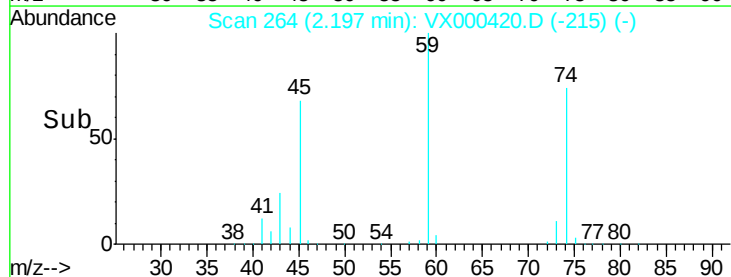
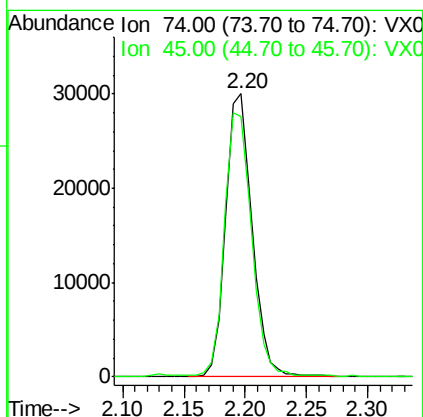
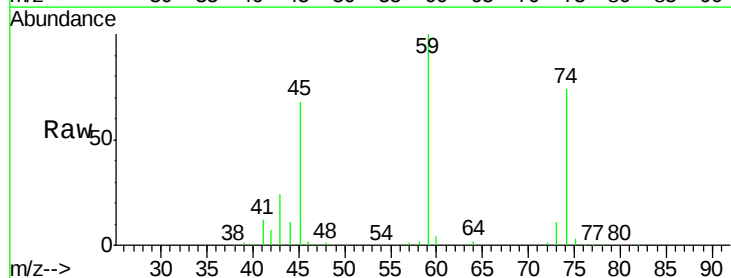
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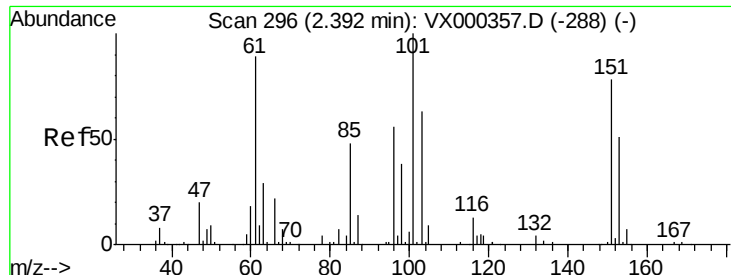


#8

Diethyl Ether
 Concen: 54.12 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. -0.00 min
 Lab File: VX000420.D
 Acq: 22 Mar 2018 21:10

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.9	45.1	135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.14 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000420.D

Acq: 22 Mar 2018 21:10

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MSVOA_X

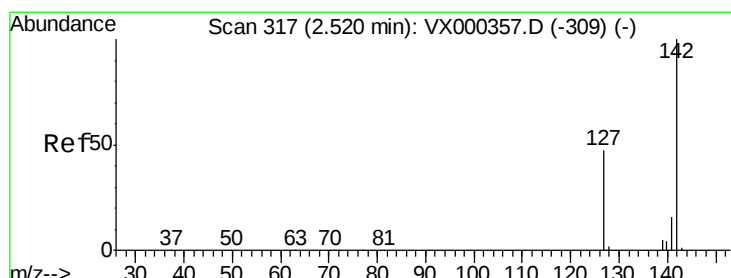
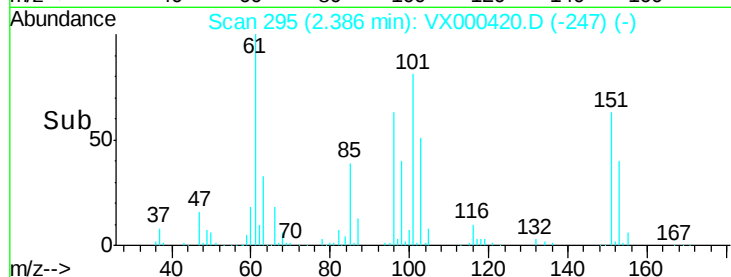
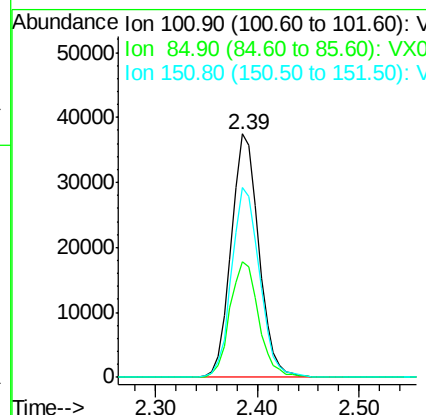
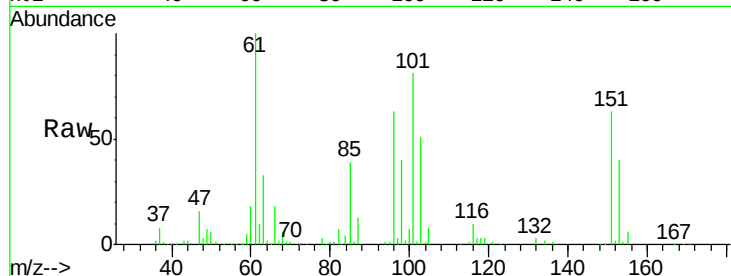
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	70333
Ion Ratio	Lower	Upper	
101	100		
85	49.0	37.6	56.4
151	78.8	62.6	93.8

Manual Integrations
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#10

Methyl Iodide

Concen: 24.09 ug/l

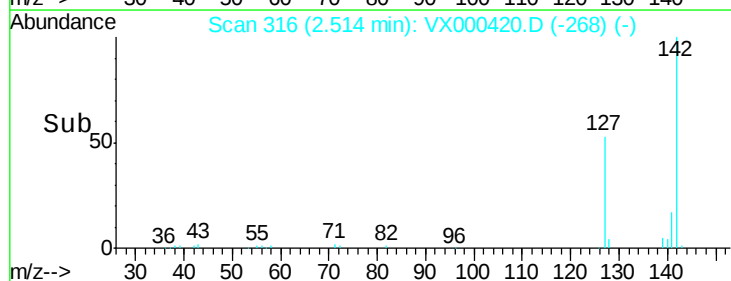
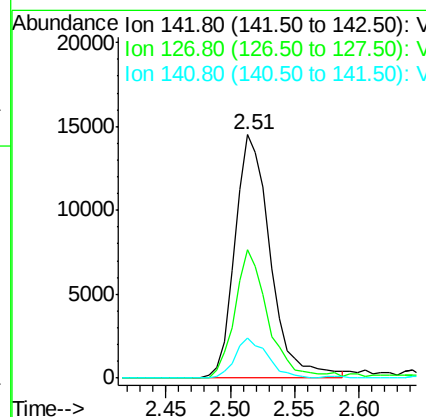
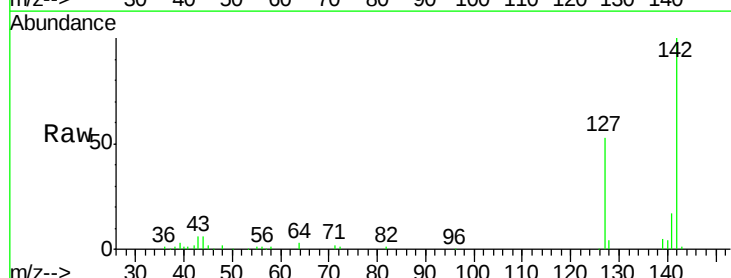
RT: 2.51 min Scan# 316

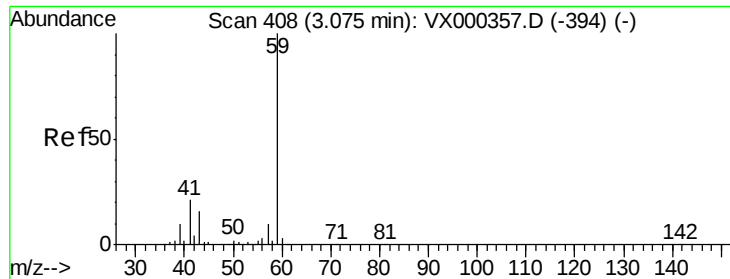
Delta R.T. -0.01 min

Lab File: VX000420.D

Acq: 22 Mar 2018 21:10

Tgt Ion:	142	Resp:	27882
Ion Ratio	Lower	Upper	
142	100		
127	49.7	39.2	58.8
141	15.1	11.7	17.5





#11

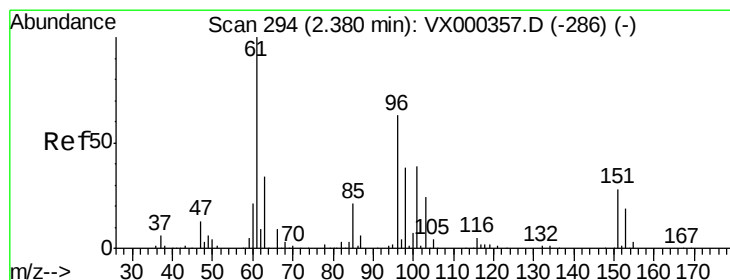
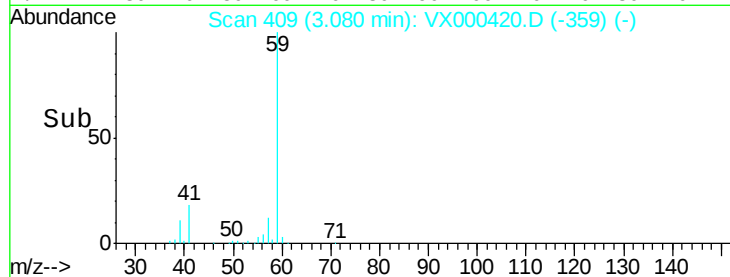
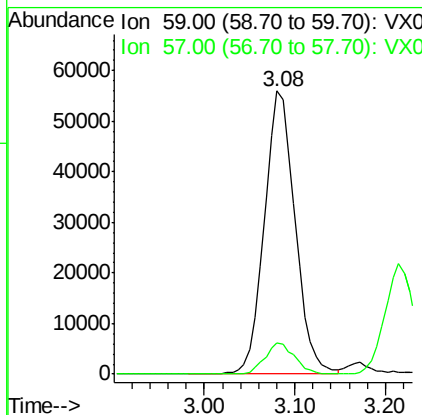
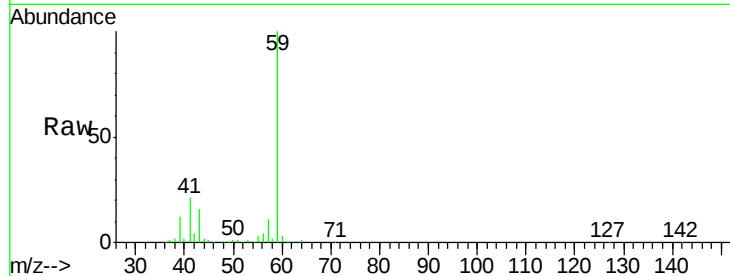
Tert butyl alcohol
 Concen: 277.87 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.01 min
 Lab File: VX000420.D
 Acq: 22 Mar 2018 21:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
59	100			
57	10.7	8.4	12.6	

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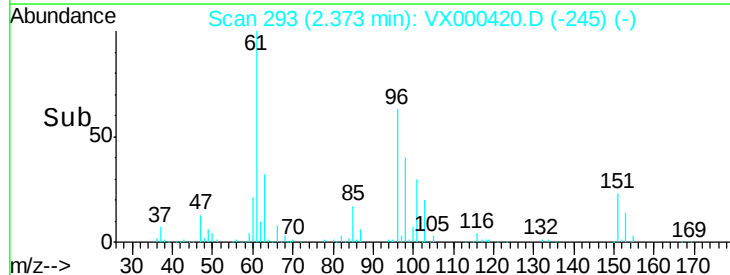
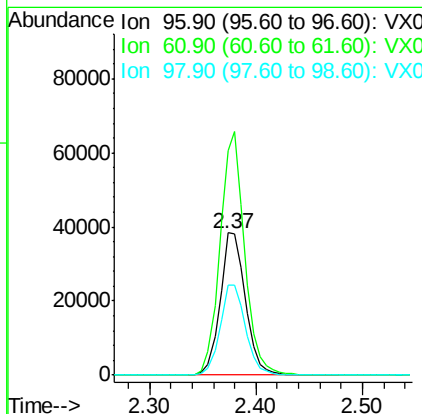
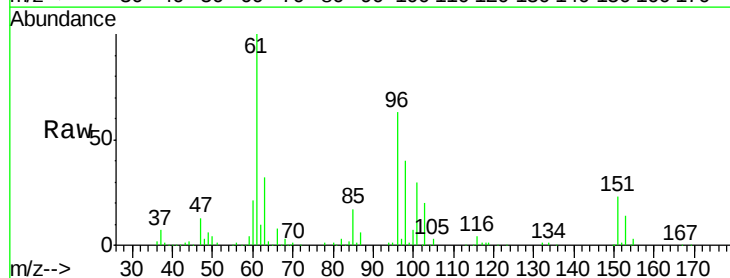
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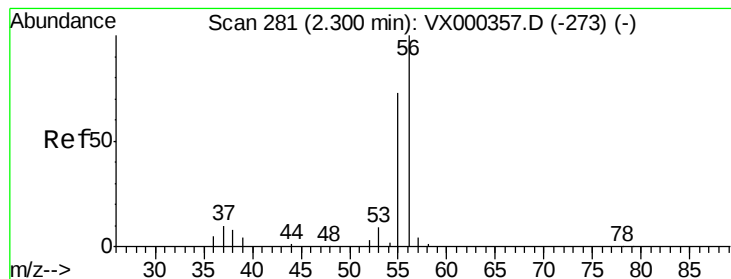


#12

1,1-Dichloroethene
 Concen: 55.75 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.01 min
 Lab File: VX000420.D
 Acq: 22 Mar 2018 21:10

Tgt Ion	Ion	Ratio	Lower	Upper
96	100			
61	158.0	131.2	196.8	
98	63.6	49.8	74.8	





#13

Acrolein

Concen: 205.22 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000420.D

Acq: 22 Mar 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 30534

Ion Ratio Lower Upper

56 100

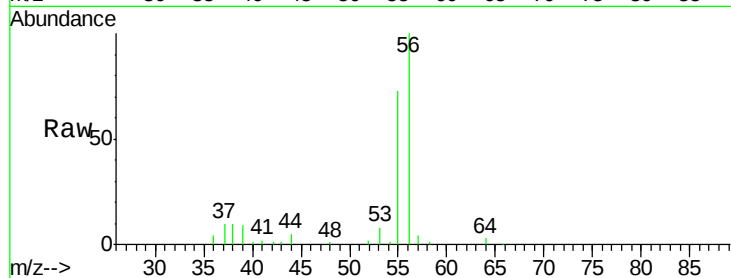
55 74.3 58.8 88.2

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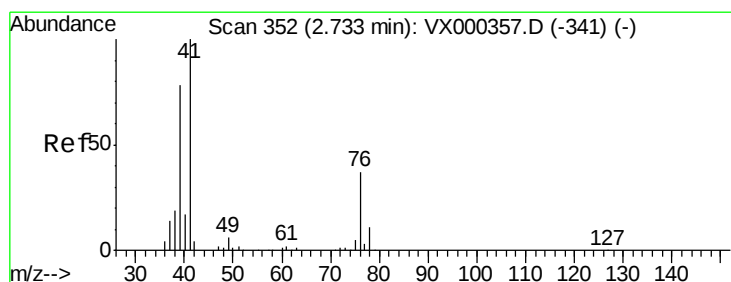
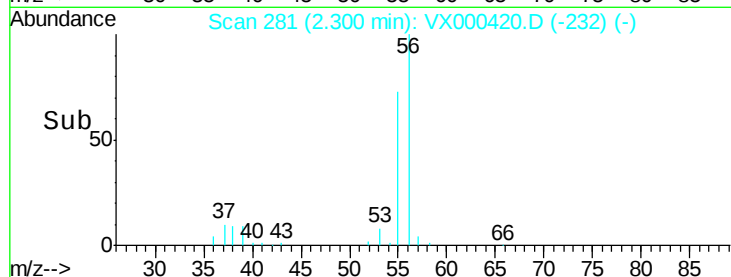
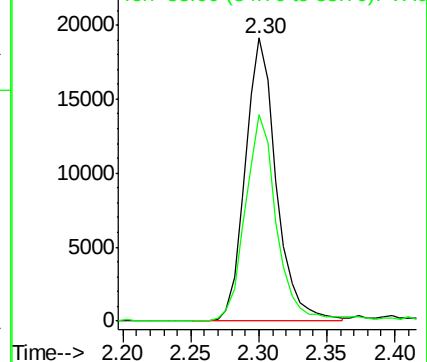
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 57.85 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000420.D

Acq: 22 Mar 2018 21:10

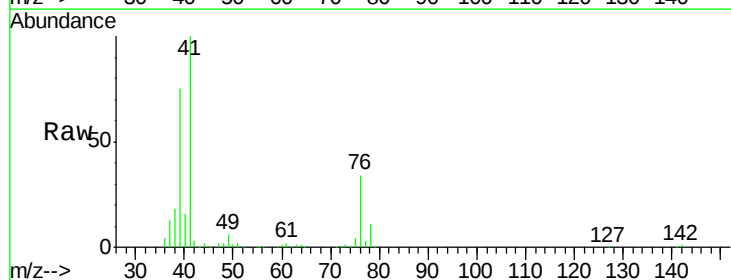
Tgt Ion: 41 Resp: 116483

Ion Ratio Lower Upper

41 100

39 70.6 57.6 86.4

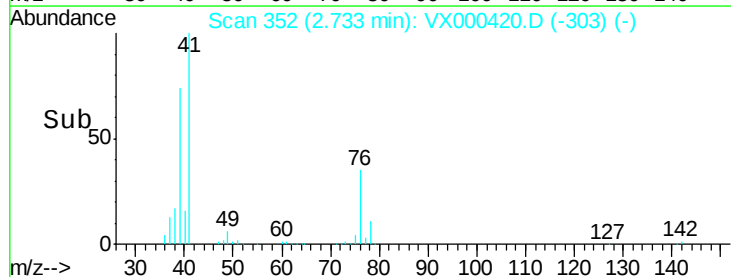
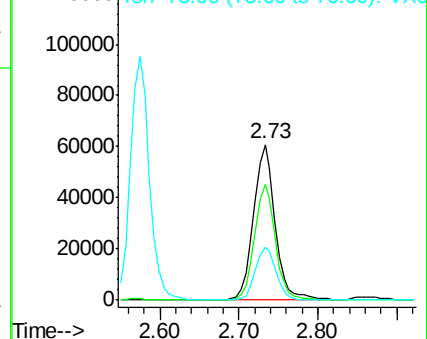
76 32.7 27.3 40.9

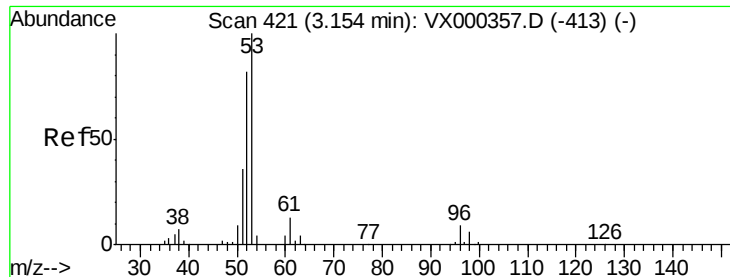


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 272.16 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX000420.D

Acq: 22 Mar 2018 21:10

Instrument :

MSVOA_X

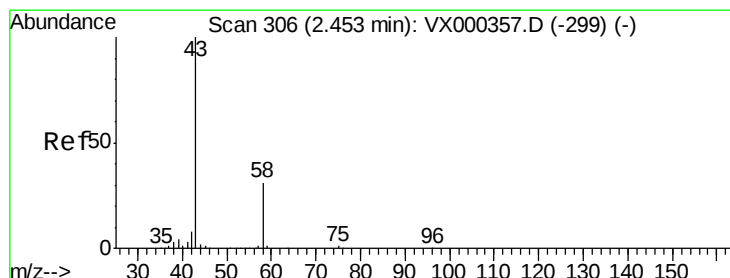
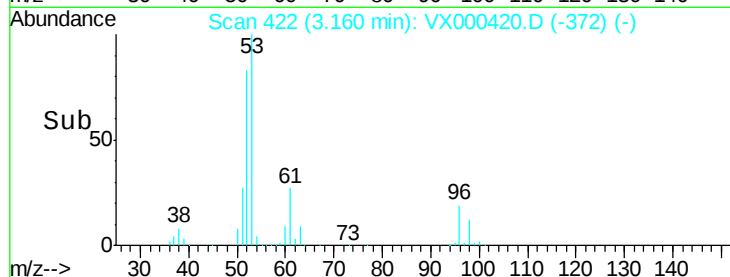
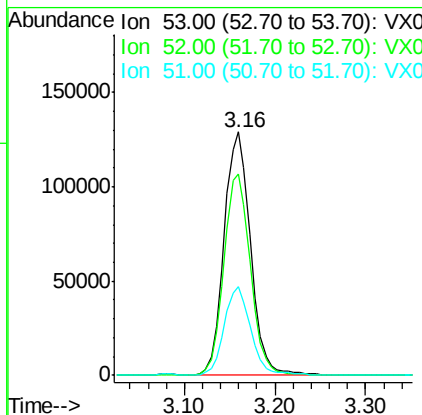
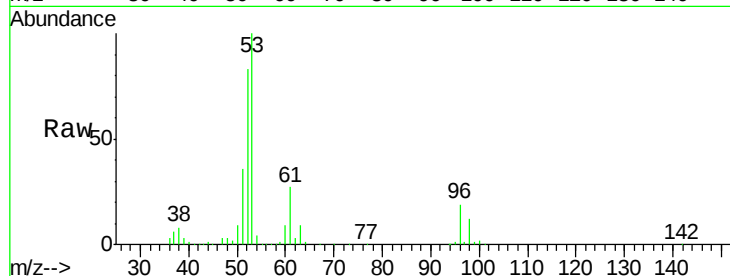
ClientSampled :

VSTDCCC050EC

Tot Ion:	53	Resp:	260387
Ion Ratio		Lower	Upper
53	100		
52	83.4	66.6	99.8
51	37.1	29.3	43.9

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#16

Acetone

Concen: 245.41 ug/l

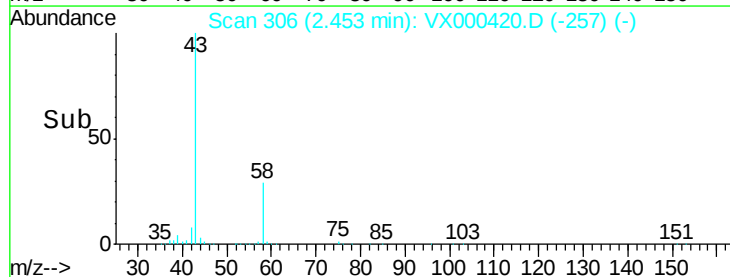
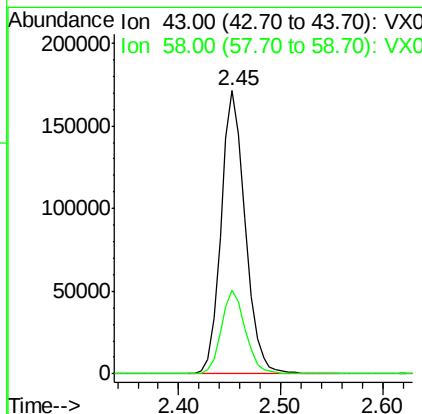
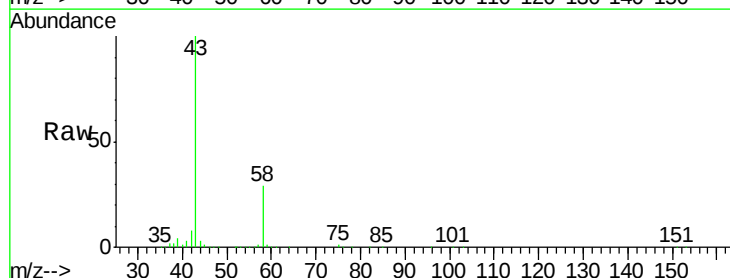
RT: 2.45 min Scan# 306

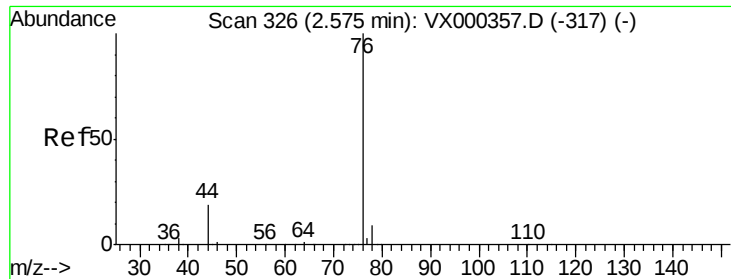
Delta R.T. -0.00 min

Lab File: VX000420.D

Acq: 22 Mar 2018 21:10

Tgt Ion:	43	Resp:	280363
Ion Ratio		Lower	Upper
43	100		
58	29.4	24.7	37.1





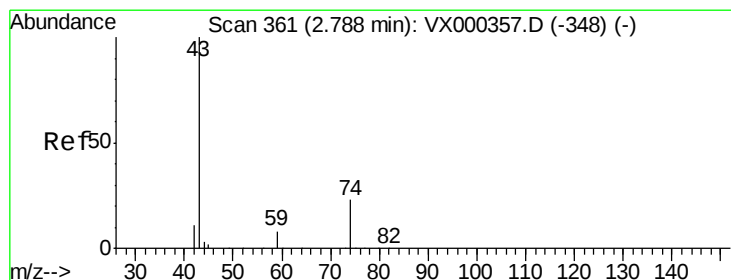
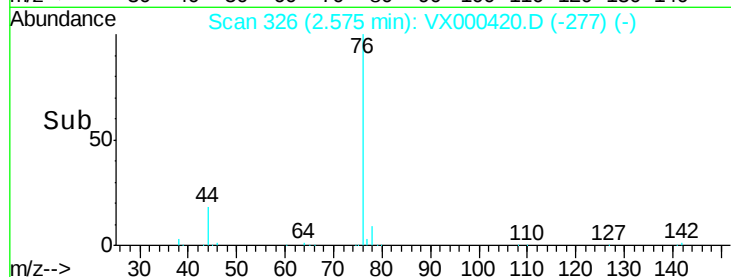
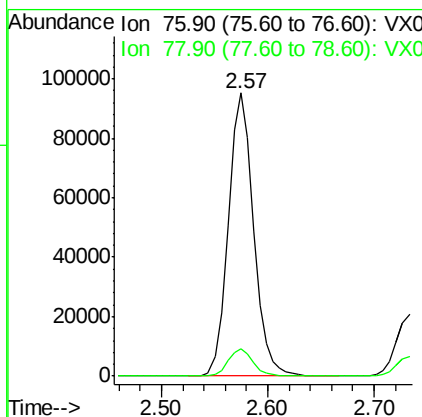
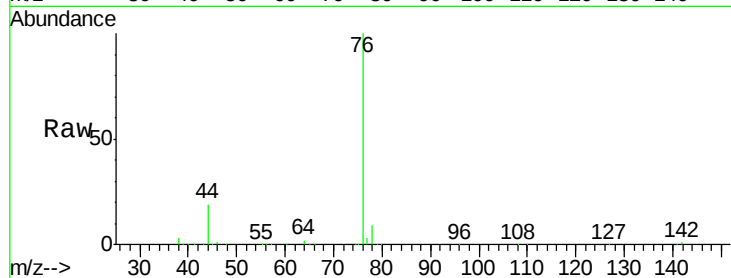
#17
Carbon Disulfide
Concen: 52.33 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000420.D
Acq: 22 Mar 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.0	10.6

