

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032318\
 Data File : VX000422.D
 Acq On : 23 Mar 2018 11:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 3/26/2018 2:36:14 PM

Quant Time: Mar 24 06:03:27 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	142443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	229989	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	228258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	146621	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	93201	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.24%		
35) Dibromofluoromethane	5.51	113	73983	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.10%		
50) Toluene-d8	8.72	98	301001	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.30%		
62) 4-Bromofluorobenzene	11.15	95	118261	47.04	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.08%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	78778	50.18	ug/l	96
3) Chloromethane	1.32	50	67562	40.85	ug/l	97
4) Vinyl Chloride	1.41	62	90091	51.55	ug/l	100
5) Bromomethane	1.64	94	103222	49.34	ug/l	98
6) Chloroethane	1.72	64	57103	54.52	ug/l	95
7) Trichlorofluoromethane	1.93	101	151012	47.88	ug/l	96
8) Diethyl Ether	2.19	74	52919	46.95	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.39	101	87628	49.82	ug/l	98
10) Methyl Iodide	2.51	142	55633	33.47	ug/l	98
11) Tert butyl alcohol	3.07	59	161567	252.61	ug/l	99
12) 1,1-Dichloroethene	2.38	96	73450	47.57	ug/l	97
13) Acrolein	2.29	56	55115	268.73	ug/l	99
14) Allyl chloride	2.73	41	136029	49.88	ug/l	98
15) Acrylonitrile	3.15	53	318113	245.57	ug/l	99
16) Acetone	2.45	43	411856	266.27	ug/l	98
17) Carbon Disulfide	2.57	76	193838	47.20	ug/l	99
18) Methyl Acetate	2.78	43	166227	51.26	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	279188	48.89	ug/l	99
20) Methylene Chloride	2.86	84	82801	46.35	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	80801	46.91	ug/l	97
22) Diisopropyl ether	3.87	45	270072	55.96	ug/l	95
23) Vinyl Acetate	3.83	43	1300322	284.19	ug/l	99
24) 1,1-Dichloroethane	3.70	63	150815	49.70	ug/l	99
25) 2-Butanone	4.71	43	439812	252.97	ug/l	100
26) 2,2-Dichloropropane	4.59	77	107705	50.64	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	77028	47.85	ug/l	100
28) Bromochloromethane	5.03	49	63302	50.59	ug/l	99
29) Tetrahydrofuran	5.17	42	269656	252.09	ug/l	99
30) Chloroform	5.23	83	144760	50.90	ug/l	95
31) Cyclohexane	5.58	56	115879	49.40	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	128350	50.03	ug/l	98
36) 1,1-Dichloropropene	5.81	75	105277	48.87	ug/l	98
37) Ethyl Acetate	4.87	43	145204	49.34	ug/l	99
38) Carbon Tetrachloride	5.79	117	112919	49.96	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	135990	51.90	ug/l	95
40) Benzene	6.15	78	317784	50.79	ug/l	99
41) Methacrylonitrile	5.07	41	74891	48.27	ug/l	99
42) 1,2-Dichloroethane	6.21	62	126263	51.44	ug/l	99
43) Isopropyl Acetate	6.47	43	234068	53.44	ug/l	99
44) Trichloroethene	7.22	130	91806	51.22	ug/l	96
45) 1,2-Dichloropropane	7.53	63	84920	53.03	ug/l	96
46) Dibromomethane	7.67	93	64225	51.09	ug/l	97
47) Bromodichloromethane	7.91	83	120971	54.70	ug/l	99
48) Methyl methacrylate	7.79	41	114037	53.62	ug/l	99
49) 1,4-Dioxane	7.76	88	47145	1054.66	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	908358	267.90	ug/l	98
52) Toluene	8.79	92	222372	50.84	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	138571	54.07	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	135439	54.48	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	91910	51.10	ug/l	96
56) Ethyl methacrylate	9.19	69	143981	52.83	ug/l	99
57) 1,3-Dichloropropane	9.38	76	149823	52.08	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	349966	267.55	ug/l	98
59) 2-Hexanone	9.51	43	782820	271.91	ug/l	99
60) Dibromochloromethane	9.59	129	99443	46.99	ug/l	97
61) 1,2-Dibromoethane	9.68	107	100624	52.17	ug/l	99
64) Tetrachloroethene	9.34	164	90421	51.05	ug/l	96
65) Chlorobenzene	10.15	112	258540	50.90	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	91004	52.75	ug/l	99
67) Ethyl Benzene	10.26	91	450060	52.26	ug/l	99
68) m/p-Xylenes	10.37	106	365058	107.73	ug/l	97
69) o-Xylene	10.71	106	174965	53.33	ug/l	100
70) Styrene	10.72	104	297420	54.79	ug/l	98
71) Bromoform	10.87	173	81604	45.83	ug/l #	98
73) Isopropylbenzene	11.02	105	489037	50.34	ug/l	98
74) N-amyl acetate	6.47	43	234068	55.65	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	173134	50.39	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	155958m	49.49	ug/l	
77) Bromobenzene	11.26	156	120257	46.47	ug/l	99
78) n-propylbenzene	11.37	91	584676	50.47	ug/l	99
79) 2-Chlorotoluene	11.43	91	327239	48.90	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	435858	53.36	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	49687	51.05	ug/l	96
82) 4-Chlorotoluene	11.52	91	413884	51.80	ug/l	100
83) tert-Butylbenzene	11.78	119	415629	50.45	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	448743	52.40	ug/l	99
85) sec-Butylbenzene	11.96	105	539902	52.97	ug/l	99
86) p-Isopropyltoluene	12.07	119	486150	53.70	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	244443	49.96	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	254645	49.57	ug/l	98
89) n-Butylbenzene	12.40	91	450940	53.50	ug/l	98
90) Hexachloroethane	12.60	117	76303	53.55	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	244280	50.92	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	48601	50.72	ug/l	96

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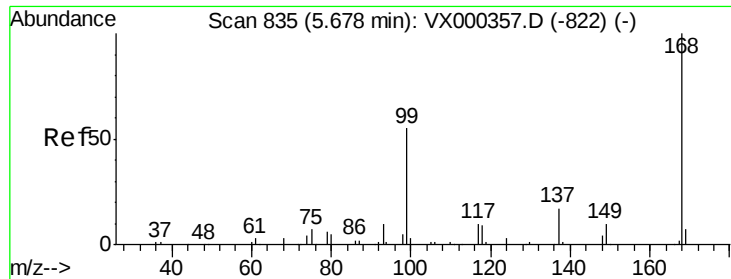
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	166494	48.41	ug/l	99
94) Hexachlorobutadiene	13.79	225	76288	53.57	ug/l	97
95) Naphthalene	13.84	128	601190	50.18	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	167198	49.20	ug/l	98

(#) = 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: VX000422.D

Acq: 23 Mar 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 142443

Ion Ratio Lower Upper

168 100

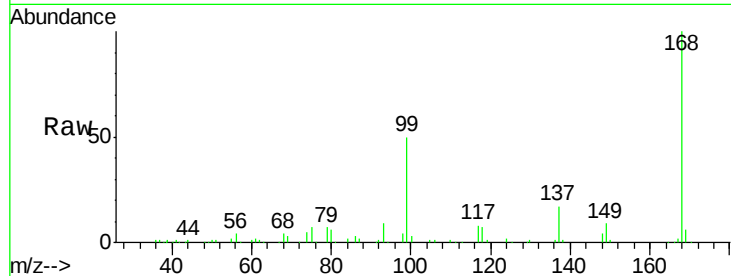
99 49.9 45.8 68.6

Manual Integrations

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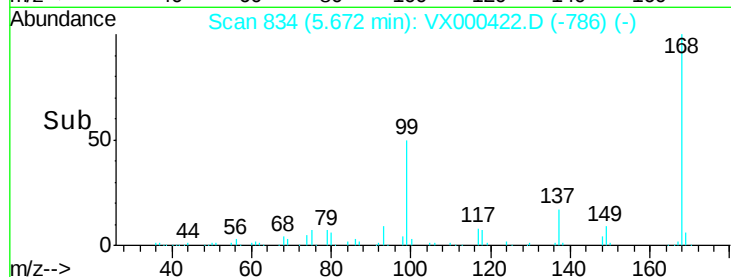


Abundance Ion 167.90 (167.60 to 168.60): V

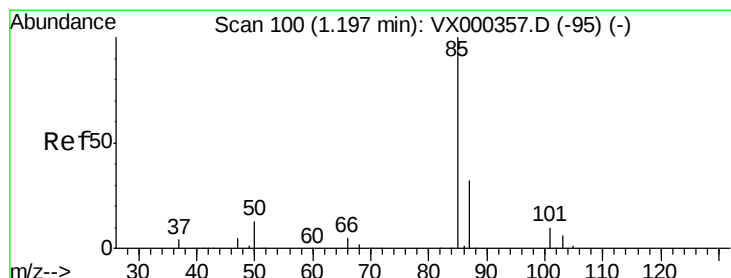
Ion 98.90 (98.60 to 99.60): VX0

5.67

5.60 5.70 5.80



Time-->



#2

Dichlorodifluoromethane

Concen: 50.18 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000422.D

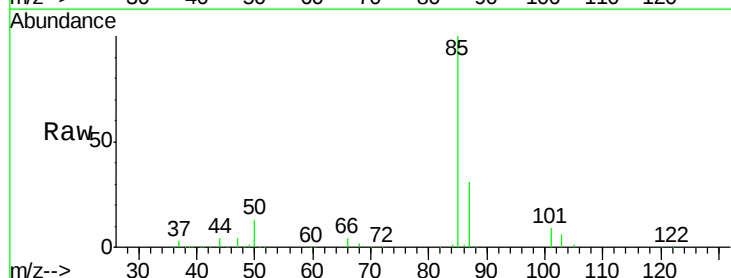
Acq: 23 Mar 2018 11:07

Tgt Ion: 85 Resp: 78778

Ion Ratio Lower Upper

85 100

87 31.5 16.8 50.3

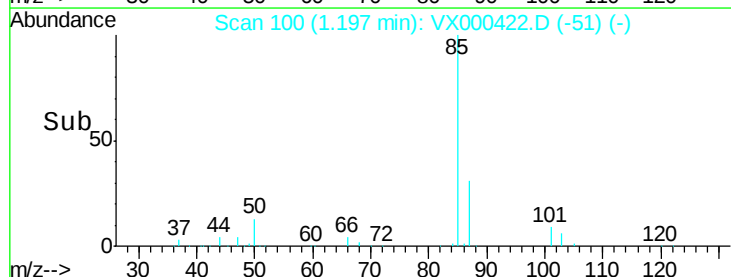


Abundance Ion 84.90 (84.60 to 85.60): VX0

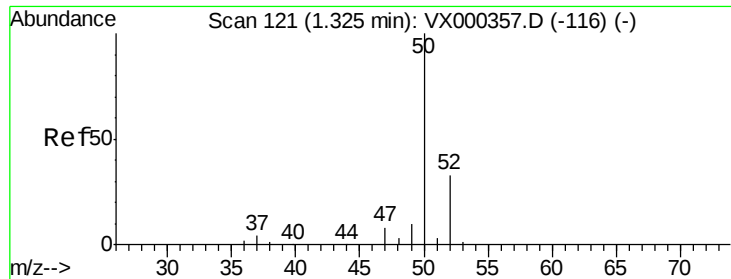
Ion 86.90 (86.60 to 87.60): VX0

1.20

1.15 1.25 1.30



Time-->



#3

Chloromethane

Concen: 40.85 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000422.D

Acq: 23 Mar 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 67562

Ion Ratio Lower Upper

50 100

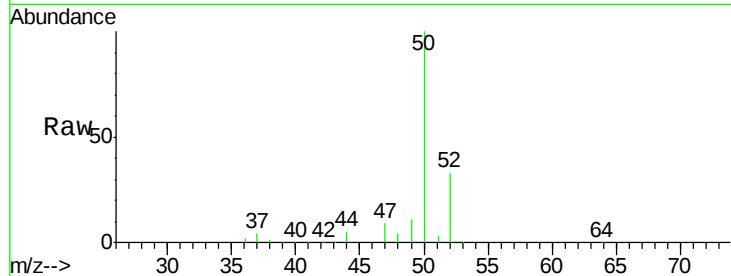
52 32.8 27.5 41.3

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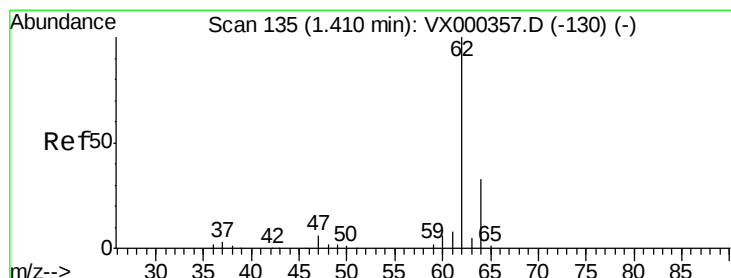
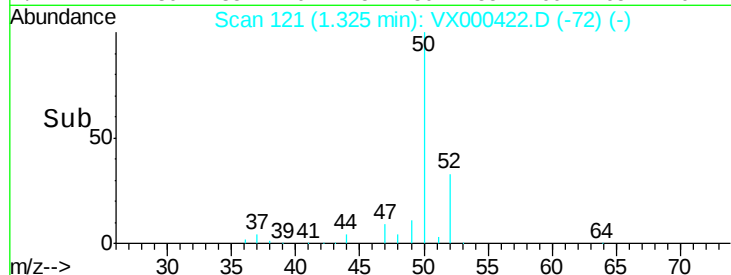
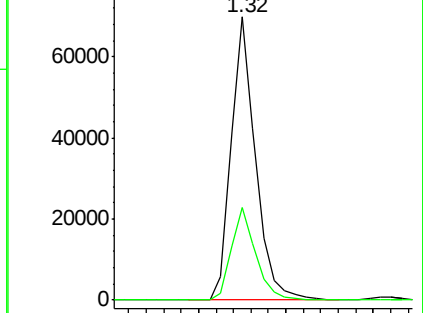
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 51.55 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000422.D

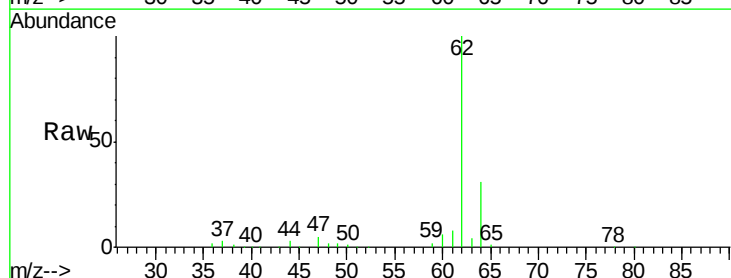
Acq: 23 Mar 2018 11:07

Tgt Ion: 62 Resp: 90091

Ion Ratio Lower Upper

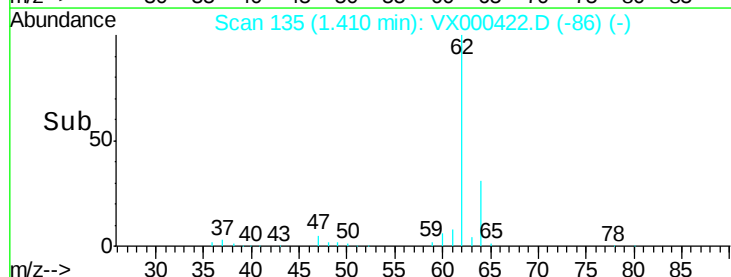
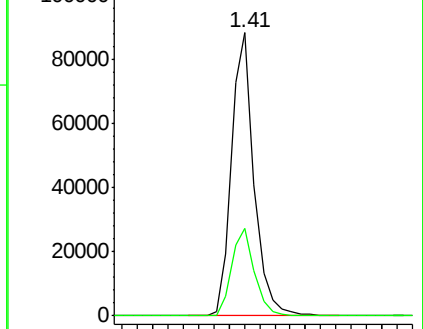
62 100

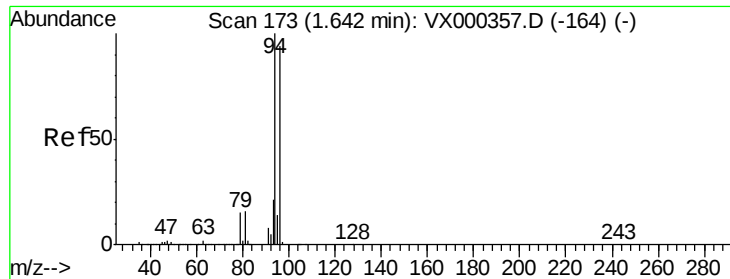
64 31.0 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 49.34 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000422.D

Acq: 23 Mar 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 103222

Ion Ratio Lower Upper

94 100

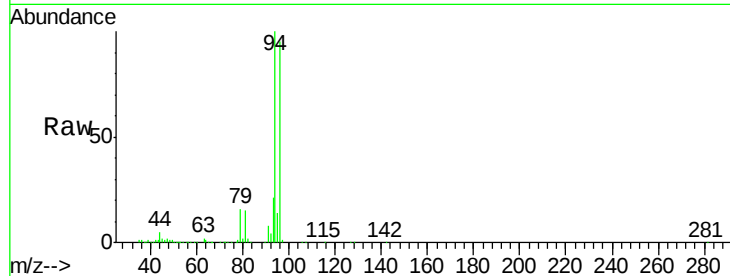
96 94.9 77.7 116.5

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

100000

80000

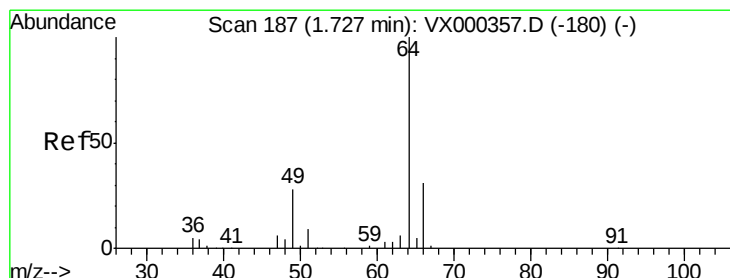
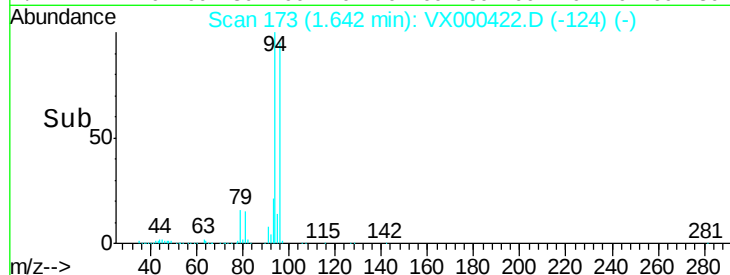
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 54.52 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX000422.D

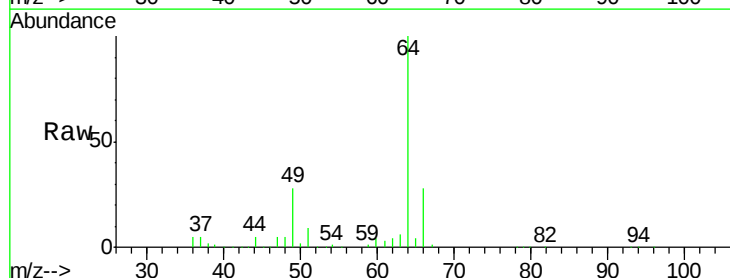
Acq: 23 Mar 2018 11:07

Tgt Ion: 64 Resp: 57103

Ion Ratio Lower Upper

64 100

66 28.5 24.8 37.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

50000

40000

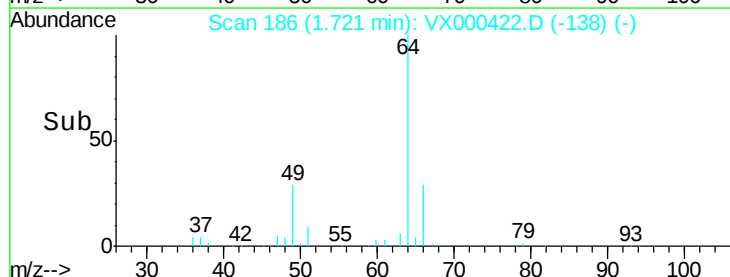
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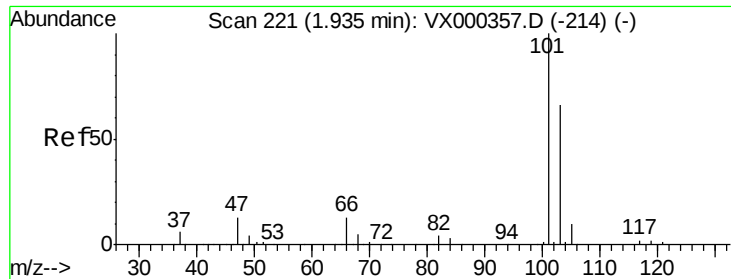
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10000

0

Time-->





#7

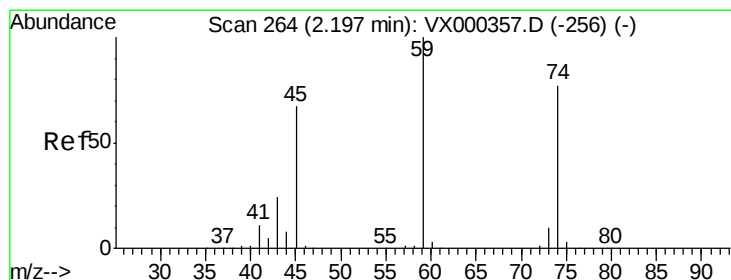
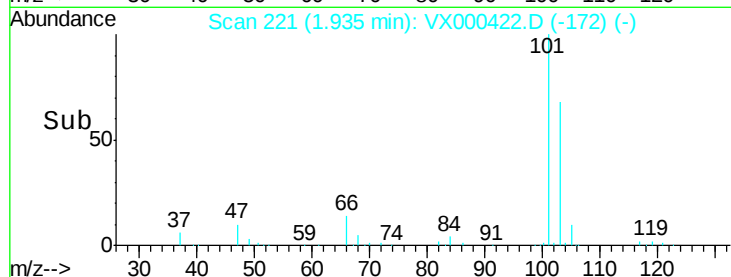
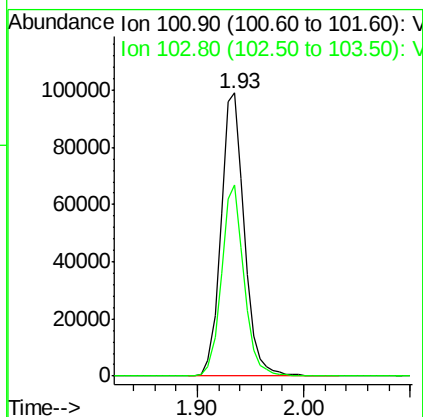
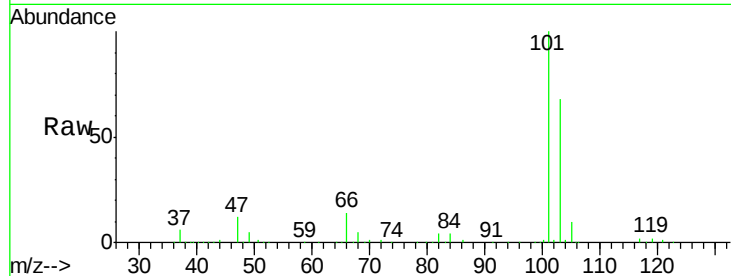
Trichlorofluoromethane
 Concen: 47.88 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VX000422.D
 Acq: 23 Mar 2018 11:07

Instrument :
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 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.6	51.6	77.4

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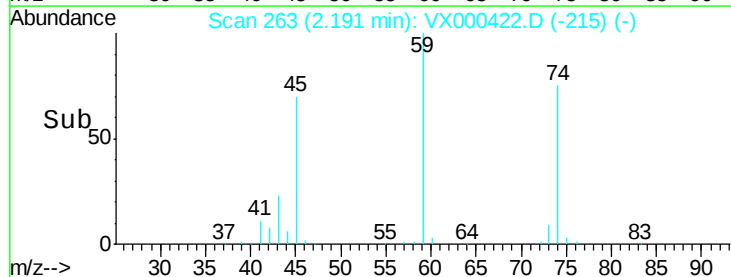
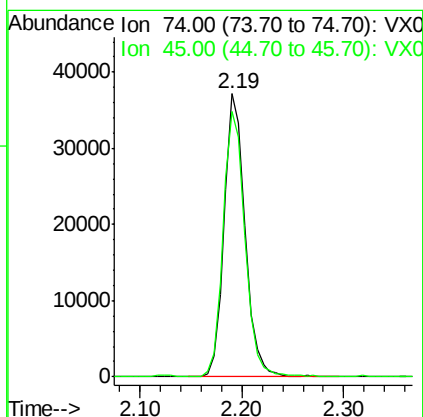
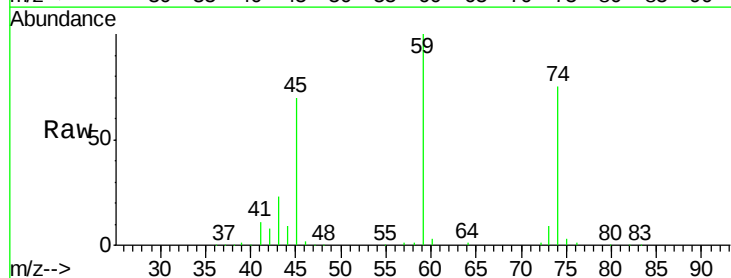
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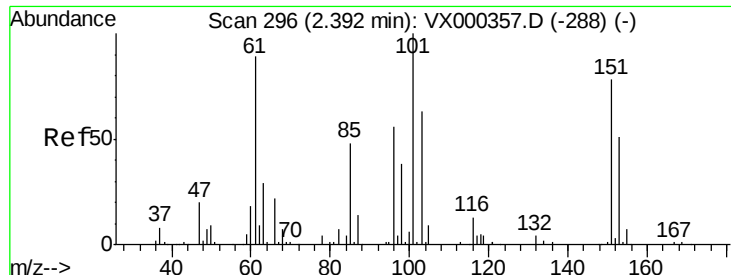


#8

Diethyl Ether
 Concen: 46.95 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.01 min
 Lab File: VX000422.D
 Acq: 23 Mar 2018 11:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.3	45.1	135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.82 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000422.D

Acq: 23 Mar 2018 11:07

Instrument :

MSVOA_X

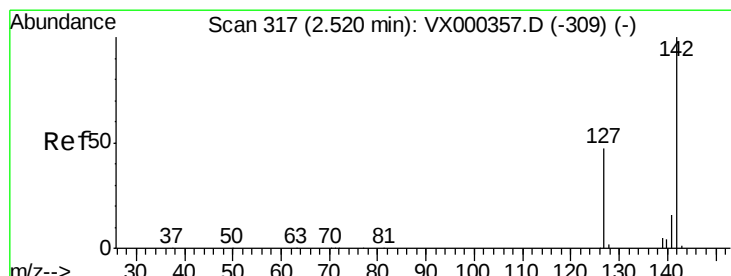
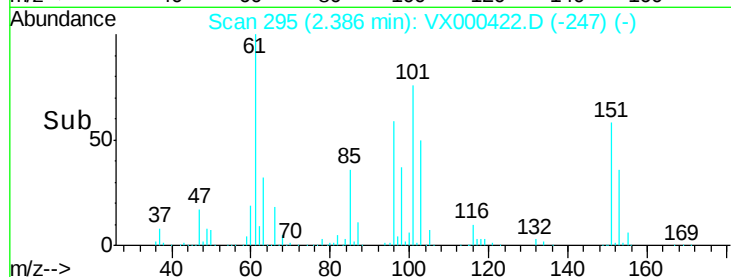
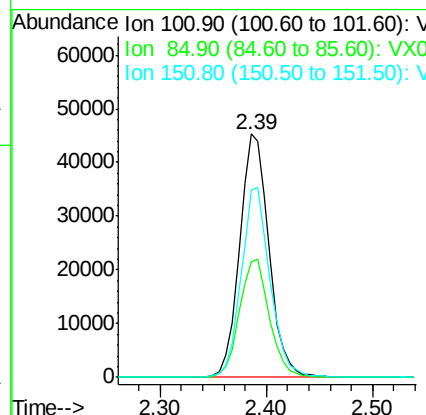
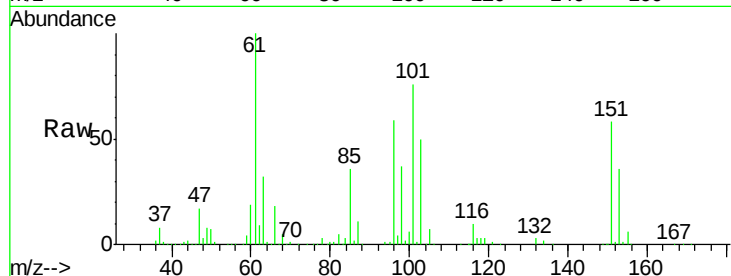
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	87628
Ion Ratio	Lower	Upper	
101	100		
85	49.3	37.6	56.4
151	76.9	62.6	93.8

Manual Integrations
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#10

Methyl Iodide

Concen: 33.47 ug/l

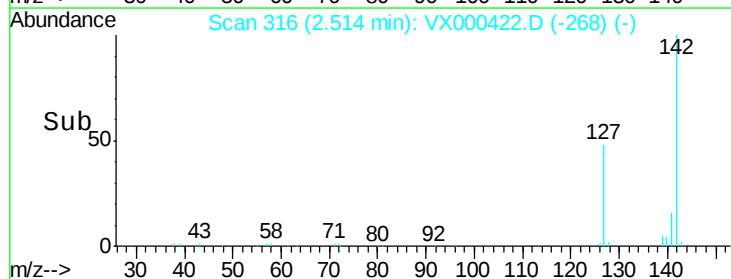
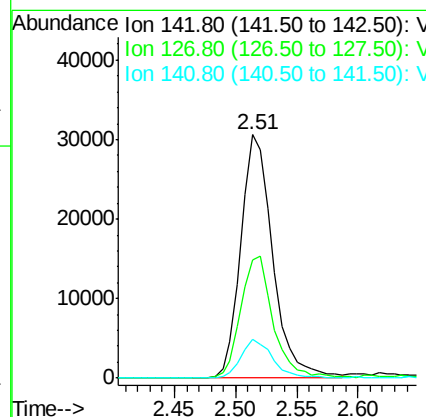
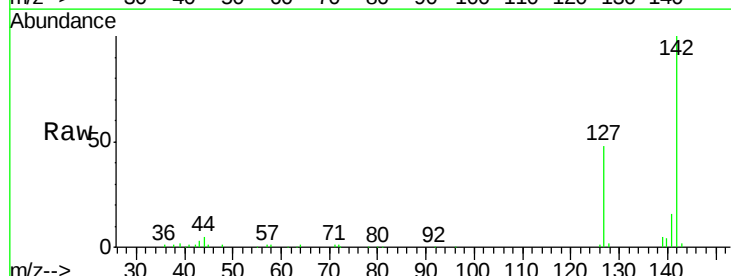
RT: 2.51 min Scan# 316

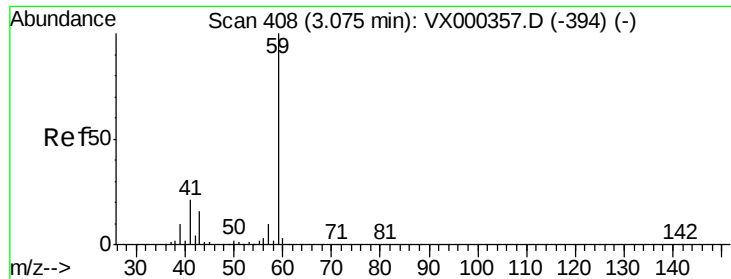
Delta R.T. -0.01 min

Lab File: VX000422.D

Acq: 23 Mar 2018 11:07

Tgt Ion:	142	Resp:	55633
Ion Ratio	Lower	Upper	
142	100		
127	50.4	39.2	58.8
141	15.8	11.7	17.5





