

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040818\
 Data File : VX000721.D
 Acq On : 08 Apr 2018 10:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 4/9/2018 2:03:08 PM

Quant Time: Apr 09 06:56:40 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 07 17:01:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	327123	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	444409	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	416535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	251191	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	170917	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	
35) Dibromofluoromethane	5.51	113	143701	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
50) Toluene-d8	8.72	98	522994	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
62) 4-Bromofluorobenzene	11.14	95	216390	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	141564	48.05	ug/l	100
3) Chloromethane	1.32	50	113807	48.54	ug/l	97
4) Vinyl Chloride	1.40	62	121512	45.64	ug/l	98
5) Bromomethane	1.64	94	75487	57.03	ug/l	97
6) Chloroethane	1.73	64	74747	45.76	ug/l	100
7) Trichlorofluoromethane	1.93	101	200690	46.03	ug/l	100
8) Diethyl Ether	2.19	74	77088	51.30	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	124198	48.64	ug/l	98
10) Methyl Iodide	2.51	142	136718	49.75	ug/l	98
11) Tert butyl alcohol	3.07	59	144401	226.84	ug/l	100
12) 1,1-Dichloroethene	2.38	96	106677	46.53	ug/l	98
13) Acrolein	2.29	56	60973	218.85	ug/l	99
14) Allyl chloride	2.73	41	210464	45.41	ug/l	99
15) Acrylonitrile	3.15	53	311102	233.18	ug/l	99
16) Acetone	2.45	43	274770	234.16	ug/l	99
17) Carbon Disulfide	2.57	76	253939	49.73	ug/l	99
18) Methyl Acetate	2.78	43	166363	47.75	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	414148	48.59	ug/l	99
20) Methylene Chloride	2.86	84	122261	48.52	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	116031	47.34	ug/l	95
22) Diisopropyl ether	3.87	45	412593	45.43	ug/l	98
23) Vinyl Acetate	3.83	43	1745601	226.97	ug/l	99
24) 1,1-Dichloroethane	3.70	63	219264	46.12	ug/l	97
25) 2-Butanone	4.71	43	462667	225.37	ug/l	97
26) 2,2-Dichloropropane	4.59	77	225802	46.67	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	146755	46.83	ug/l	98
28) Bromochloromethane	5.03	49	103335	55.33	ug/l	98
29) Tetrahydrofuran	5.17	42	289766	221.80	ug/l	99
30) Chloroform	5.22	83	244751	47.36	ug/l	99
31) Cyclohexane	5.58	56	188314	49.98	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	228927	46.48	ug/l	99
36) 1,1-Dichloropropene	5.81	75	176112	46.27	ug/l	99
37) Ethyl Acetate	4.86	43	182277	44.37	ug/l	99
38) Carbon Tetrachloride	5.79	117	212488	47.64	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	207389	51.55	ug/l	99
40) Benzene	6.15	78	510655	47.70	ug/l	99
41) Methacrylonitrile	5.07	41	109344	45.94	ug/l	99
42) 1,2-Dichloroethane	6.20	62	199661	47.28	ug/l	98
43) Isopropyl Acetate	6.47	43	326416	45.62	ug/l	99
44) Trichloroethene	7.22	130	158438	48.70	ug/l	100
45) 1,2-Dichloropropane	7.53	63	138400	48.21	ug/l	98
46) Dibromomethane	7.67	93	94289	47.32	ug/l	97
47) Bromodichloromethane	7.90	83	200983	48.75	ug/l	99
48) Methyl methacrylate	7.78	41	168675	46.86	ug/l	99
49) 1,4-Dioxane	7.76	88	65676	919.29	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	956215	230.68	ug/l	99
52) Toluene	8.79	92	343251	48.09	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	239814	48.89	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	239721	49.21	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	141558	48.76	ug/l	98
56) Ethyl methacrylate	9.19	69	224454	48.48	ug/l	99
57) 1,3-Dichloropropane	9.38	76	228264	48.06	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	544093	250.93	ug/l	100
59) 2-Hexanone	9.51	43	723759	228.77	ug/l	99
60) Dibromochloromethane	9.59	129	179125	49.46	ug/l	99
61) 1,2-Dibromoethane	9.68	107	148314	47.57	ug/l	100
64) Tetrachloroethene	9.34	164	157739	48.30	ug/l	99
65) Chlorobenzene	10.15	112	414110	48.30	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	163038	48.70	ug/l	99
67) Ethyl Benzene	10.26	91	686032	47.70	ug/l	100
68) m/p-Xylenes	10.37	106	539911	95.96	ug/l	99
69) o-Xylene	10.71	106	265633	48.11	ug/l	98
70) Styrene	10.72	104	452043	48.46	ug/l	100
71) Bromoform	10.87	173	158339	49.96	ug/l #	99
73) Isopropylbenzene	11.02	105	722460	48.11	ug/l	100
74) N-amyl acetate	6.47	43	326416	44.66	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	208791	46.78	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	203552m	47.63	ug/l	
77) Bromobenzene	11.26	156	207581	48.74	ug/l	98
78) n-propylbenzene	11.37	91	822203	47.72	ug/l	100
79) 2-Chlorotoluene	11.43	91	487393	47.43	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	624180	47.99	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	75403	45.93	ug/l #	92
82) 4-Chlorotoluene	11.52	91	588427	47.79	ug/l	100
83) tert-Butylbenzene	11.77	119	646364	48.48	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	644637	47.87	ug/l	100
85) sec-Butylbenzene	11.95	105	753597	48.30	ug/l	100
86) p-Isopropyltoluene	12.07	119	709407	48.63	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	390947	48.99	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	397783	48.63	ug/l	99
89) n-Butylbenzene	12.40	91	630327	48.37	ug/l	100
90) Hexachloroethane	12.60	117	129126	48.75	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	378576	48.61	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	51796	44.15	ug/l	95

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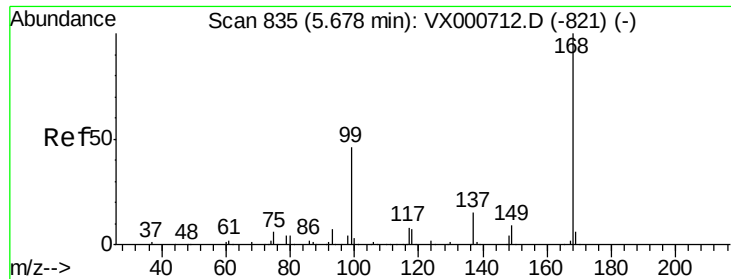
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	329564	49.72	ug/l	100
94) Hexachlorobutadiene	13.79	225	165060	50.58	ug/l	99
95) Naphthalene	13.84	128	836157	48.18	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	318744	49.85	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 327123

Ion Ratio Lower Upper

168 100

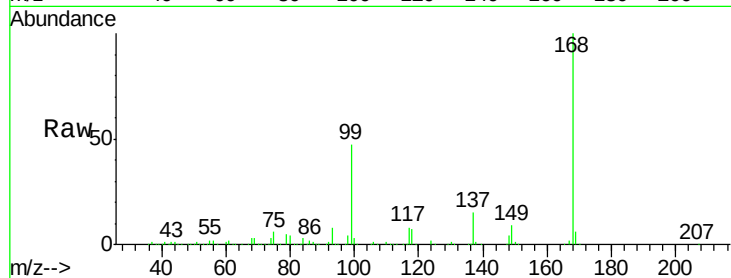
99 47.2 37.2 55.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

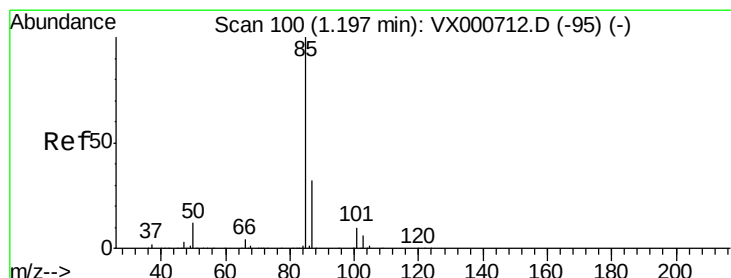
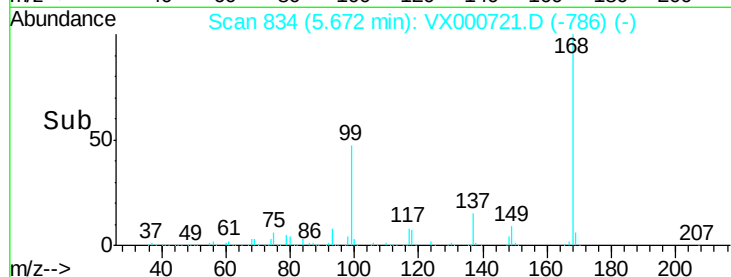
5.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.05 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000721.D

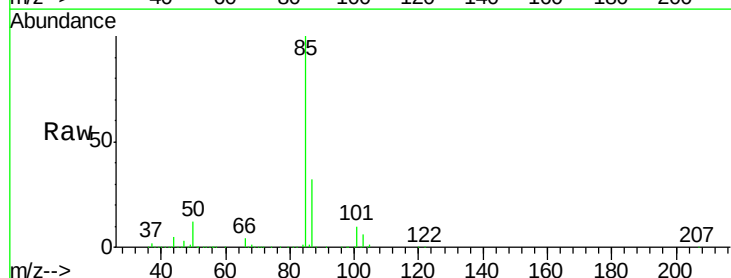
Acq: 08 Apr 2018 10:31

Tgt Ion: 85 Resp: 141564

Ion Ratio Lower Upper

85 100

87 32.4 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

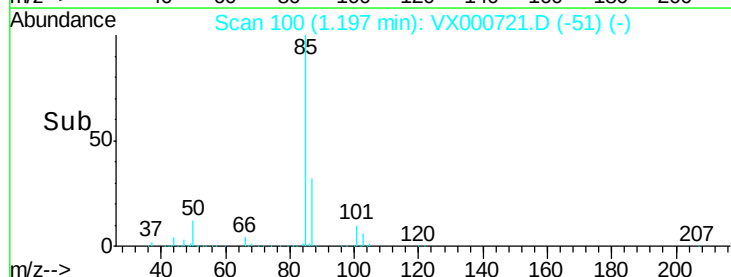
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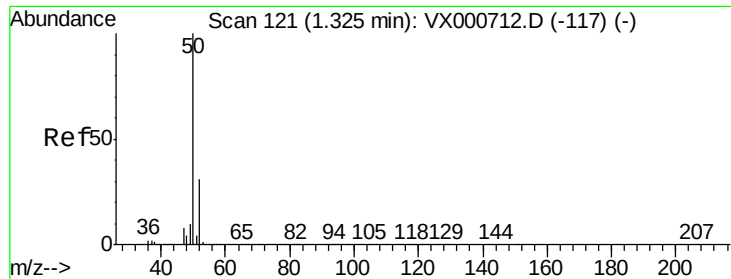
100000

50000

0

Time-->





#3

Chloromethane

Concen: 48.54 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 113807

Ion Ratio Lower Upper

50 100

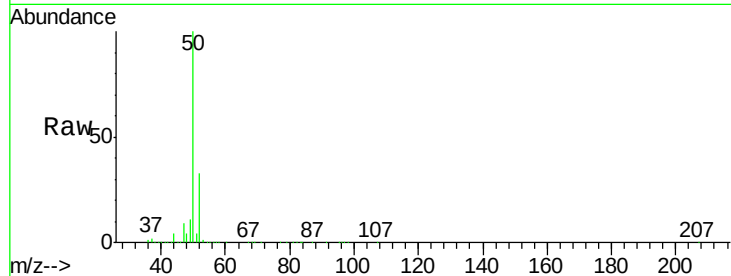
52 32.9 24.9 37.3

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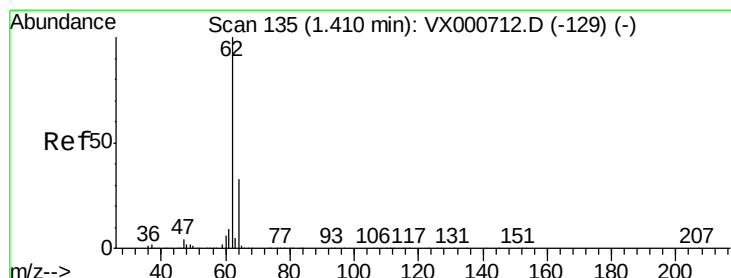
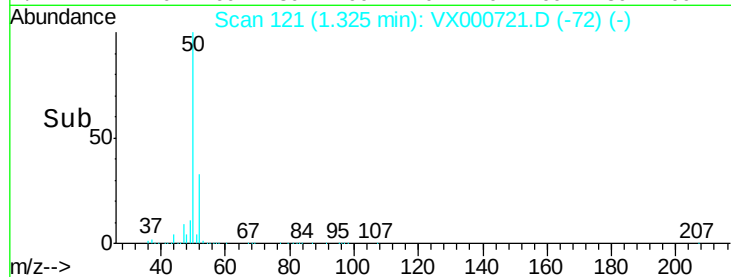
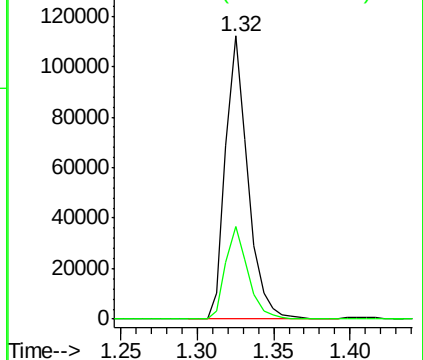
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.64 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000721.D

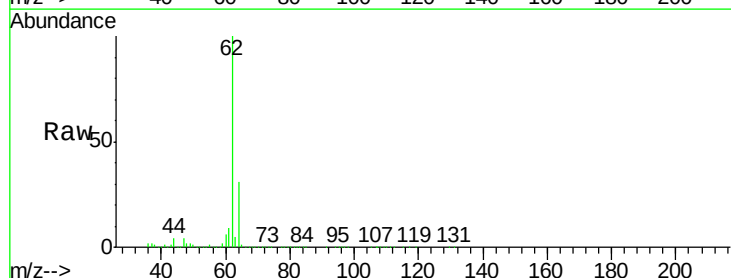
Acq: 08 Apr 2018 10:31

Tgt Ion: 62 Resp: 121512

Ion Ratio Lower Upper

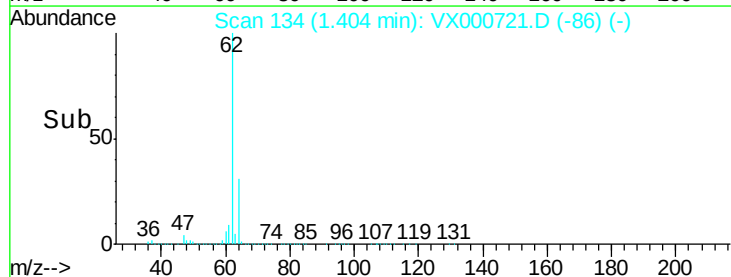
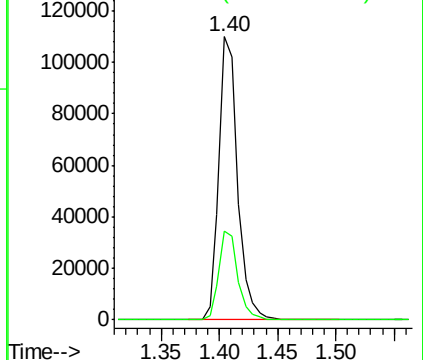
62 100

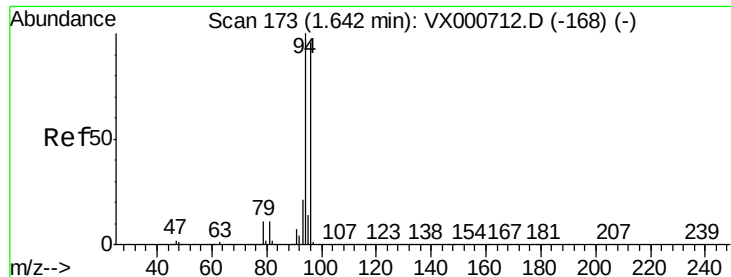
64 31.4 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 57.03 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 75487

Ion Ratio Lower Upper

94 100

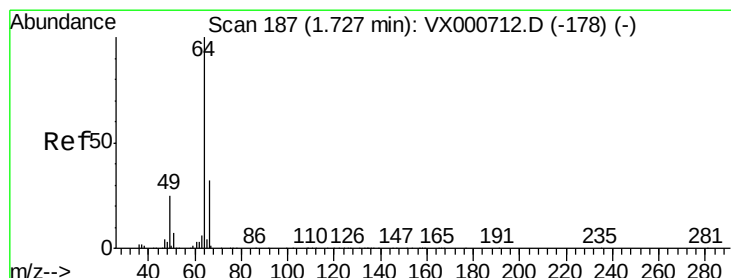
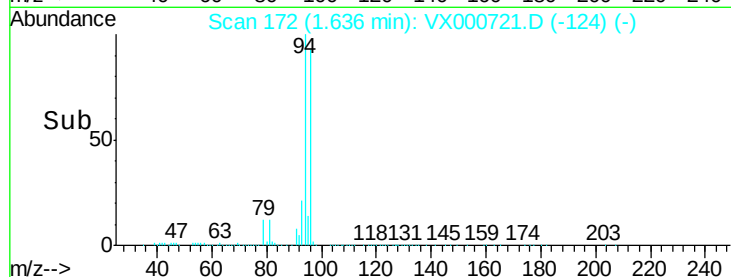
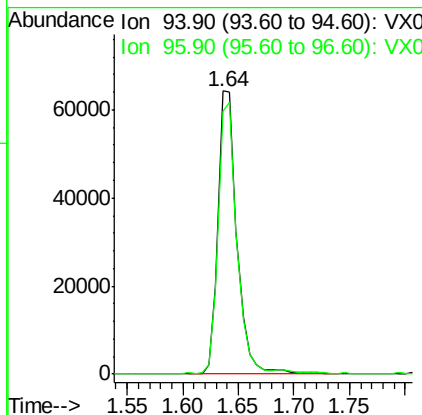
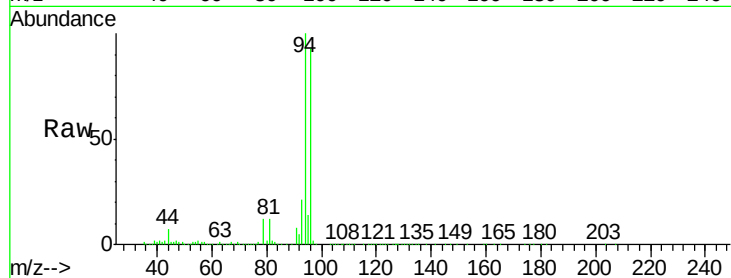
96 92.9 76.5 114.7

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#6

Chloroethane

Concen: 45.76 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000721.D

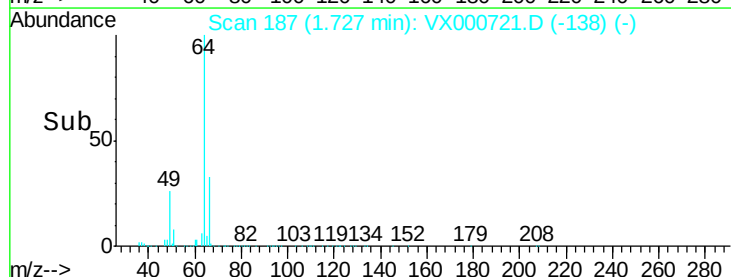
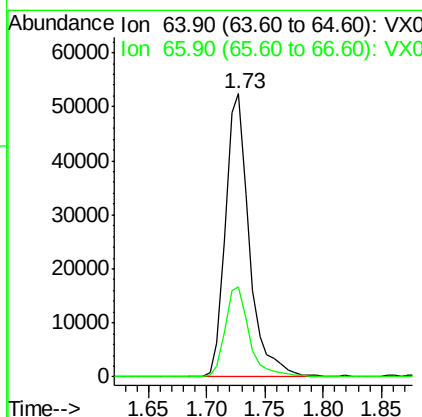
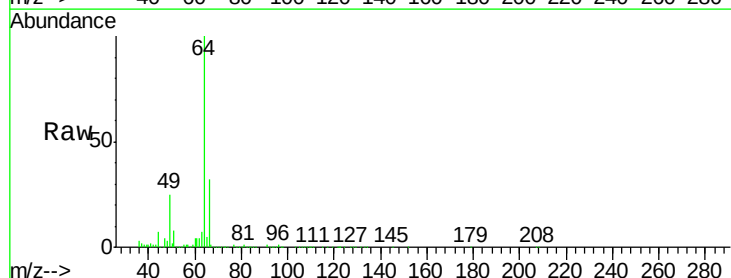
Acq: 08 Apr 2018 10:31

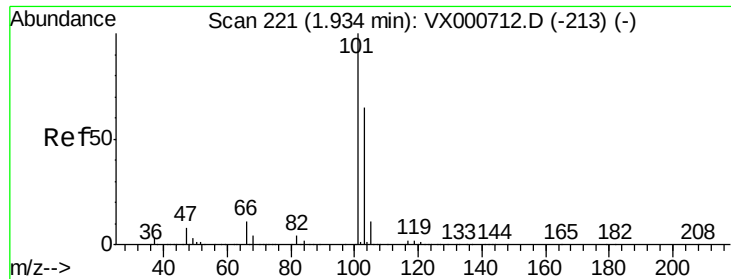
Tgt Ion: 64 Resp: 74747

Ion Ratio Lower Upper

64 100

66 31.7 25.4 38.2





#7

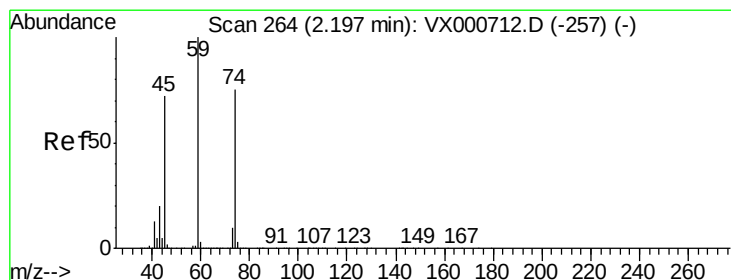
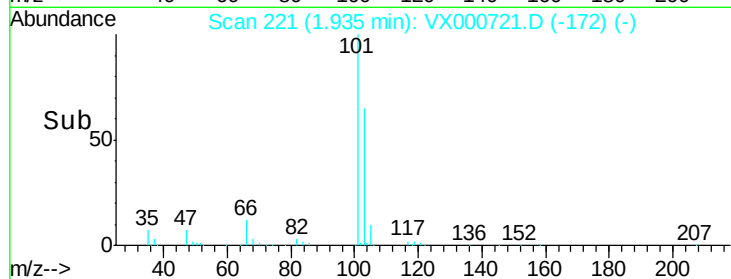
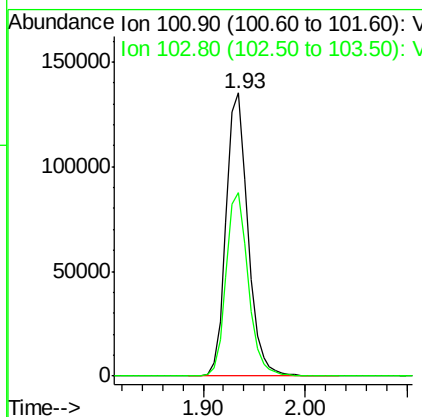
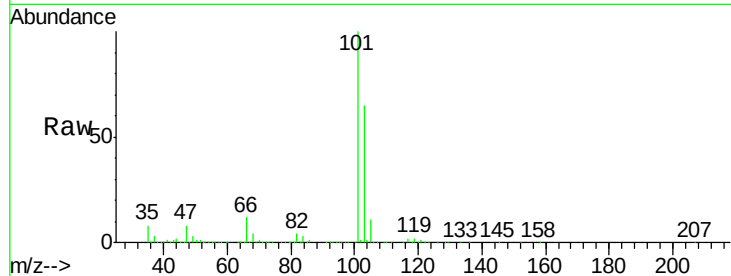
Trichlorofluoromethane
Concen: 46.03 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.1	78.1

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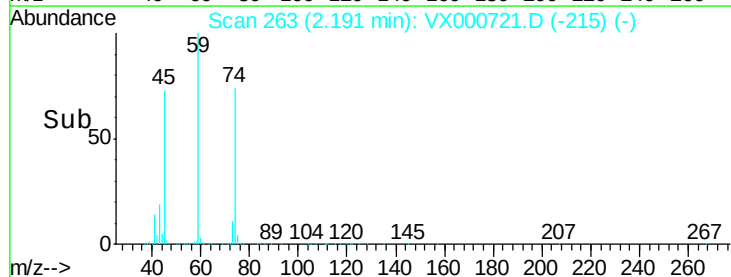
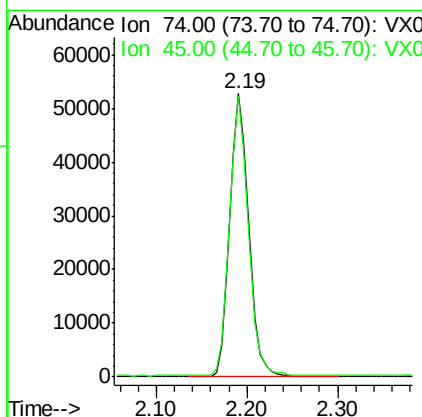
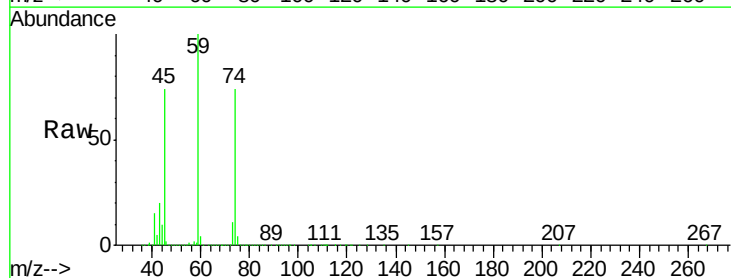
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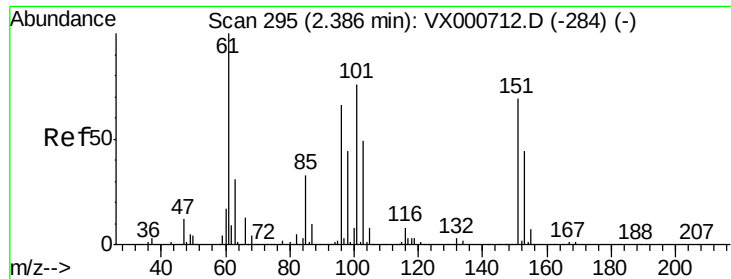


#8

Diethyl Ether
Concen: 51.30 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.9	48.4	145.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.64 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

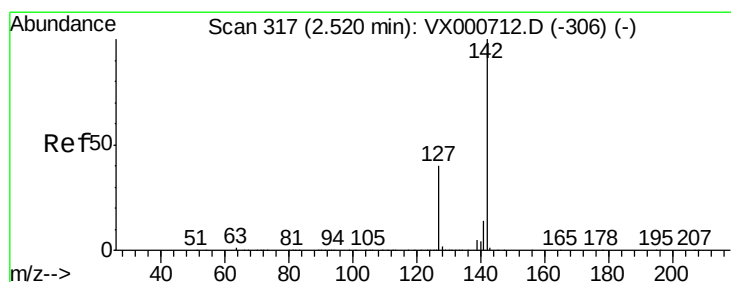
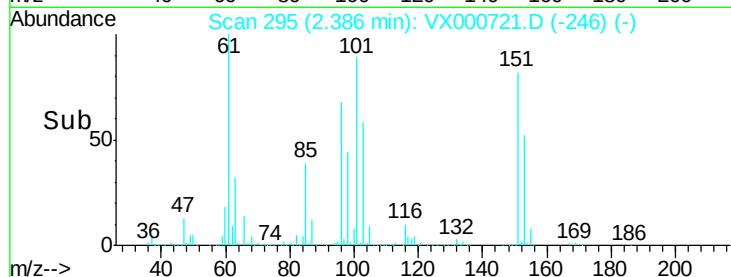
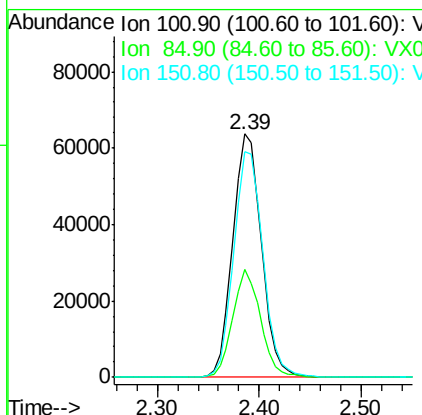
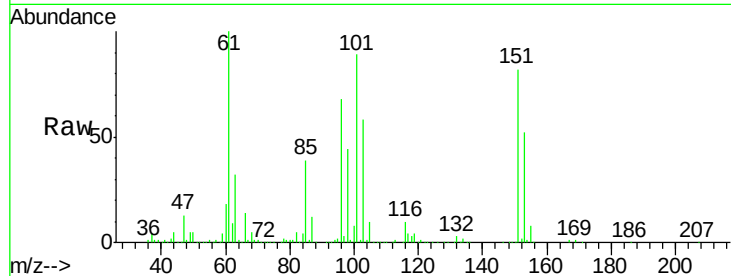
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	124198
Ion Ratio	Lower	Upper	
101	100		
85	42.5	34.3	51.5
151	94.2	73.8	110.8

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#10

Methyl Iodide

Concen: 49.75 ug/l

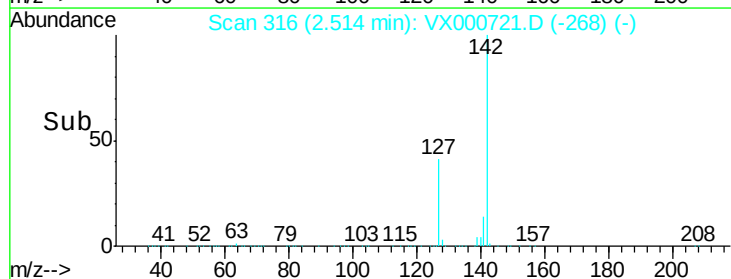
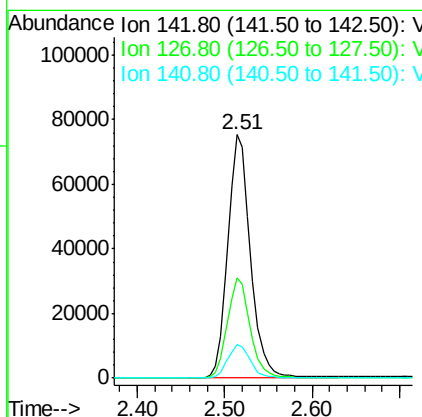
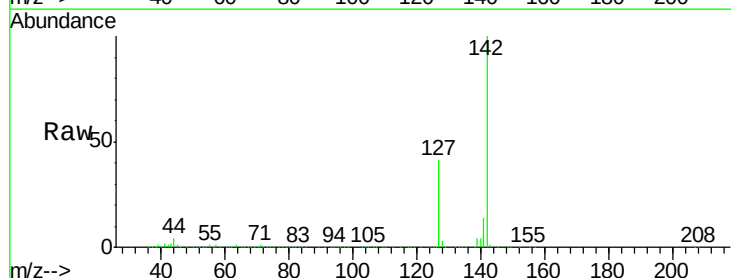
RT: 2.51 min Scan# 316

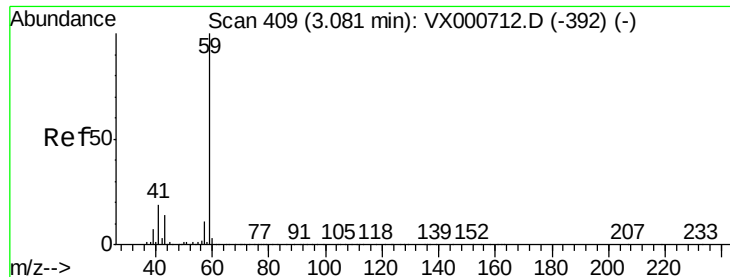
Delta R.T. -0.01 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Tgt Ion:	142	Resp:	136718
Ion Ratio	Lower	Upper	
142	100		
127	41.1	33.9	50.9
141	14.0	11.4	17.0





