

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032018\
 Data File : VX000356.D
 Acq On : 20 Mar 2018 11:18
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

sam
 3/21/2018 11:44:06 AM

Quant Time: Mar 20 12:13:47 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 20 12:07:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	127545	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	205040	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	198125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	108877	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	28992	16.43	ug/l	0.00
Spiked Amount			Recovery	=	32.86%	
35) Dibromofluoromethane	5.51	113	22187	17.15	ug/l	0.00
Spiked Amount			Recovery	=	34.30%	
50) Toluene-d8	8.73	98	90900	16.84	ug/l	0.00
Spiked Amount			Recovery	=	33.68%	
62) 4-Bromofluorobenzene	11.15	95	33862	15.65	ug/l	0.00
Spiked Amount			Recovery	=	31.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	26541	19.32	ug/l	100
3) Chloromethane	1.32	50	27938	19.95	ug/l	97
4) Vinyl Chloride	1.41	62	30151	19.22	ug/l	96
5) Bromomethane	1.65	94	24969	14.26	ug/l	96
6) Chloroethane	1.73	64	19184	17.21	ug/l	97
7) Trichlorofluoromethane	1.94	101	53363	19.59	ug/l	97
8) Diethyl Ether	2.19	74	18898	19.49	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	30521	20.80	ug/l	99
10) Methyl Iodide	2.52	142	23574	15.90	ug/l	99
11) Tert butyl alcohol	3.06	59	51591	90.37	ug/l	99
12) 1,1-Dichloroethene	2.38	96	25873	18.58	ug/l	96
13) Acrolein	2.29	56	15940	64.90	ug/l	97
14) Allyl chloride	2.73	41	47402	19.09	ug/l	99
15) Acrylonitrile	3.15	53	107521	97.68	ug/l	100
16) Acetone	2.45	43	129659	110.05	ug/l	95
17) Carbon Disulfide	2.58	76	71758	17.64	ug/l	97
18) Methyl Acetate	2.78	43	53655	20.35	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	96404	19.67	ug/l	97
20) Methylene Chloride	2.86	84	30350	19.90	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	28502	18.52	ug/l	93
22) Diisopropyl ether	3.87	45	90074	21.80	ug/l	96
23) Vinyl Acetate	3.83	43	436653	110.87	ug/l	99
24) 1,1-Dichloroethane	3.71	63	53348	20.52	ug/l	98
25) 2-Butanone	4.71	43	144442	102.58	ug/l	99
26) 2,2-Dichloropropane	4.59	77	36718	19.57	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	26656	18.96	ug/l	98
28) Bromochloromethane	5.03	49	19894	18.21	ug/l	98
29) Tetrahydrofuran	5.17	42	86100	95.00	ug/l	99
30) Chloroform	5.22	83	48171	19.63	ug/l	91
31) Cyclohexane	5.58	56	39897	20.00	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	43009	19.83	ug/l	99
36) 1,1-Dichloropropene	5.81	75	35578	19.10	ug/l	99
37) Ethyl Acetate	4.87	43	47286	19.10	ug/l	100
38) Carbon Tetrachloride	5.79	117	36849	19.62	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	45097	20.75	ug/l	95
40) Benzene	6.15	78	107063	20.26	ug/l	99
41) Methacrylonitrile	5.07	41	25557	19.66	ug/l	98
42) 1,2-Dichloroethane	6.21	62	42358	20.22	ug/l	97
43) Isopropyl Acetate	6.48	43	74133	20.74	ug/l	99
44) Trichloroethene	7.22	130	31252	20.41	ug/l	99
45) 1,2-Dichloropropane	7.53	63	28132	21.58	ug/l	93
46) Dibromomethane	7.67	93	20748	19.81	ug/l	96
47) Bromodichloromethane	7.90	83	37979	20.43	ug/l	97
48) Methyl methacrylate	7.79	41	35315	19.54	ug/l	96
49) 1,4-Dioxane	7.76	88	13971	343.66	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	287911	103.74	ug/l	99
52) Toluene	8.79	92	73036	19.67	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	43563	20.31	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	42231	20.13	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	30422	20.42	ug/l	96
56) Ethyl methacrylate	9.19	69	45951	20.83	ug/l	99
57) 1,3-Dichloropropane	9.38	76	49998	20.72	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	113339	111.73	ug/l	97
59) 2-Hexanone	9.51	43	238948	102.19	ug/l	99
60) Dibromochloromethane	9.59	129	30153	19.14	ug/l	94
61) 1,2-Dibromoethane	9.68	107	33094	20.04	ug/l	99
64) Tetrachloroethene	9.34	164	31937	22.57	ug/l	95
65) Chlorobenzene	10.15	112	85738	21.25	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	29008	21.38	ug/l	97
67) Ethyl Benzene	10.26	91	147553	21.45	ug/l	99
68) m/p-Xylenes	10.37	106	113227	42.25	ug/l	100
69) o-Xylene	10.71	106	54741	21.03	ug/l	100
70) Styrene	10.72	104	88269	20.43	ug/l	99
71) Bromoform	10.87	173	24154	20.35	ug/l #	96
73) Isopropylbenzene	11.02	105	150649	22.97	ug/l	100
74) N-amyl acetate	6.48	43	74133	23.62	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	52392	22.44	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	49381m	22.53	ug/l	
77) Bromobenzene	11.26	156	36989	21.49	ug/l	97
78) n-propylbenzene	11.37	91	175367	22.18	ug/l	100
79) 2-Chlorotoluene	11.43	91	100431	22.38	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	125993	22.55	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	13888	21.59	ug/l	90
82) 4-Chlorotoluene	11.52	91	121517	22.03	ug/l	99
83) tert-Butylbenzene	11.78	119	124867	22.91	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	132486	23.07	ug/l	99
85) sec-Butylbenzene	11.96	105	158355	23.21	ug/l	99
86) p-Isopropyltoluene	12.07	119	138816	22.86	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	71822	21.26	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	72459	20.64	ug/l	96
89) n-Butylbenzene	12.40	91	129947	22.01	ug/l	98
90) Hexachloroethane	12.60	117	21756	22.34	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	72256	22.09	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13890	21.98	ug/l	95