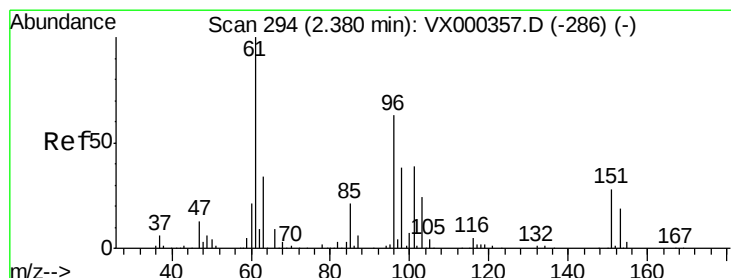
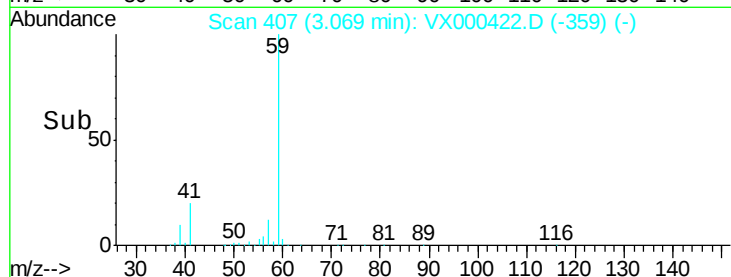
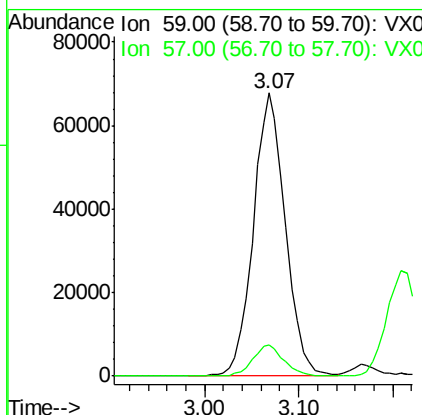
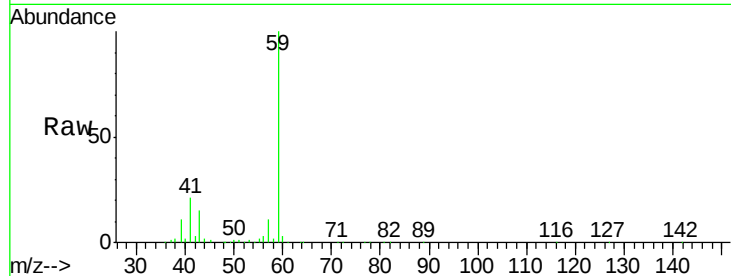
#11
Tert butyl alcohol
Concen: 252.61 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000422.D
Acq: 23 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.4	12.6

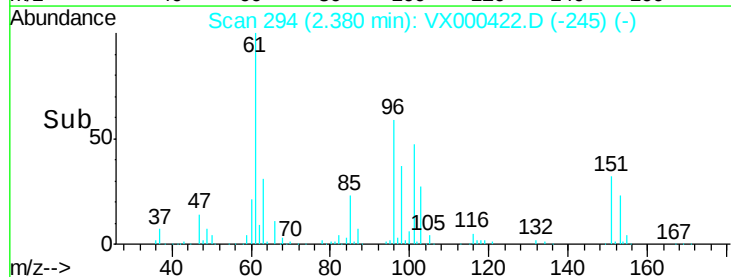
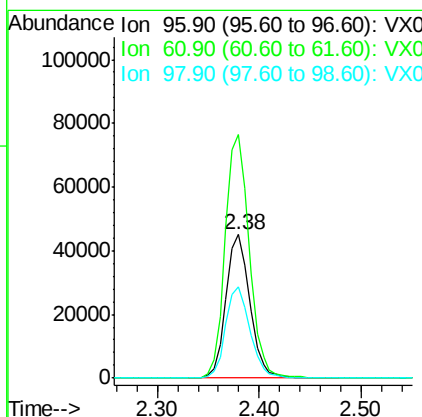
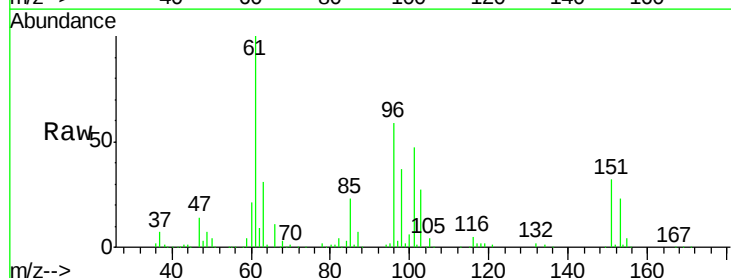
Manual Integrations
APPROVED

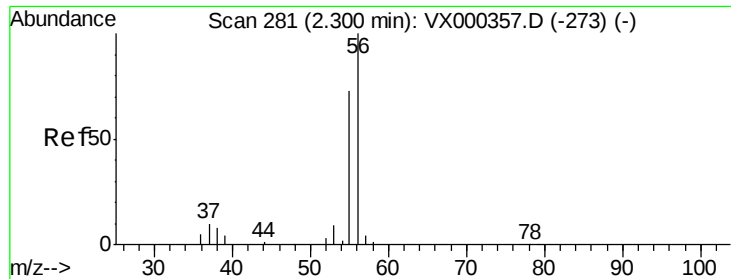
sam
3/26/2018 2:36:14 PM



#12
1,1-Dichloroethene
Concen: 47.57 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000422.D
Acq: 23 Mar 2018 11:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.4	131.2	196.8
98	63.4	49.8	74.8





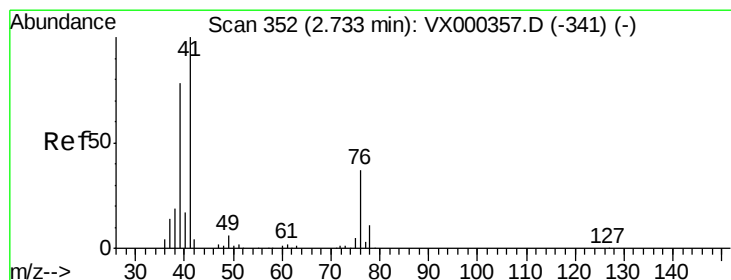
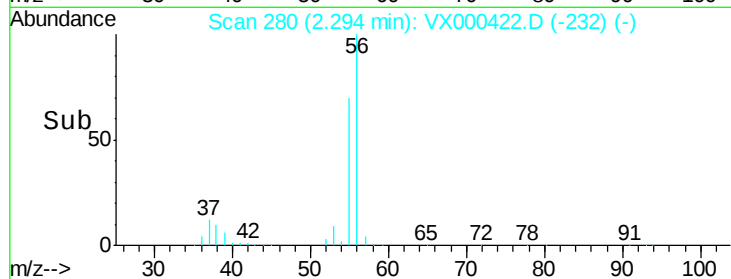
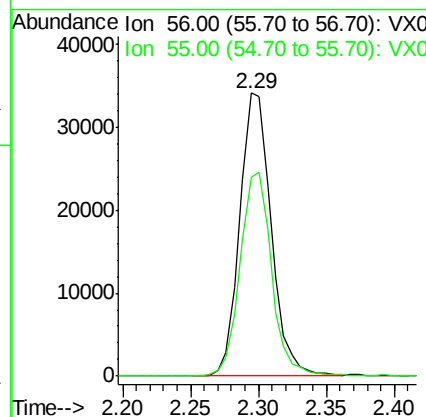
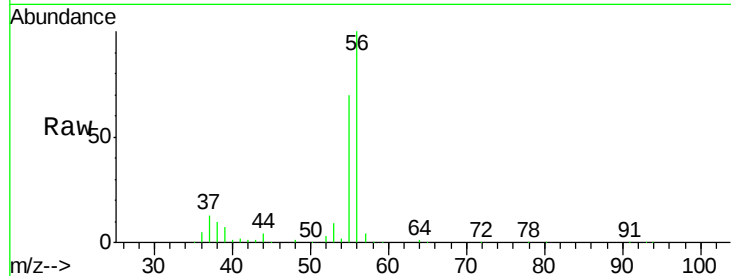
#13
Acrolein
Concen: 268.73 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX000422.D
Acq: 23 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.4	58.8	88.2

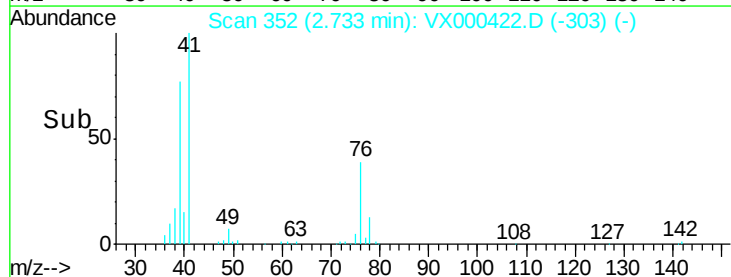
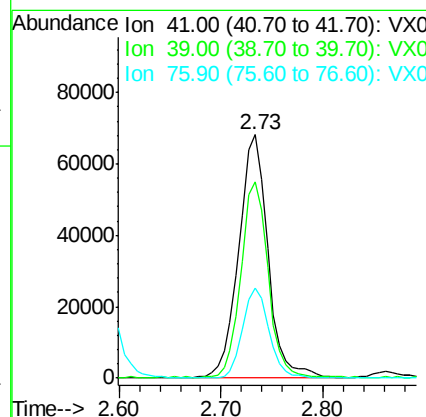
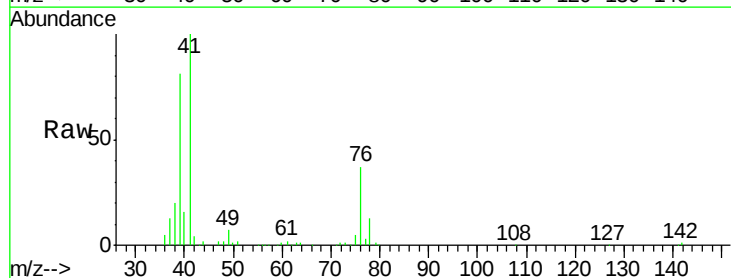
Manual Integrations
APPROVED

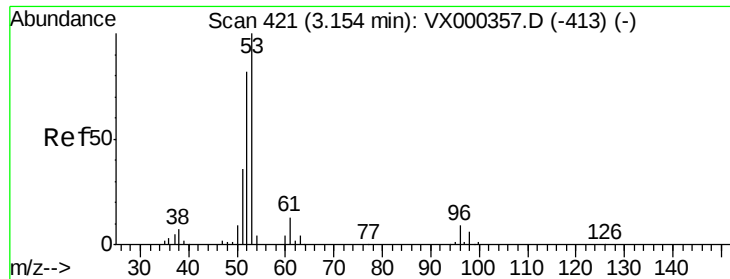
sam
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#14
Allyl chloride
Concen: 49.88 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX000422.D
Acq: 23 Mar 2018 11:07

Tgt Ion	Ratio	Lower	Upper
41	100		
39	73.8	57.6	86.4
76	33.5	27.3	40.9





#15

Acrylonitrile

Concen: 245.57 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX000422.D

Acq: 23 Mar 2018 11:07

Instrument :

MSVOA_X

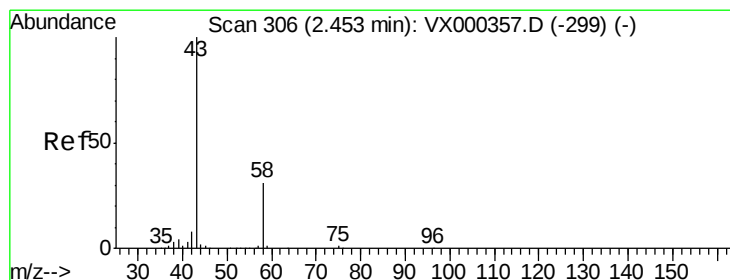
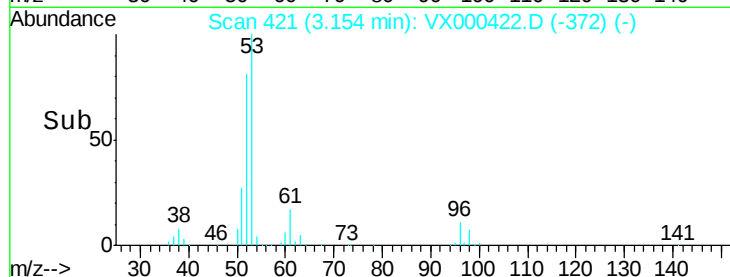
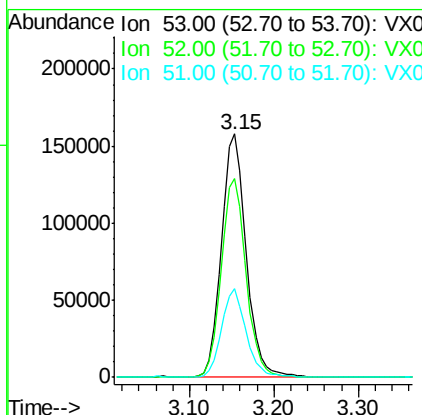
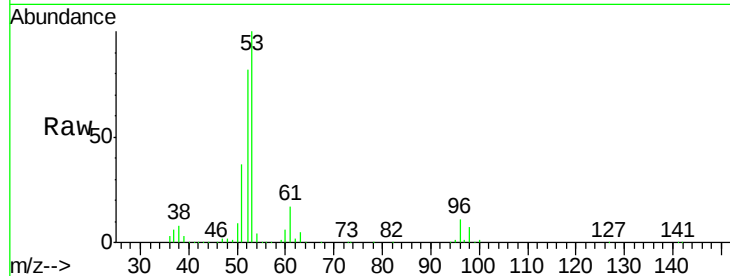
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	318113
Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.6	99.8
51	36.7	29.3	43.9

Manual Integrations
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sam
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#16

Acetone

Concen: 266.27 ug/l

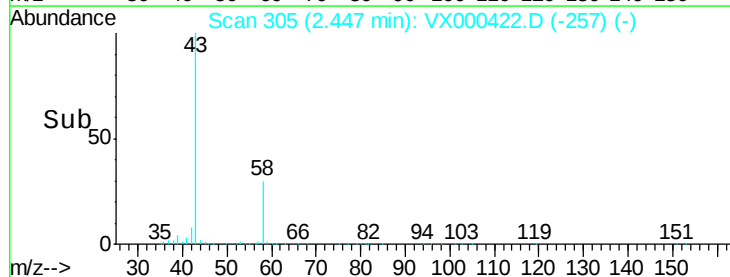
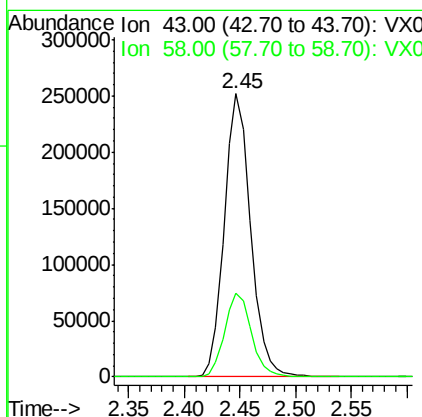
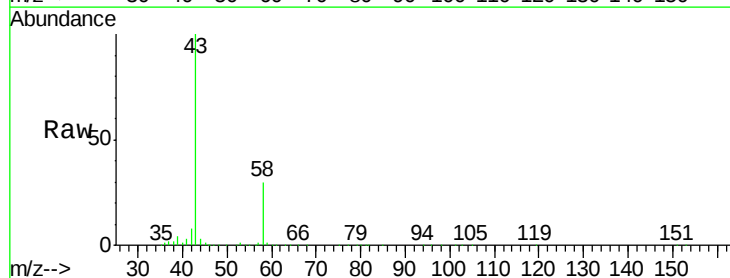
RT: 2.45 min Scan# 305

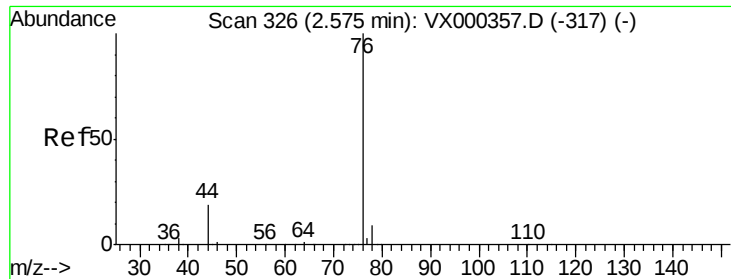
Delta R.T. -0.01 min

Lab File: VX000422.D

Acq: 23 Mar 2018 11:07

Tgt Ion:	43	Resp:	411856
Ion	Ratio	Lower	Upper
43	100		
58	29.7	24.7	37.1





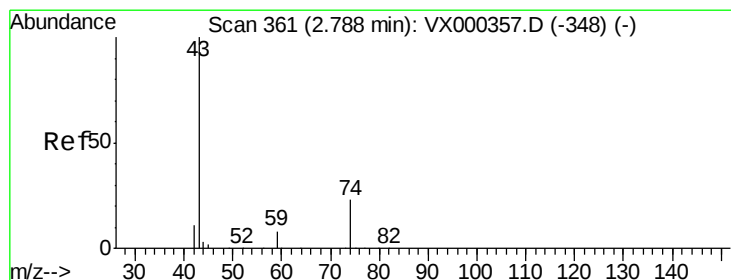
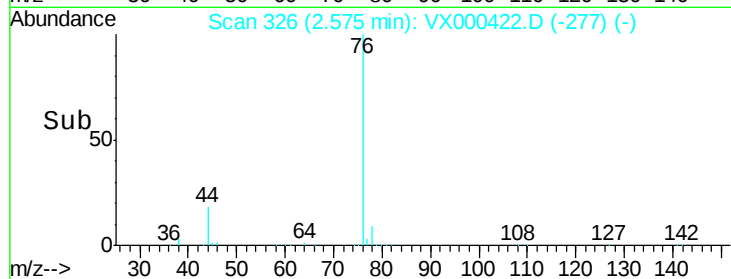
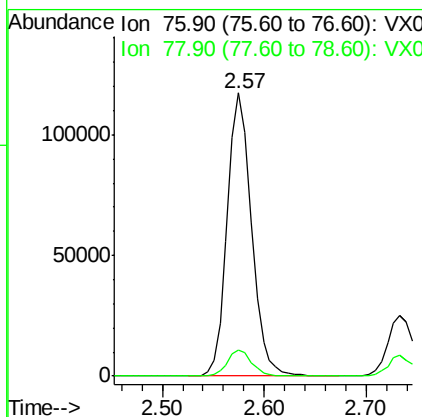
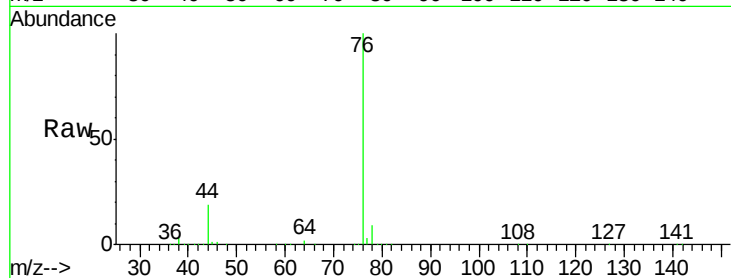
#17
Carbon Disulfide
Concen: 47.20 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000422.D
Acq: 23 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.0	10.6

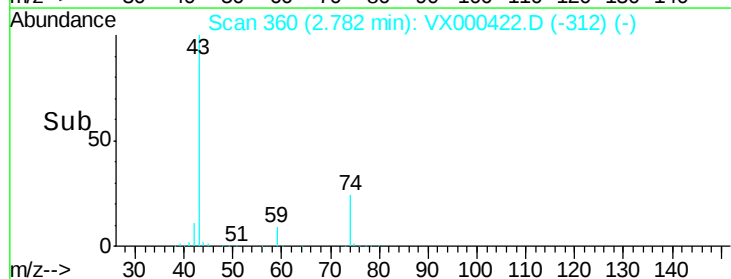
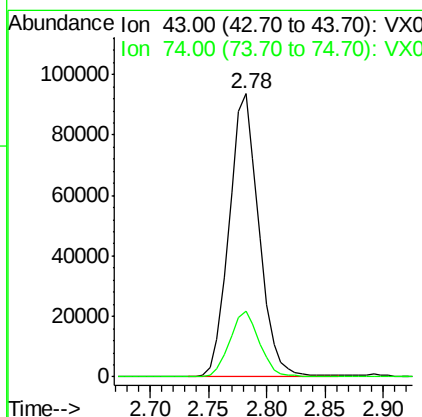
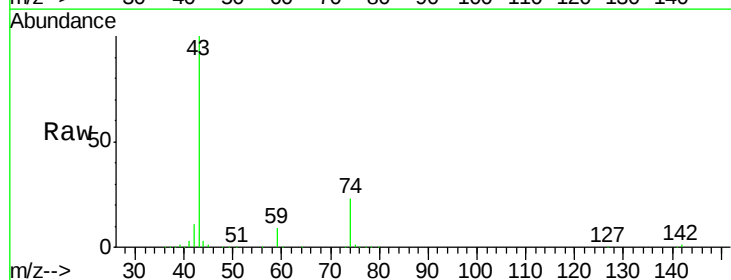
Manual Integrations
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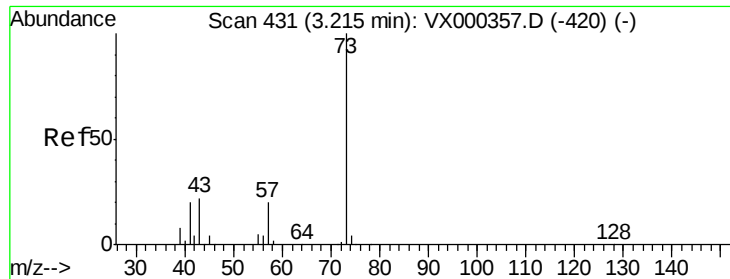
sam
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#18
Methyl Acetate
Concen: 51.26 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000422.D
Acq: 23 Mar 2018 11:07

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	19.4	29.2





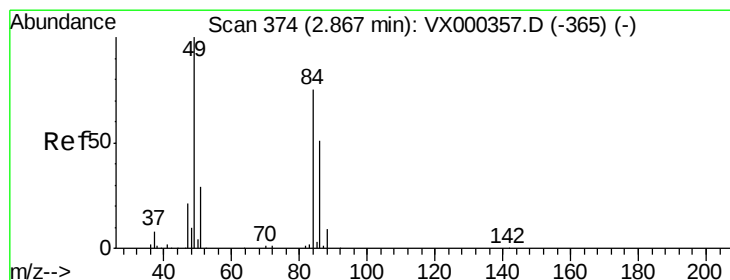
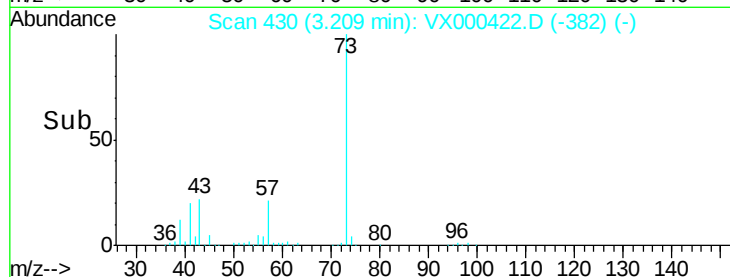
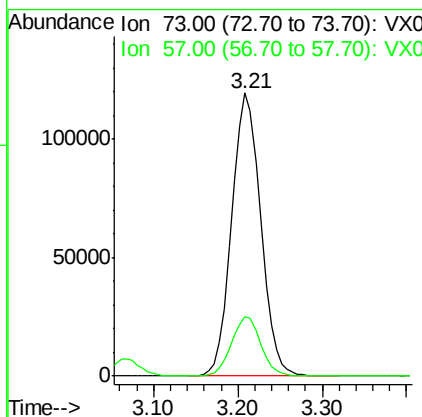
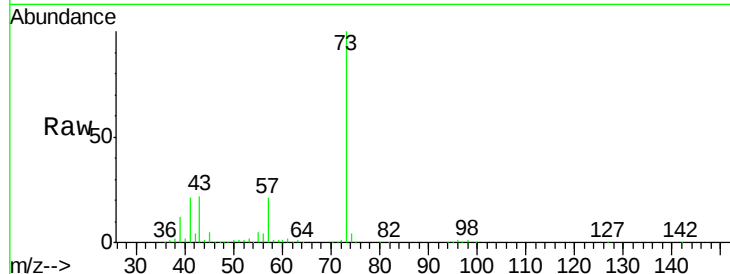
#19
Methyl tert-butyl Ether
Concen: 48.89 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX000422.D
Acq: 23 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	17.2	25.8

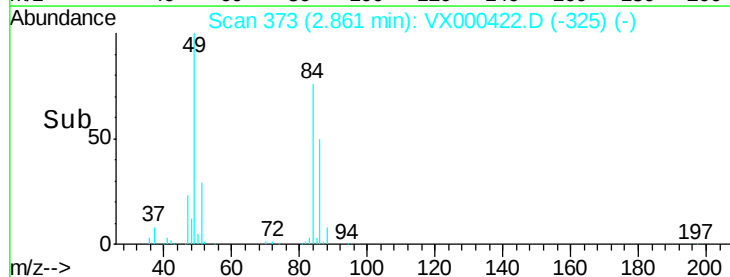
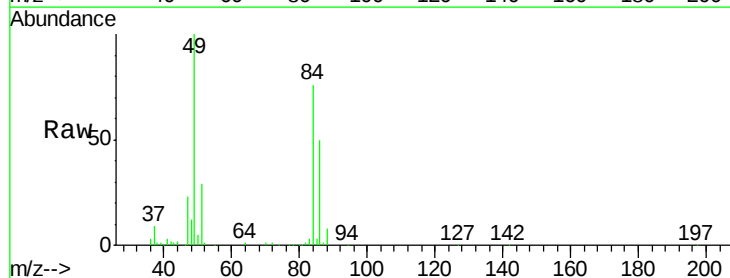
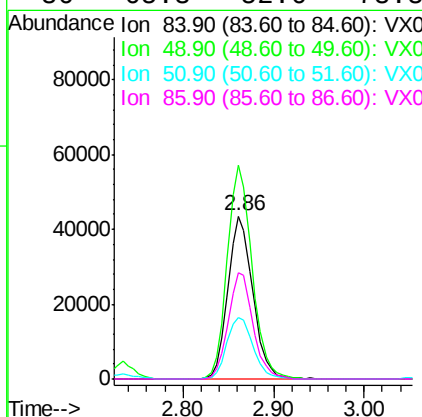
Manual Integrations
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sam
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#20
Methylene Chloride
Concen: 46.35 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000422.D
Acq: 23 Mar 2018 11:07

Tgt Ion	Ratio	Lower	Upper
84	100		
49	131.0	100.6	151.0
51	37.7	31.6	47.4
86	65.3	52.6	78.8





#21

trans-1,2-Dichloroethene

Concen: 46.91 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000422.D

Acq: 23 Mar 2018 11:07

Instrument :

MSVOA_X

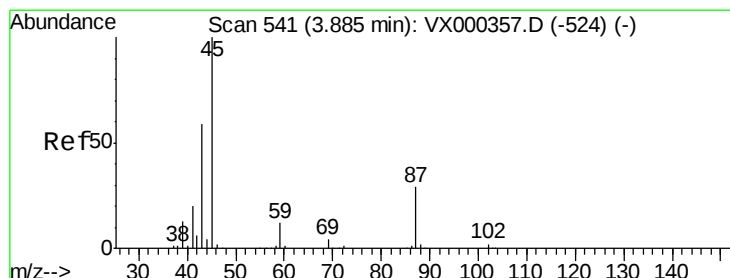
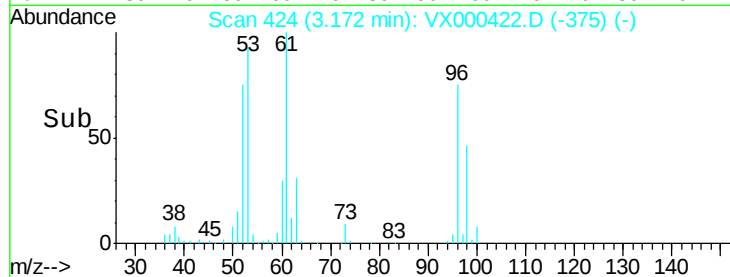
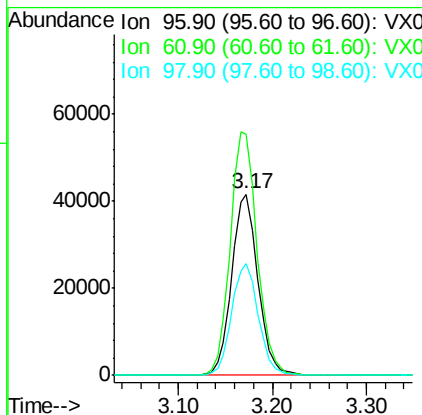
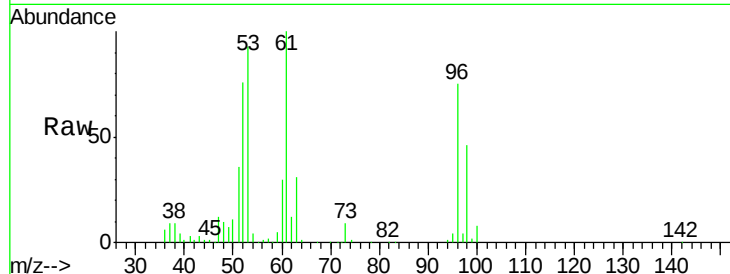
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	80801
Ion	Ratio	Lower	Upper
96	100		
61	133.3	104.0	156.0
98	61.9	52.1	78.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 55.96 ug/l

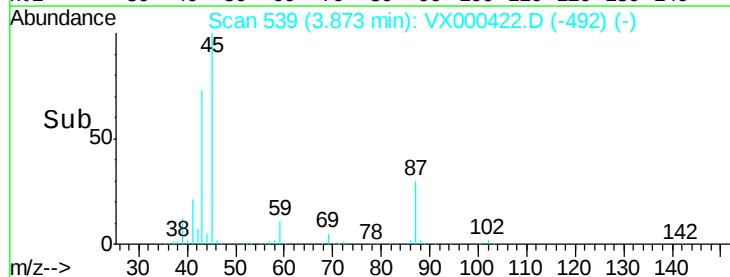
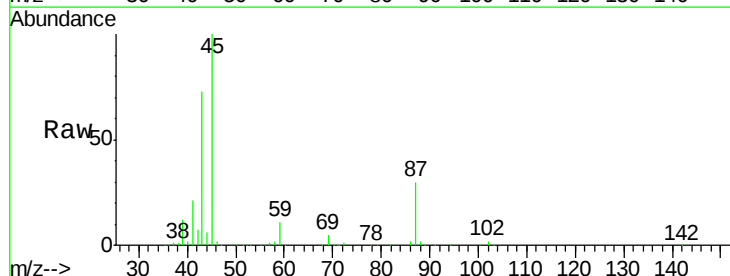
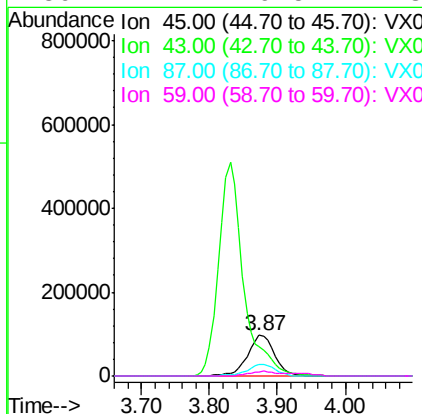
RT: 3.87 min Scan# 539

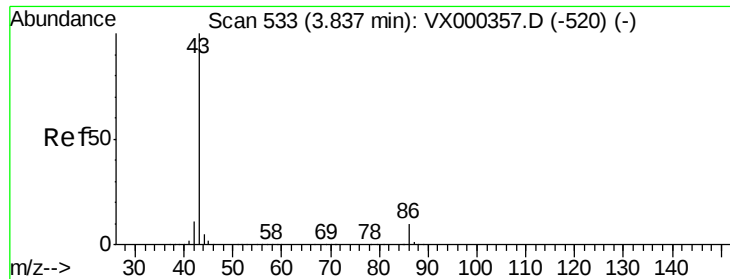
Delta R.T. -0.01 min

Lab File: VX000422.D

Acq: 23 Mar 2018 11:07

Tgt Ion:	45	Resp:	270072
Ion	Ratio	Lower	Upper
45	100		
43	72.3	53.9	80.9
87	29.6	22.6	34.0
59	11.1	9.5	14.3