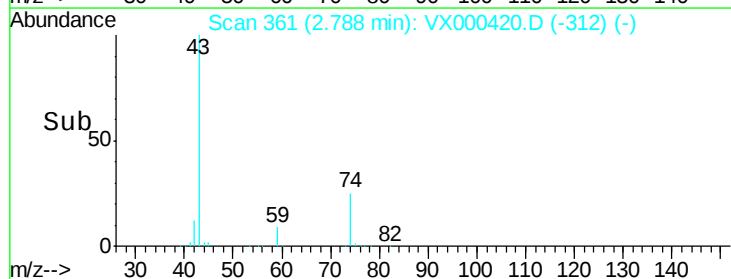
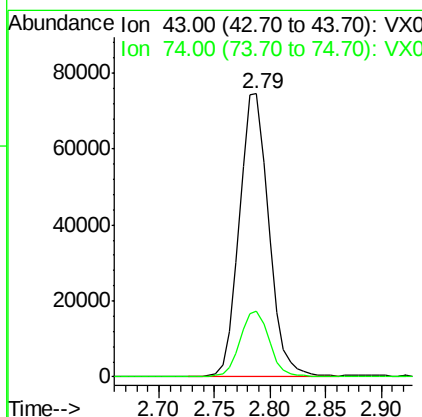
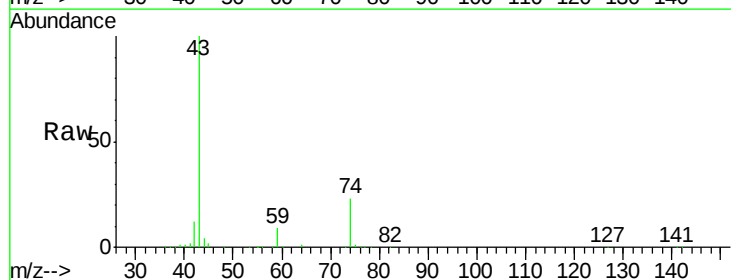
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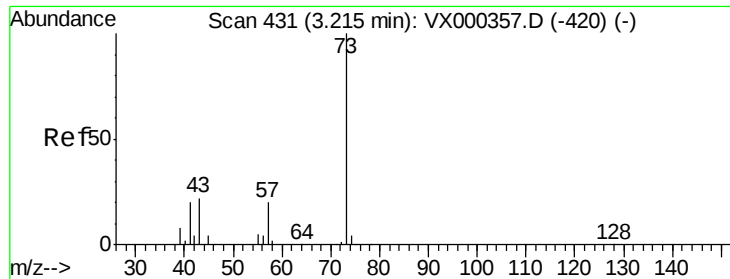
sam
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#18
Methyl Acetate
Concen: 57.12 ug/l
RT: 2.79 min Scan# 361
Delta R.T. -0.00 min
Lab File: VX000420.D
Acq: 22 Mar 2018 21:10

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	19.4	29.2





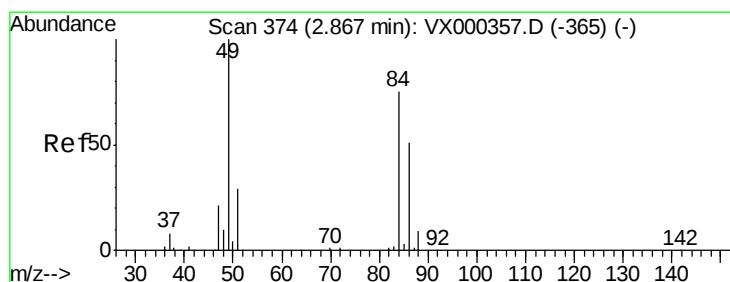
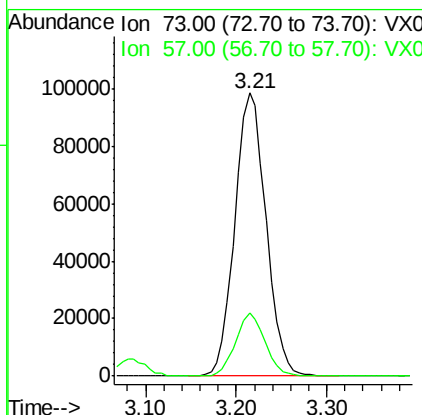
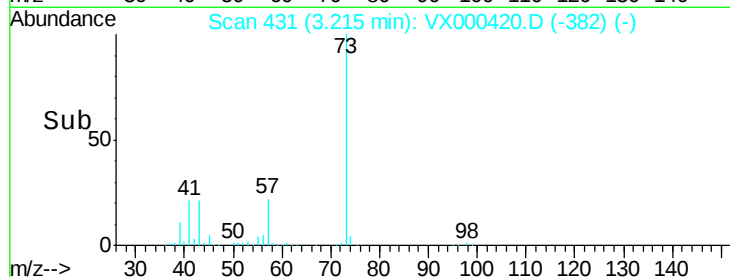
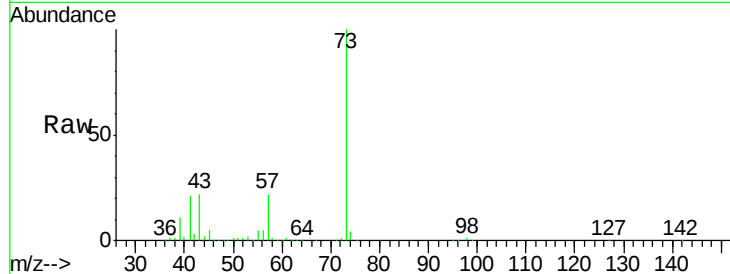
#19
Methvl tert-butvl Ether
Concen: 55.69 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000420.D
Acq: 22 Mar 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 234860
Ion Ratio Lower Upper
73 100
57 22.1 17.2 25.8

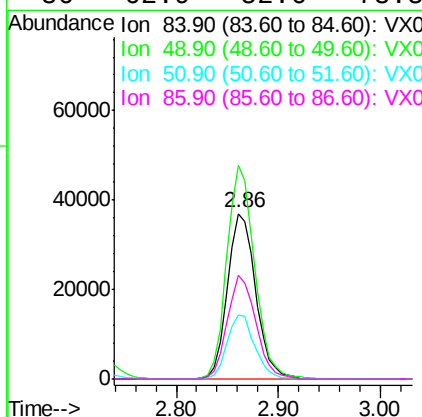
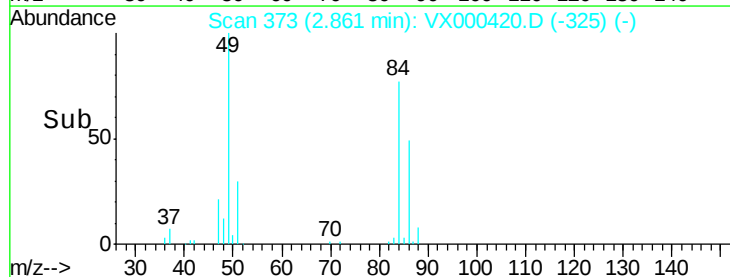
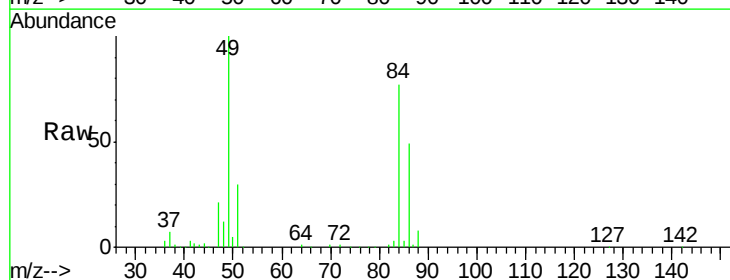
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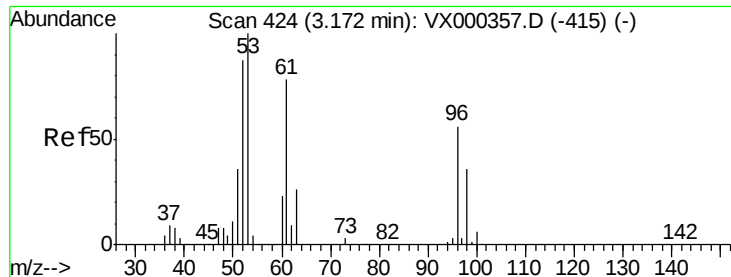
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#20
Methylene Chloride
Concen: 53.76 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000420.D
Acq: 22 Mar 2018 21:10

Tgt Ion: 84 Resp: 70932
Ion Ratio Lower Upper
84 100
49 129.2 100.6 151.0
51 38.7 31.6 47.4
86 62.9 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 52.72 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000420.D

Acq: 22 Mar 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 67065

Ion Ratio Lower Upper

96 100

61 134.3 104.0 156.0

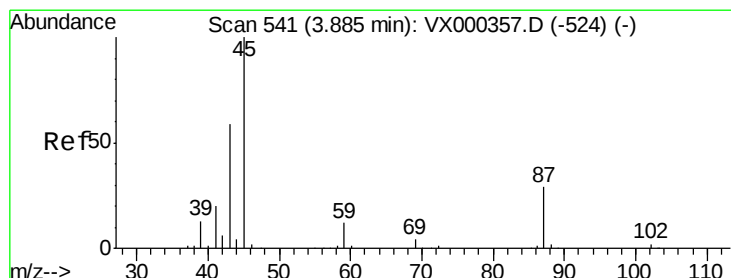
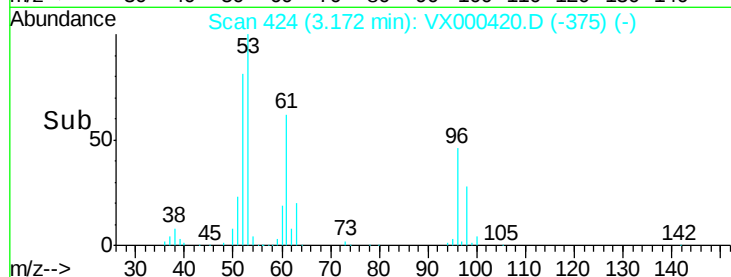
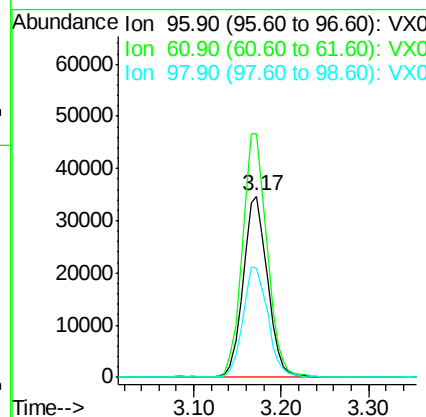
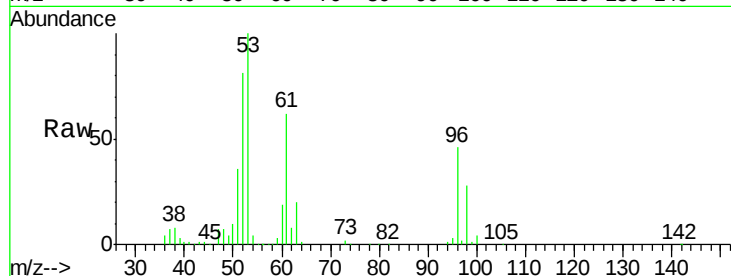
98 60.5 52.1 78.1

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#22

Diisopropyl ether

Concen: 48.55 ug/l

RT: 3.89 min Scan# 541

Delta R.T. -0.00 min

Lab File: VX000420.D

Acq: 22 Mar 2018 21:10

Tgt Ion: 45 Resp: 173079

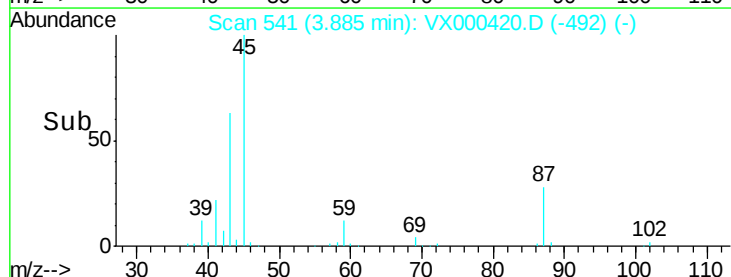
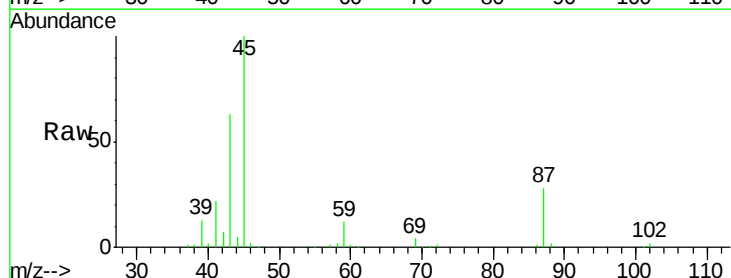
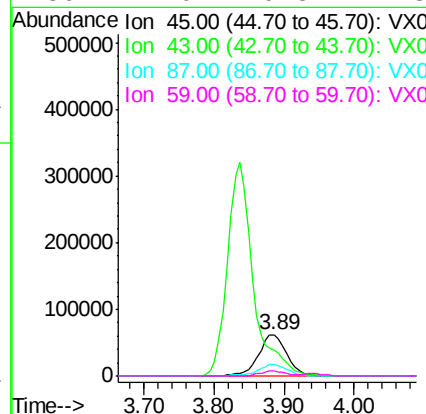
Ion Ratio Lower Upper

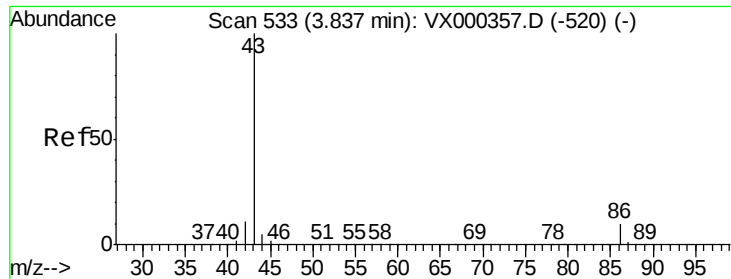
45 100

43 63.4 53.9 80.9

87 27.7 22.6 34.0

59 12.0 9.5 14.3





#23

Vinyl Acetate

Concen: 243.62 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000420.D

Acq: 22 Mar 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 823296

Ion Ratio Lower Upper

43 100

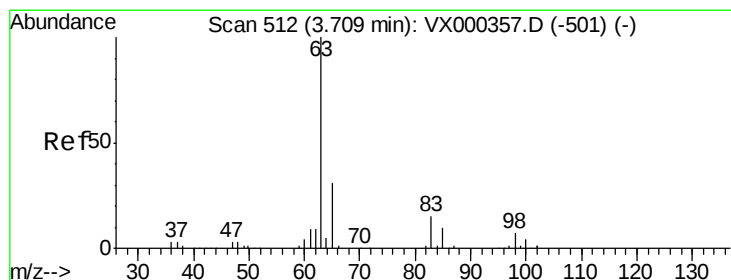
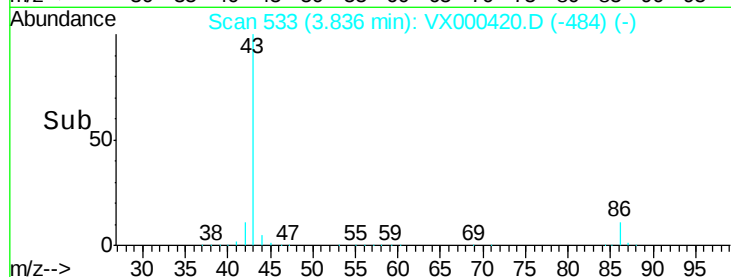
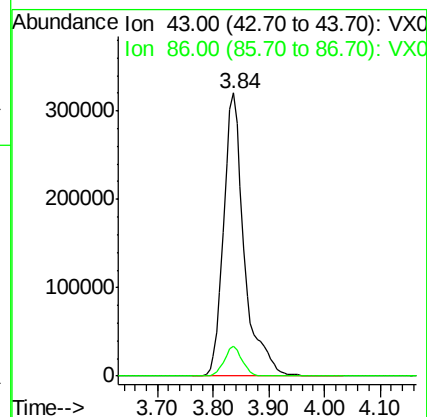
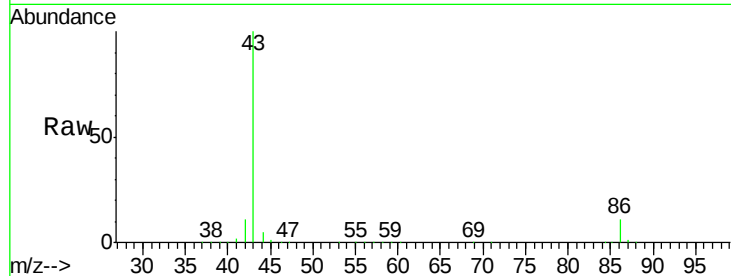
86 10.7 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 54.99 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000420.D

Acq: 22 Mar 2018 21:10

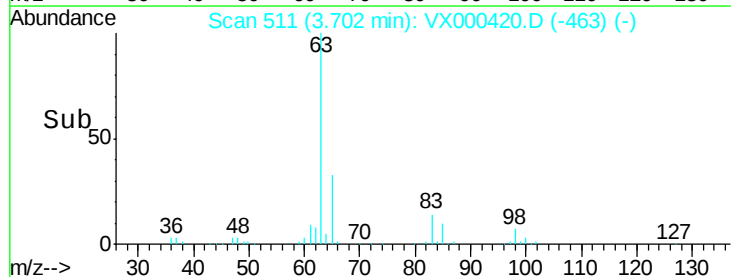
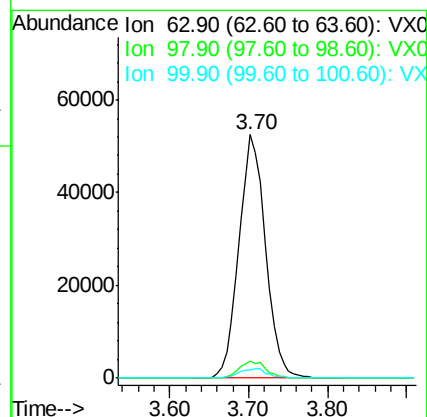
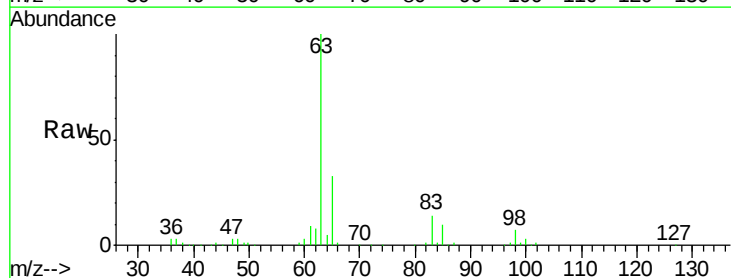
Tgt Ion: 63 Resp: 123241

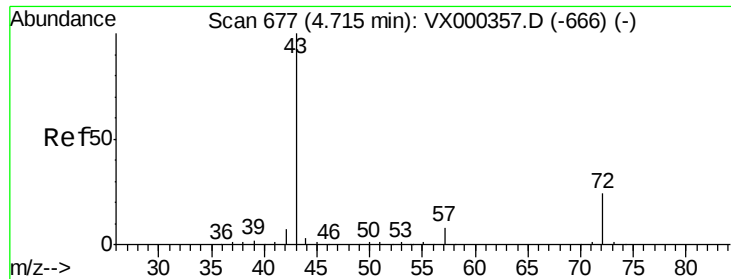
Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.9

100 3.3 2.0 5.8





#25

2-Butanone

Concen: 253.33 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000420.D

Acq: 22 Mar 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 325304

Ion Ratio Lower Upper

43 100

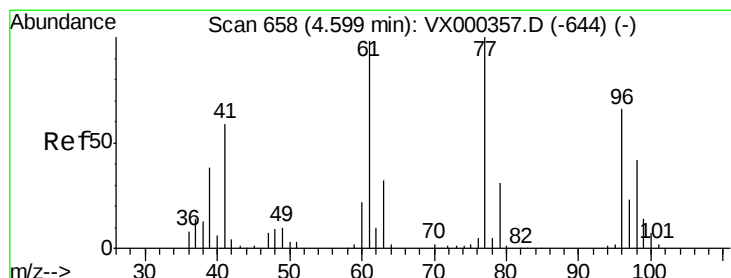
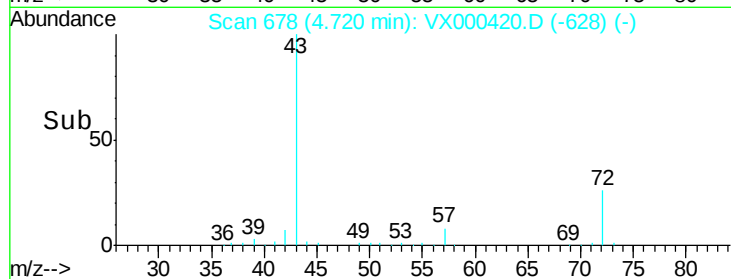
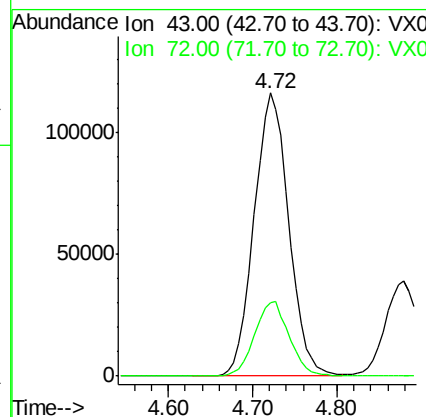
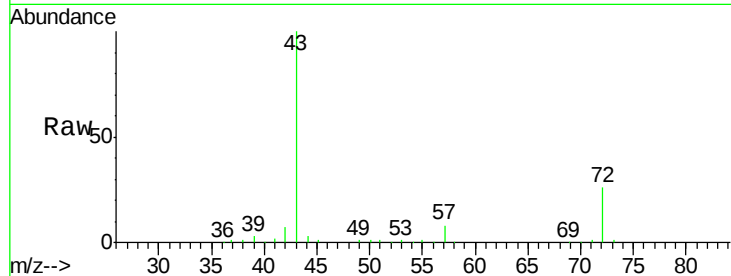
72 25.9 21.0 31.6

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#26

2,2-Dichloropropane

Concen: 49.35 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000420.D

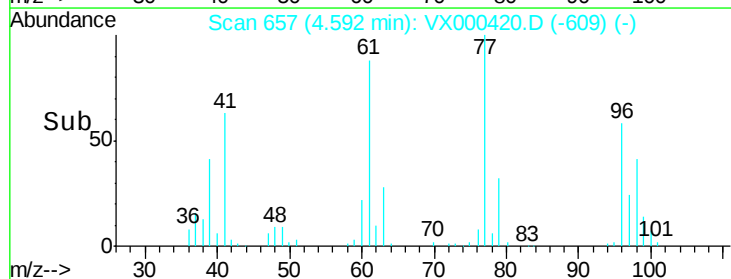
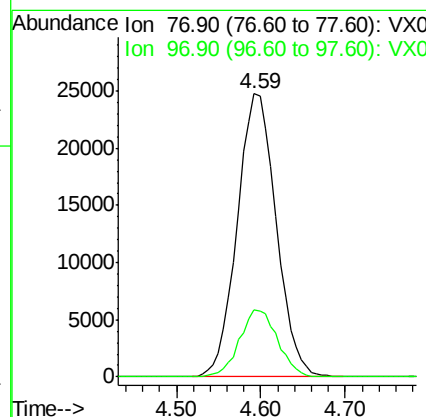
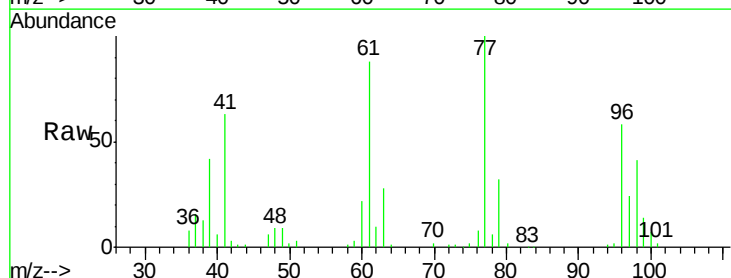
Acq: 22 Mar 2018 21:10

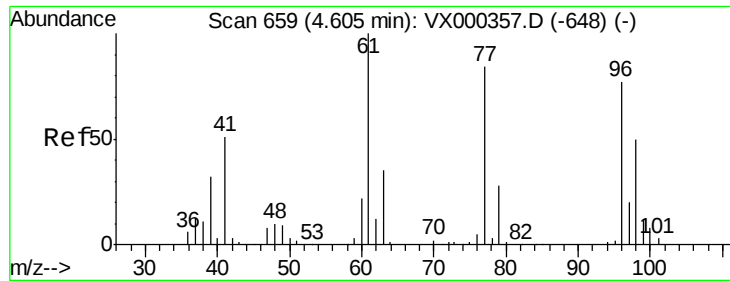
Tgt Ion: 77 Resp: 77529

Ion Ratio Lower Upper

77 100

97 23.1 11.3 33.8





#27

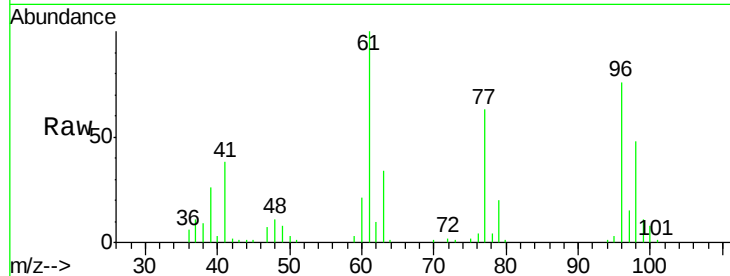
cis-1,2-Dichloroethene
Concen: 50.67 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX000420.D
Acq: 22 Mar 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

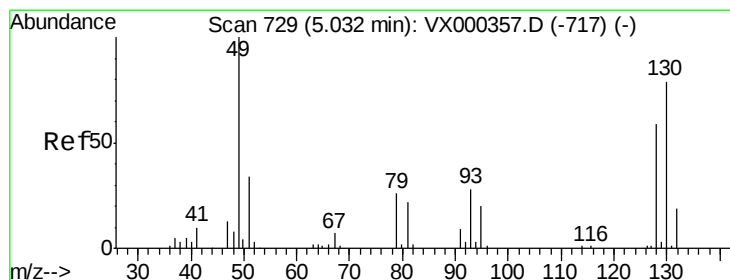
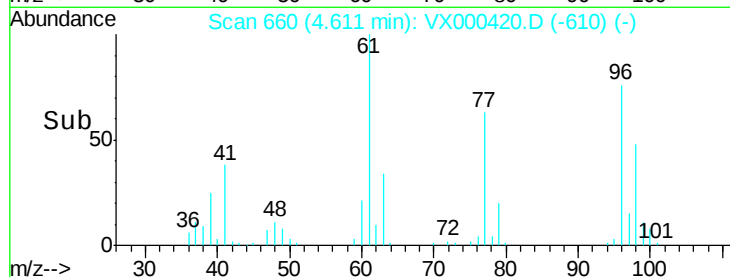
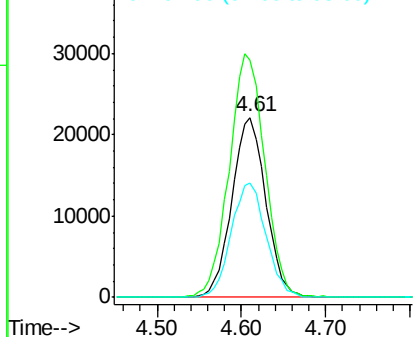
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.3	0.0	291.6
98	65.1	0.0	132.0

Manual Integrations
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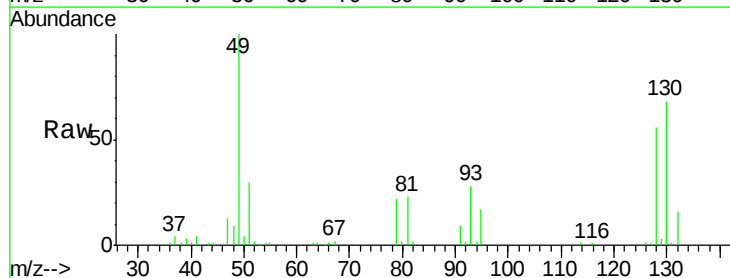
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



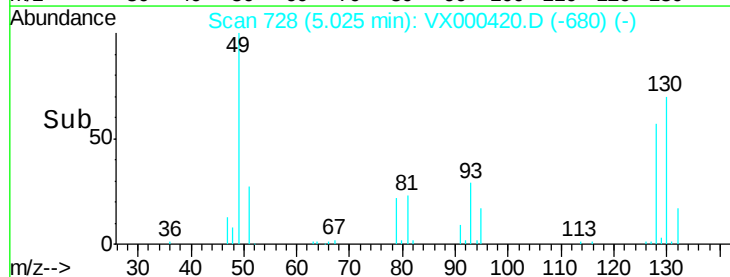
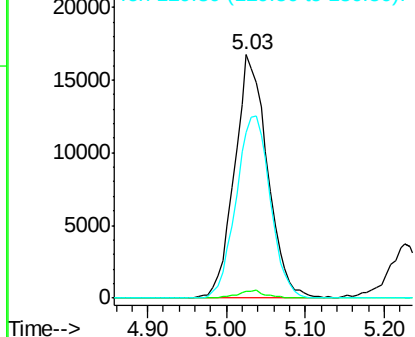
#28

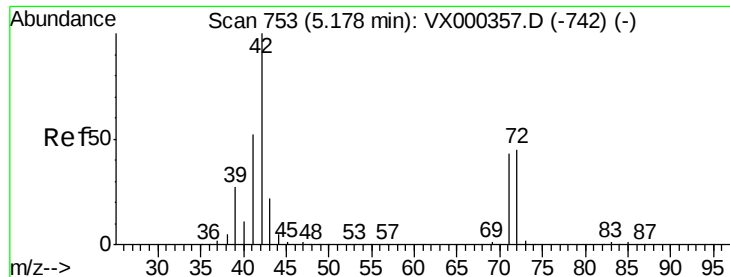
Bromochloromethane
Concen: 52.57 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX000420.D
Acq: 22 Mar 2018 21:10

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	77.7	64.0	96.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