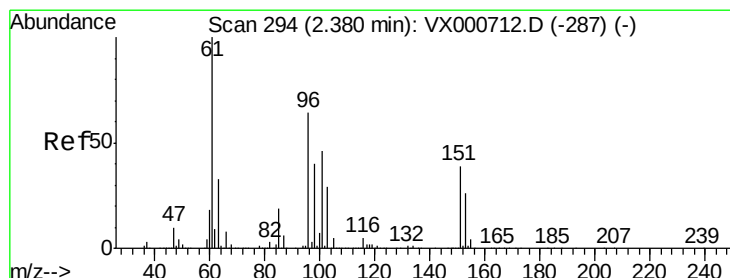
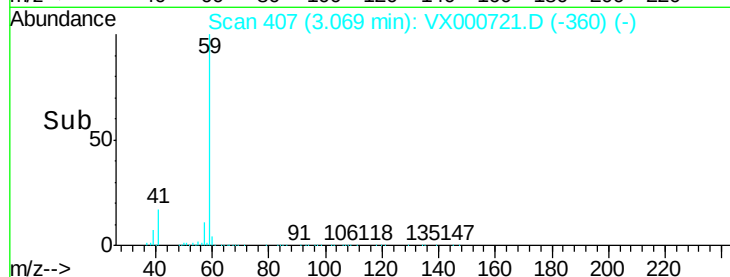
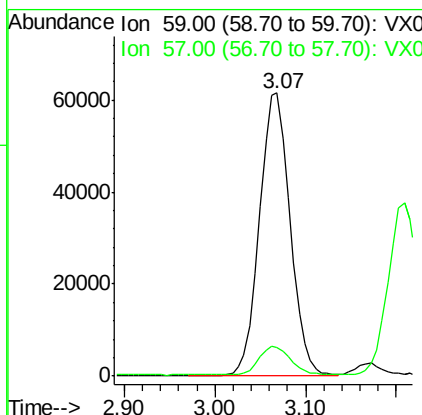
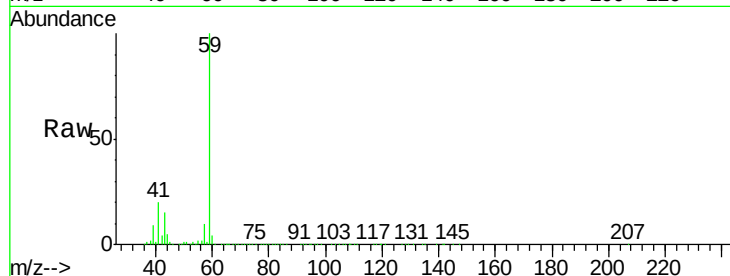
#11
Tert butyl alcohol
Concen: 226.84 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	144401
Ion Ratio	59	100	
Lower	57	10.4	8.4
Upper			12.6

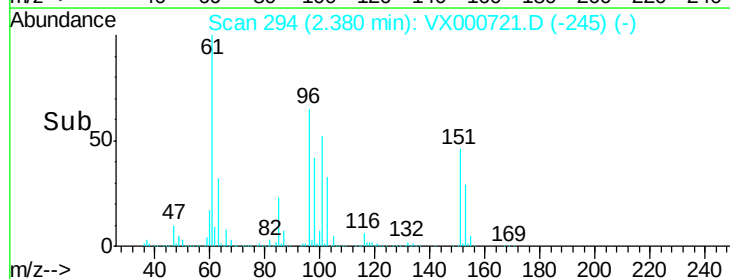
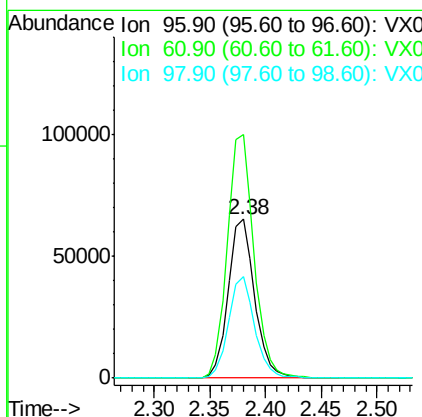
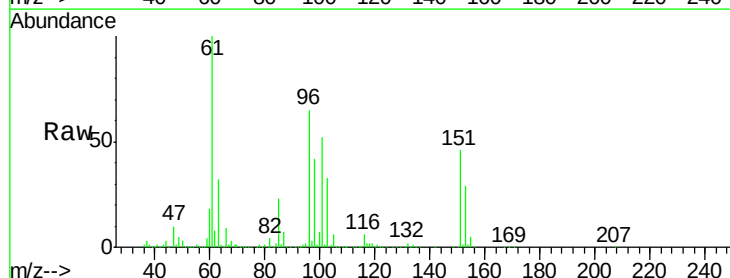
Manual Integrations
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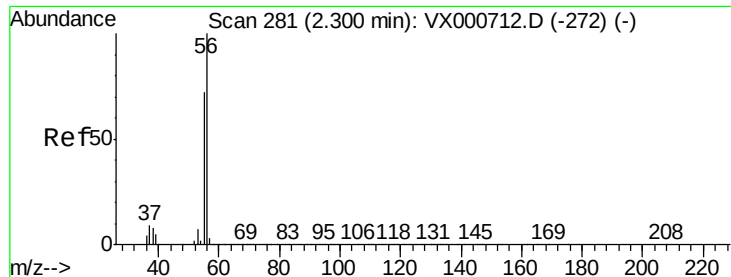
sam
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#12
1,1-Dichloroethene
Concen: 46.53 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Tgt Ion	96	Resp	106677
Ion Ratio	96	100	
Lower	61	153.5	125.0
Upper	98	64.0	50.5
			75.7





#13

Acrolein

Concen: 218.85 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 60973

Ion Ratio Lower Upper

56 100

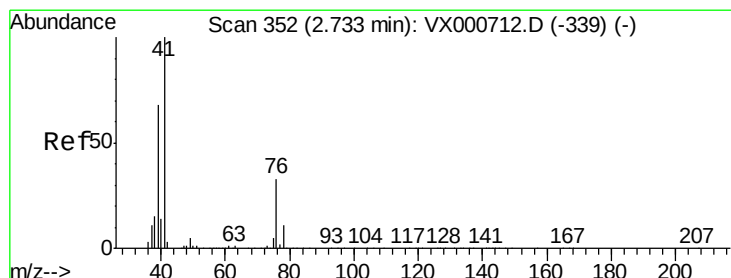
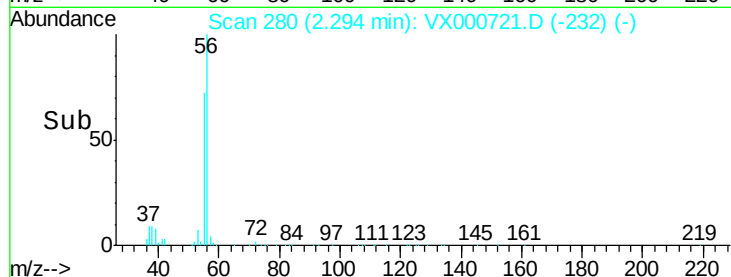
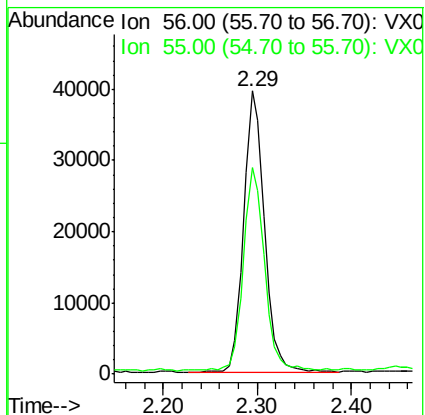
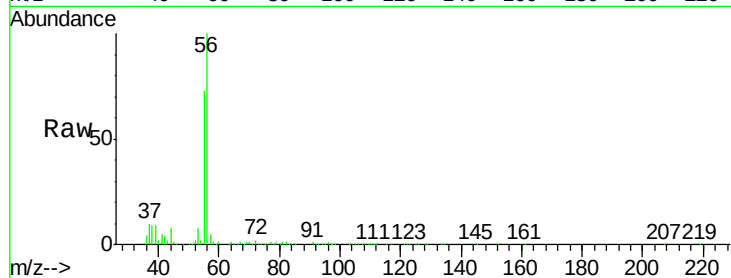
55 72.6 57.4 86.2

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#14

Allyl chloride

Concen: 45.41 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

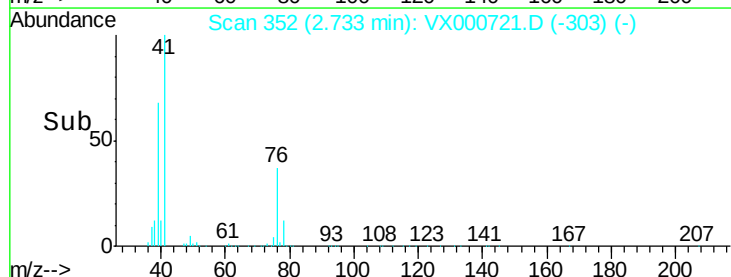
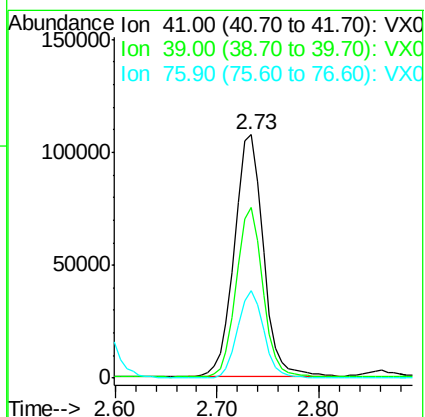
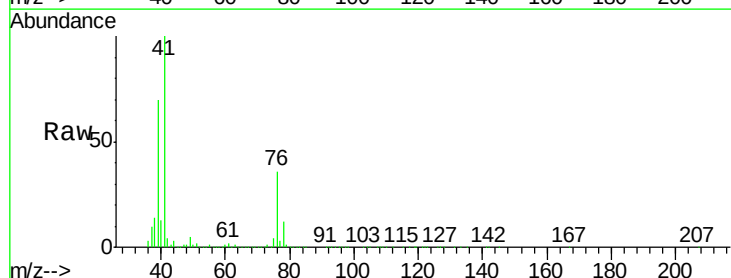
Tgt Ion: 41 Resp: 210464

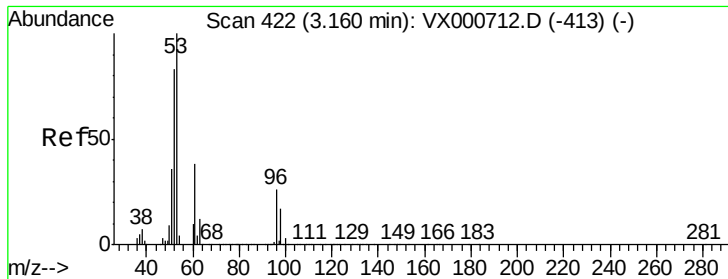
Ion Ratio Lower Upper

41 100

39 64.7 52.4 78.6

76 32.7 25.9 38.9





#15

Acrylonitrile

Concen: 233.18 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

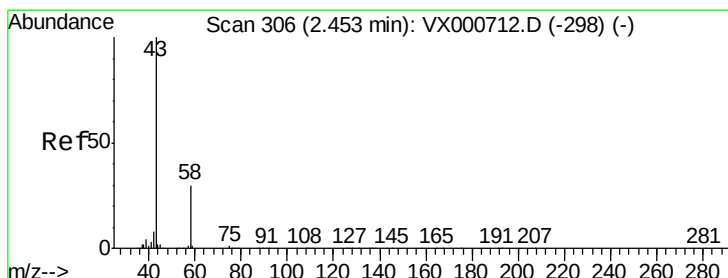
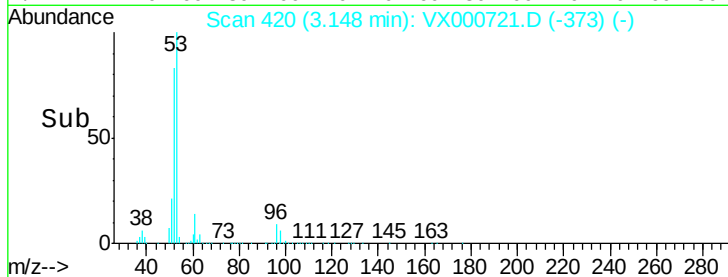
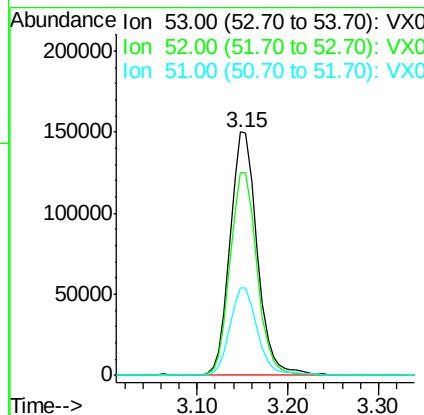
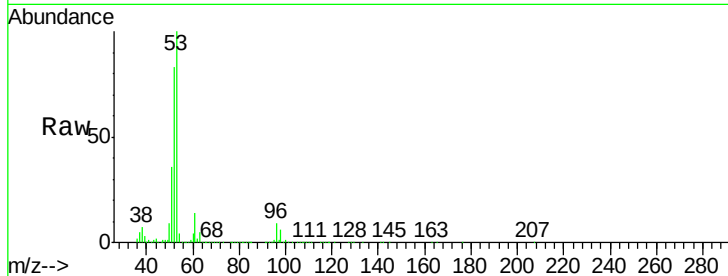
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	311102
Ion Ratio		Lower	Upper
53	100		
52	83.4	66.1	99.1
51	36.5	29.1	43.7

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#16

Acetone

Concen: 234.16 ug/l

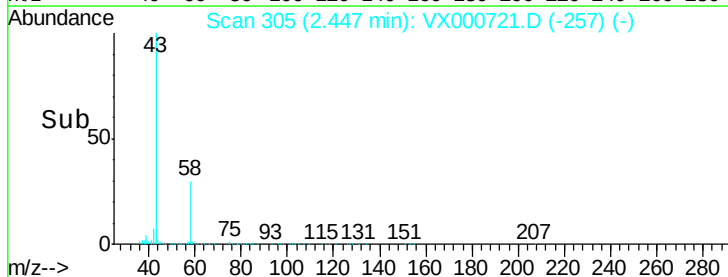
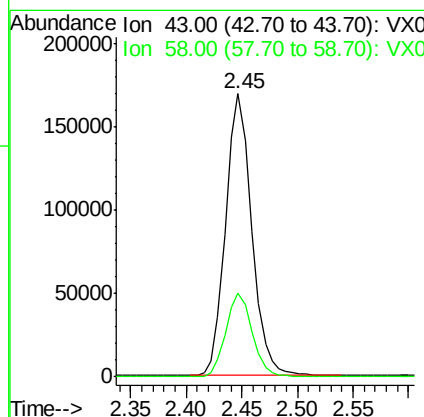
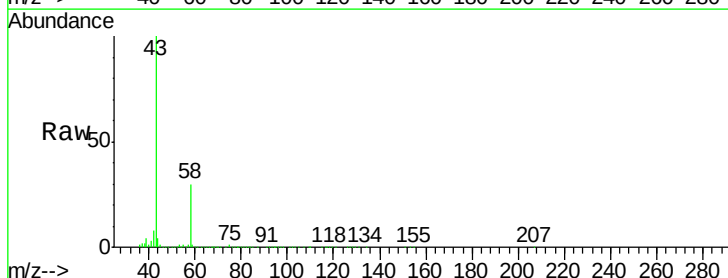
RT: 2.45 min Scan# 305

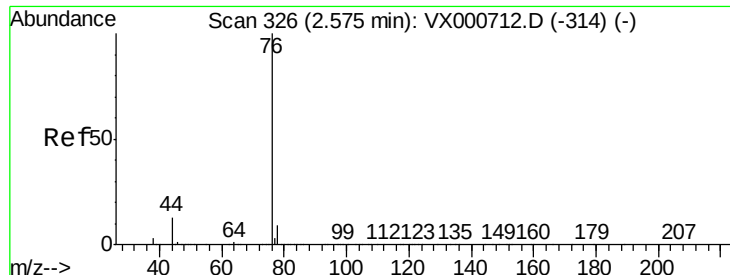
Delta R.T. -0.01 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Tgt Ion:	43	Resp:	274770
Ion Ratio		Lower	Upper
43	100		
58	29.6	24.0	36.0





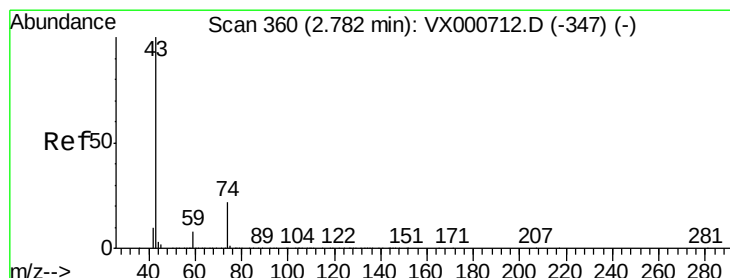
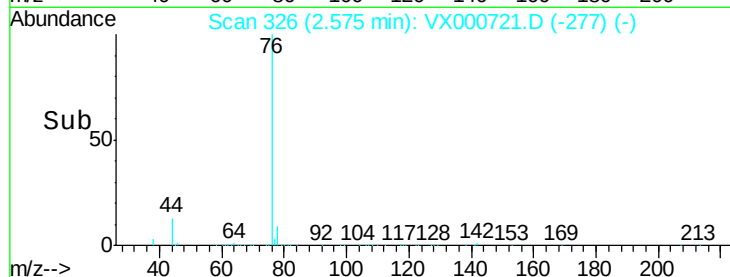
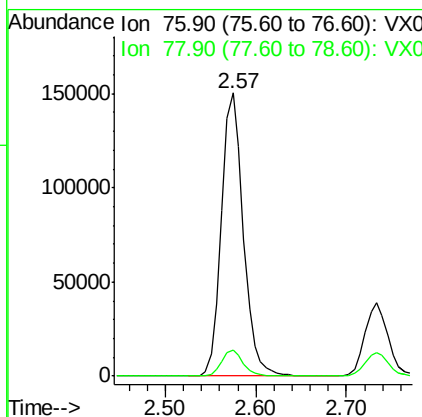
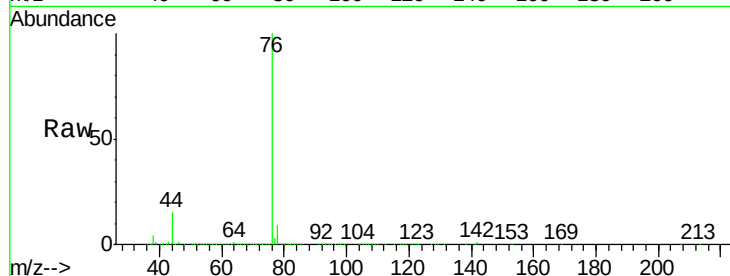
#17
Carbon Disulfide
Concen: 49.73 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.1	10.7

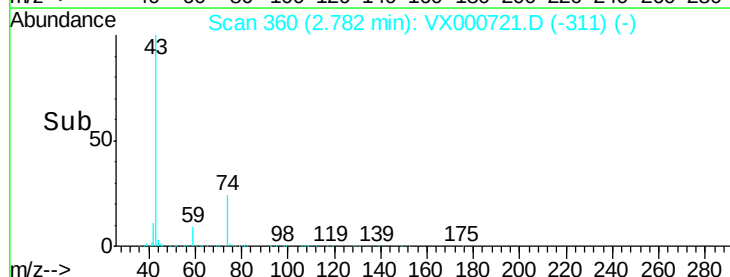
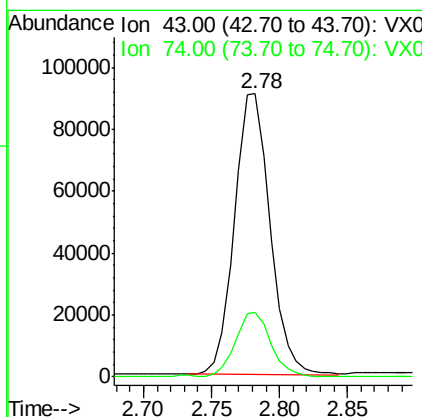
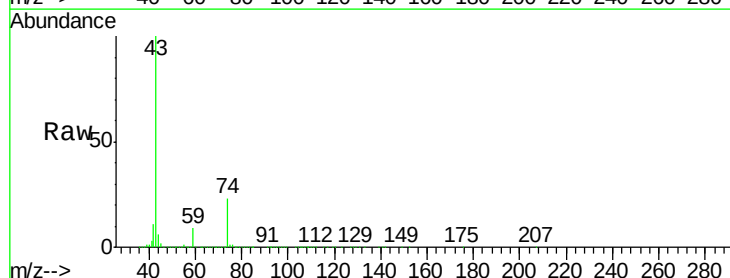
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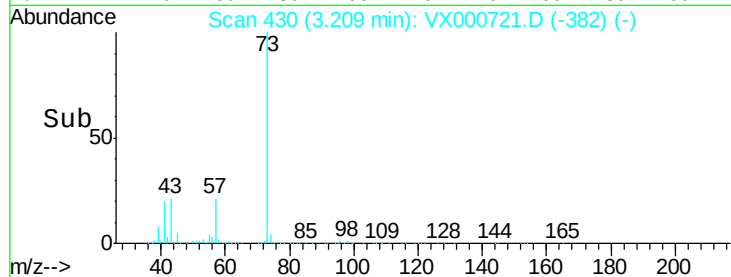
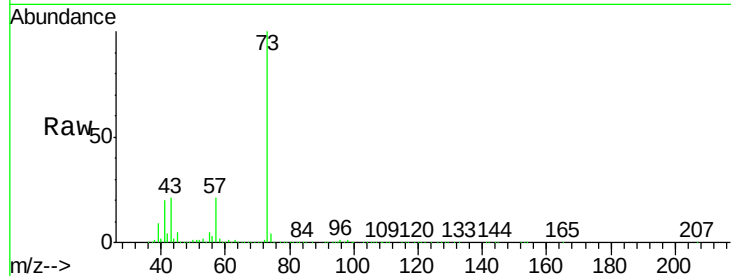
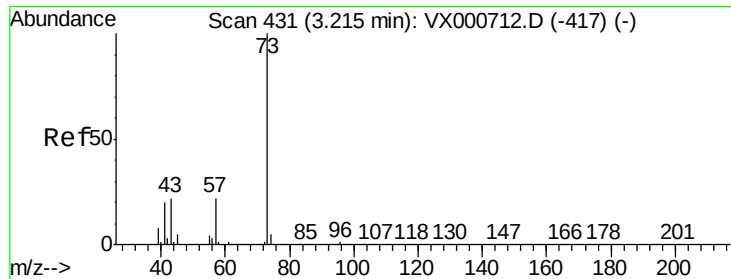
sam
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#18
Methyl Acetate
Concen: 47.75 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	19.0	28.6





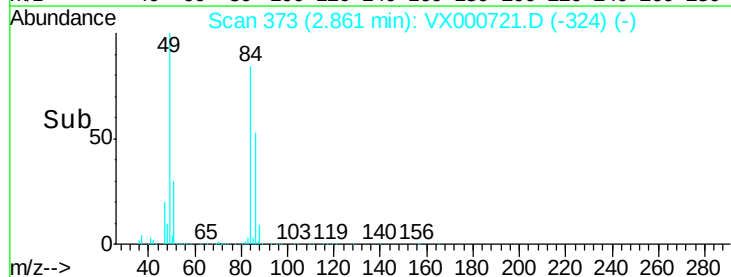
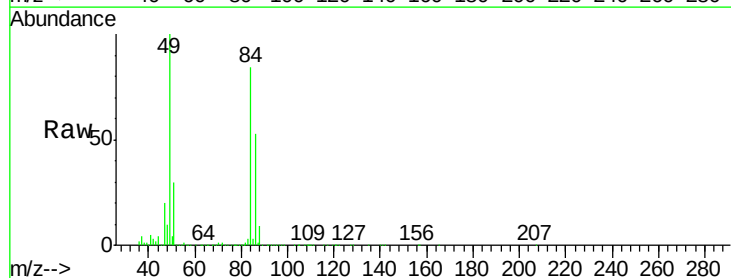
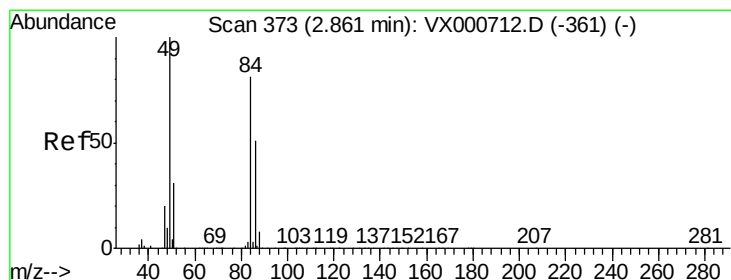
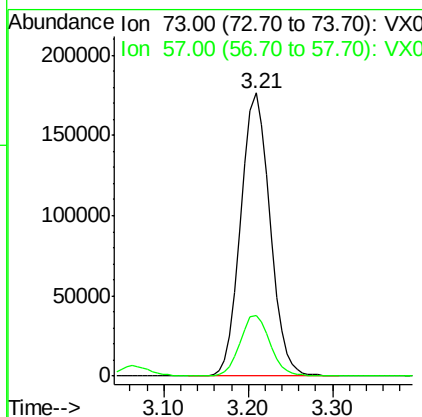
#19
Methyl tert-butyl Ether
Concen: 48.59 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Tot Ion	73	57	Ratio	Lower	Upper
73	100				
57	21.2		17.3	25.9	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

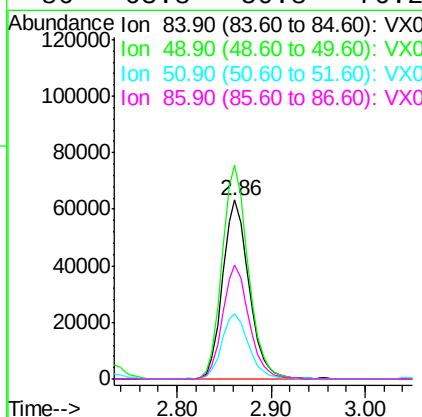
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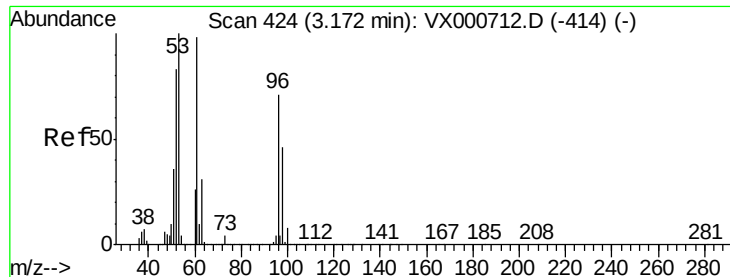
sam
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#20
Methylene Chloride
Concen: 48.52 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Tgt Ion	84	49	51	86	Ratio	Lower	Upper
84	100						
49	119.4				98.6	148.0	
51	36.2				30.8	46.2	
86	63.8				50.8	76.2	





#21

trans-1,2-Dichloroethene

Concen: 47.34 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

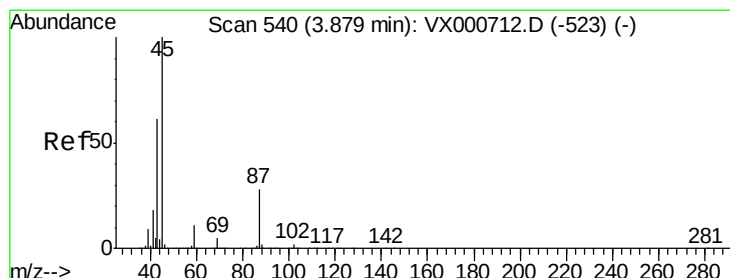
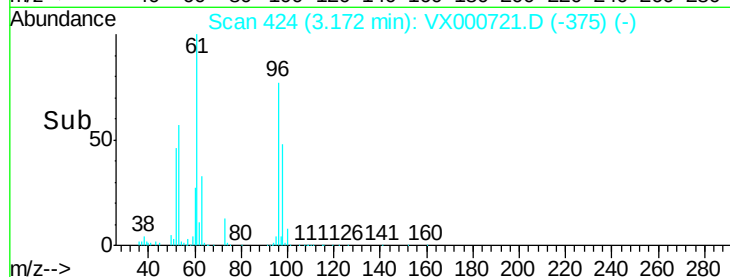
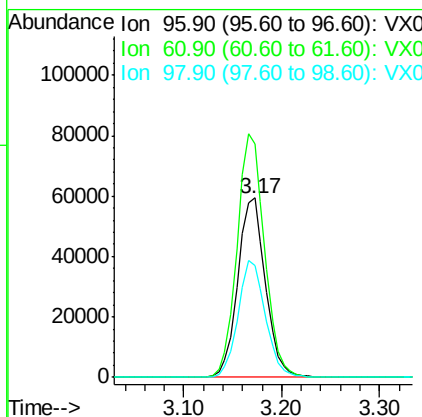
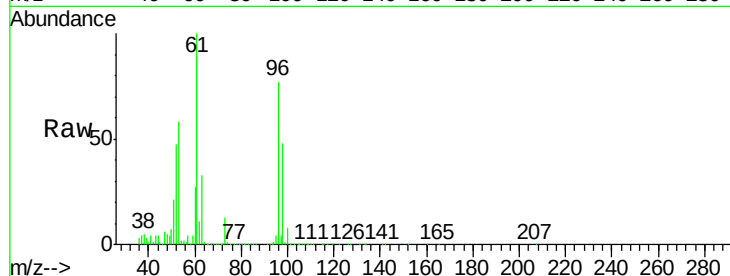
ClientSampled :

VSTDCCC050

Tot Ion:	96	Resp:	116031
Ion	Ratio	Lower	Upper
96	100		
61	130.1	109.8	164.6
98	62.2	51.5	77.3

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#22

Diisopropyl ether

Concen: 45.43 ug/l

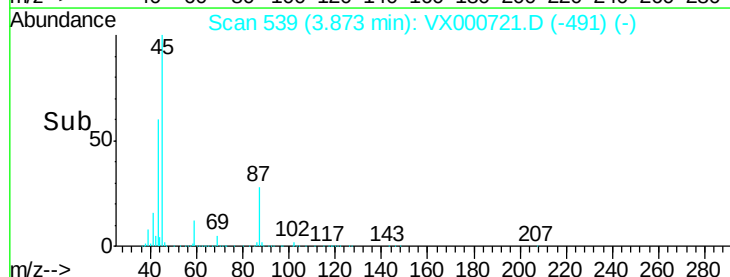
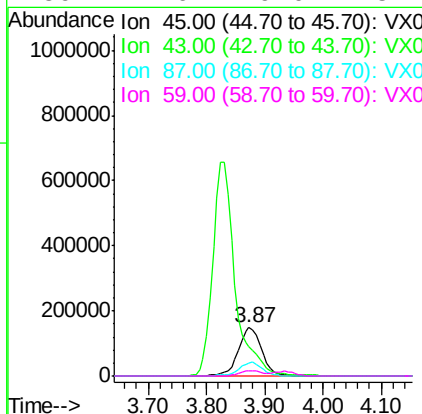
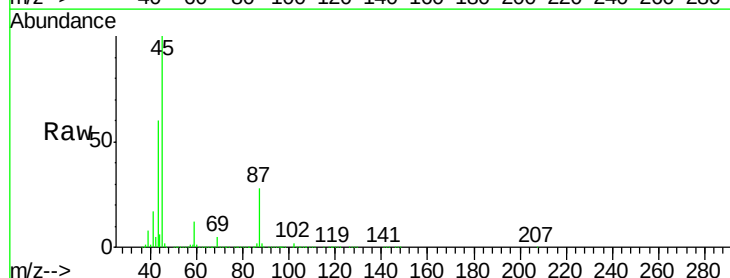
RT: 3.87 min Scan# 539

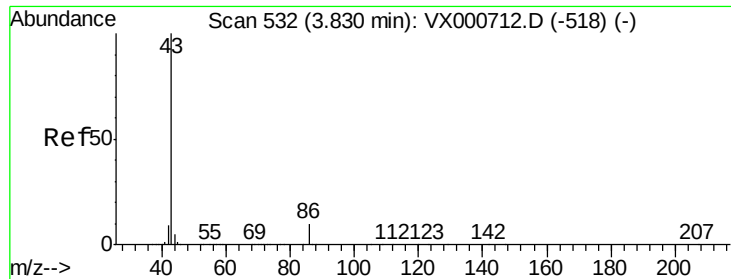
Delta R.T. -0.01 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Tgt Ion:	45	Resp:	412593
Ion	Ratio	Lower	Upper
45	100		
43	59.8	49.2	73.8
87	27.7	22.7	34.1
59	11.6	9.0	13.4