#23

Vinyl Acetate

Concen: 284.19 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000422.D

Acq: 23 Mar 2018 11:07

Tot Ion: 43 Resp: 1300322

Ion Ratio Lower Upper

43 100

86 10.4 8.6 12.8

Instrument :

MSVOA_X

ClientSampleId :

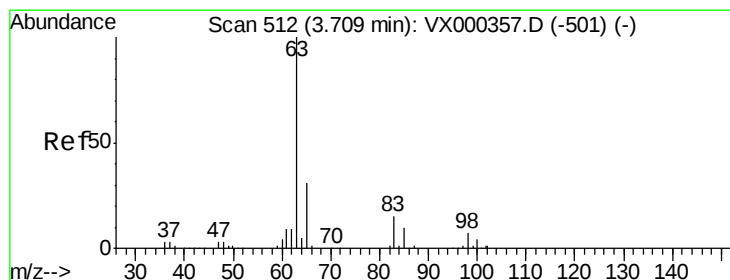
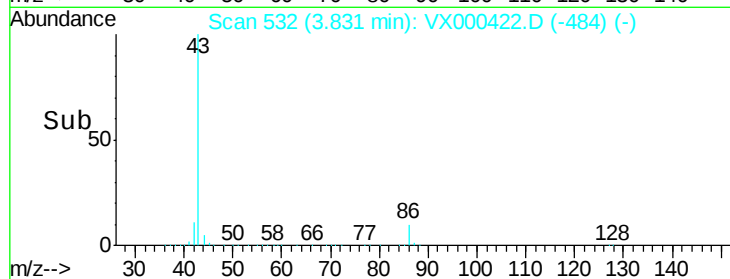
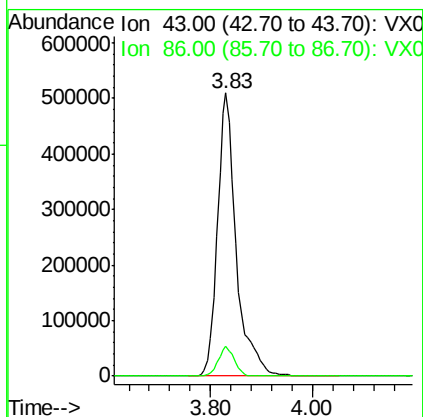
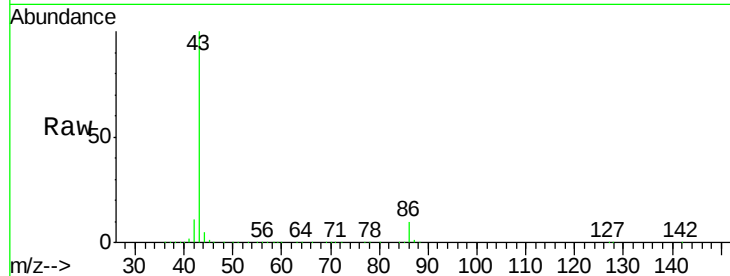
VSTDCCC050

Manual Integrations

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sam

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#24

1,1-Dichloroethane

Concen: 49.70 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000422.D

Acq: 23 Mar 2018 11:07

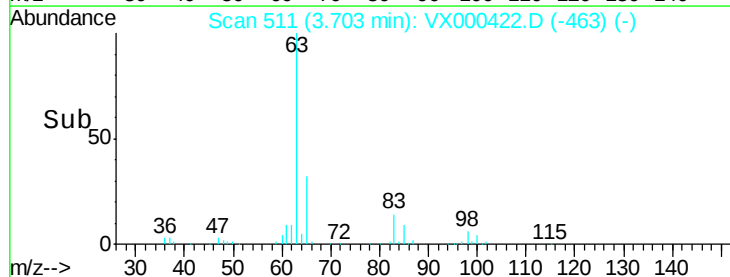
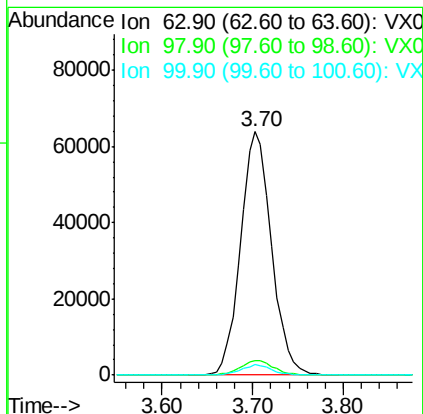
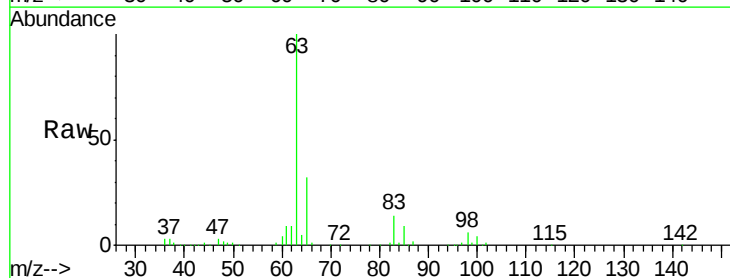
Tgt Ion: 63 Resp: 150815

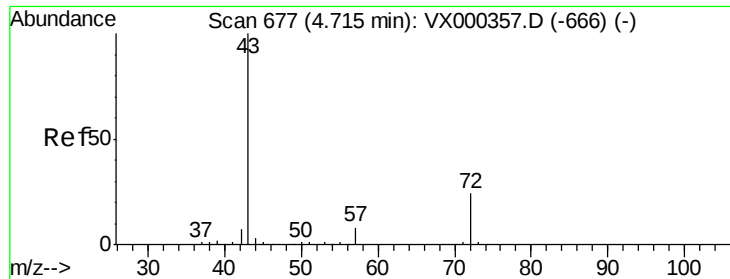
Ion Ratio Lower Upper

63 100

98 6.0 3.3 9.9

100 4.2 2.0 5.8





#25

2-Butanone

Concen: 252.97 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000422.D

Acq: 23 Mar 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 439812

Ion Ratio Lower Upper

43 100

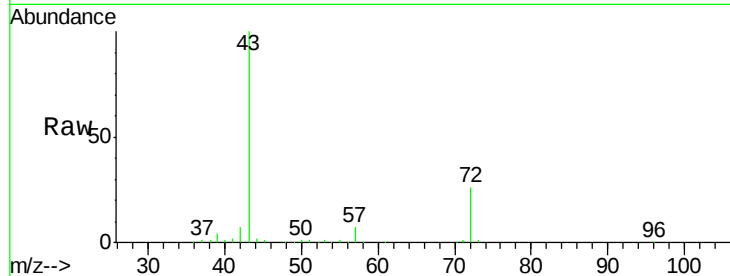
72 26.2 21.0 31.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

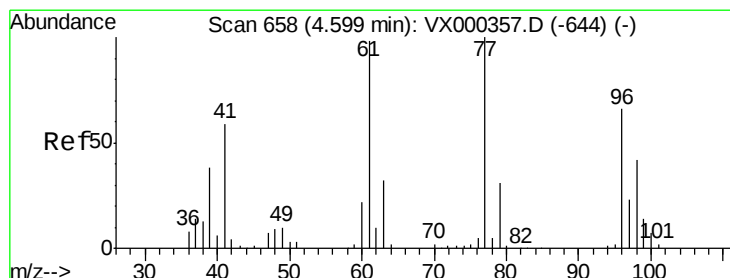
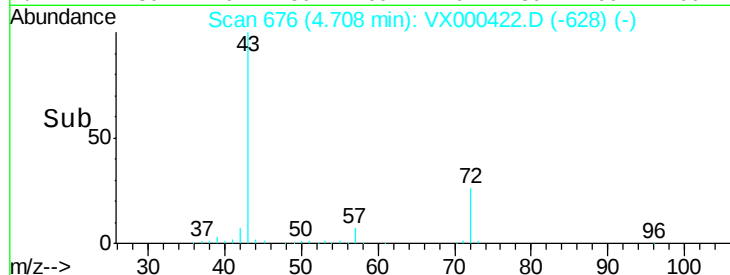
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 50.64 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000422.D

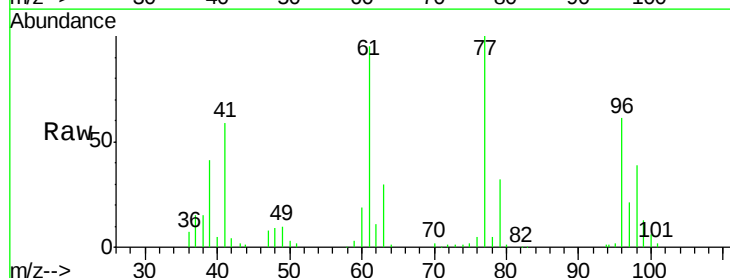
Acq: 23 Mar 2018 11:07

Tgt Ion: 77 Resp: 107705

Ion Ratio Lower Upper

77 100

97 22.4 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

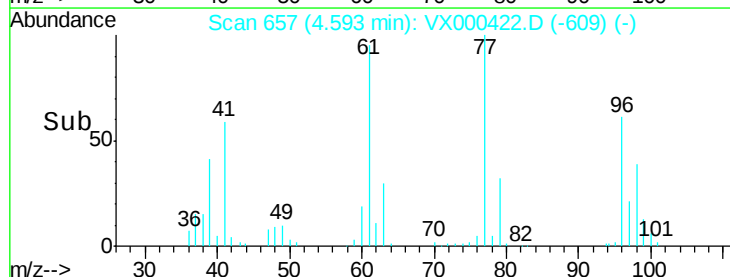
20000

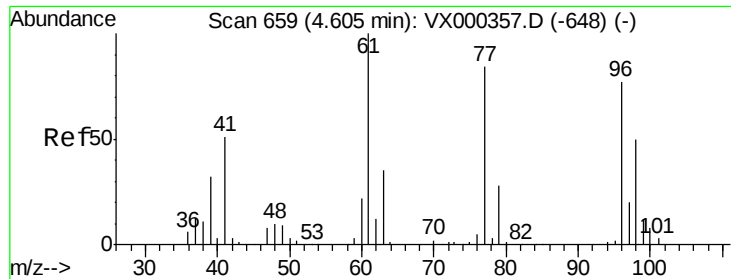
10000

0

4.50 4.60 4.70

Time-->





#27

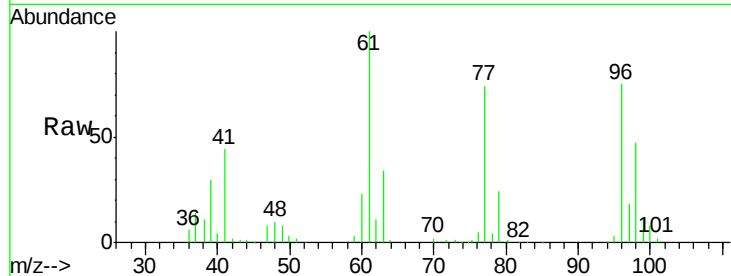
cis-1,2-Dichloroethene
Concen: 47.85 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX000422.D
Acq: 23 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.6	0.0	291.6
98	65.9	0.0	132.0

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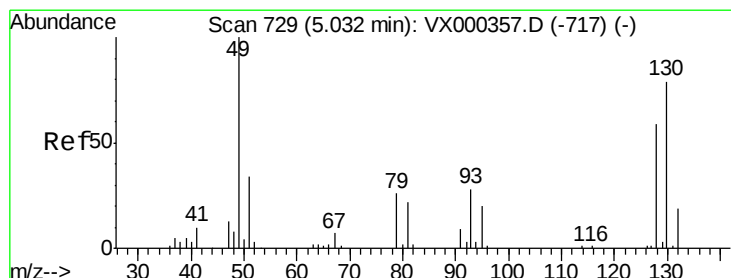
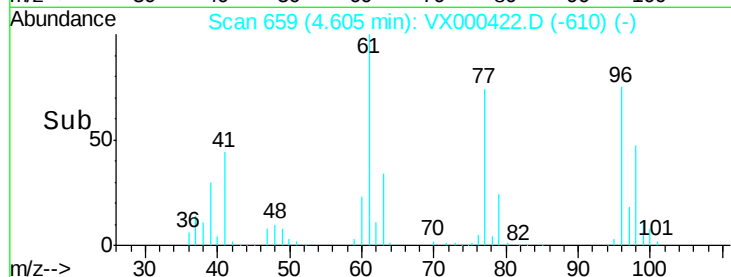
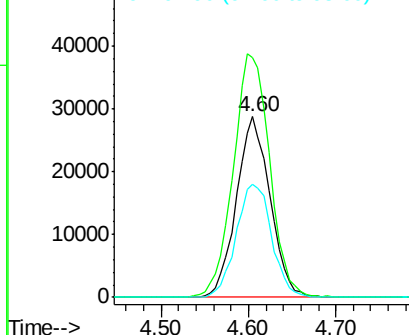


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

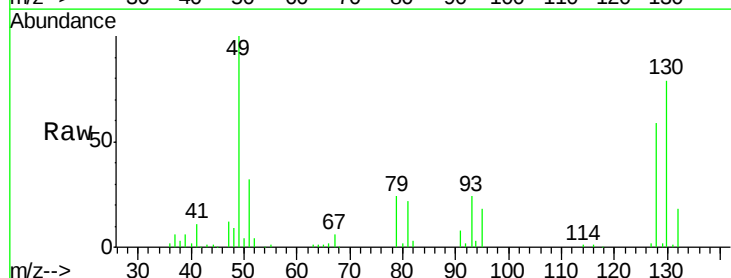
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 50.59 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX000422.D
Acq: 23 Mar 2018 11:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.0
130	80.6	64.0	96.0

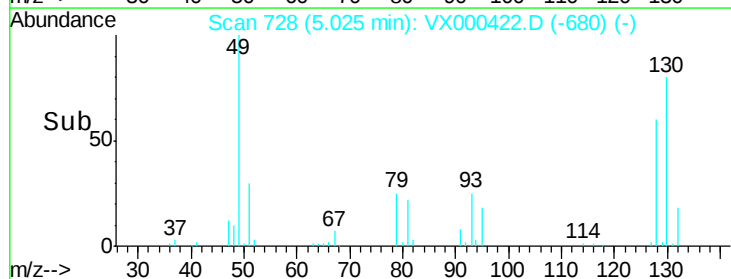
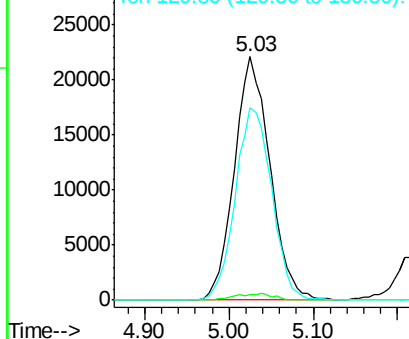


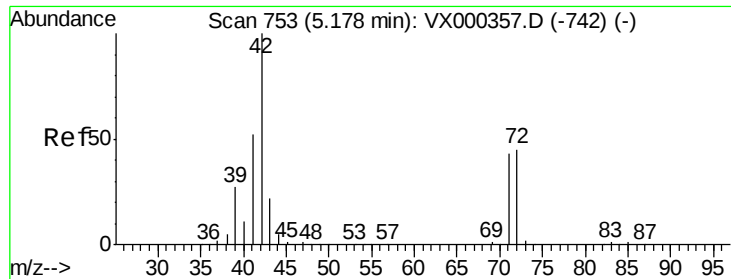
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





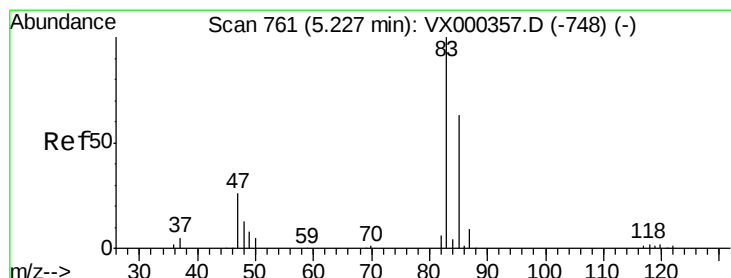
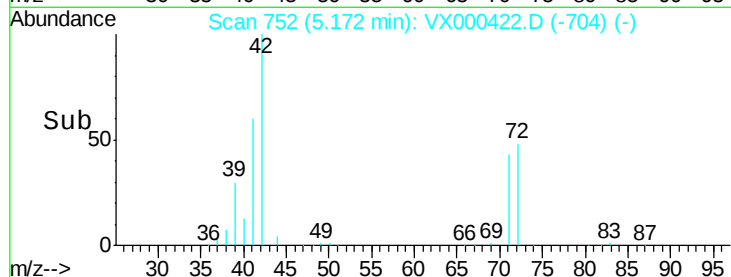
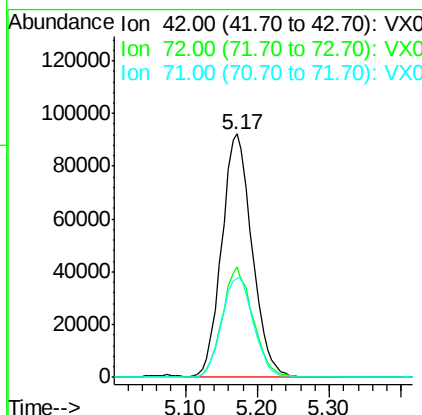
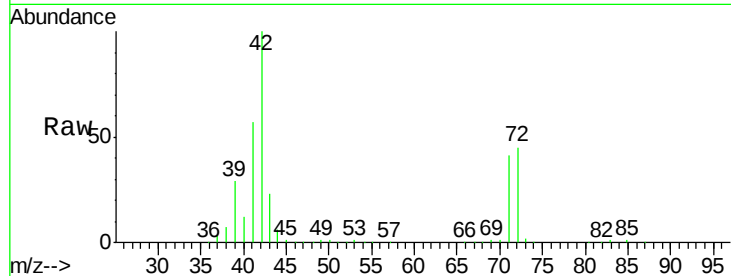
#29
Tetrahydrofuran
Concen: 252.09 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000422.D
Acq: 23 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.0	37.9	56.9
71	43.1	34.4	51.6

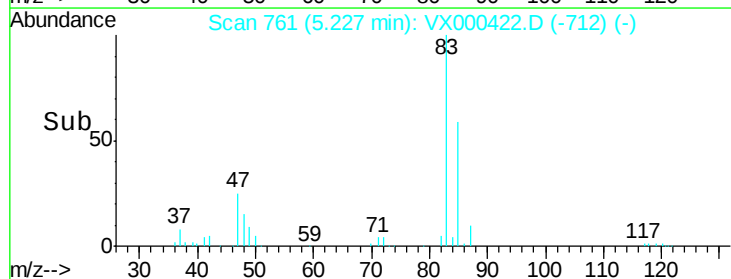
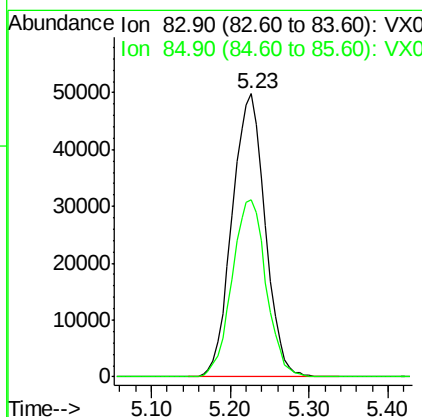
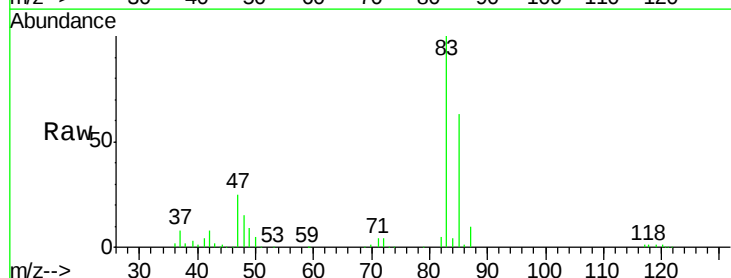
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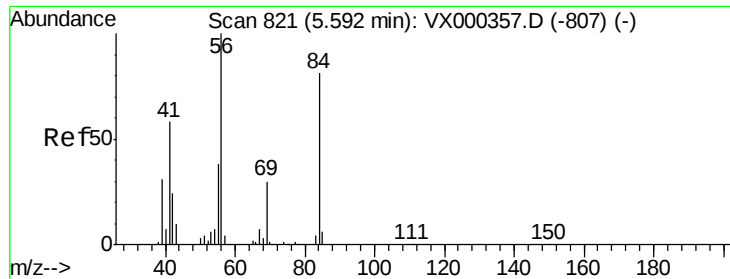
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#30
Chloroform
Concen: 50.90 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000422.D
Acq: 23 Mar 2018 11:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	53.3	79.9





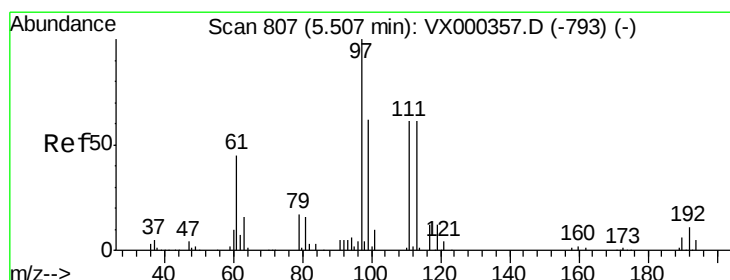
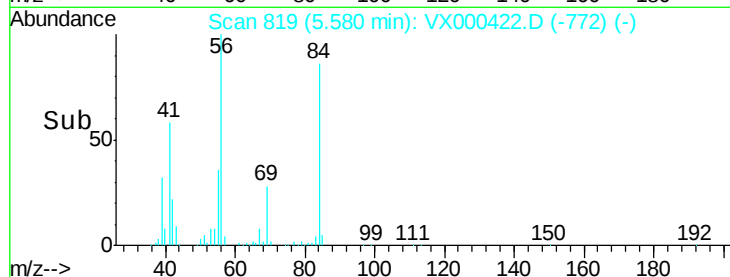
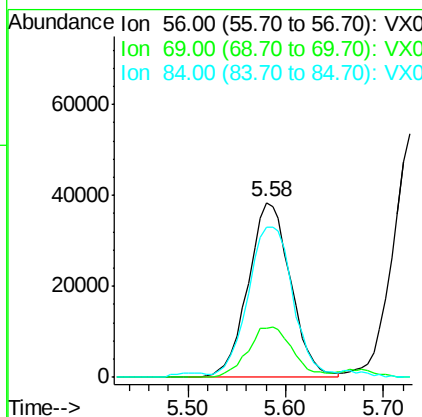
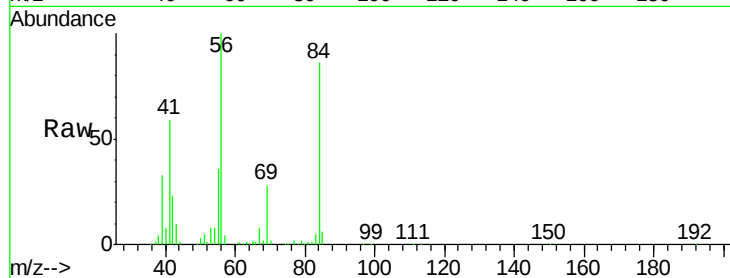
#31
Cyclohexane
Concen: 49.40 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX000422.D
Acq: 23 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.4	23.4	35.0
84	83.8	71.0	106.4

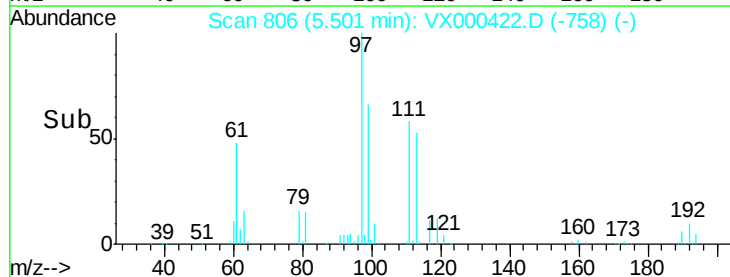
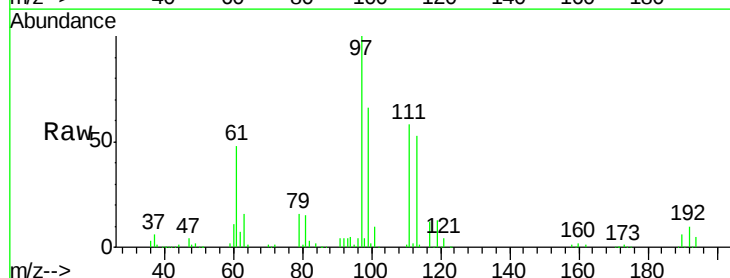
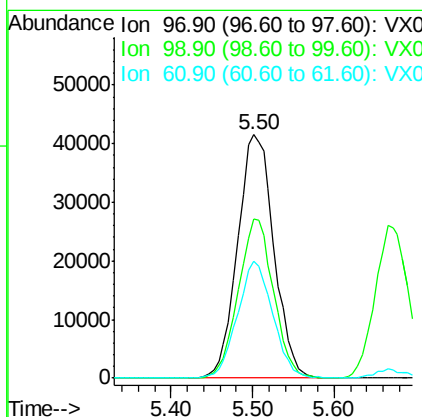
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#32
1,1,1-Trichloroethane
Concen: 50.03 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX000422.D
Acq: 23 Mar 2018 11:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.1	52.1	78.1
61	46.6	36.2	54.4





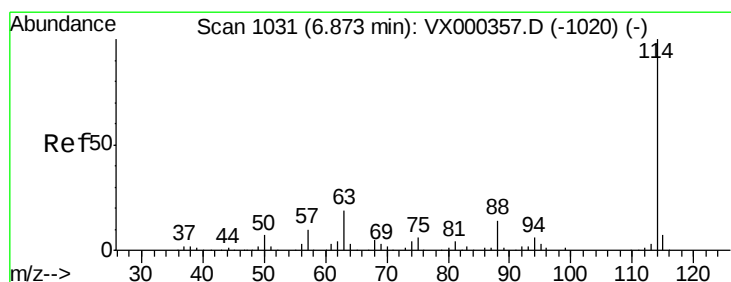
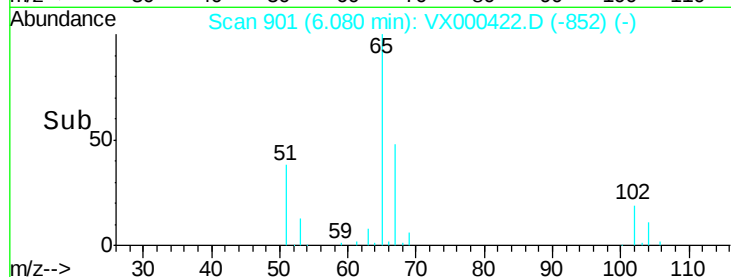
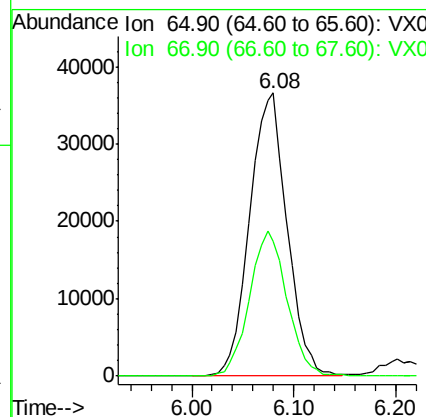
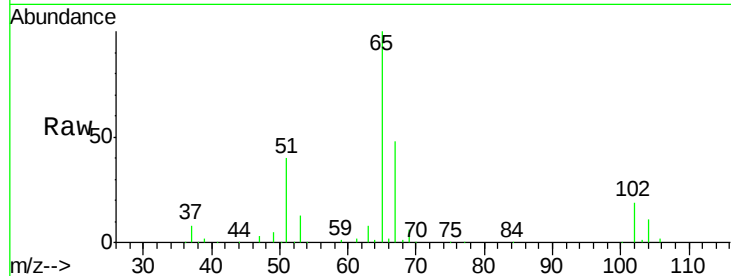
#33
 1,2-Dichloroethane-d4
 Concen: 50.12 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000422.D
 Acq: 23 Mar 2018 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	103.2

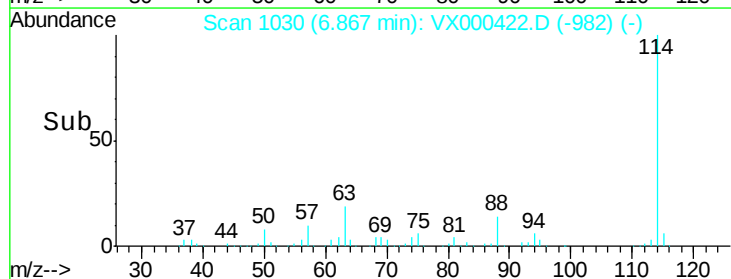
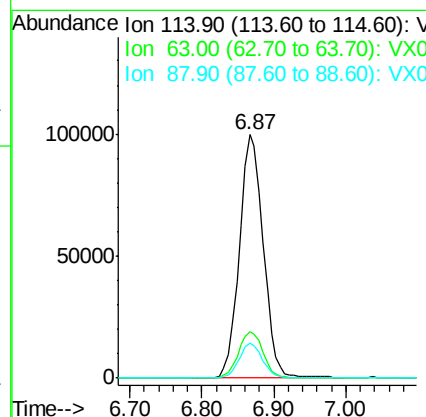
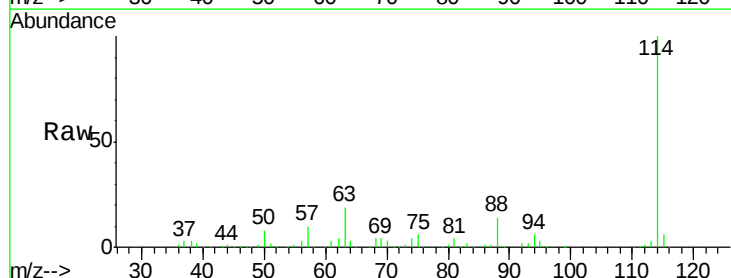
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000422.D
 Acq: 23 Mar 2018 11:07

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	38.4
88	14.2	0.0	27.0





#35

Dibromofluoromethane

Concen: 51.05 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000422.D

Acq: 23 Mar 2018 11:07

Instrument :

MSVOA_X

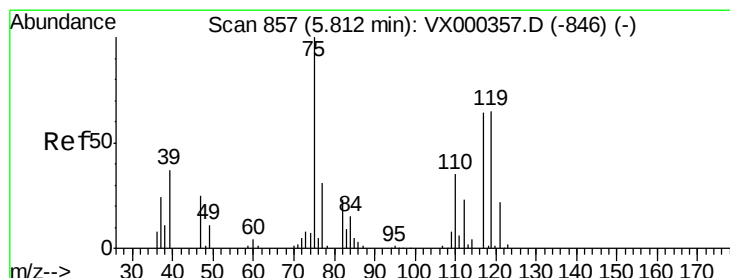
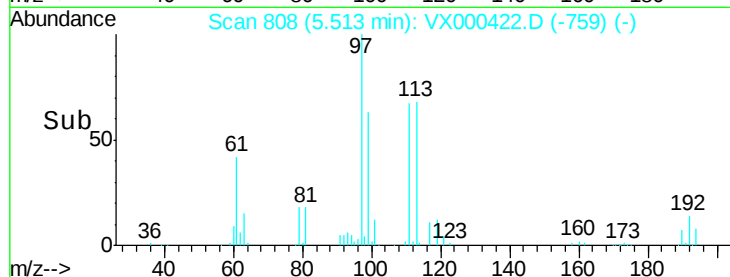
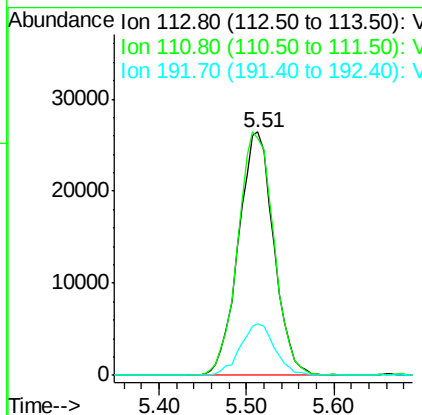
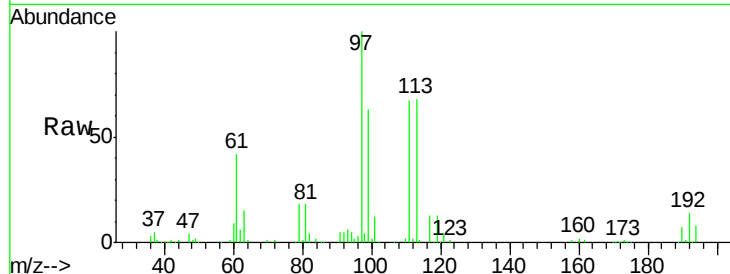
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	73983
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.4	123.6
192	20.8	15.8	23.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 48.87 ug/l