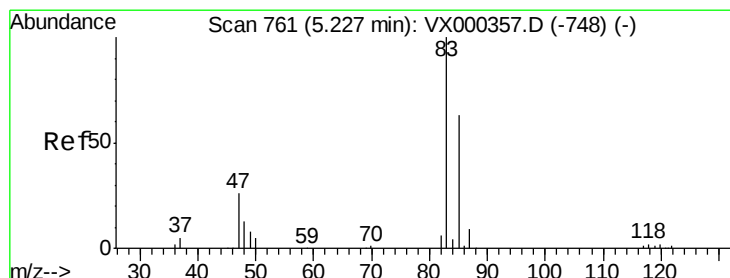
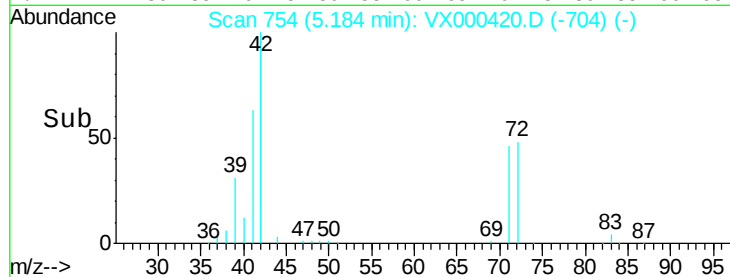
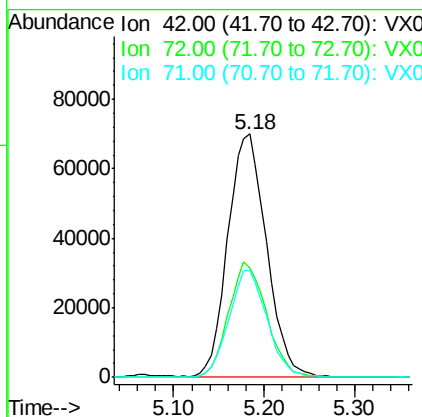
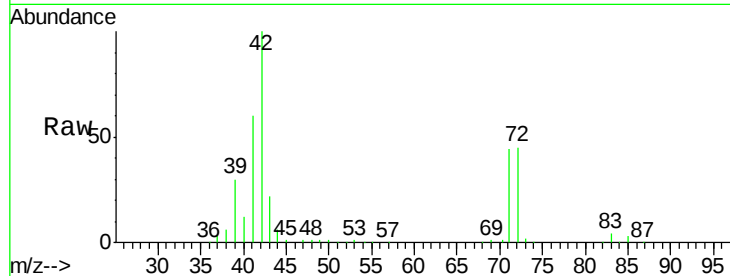
#29
Tetrahydrofuran
Concen: 261.14 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX000420.D
Acq: 22 Mar 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.0	37.9	56.9
71	43.5	34.4	51.6

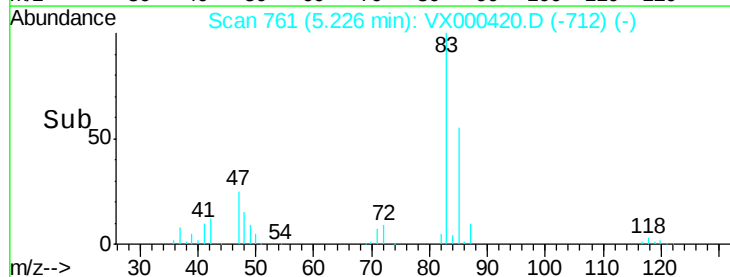
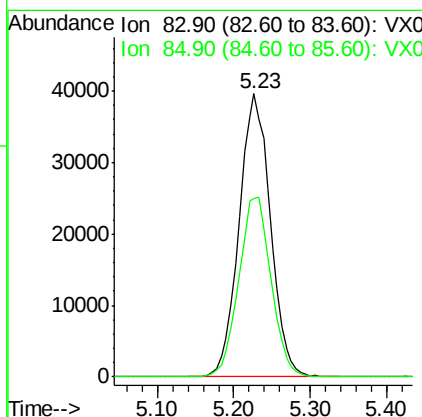
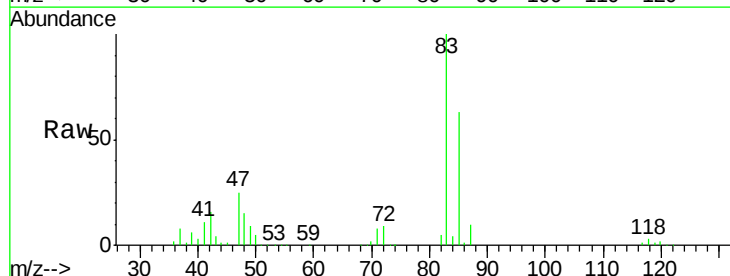
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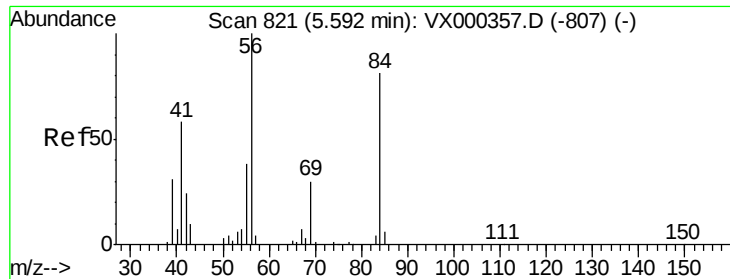
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#30
Chloroform
Concen: 53.75 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000420.D
Acq: 22 Mar 2018 21:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	53.3	79.9





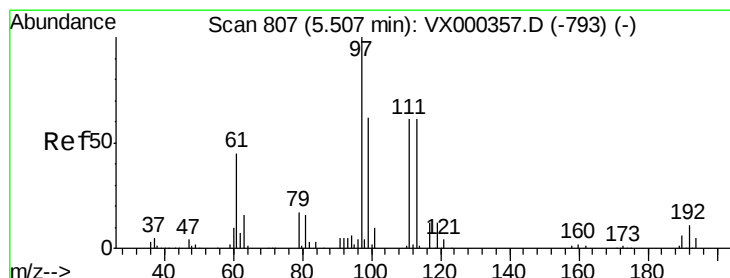
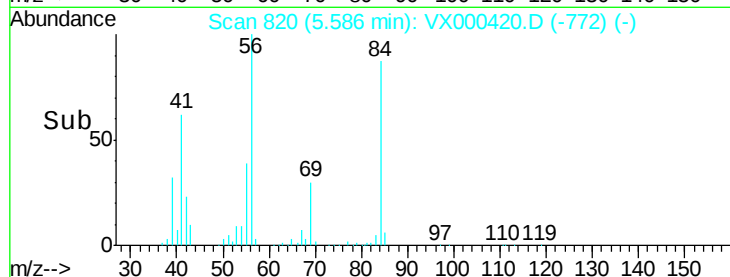
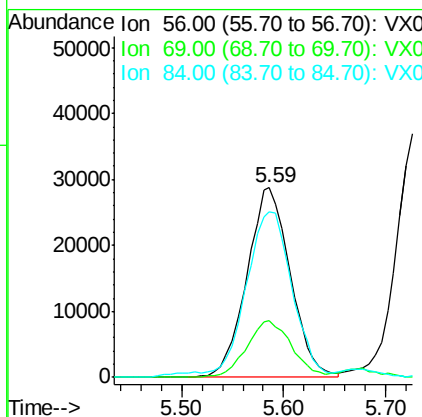
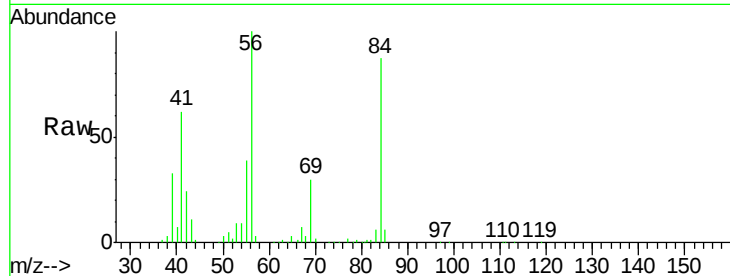
#31
Cyclohexane
Concen: 49.14 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.01 min
Lab File: VX000420.D
Acq: 22 Mar 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.7	23.4	35.0
84	84.7	71.0	106.4

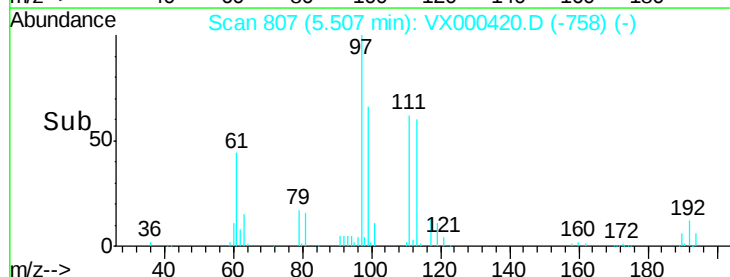
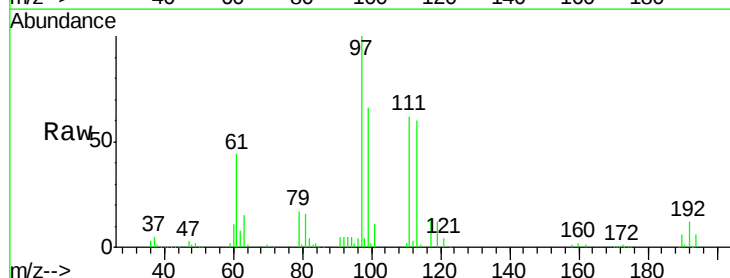
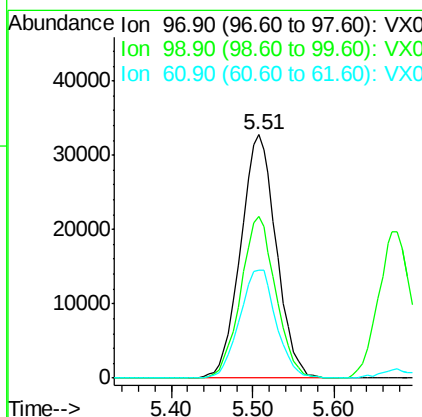
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#32
1,1,1-Trichloroethane
Concen: 52.39 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX000420.D
Acq: 22 Mar 2018 21:10

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	52.1	78.1
61	46.0	36.2	54.4





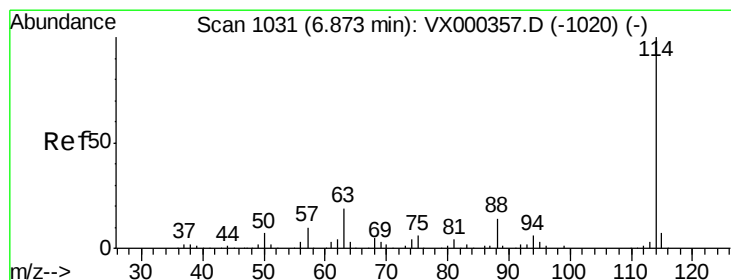
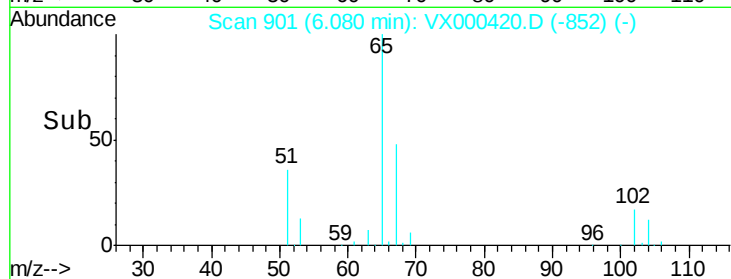
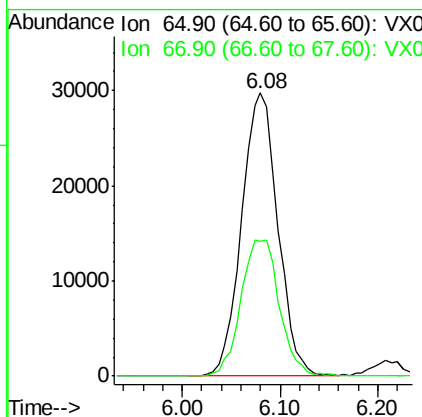
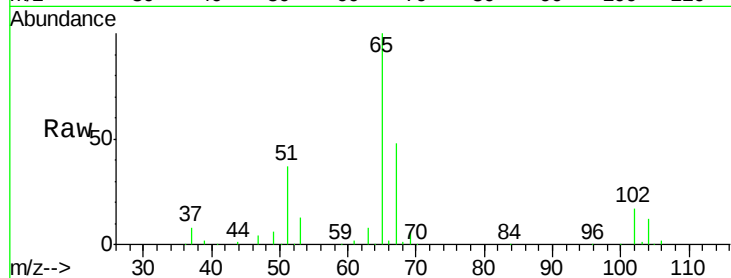
#33
 1,2-Dichloroethane-d4
 Concen: 55.75 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000420.D
 Acq: 22 Mar 2018 21:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	103.2

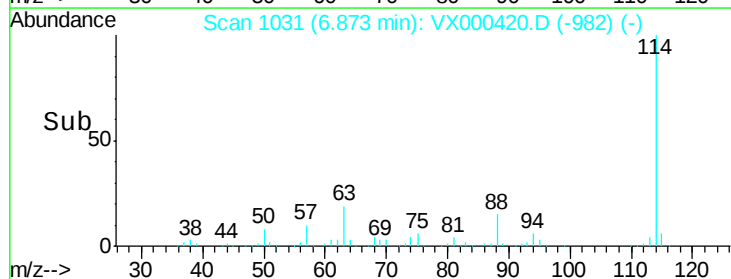
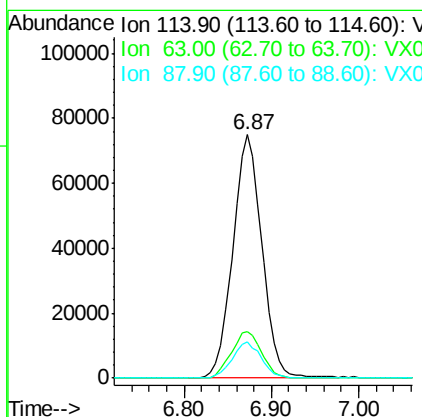
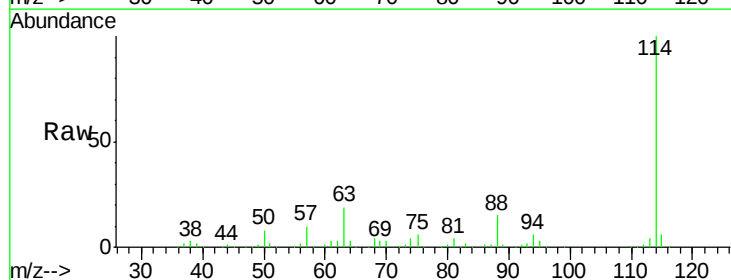
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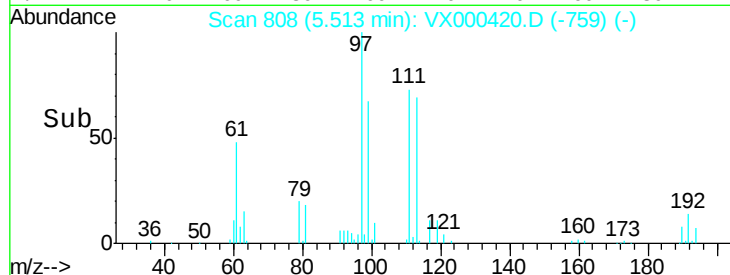
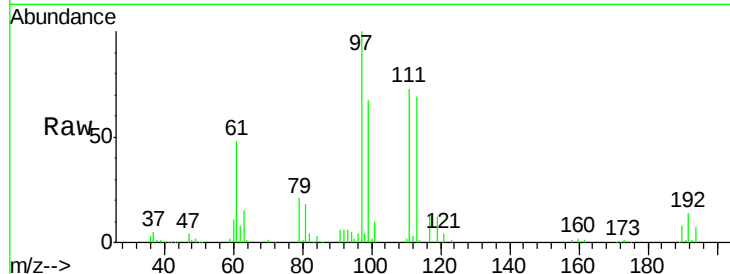
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000420.D
 Acq: 22 Mar 2018 21:10

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	38.4
88	14.7	0.0	27.0





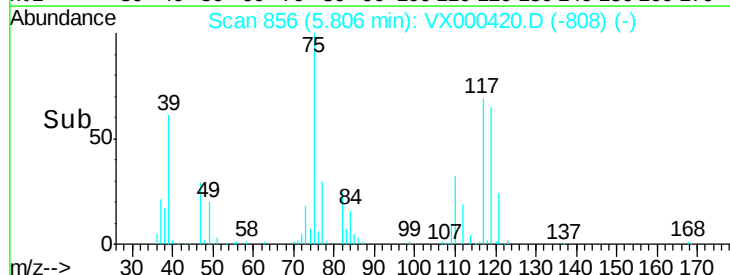
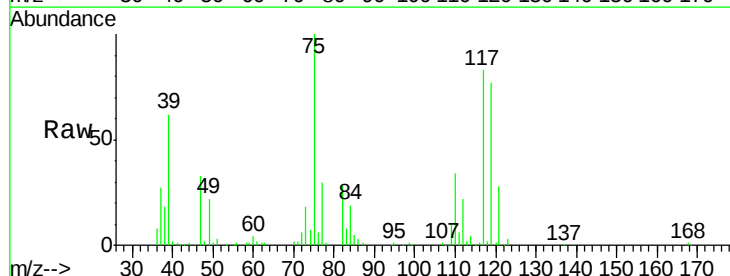
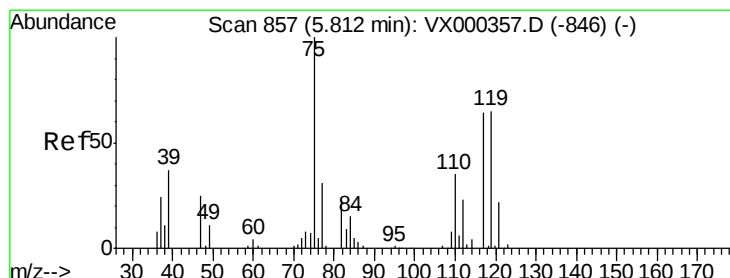
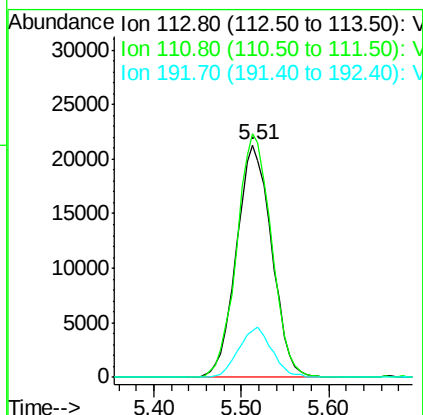
#35
Dibromofluoromethane
Concen: 54.54 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000420.D
Acq: 22 Mar 2018 21:10

Tot Ion	Ratio	Resp	Lower	Upper
113	100	59561		
111	103.2	82.4	123.6	
192	20.4	15.8	23.6	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

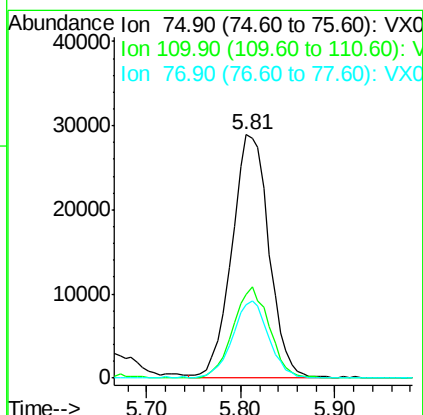
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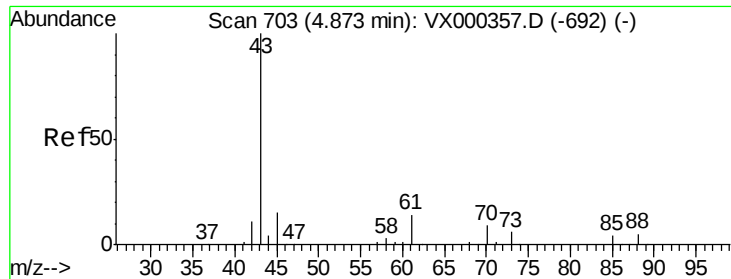
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#36
1,1-Dichloropropene
Concen: 48.55 ug/l
RT: 5.81 min Scan# 856
Delta R.T. -0.01 min
Lab File: VX000420.D
Acq: 22 Mar 2018 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	78827		
110	36.8	17.9	53.7	
77	31.3	24.0	36.0	





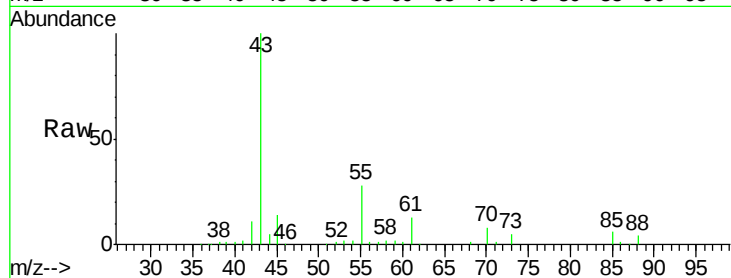
#37
Ethyl Acetate
Concen: 50.27 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX000420.D
Acq: 22 Mar 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

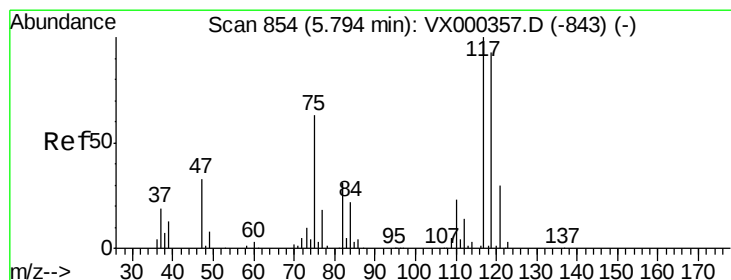
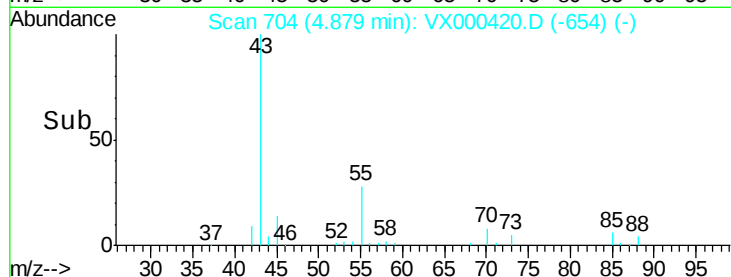
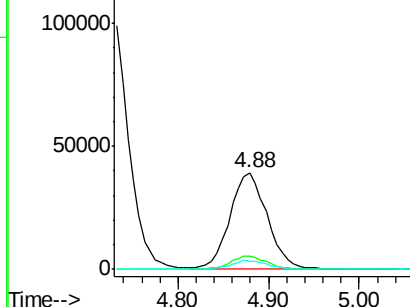
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.1	16.7
70	9.1	7.7	11.5

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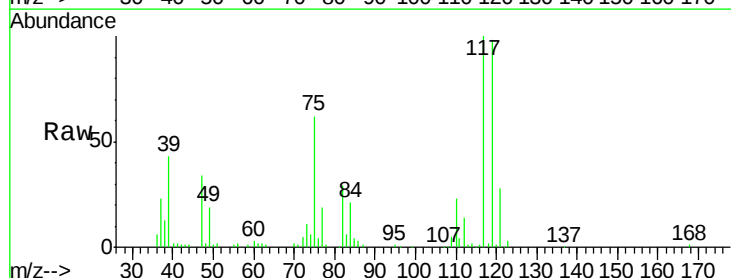


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

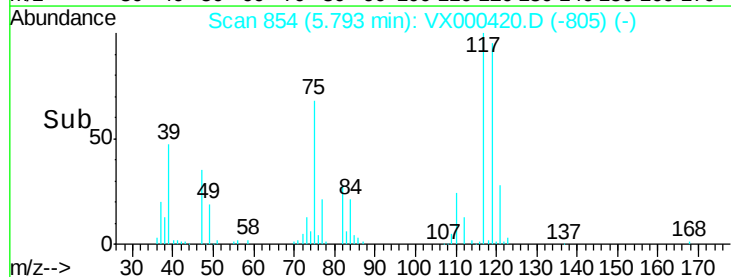
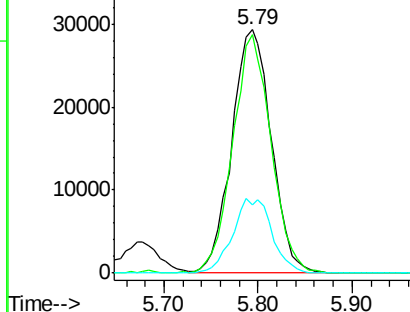


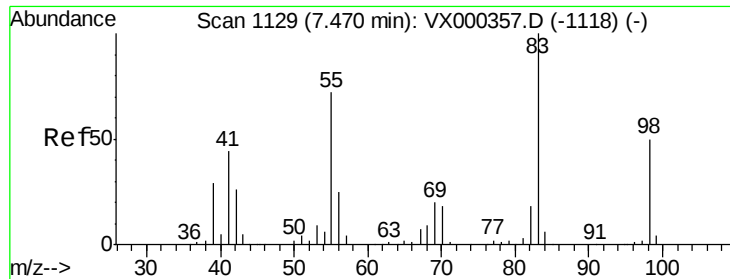
#38
Carbon Tetrachloride
Concen: 50.48 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000420.D
Acq: 22 Mar 2018 21:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	77.4	116.2
121	28.3	24.8	37.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





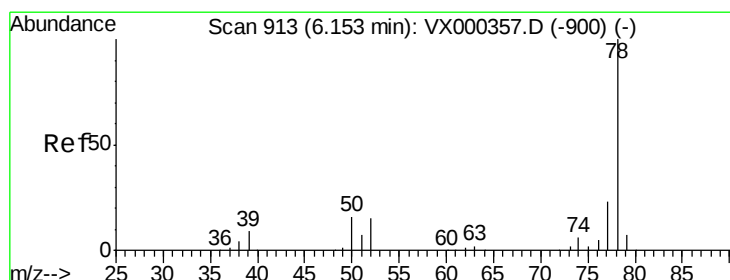
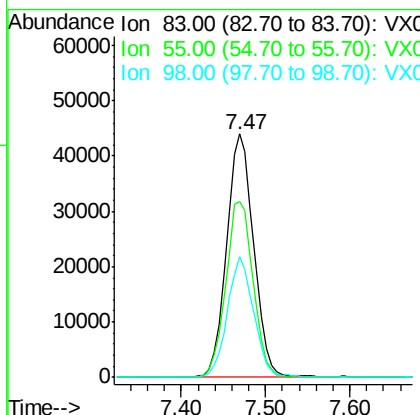
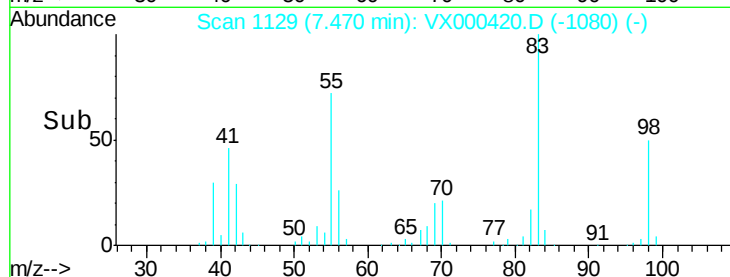
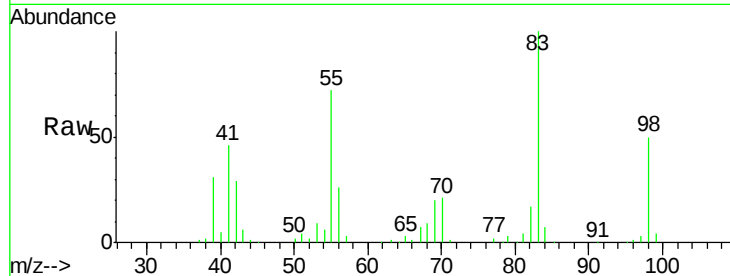
#39
Methvlcvclohexane
Concen: 48.69 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000420.D
Acq: 22 Mar 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.2	55.5	83.3
98	49.6	38.2	57.4