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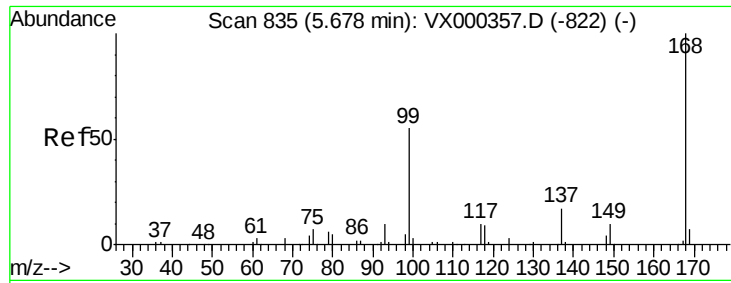
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	50817	21.56	ug/l	99
94) Hexachlorobutadiene	13.79	225	21852	23.50	ug/l	98
95) Naphthalene	13.84	128	182941	22.37	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	51007	21.43	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

Tot Ion:168 Resp: 127545

Ion Ratio Lower Upper

168 100

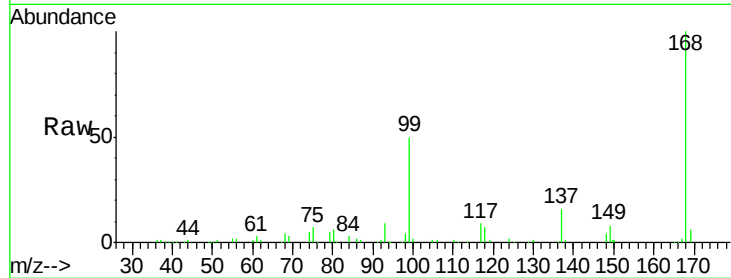
99 50.5 45.8 68.6

Manual Integrations

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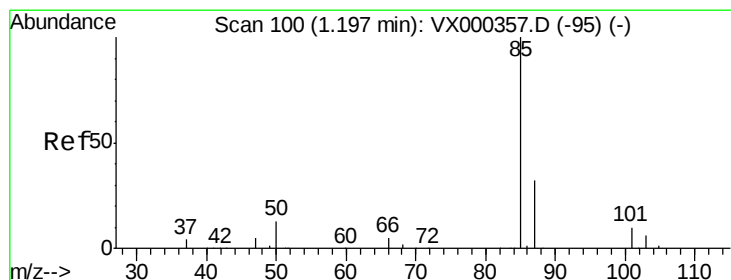
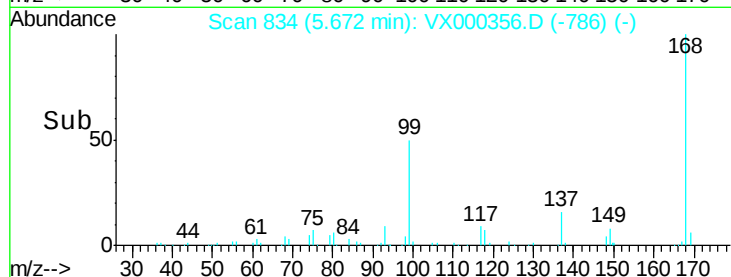
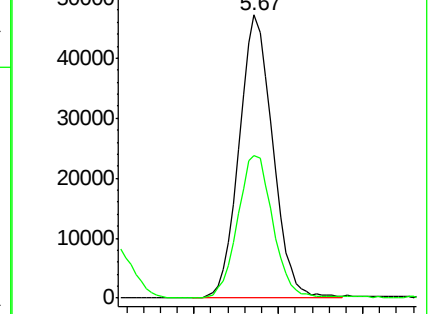
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.32 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000356.D