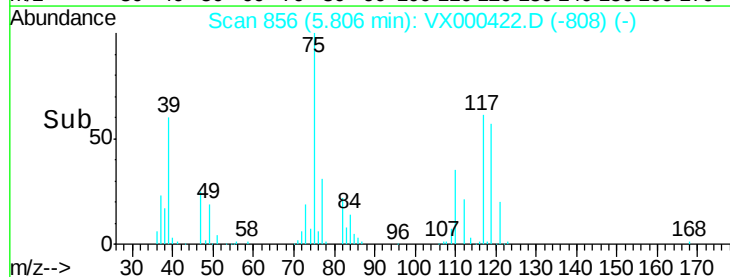
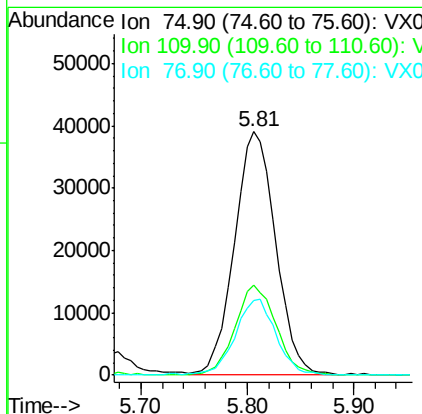
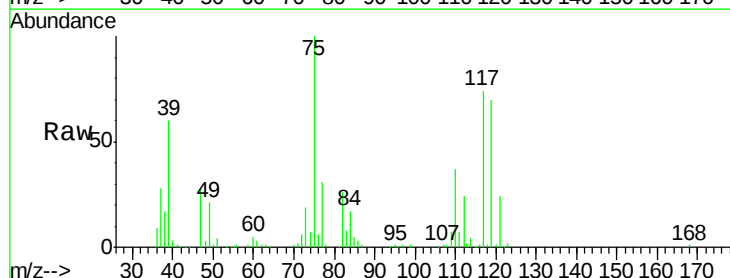
RT: 5.81 min Scan# 856

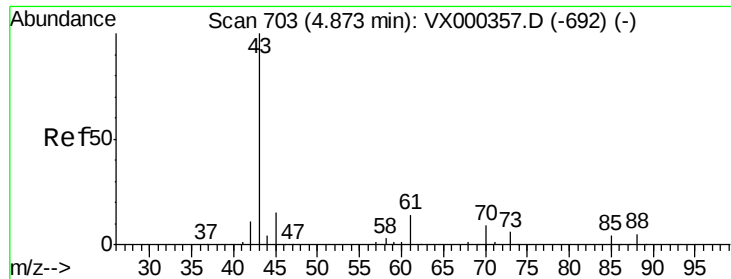
Delta R.T. -0.01 min

Lab File: VX000422.D

Acq: 23 Mar 2018 11:07

Tgt Ion:	75	Resp:	105277
Ion	Ratio	Lower	Upper
75	100		
110	37.0	17.9	53.7
77	31.0	24.0	36.0





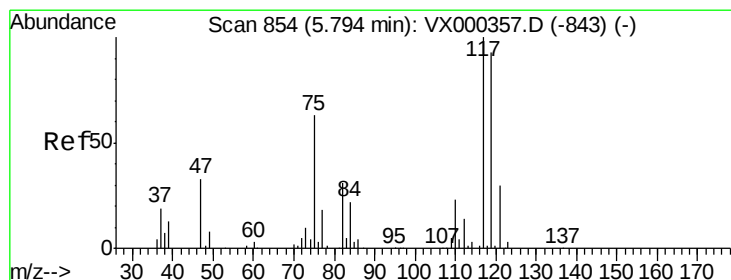
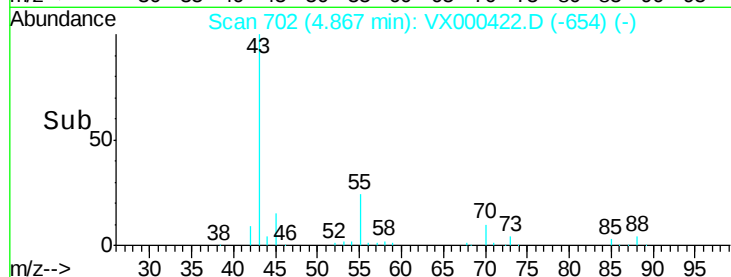
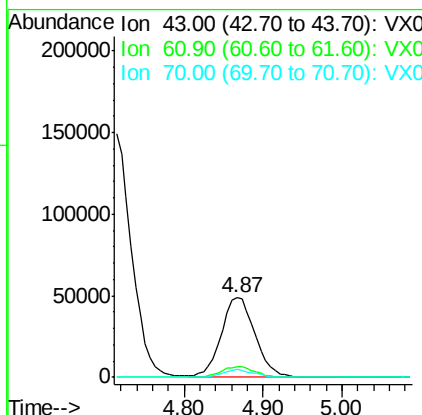
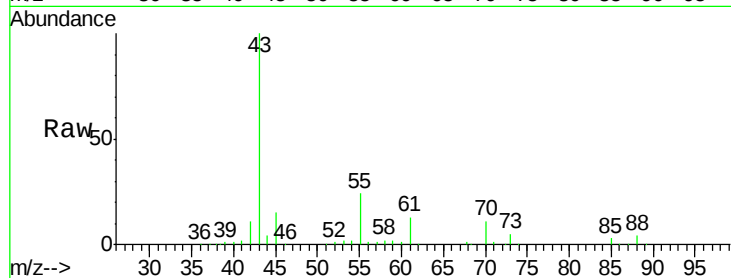
#37
Ethyl Acetate
Concen: 49.34 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX000422.D
Acq: 23 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.1	16.7
70	9.1	7.7	11.5

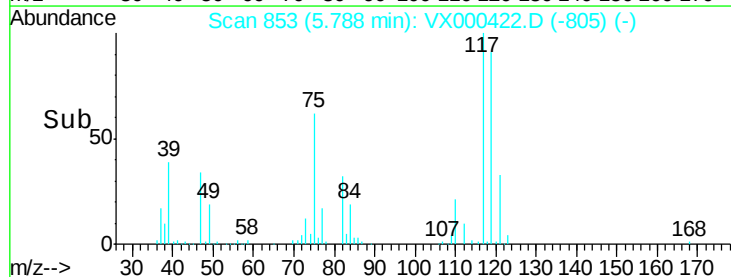
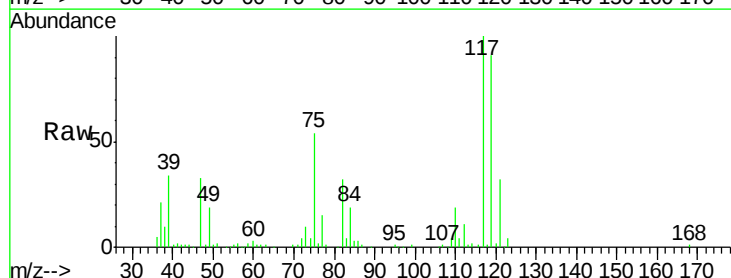
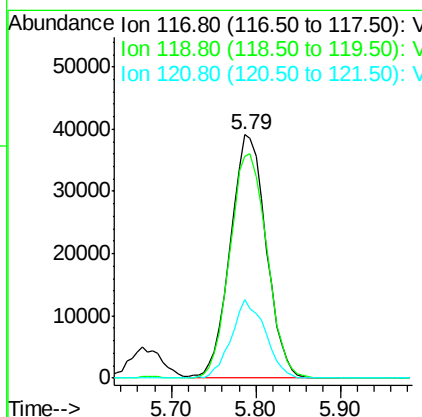
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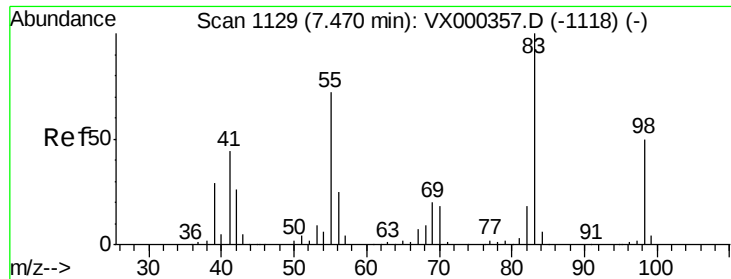
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#38
Carbon Tetrachloride
Concen: 49.96 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000422.D
Acq: 23 Mar 2018 11:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.9	77.4	116.2
121	32.4	24.8	37.2





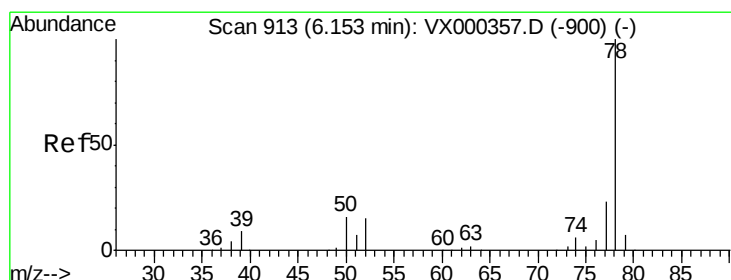
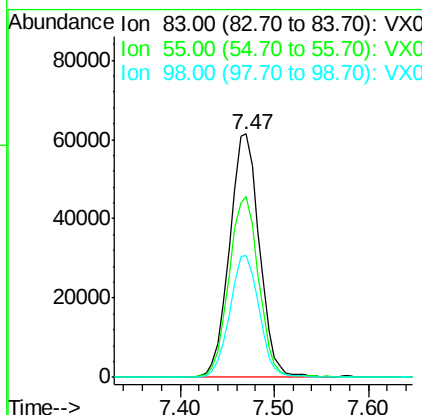
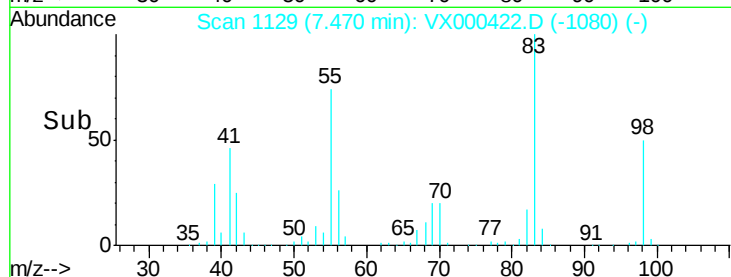
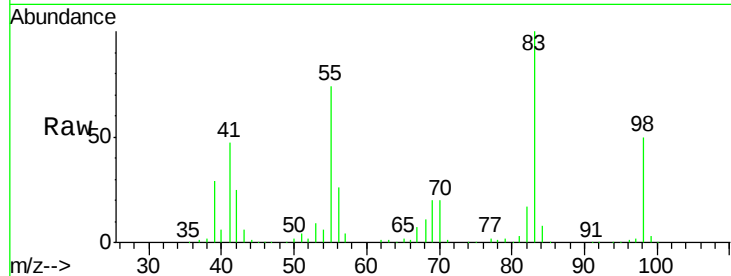
#39
Methvlcvclohexane
Concen: 51.90 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000422.D
Acq: 23 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.2	55.5	83.3
98	49.9	38.2	57.4

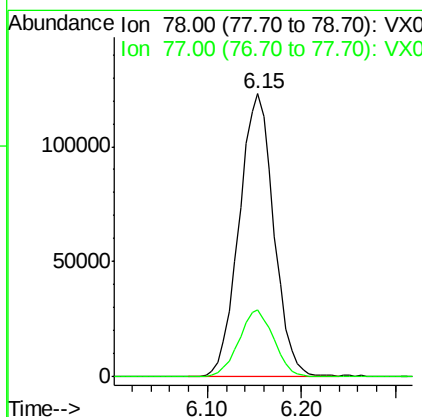
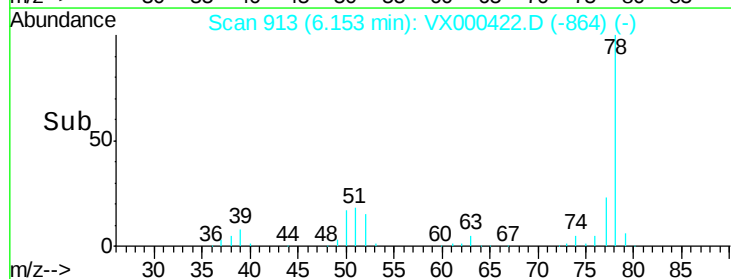
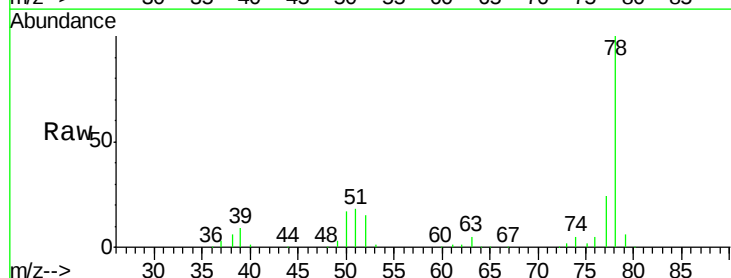
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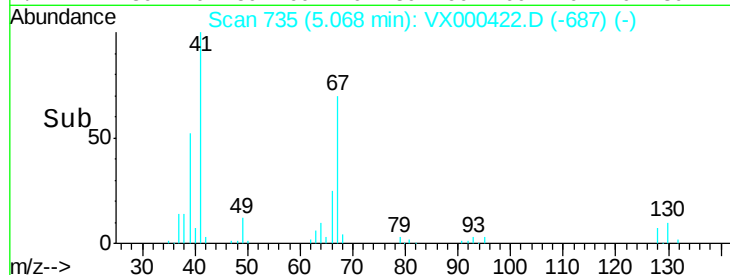
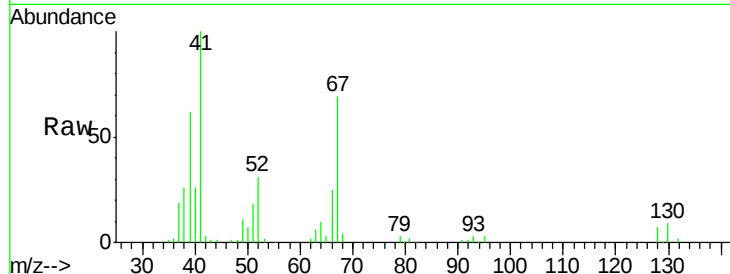
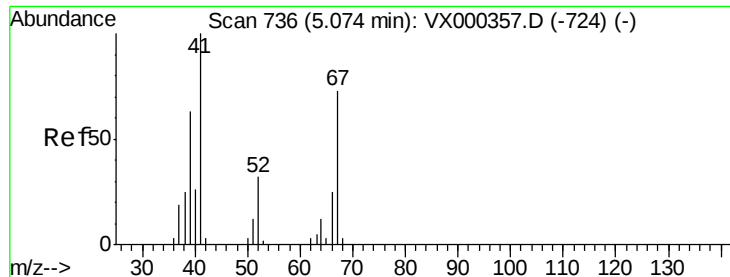
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#40
Benzene
Concen: 50.79 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000422.D
Acq: 23 Mar 2018 11:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.7	28.1





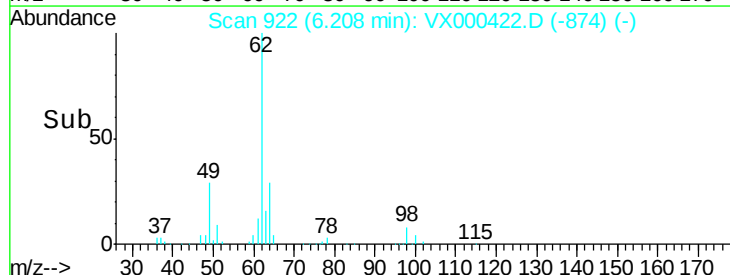
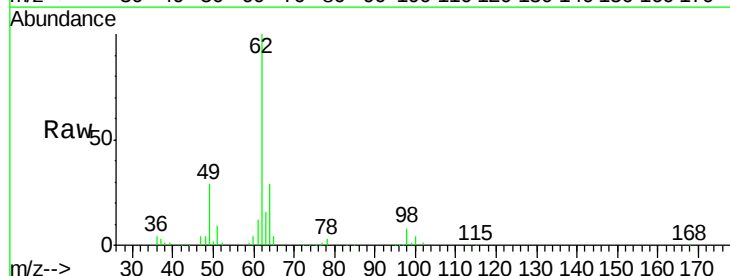
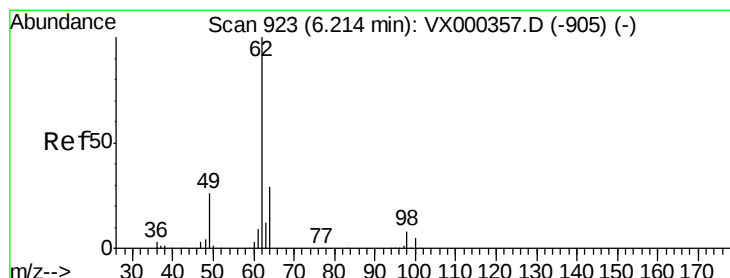
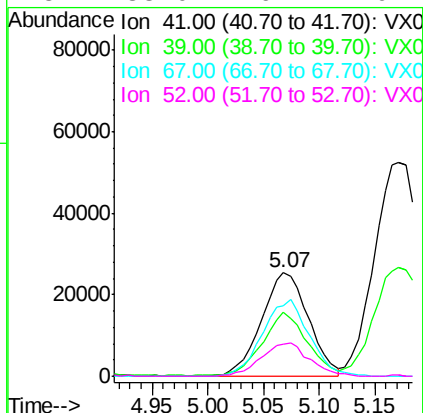
#41
Methacrylonitrile
Concen: 48.27 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000422.D
Acq: 23 Mar 2018 11:07

Tot Ion:	41	Resp:	74891
Ion	Ratio	Lower	Upper
41	100		
39	58.0	45.7	68.5
67	73.3	57.8	86.8
52	33.0	26.7	40.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

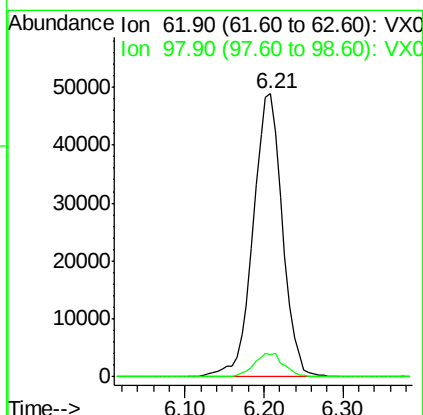
Manual Integrations
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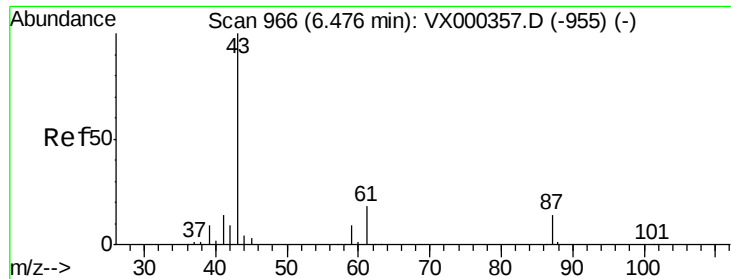
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#42
1,2-Dichloroethane
Concen: 51.44 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.01 min
Lab File: VX000422.D
Acq: 23 Mar 2018 11:07

Tgt Ion:	62	Resp:	126263
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	15.8





#43

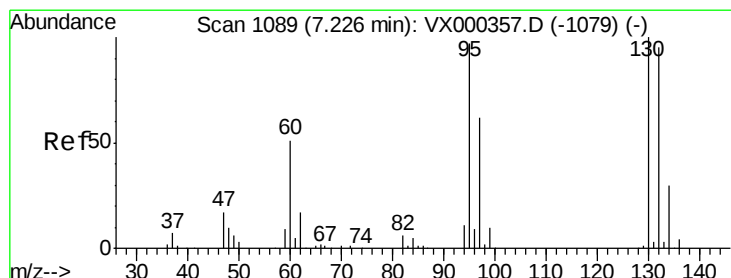
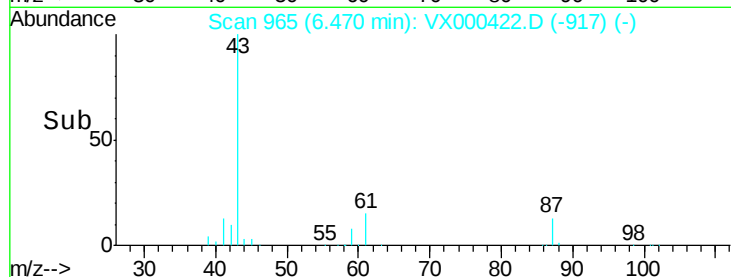
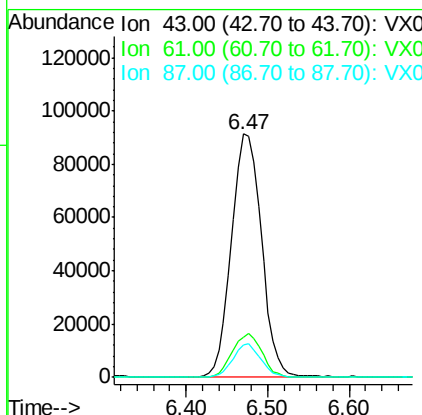
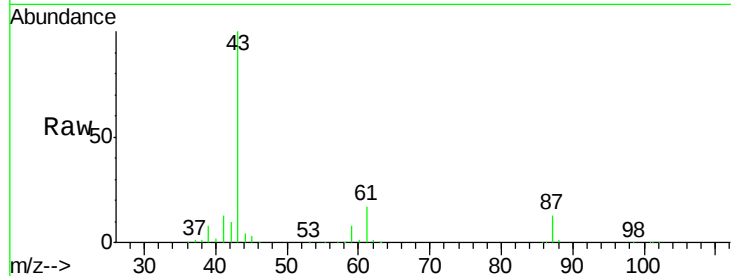
Isopropyl Acetate
 Concen: 53.44 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX000422.D
 Acq: 23 Mar 2018 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	43	Resp:	234068
Ion	Ratio	Lower	Upper
43	100		
61	17.9	14.4	21.6
87	12.7	11.0	16.4

Manual Integrations
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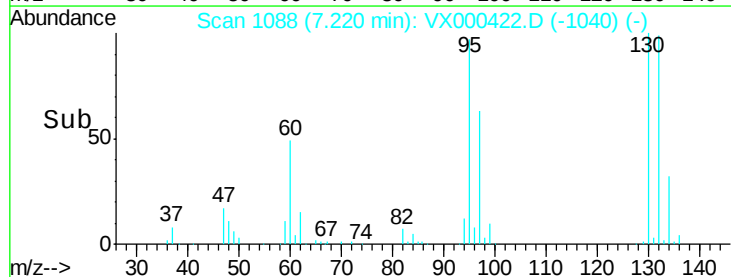
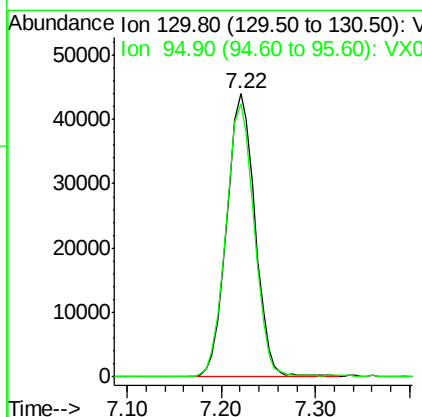
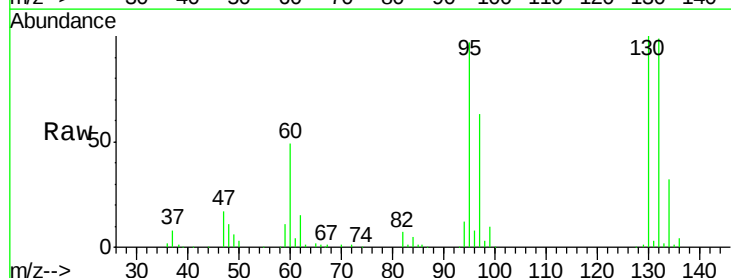
sam
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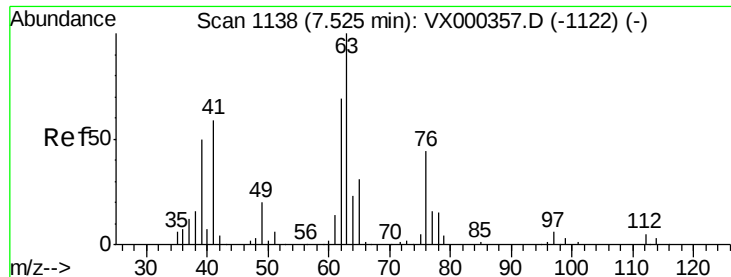


#44

Trichloroethene
 Concen: 51.22 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VX000422.D
 Acq: 23 Mar 2018 11:07

Tgt Ion:	130	Resp:	91806
Ion	Ratio	Lower	Upper
130	100		
95	96.6	0.0	186.0





#45

1,2-Dichloropropane

Concen: 53.03 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX000422.D

Acq: 23 Mar 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 84920

Ion Ratio Lower Upper

63 100

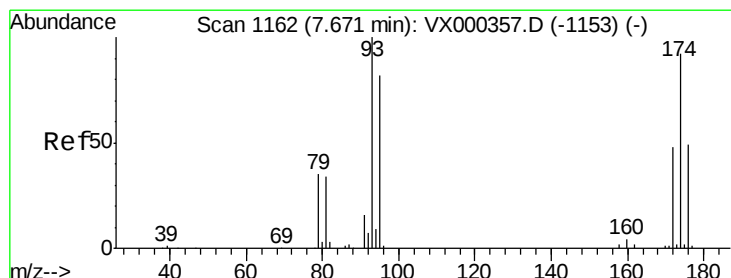
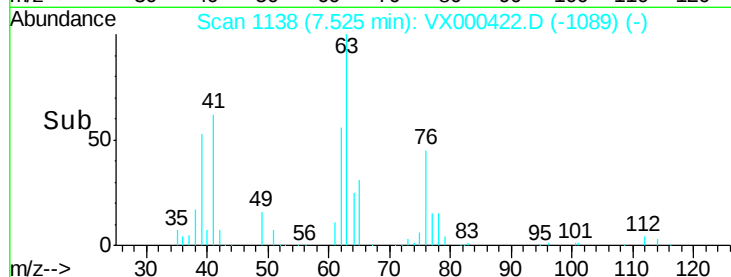
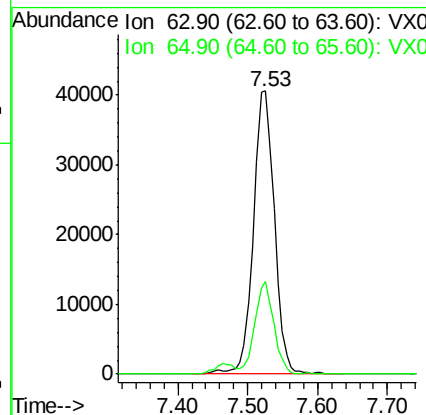
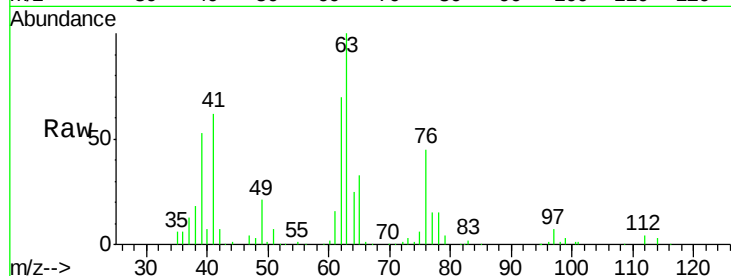
65 32.6 24.6 36.8

Manual Integrations

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sam

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#46

Dibromomethane

Concen: 51.09 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX000422.D

Acq: 23 Mar 2018 11:07

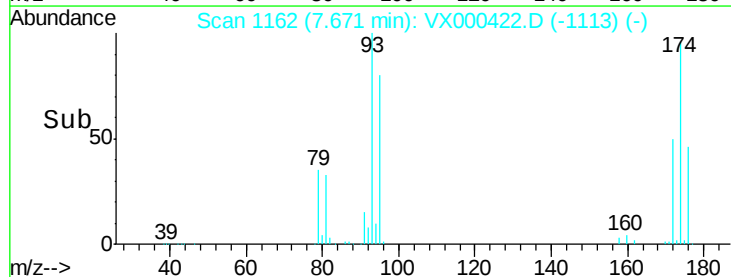
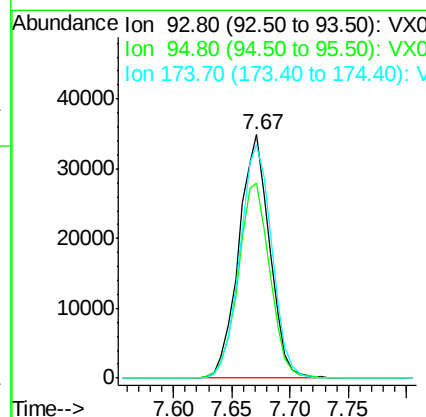
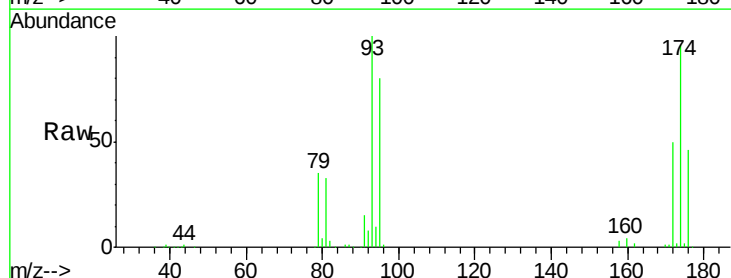
Tgt Ion: 93 Resp: 64225