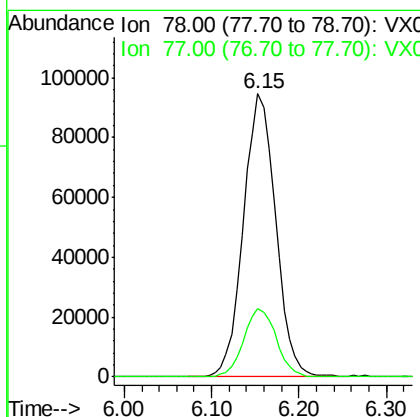
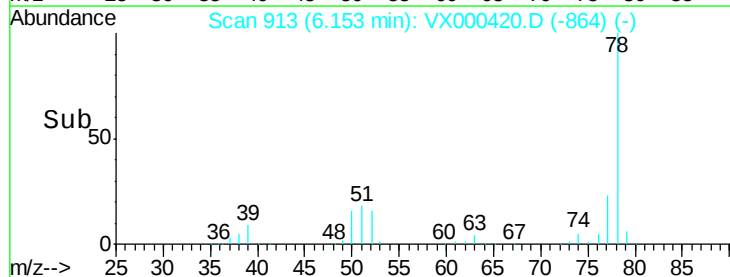
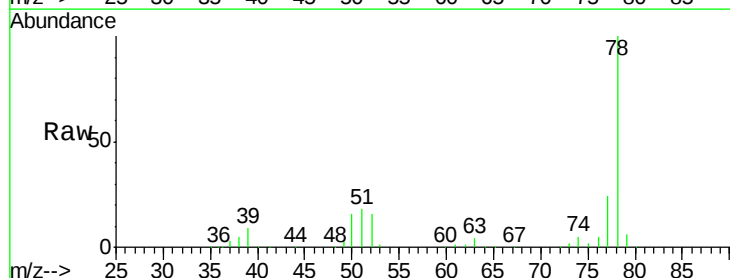
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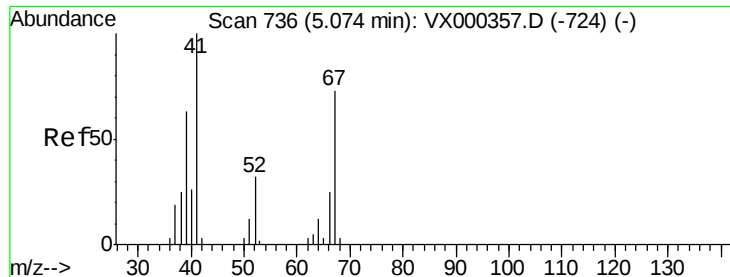
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#40
Benzene
Concen: 51.55 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000420.D
Acq: 22 Mar 2018 21:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.7	28.1





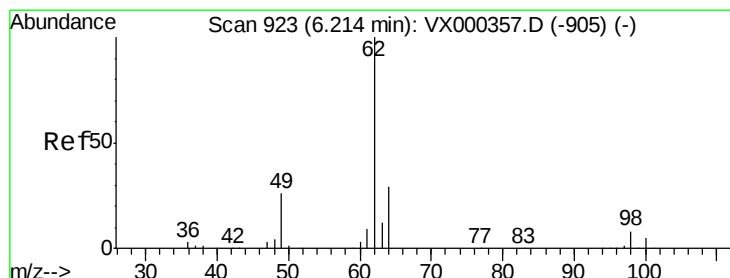
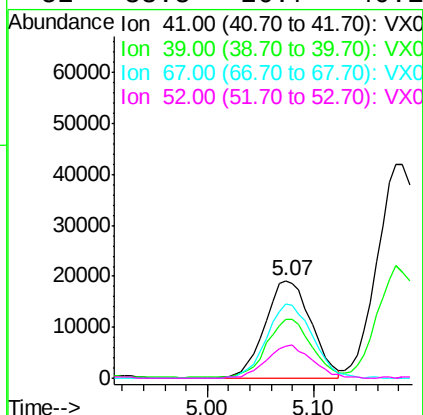
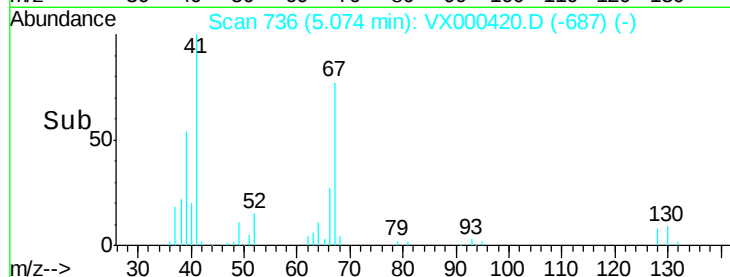
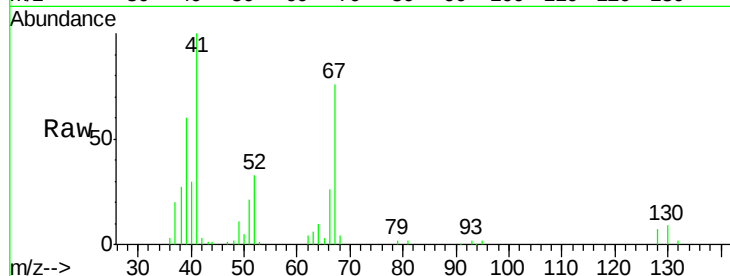
#41
Methacrylonitrile
Concen: 49.45 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX000420.D
Acq: 22 Mar 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.6	45.7	68.5	
67	75.7	57.8	86.8	
52	33.8	26.7	40.1	

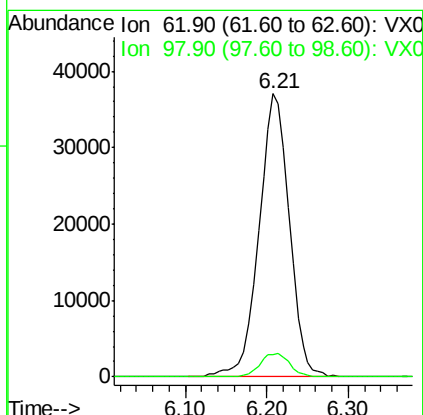
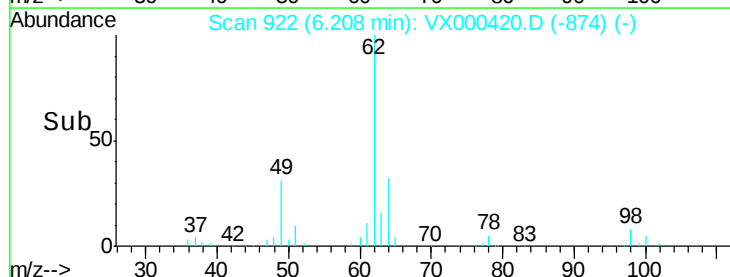
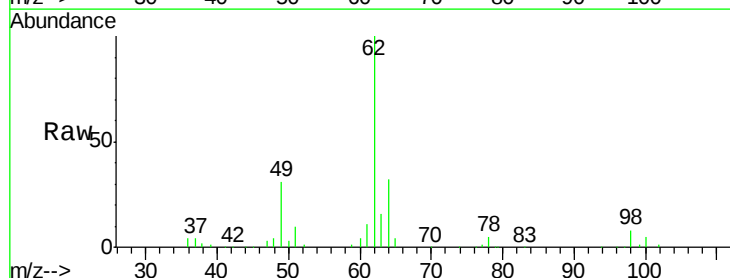
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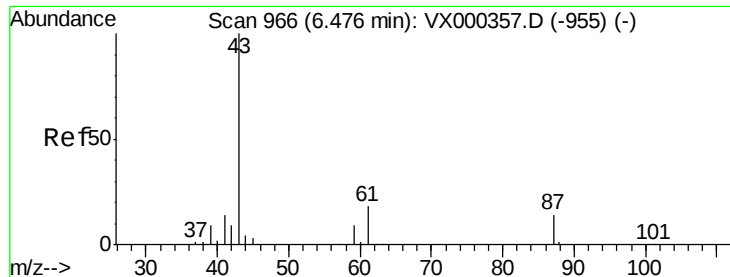
sam
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#42
1,2-Dichloroethane
Concen: 51.87 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.01 min
Lab File: VX000420.D
Acq: 22 Mar 2018 21:10

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.2	0.0	15.8	





#43

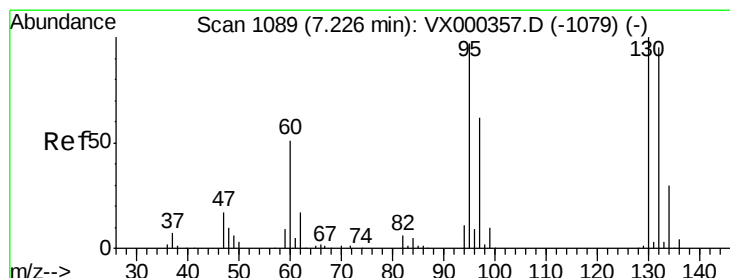
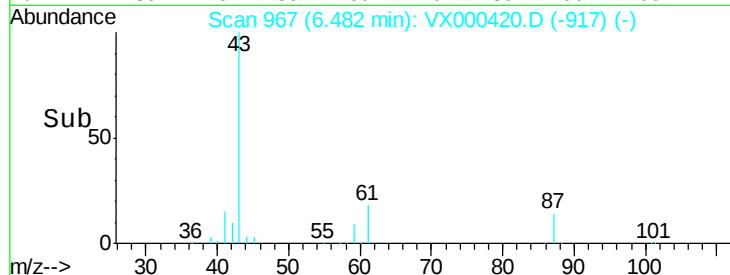
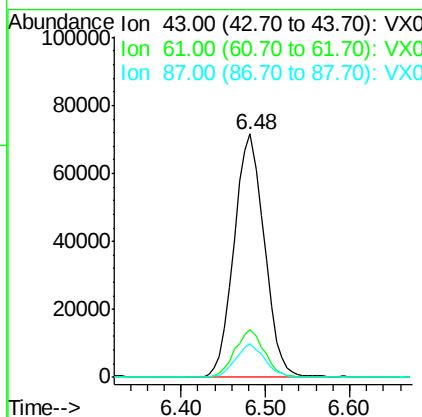
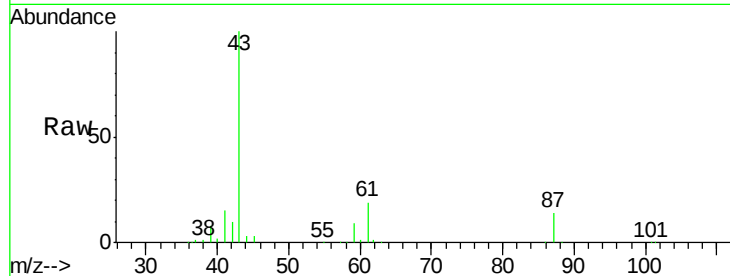
Isopropyl Acetate
 Concen: 52.80 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. 0.01 min
 Lab File: VX000420.D
 Acq: 22 Mar 2018 21:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
61	18.9	14.4	21.6	
87	13.1	11.0	16.4	

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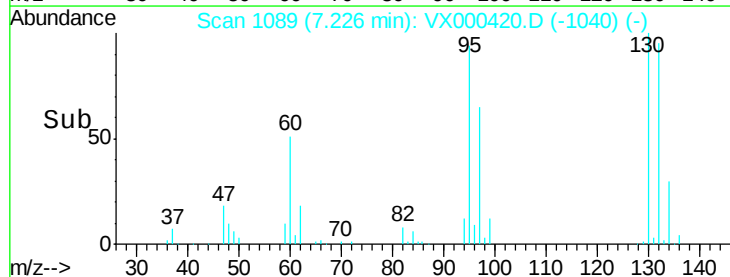
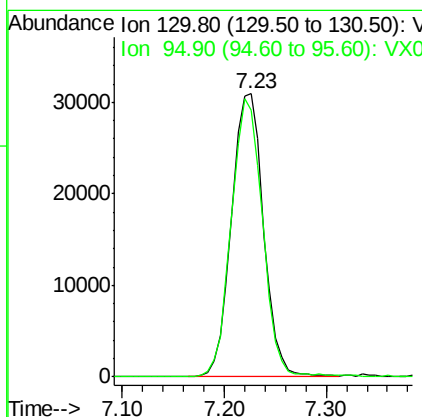
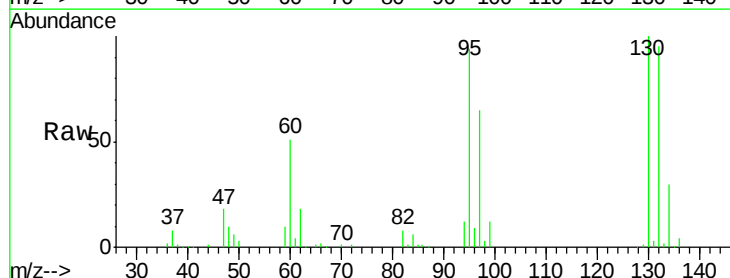
sam
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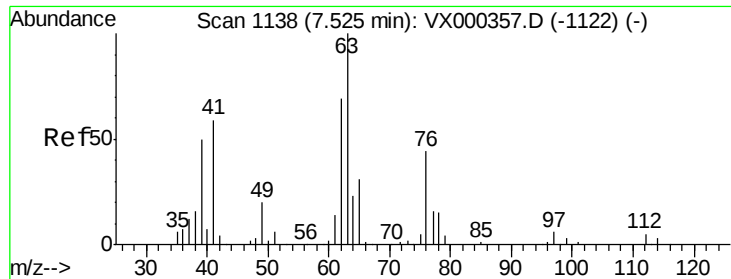


#44

Trichloroethene
 Concen: 49.67 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VX000420.D
 Acq: 22 Mar 2018 21:10

Tgt Ion	Ion	Ratio	Lower	Upper
130	100			
95	94.5	0.0	186.0	





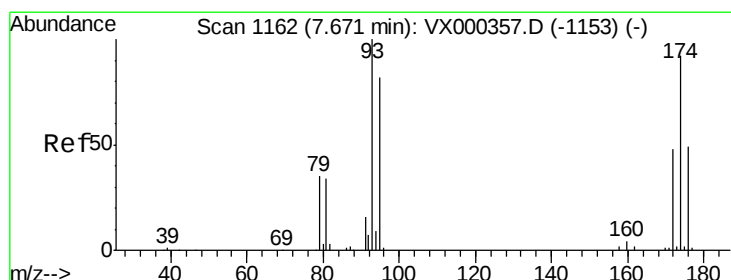
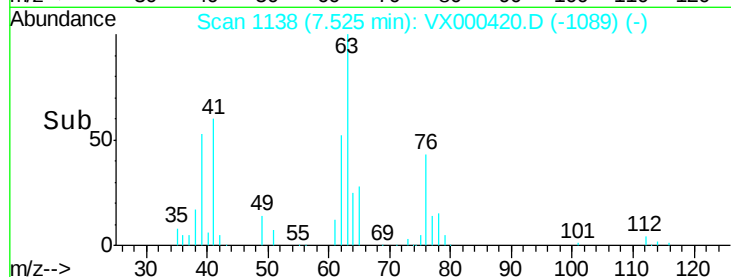
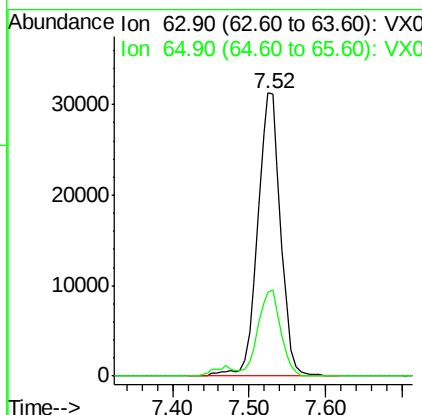
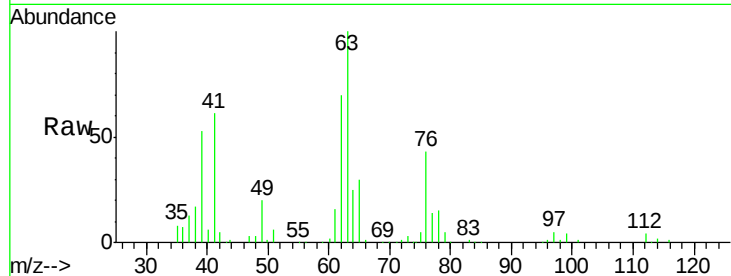
#45
 1,2-Dichloropropane
 Concen: 54.29 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000420.D
 Acq: 22 Mar 2018 21:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 65522
 Ion Ratio Lower Upper
 63 100
 65 29.7 24.6 36.8

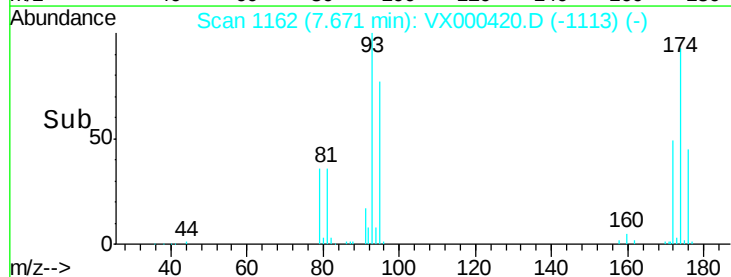
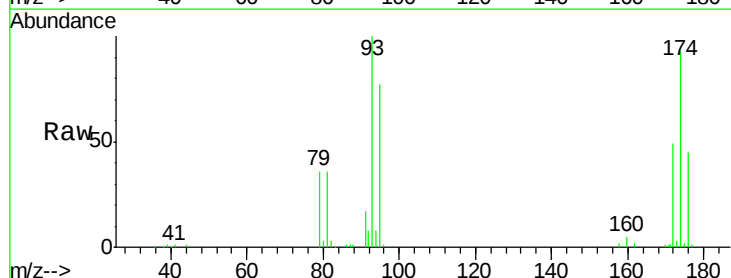
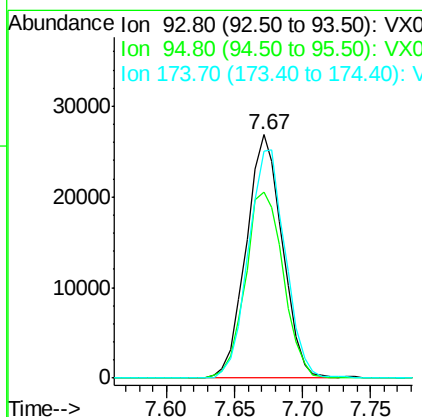
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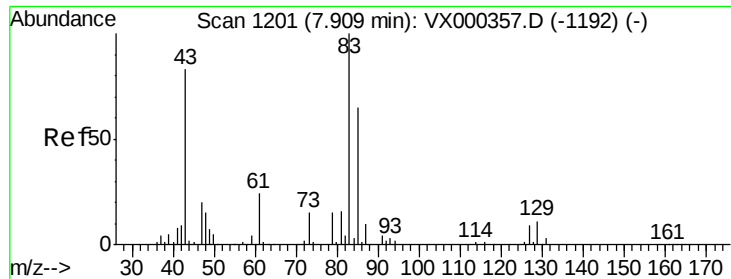
sam
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#46
 Dibromomethane
 Concen: 52.92 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000420.D
 Acq: 22 Mar 2018 21:10

Tgt Ion: 93 Resp: 50128
 Ion Ratio Lower Upper
 93 100
 95 80.0 66.5 99.7
 174 95.7 76.0 114.0





#47

Bromodichloromethane

Concen: 53.64 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000420.D

Acq: 22 Mar 2018 21:10

Instrument :

MSVOA_X

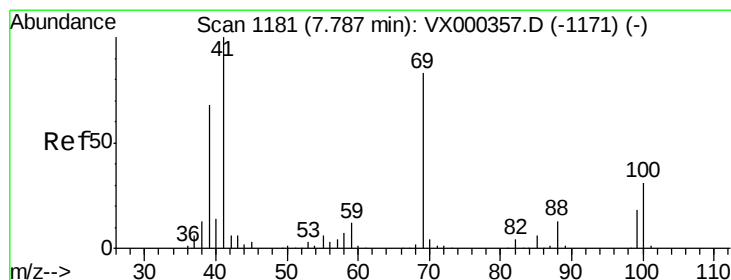
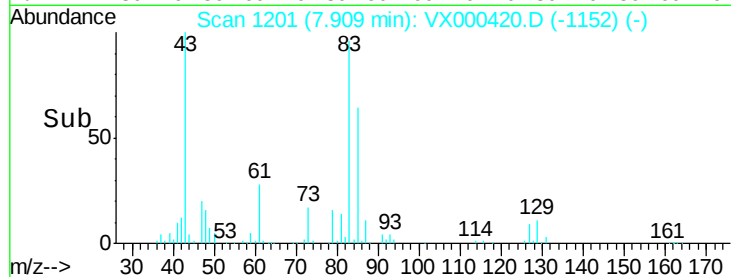
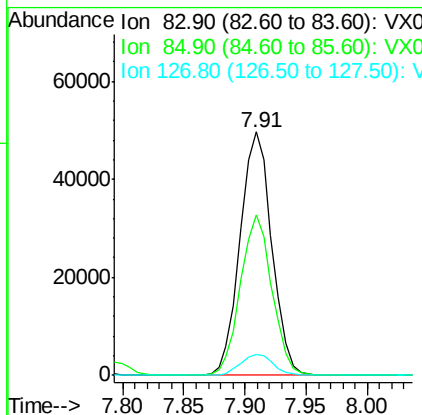
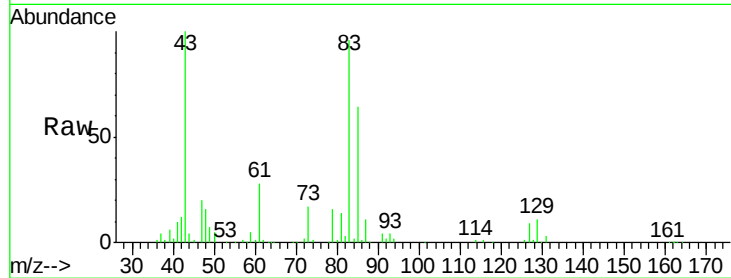
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	89392
Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.4	77.0
127	8.8	7.0	10.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.81 ug/l

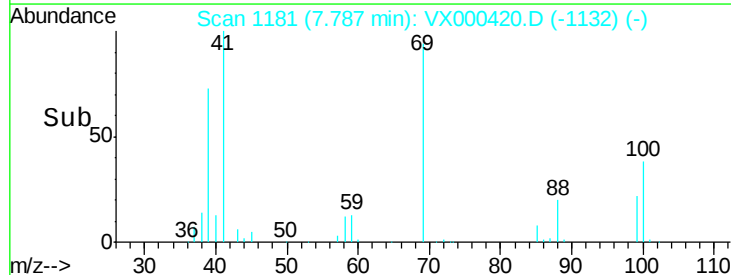
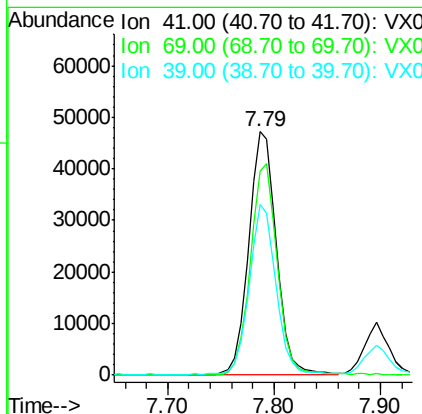
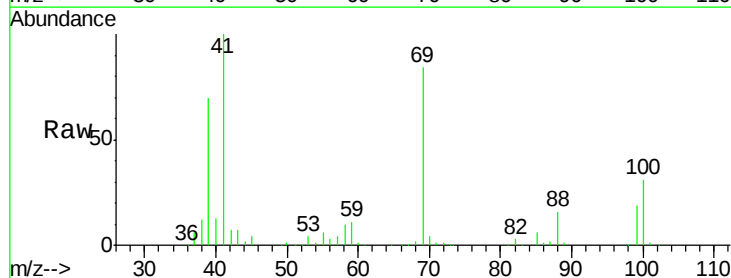
RT: 7.79 min Scan# 1181

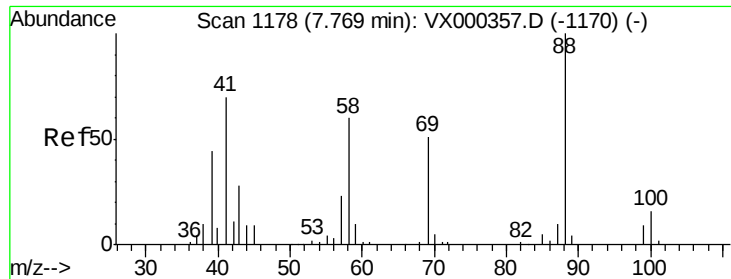
Delta R.T. -0.00 min

Lab File: VX000420.D

Acq: 22 Mar 2018 21:10

Tgt Ion:	41	Resp:	86234
Ion	Ratio	Lower	Upper
41	100		
69	84.9	68.2	102.4
39	67.2	54.6	81.8





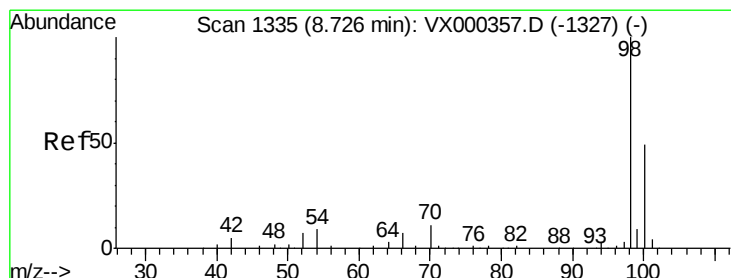
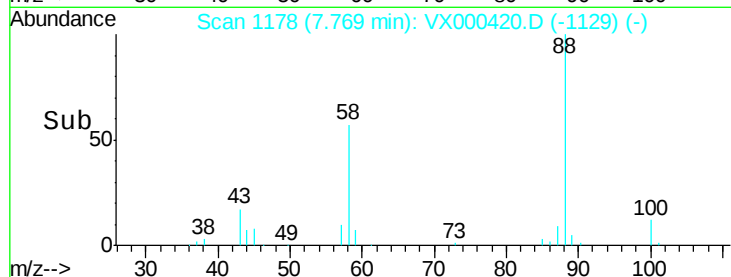
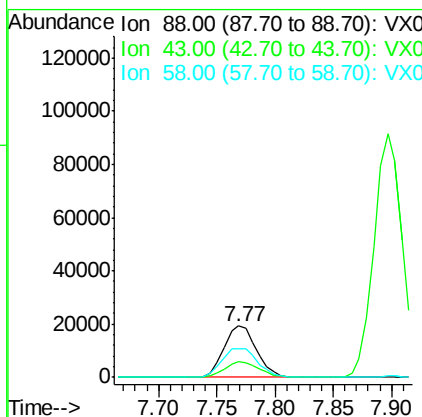
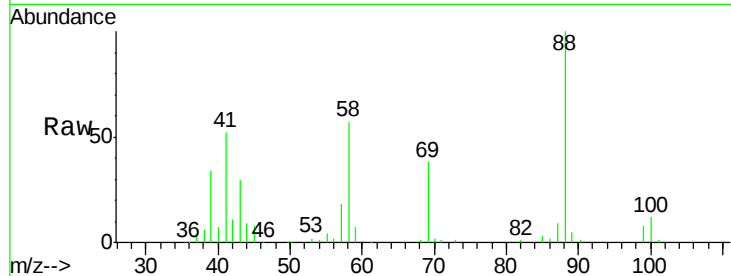
#49
 1,4-Dioxane
 Concen: 1107.94 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: VX000420.D
 Acq: 22 Mar 2018 21:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.3	26.8	40.2
58	63.1	52.2	78.2

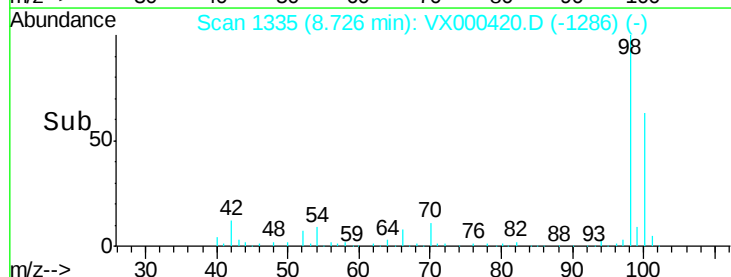
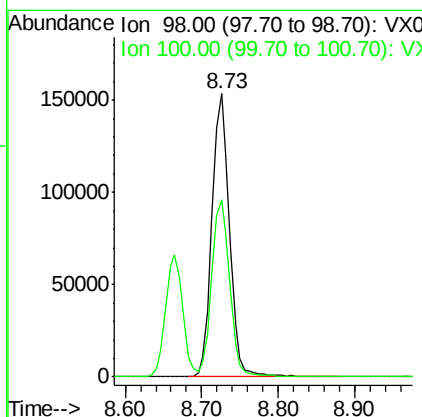
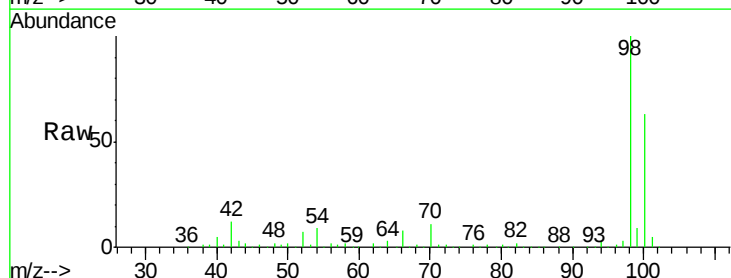
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#50
 Toluene-d8
 Concen: 53.80 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VX000420.D
 Acq: 22 Mar 2018 21:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 272.26 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. 0.01 min