#23

Vinyl Acetate

Concen: 226.97 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1745601

Ion Ratio Lower Upper

43 100

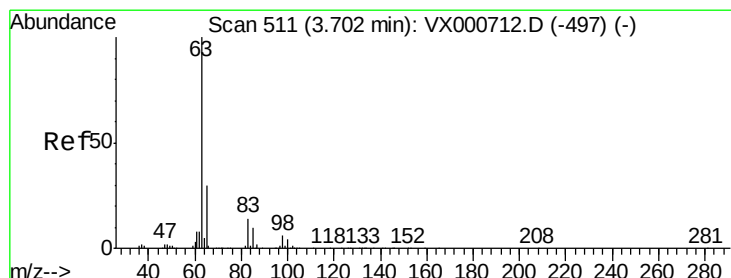
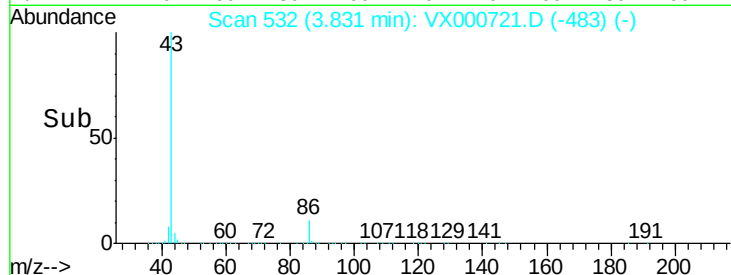
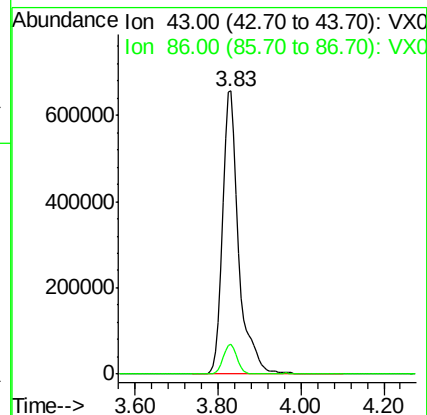
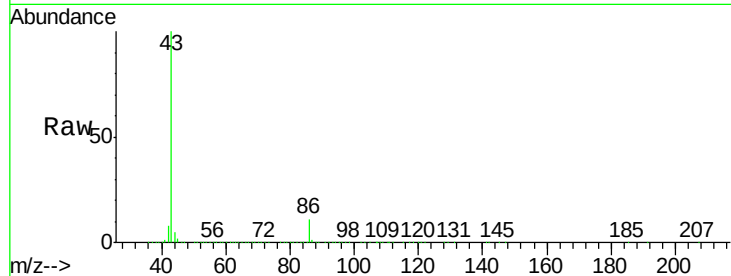
86 10.6 8.0 12.0

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#24

1,1-Dichloroethane

Concen: 46.12 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

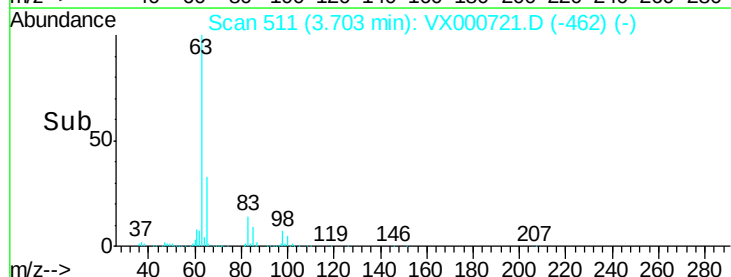
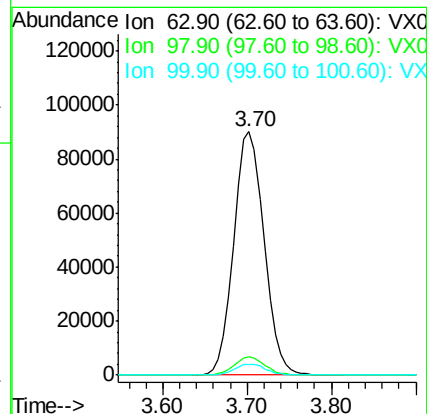
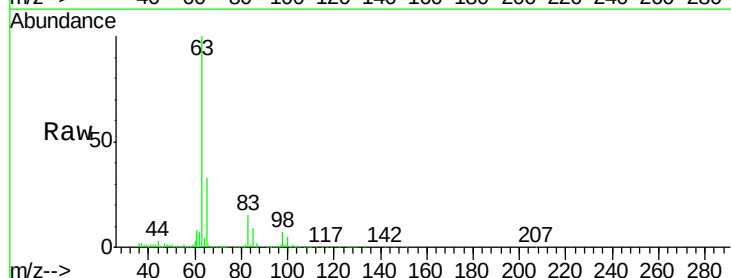
Tgt Ion: 63 Resp: 219264

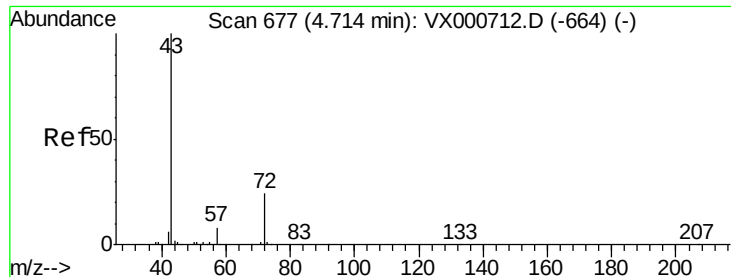
Ion Ratio Lower Upper

63 100

98 7.3 2.9 8.8

100 4.5 2.1 6.3





#25

2-Butanone

Concen: 225.37 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 462667

Ion Ratio Lower Upper

43 100

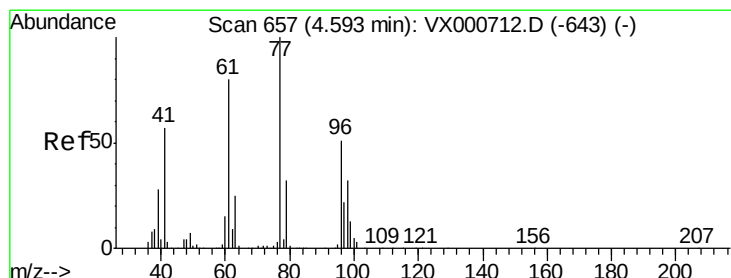
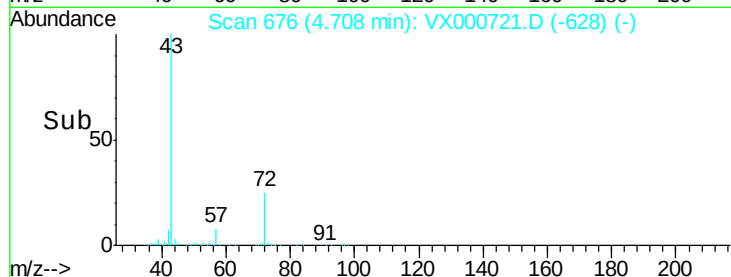
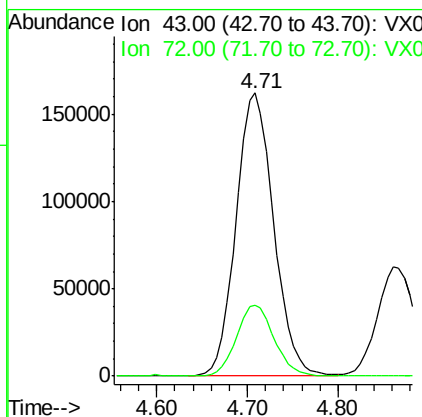
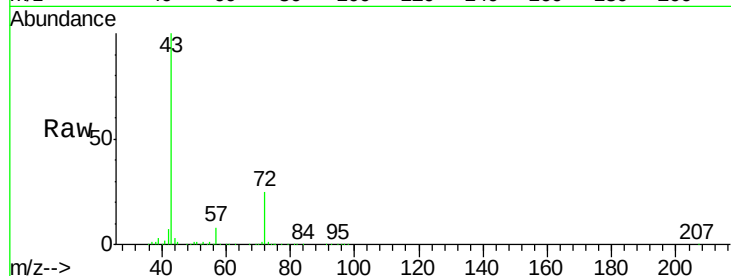
72 25.0 19.0 28.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 46.67 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX000721.D

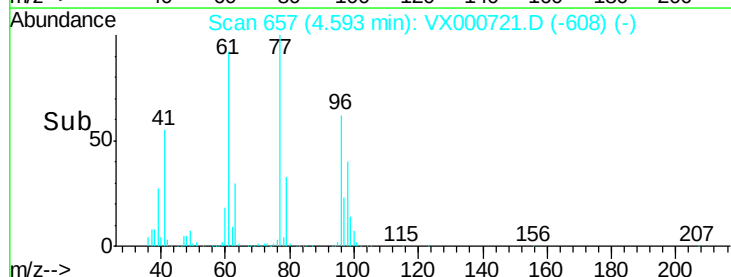
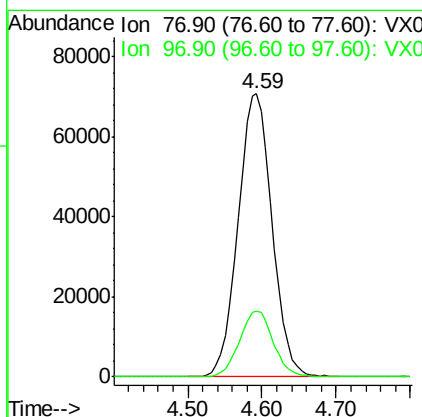
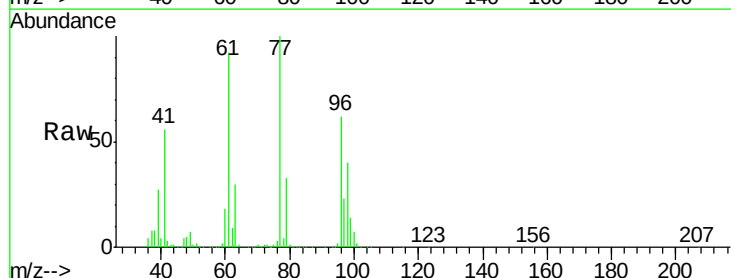
Acq: 08 Apr 2018 10:31

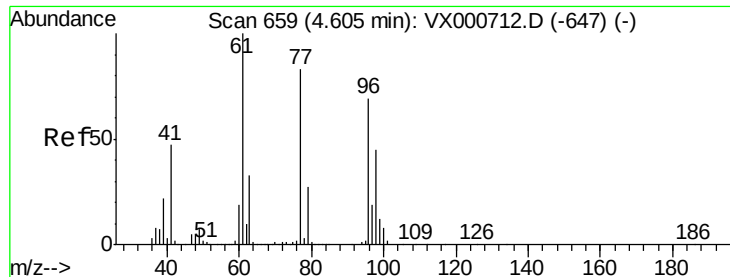
Tgt Ion: 77 Resp: 225802

Ion Ratio Lower Upper

77 100

97 23.2 11.3 33.9





#27

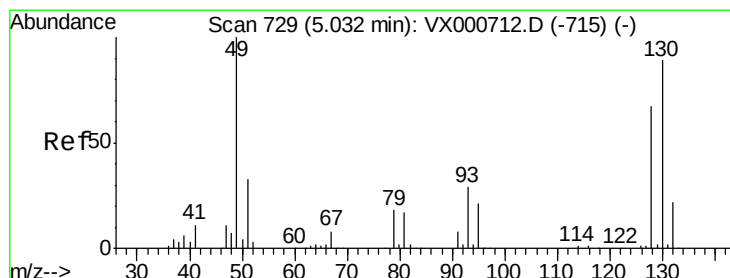
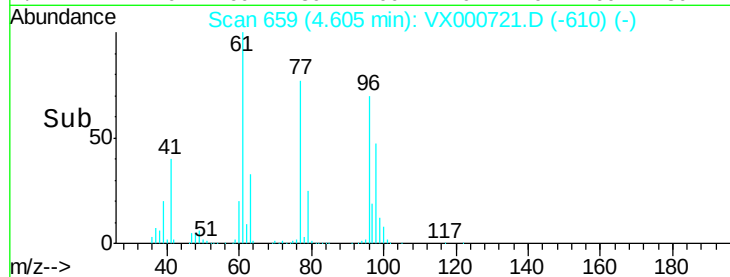
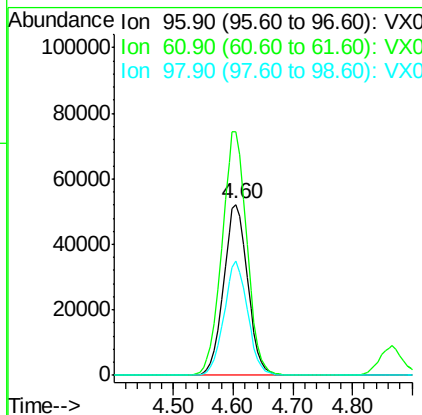
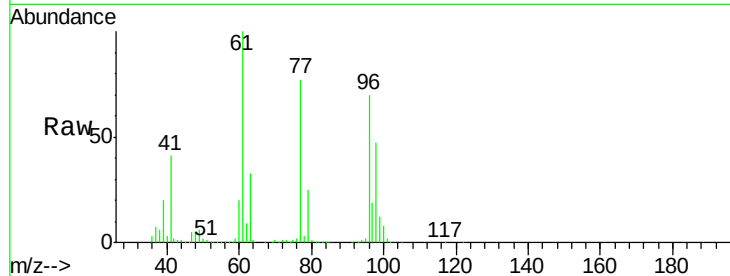
cis-1,2-Dichloroethene
Concen: 46.83 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	146755		
61	147.0	0.0	301.0	
98	64.7	0.0	129.6	

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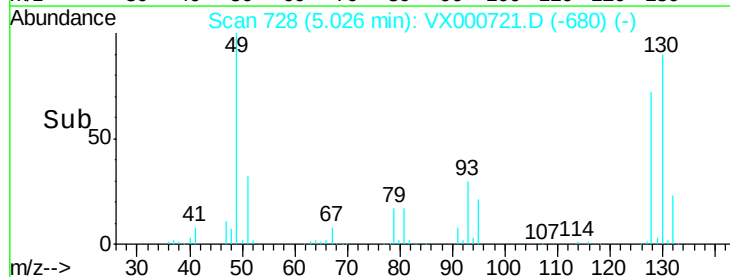
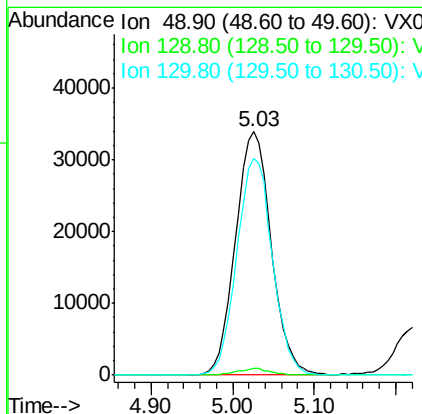
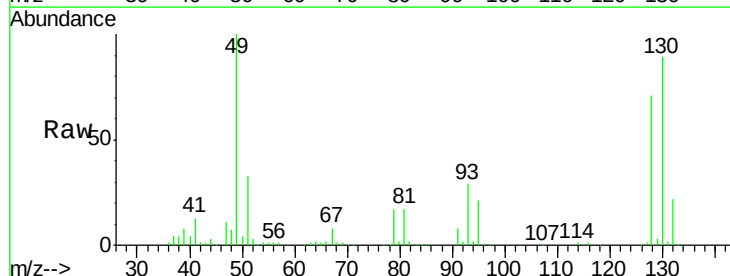
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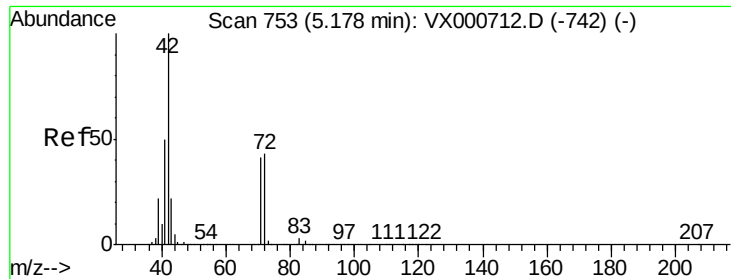


#28

Bromochloromethane
Concen: 55.33 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	103335		
129	2.6	0.0	5.4	
130	88.4	69.0	103.4	





#29

Tetrahydrofuran

Concen: 221.80 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

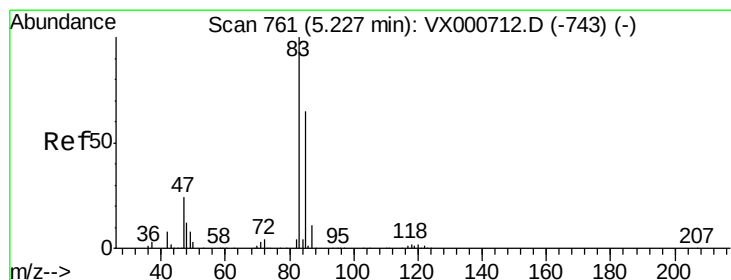
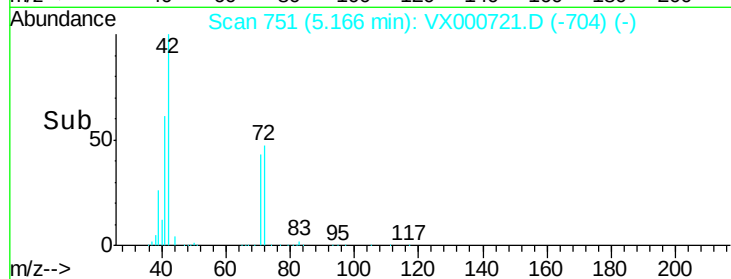
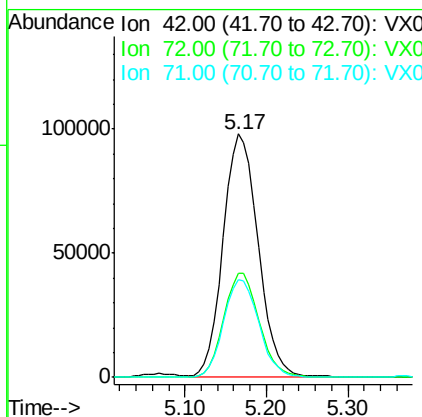
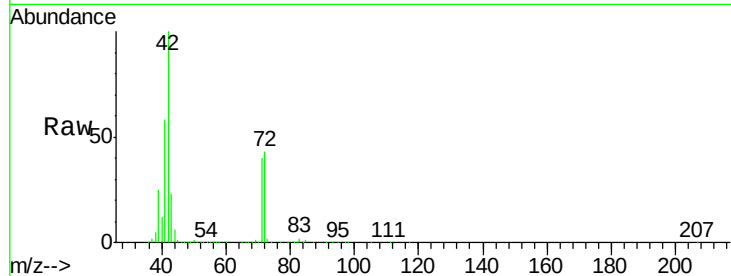
ClientSampled :

VSTDCCC050

Tot Ion:	42	Resp:	289766
Ion Ratio		Lower	Upper
42	100		
72	43.8	34.4	51.6
71	40.6	32.0	48.0

Manual Integrations
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#30

Chloroform

Concen: 47.36 ug/l

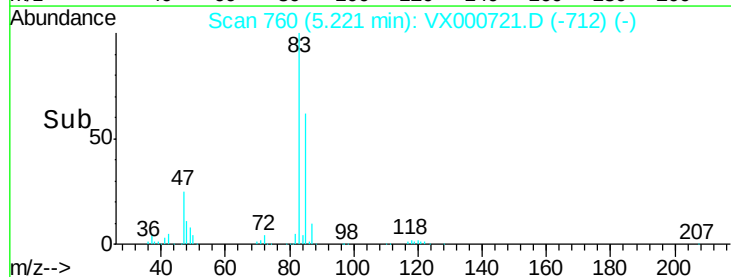
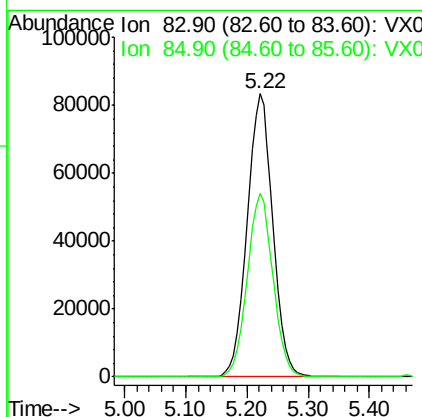
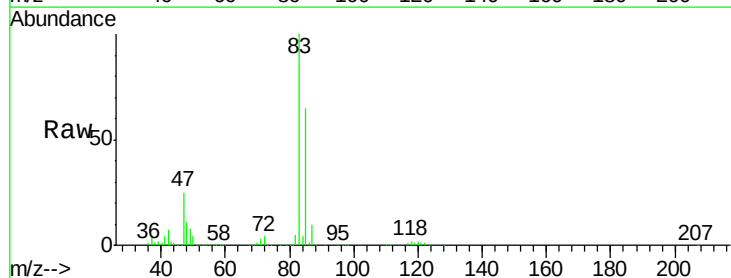
RT: 5.22 min Scan# 760

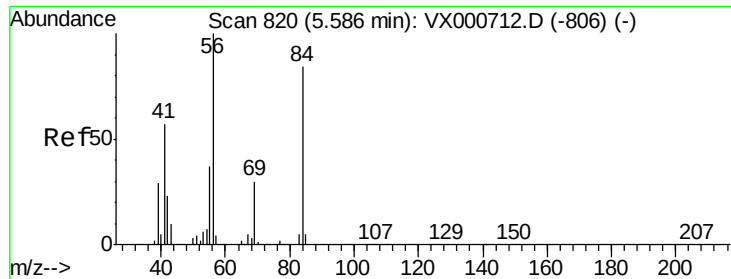
Delta R.T. -0.01 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Tgt Ion:	83	Resp:	244751
Ion Ratio		Lower	Upper
83	100		
85	64.8	52.3	78.5





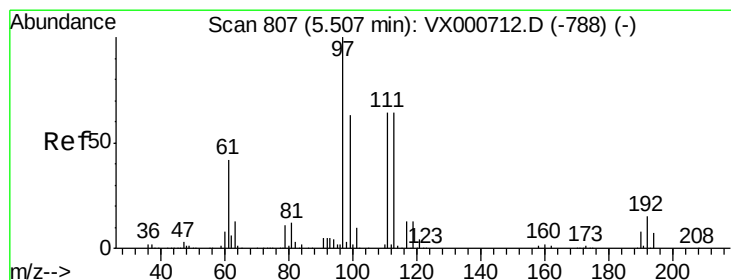
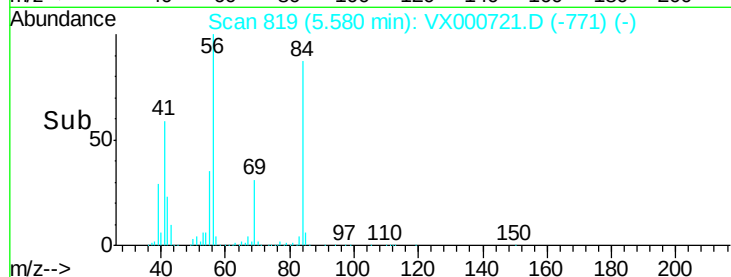
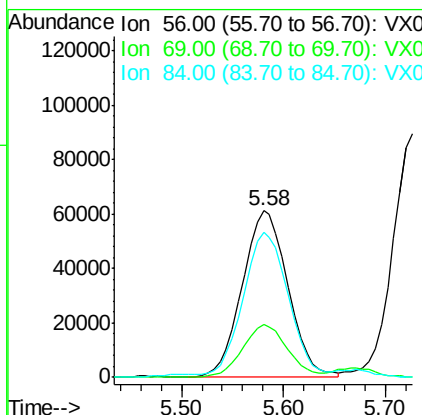
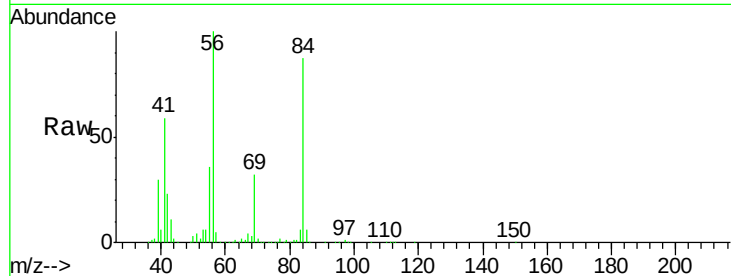
#31
Cyclohexane
Concen: 49.98 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.5	23.8	35.6
84	85.2	67.4	101.2

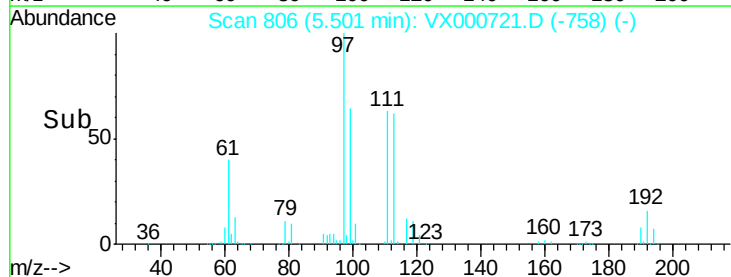
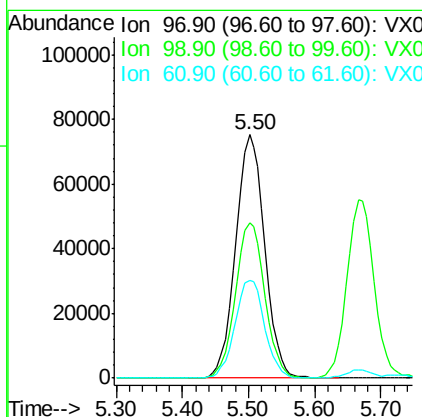
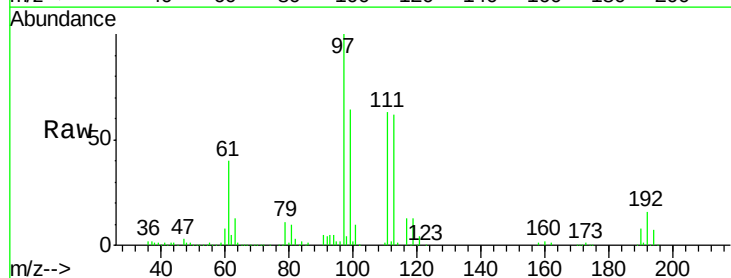
Manual Integrations
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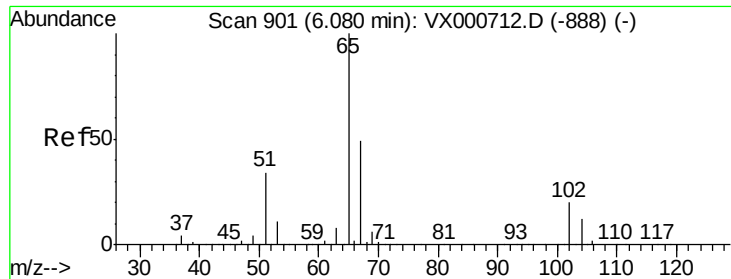
sam
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#32
1,1,1-Trichloroethane
Concen: 46.48 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.4	77.2
61	41.2	34.2	51.4





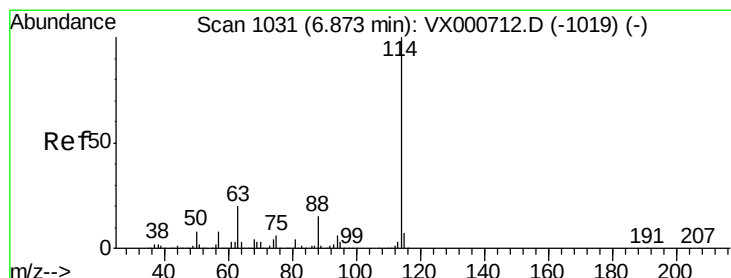
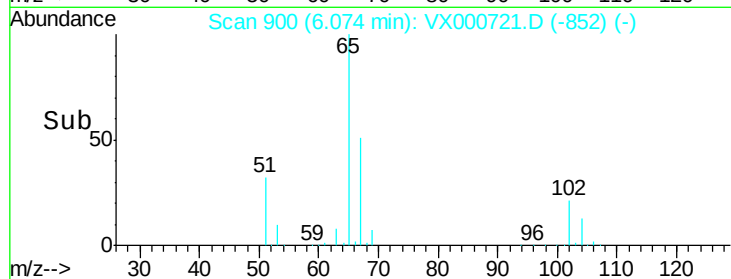
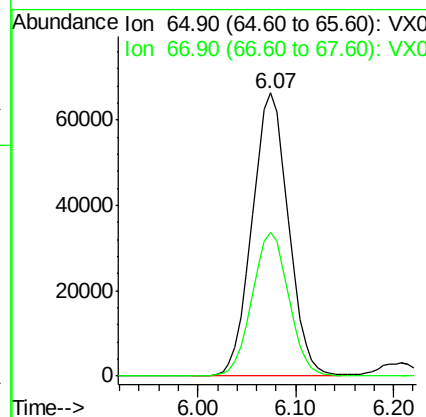
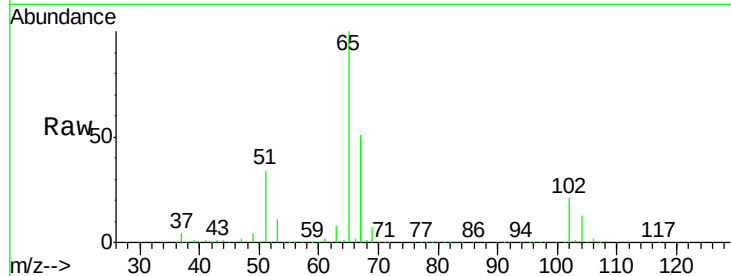
#33
 1,2-Dichloroethane-d4
 Concen: 45.69 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000721.D
 Acq: 08 Apr 2018 10:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	170917		
67	50.9	0.0	102.6	

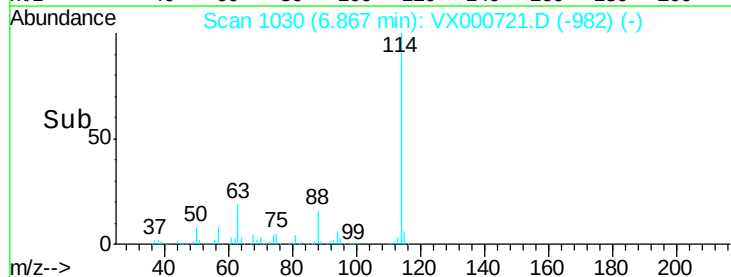
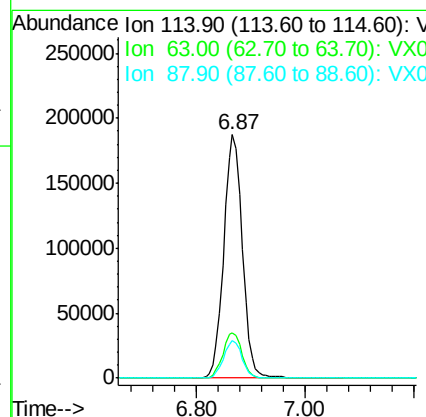
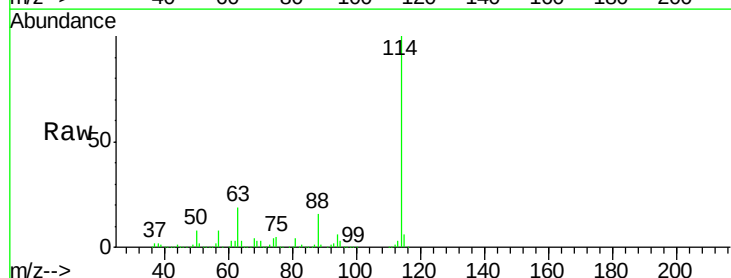
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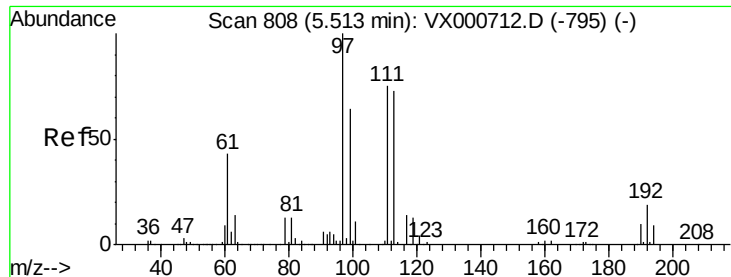
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000721.D
 Acq: 08 Apr 2018 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	444409		
63	18.7	0.0	39.6	
88	15.6	0.0	30.6	