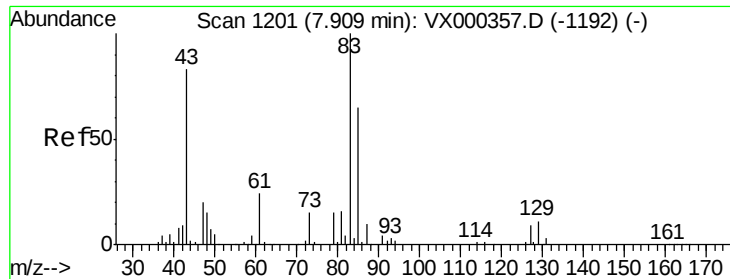
Ion Ratio Lower Upper

93 100

95 82.3 66.5 99.7

174 99.6 76.0 114.0





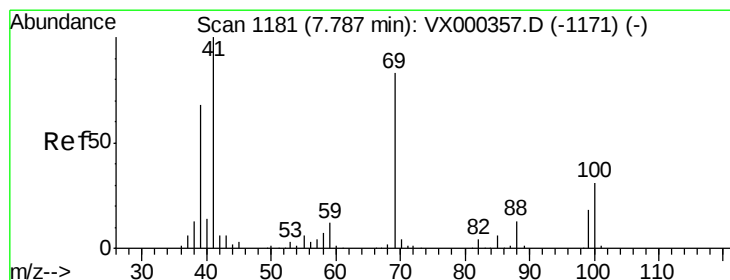
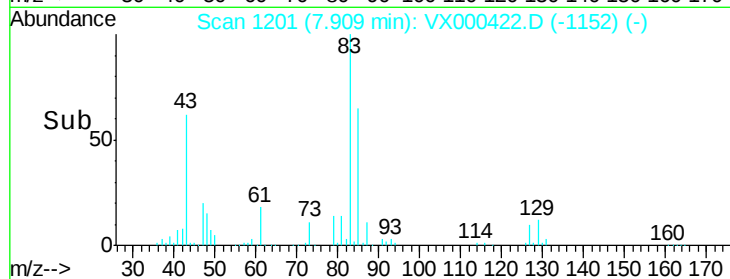
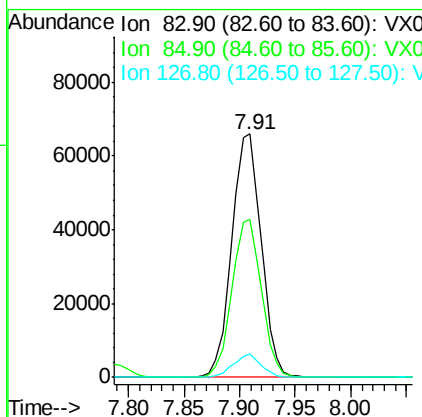
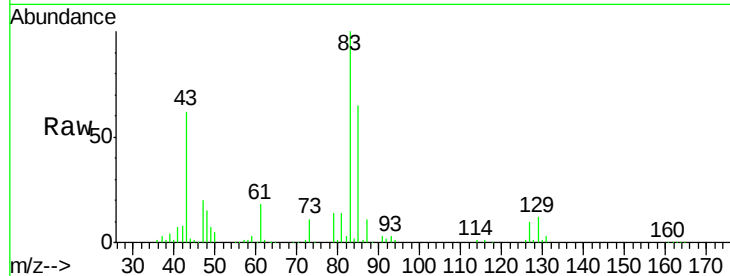
#47
Bromodichloromethane
Concen: 54.70 ug/l
RT: 7.91 min Scan# 1201
Delta R.T. 0.00 min
Lab File: VX000422.D
Acq: 23 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	120971
Ion Ratio	Lower	Upper	
83	100		
85	64.8	51.4	77.0
127	9.6	7.0	10.6

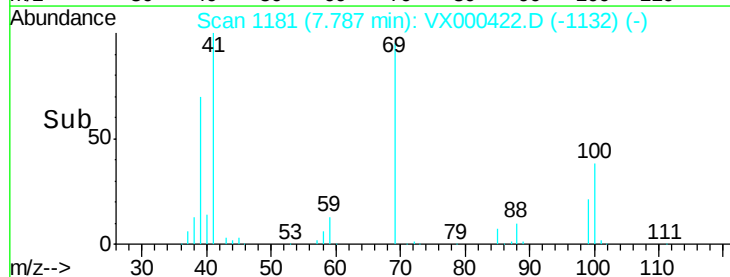
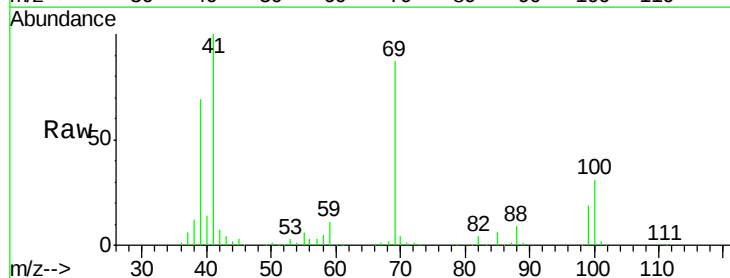
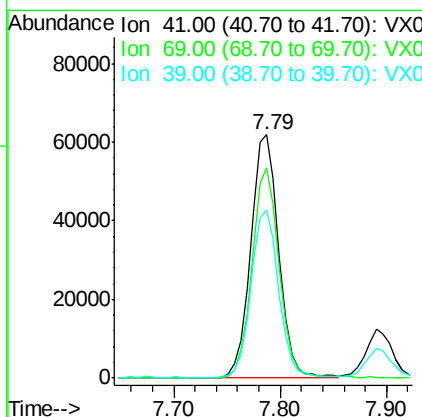
Manual Integrations
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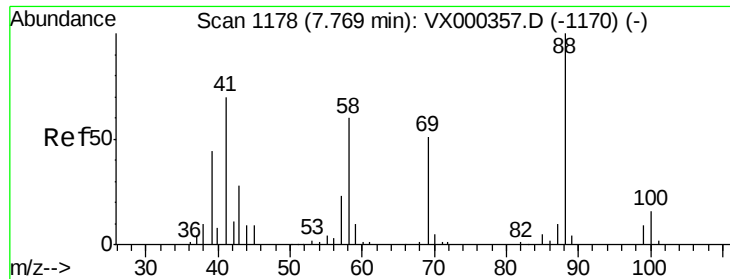
sam
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#48
Methyl methacrylate
Concen: 53.62 ug/l
RT: 7.79 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VX000422.D
Acq: 23 Mar 2018 11:07

Tgt Ion	41	Resp	114037
Ion Ratio	Lower	Upper	
41	100		
69	84.4	68.2	102.4
39	68.2	54.6	81.8





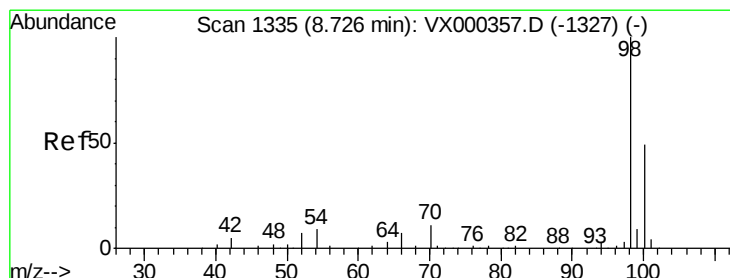
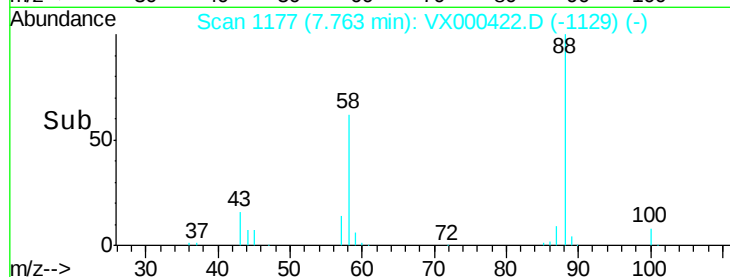
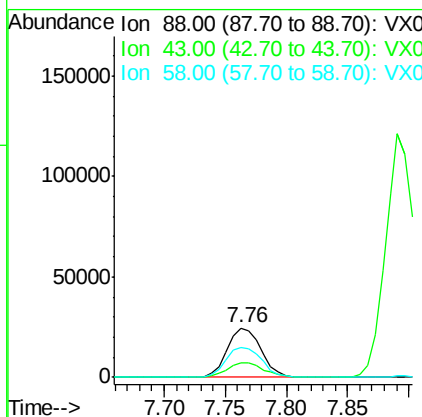
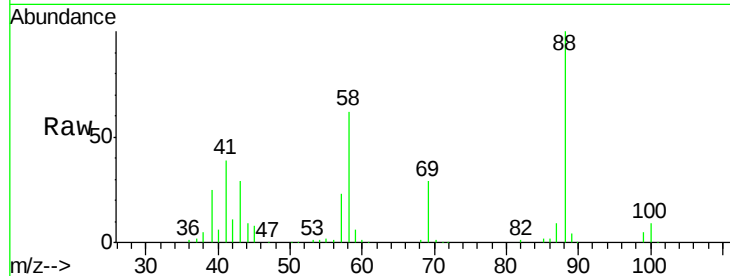
#49
1,4-Dioxane
Concen: 1054.66 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000422.D
Acq: 23 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.1	26.8	40.2
58	65.3	52.2	78.2

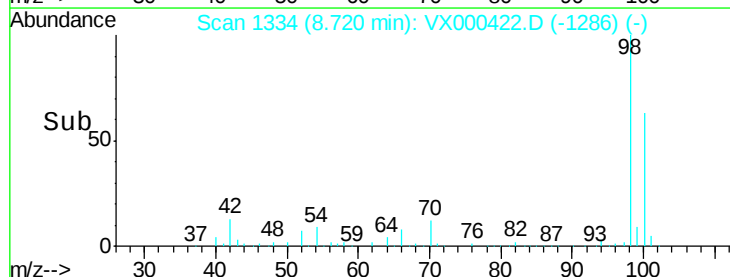
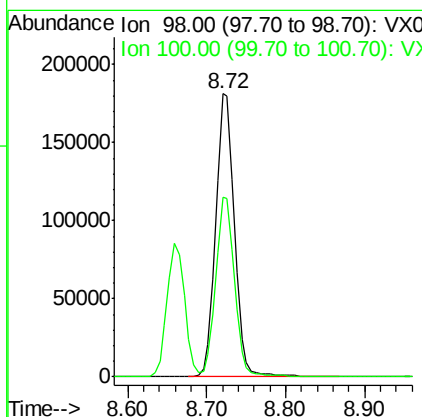
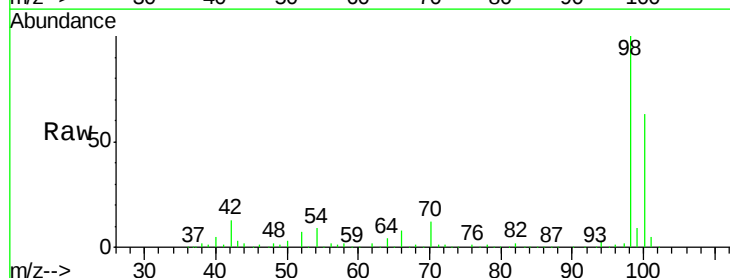
Manual Integrations
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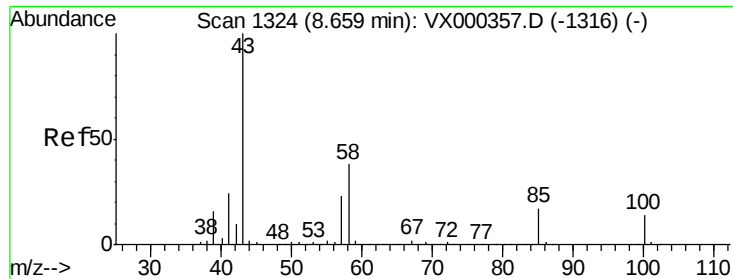
sam
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#50
Toluene-d8
Concen: 50.15 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX000422.D
Acq: 23 Mar 2018 11:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 267.90 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX000422.D

Acq: 23 Mar 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 908358

Ion Ratio Lower Upper

43 100

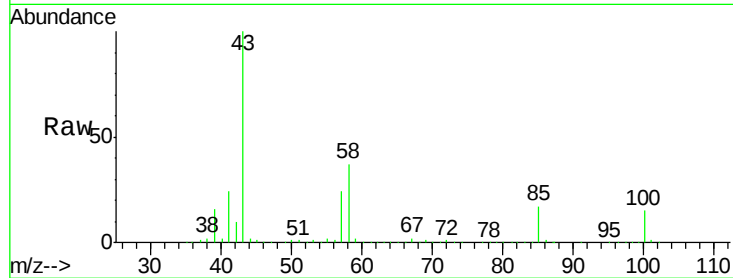
58 37.0 30.3 45.5

Manual Integrations

APPROVED

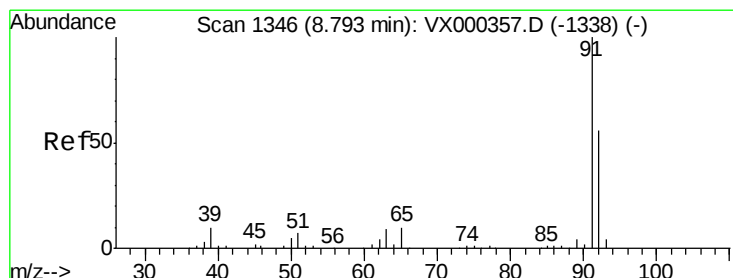
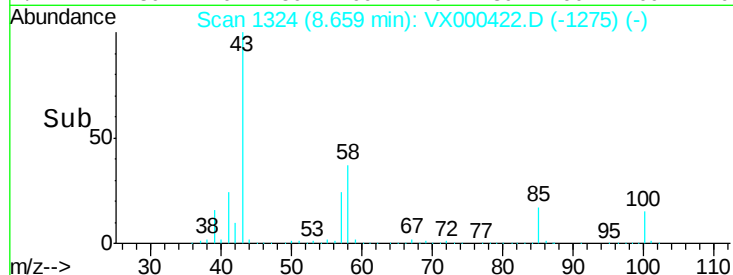
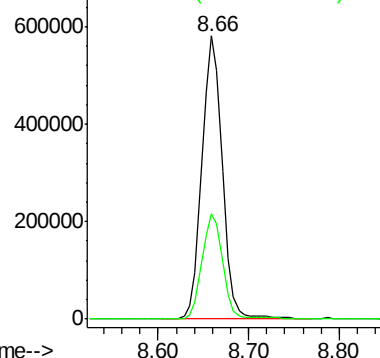
sam

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.84 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000422.D

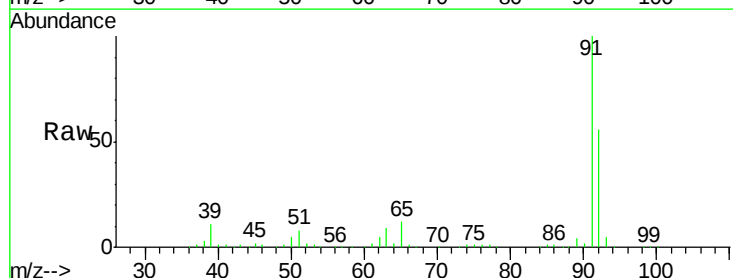
Acq: 23 Mar 2018 11:07

Tgt Ion: 92 Resp: 222372

Ion Ratio Lower Upper

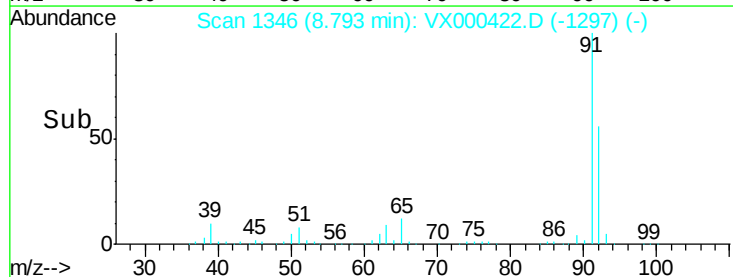
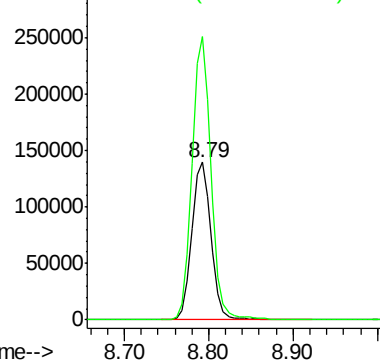
92 100

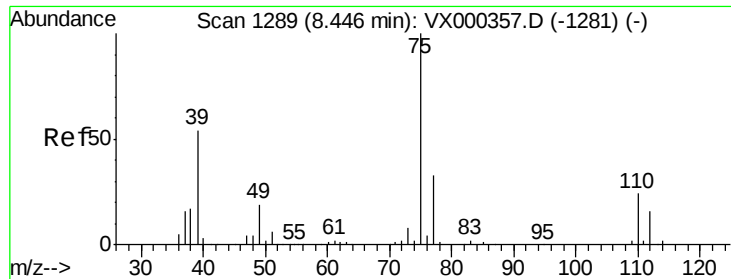
91 175.9 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





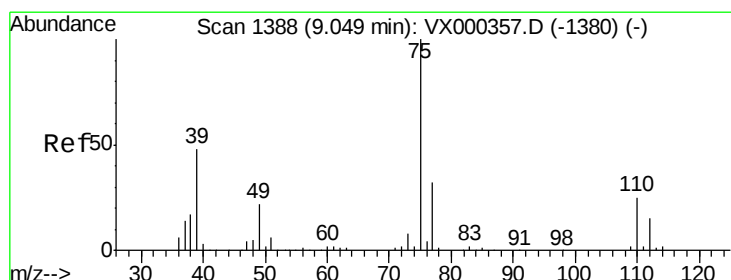
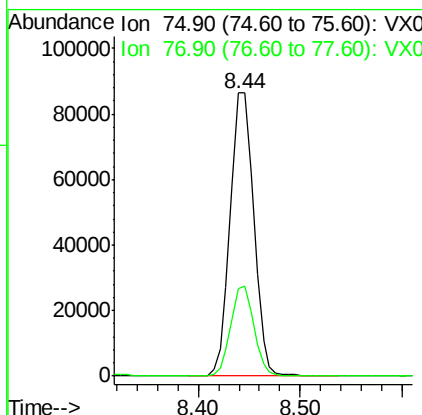
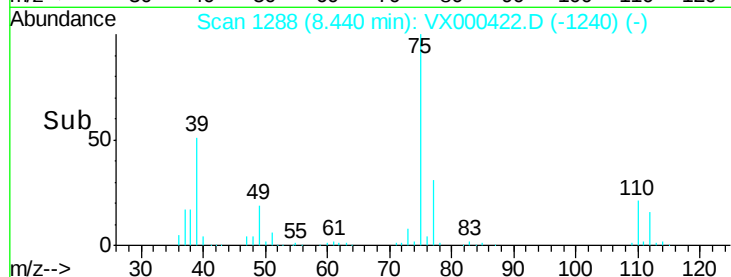
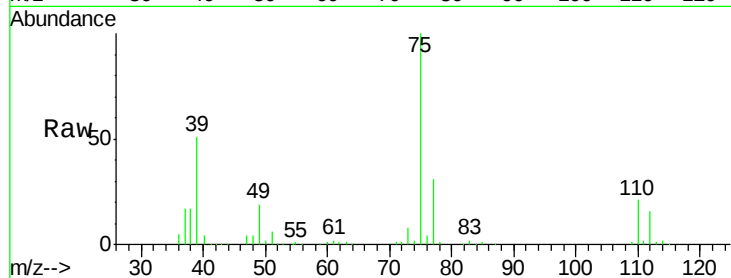
#53
t-1,3-Dichloropropene
Concen: 54.07 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VX000422.D
Acq: 23 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 138571
Ion Ratio Lower Upper
75 100
77 30.9 24.0 36.0

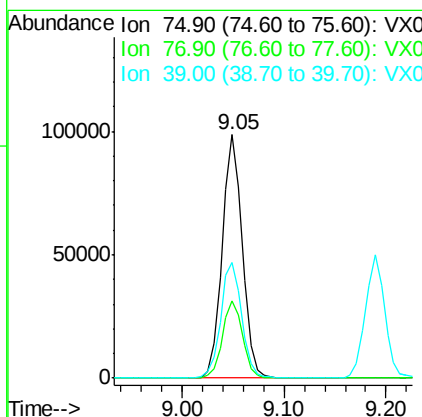
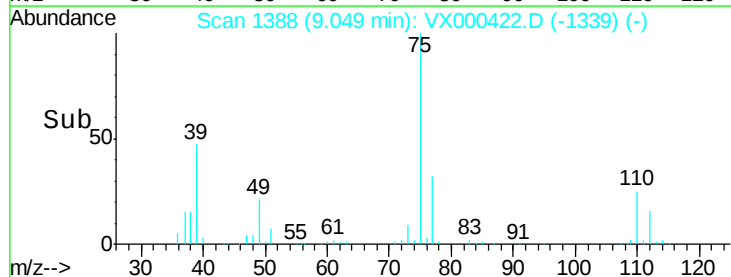
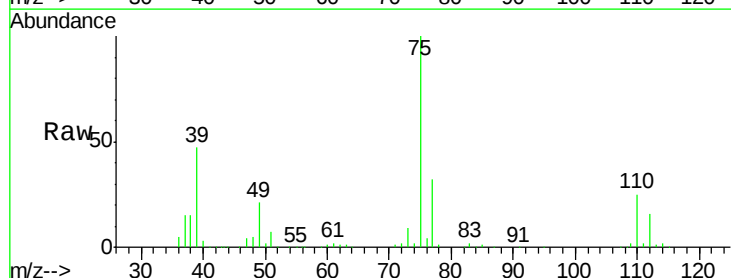
Manual Integrations
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#54
cis-1,3-Dichloropropene
Concen: 54.48 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX000422.D
Acq: 23 Mar 2018 11:07

Tgt Ion: 75 Resp: 135439
Ion Ratio Lower Upper
75 100
77 31.9 26.1 39.1
39 47.2 39.8 59.6





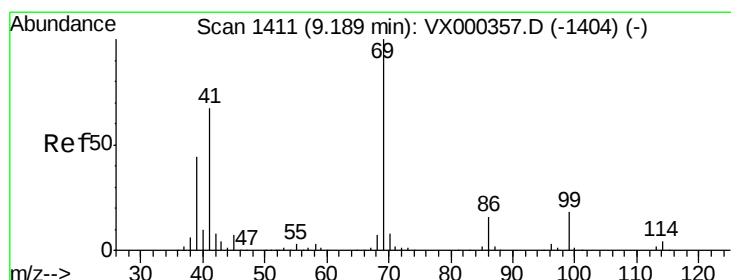
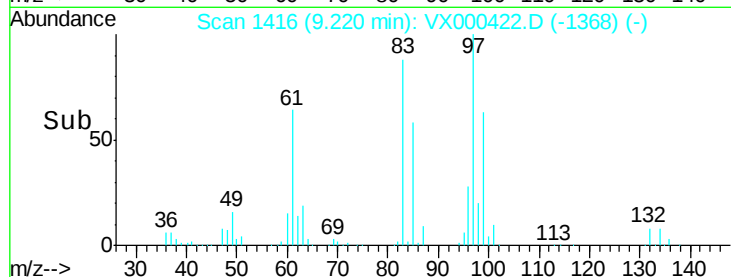
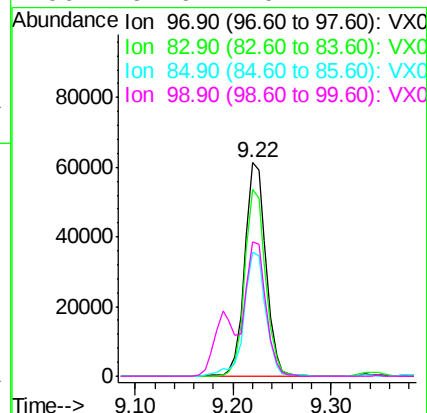
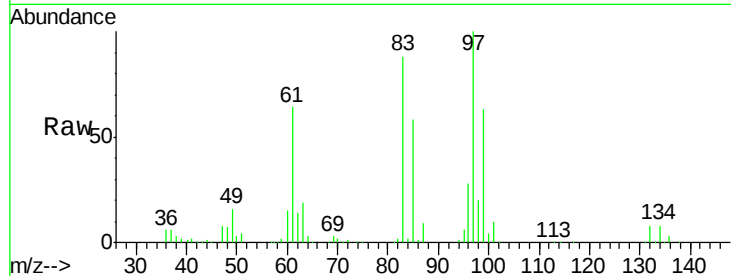
#55
 1,1,2-Trichloroethane
 Concen: 51.10 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: VX000422.D
 Acq: 23 Mar 2018 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	91910
Ion	Ratio	Lower	Upper
97	100		
83	87.8	67.9	101.9
85	58.1	42.8	64.2
99	62.9	49.4	74.2

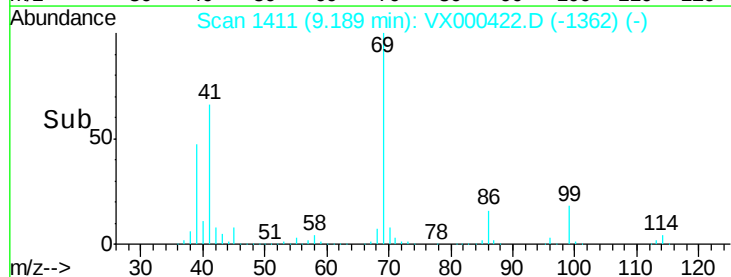
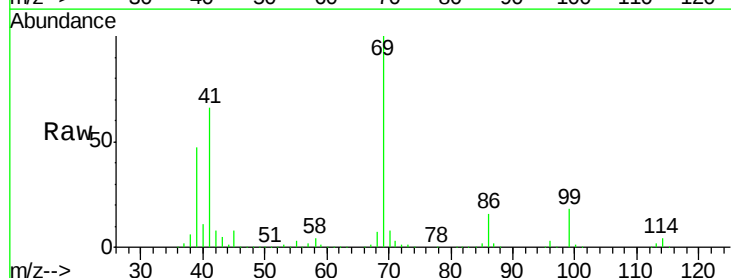
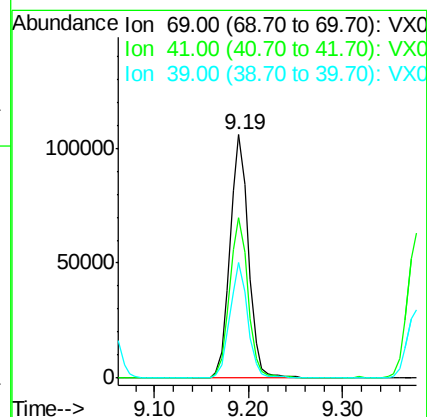
Manual Integrations
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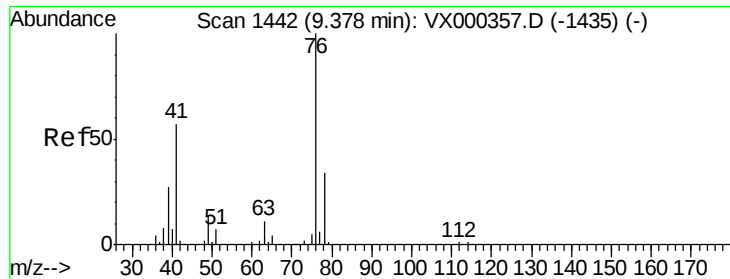
sam
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#56
 Ethyl methacrylate
 Concen: 52.83 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000422.D
 Acq: 23 Mar 2018 11:07

Tgt Ion:	69	Resp:	143981
Ion	Ratio	Lower	Upper
69	100		
41	65.8	53.0	79.6
39	45.3	35.3	52.9





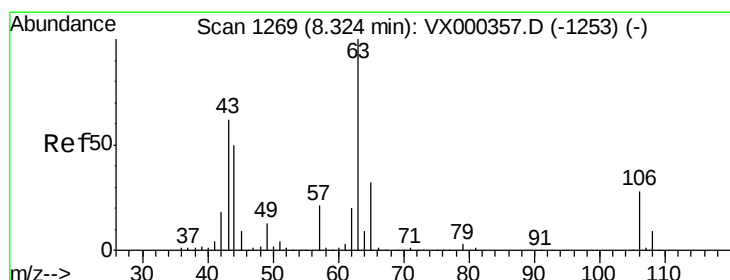
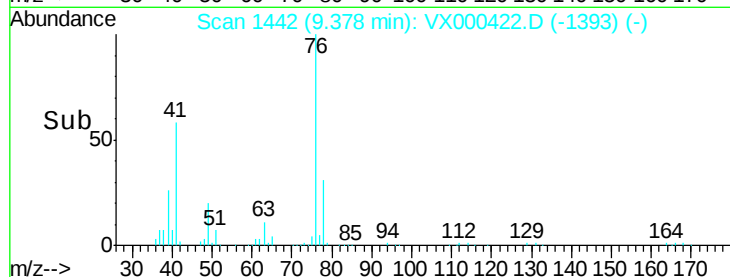
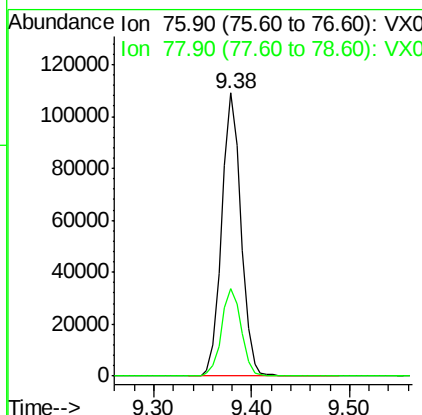
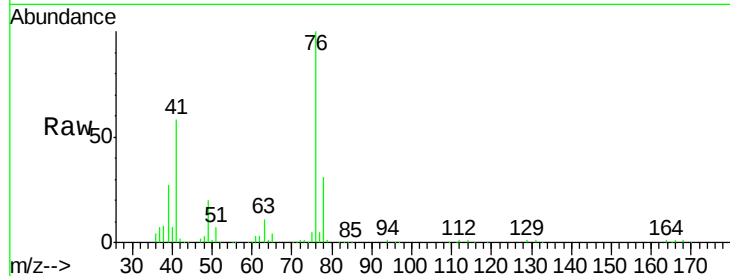
#57
 1,3-Dichloropropane
 Concen: 52.08 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000422.D
 Acq: 23 Mar 2018 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 149823
 Ion Ratio Lower Upper
 76 100
 78 31.7 26.4 39.6

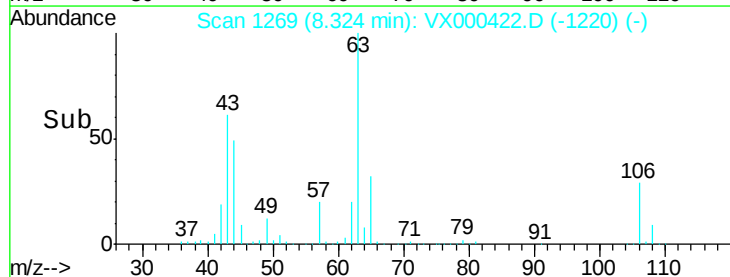
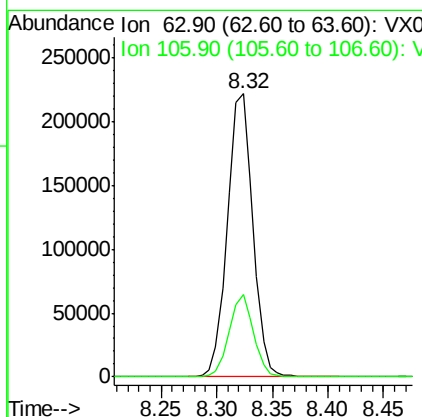
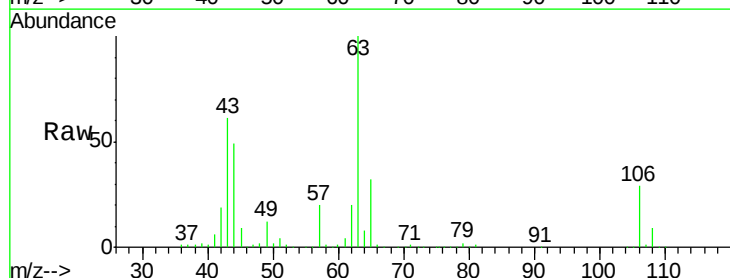
Manual Integrations
 APPROVED

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#58
 2-Chloroethyl Vinyl ether
 Concen: 267.55 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000422.D
 Acq: 23 Mar 2018 11:07