Lab File: VX000420.D

Acq: 22 Mar 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 695664

Ion Ratio Lower Upper

43 100

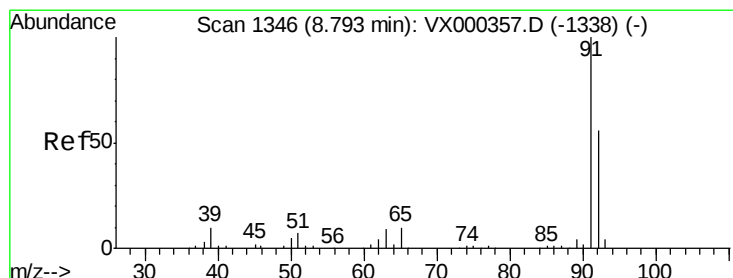
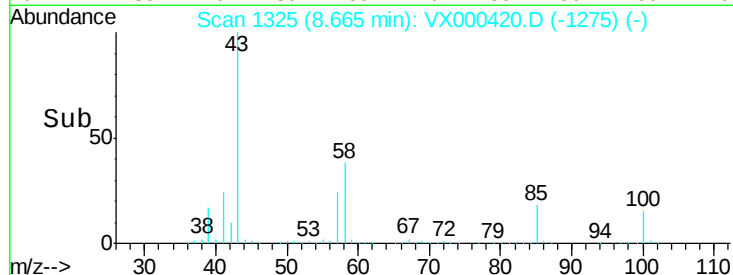
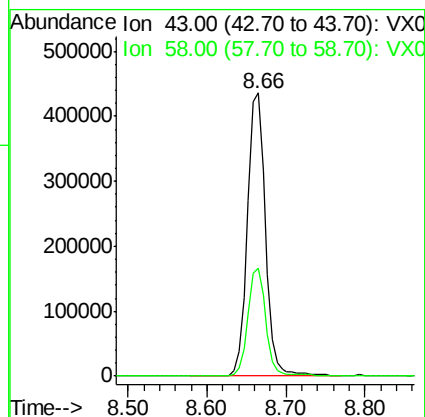
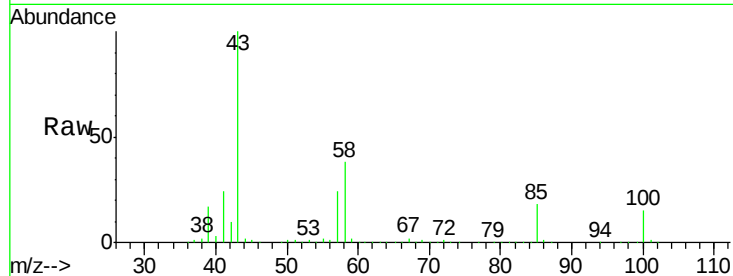
58 38.0 30.3 45.5

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#52

Toluene

Concen: 52.32 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000420.D

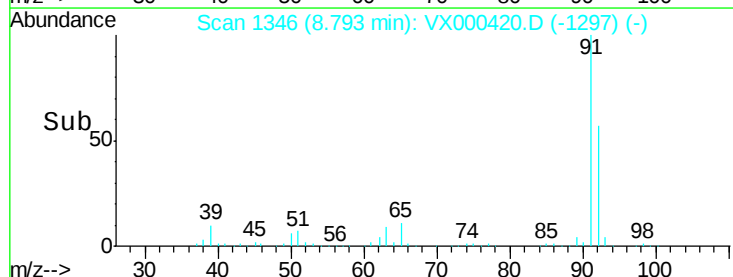
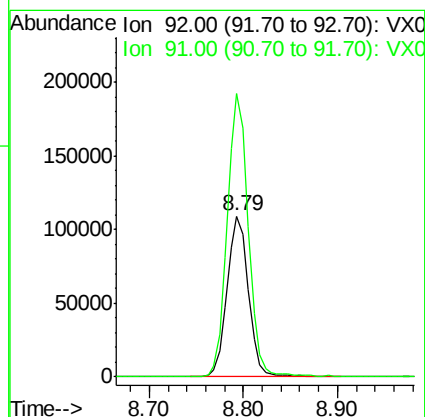
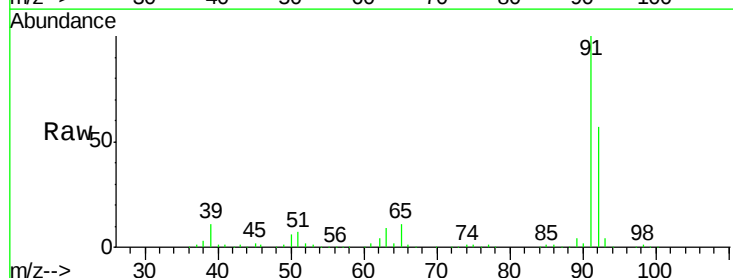
Acq: 22 Mar 2018 21:10

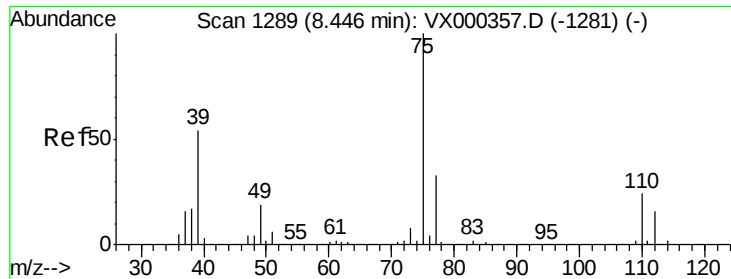
Tgt Ion: 92 Resp: 172438

Ion Ratio Lower Upper

92 100

91 173.9 140.2 210.2





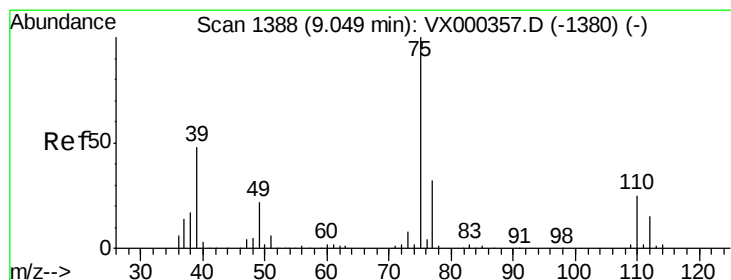
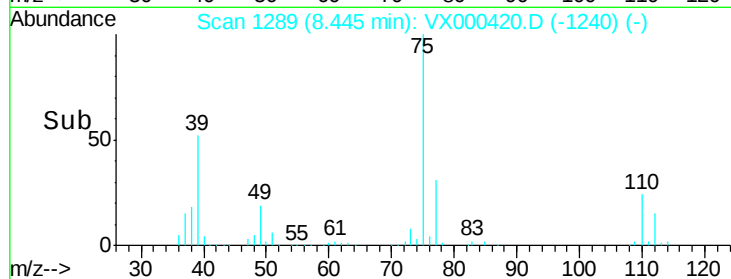
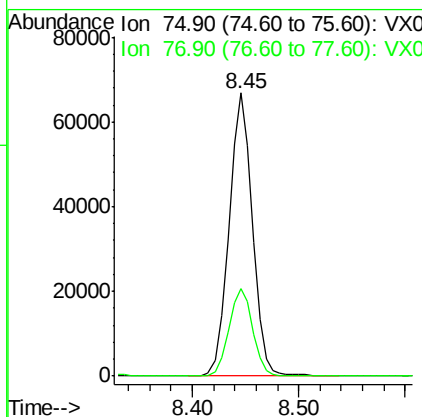
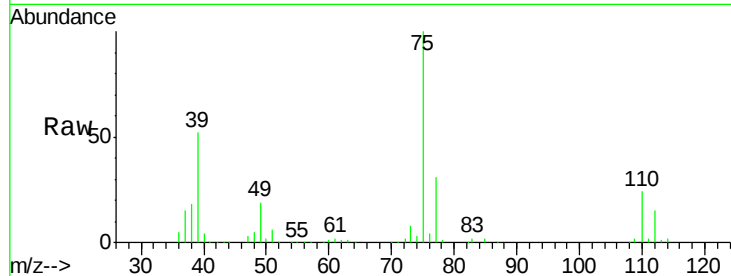
#53
t-1,3-Dichloropropene
Concen: 52.91 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX000420.D
Acq: 22 Mar 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	24.0	36.0

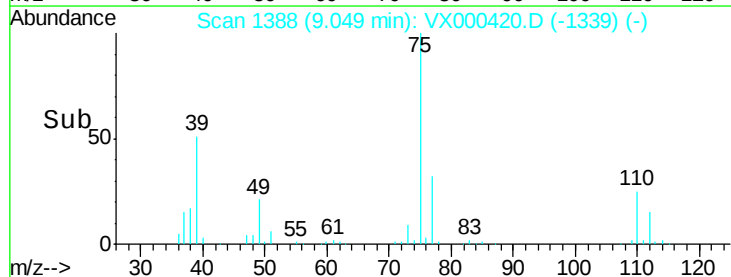
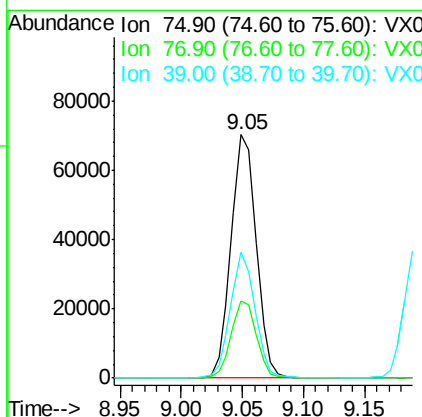
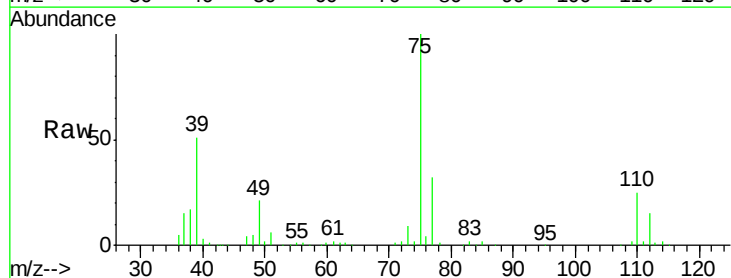
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#54
cis-1,3-Dichloropropene
Concen: 53.27 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX000420.D
Acq: 22 Mar 2018 21:10

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	26.1	39.1
39	51.3	39.8	59.6





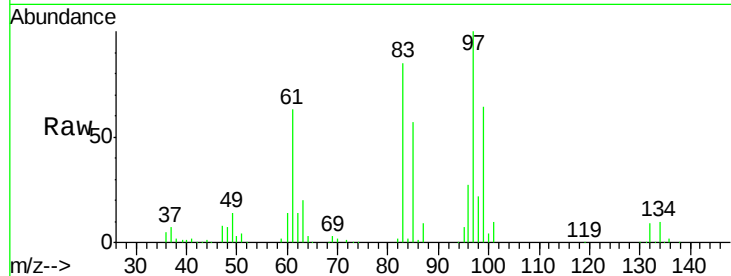
#55
 1,1,2-Trichloroethane
 Concen: 54.01 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000420.D
 Acq: 22 Mar 2018 21:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

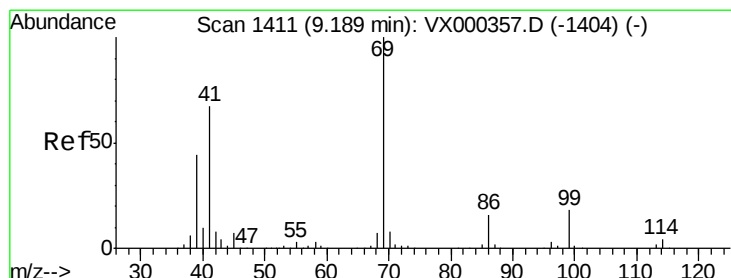
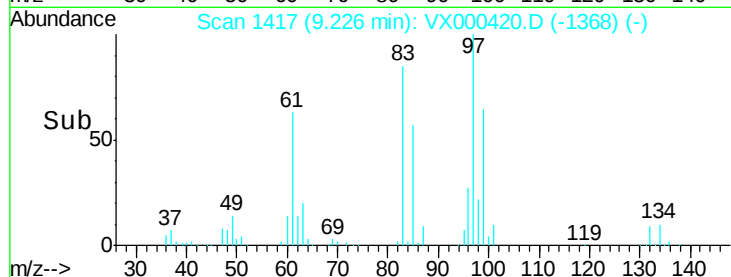
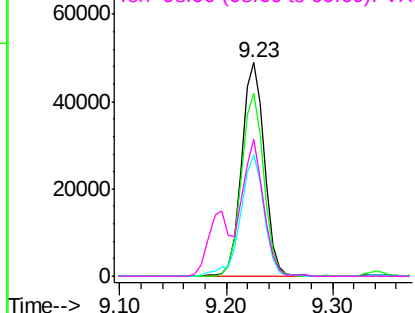
Tot Ion:	97	Resp:	73211
Ion	Ratio	Lower	Upper
97	100		
83	85.4	67.9	101.9
85	56.9	42.8	64.2
99	64.1	49.4	74.2

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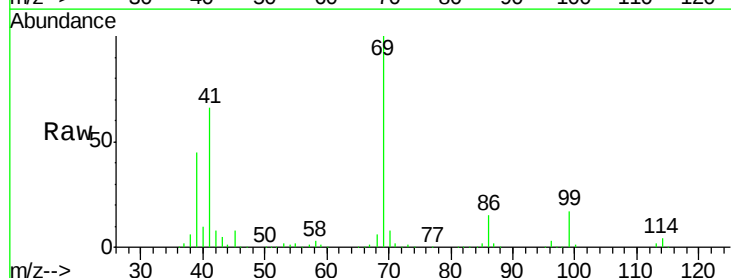


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

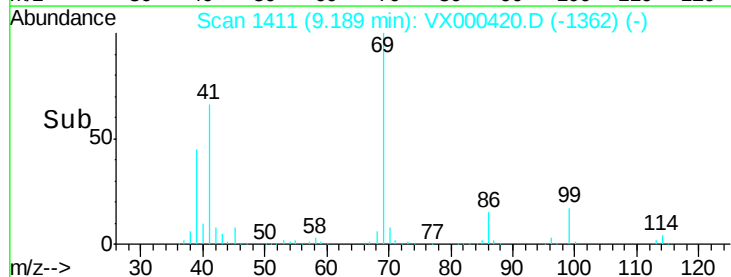
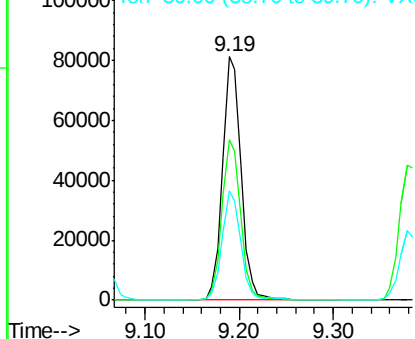


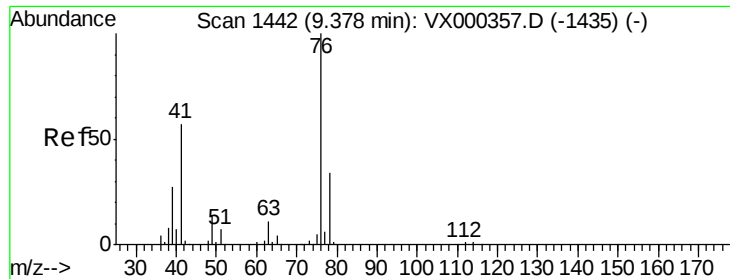
#56
 Ethyl methacrylate
 Concen: 54.20 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000420.D
 Acq: 22 Mar 2018 21:10

Tgt Ion:	69	Resp:	111312
Ion	Ratio	Lower	Upper
69	100		
41	66.2	53.0	79.6
39	44.7	35.3	52.9



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





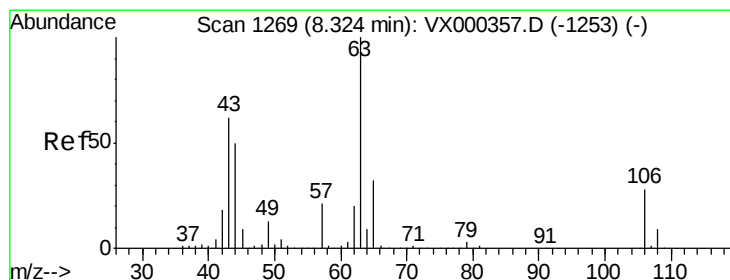
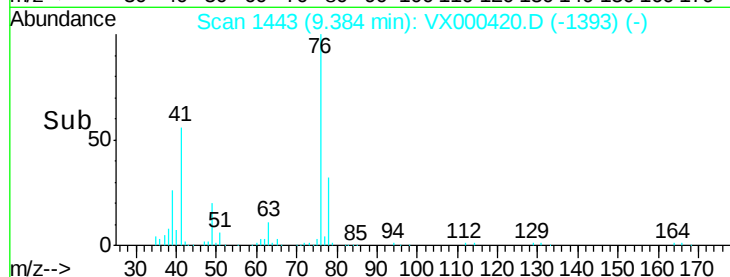
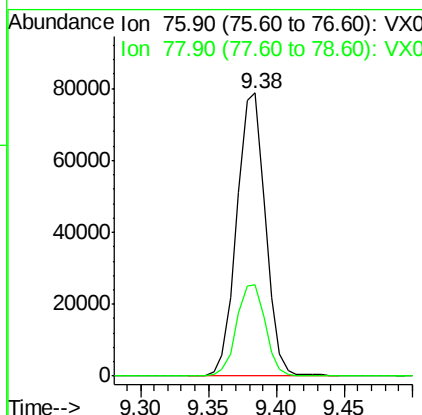
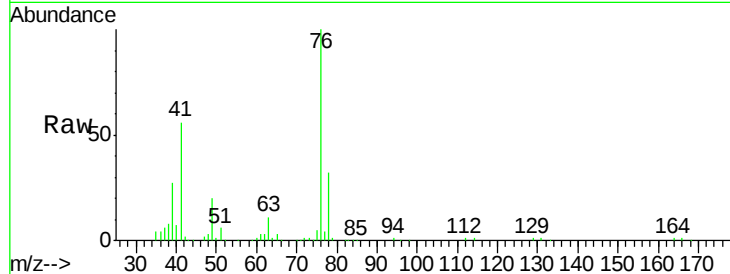
#57
 1,3-Dichloropropane
 Concen: 53.40 ug/l
 RT: 9.38 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: VX000420.D
 Acq: 22 Mar 2018 21:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 115759
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.4 39.6

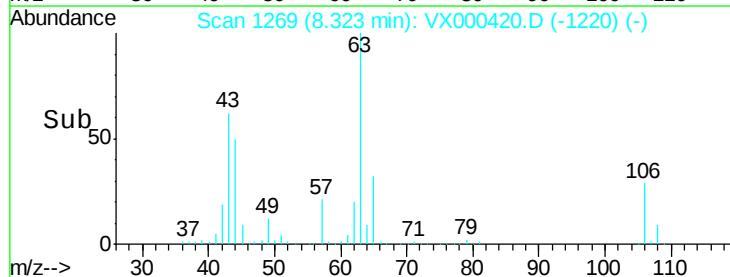
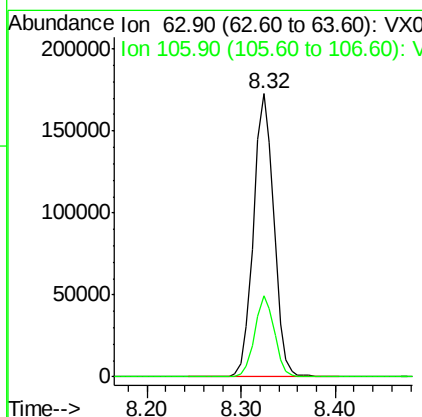
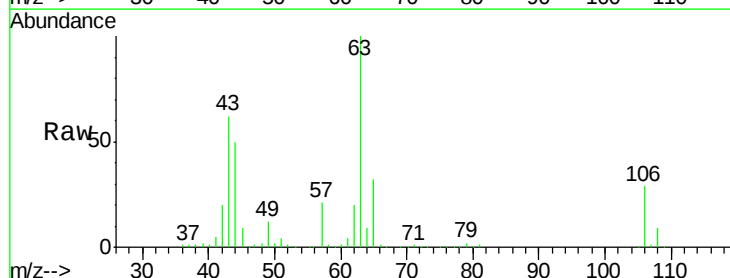
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#58
 2-Chloroethyl Vinyl ether
 Concen: 264.93 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000420.D
 Acq: 22 Mar 2018 21:10

Tgt Ion: 63 Resp: 261154
 Ion Ratio Lower Upper
 63 100
 106 27.7 23.2 34.8





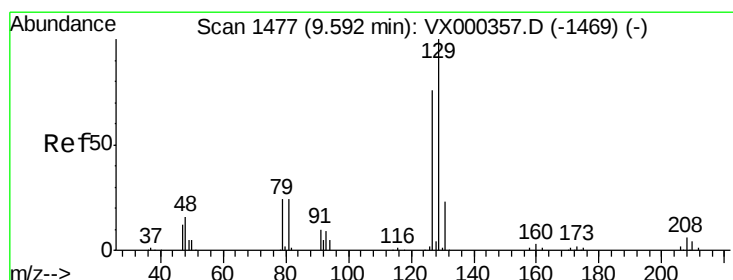
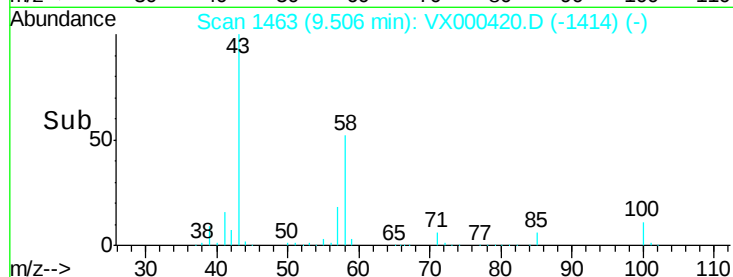
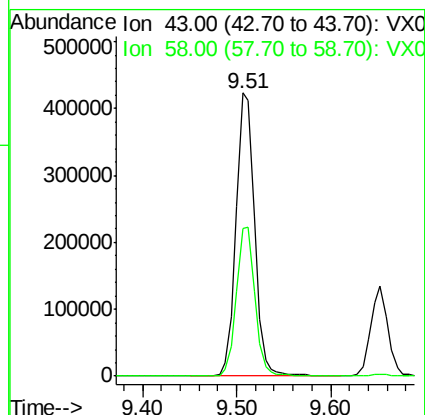
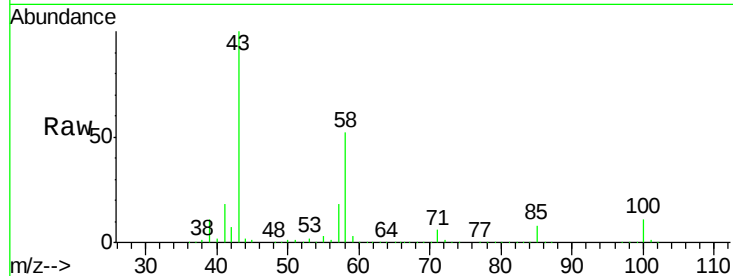
#59
2-Hexanone
Concen: 266.68 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000420.D
Acq: 22 Mar 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 578583
Ion Ratio Lower Upper
43 100
58 52.7 26.6 79.7

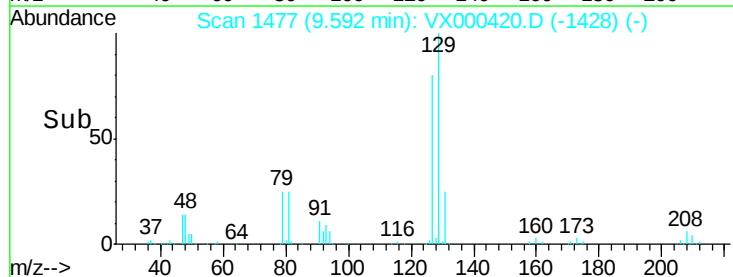
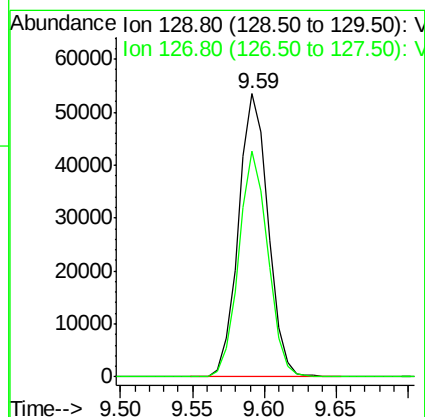
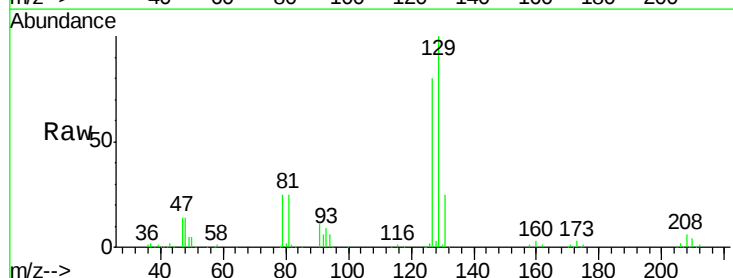
Manual Integrations
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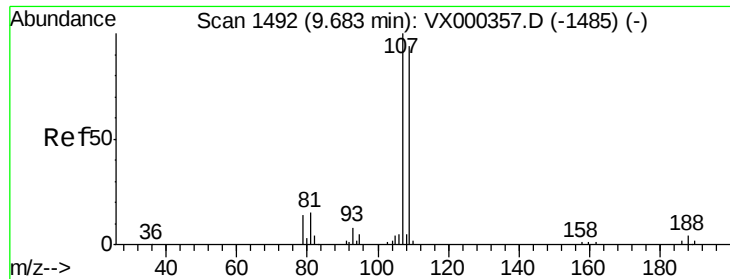
sam
3/23/2018 1:53:12 PM



#60
Dibromochloromethane
Concen: 47.96 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000420.D
Acq: 22 Mar 2018 21:10

Tgt Ion: 129 Resp: 76628
Ion Ratio Lower Upper
129 100
127 78.2 37.9 113.6





#61

1,2-Dibromoethane

Concen: 53.73 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000420.D

Acq: 22 Mar 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 78101

Ion Ratio Lower Upper

107 100

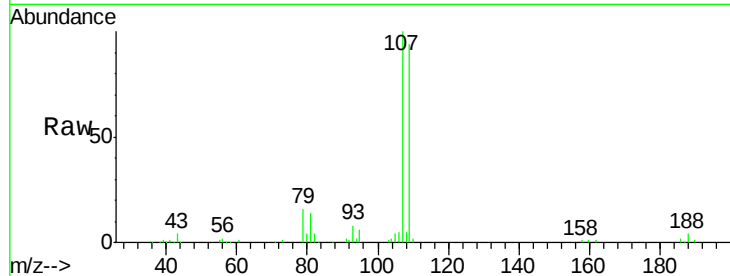
109 93.8 76.1 114.1

Manual Integrations

APPROVED

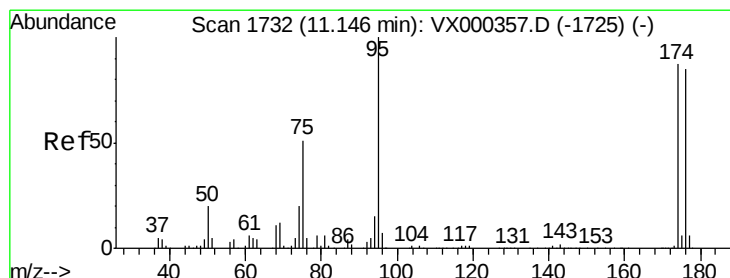
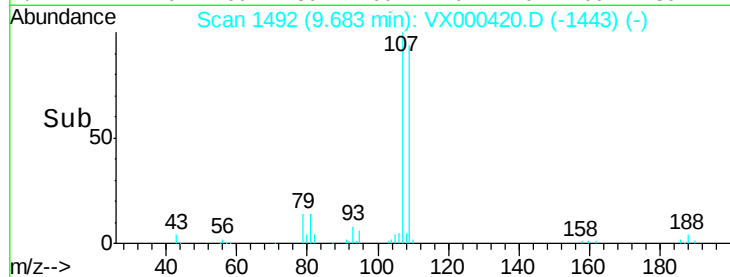
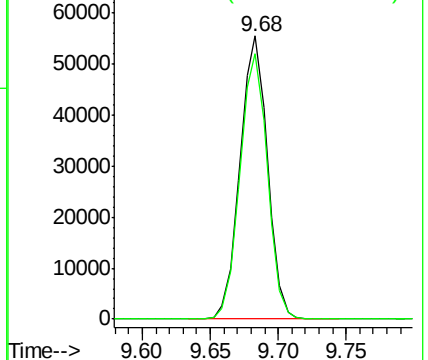
sam

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.74 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000420.D