#35

Dibromofluoromethane

Concen: 50.03 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

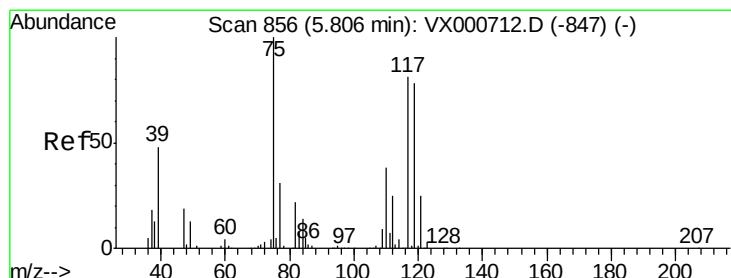
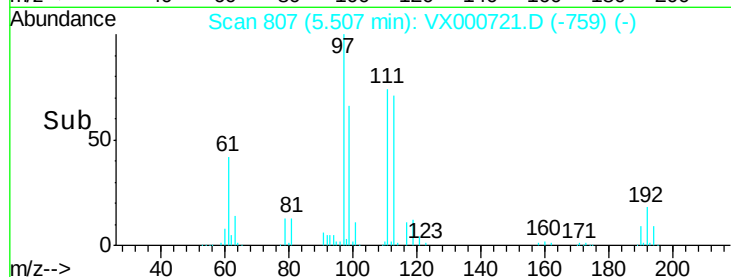
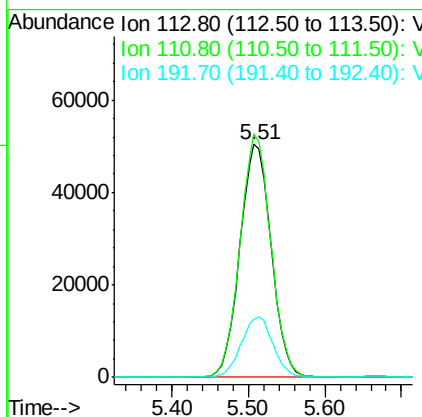
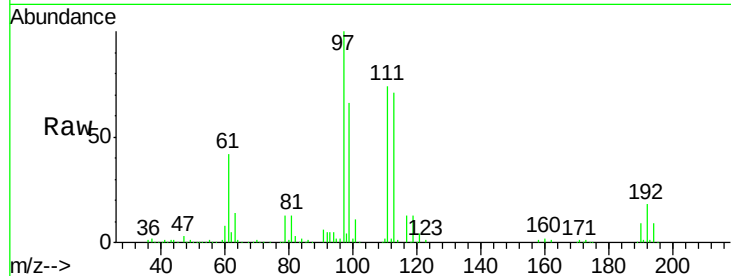
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	143701
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.5	122.3
192	26.0	20.0	30.0

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 46.27 ug/l

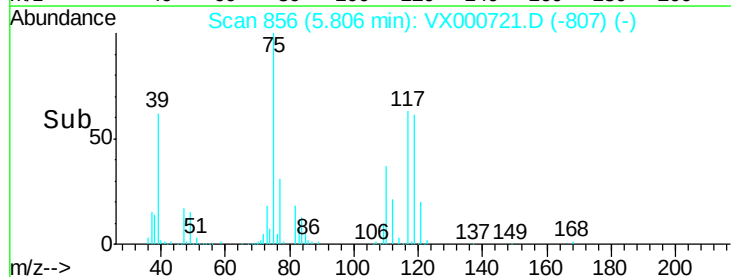
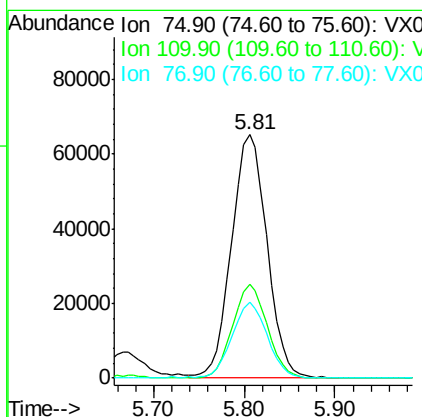
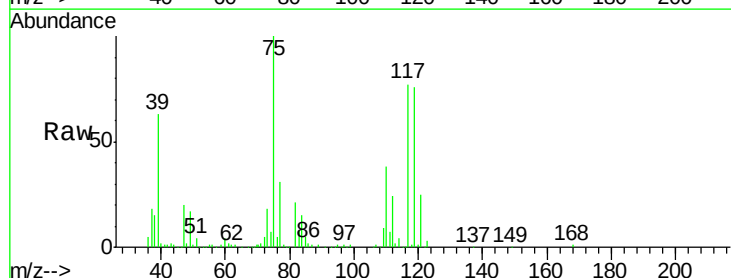
RT: 5.81 min Scan# 856

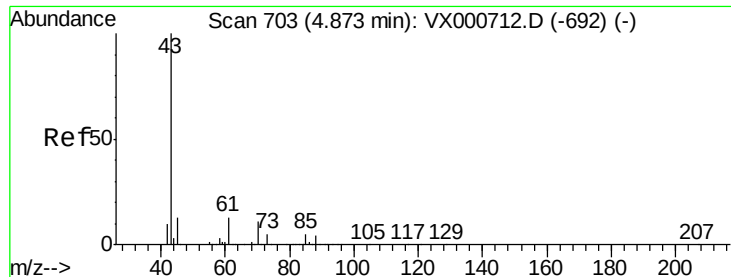
Delta R.T. 0.00 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Tgt Ion:	75	Resp:	176112
Ion	Ratio	Lower	Upper
75	100		
110	37.7	18.6	56.0
77	30.6	24.6	37.0





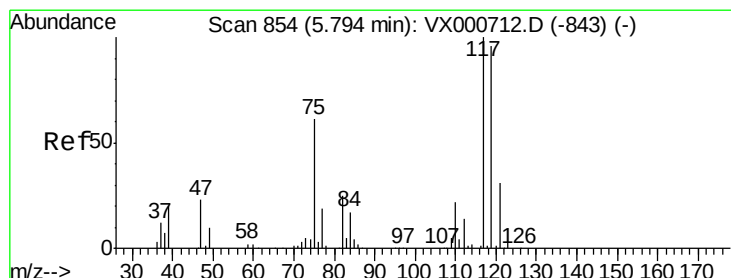
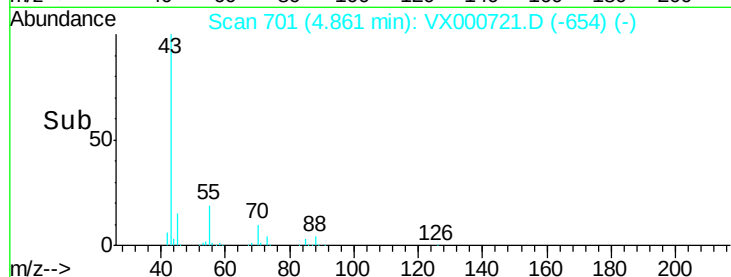
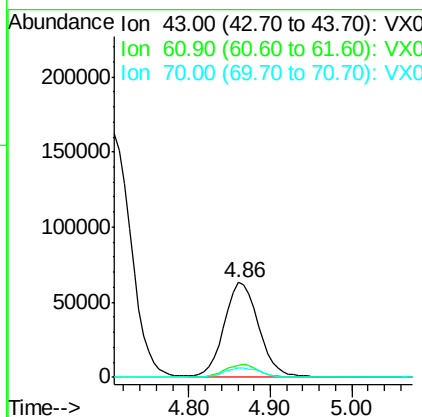
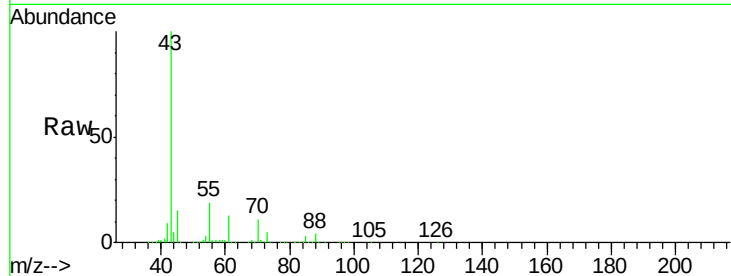
#37
Ethyl Acetate
Concen: 44.37 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	182277
Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.5	15.7
70	10.9	8.4	12.6

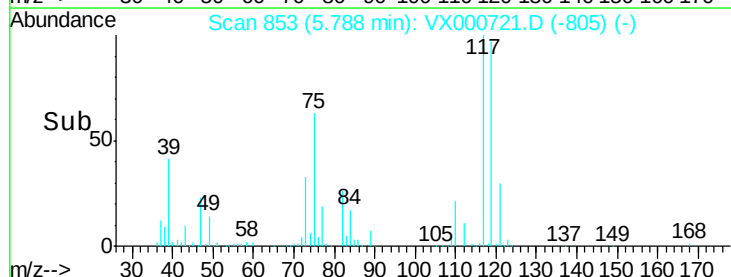
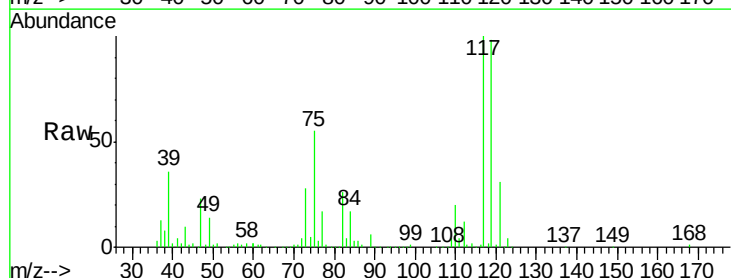
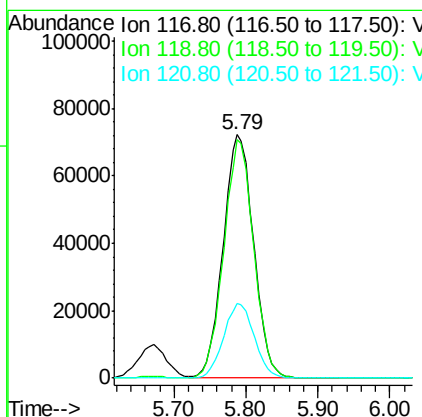
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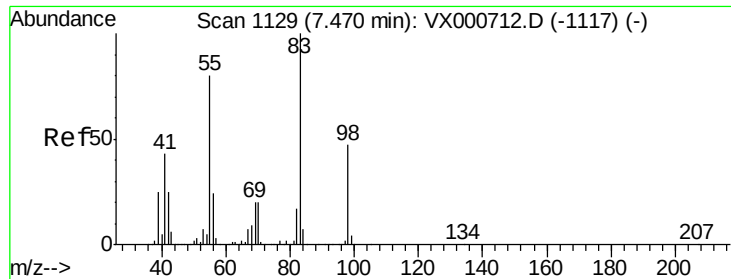
sam
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#38
Carbon Tetrachloride
Concen: 47.64 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Tgt Ion:	117	Resp:	212488
Ion	Ratio	Lower	Upper
117	100		
119	97.8	76.7	115.1
121	30.6	24.7	37.1





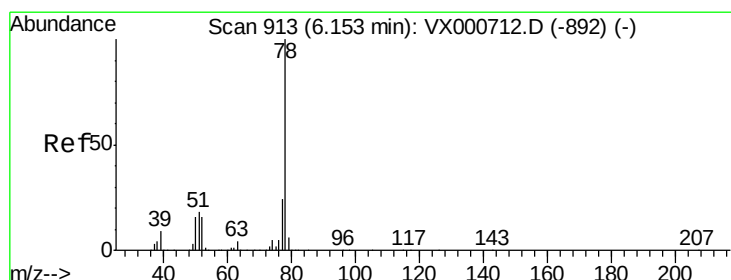
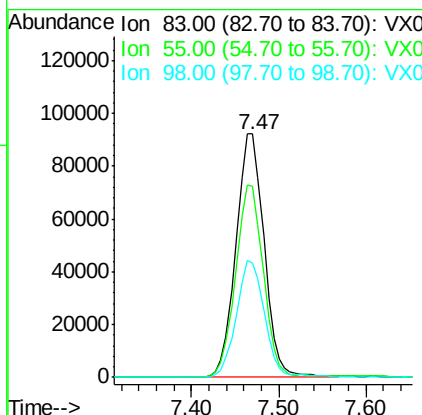
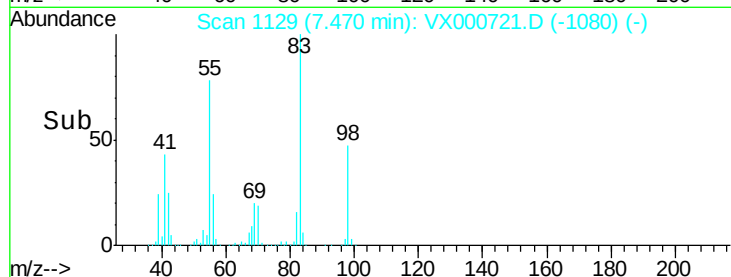
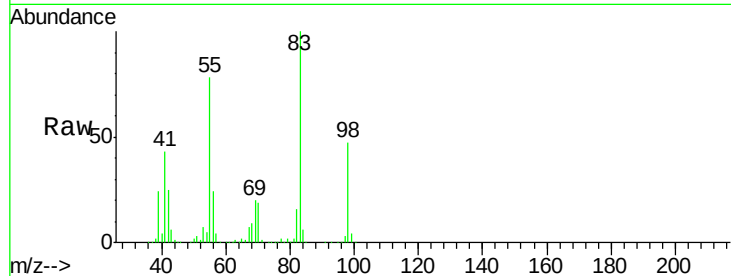
#39
Methylvlcyclohexane
Concen: 51.55 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	207389		
55	78.2		63.7	95.5
98	46.9		37.2	55.8

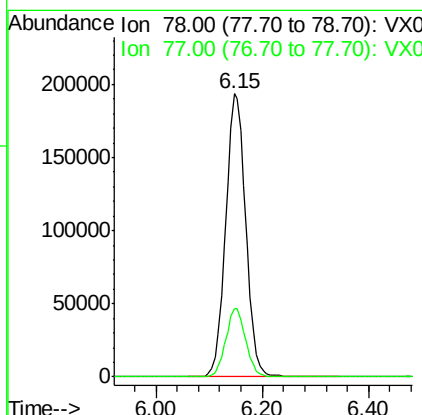
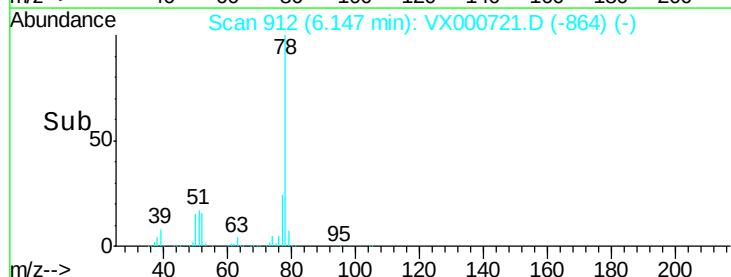
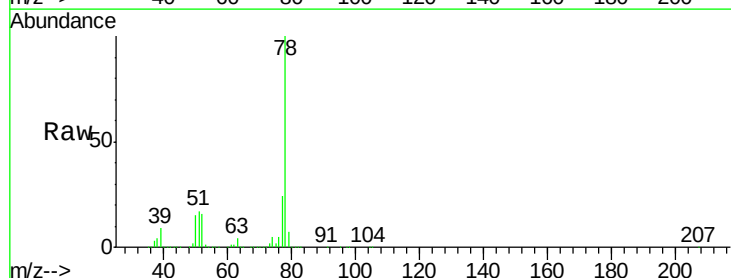
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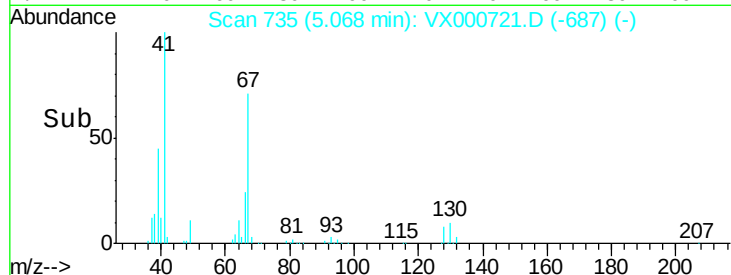
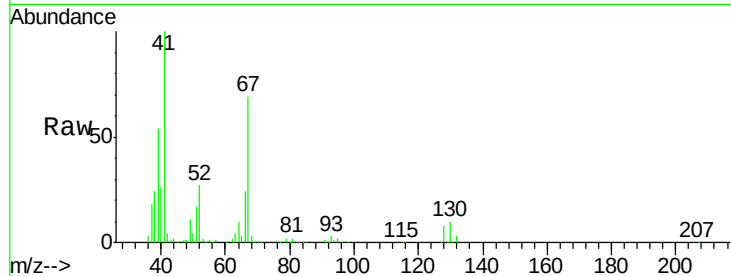
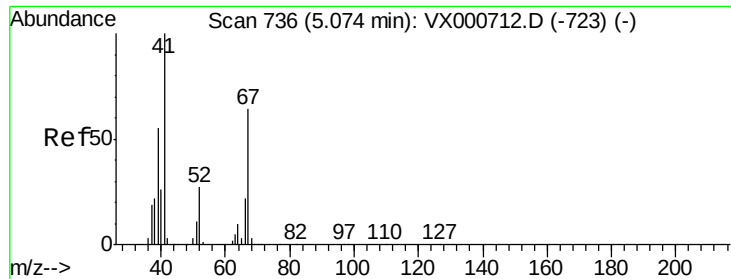
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#40
Benzene
Concen: 47.70 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	510655		
77	24.1		19.0	28.4





#41

Methacrylonitrile

Concen: 45.94 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.01 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	56.3	45.3	67.9		
67	67.7	52.7	79.1		
52	28.0	22.3	33.5		

Instrument :

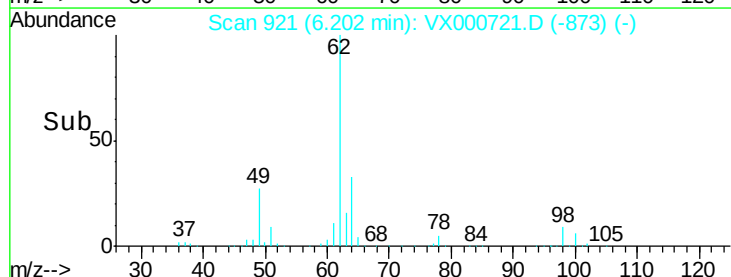
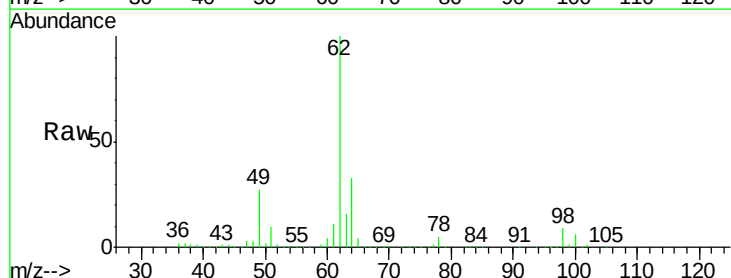
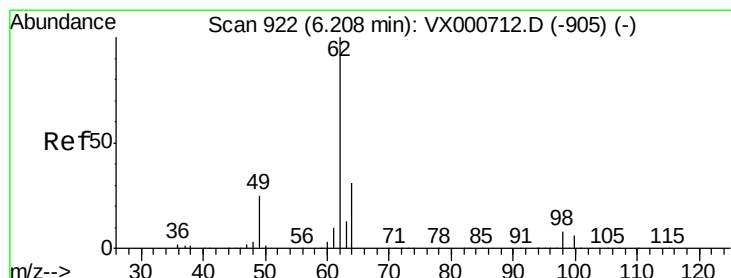
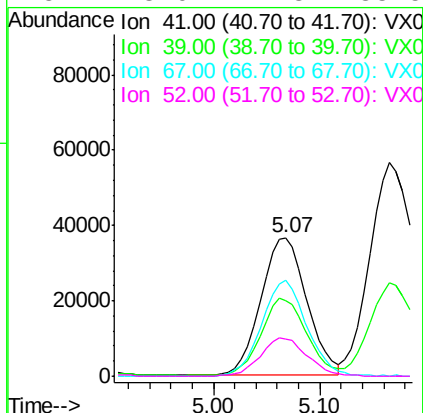
MSVOA_X

ClientSampleId :

VSTDCCC050

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 47.28 ug/l

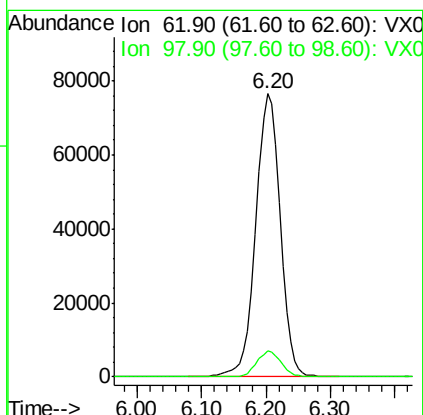
RT: 6.20 min Scan# 921

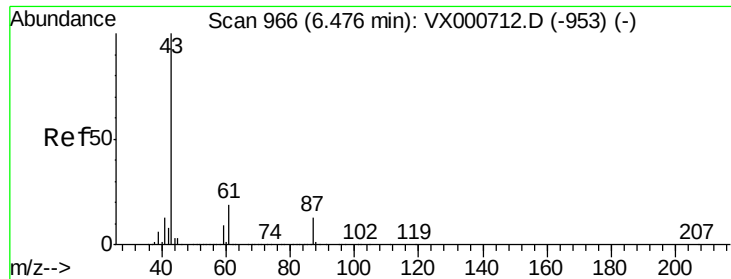
Delta R.T. -0.01 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.2	0.0	17.2		





#43

Isopropyl Acetate

Concen: 45.62 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

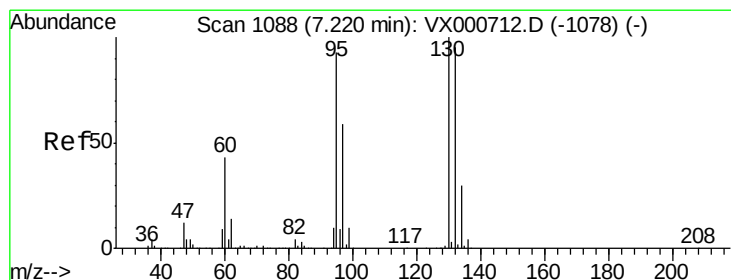
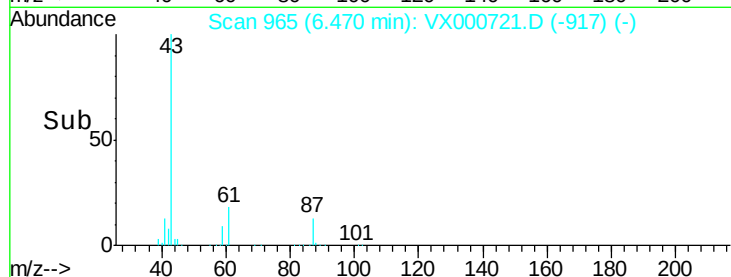
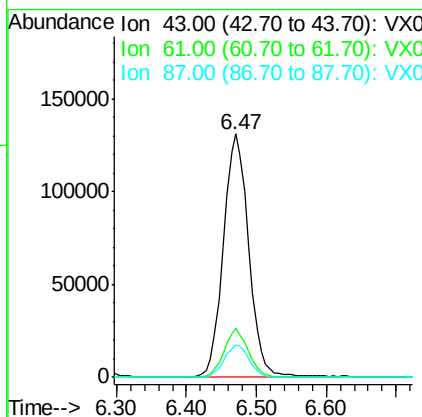
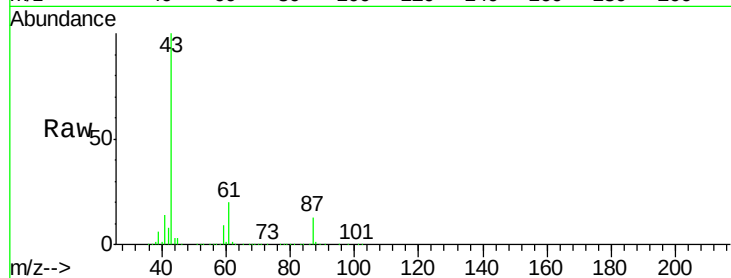
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	326416
Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.4	23.0
87	13.3	10.4	15.6

Manual Integrations
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sam
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#44

Trichloroethene

Concen: 48.70 ug/l

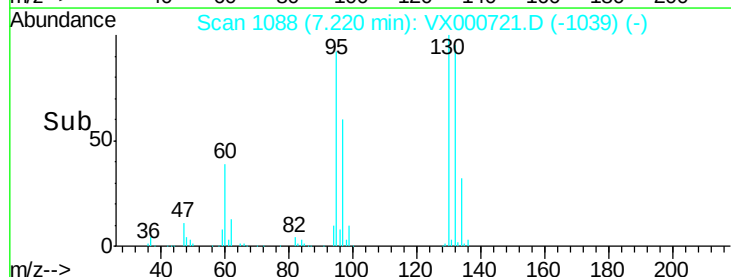
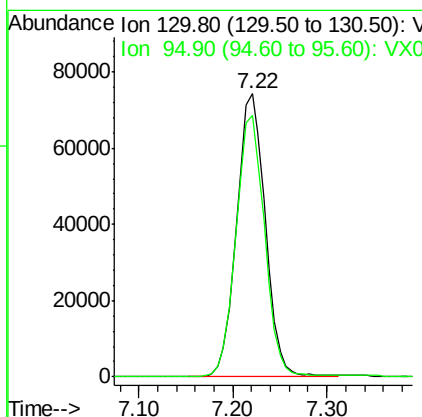
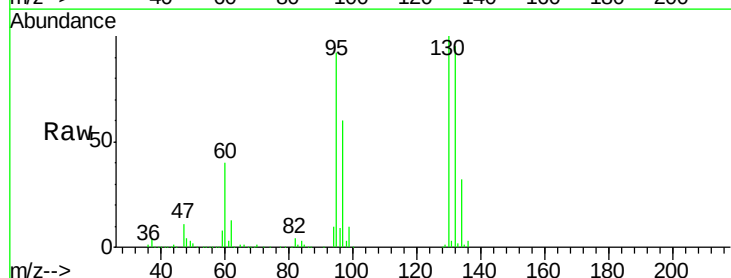
RT: 7.22 min Scan# 1088

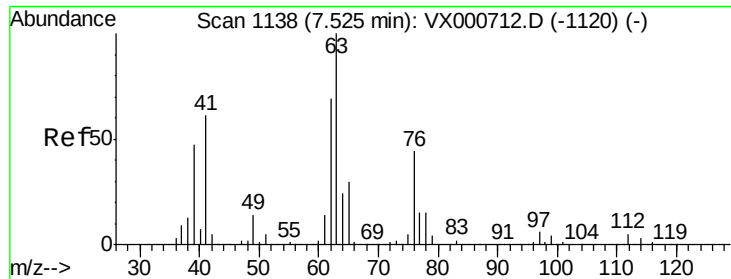
Delta R.T. 0.00 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Tgt Ion:	130	Resp:	158438
Ion	Ratio	Lower	Upper
130	100		
95	92.3	0.0	185.4





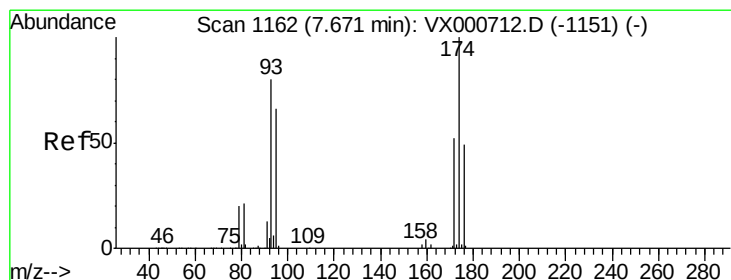
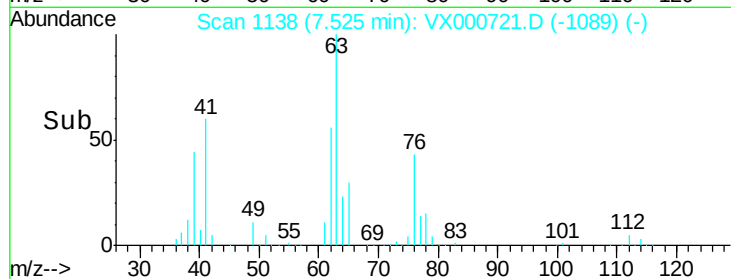
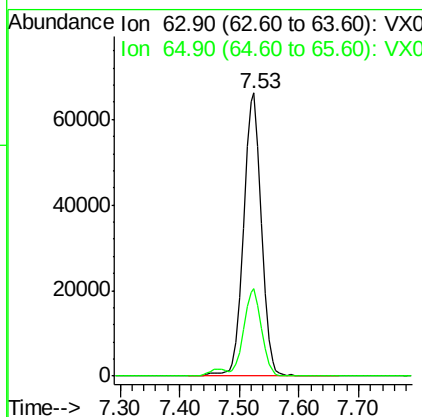
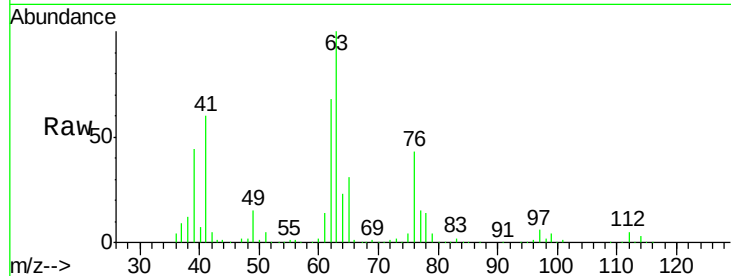
#45
 1,2-Dichloropropane
 Concen: 48.21 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000721.D
 Acq: 08 Apr 2018 10:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	24.2	36.2

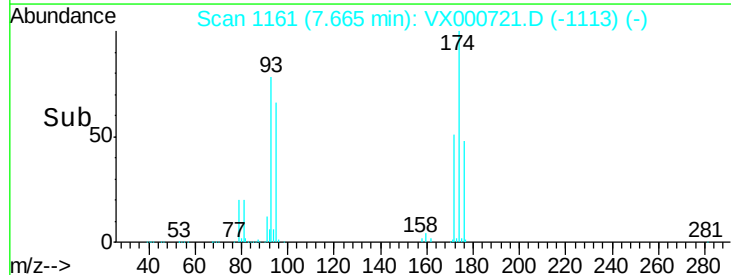
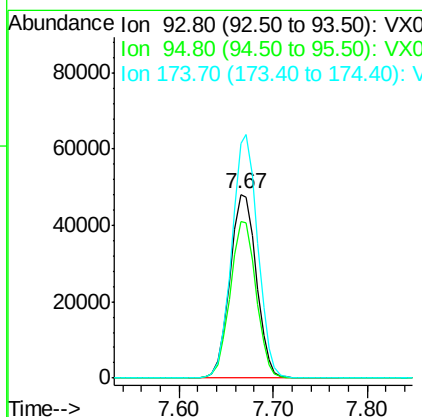
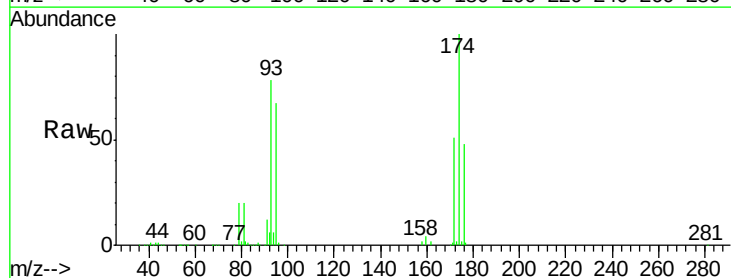
Manual Integrations
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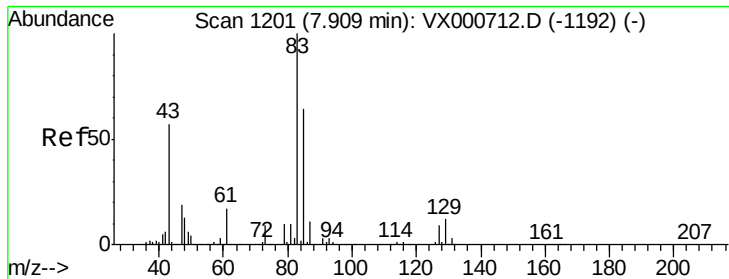
sam
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#46
 Dibromomethane
 Concen: 47.32 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX000721.D
 Acq: 08 Apr 2018 10:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.4	66.0	99.0
174	129.2	100.2	150.2