Tgt Ion: 63 Resp: 349966
 Ion Ratio Lower Upper
 63 100
 106 28.1 23.2 34.8





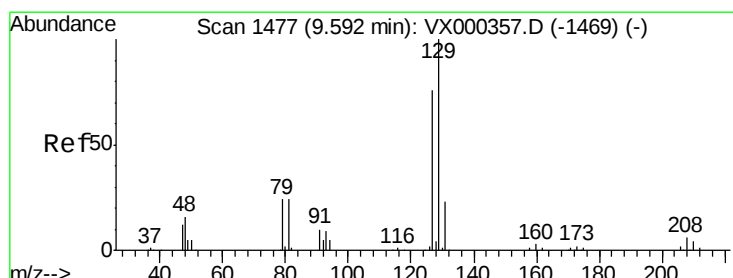
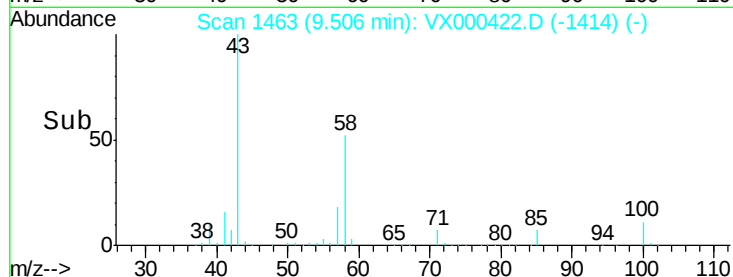
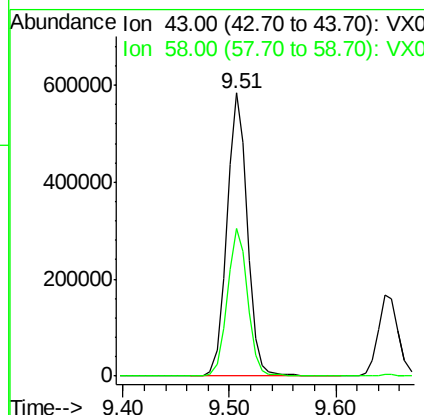
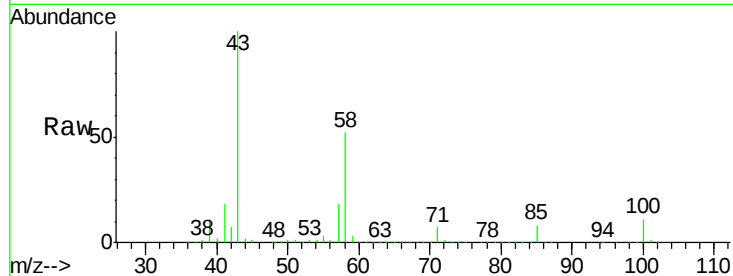
#59
2-Hexanone
Concen: 271.91 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000422.D
Acq: 23 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 782820
Ion Ratio Lower Upper
43 100
58 52.0 26.6 79.7

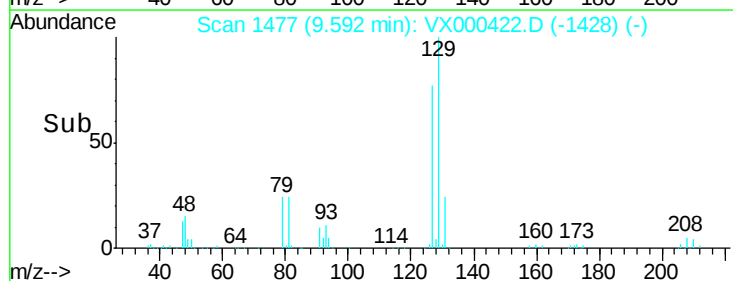
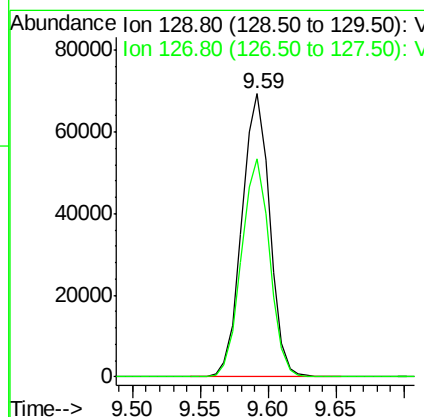
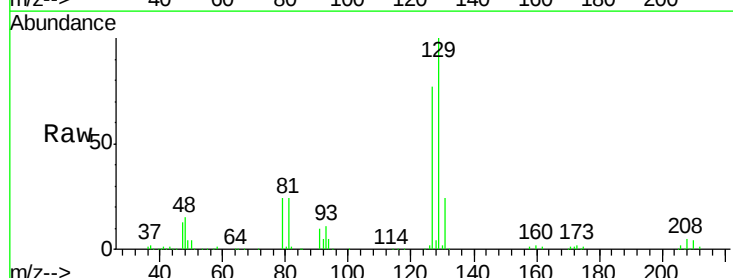
Manual Integrations
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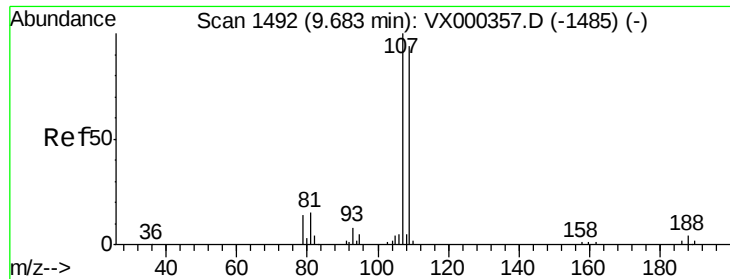
sam
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#60
Dibromochloromethane
Concen: 46.99 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000422.D
Acq: 23 Mar 2018 11:07

Tgt Ion: 129 Resp: 99443
Ion Ratio Lower Upper
129 100
127 77.9 37.9 113.6





#61

1,2-Dibromoethane

Concen: 52.17 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000422.D

Acq: 23 Mar 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 100624

Ion Ratio Lower Upper

107 100

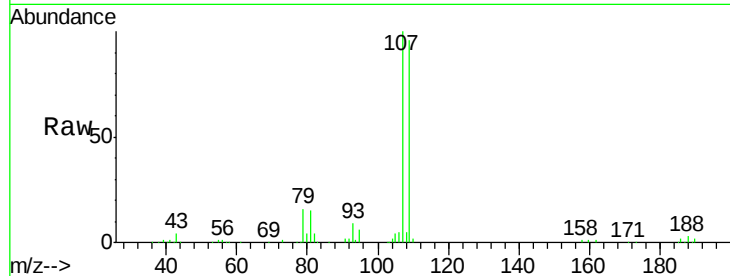
109 94.1 76.1 114.1

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

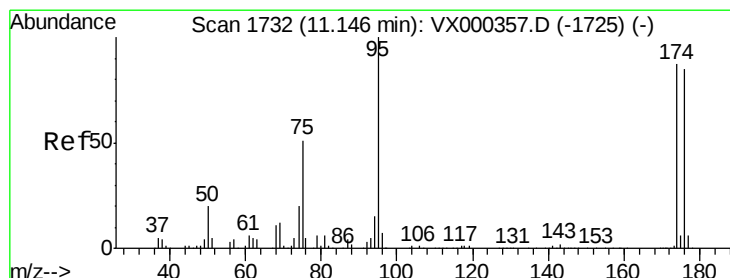
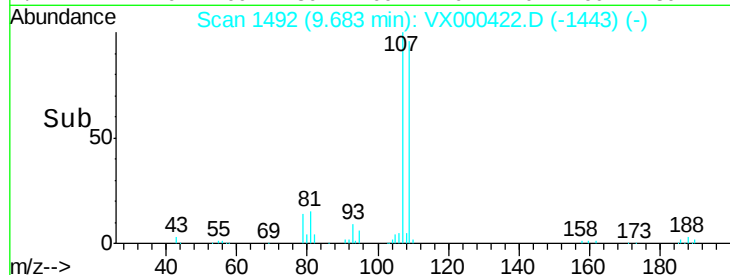
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.04 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000422.D

Acq: 23 Mar 2018 11:07

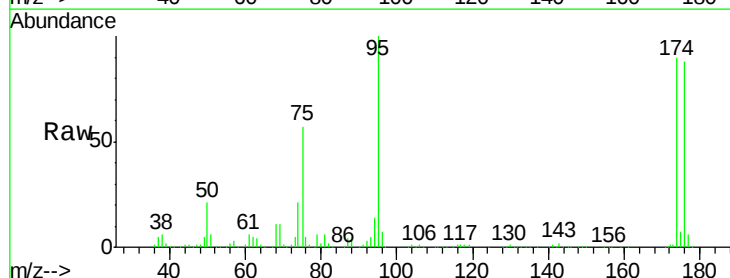
Tgt Ion: 95 Resp: 118261

Ion Ratio Lower Upper

95 100

174 88.0 0.0 173.6

176 84.4 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.15

120000

100000

80000

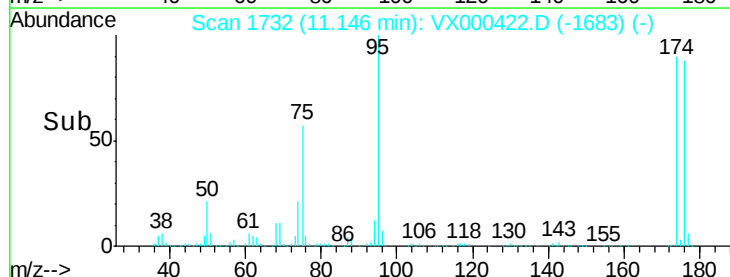
60000

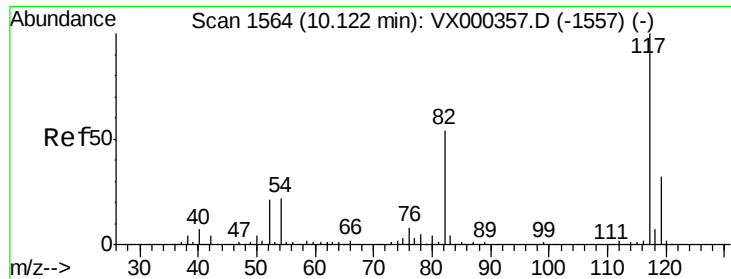
40000

20000

0

Time-->





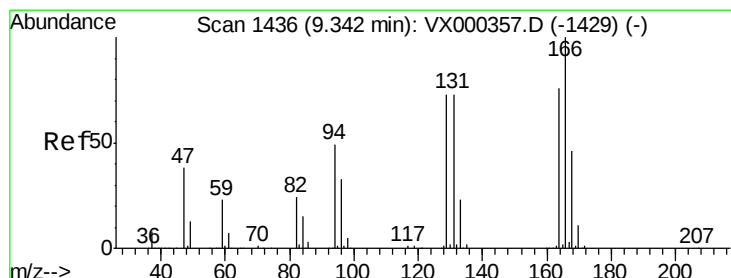
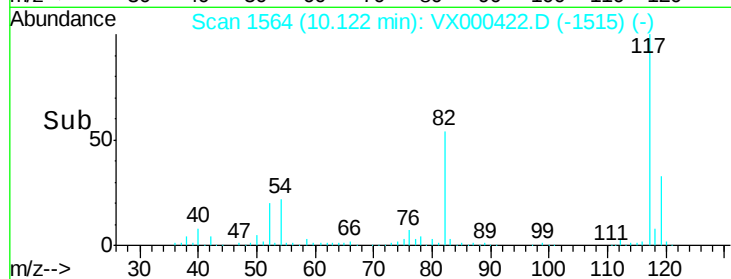
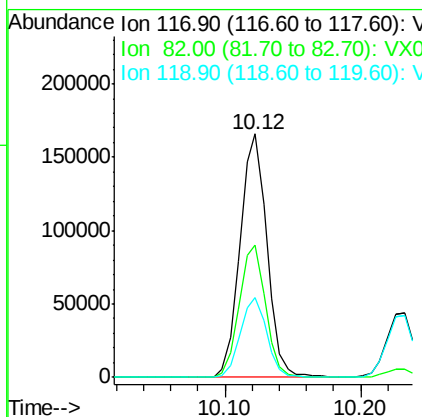
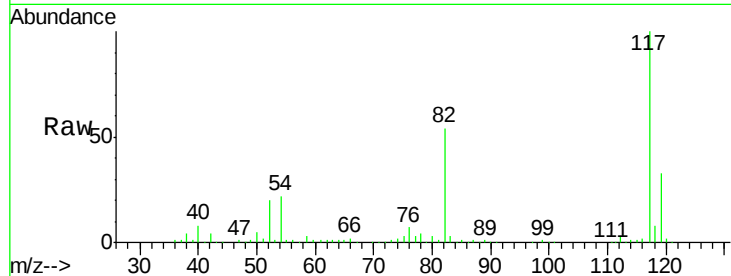
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000422.D
Acq: 23 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.8	65.8
119	32.6	24.9	37.3

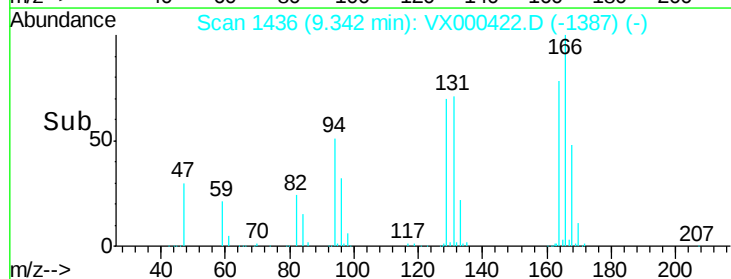
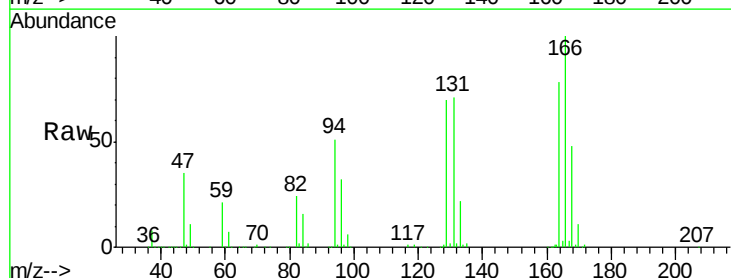
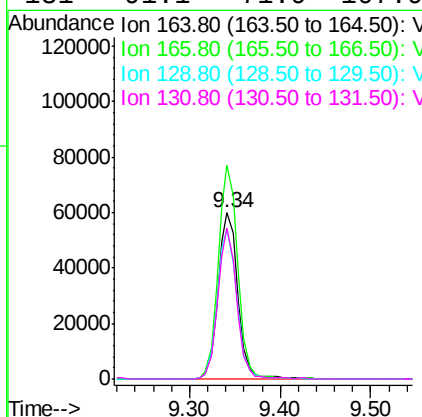
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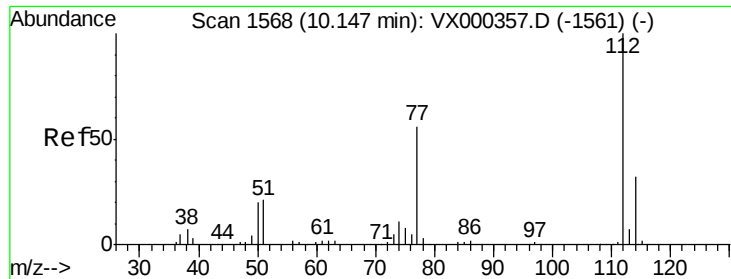
sam
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#64
Tetrachloroethene
Concen: 51.05 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000422.D
Acq: 23 Mar 2018 11:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.5	101.0	151.6
129	90.3	79.0	118.4
131	91.1	71.9	107.9





#65

Chlorobenzene

Concen: 50.90 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX000422.D

Acq: 23 Mar 2018 11:07

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:112 Resp: 258540

Ion Ratio Lower Upper

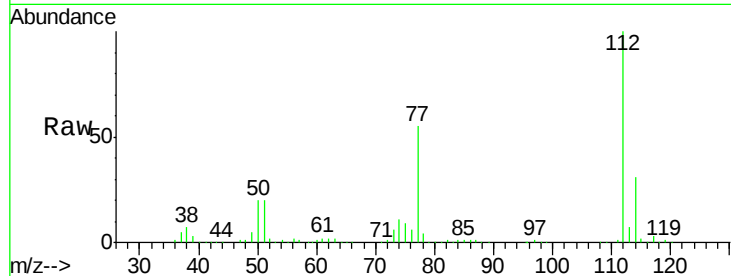
112 100

114 31.4 25.7 38.5

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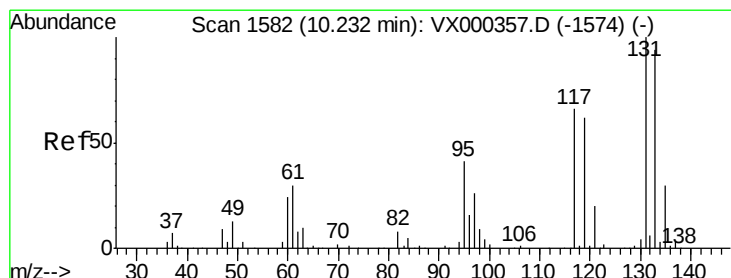
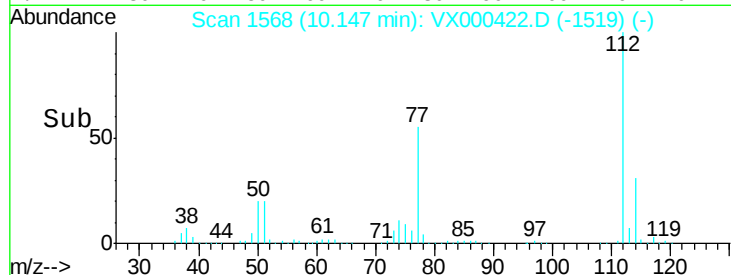
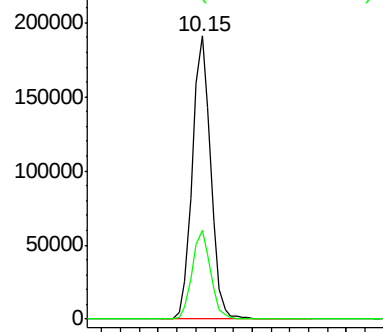
sam

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.75 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000422.D

Acq: 23 Mar 2018 11:07

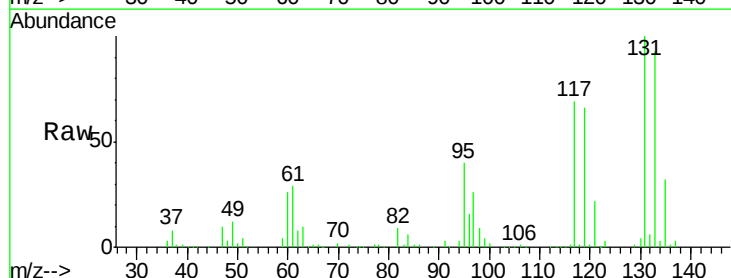
Tgt Ion:131 Resp: 91004

Ion Ratio Lower Upper

131 100

133 95.1 47.1 141.3

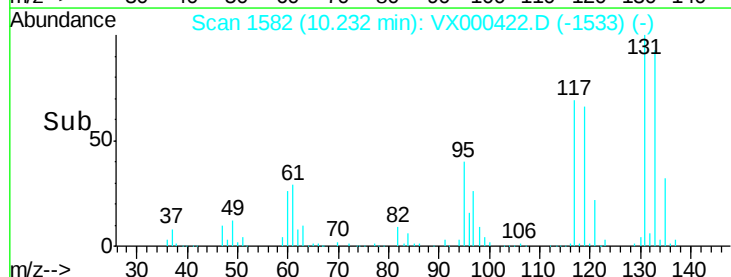
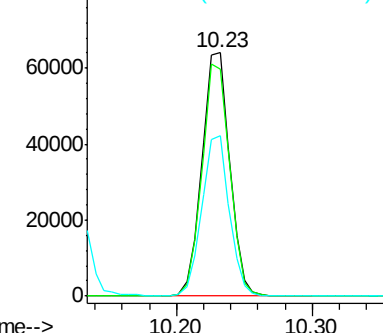
119 65.4 33.1 99.2

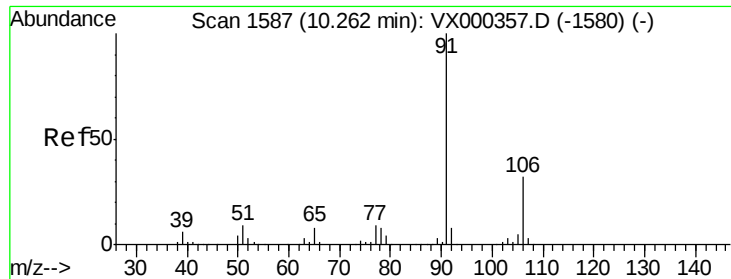


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





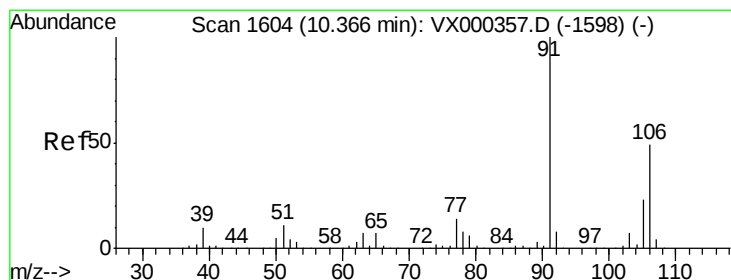
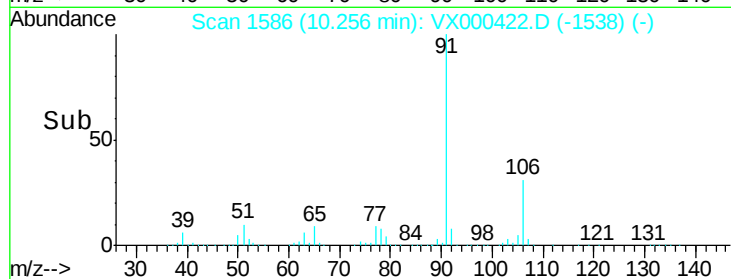
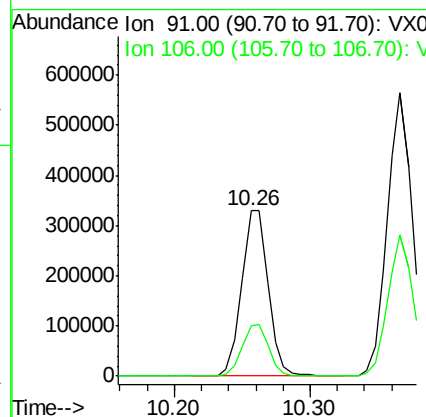
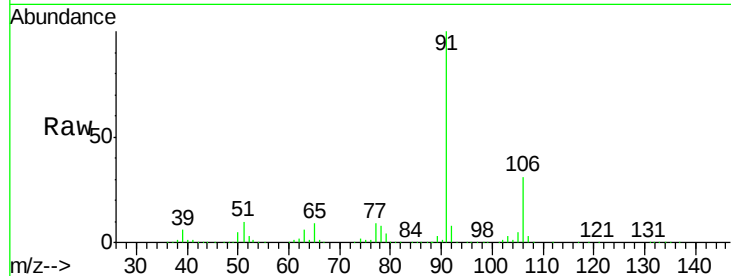
#67
Ethyl Benzene
Concen: 52.26 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000422.D
Acq: 23 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 450060
Ion Ratio Lower Upper
91 100
106 30.7 25.0 37.6

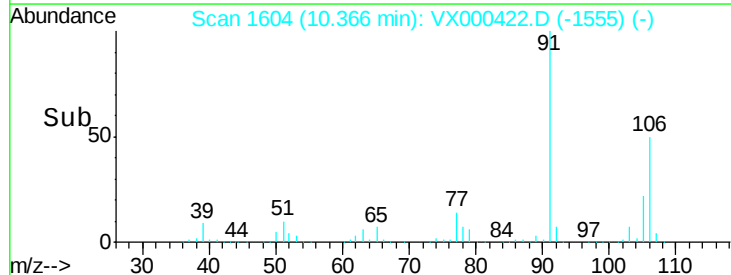
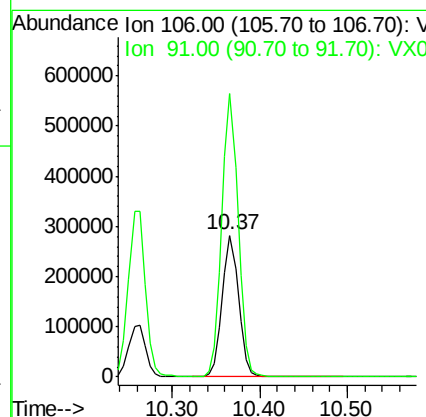
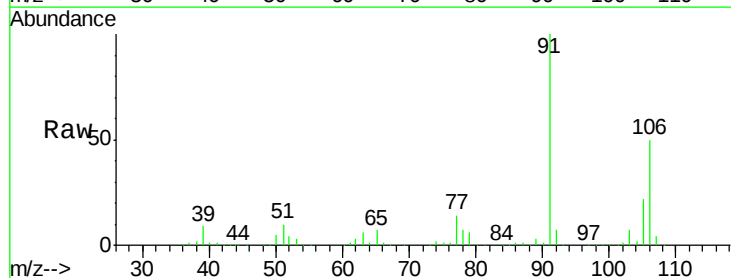
Manual Integrations
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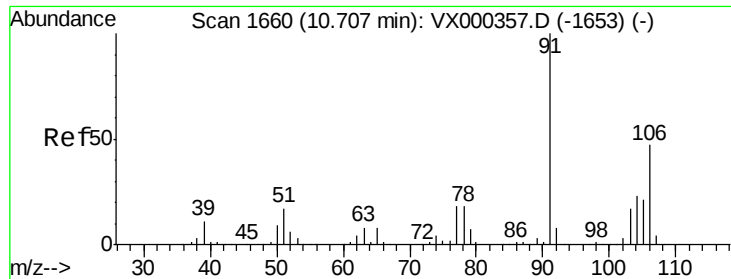
sam
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#68
m/p-Xylenes
Concen: 107.73 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000422.D
Acq: 23 Mar 2018 11:07

Tgt Ion: 106 Resp: 365058
Ion Ratio Lower Upper
106 100
91 200.0 163.4 245.2





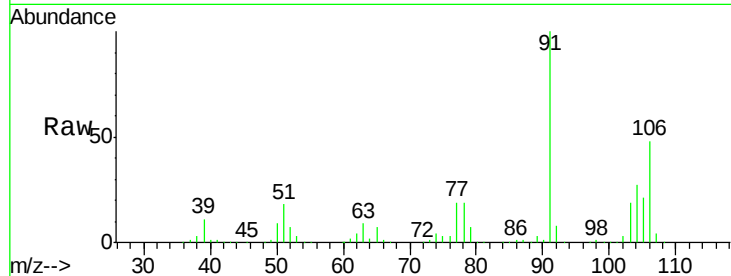
#69
o-Xylene
Concen: 53.33 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000422.D
Acq: 23 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

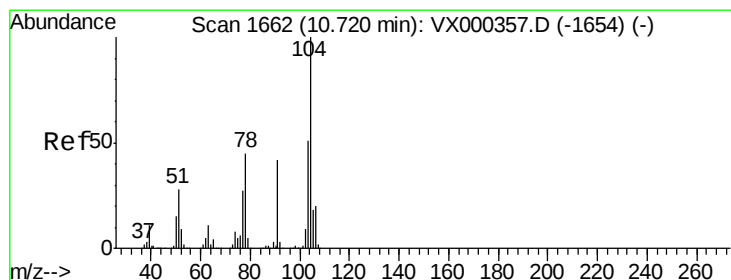
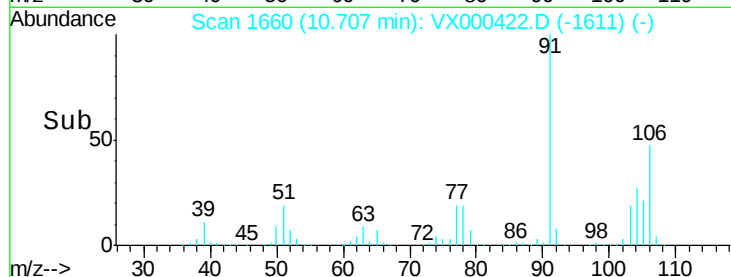
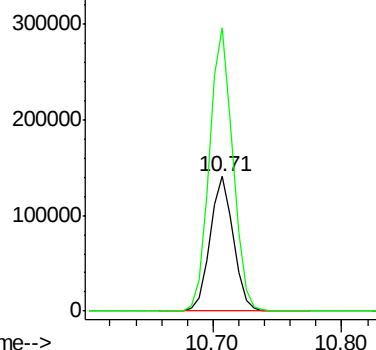
Tot Ion:106 Resp: 174965
Ion Ratio Lower Upper
106 100
91 212.9 106.5 319.6

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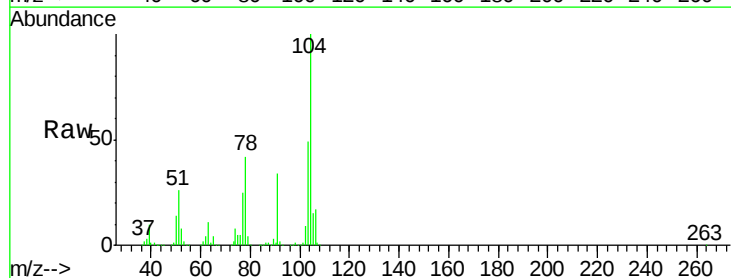


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

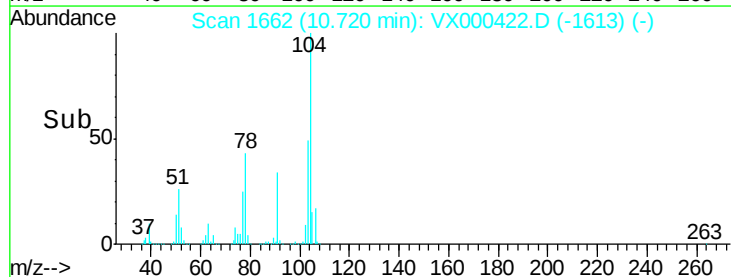
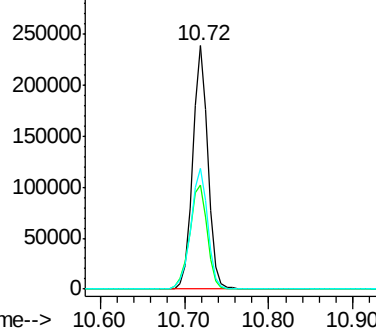


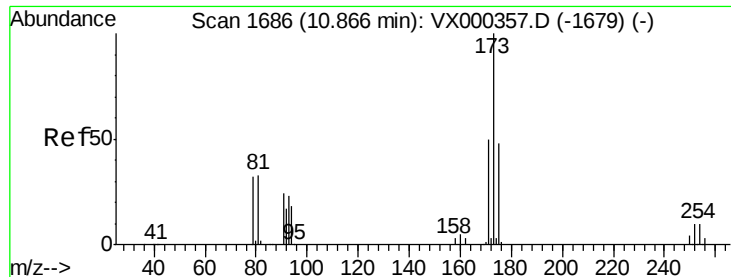
#70
Styrene
Concen: 54.79 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000422.D
Acq: 23 Mar 2018 11:07

Tgt Ion:104 Resp: 297420
Ion Ratio Lower Upper
104 100
78 50.1 40.5 60.7
103 55.5 45.7 68.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





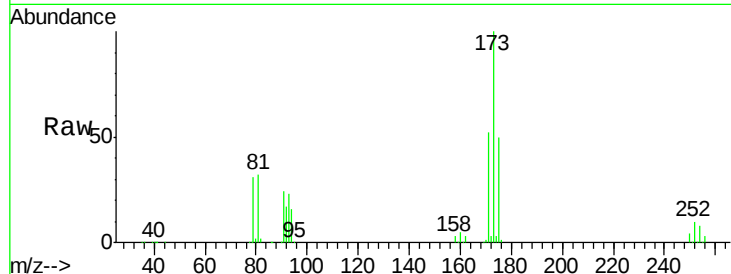
#71
Bromoform
Concen: 45.83 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000422.D
Acq: 23 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	25.4	76.4
254	0.2	0.0	0.0