Acq: 22 Mar 2018 21:10

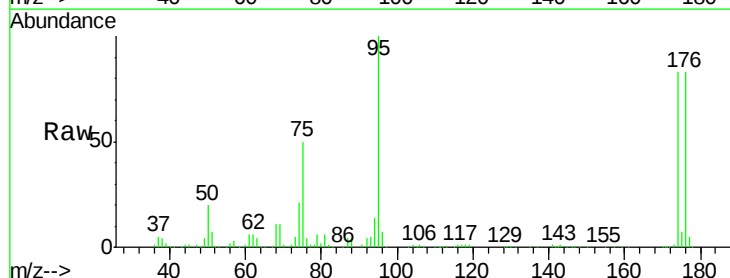
Tgt Ion: 95 Resp: 92834

Ion Ratio Lower Upper

95 100

174 85.7 0.0 173.6

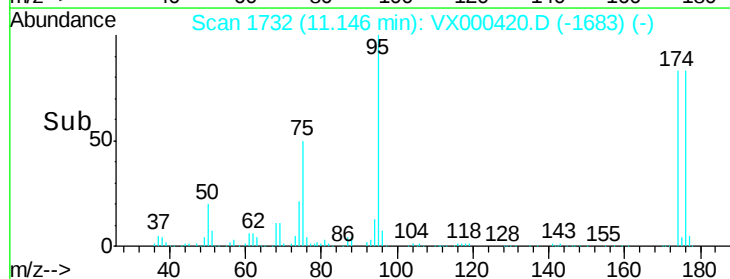
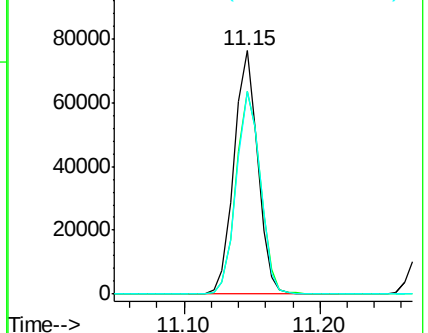
176 84.4 0.0 164.6

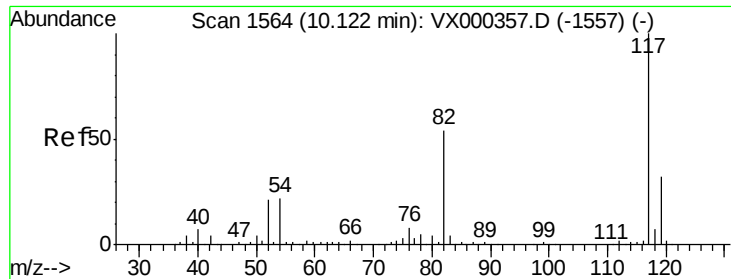


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





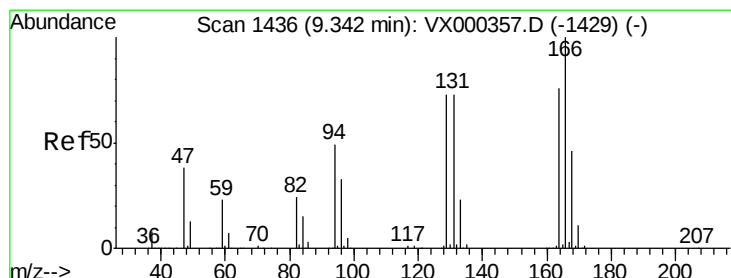
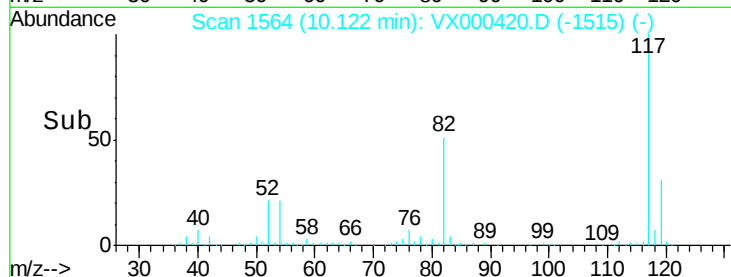
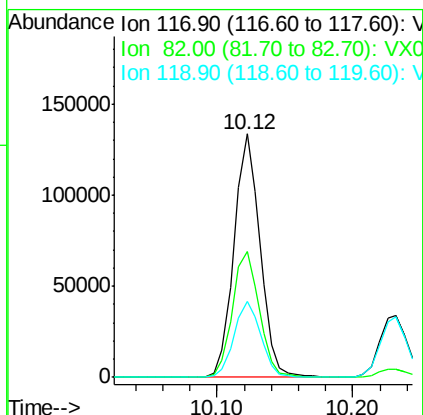
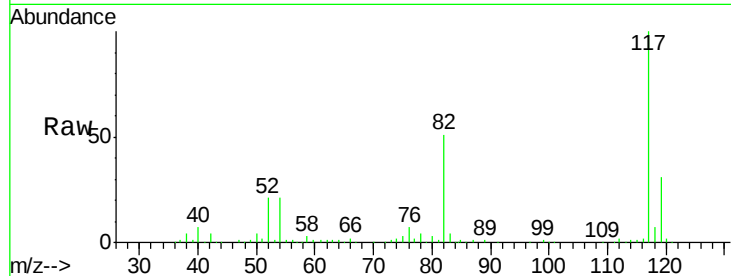
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000420.D
Acq: 22 Mar 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.5	43.8	65.8
119	31.2	24.9	37.3

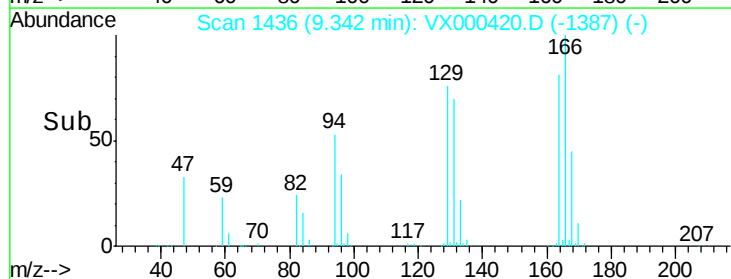
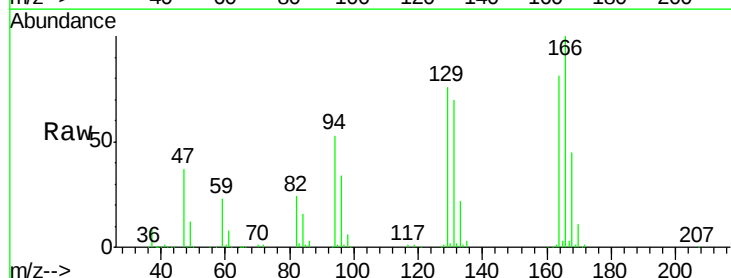
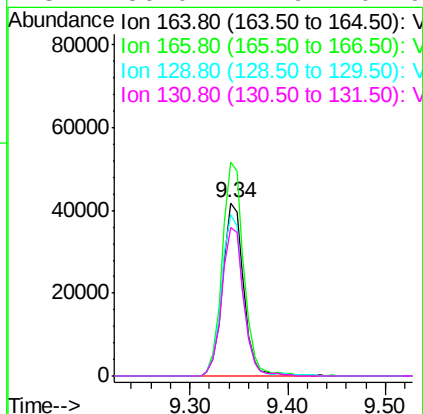
Manual Integrations
APPROVED

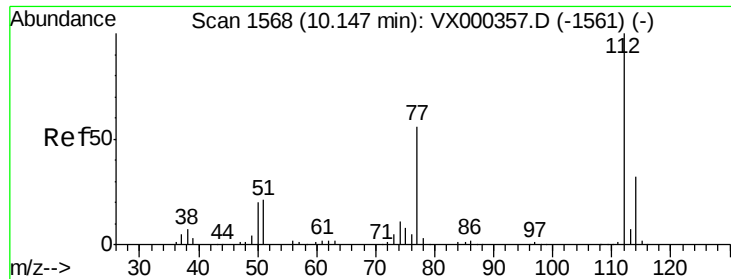
sam
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#64
Tetrachloroethene
Concen: 45.01 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000420.D
Acq: 22 Mar 2018 21:10

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.5	101.0	151.6
129	93.6	79.0	118.4
131	86.0	71.9	107.9





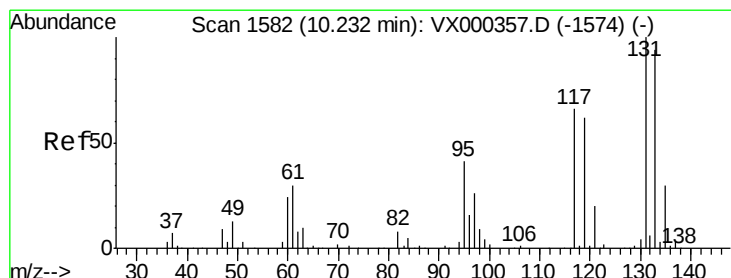
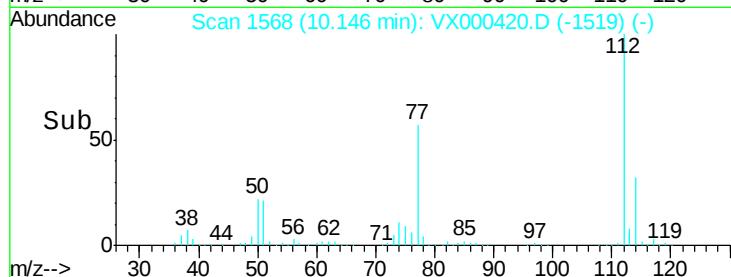
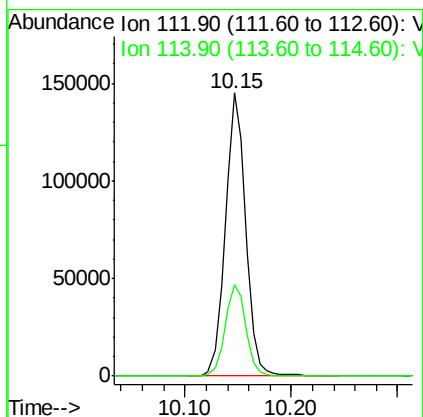
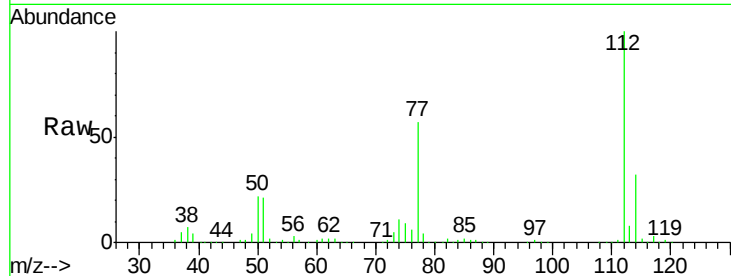
#65
Chlorobenzene
Concen: 48.85 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000420.D
Acq: 22 Mar 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 194138
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5

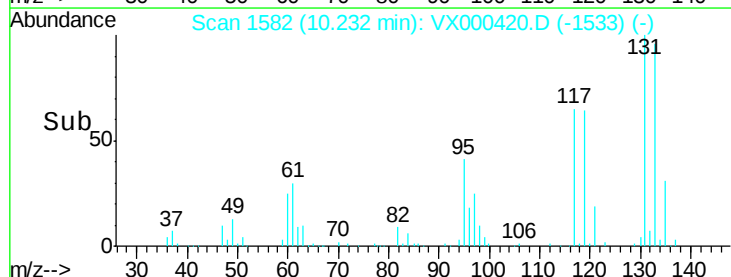
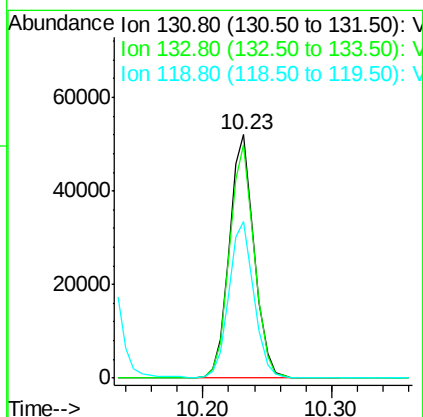
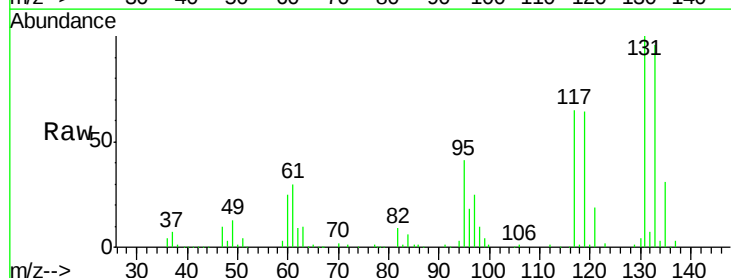
Manual Integrations
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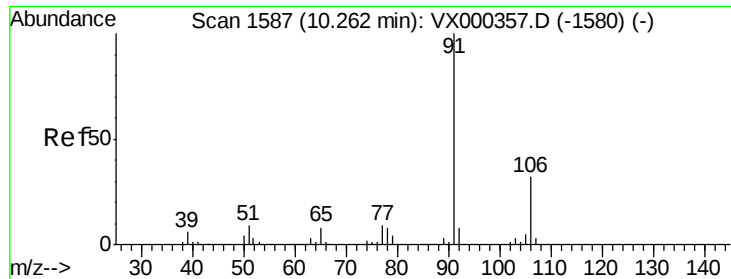
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.89 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000420.D
Acq: 22 Mar 2018 21:10

Tgt Ion:131 Resp: 70043
Ion Ratio Lower Upper
131 100
133 96.0 47.1 141.3
119 65.1 33.1 99.2





#67

Ethyl Benzene

Concen: 50.45 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. -0.00 min

Lab File: VX000420.D

Acq: 22 Mar 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 339862

Ion Ratio Lower Upper

91 100

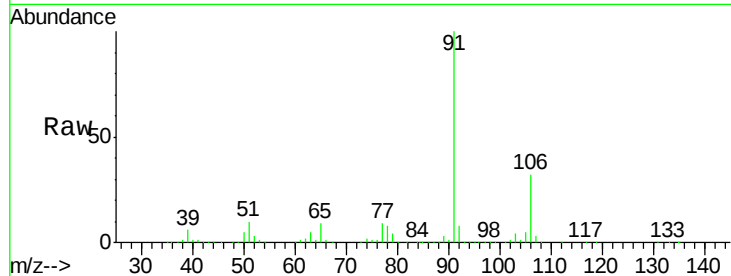
106 31.9 25.0 37.6

Manual Integrations

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sam

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Abundance Ion 91.00 (90.70 to 91.70): VX000420.D (-1538) (-)

Ion 106.00 (105.70 to 106.70): VX000420.D (-1538) (-)

400000

300000

200000

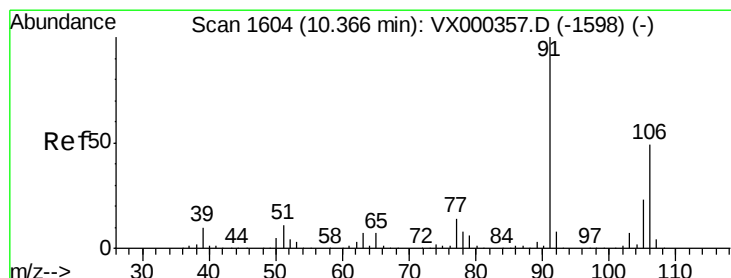
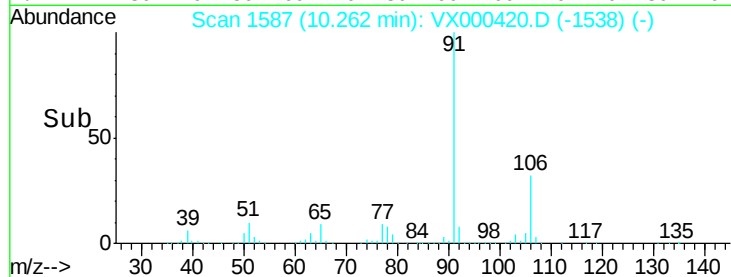
100000

0

10.20

10.30

Time-->



#68

m/p-Xylenes

Concen: 102.24 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000420.D

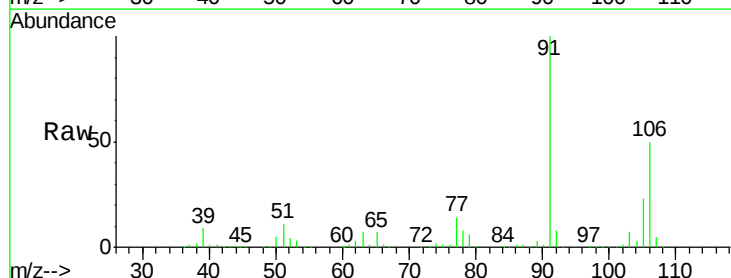
Acq: 22 Mar 2018 21:10

Tgt Ion: 106 Resp: 271044

Ion Ratio Lower Upper

106 100

91 200.0 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): VX000420.D (-1555) (-)

Ion 91.00 (90.70 to 91.70): VX000420.D (-1555) (-)

400000

300000

200000

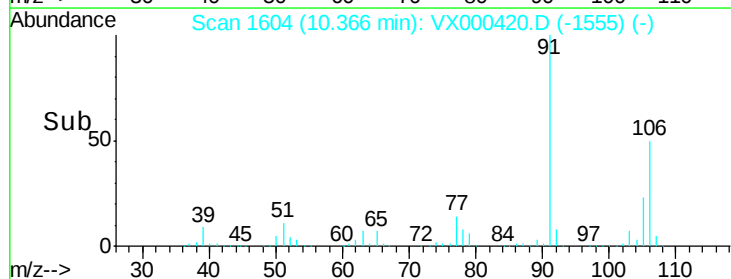
100000

0

10.30

10.40

Time-->





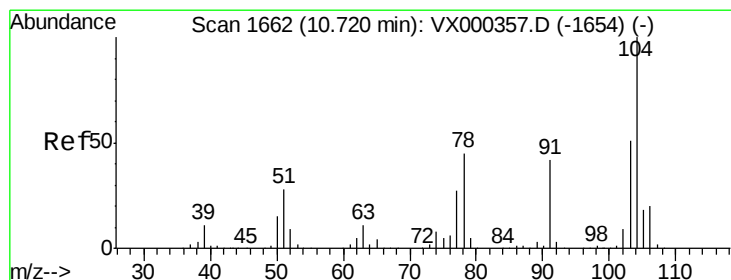
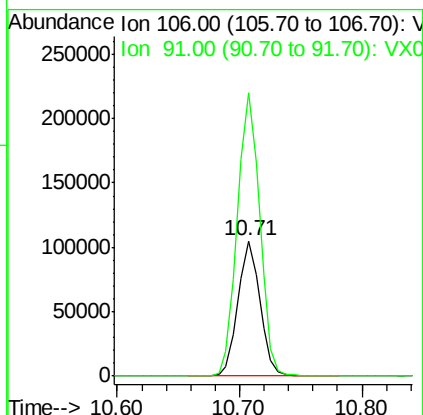
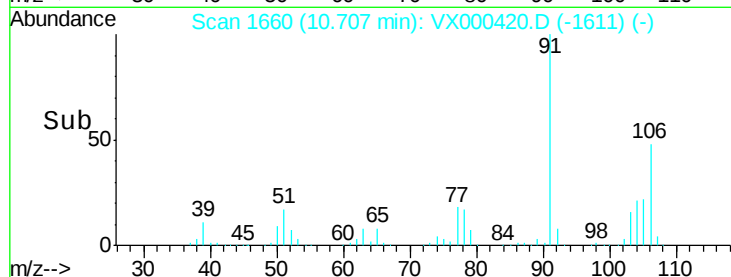
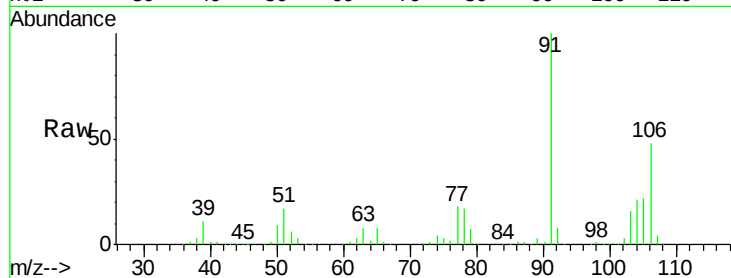
#69
o-Xylene
Concen: 50.77 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000420.D
Acq: 22 Mar 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 130305
Ion Ratio Lower Upper
106 100
91 213.8 106.5 319.6

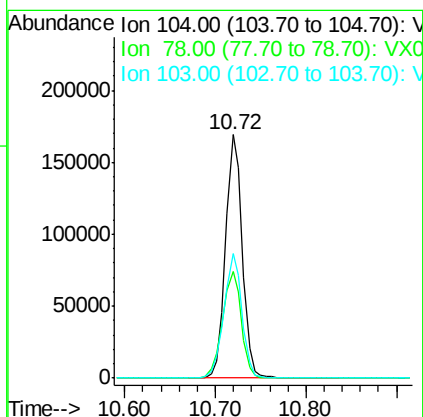
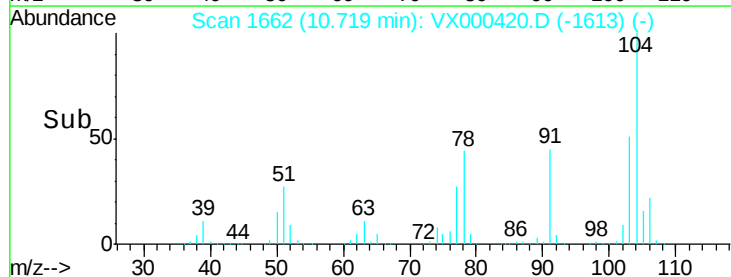
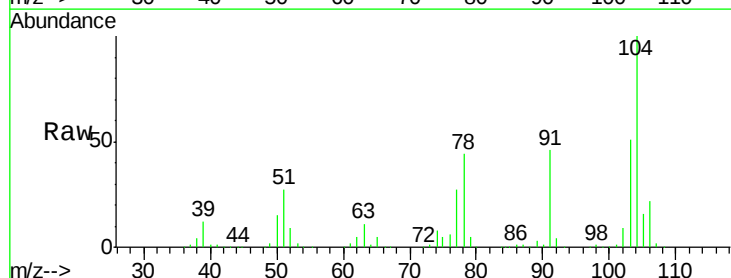
Manual Integrations
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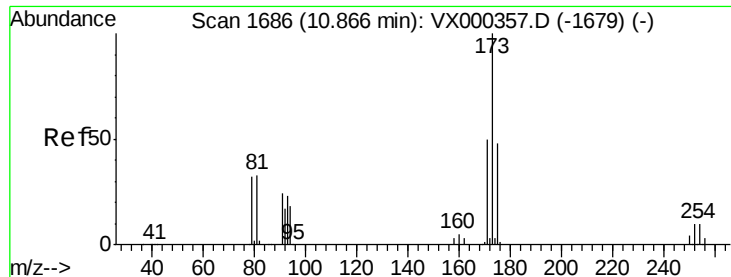
sam
3/23/2018 1:53:12 PM



#70
Styrene
Concen: 50.98 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000420.D
Acq: 22 Mar 2018 21:10

Tgt Ion:104 Resp: 216535
Ion Ratio Lower Upper
104 100
78 50.0 40.5 60.7
103 55.3 45.7 68.5





#71

Bromoform

Concen: 43.94 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000420.D

Acq: 22 Mar 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 60905

Ion Ratio Lower Upper

173 100

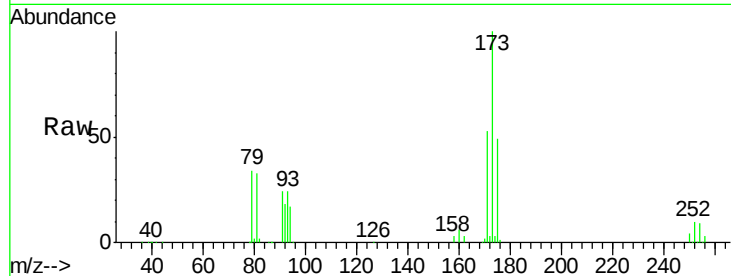
175 48.9 25.4 76.4

254 0.1 0.0 0.0#

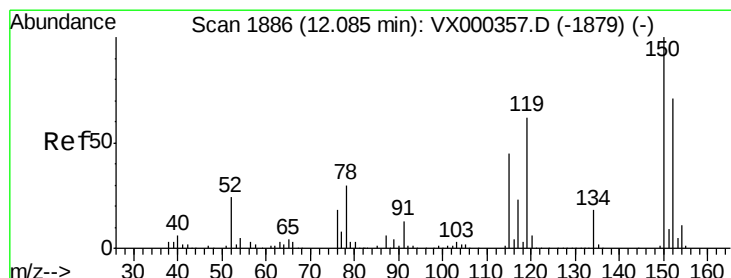
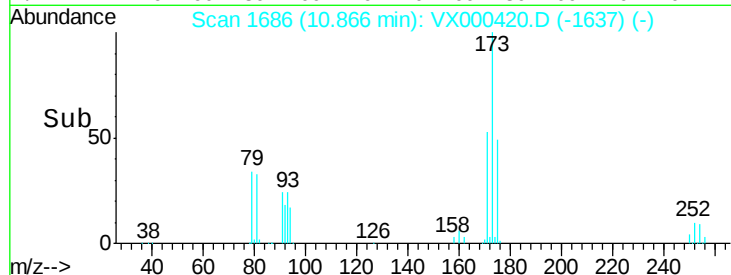
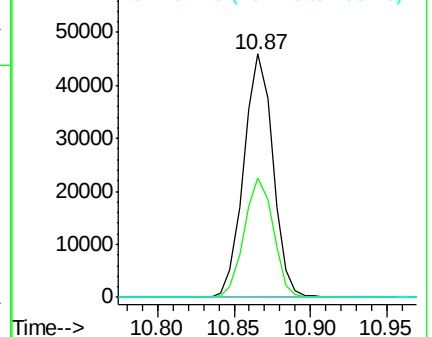
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000420.D

Acq: 22 Mar 2018 21:10

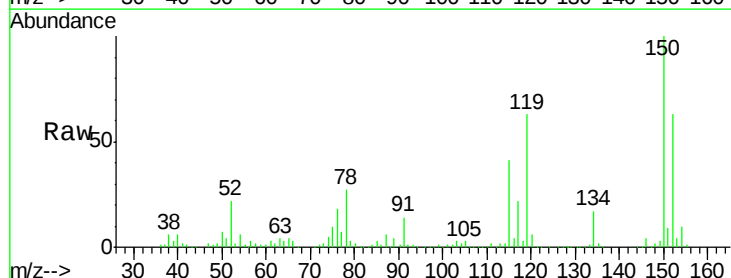
Tgt Ion:152 Resp: 104212

Ion Ratio Lower Upper

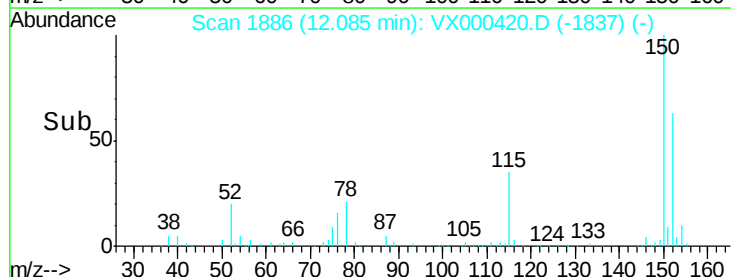
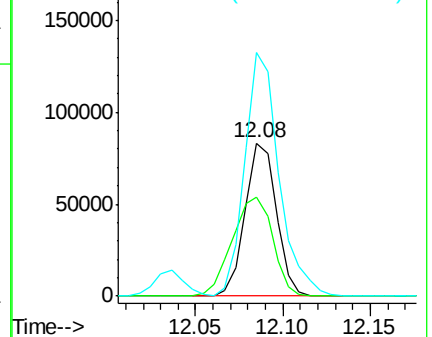
152 100

115 83.5 39.8 119.3

150 173.7 0.0 344.4



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: 50.79 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000420.D

Acq: 22 Mar 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 350694

Ion Ratio Lower Upper

105 100

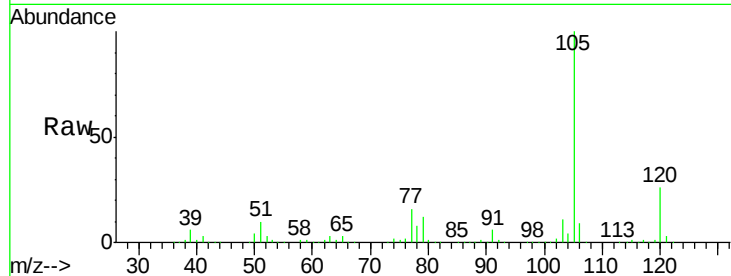
120 27.1 13.6 40.7

Manual Integrations

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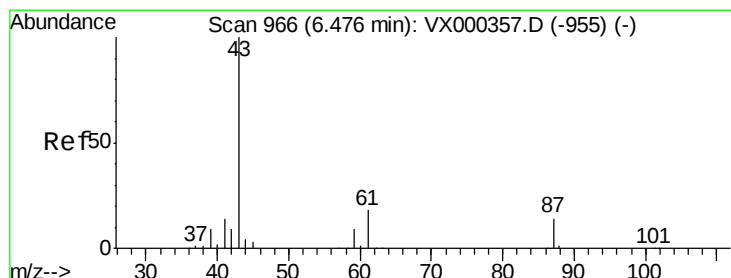
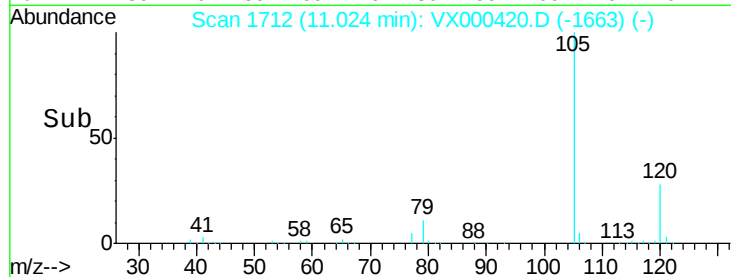
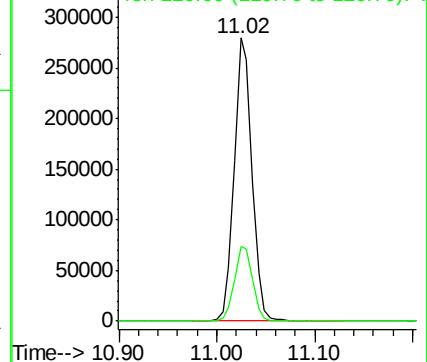
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 58.47 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000420.D