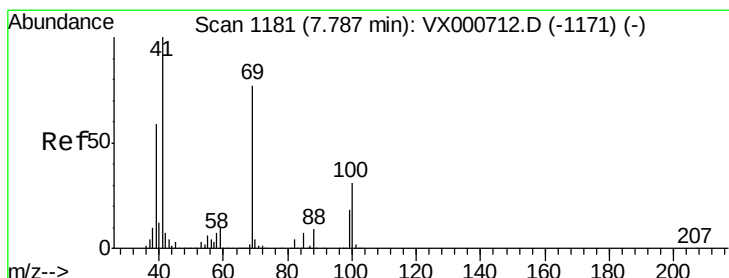
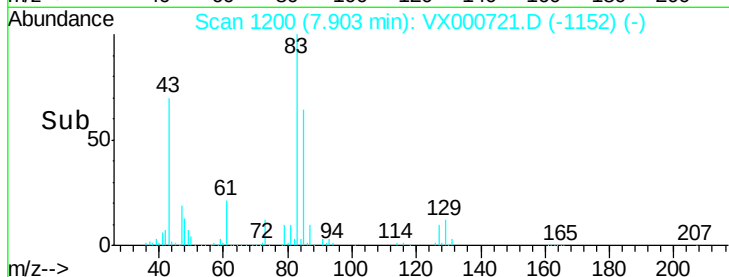
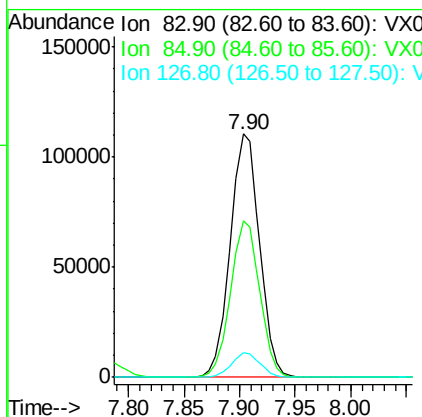
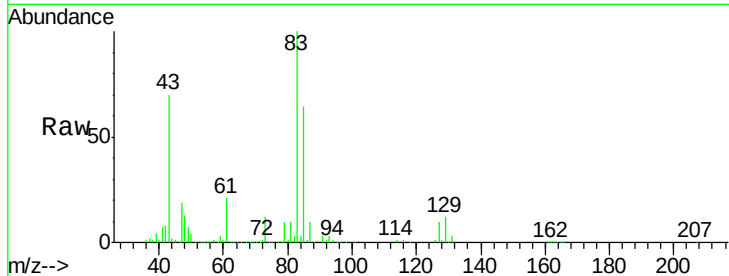
#47
Bromodichloromethane
Concen: 48.75 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.01 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	83	Resp	200983
Ion Ratio	Lower	Upper	
83	100		
85	64.2	51.0	76.4
127	10.1	7.4	11.2

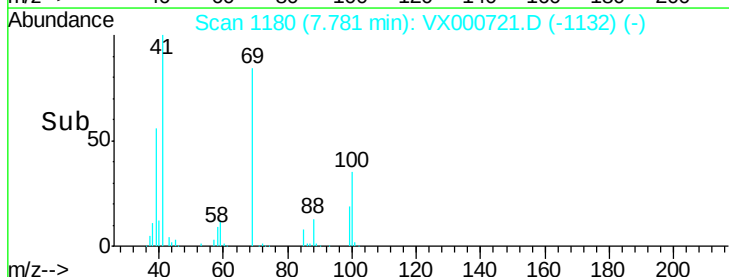
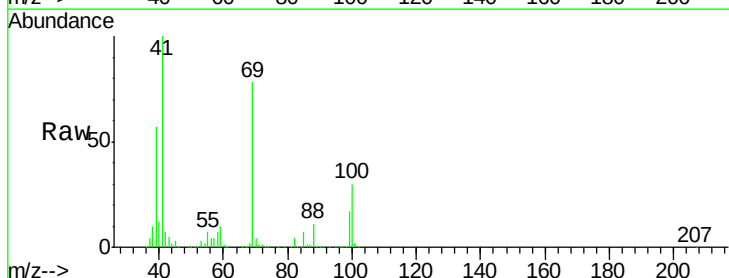
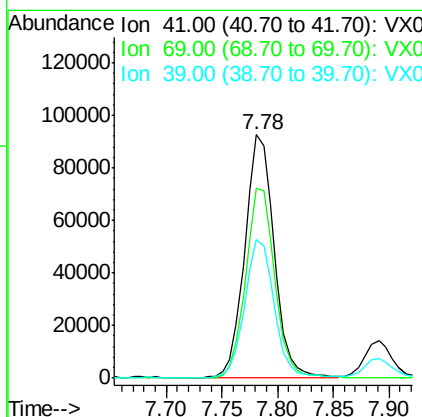
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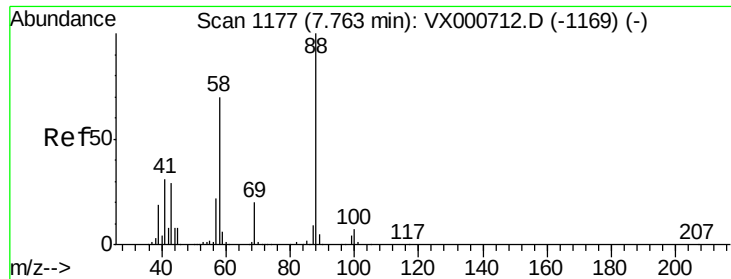
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#48
Methyl methacrylate
Concen: 46.86 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Tgt Ion	41	Resp	168675
Ion Ratio	Lower	Upper	
41	100		
69	78.2	62.0	93.0
39	57.1	47.0	70.4





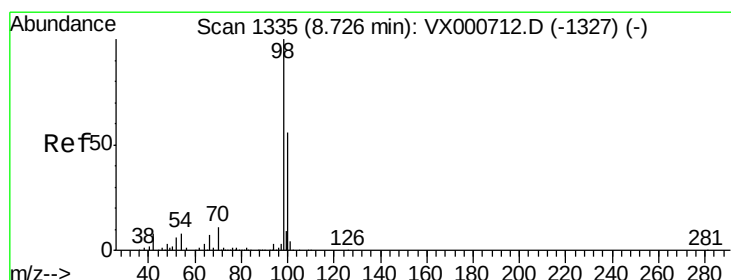
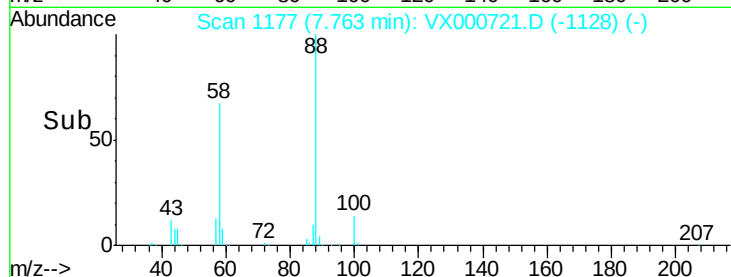
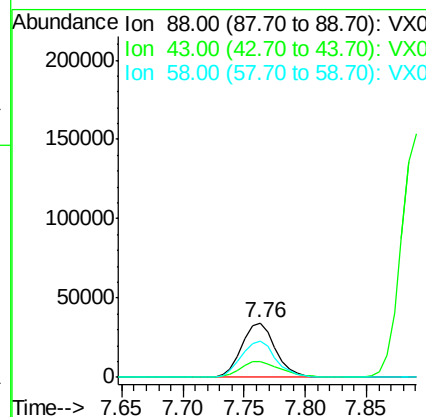
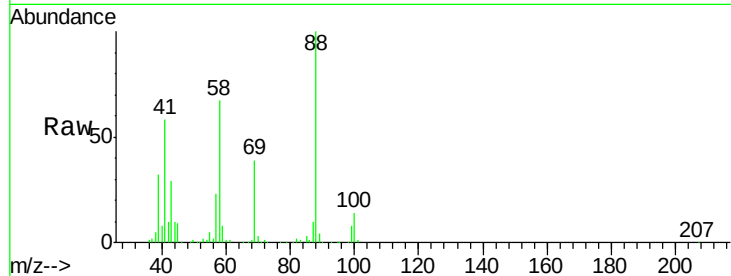
#49
1,4-Dioxane
Concen: 919.29 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.8	27.9	41.9
58	68.8	57.0	85.4

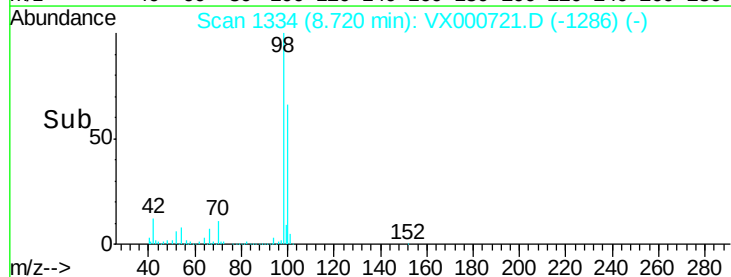
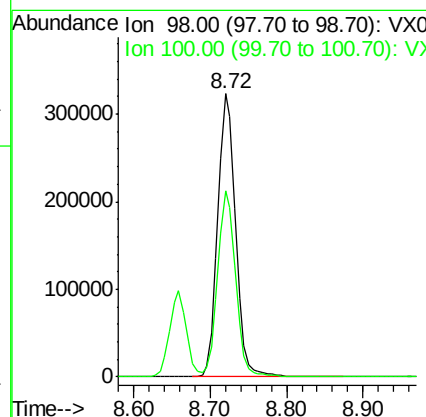
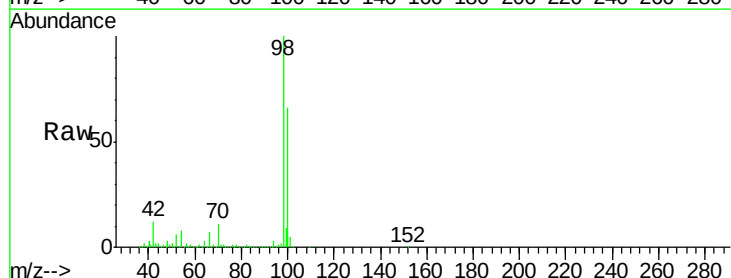
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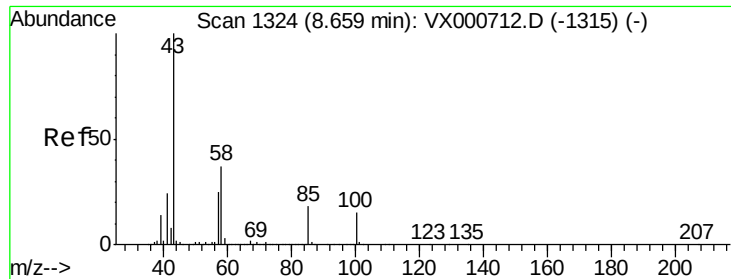
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#50
Toluene-d8
Concen: 48.04 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.6	78.8





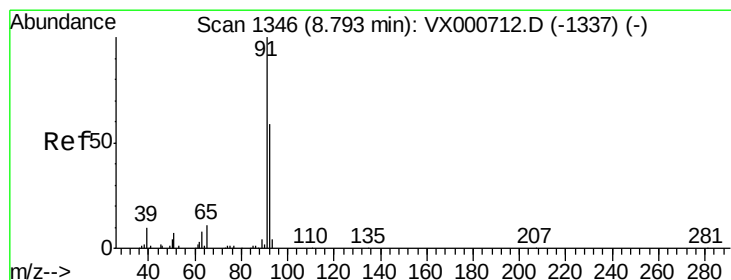
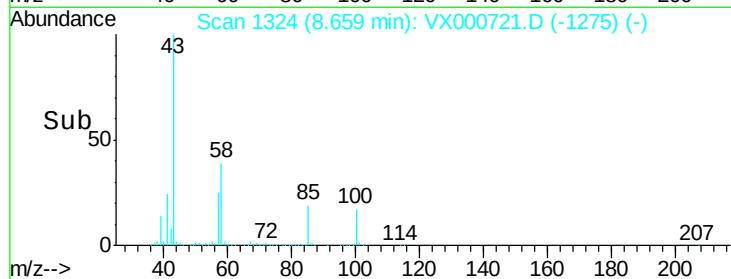
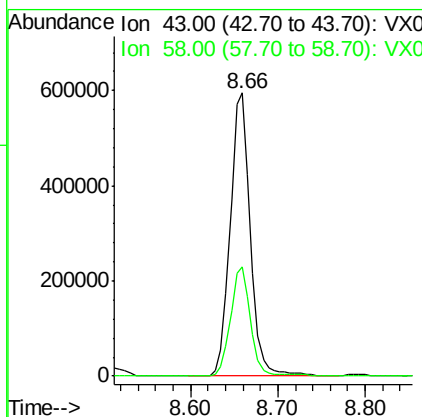
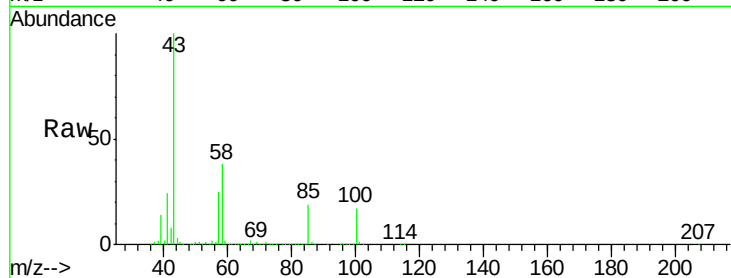
#51
 4-Methyl-2-Pentanone
 Concen: 230.68 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX000721.D
 Acq: 08 Apr 2018 10:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	43	Resp	956215
Ion Ratio	100	Lower	Upper
43	100		
58	37.9	30.6	46.0

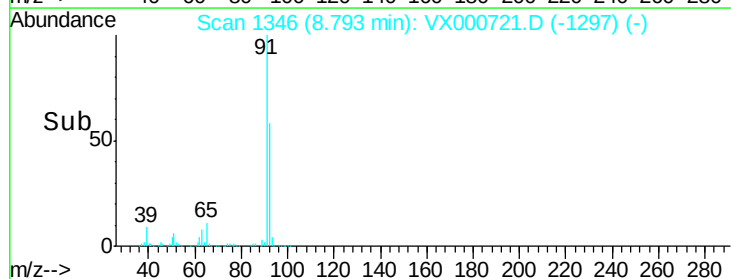
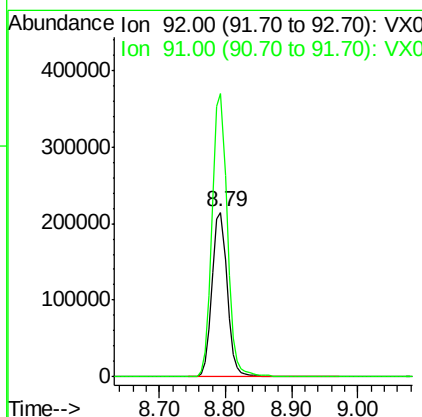
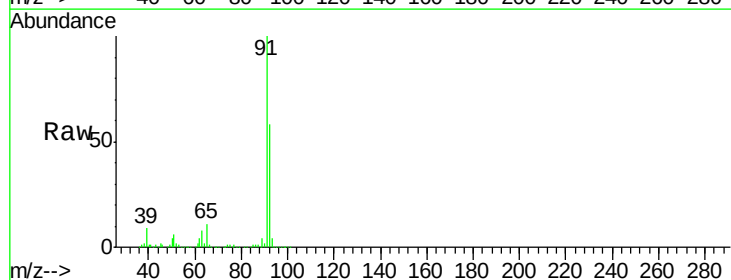
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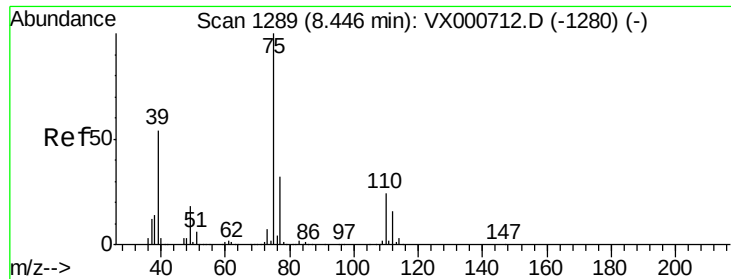
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#52
 Toluene
 Concen: 48.09 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VX000721.D
 Acq: 08 Apr 2018 10:31

Tgt Ion	92	Resp	343251
Ion Ratio	100	Lower	Upper
92	100		
91	170.8	136.4	204.6





#53

t-1,3-Dichloropropene

Concen: 48.89 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 239814

Ion Ratio Lower Upper

75 100

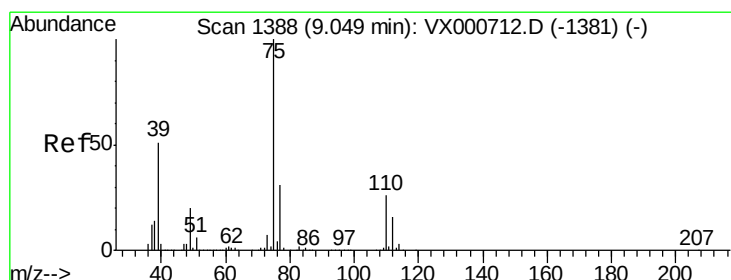
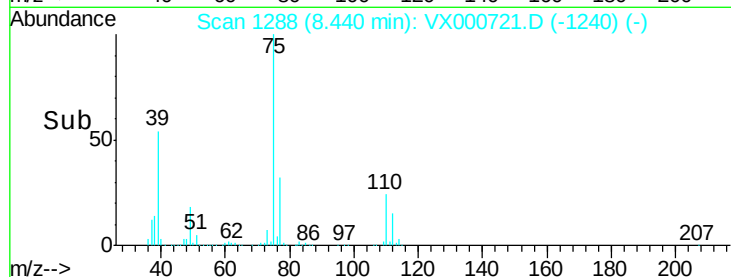
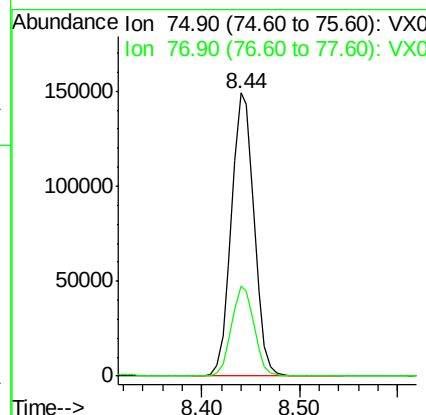
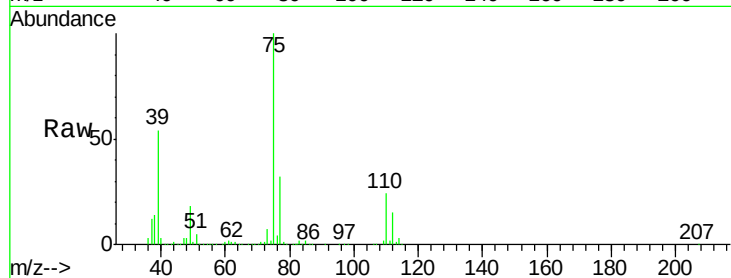
77 31.8 25.4 38.0

Manual Integrations

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sam

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#54

cis-1,3-Dichloropropene

Concen: 49.21 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

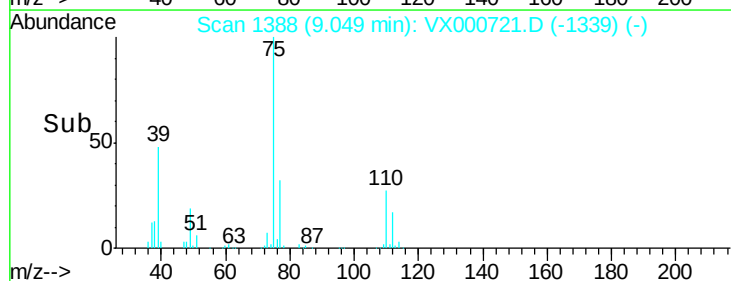
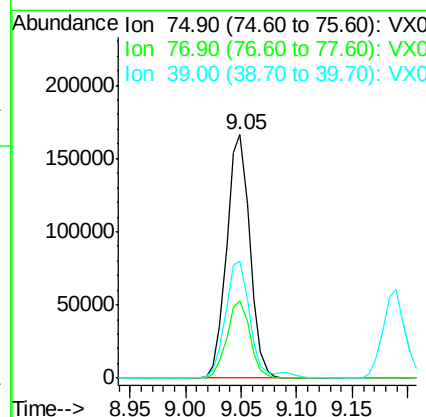
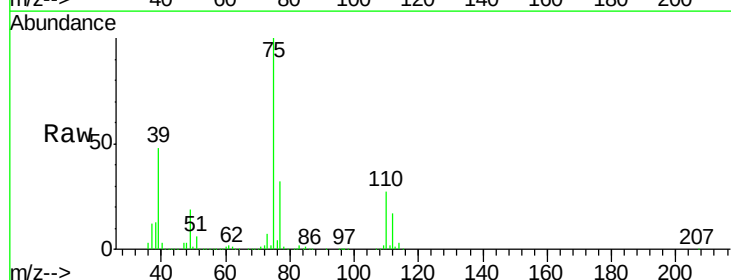
Tgt Ion: 75 Resp: 239721

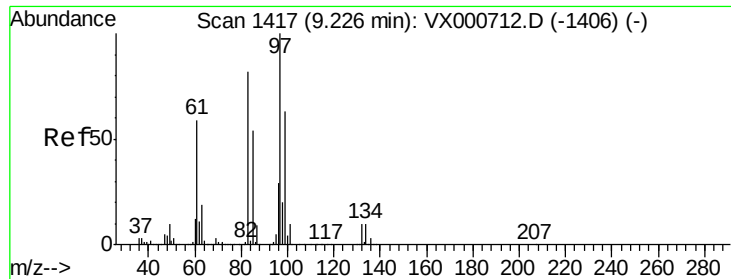
Ion Ratio Lower Upper

75 100

77 31.9 25.2 37.8

39 48.0 40.5 60.7





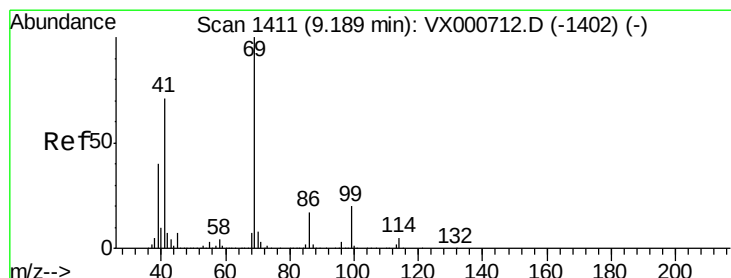
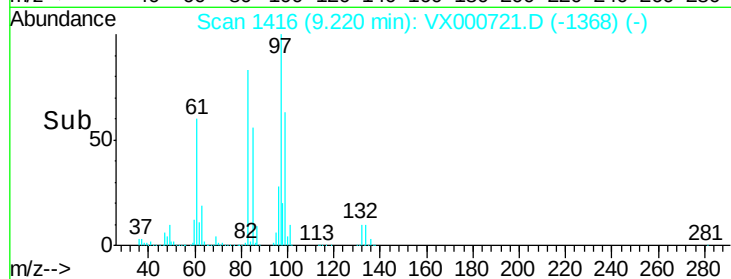
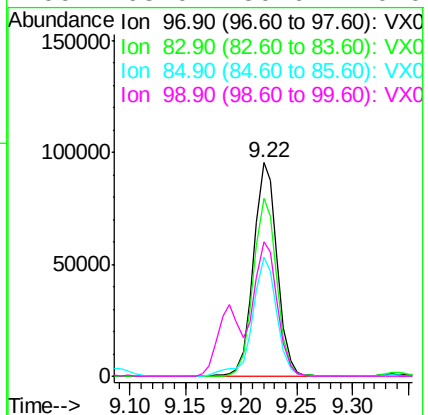
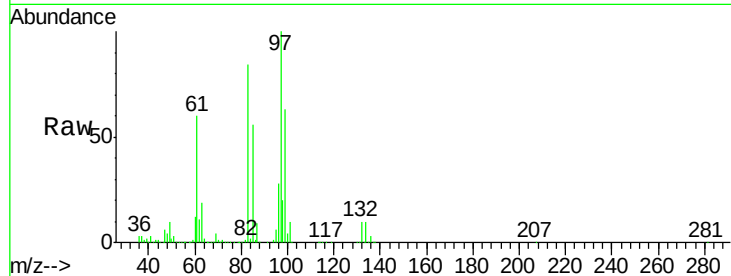
#55
 1,1,2-Trichloroethane
 Concen: 48.76 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: VX000721.D
 Acq: 08 Apr 2018 10:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
97	100	141558		
83	83.5	65.7	98.5	
85	55.7	42.8	64.2	
99	63.0	50.6	76.0	

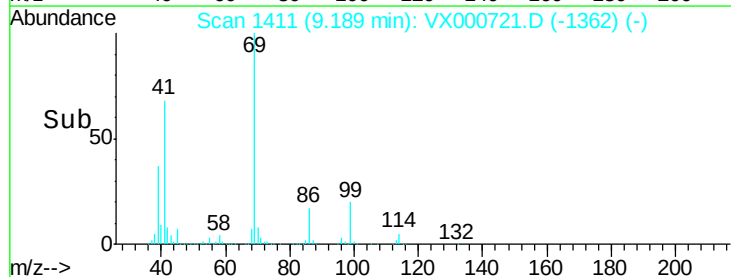
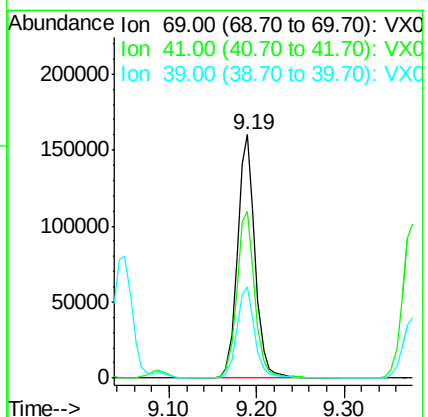
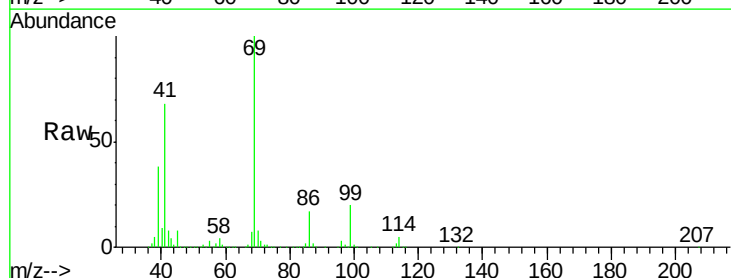
Manual Integrations
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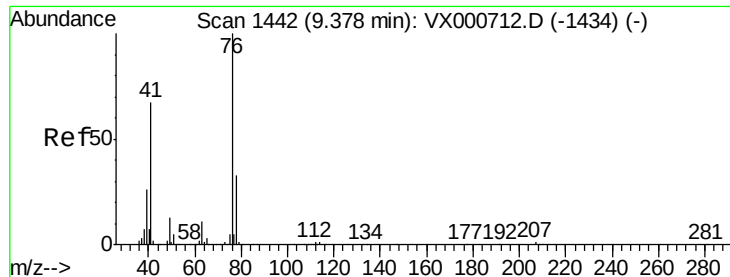
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#56
 Ethyl methacrylate
 Concen: 48.48 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000721.D
 Acq: 08 Apr 2018 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	224454		
41	69.7	56.4	84.6	
39	38.1	31.4	47.2	





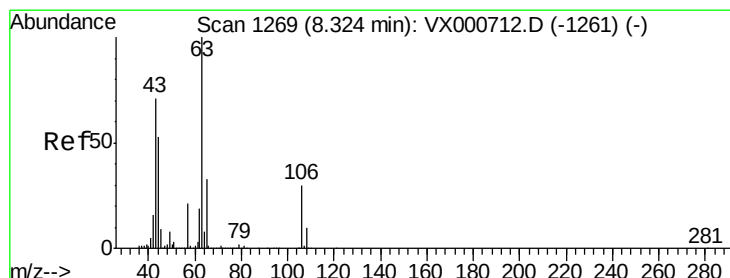
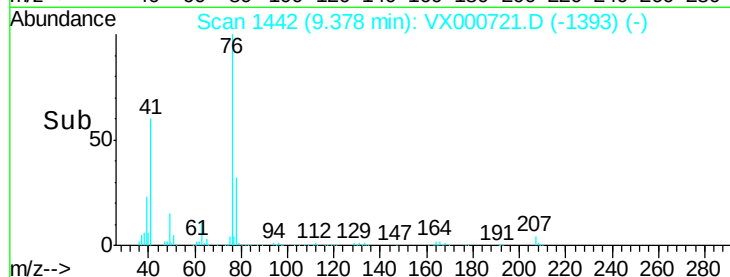
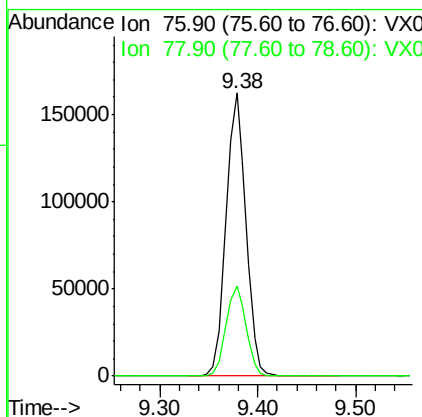
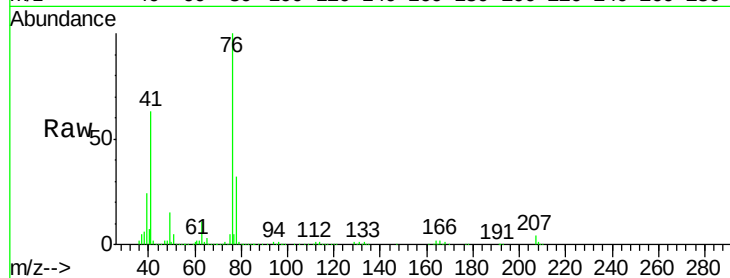
#57
 1,3-Dichloropropane
 Concen: 48.06 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000721.D
 Acq: 08 Apr 2018 10:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.2	39.2

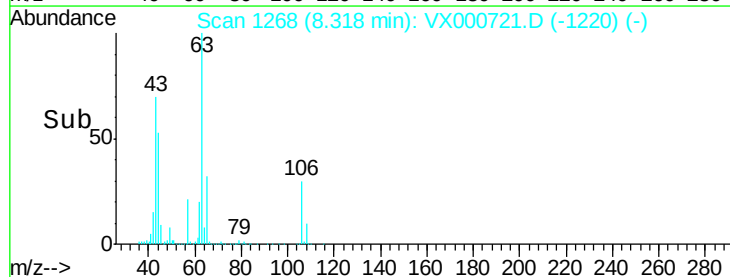
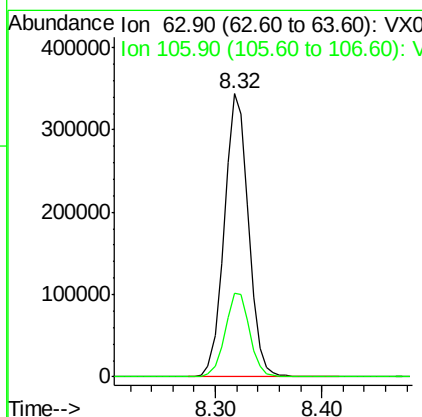
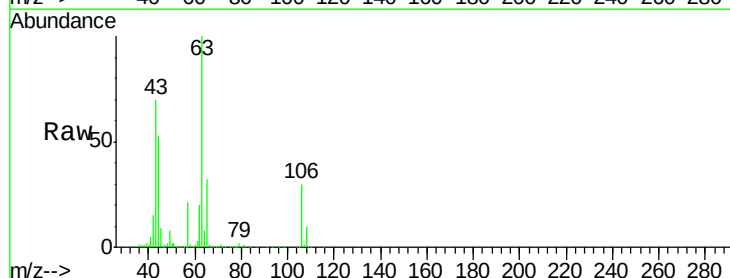
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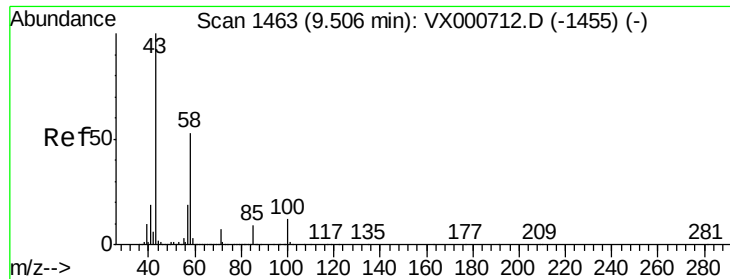
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#58
 2-Chloroethyl Vinyl ether
 Concen: 250.93 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX000721.D
 Acq: 08 Apr 2018 10:31