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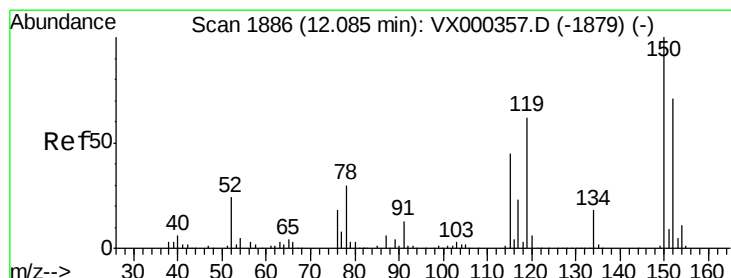
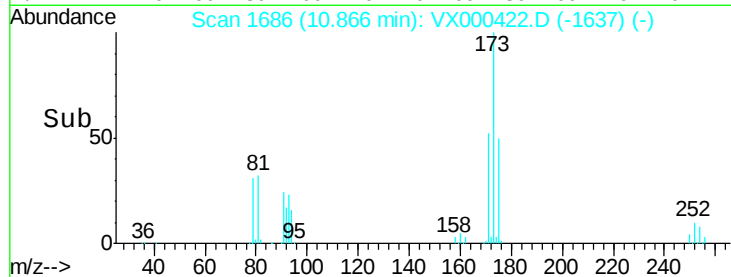
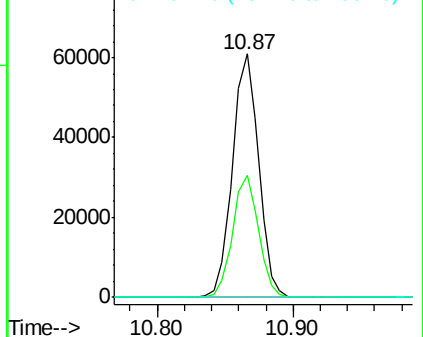


Abundance

Ion 172.70 (172.40 to 173.40): V

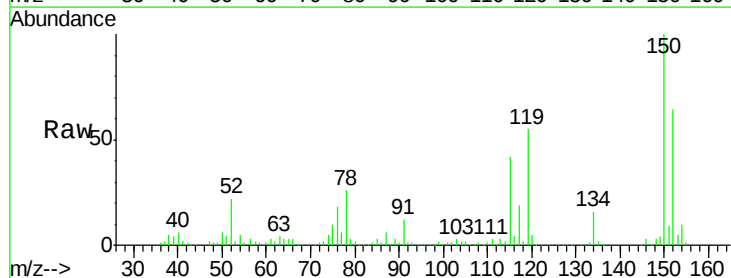
Ion 174.70 (174.40 to 175.40): V

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: VX000422.D
Acq: 23 Mar 2018 11:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	83.0	39.8	119.3
150	174.9	0.0	344.4

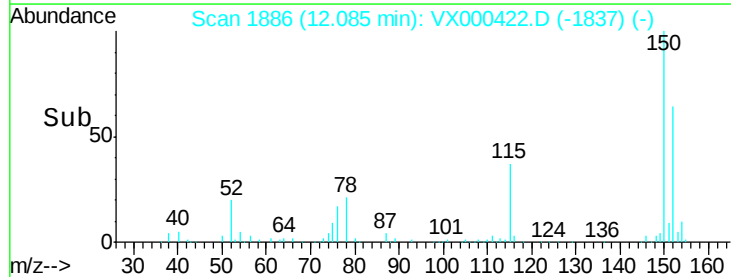
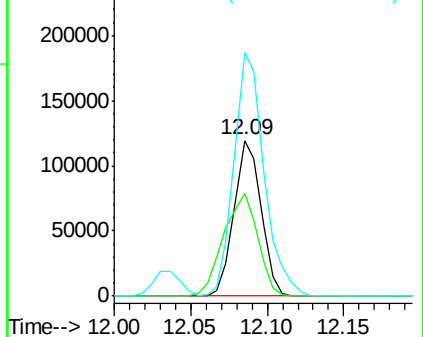


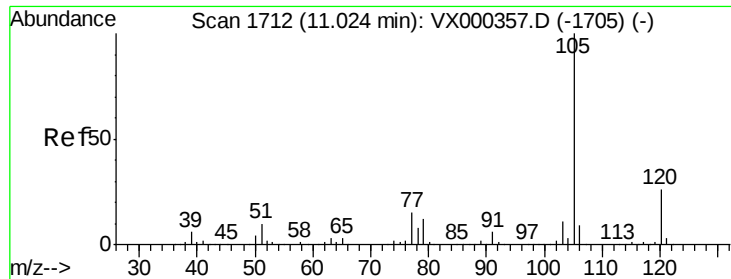
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.34 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000422.D

Acq: 23 Mar 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 489037

Ion Ratio Lower Upper

105 100

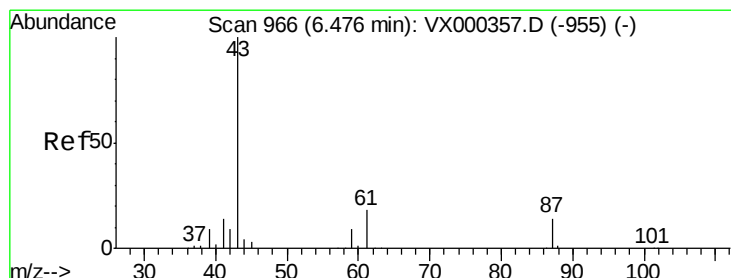
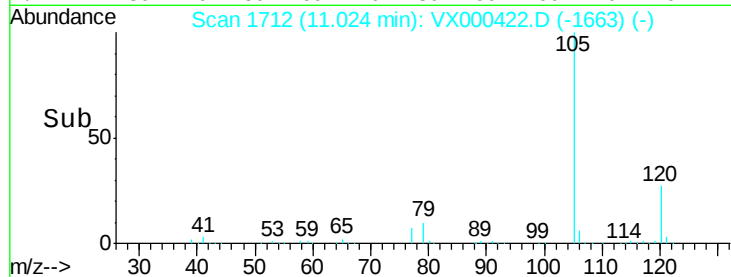
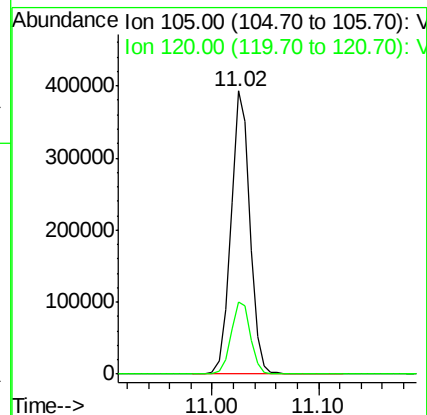
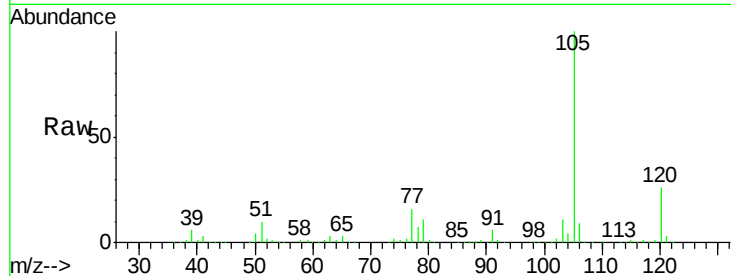
120 26.2 13.6 40.7

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#74

N-ethyl acetate

Concen: 55.65 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000422.D

Acq: 23 Mar 2018 11:07

Tgt Ion: 43 Resp: 234068

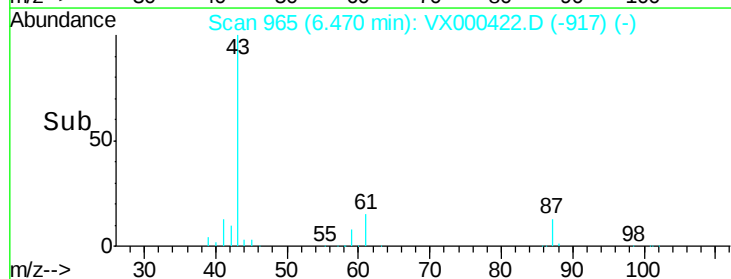
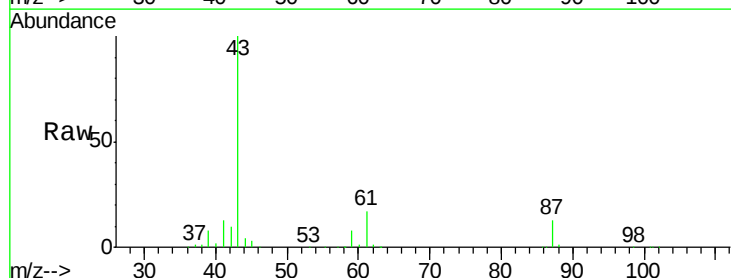
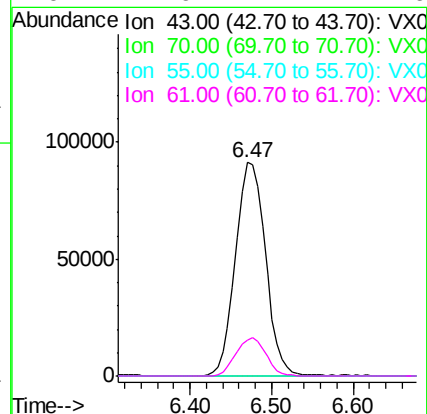
Ion Ratio Lower Upper

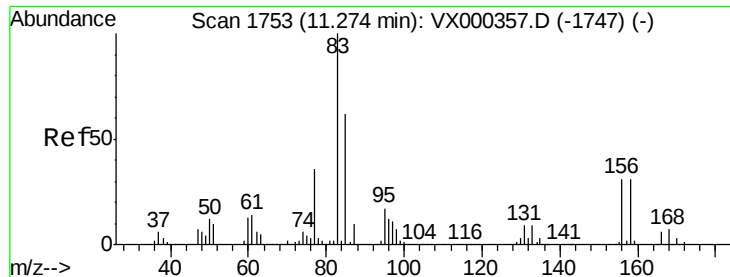
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 17.9 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.39 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000422.D

Acq: 23 Mar 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 173134

Ion Ratio Lower Upper

83 100

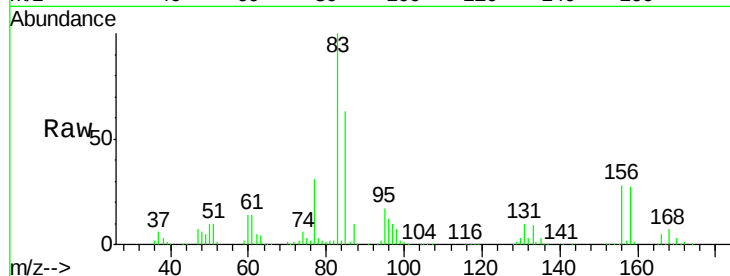
131 10.2 5.0 14.9

85 64.1 32.5 97.5

Manual Integrations
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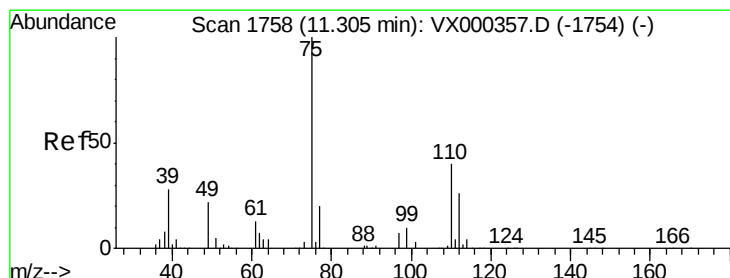
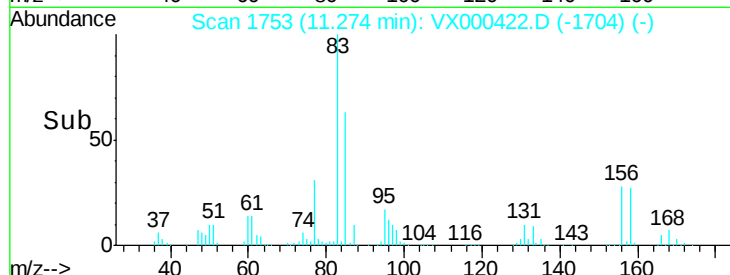
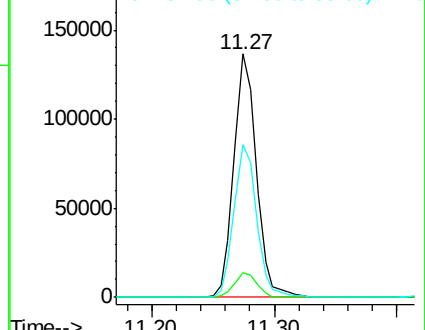
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 49.49 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000422.D

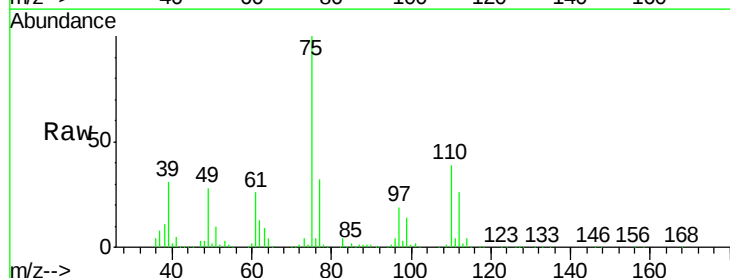
Acq: 23 Mar 2018 11:07

Tgt Ion: 75 Resp: 155958

Ion Ratio Lower Upper

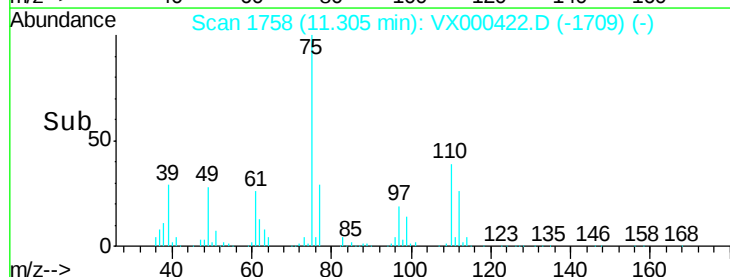
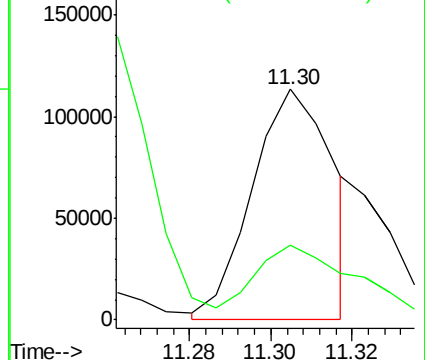
75 100

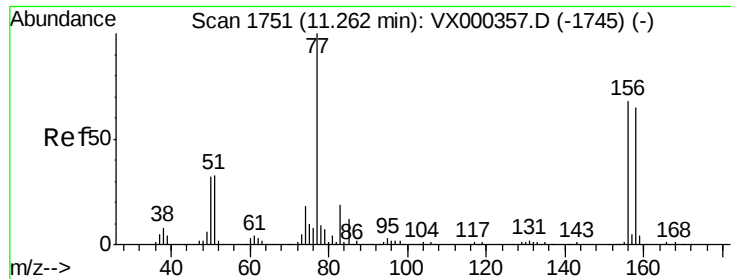
77 40.8 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.47 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000422.D

Acq: 23 Mar 2018 11:07

Instrument :

MSVOA_X

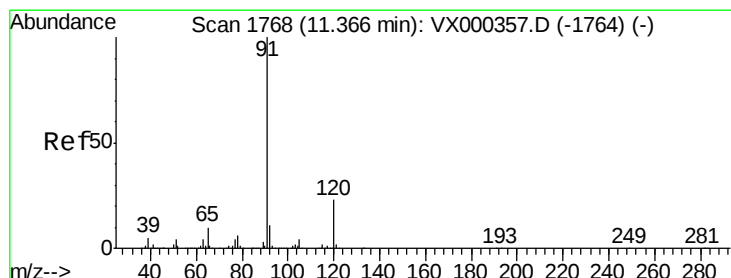
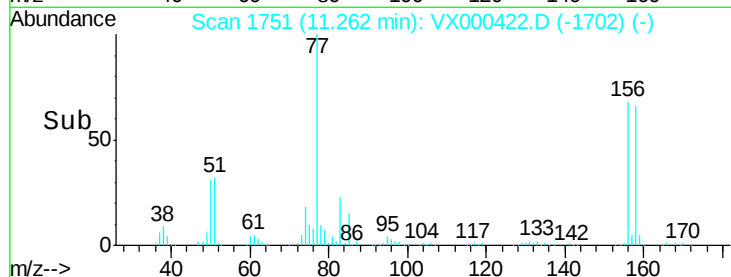
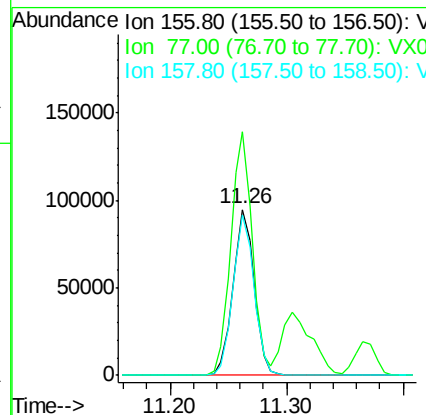
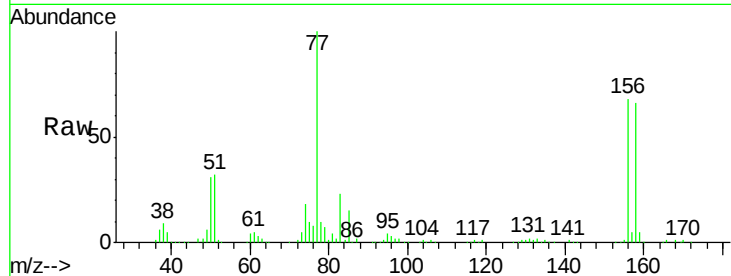
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	120257
Ion Ratio	Lower	Upper	
156	100		
77	147.6	73.4	220.2
158	96.2	48.5	145.6

Manual Integrations
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#78

n-propylbenzene

Concen: 50.47 ug/l

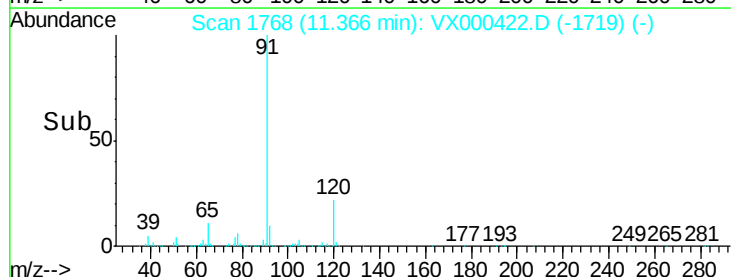
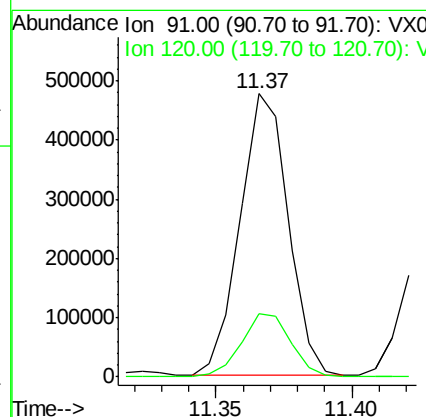
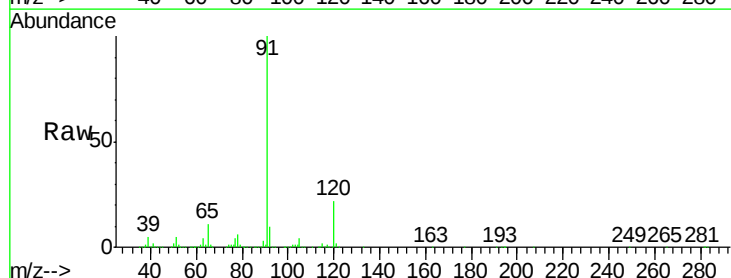
RT: 11.37 min Scan# 1768

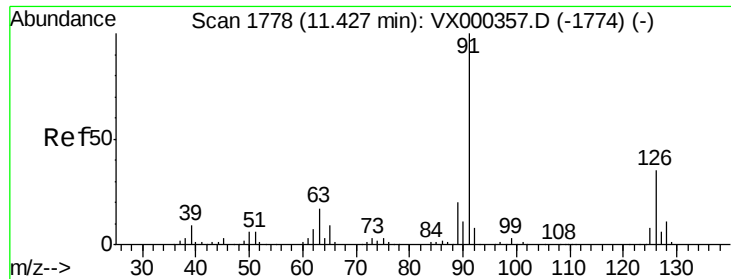
Delta R.T. 0.00 min

Lab File: VX000422.D

Acq: 23 Mar 2018 11:07

Tgt Ion:	91	Resp:	584676
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.8	35.3





#79

2-Chlorotoluene

Concen: 48.90 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000422.D

Acq: 23 Mar 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 327239

Ion Ratio Lower Upper

91 100

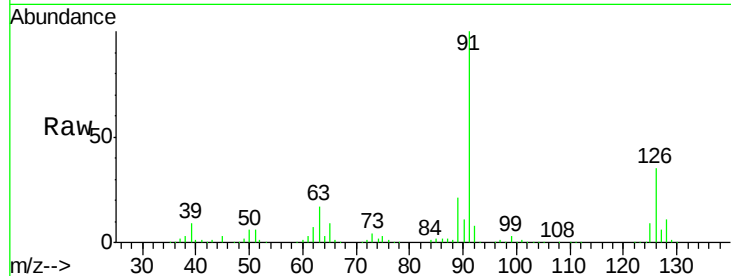
126 35.7 17.7 53.1

Manual Integrations

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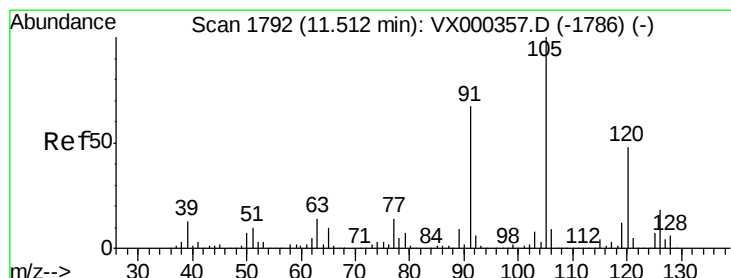
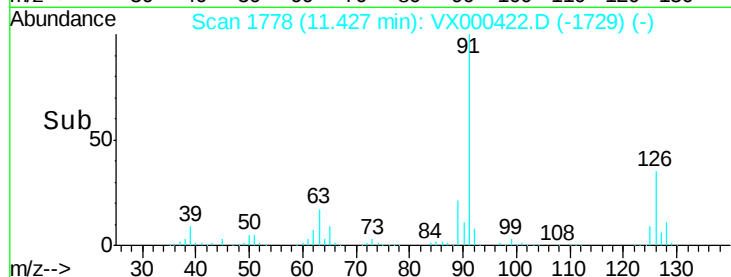
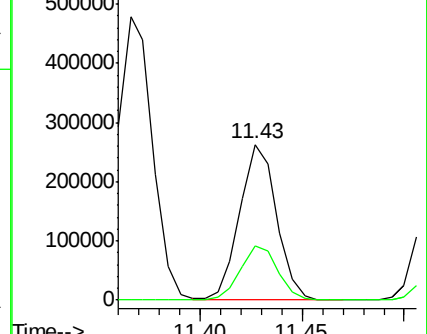
sam

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 53.36 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX000422.D

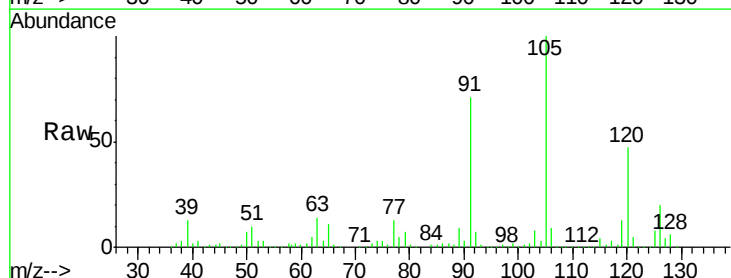
Acq: 23 Mar 2018 11:07

Tgt Ion: 105 Resp: 435858

Ion Ratio Lower Upper

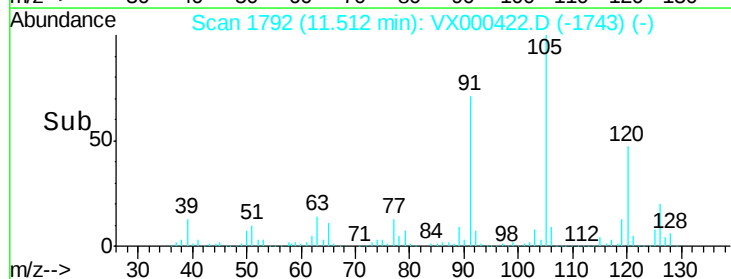
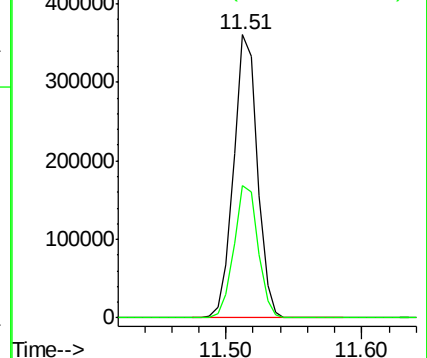
105 100

120 47.7 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 51.05 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VX000422.D

Acq: 23 Mar 2018 11:07

Instrument :

MSVOA_X

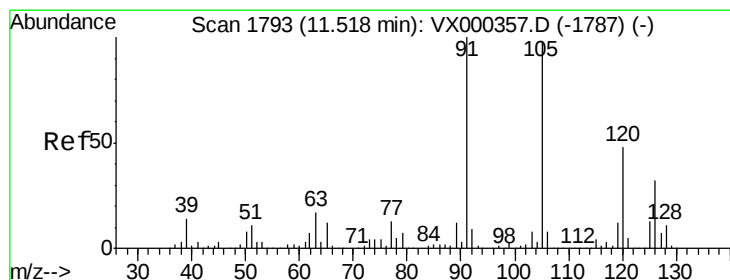
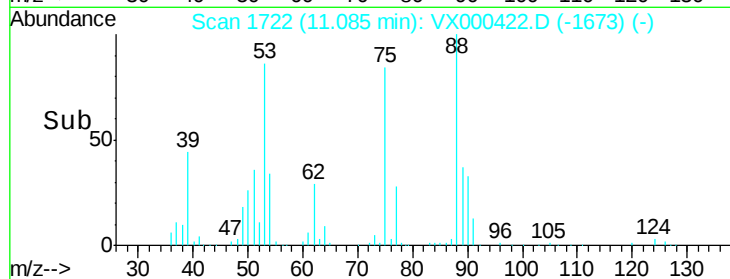
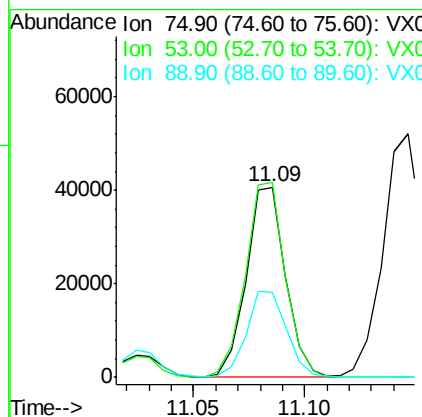
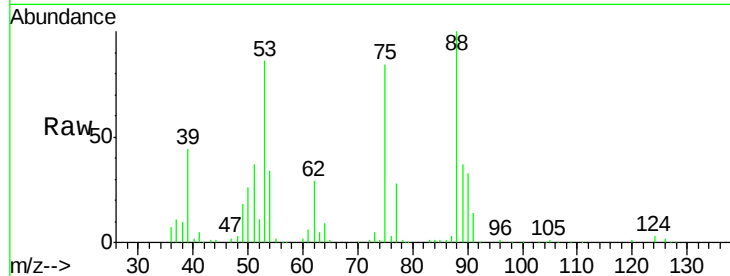
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	49687
Ion	Ratio	Lower	Upper
75	100		
53	105.1	80.7	121.1
89	46.6	39.4	59.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 51.80 ug/l

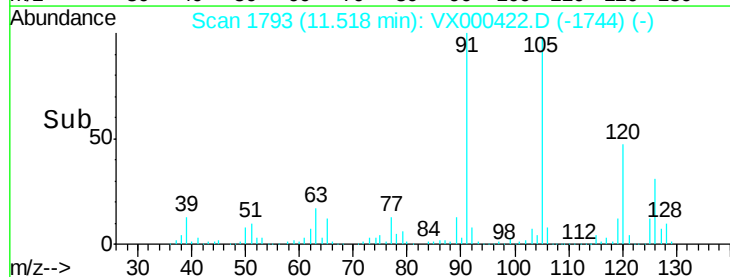
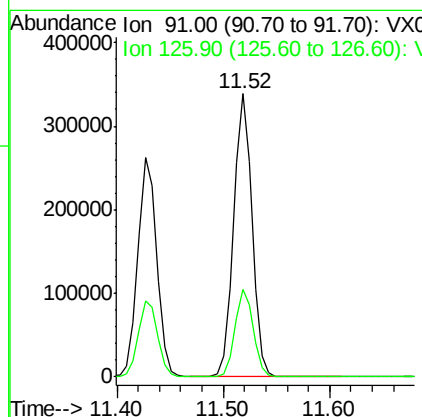
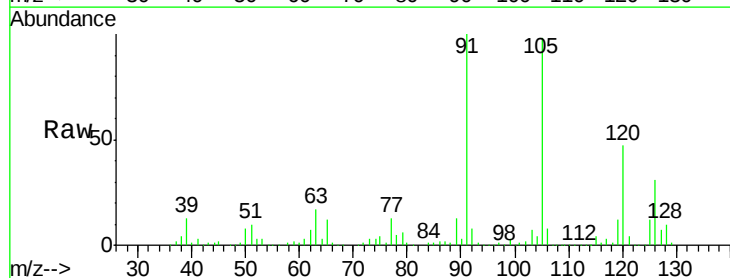
RT: 11.52 min Scan# 1793

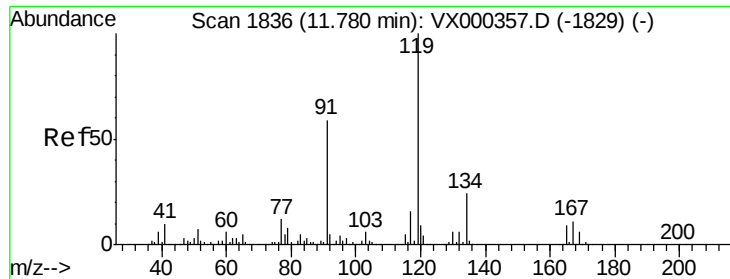
Delta R.T. 0.00 min

Lab File: VX000422.D

Acq: 23 Mar 2018 11:07

Tgt Ion:	91	Resp:	413884
Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.4	46.1





#83

tert-Butylbenzene

Concen: 50.45 ug/l

RT: 11.78 min Scan# 1836

Delta R.T. 0.00 min

Lab File: VX000422.D

Acq: 23 Mar 2018 11:07

Instrument :

MSVOA_X

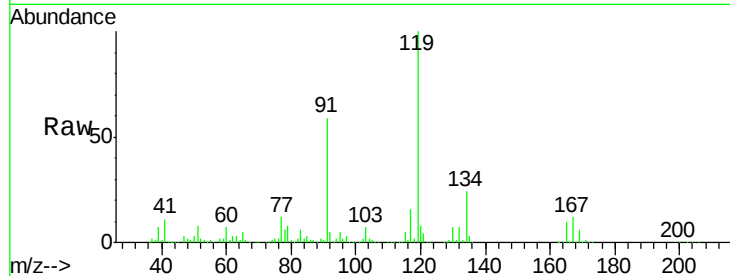
ClientSampleId :