Acq: 22 Mar 2018 21:10

Tgt Ion: 43 Resp: 174287

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

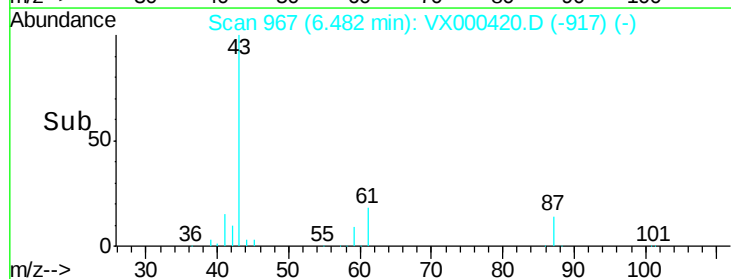
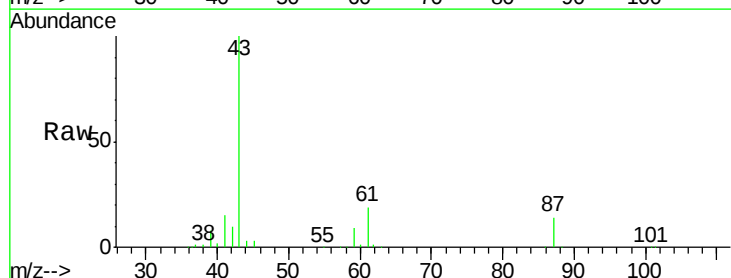
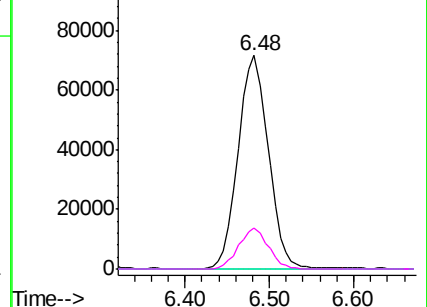
61 18.9 14.4 21.6

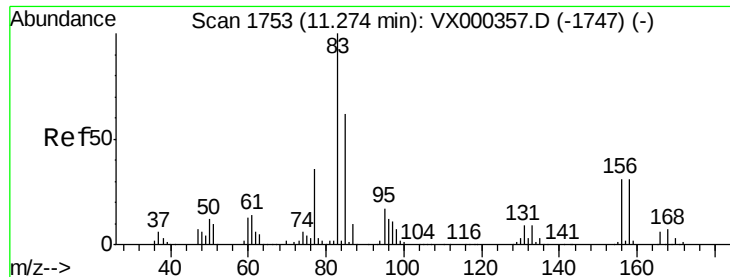
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.79 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000420.D

Acq: 22 Mar 2018 21:10

Instrument :

MSVOA_X

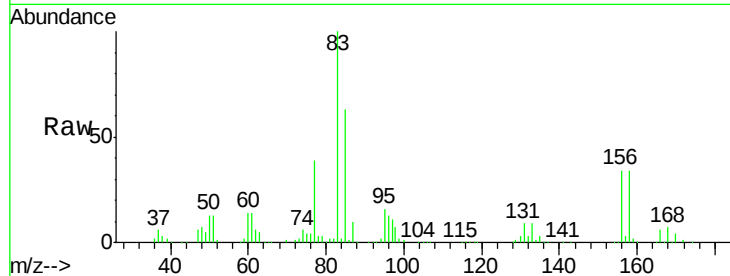
ClientSampleId :

VSTDCCC050EC

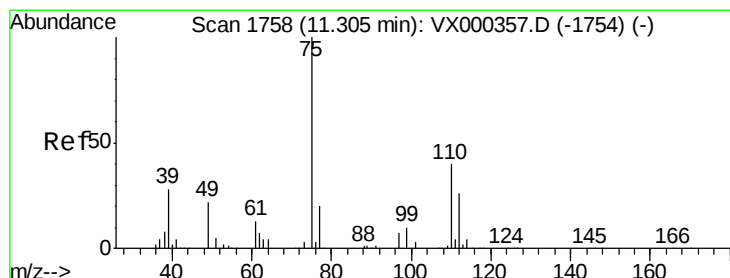
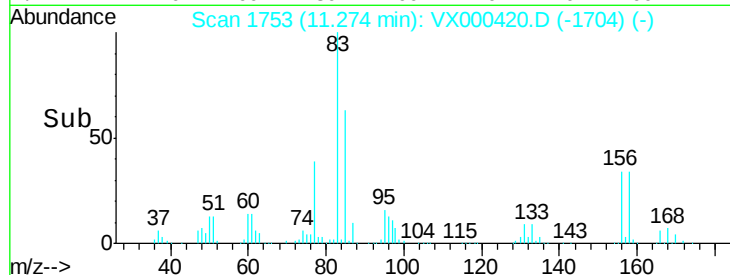
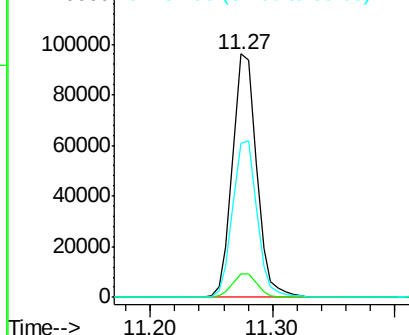
Tot Ion:	83	Resp:	131364
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.0	14.9
85	64.7	32.5	97.5

Manual Integrations
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sam
3/23/2018 1:53:12 PM



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 50.22 ug/l m

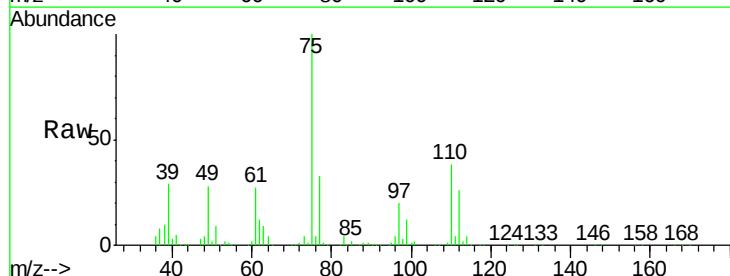
RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

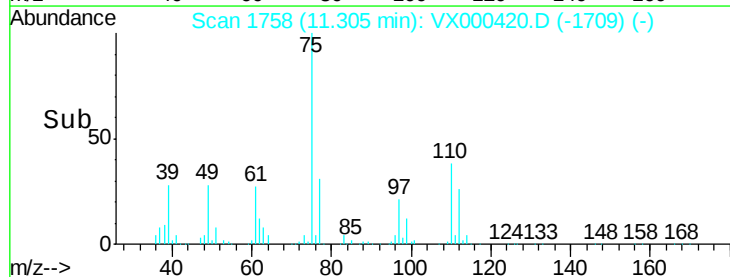
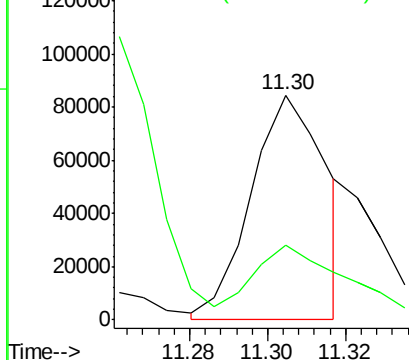
Lab File: VX000420.D

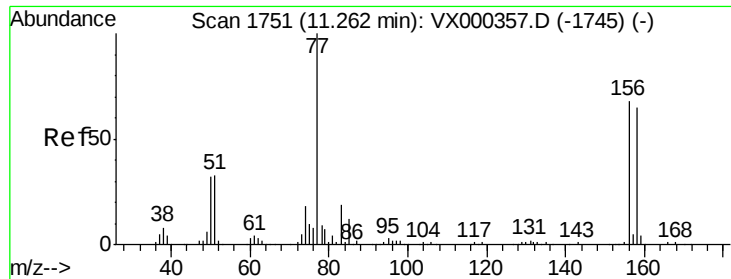
Acq: 22 Mar 2018 21:10

Tgt Ion:	75	Resp:	112476
Ion Ratio	Lower	Upper	
75	100		
77	42.2	21.4	64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.54 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000420.D

Acq: 22 Mar 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 89285

Ion Ratio Lower Upper

156 100

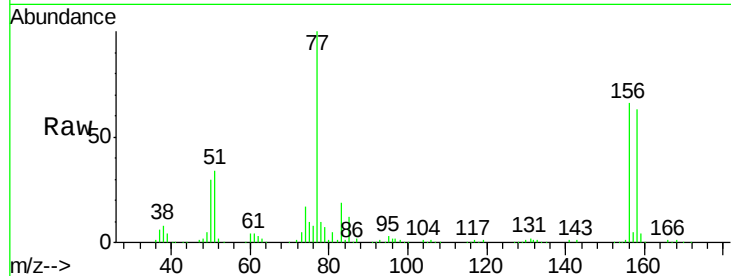
77 147.6 73.4 220.2

158 96.6 48.5 145.6

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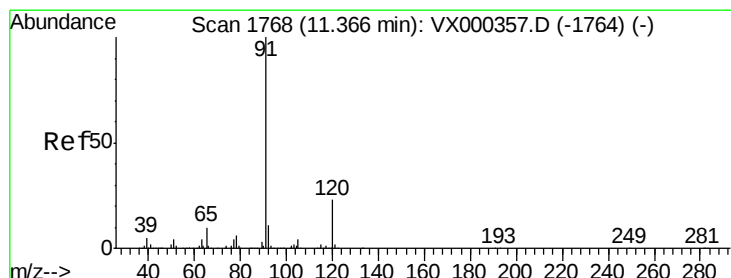
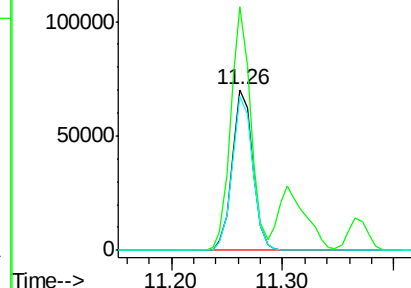
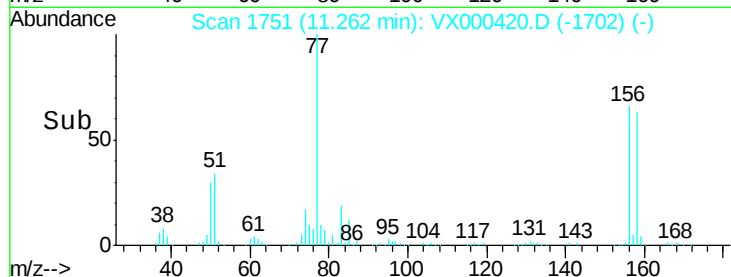
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.98 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000420.D

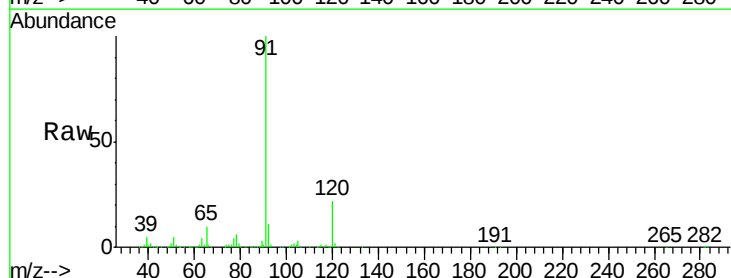
Acq: 22 Mar 2018 21:10

Tgt Ion: 91 Resp: 411449

Ion Ratio Lower Upper

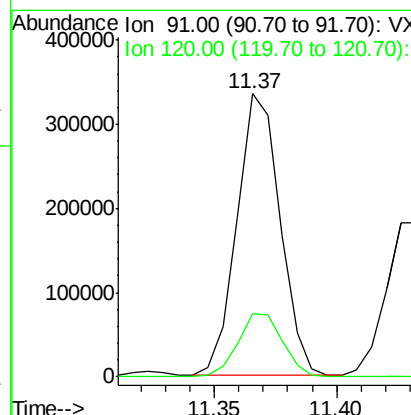
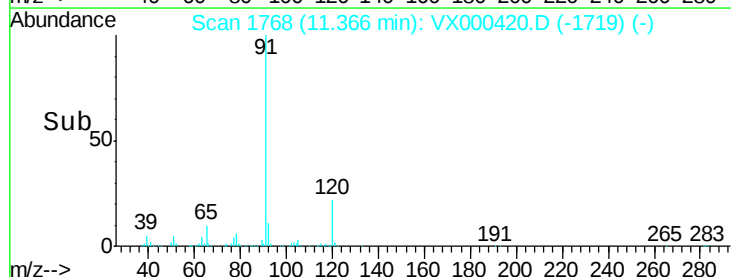
91 100

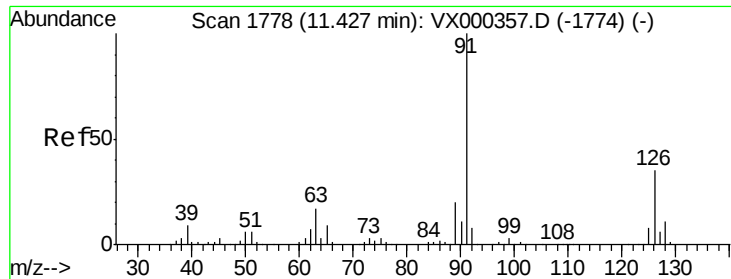
120 23.4 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





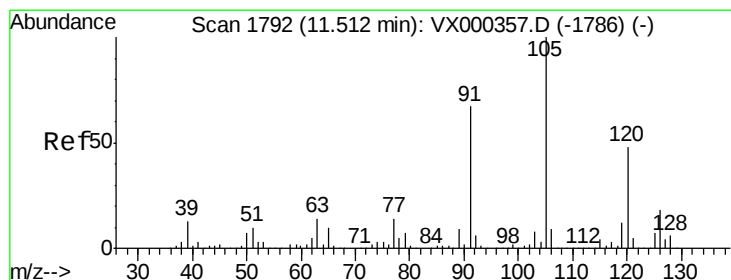
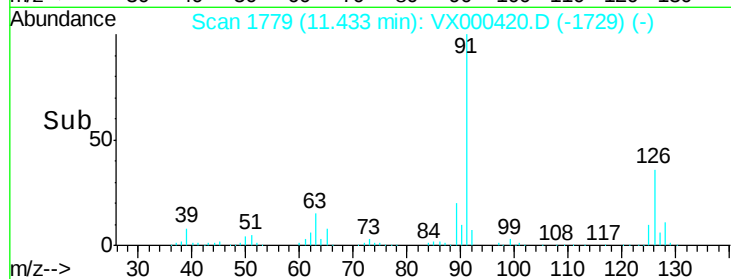
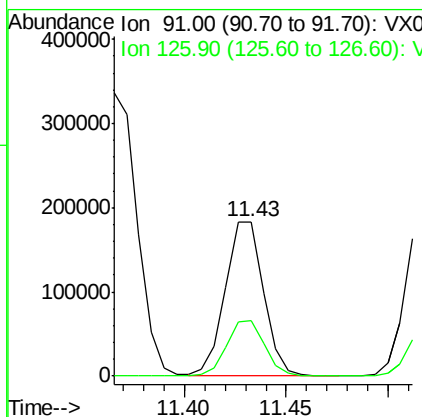
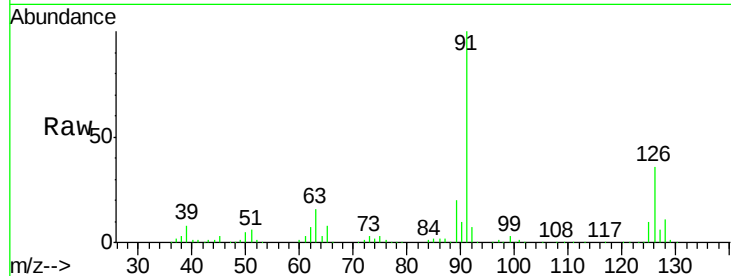
#79
 2-Chlorotoluene
 Concen: 49.82 ug/l
 RT: 11.43 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX000420.D
 Acq: 22 Mar 2018 21:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 236958
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.7 53.1

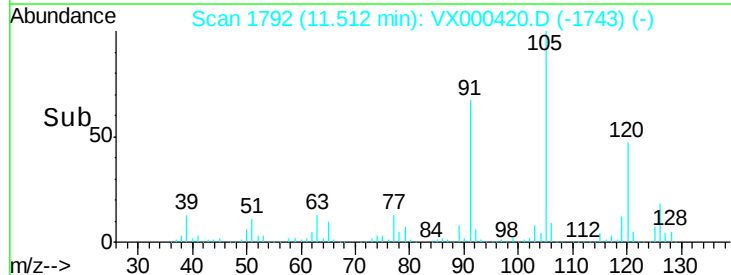
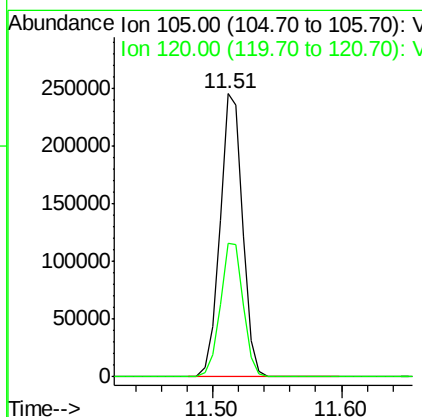
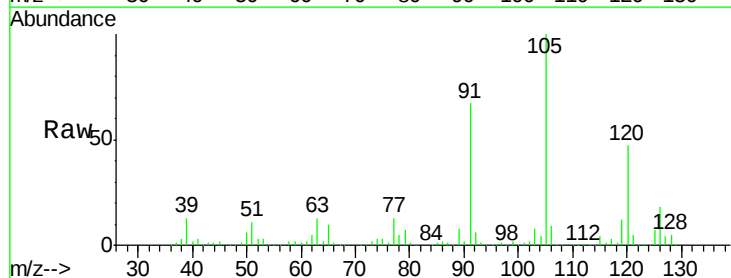
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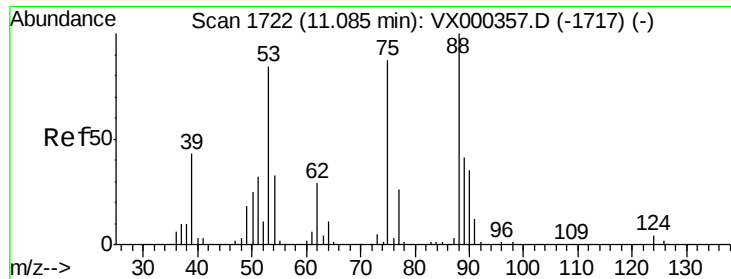
sam
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#80
 1,3,5-Trimethylbenzene
 Concen: 52.29 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000420.D
 Acq: 22 Mar 2018 21:10

Tgt Ion: 105 Resp: 303609
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.1 72.4





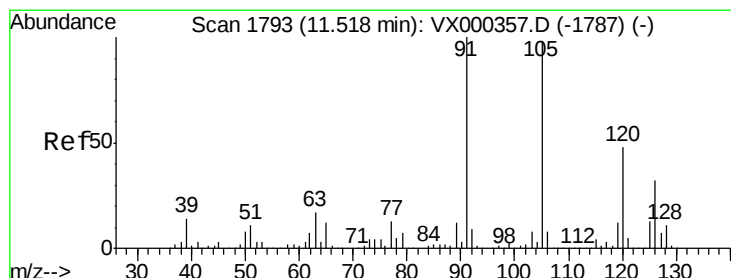
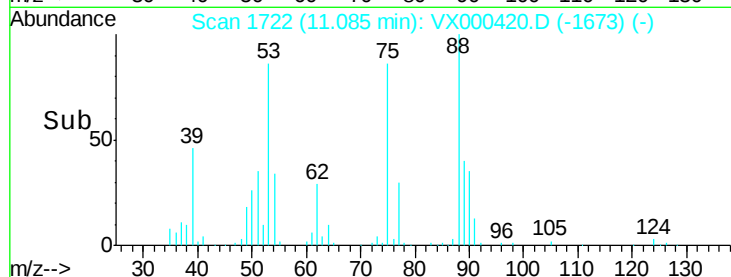
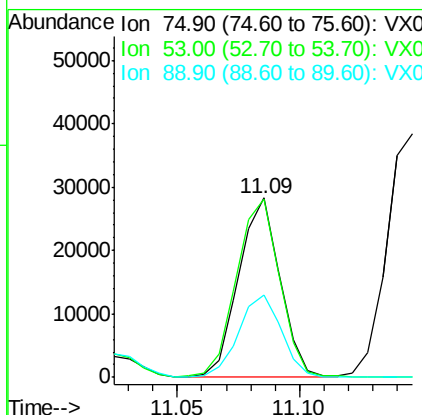
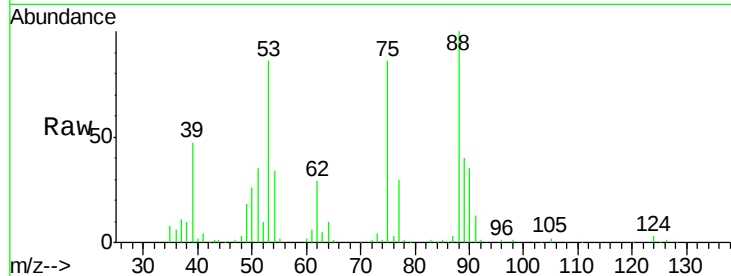
#81
trans-1,4-Dichloro-2-butene
Concen: 48.38 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000420.D
Acq: 22 Mar 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.2	80.7	121.1
89	47.4	39.4	59.0

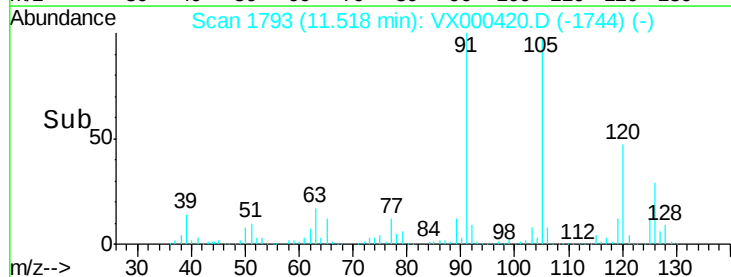
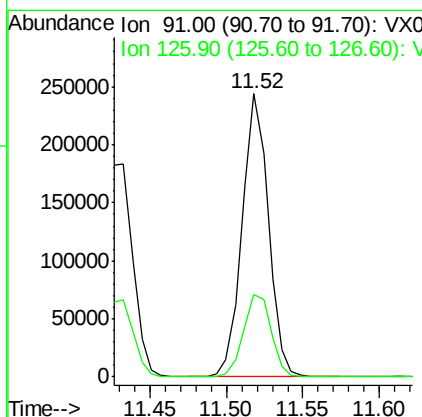
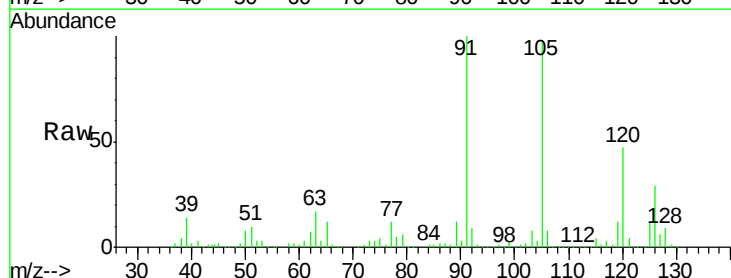
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#82
4-Chlorotoluene
Concen: 51.12 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000420.D
Acq: 22 Mar 2018 21:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.4	46.1





#83

tert-Butylbenzene

Concen: 52.05 ug/l

RT: 11.78 min Scan# 1836

Delta R.T. -0.00 min

Lab File: VX000420.D

Acq: 22 Mar 2018 21:10

Instrument :

MSVOA_X

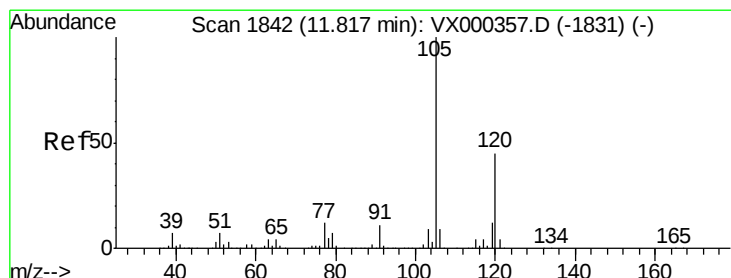
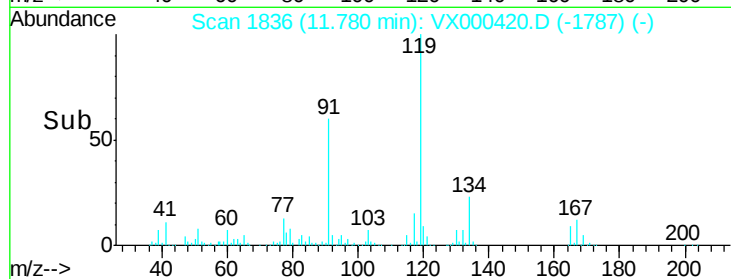
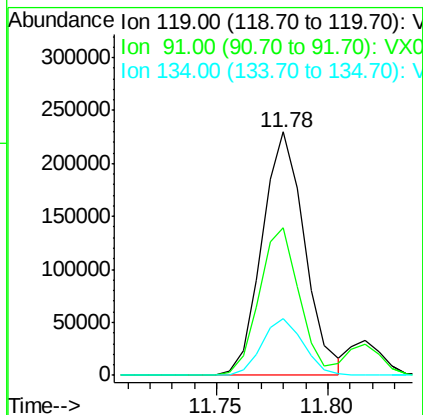
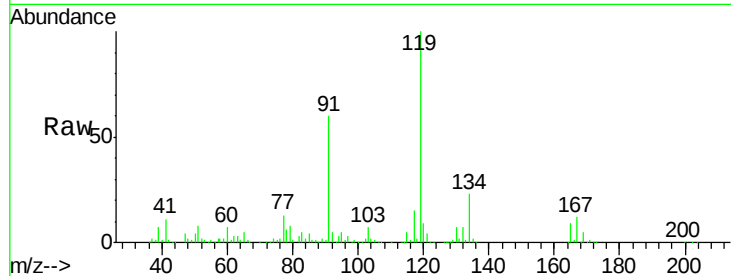
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	304752
Ion Ratio	Lower	Upper	
119	100		
91	57.0	28.8	86.4
134	22.8	11.4	34.1

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 51.00 ug/l

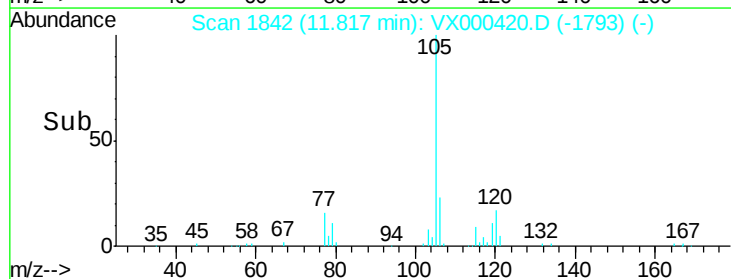
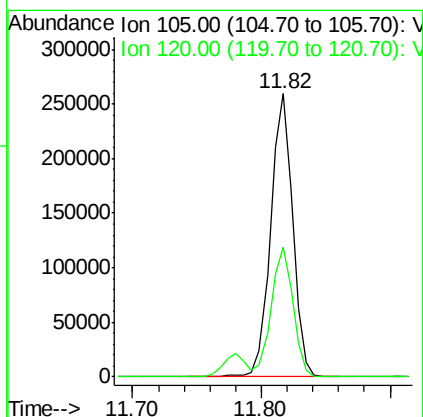
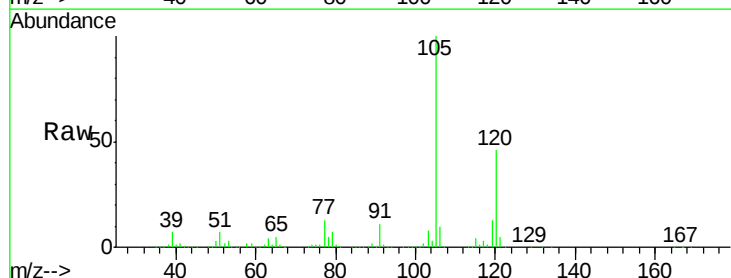
RT: 11.82 min Scan# 1842