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.1	24.0	36.0





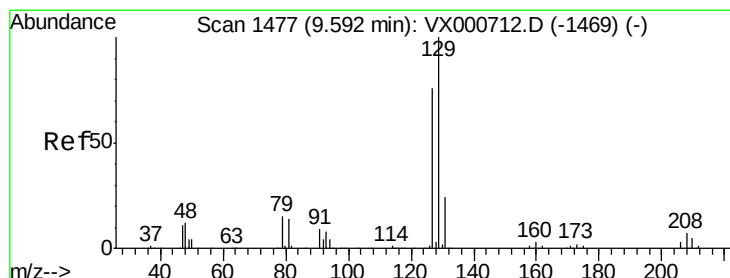
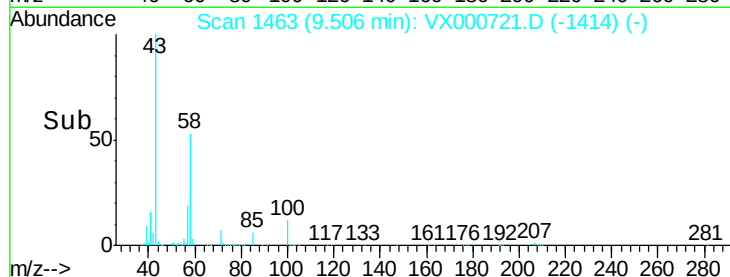
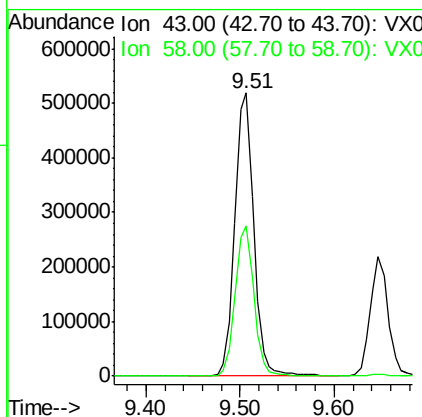
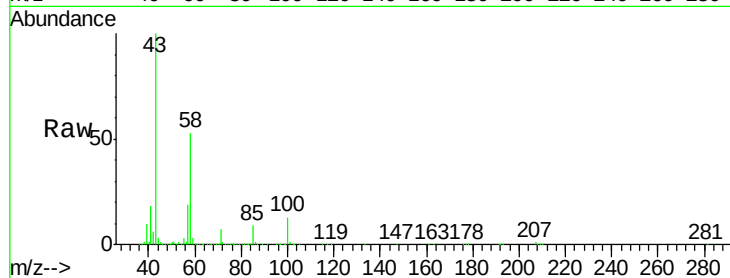
#59
2-Hexanone
Concen: 228.77 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 723759
Ion Ratio Lower Upper
43 100
58 52.7 25.9 77.8

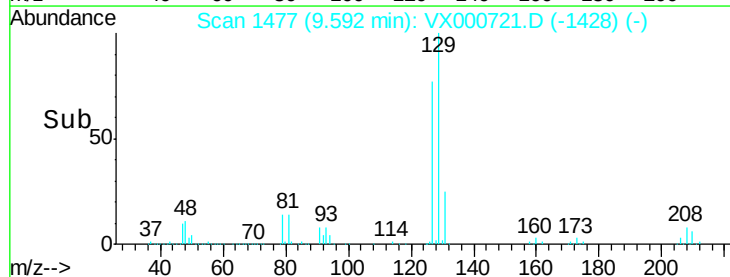
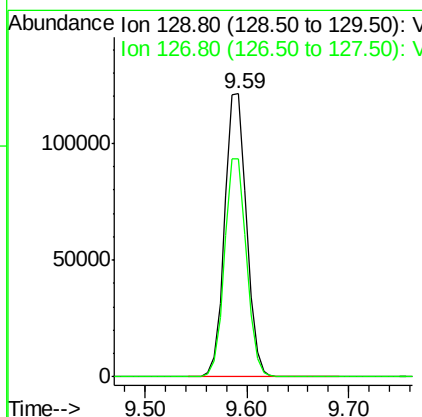
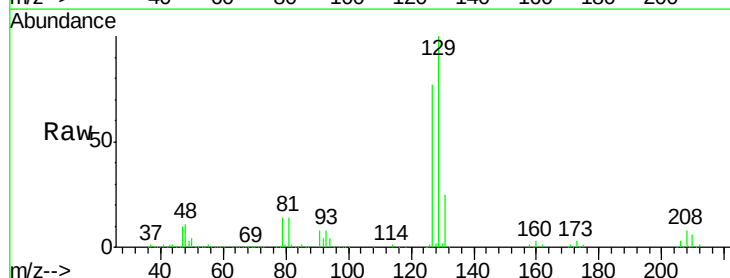
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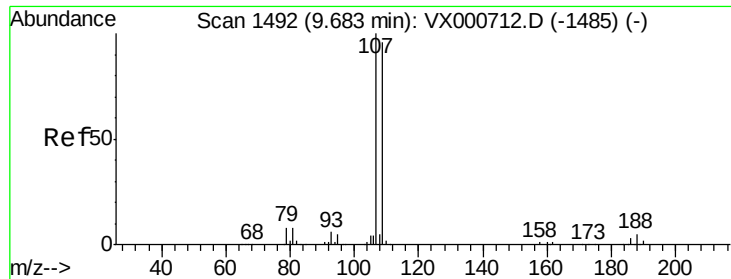
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#60
Dibromochloromethane
Concen: 49.46 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Tgt Ion: 129 Resp: 179125
Ion Ratio Lower Upper
129 100
127 77.4 38.2 114.6





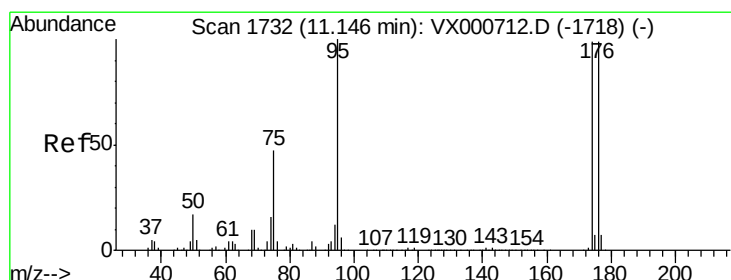
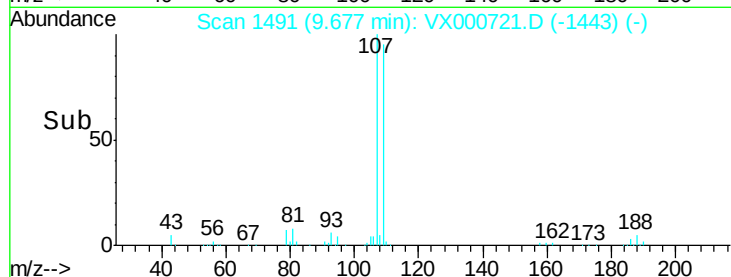
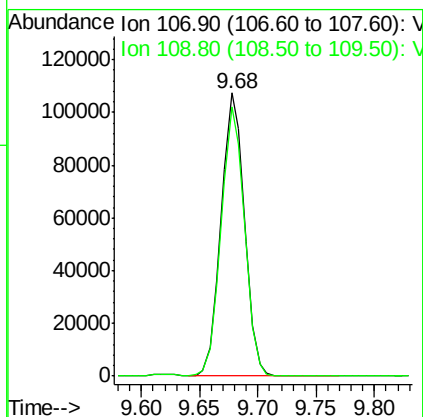
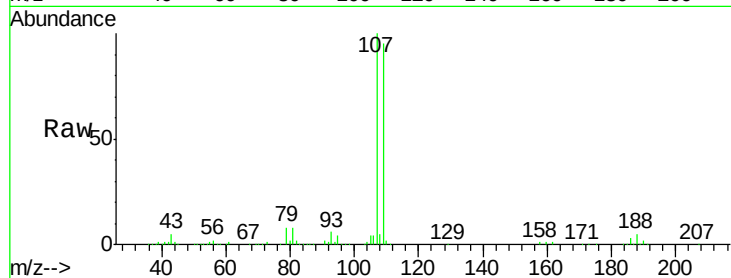
#61
 1,2-Dibromoethane
 Concen: 47.57 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: VX000721.D
 Acq: 08 Apr 2018 10:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 148314
 Ion Ratio Lower Upper
 107 100
 109 95.3 76.6 115.0

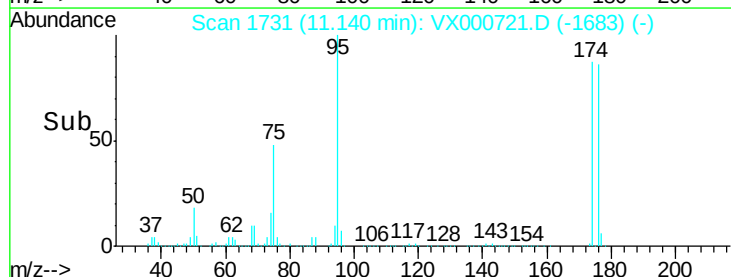
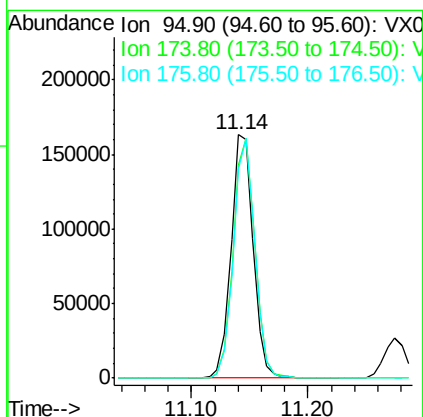
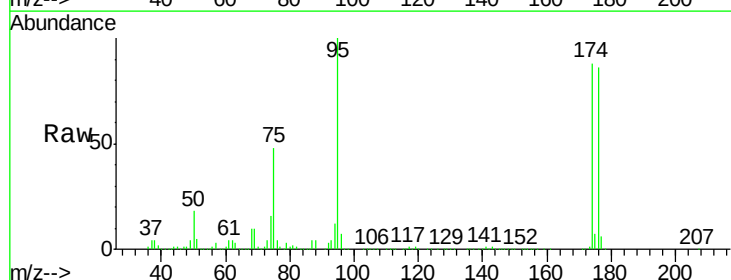
Manual Integrations
 APPROVED

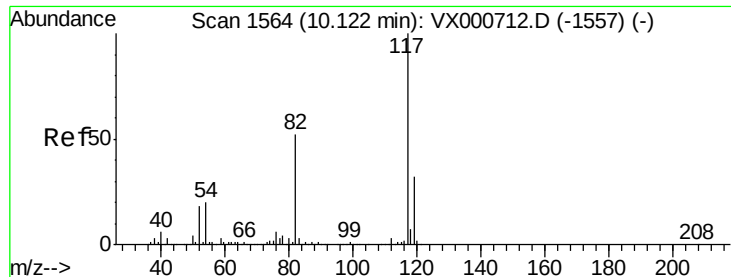
sam
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#62
 4-Bromofluorobenzene
 Concen: 47.86 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: VX000721.D
 Acq: 08 Apr 2018 10:31

Tgt Ion: 95 Resp: 216390
 Ion Ratio Lower Upper
 95 100
 174 96.8 0.0 191.6
 176 95.3 0.0 187.0





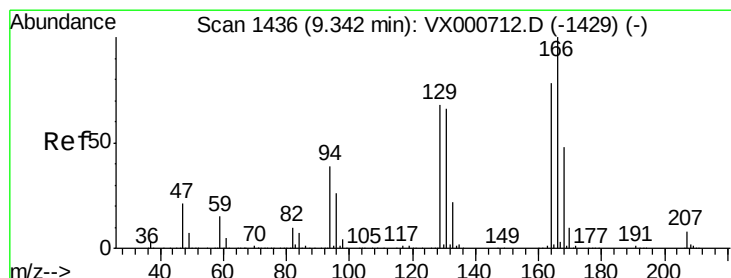
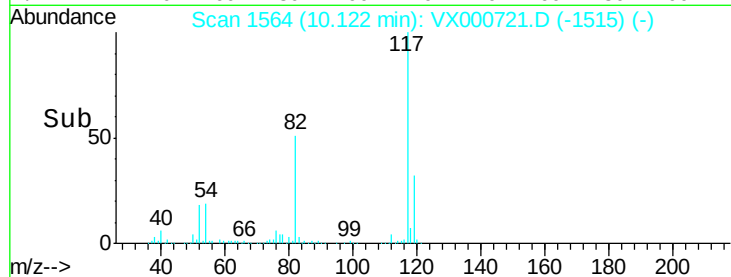
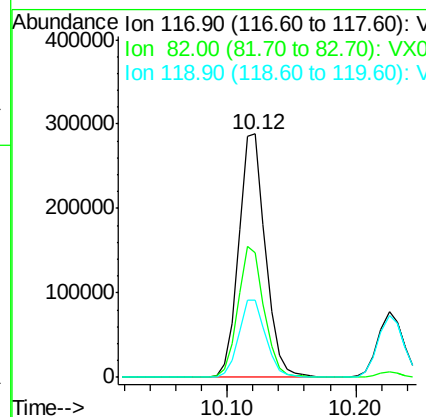
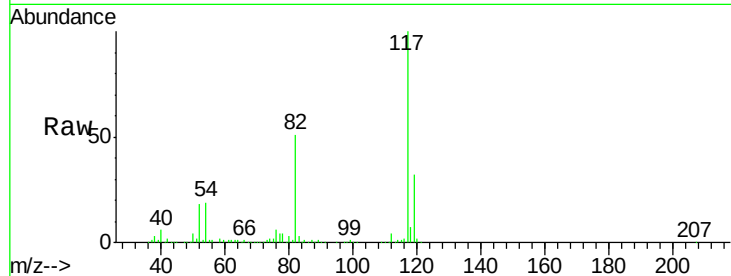
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	117	Resp:	416535
Ion Ratio	Lower	Upper	
117	100		
82	51.3	41.9	62.9
119	31.6	25.8	38.8

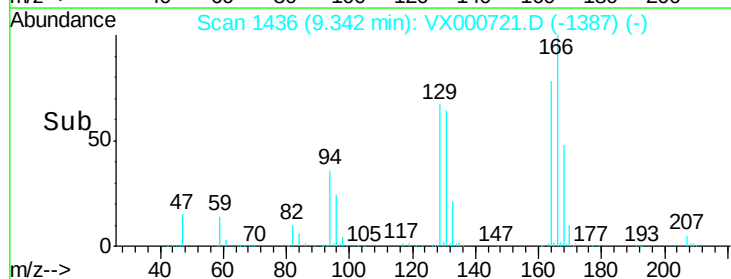
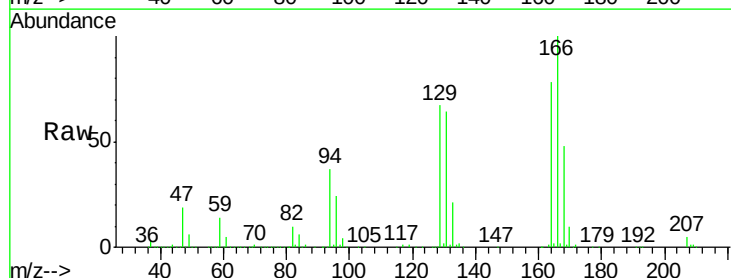
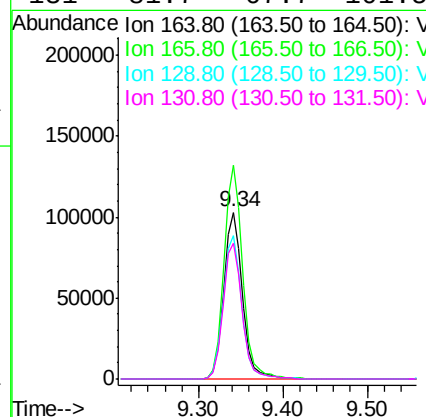
Manual Integrations
APPROVED

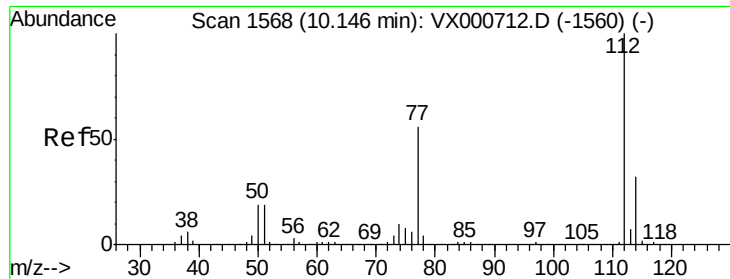
sam
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#64
Tetrachloroethene
Concen: 48.30 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Tgt Ion:	164	Resp:	157739
Ion Ratio	Lower	Upper	
164	100		
166	128.0	102.4	153.6
129	85.8	69.3	103.9
131	81.7	67.7	101.5





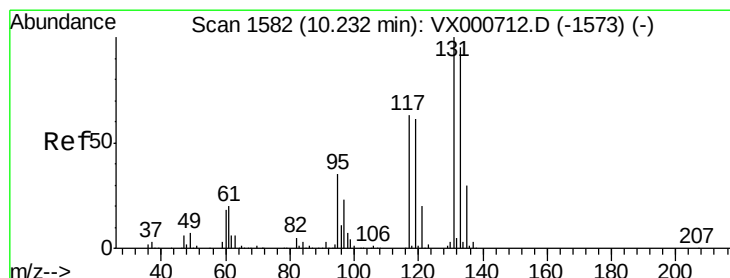
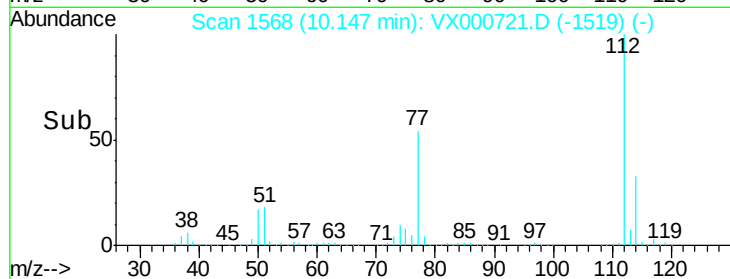
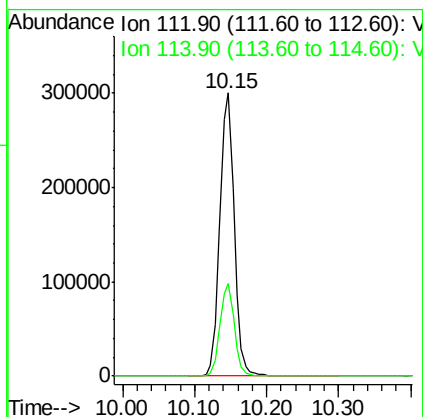
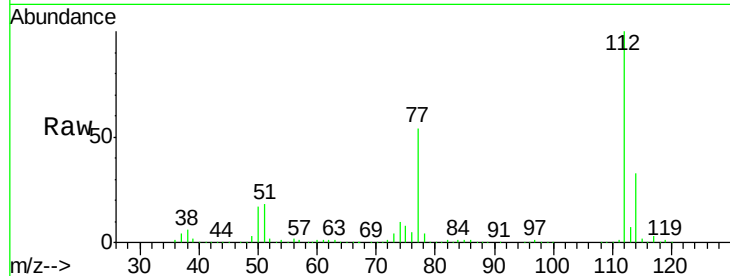
#65
Chlorobenzene
Concen: 48.30 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 414110
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6

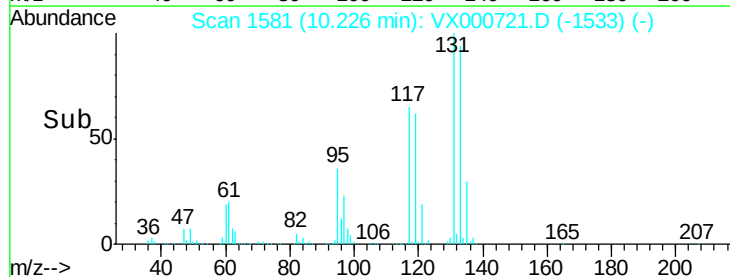
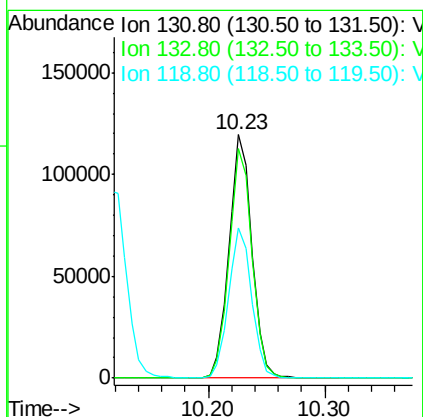
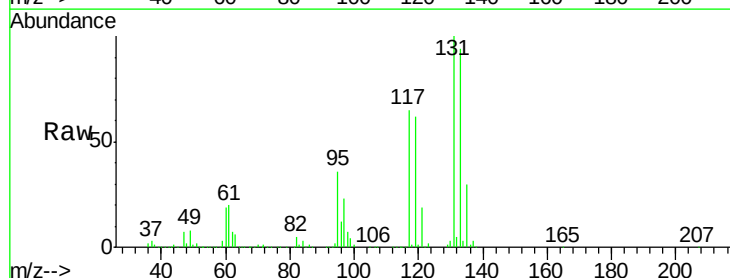
Manual Integrations
APPROVED

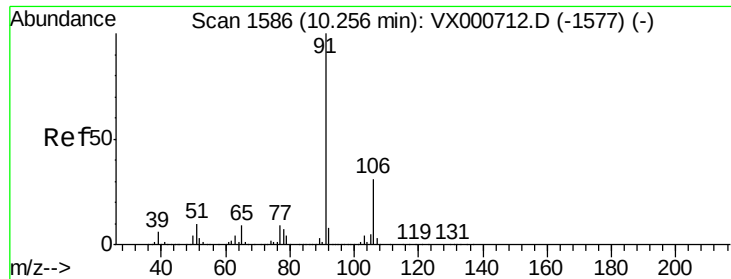
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.70 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Tgt Ion:131 Resp: 163038
Ion Ratio Lower Upper
131 100
133 94.6 48.0 144.2
119 62.6 31.5 94.5





#67

Ethyl Benzene

Concen: 47.70 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 686032

Ion Ratio Lower Upper

91 100

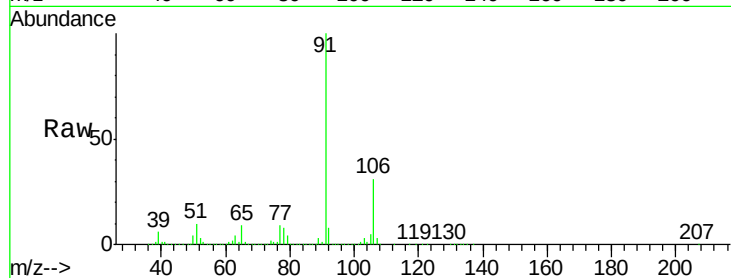
106 31.3 25.1 37.7

Manual Integrations

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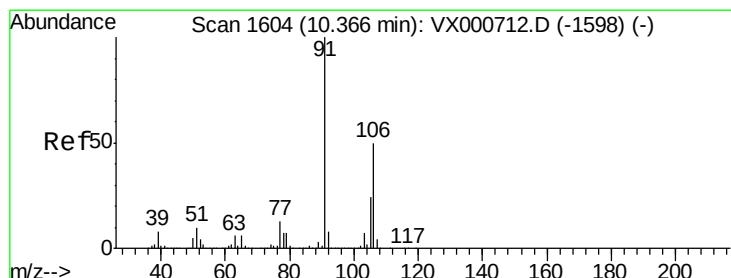
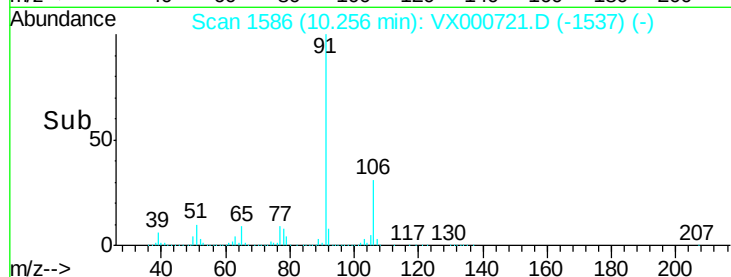
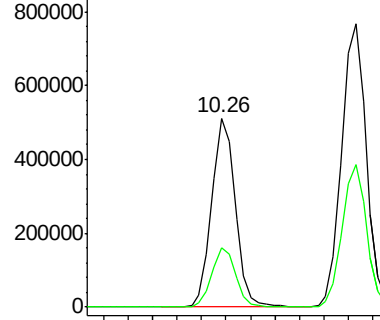
sam

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 95.96 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX000721.D

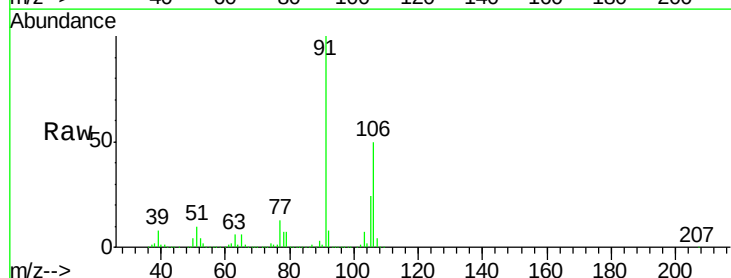
Acq: 08 Apr 2018 10:31

Tgt Ion:106 Resp: 539911

Ion Ratio Lower Upper

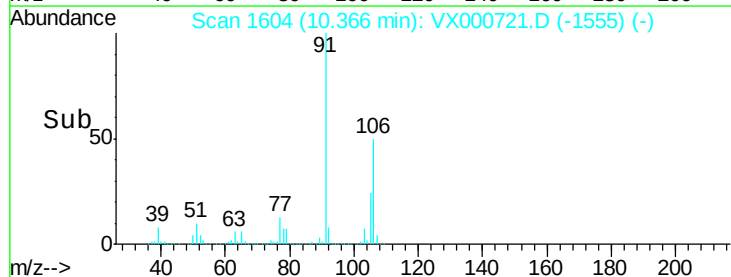
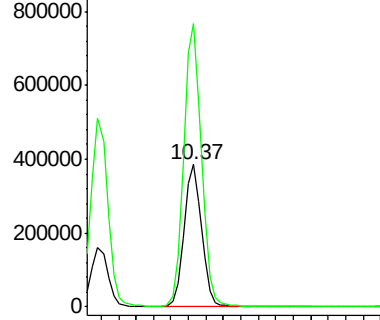
106 100

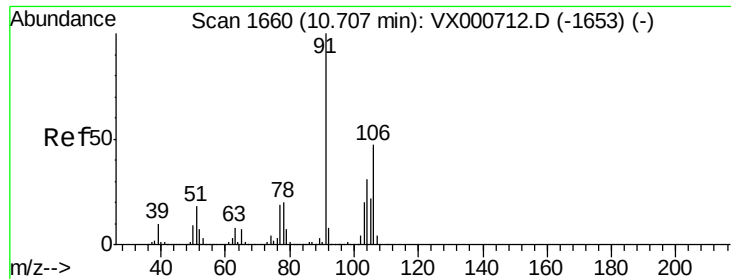
91 200.5 159.7 239.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





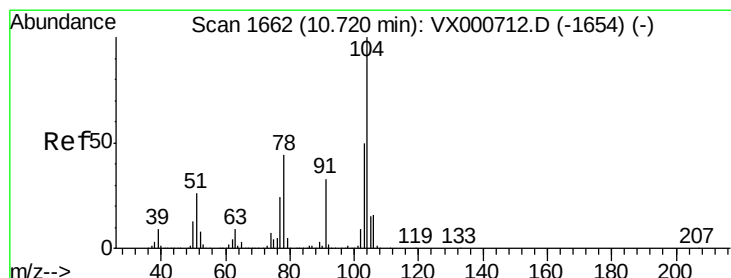
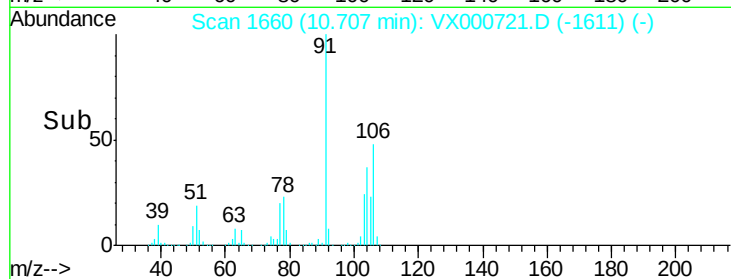
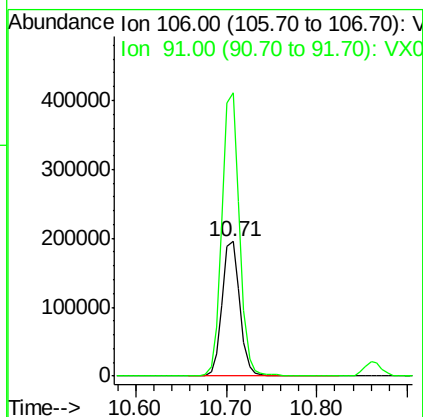
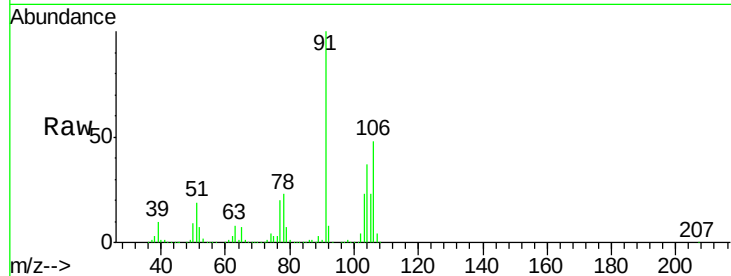
#69
o-Xylene
Concen: 48.11 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.6	106.1	318.3

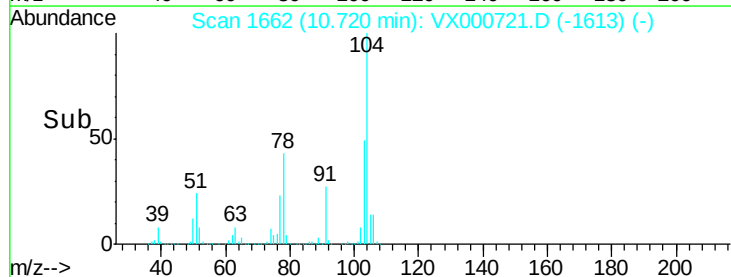
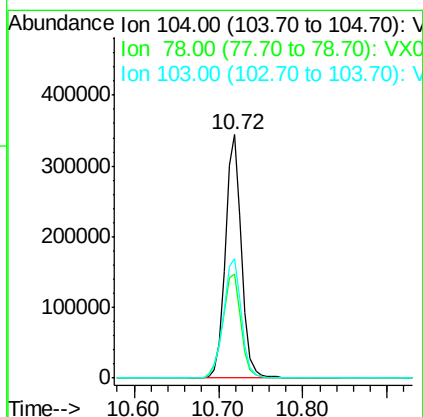
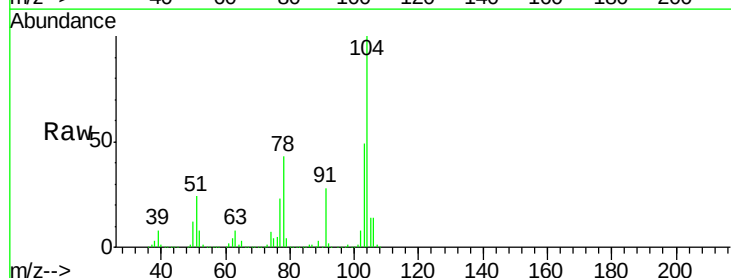
Manual Integrations
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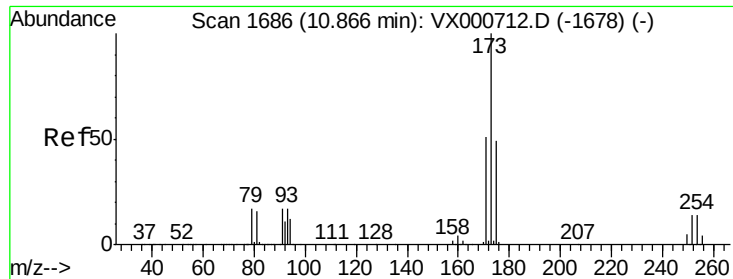
sam
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#70
Styrene
Concen: 48.46 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.2	39.8	59.6
103	54.9	44.1	66.1





#71

Bromoform

Concen: 49.96 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

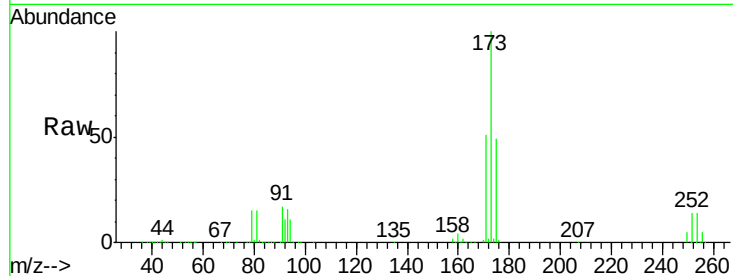
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.2	72.6
254	0.2	0.1	0.1#