VSTDCCC050

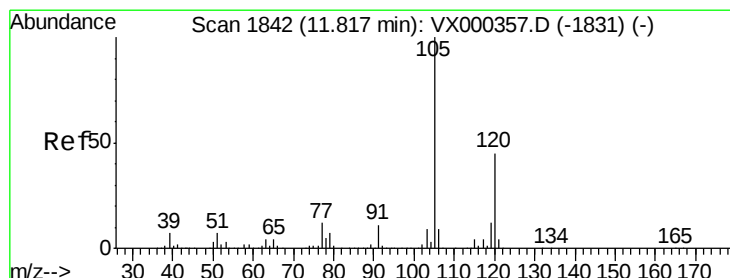
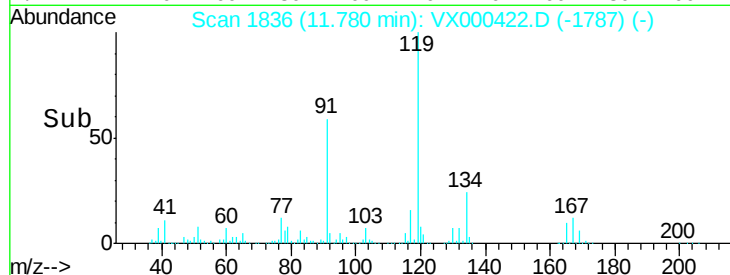
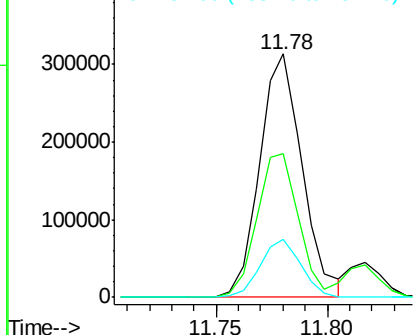
Tot Ion:	119	Resp:	415629
Ion Ratio	Lower	Upper	
119	100		
91	57.8	28.8	86.4
134	22.9	11.4	34.1

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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.40 ug/l

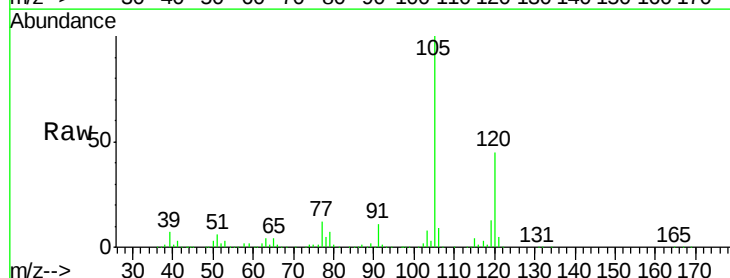
RT: 11.82 min Scan# 1842

Delta R.T. 0.00 min

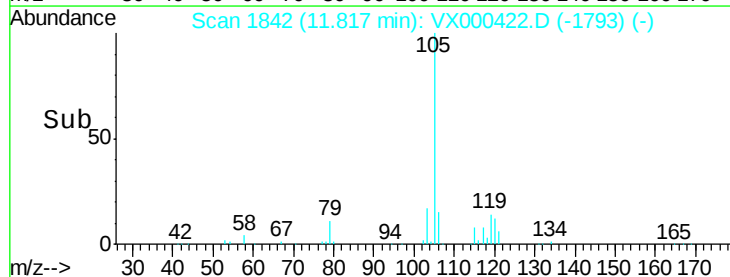
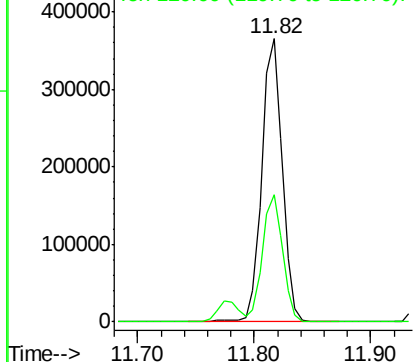
Lab File: VX000422.D

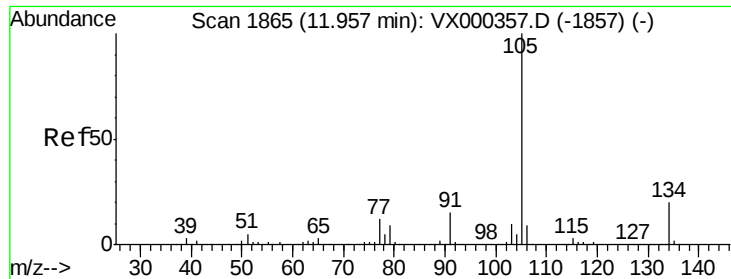
Acq: 23 Mar 2018 11:07

Tgt Ion:	105	Resp:	448743
Ion Ratio	Lower	Upper	
105	100		
120	44.5	22.4	67.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.97 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000422.D

Acq: 23 Mar 2018 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 539902

Ion Ratio Lower Upper

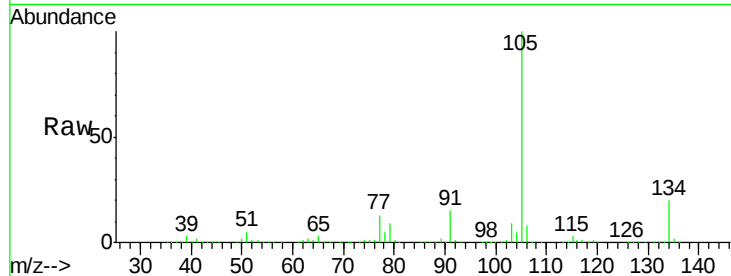
105 100

134 20.1 10.3 30.8

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

Ion 134.00 (133.70 to 134.70): V

11.96

400000

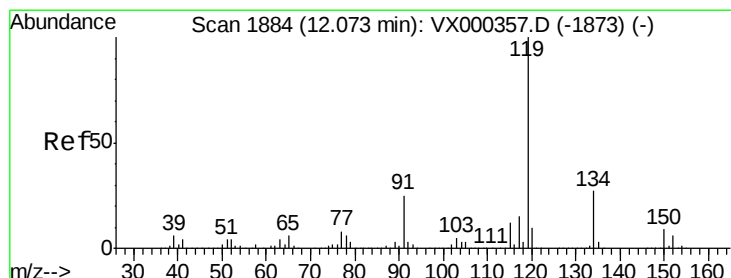
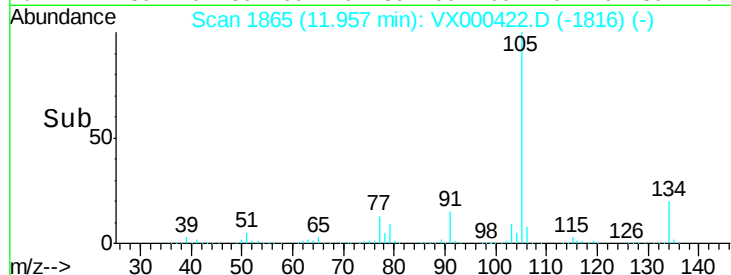
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 53.70 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000422.D

Acq: 23 Mar 2018 11:07

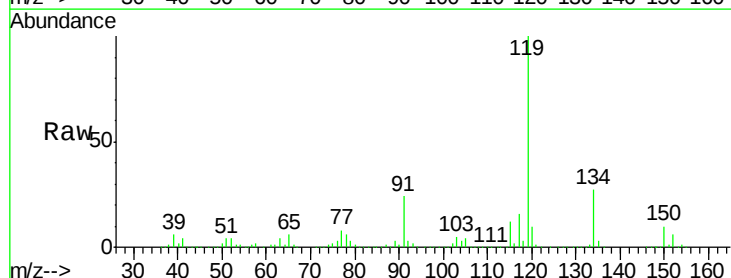
Tgt Ion:119 Resp: 486150

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

91 24.5 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.07

400000

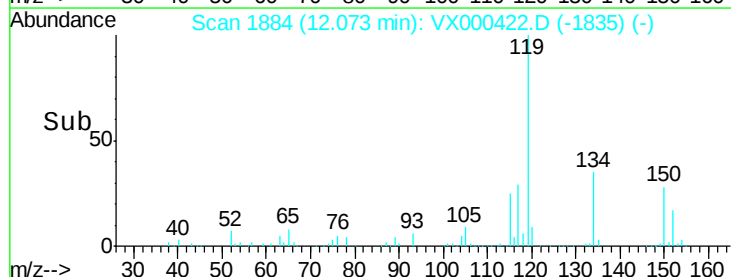
300000

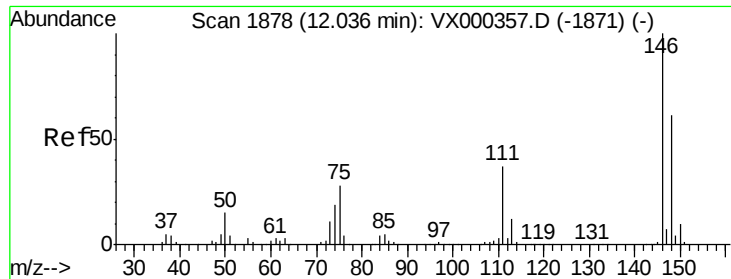
200000

100000

0

Time-->





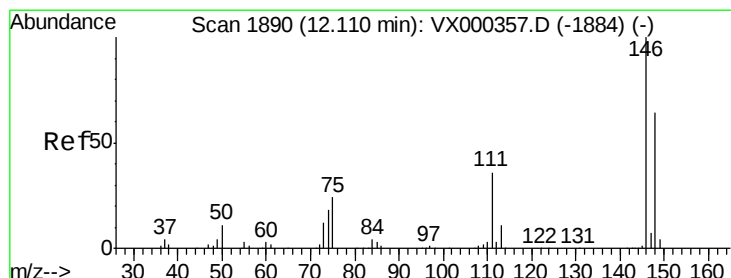
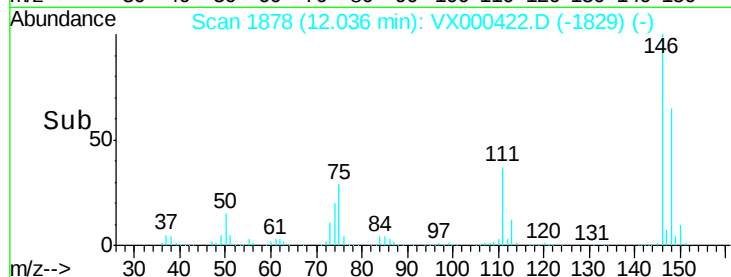
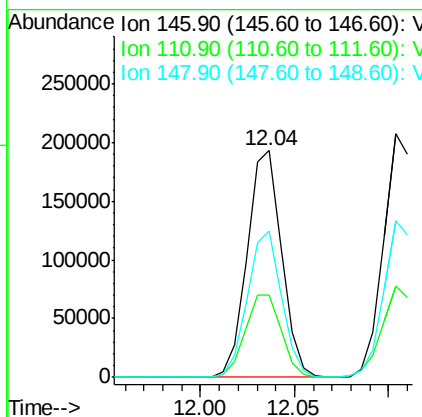
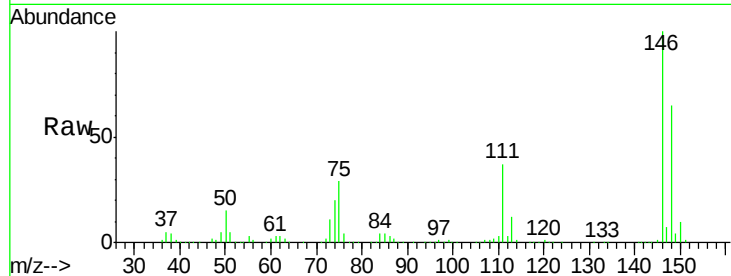
#87
 1,3-Dichlorobenzene
 Concen: 49.96 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000422.D
 Acq: 23 Mar 2018 11:07

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.5	58.5
148	64.2	32.4	97.0

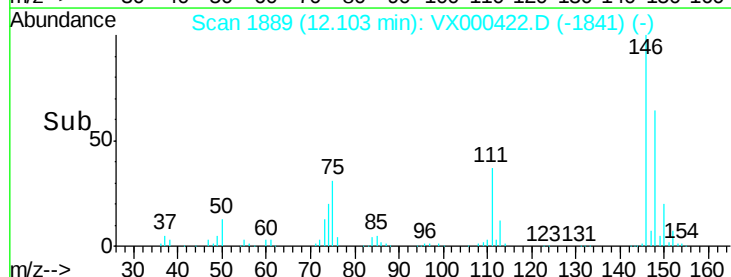
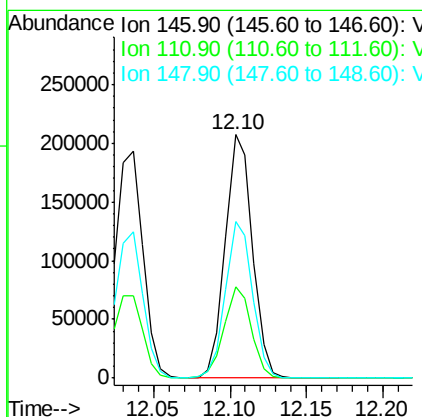
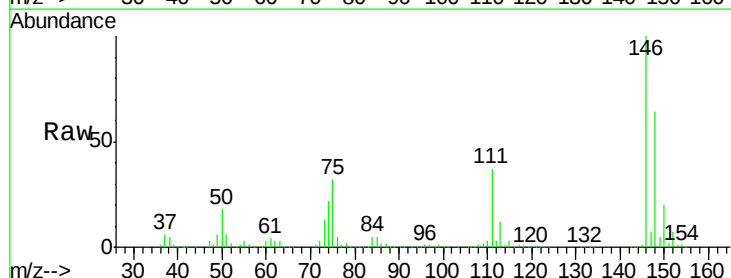
Manual Integrations
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#88
 1,4-Dichlorobenzene
 Concen: 49.57 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000422.D
 Acq: 23 Mar 2018 11:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.9
148	64.3	31.0	93.0





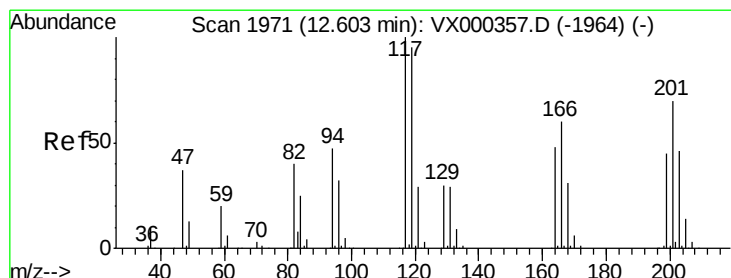
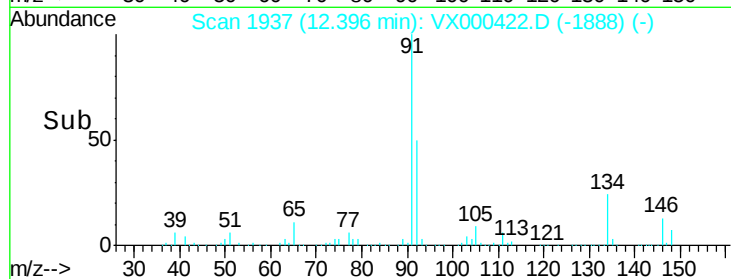
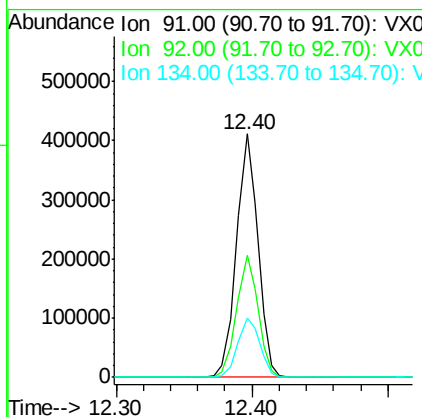
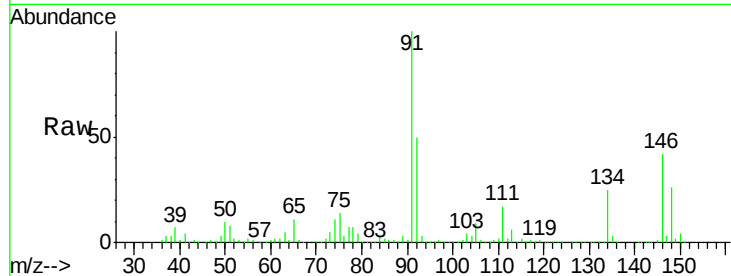
#89
n-Butylbenzene
Concen: 53.50 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000422.D
Acq: 23 Mar 2018 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	450940		
92	50.3	25.9	77.8	
134	25.3	13.1	39.3	

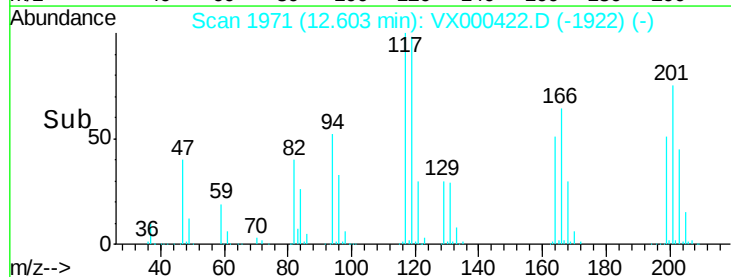
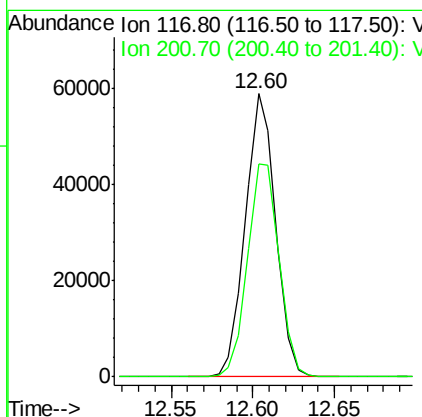
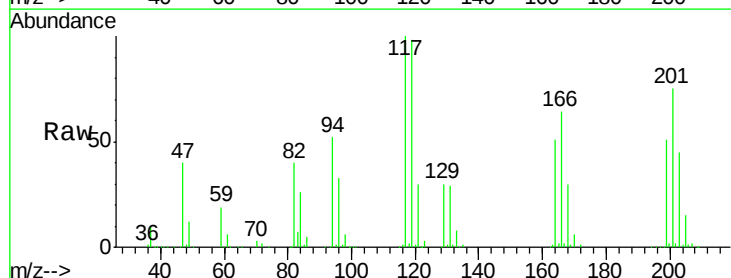
Manual Integrations
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#90
Hexachloroethane
Concen: 53.55 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000422.D
Acq: 23 Mar 2018 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	76303		
201	78.5	37.9	113.6	





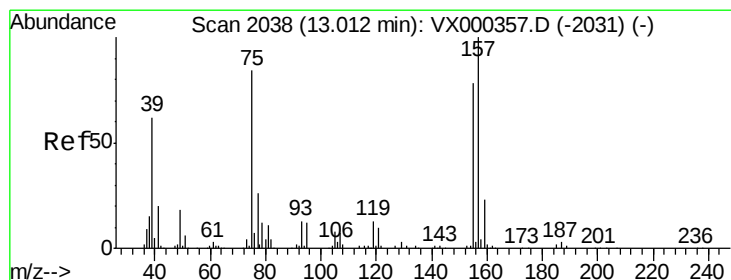
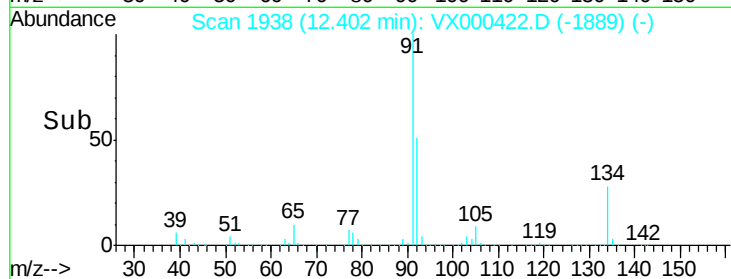
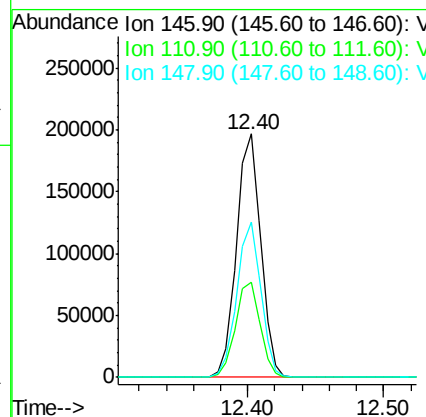
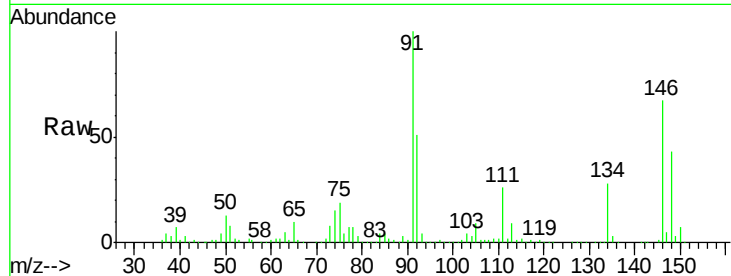
#91
 1,2-Dichlorobenzene
 Concen: 50.92 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000422.D
 Acq: 23 Mar 2018 11:07

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	244280		
111	39.7	20.1	60.2	
148	63.2	31.2	93.6	

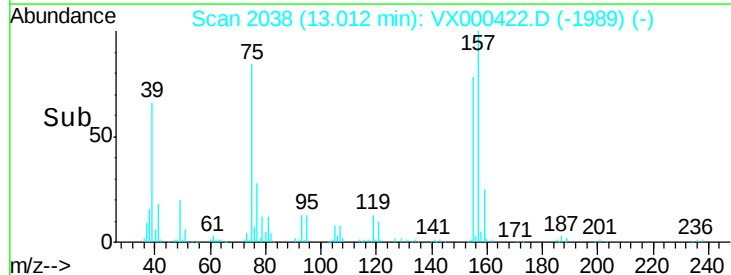
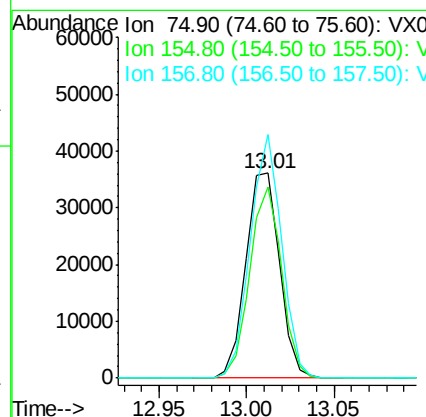
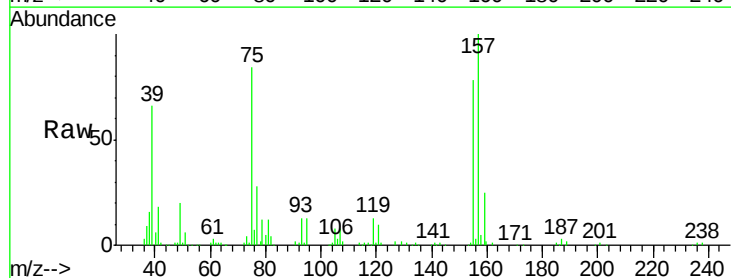
Manual Integrations
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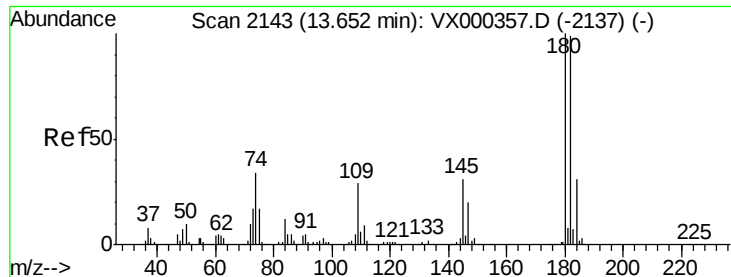
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.72 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: VX000422.D
 Acq: 23 Mar 2018 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	48601		
155	87.5	45.0	134.8	
157	110.0	58.1	174.2	





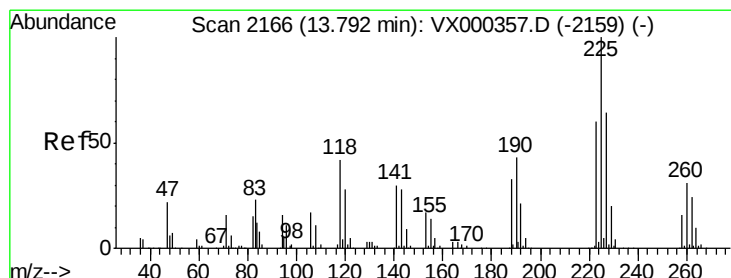
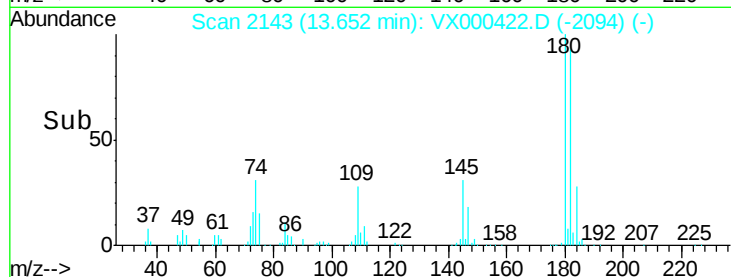
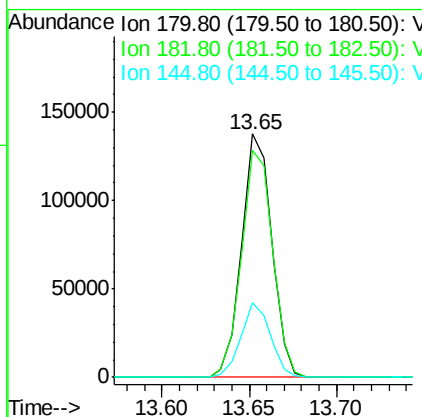
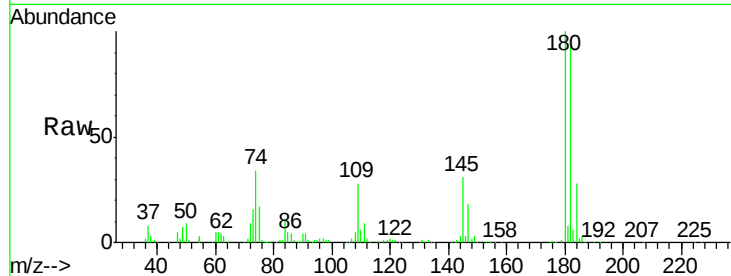
#93
 1,2,4-Trichlorobenzene
 Concen: 48.41 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000422.D
 Acq: 23 Mar 2018 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.6	142.9
145	30.0	15.1	45.3

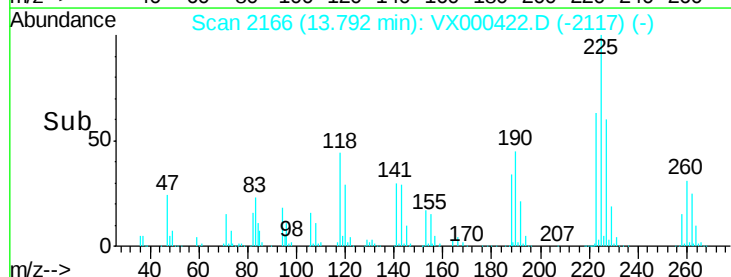
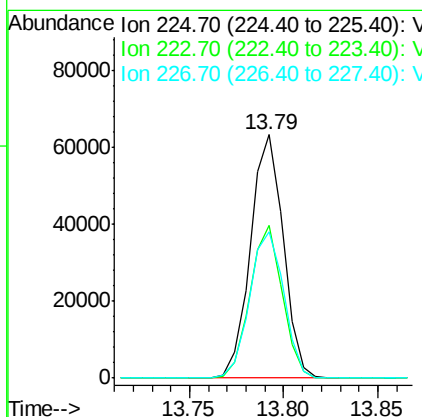
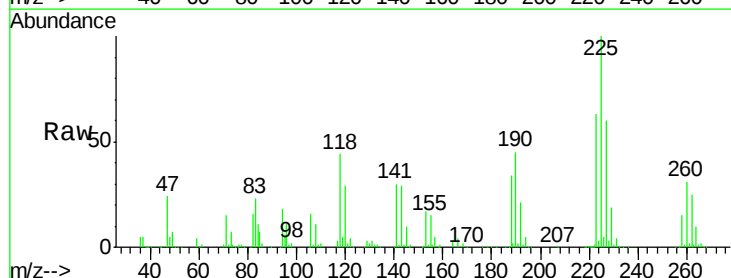
Manual Integrations
 APPROVED

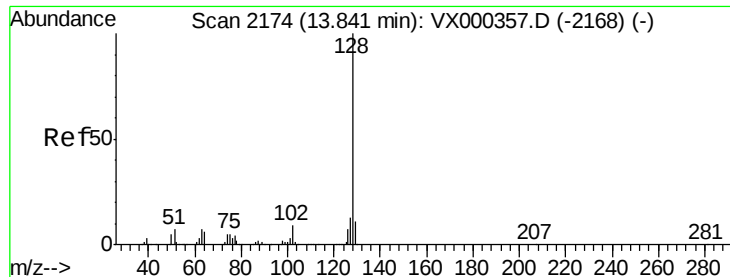
sam
 3/26/2018 2:36:14 PM



#94
 Hexachlorobutadiene
 Concen: 53.57 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000422.D
 Acq: 23 Mar 2018 11:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	32.0	96.0
227	62.7	32.6	98.0





#95

Naphthalene

Concen: 50.18 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000422.D

Acq: 23 Mar 2018 11:07

Instrument :

MSVOA_X

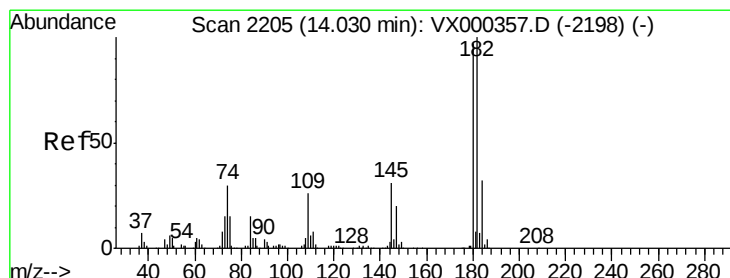
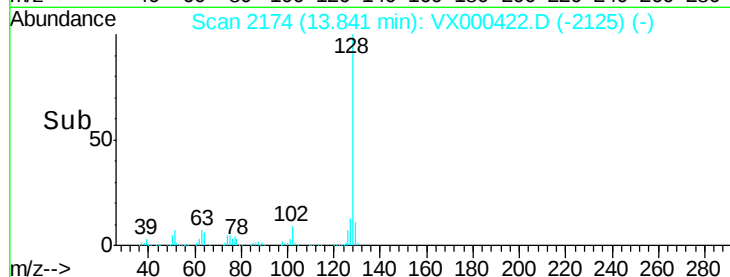
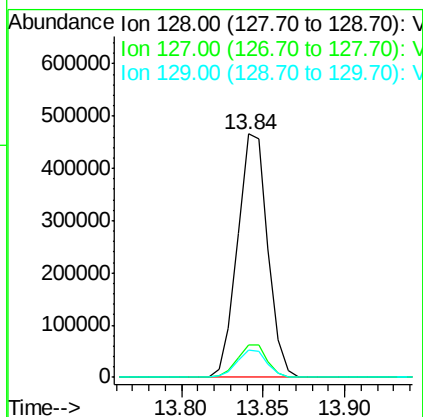
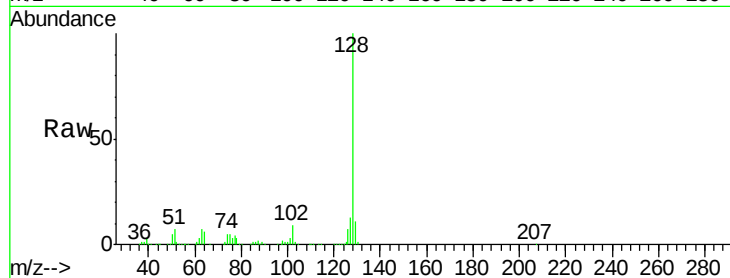
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	601190
Ion Ratio		Lower	Upper
128	100		
127	13.2	10.6	15.8
129	11.3	8.9	13.3

Manual Integrations
APPROVED

sam
3/26/2018 2:36:14 PM



#96

1,2,3-Trichlorobenzene

Concen: 49.20 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000422.D

Acq: 23 Mar 2018 11:07

Tgt Ion:	180	Resp:	167198
Ion Ratio		Lower	Upper
180	100		
182	96.6	47.4	142.3
145	30.1	15.8	47.3