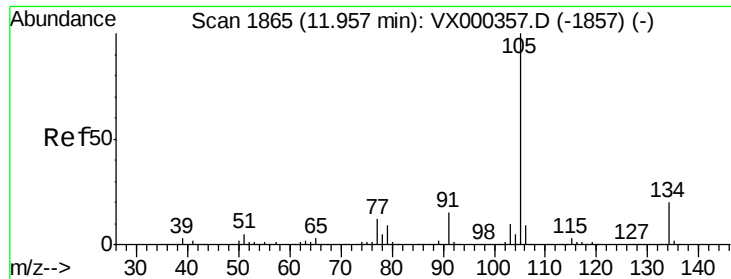
Delta R.T. -0.00 min

Lab File: VX000420.D

Acq: 22 Mar 2018 21:10

Tgt Ion:	105	Resp:	310409
Ion Ratio	Lower	Upper	
105	100		
120	45.4	22.4	67.3





#85

sec-Butylbenzene

Concen: 52.03 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000420.D

Acq: 22 Mar 2018 21:10

Instrument :

MSVOA_X

ClientSampleID :

VSTDCCC050EC

Tot Ion:105 Resp: 376946

Ion Ratio Lower Upper

105 100

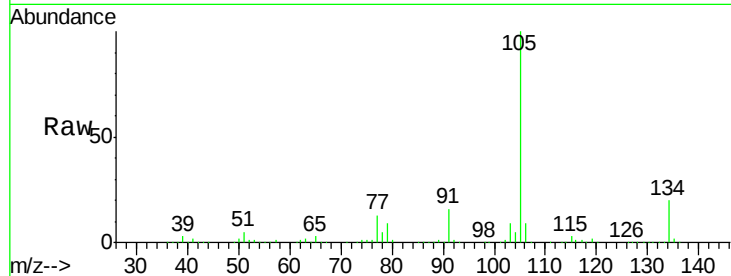
134 19.7 10.3 30.8

Manual Integrations

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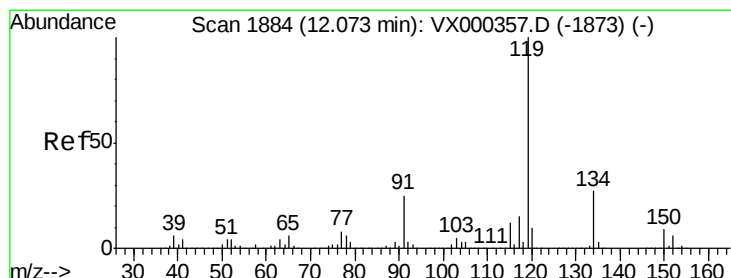
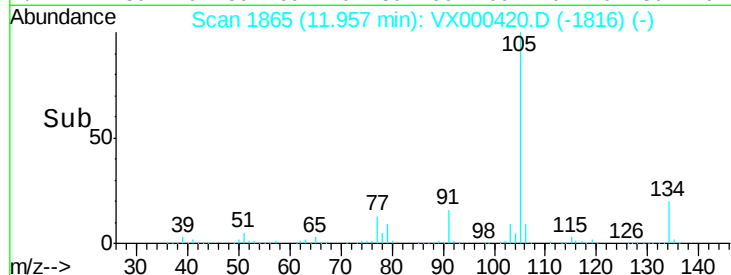
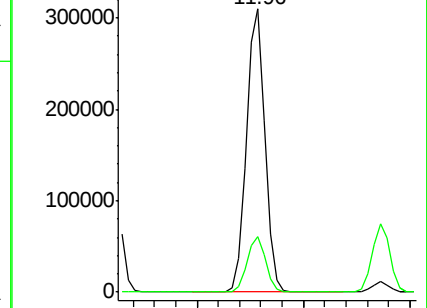
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.60 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000420.D

Acq: 22 Mar 2018 21:10

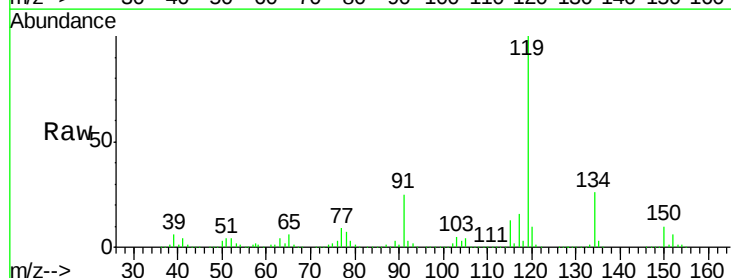
Tgt Ion:119 Resp: 332007

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

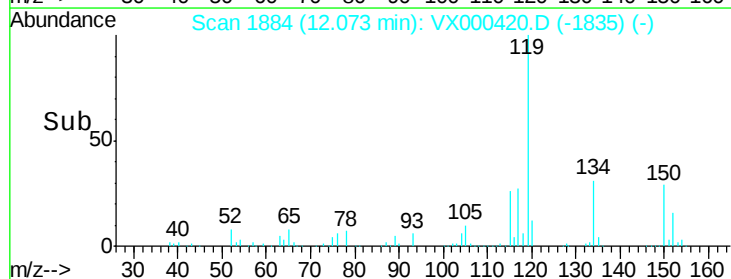
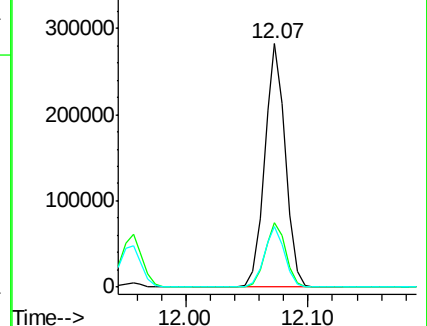
91 24.6 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 48.74 ug/l

RT: 12.04 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VX000420.D

Acq: 22 Mar 2018 21:10

Instrument :

MSVOA_X

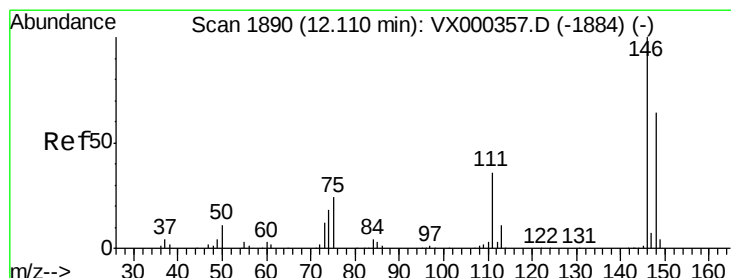
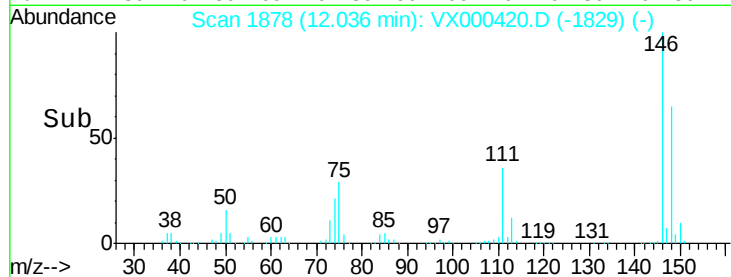
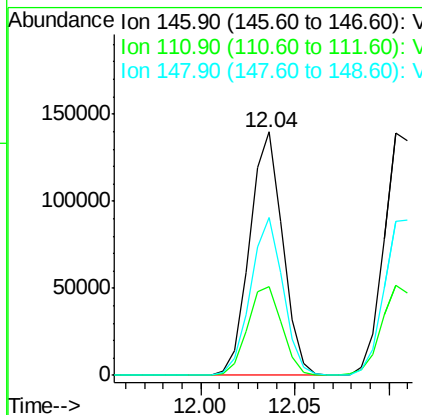
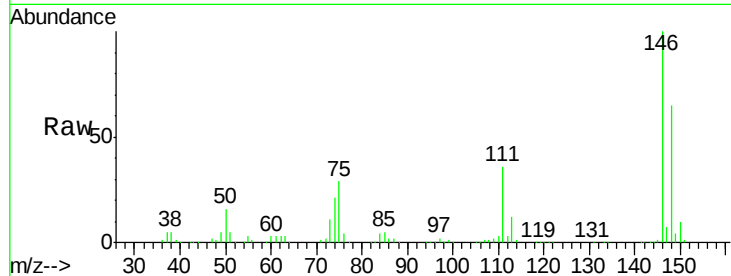
ClientSampled :

VSTDCCC050EC

Tot Ion:	146	Resp:	169505
Ion Ratio	Lower	Upper	
146	100		
111	38.1	19.5	58.5
148	63.7	32.4	97.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.45 ug/l

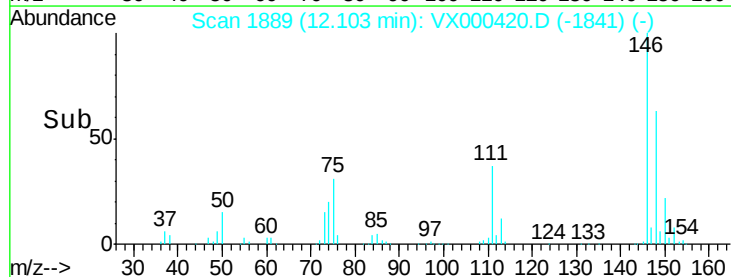
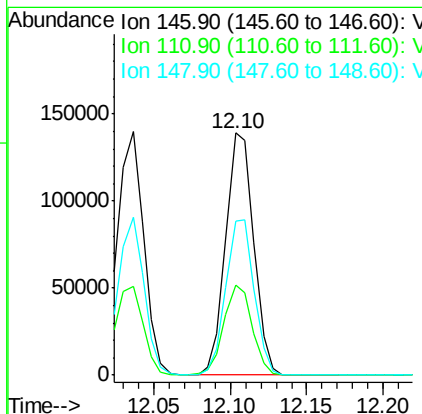
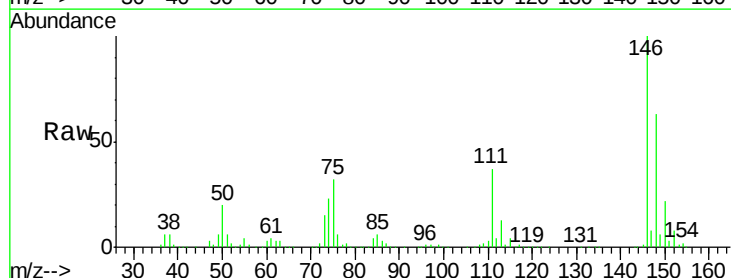
RT: 12.10 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VX000420.D

Acq: 22 Mar 2018 21:10

Tgt Ion:	146	Resp:	176909
Ion Ratio	Lower	Upper	
146	100		
111	37.8	18.9	56.9
148	65.0	31.0	93.0





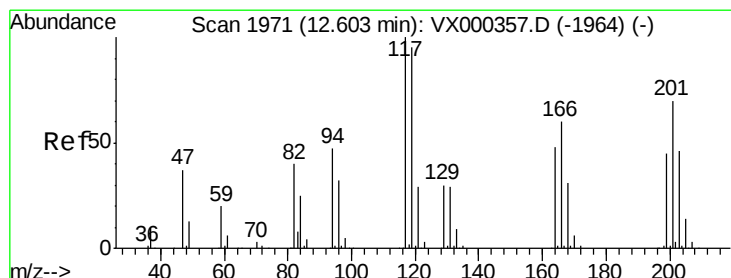
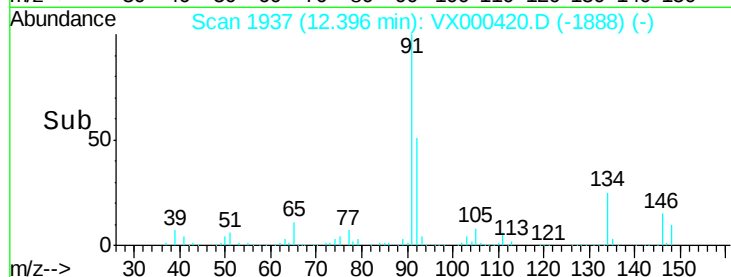
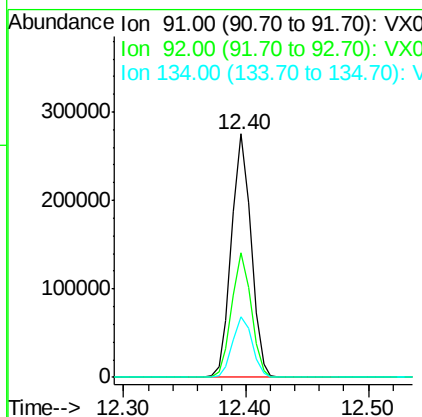
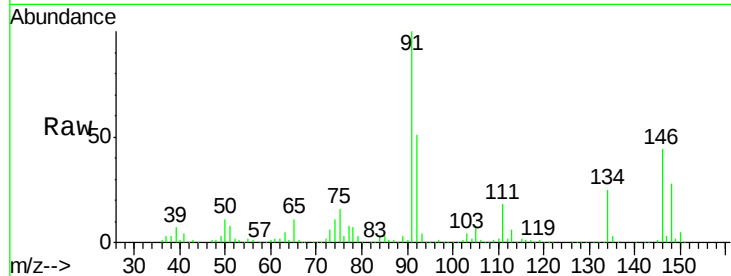
#89
n-Butylbenzene
Concen: 50.62 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000420.D
Acq: 22 Mar 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.8	25.9	77.8
134	25.1	13.1	39.3

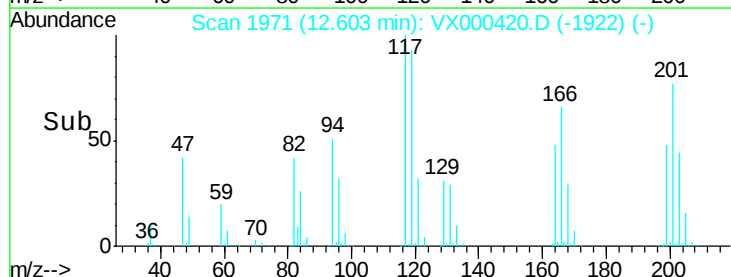
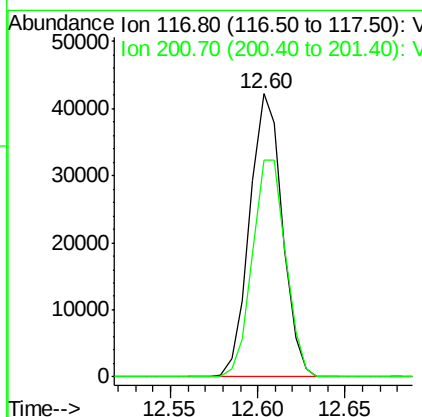
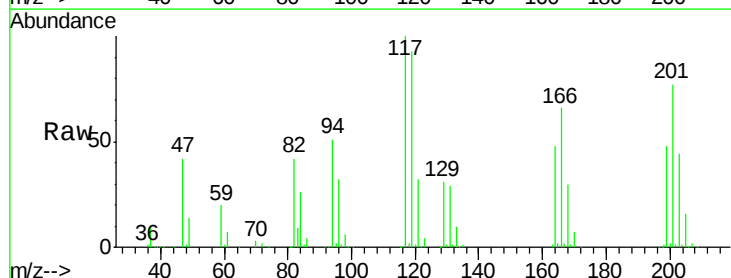
Manual Integrations
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#90
Hexachloroethane
Concen: 54.23 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000420.D
Acq: 22 Mar 2018 21:10

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.4	37.9	113.6





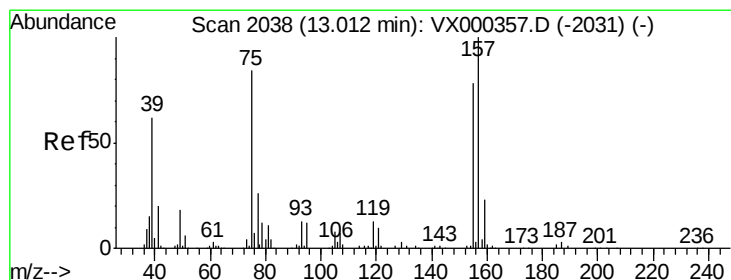
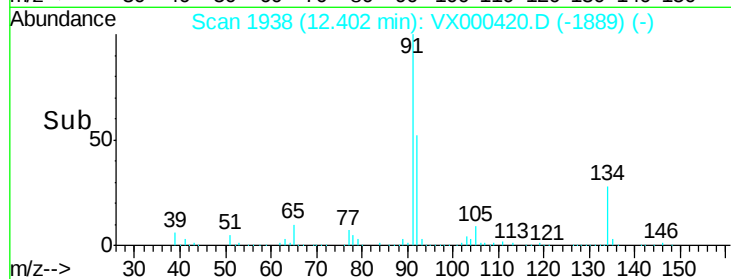
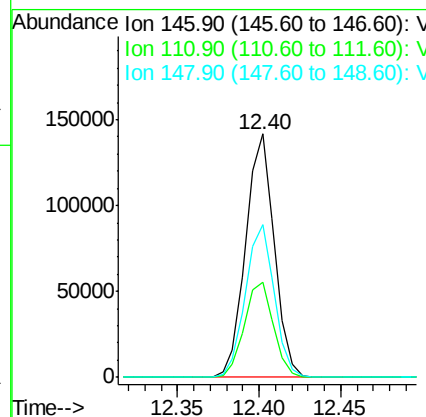
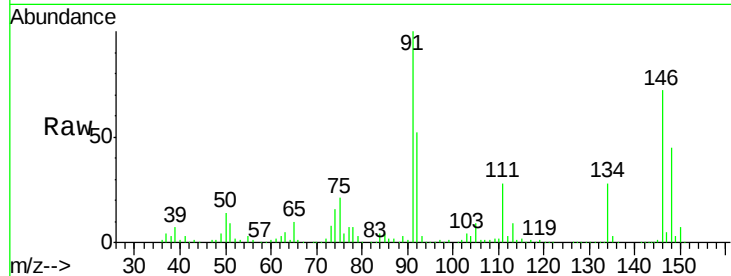
#91
 1,2-Dichlorobenzene
 Concen: 50.84 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000420.D
 Acq: 22 Mar 2018 21:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.1	60.2
148	63.3	31.2	93.6

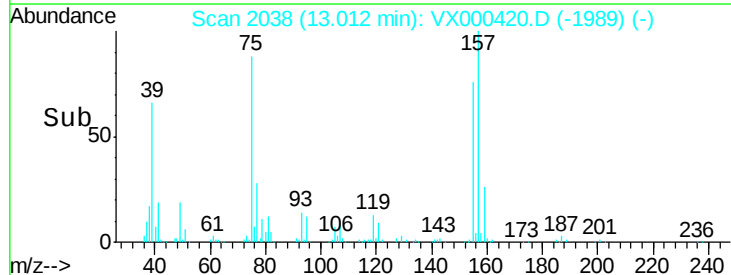
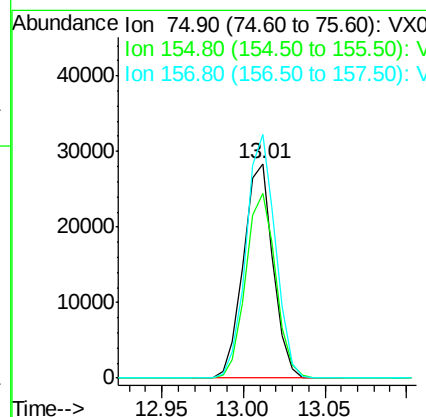
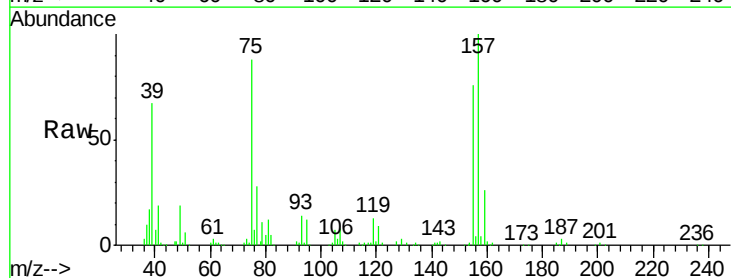
Manual Integrations
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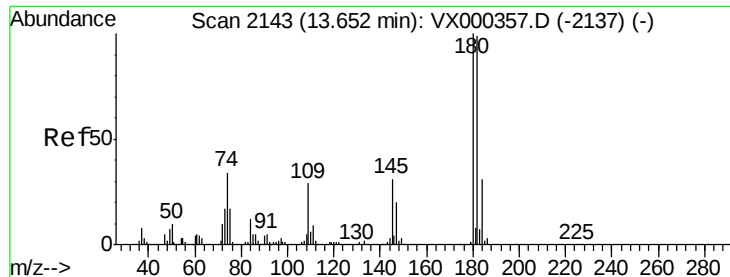
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.94 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000420.D
 Acq: 22 Mar 2018 21:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.7	45.0	134.8
157	111.9	58.1	174.2





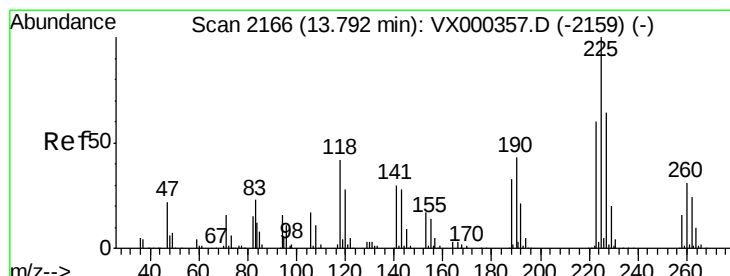
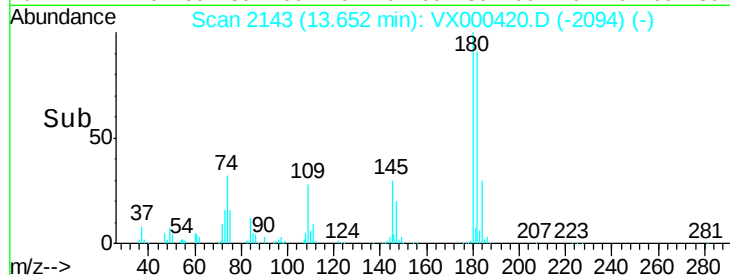
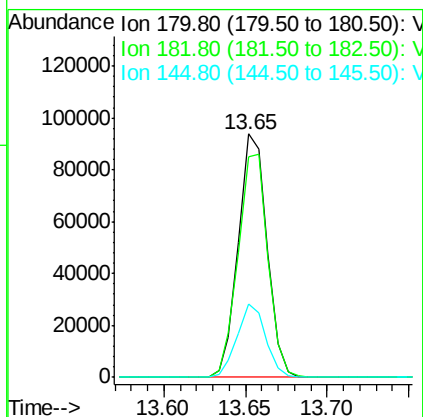
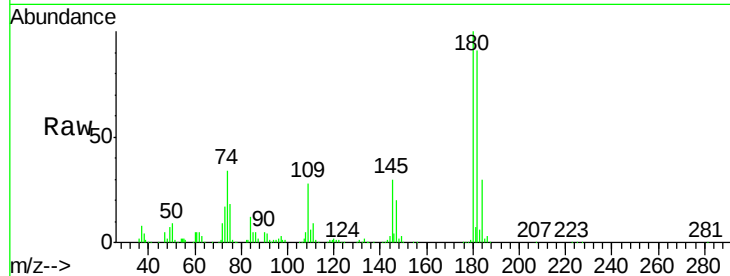
#93
1,2,4-Trichlorobenzene
Concen: 47.21 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. -0.00 min
Lab File: VX000420.D
Acq: 22 Mar 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.6	142.9
145	30.0	15.1	45.3

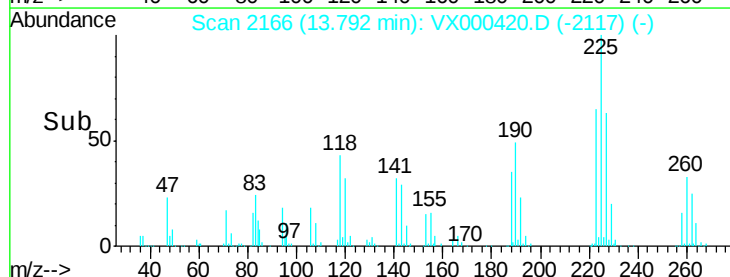
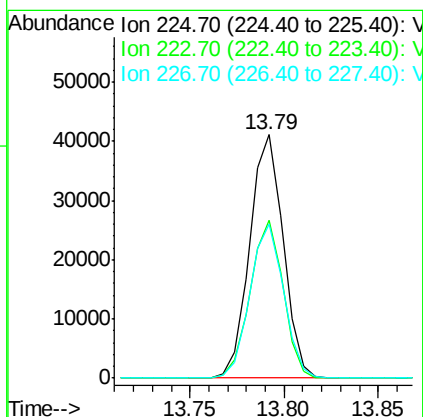
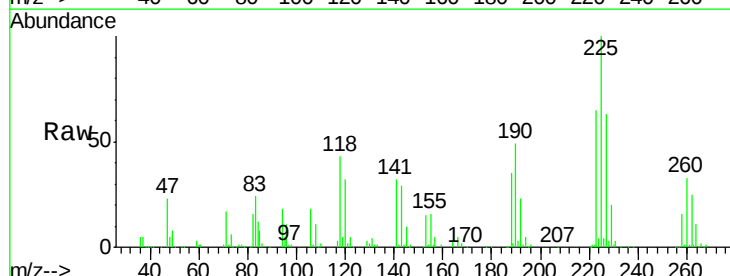
Manual Integrations
APPROVED

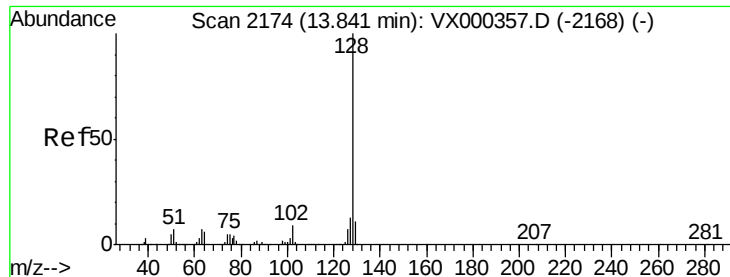
sam
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#94
Hexachlorobutadiene
Concen: 50.03 ug/l
RT: 13.79 min Scan# 2166
Delta R.T. -0.00 min
Lab File: VX000420.D
Acq: 22 Mar 2018 21:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	32.0	96.0
227	63.7	32.6	98.0





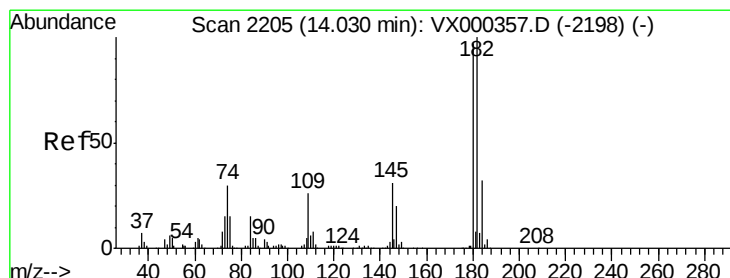
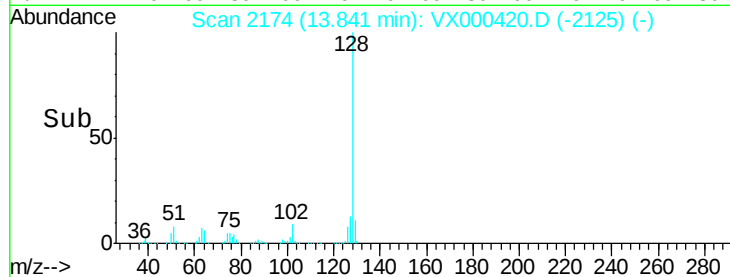
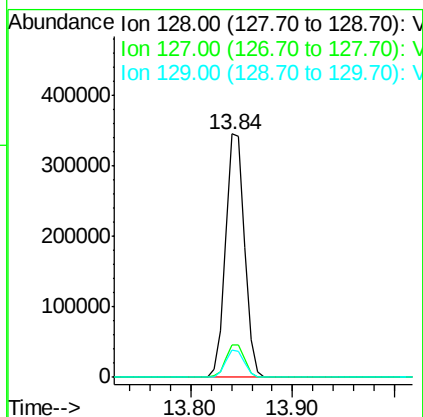
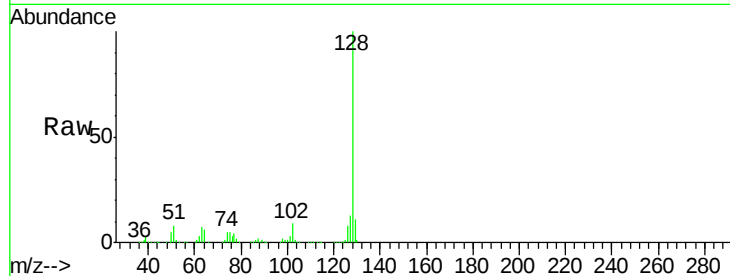
#95
Naphthalene
Concen: 52.10 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000420.D
Acq: 22 Mar 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	15.8
129	11.1	8.9	13.3

Manual Integrations
APPROVED

sam
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#96
1,2,3-Trichlorobenzene
Concen: 50.12 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000420.D
Acq: 22 Mar 2018 21:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.4	142.3
145	31.0	15.8	47.3