Manual Integrations
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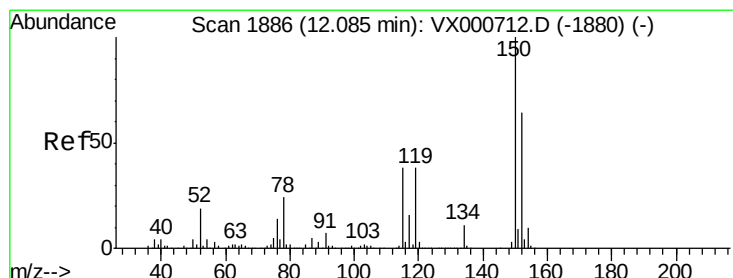
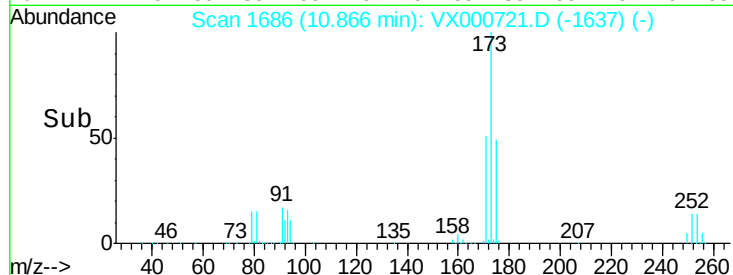
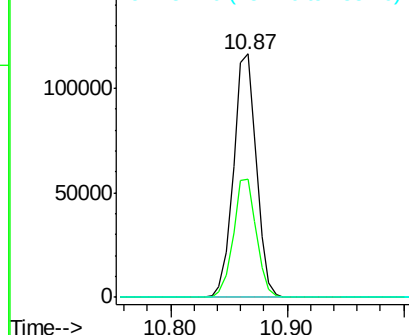


Abundance

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: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

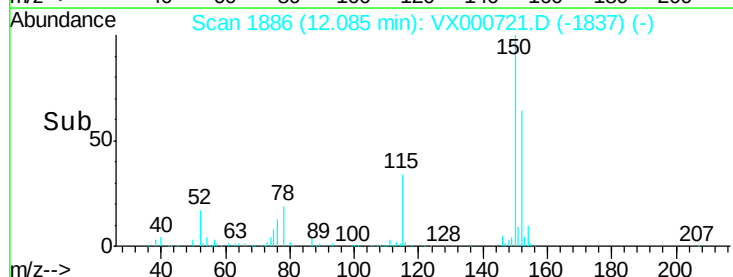
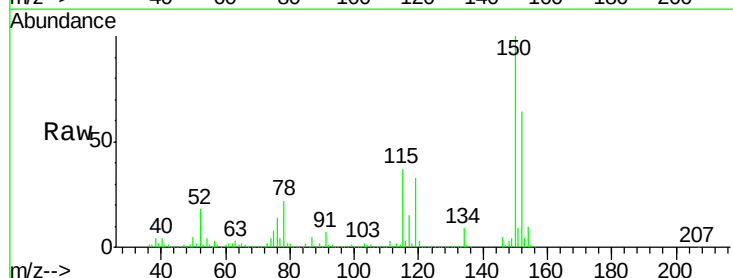
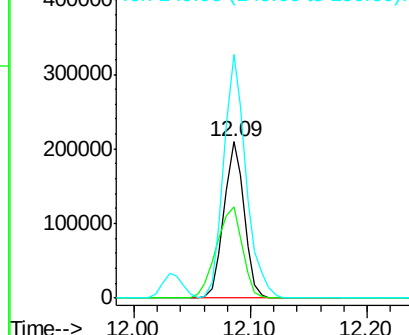
Tgt Ion	Ratio	Lower	Upper
152	100		
115	74.5	37.7	113.1
150	172.3	0.0	345.0

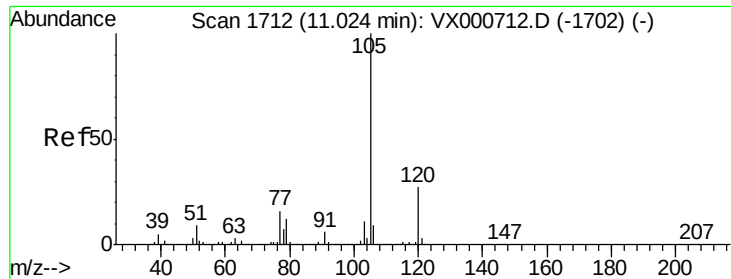
Abundance

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: 48.11 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 722460

Ion Ratio Lower Upper

105 100

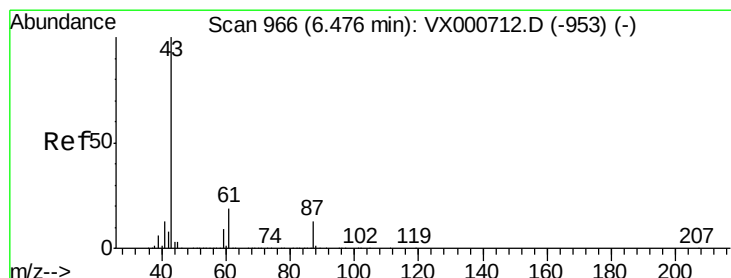
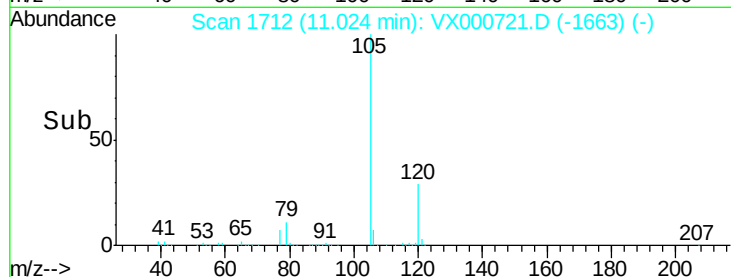
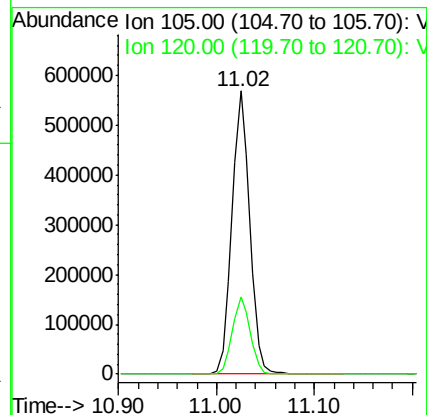
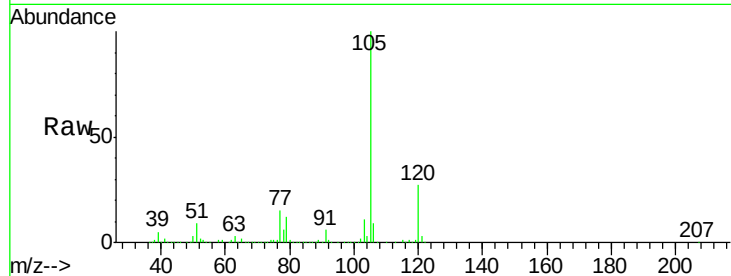
120 27.3 13.7 41.0

Manual Integrations

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#74

N-ethyl acetate

Concen: 44.66 ug/l

RT: 6.47 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Tgt Ion: 43 Resp: 326416

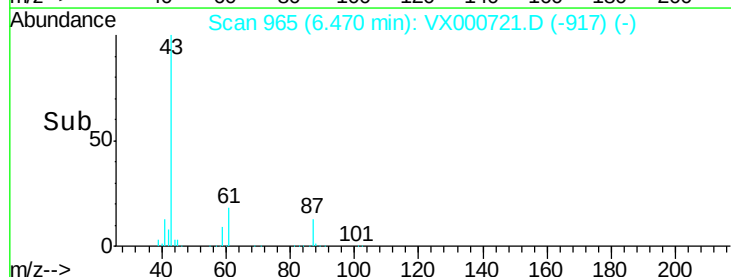
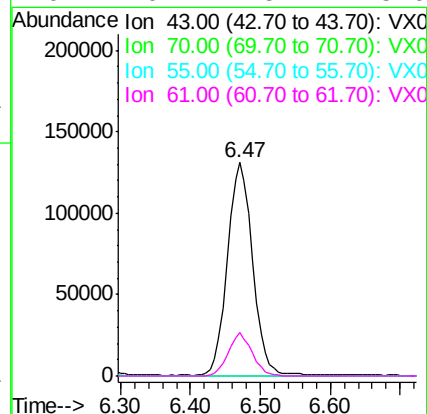
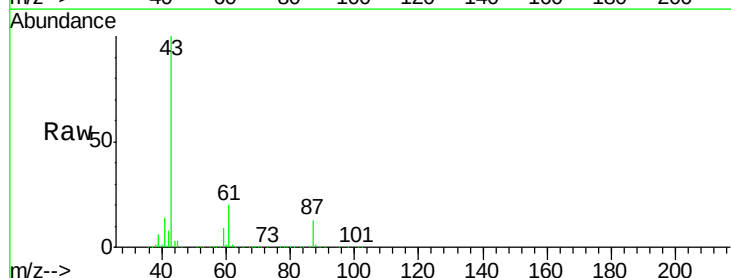
Ion Ratio Lower Upper

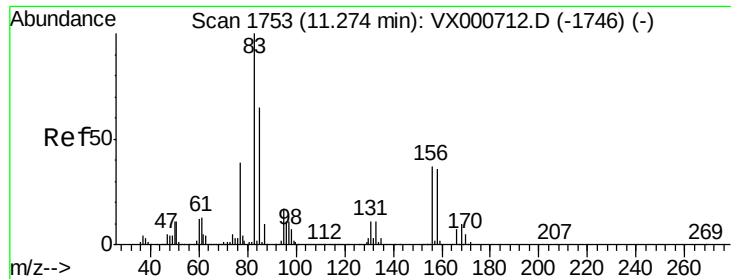
43 100

70 0.1 0.0 0.0#

55 0.0 0.0 0.0#

61 19.4 15.4 23.0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.78 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

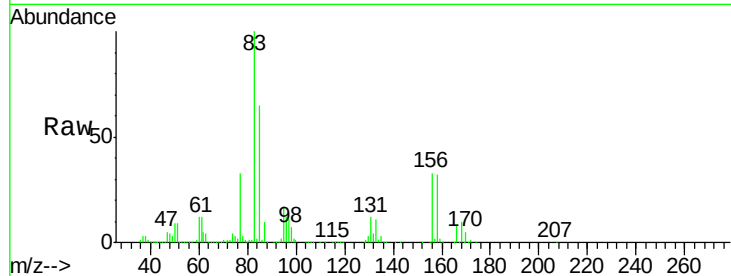
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	208791
Ion Ratio	Lower	Upper	
83	100		
131	12.0	5.9	17.7
85	64.1	32.6	98.0

Manual Integrations
APPROVED

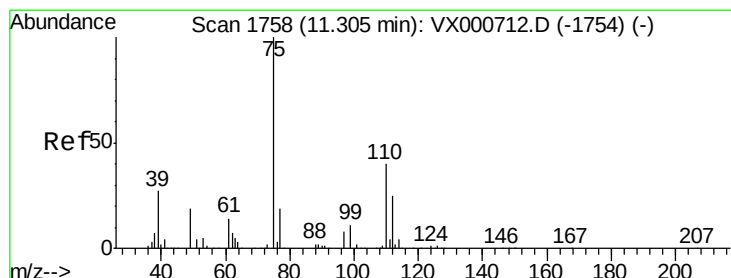
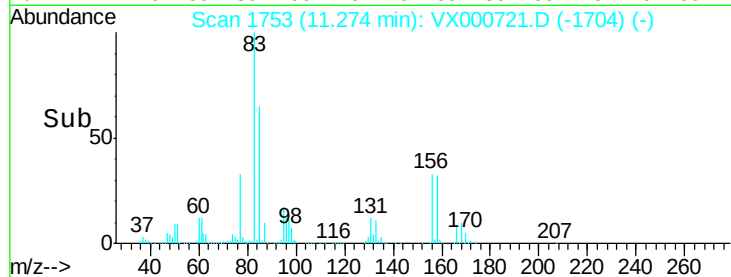
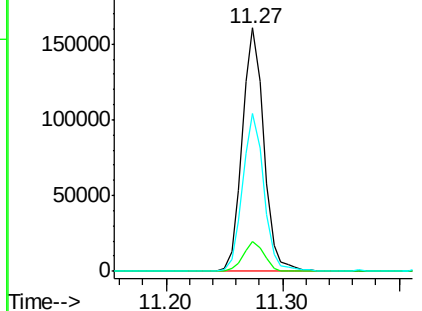
sam
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 47.63 ug/l m

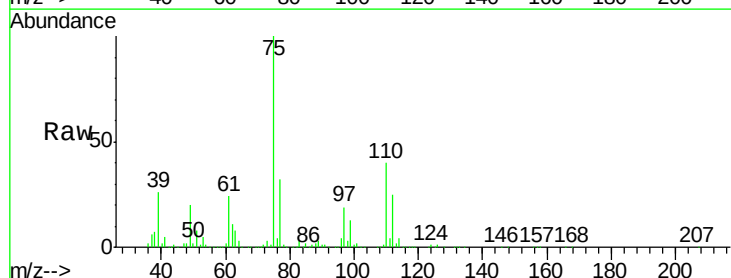
RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000721.D

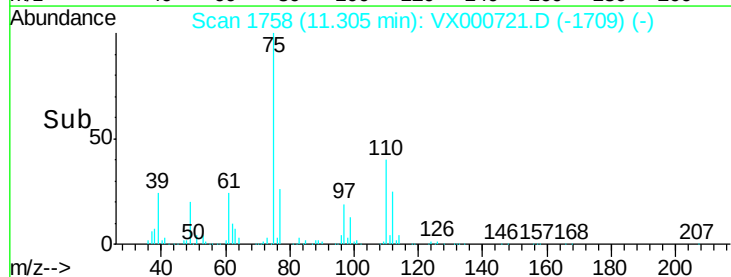
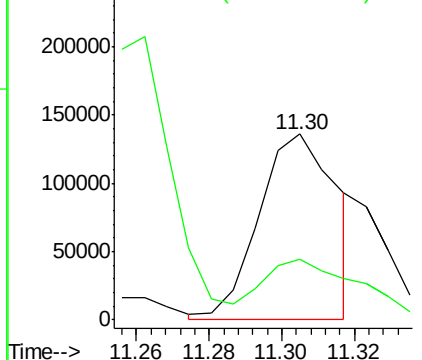
Acq: 08 Apr 2018 10:31

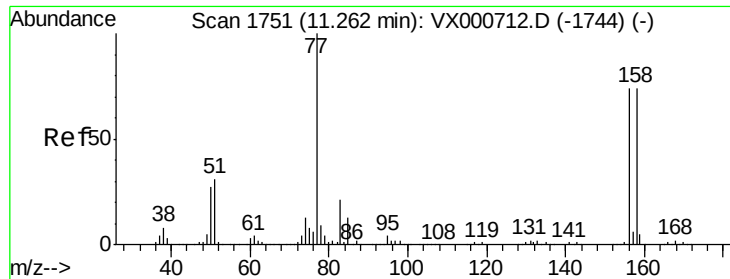
Tgt Ion:	75	Resp:	203552
Ion Ratio	Lower	Upper	
75	100		
77	40.1	21.3	63.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.74 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

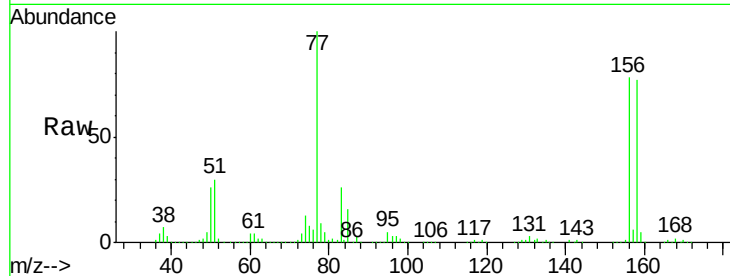
ClientSampled :

VSTDCCC050

Tot Ion:	156	Resp:	207581
Ion Ratio	Lower	Upper	
156	100		
77	133.6	68.3	205.1
158	98.2	49.1	147.3

Manual Integrations
APPROVED

sam
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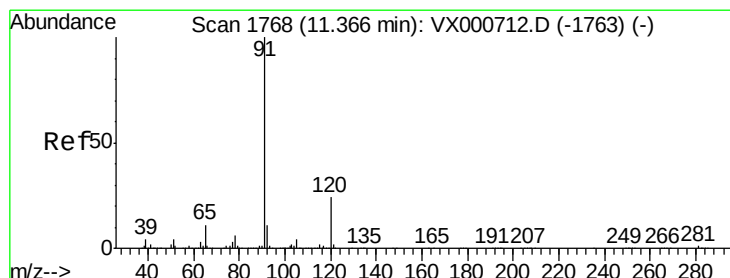
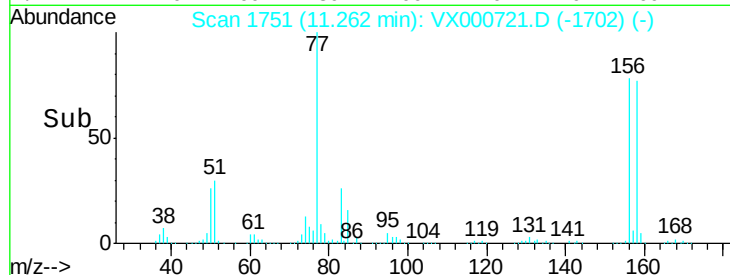
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

11.26

Time-->



#78

n-propylbenzene

Concen: 47.72 ug/l

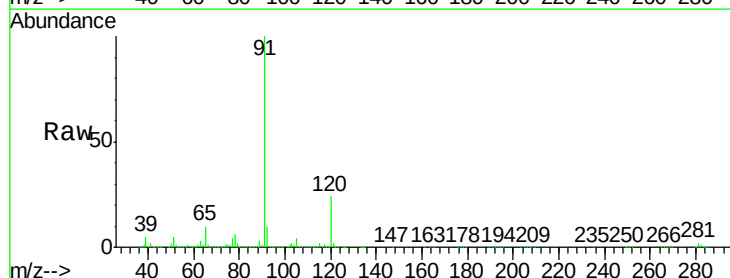
RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Tgt Ion:	91	Resp:	822203
Ion Ratio	Lower	Upper	
91	100		
120	24.9	12.5	37.5

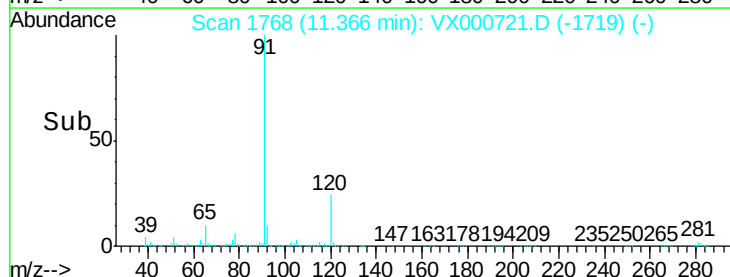


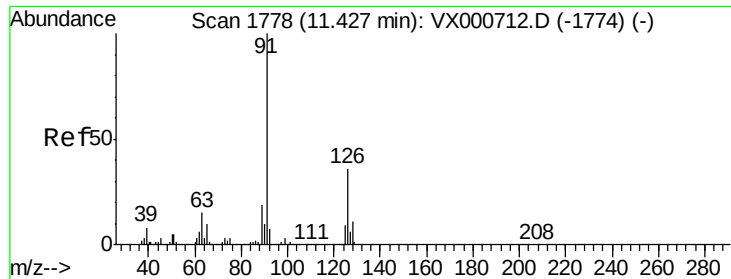
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.37

Time-->





#79

2-Chlorotoluene

Concen: 47.43 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 487393

Ion Ratio Lower Upper

91 100

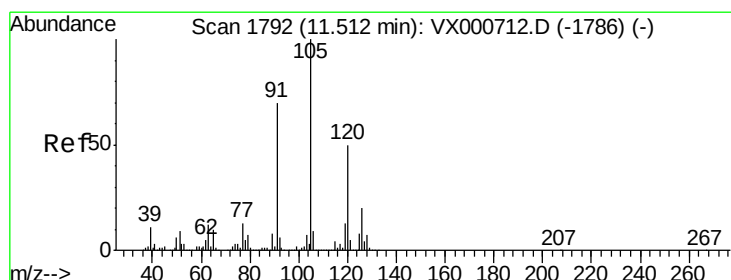
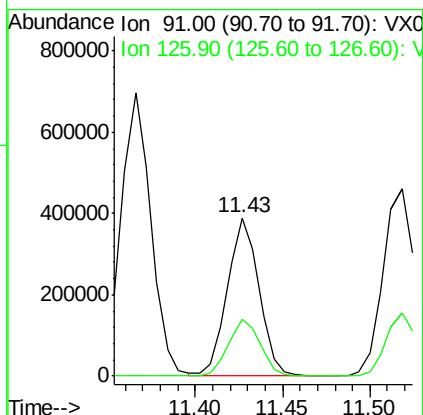
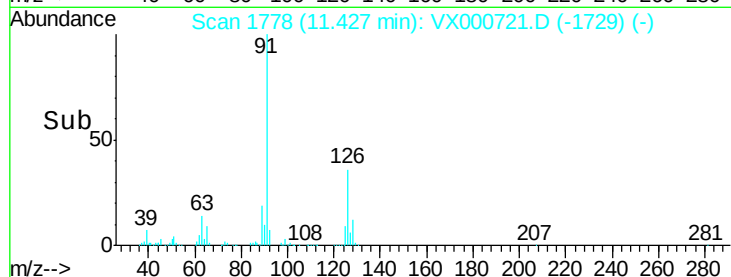
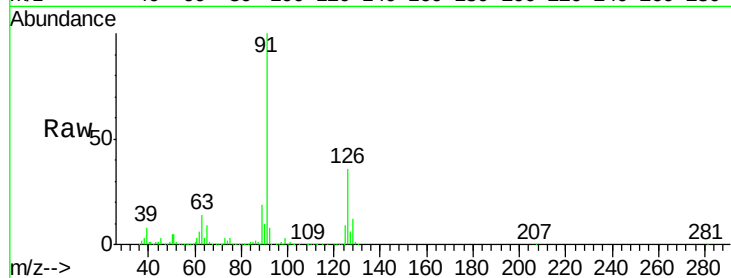
126 36.6 18.3 54.9

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 47.99 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX000721.D

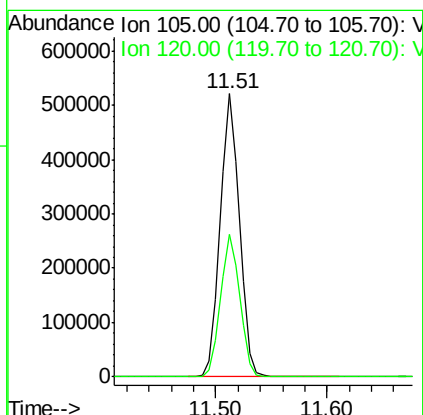
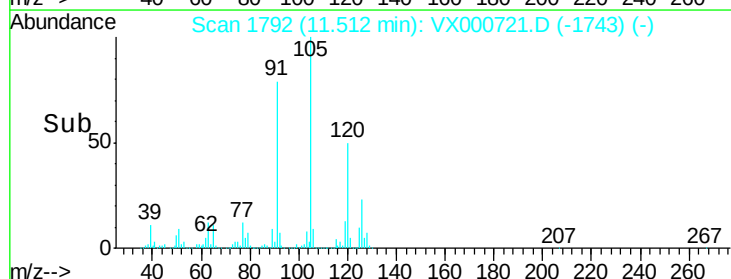
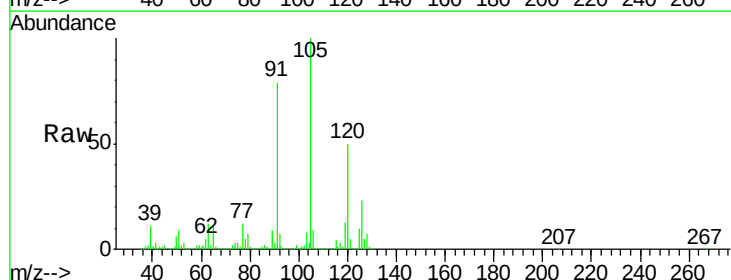
Acq: 08 Apr 2018 10:31

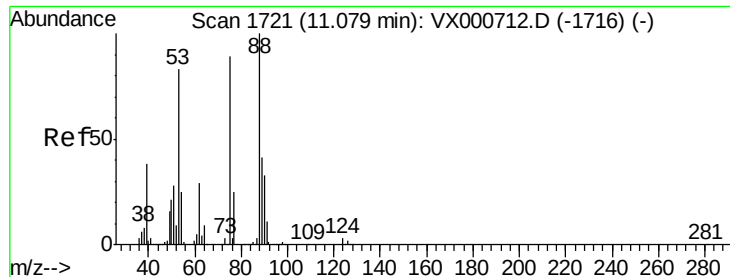
Tgt Ion: 105 Resp: 624180

Ion Ratio Lower Upper

105 100

120 50.4 25.1 75.3





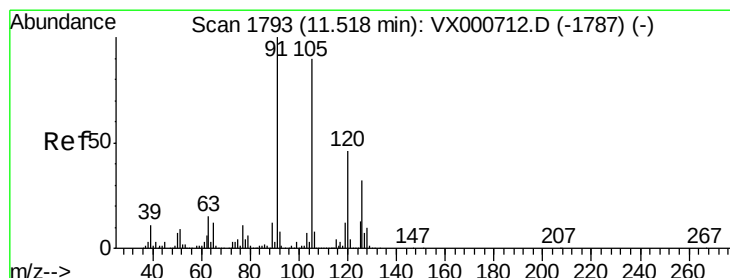
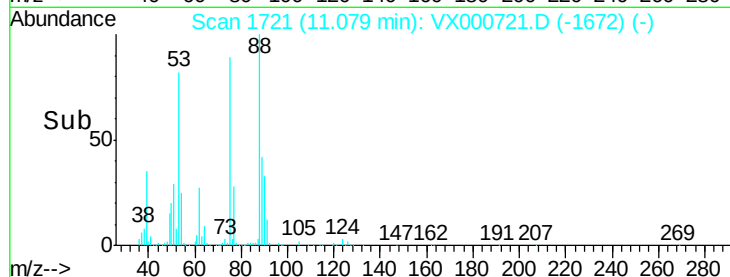
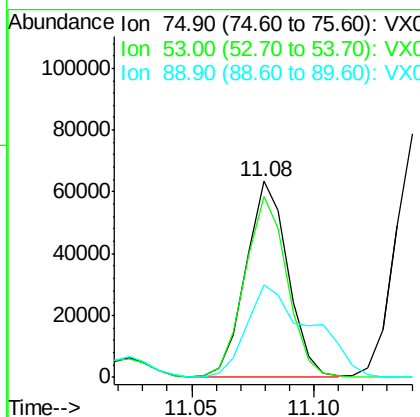
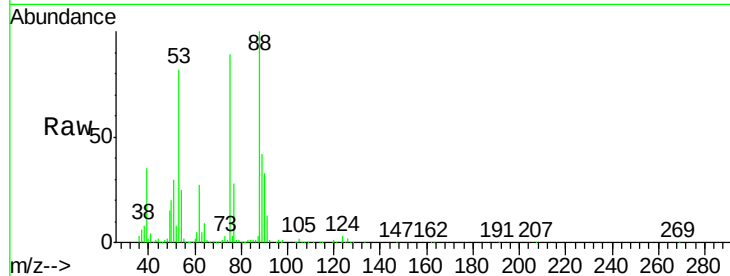
#81
trans-1,4-Dichloro-2-butene
Concen: 45.93 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.3	74.2	111.2
89	72.9	46.6	69.8

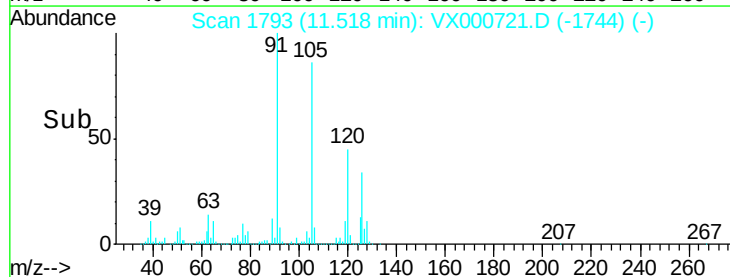
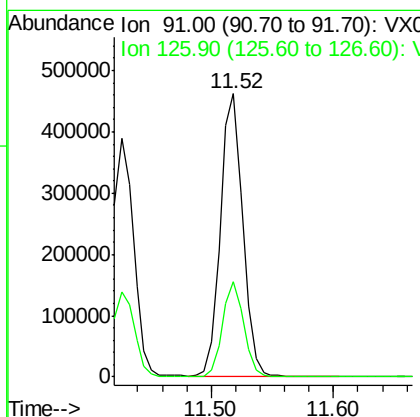
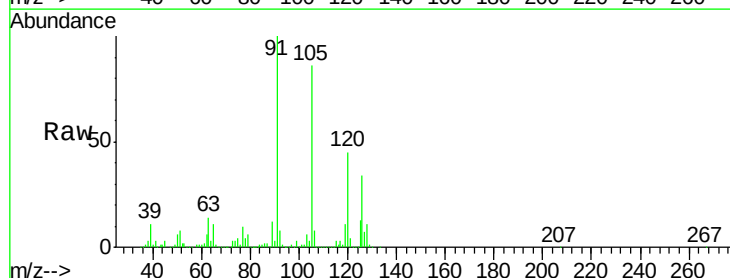
Manual Integrations
APPROVED

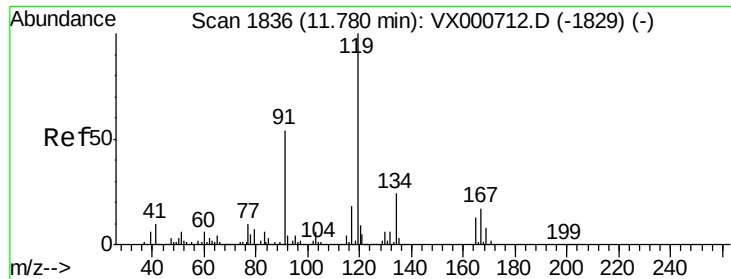
sam
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#82
4-Chlorotoluene
Concen: 47.79 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.9	16.0	48.0





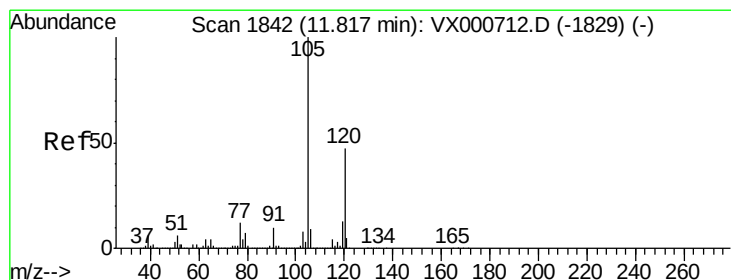
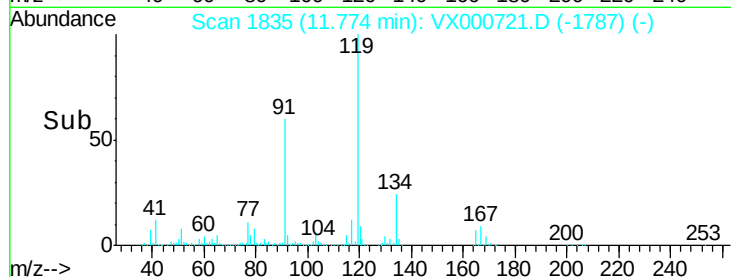
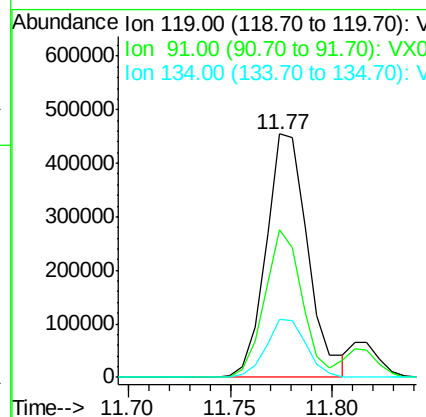
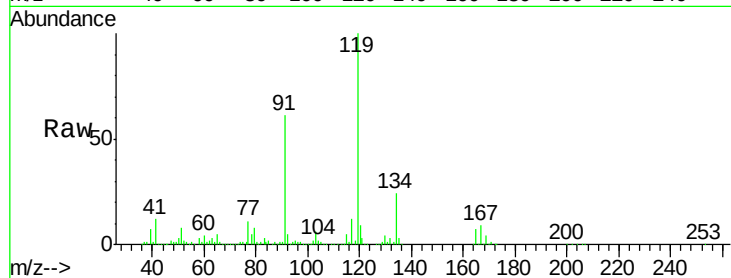
#83
 tert-Butylbenzene
 Concen: 48.48 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: VX000721.D
 Acq: 08 Apr 2018 10:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	54.0	27.3	81.8
134	22.8	11.5	34.4

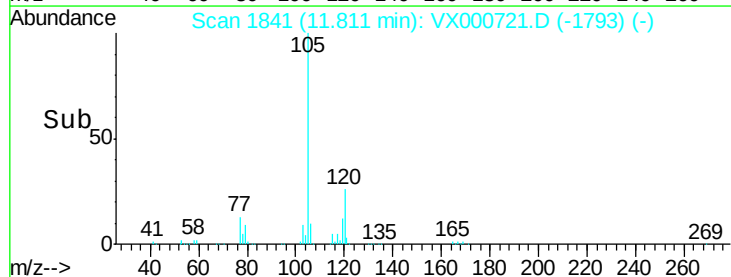
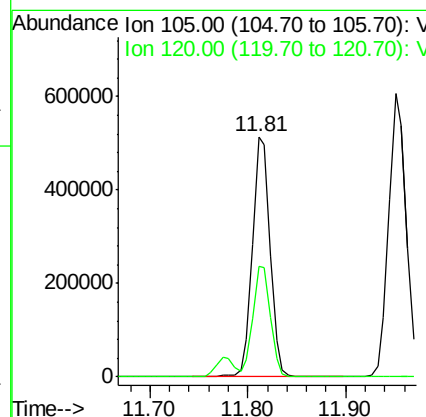
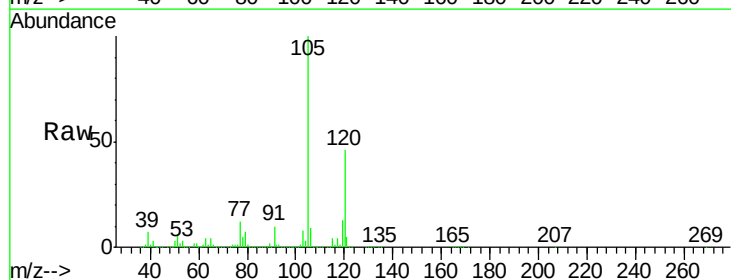
Manual Integrations
 APPROVED

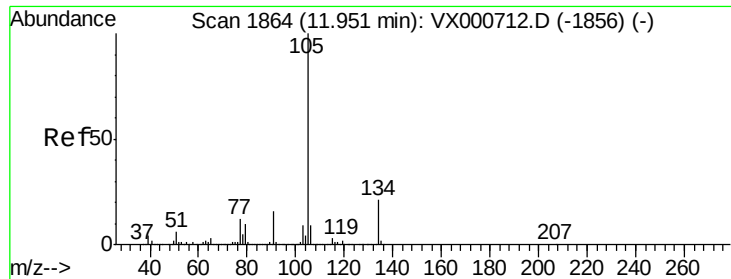
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#84
 1,2,4-Trimethylbenzene
 Concen: 47.87 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: VX000721.D
 Acq: 08 Apr 2018 10:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.9	68.5





#85

sec-Butylbenzene

Concen: 48.30 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 753597

Ion Ratio Lower Upper

105 100

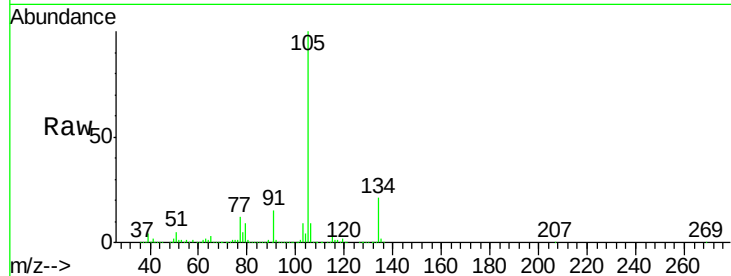
134 21.6 10.7 32.1

Manual Integrations

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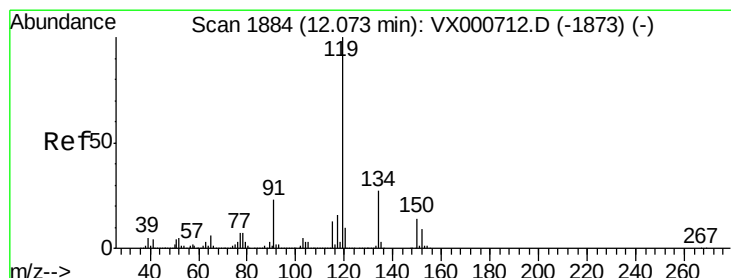
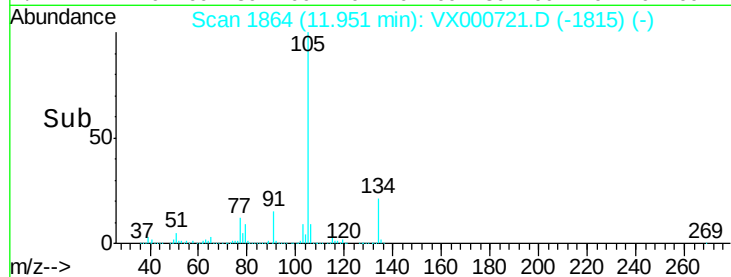
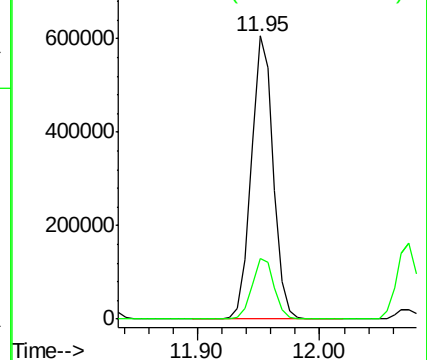
sam

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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: 48.63 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

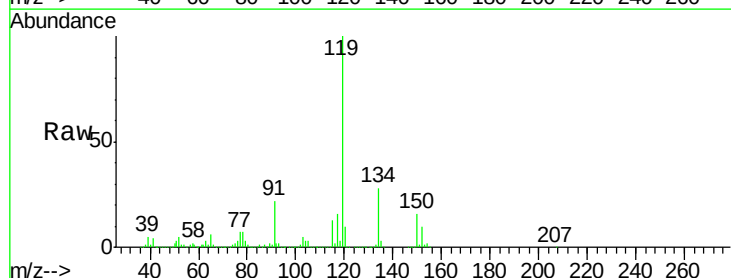
Tgt Ion:119 Resp: 709407

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.2

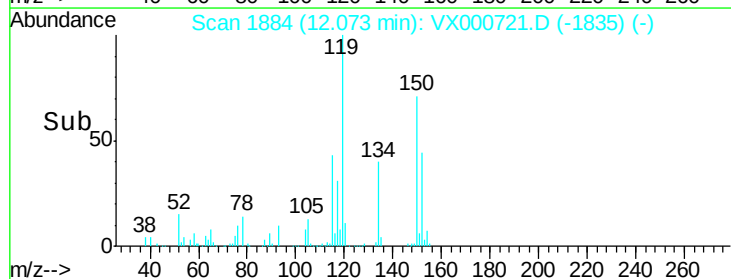
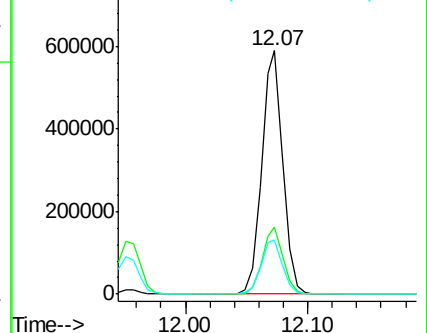
91 22.5 11.5 34.4

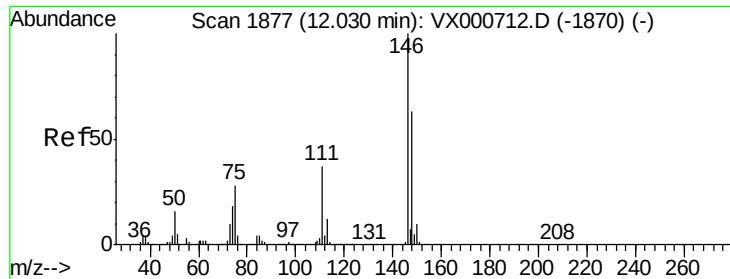


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





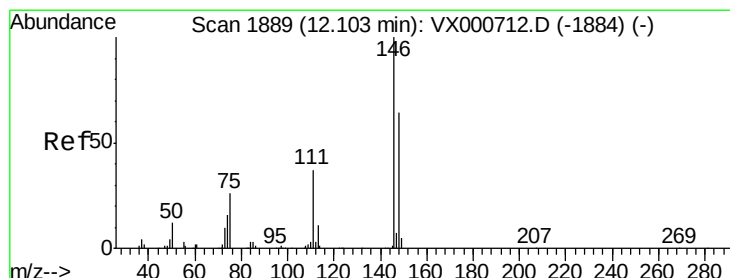
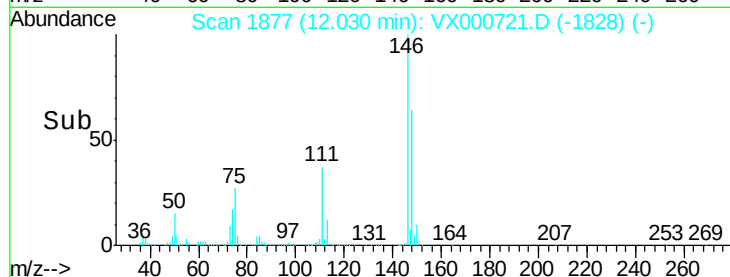
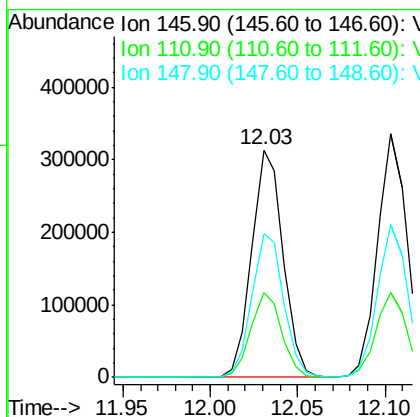
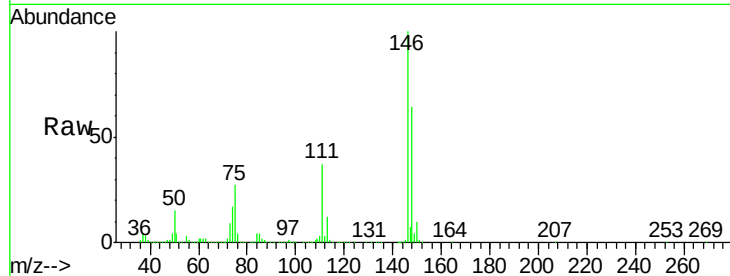
#87
 1,3-Dichlorobenzene
 Concen: 48.99 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX000721.D
 Acq: 08 Apr 2018 10:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.6	55.8
148	64.3	32.0	96.2

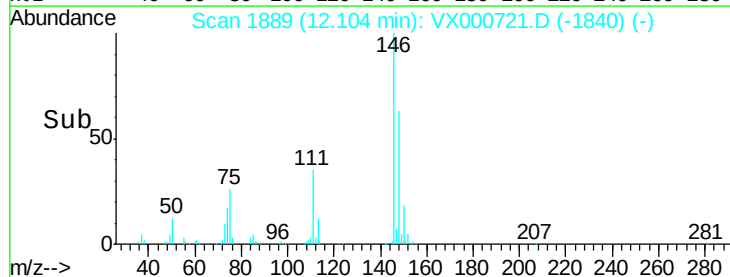
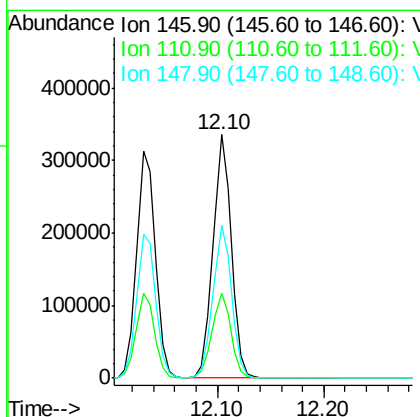
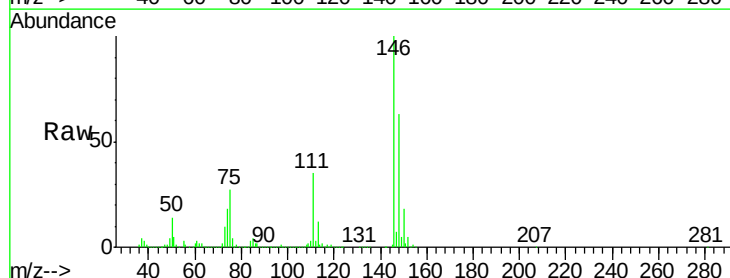
Manual Integrations
 APPROVED

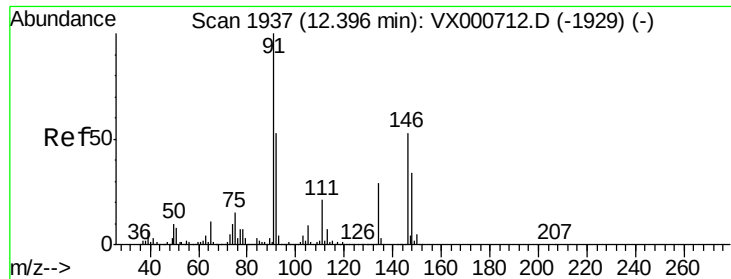
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#88
 1,4-Dichlorobenzene
 Concen: 48.63 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX000721.D
 Acq: 08 Apr 2018 10:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.2	54.6
148	63.9	32.1	96.5





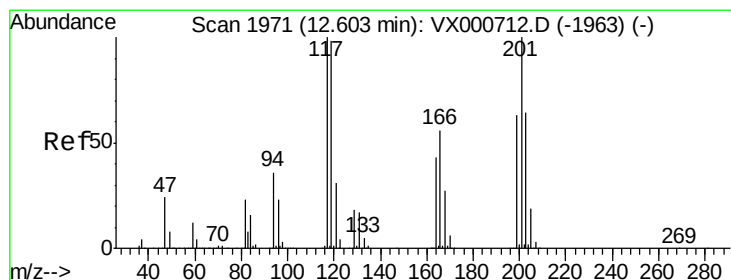
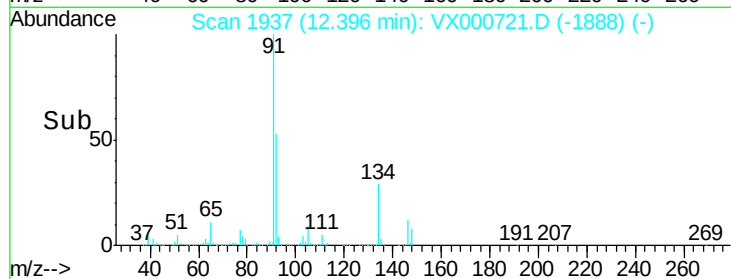
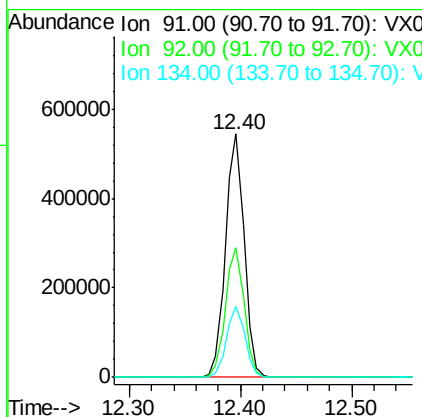
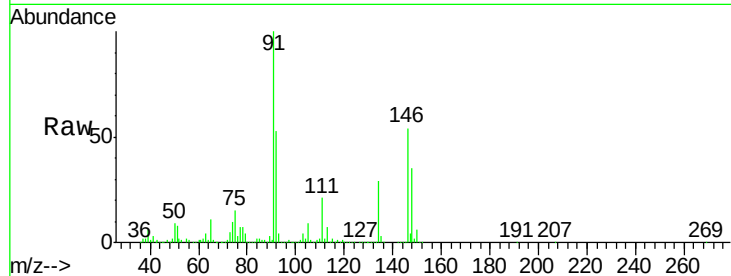
#89
n-Butylbenzene
Concen: 48.37 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.7	80.0
134	29.1	14.4	43.0

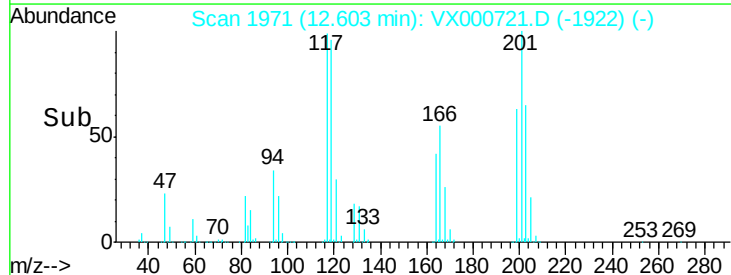
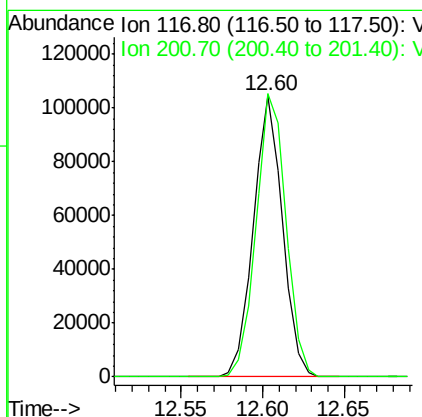
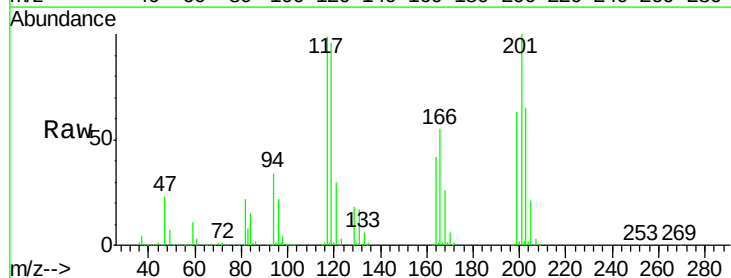
Manual Integrations
APPROVED

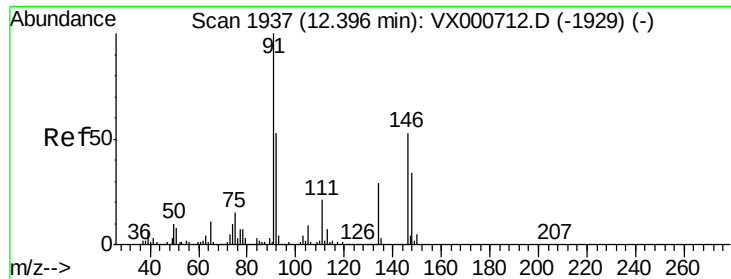
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#90
Hexachloroethane
Concen: 48.75 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000721.D
Acq: 08 Apr 2018 10:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	103.8	51.2	153.6





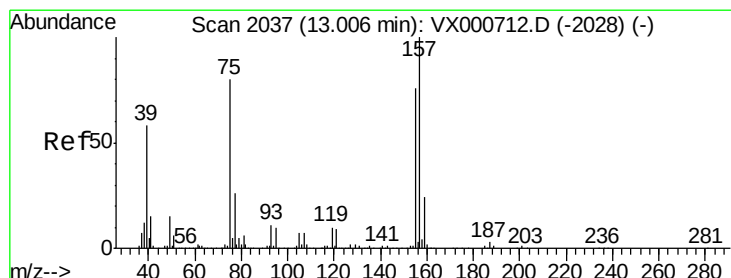
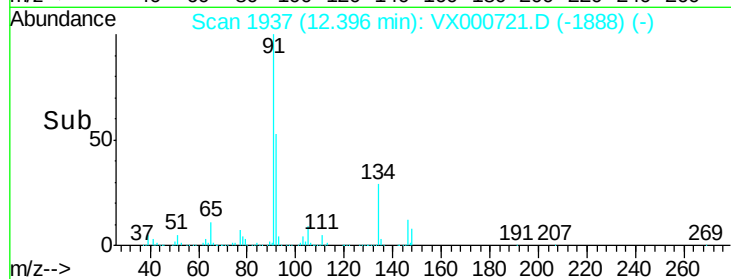
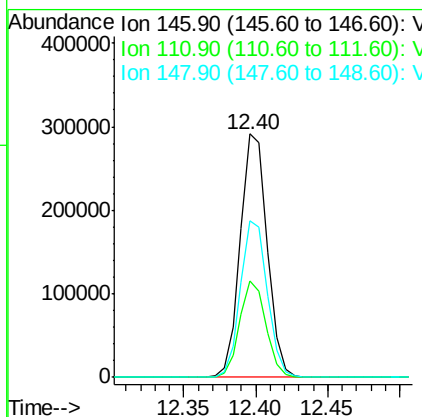
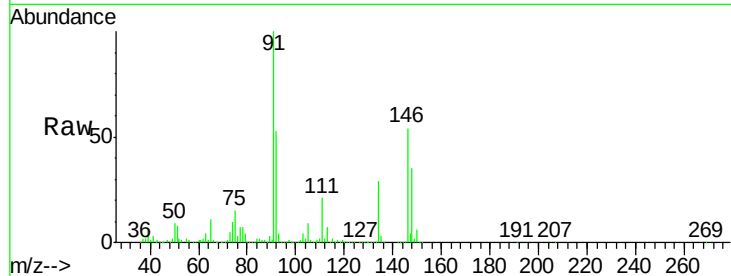
#91
 1,2-Dichlorobenzene
 Concen: 48.61 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX000721.D
 Acq: 08 Apr 2018 10:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	378576		
111	38.7	19.3	57.9	
148	64.5	31.9	95.7	

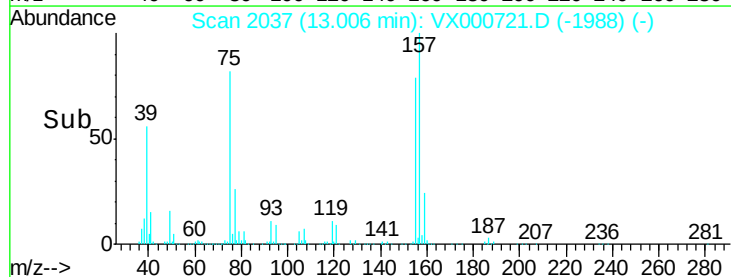
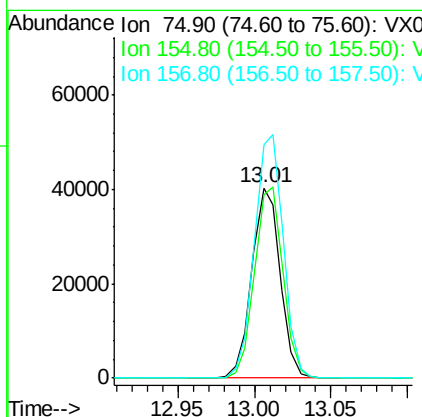
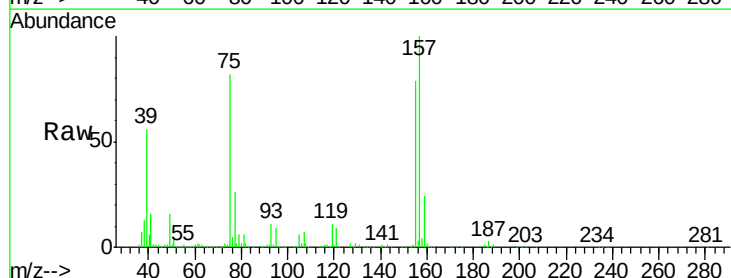
Manual Integrations
 APPROVED

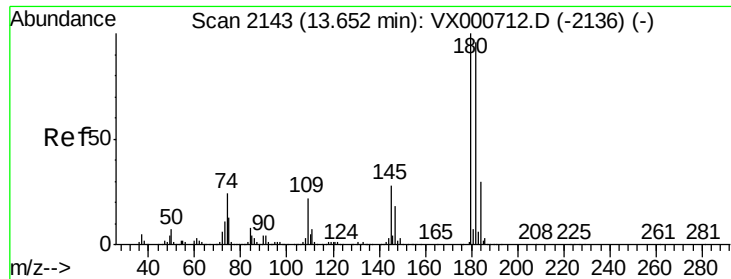
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.15 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX000721.D
 Acq: 08 Apr 2018 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	51796		
155	101.3	48.4	145.0	
157	130.8	62.8	188.5	





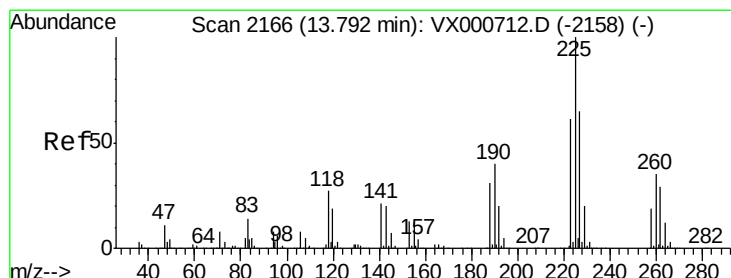
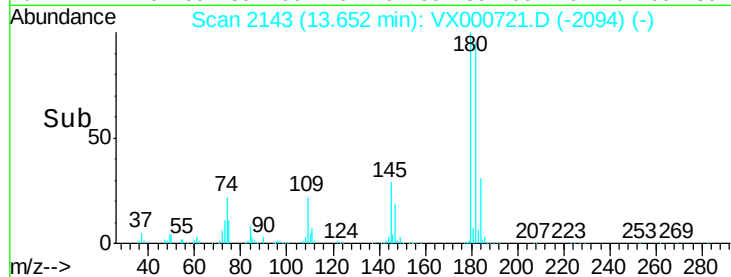
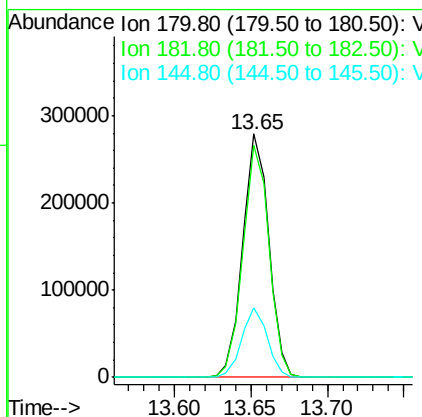
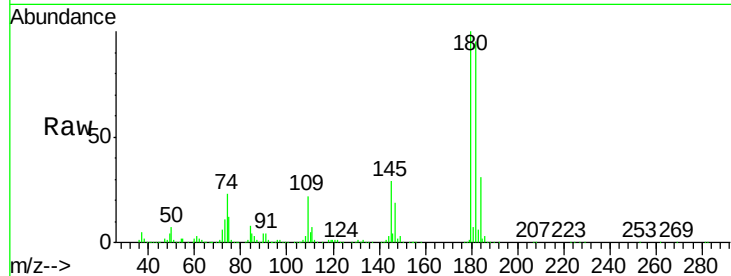
#93
 1,2,4-Trichlorobenzene
 Concen: 49.72 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000721.D
 Acq: 08 Apr 2018 10:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	329564		
182	95.5	47.9	143.7	
145	28.0	14.1	42.3	

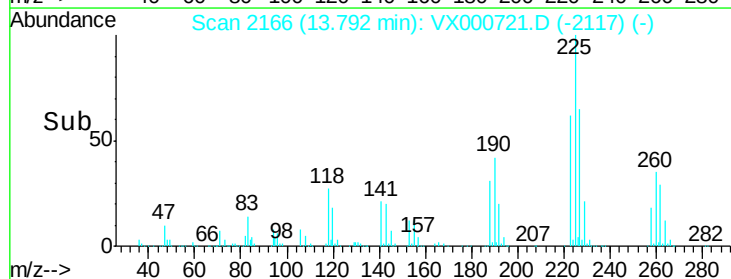
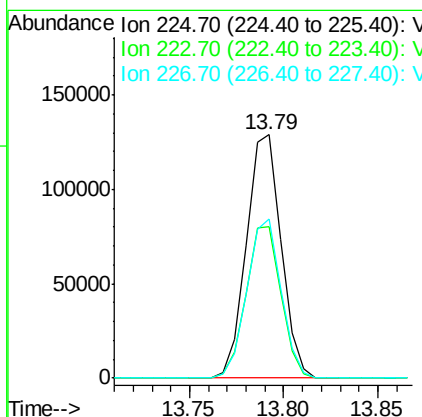
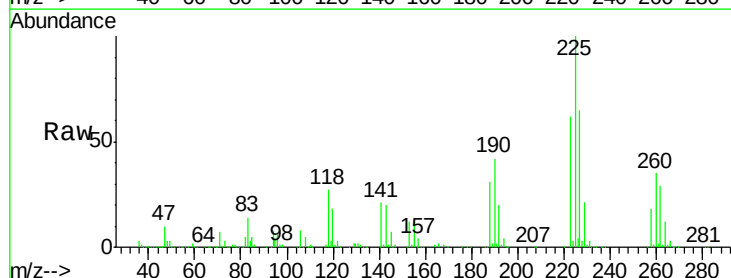
Manual Integrations
 APPROVED

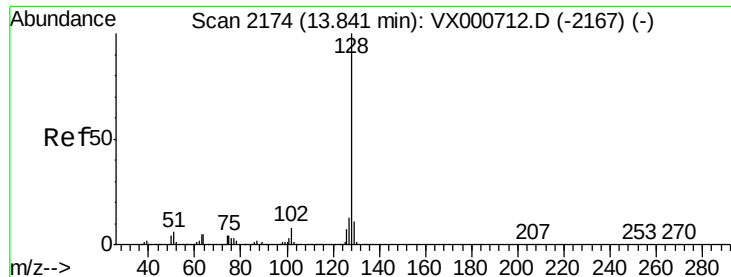
sam
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#94
 Hexachlorobutadiene
 Concen: 50.58 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000721.D
 Acq: 08 Apr 2018 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	165060		
223	62.7	30.9	92.8	
227	64.1	31.9	95.7	





#95

Naphthalene

Concen: 48.18 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Instrument :

MSVOA_X

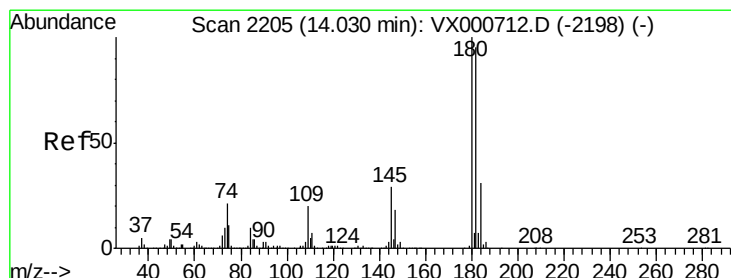
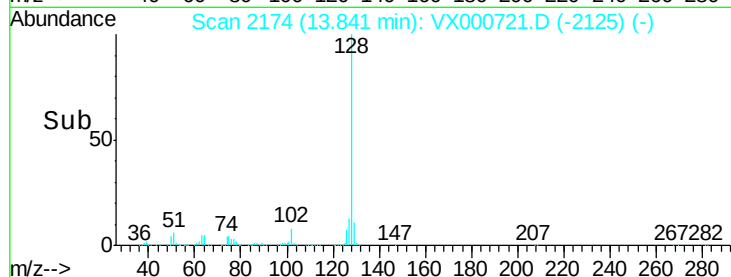
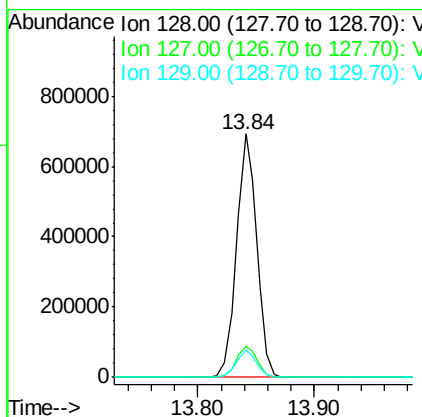
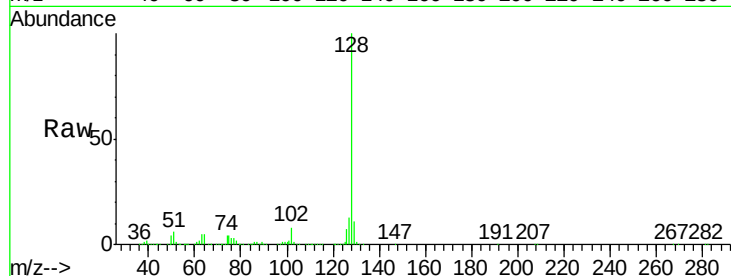
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	836157
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	11.0	8.8	13.2

Manual Integrations
APPROVED

sam
4/9/2018 2:03:08 PM



#96

1,2,3-Trichlorobenzene

Concen: 49.85 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000721.D

Acq: 08 Apr 2018 10:31

Tgt Ion:	180	Resp:	318744
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.8	143.3
145	29.5	14.9	44.9