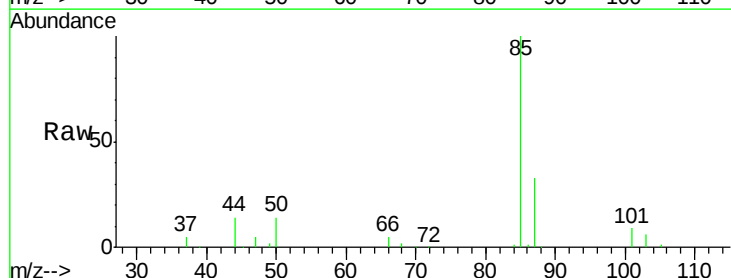
Acq: 20 Mar 2018 11:18

Tgt Ion: 85 Resp: 26541

Ion Ratio Lower Upper

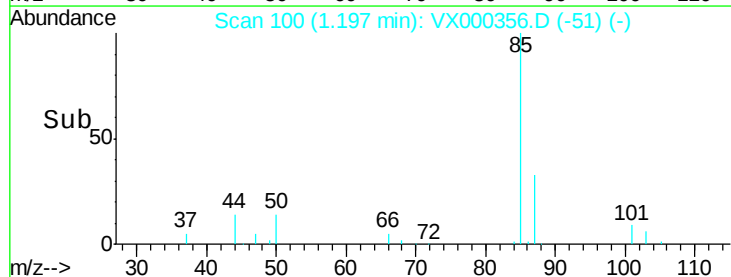
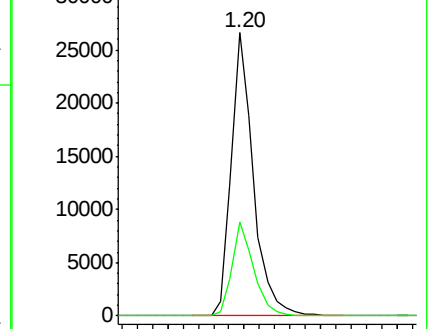
85 100

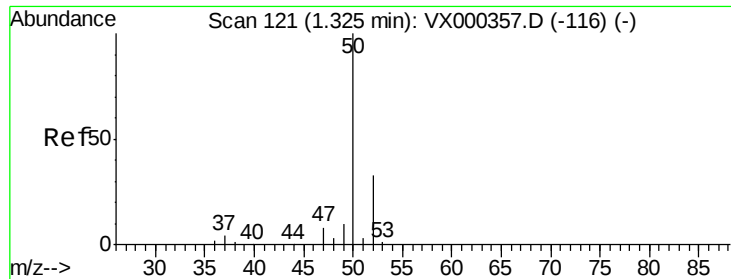
87 33.3 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.95 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 50 Resp: 27938

Ion Ratio Lower Upper

50 100

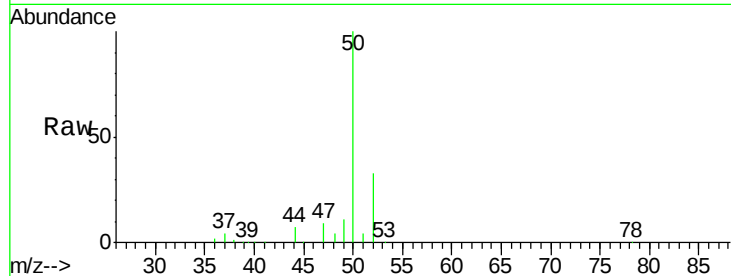
52 32.6 27.5 41.3

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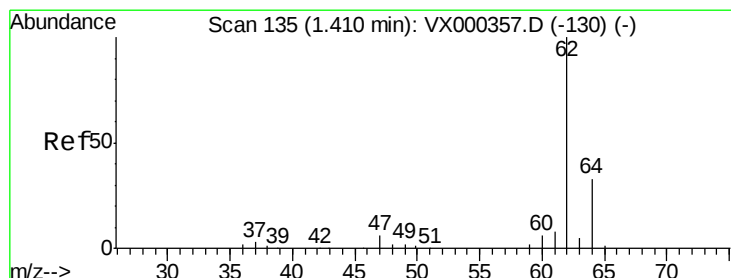
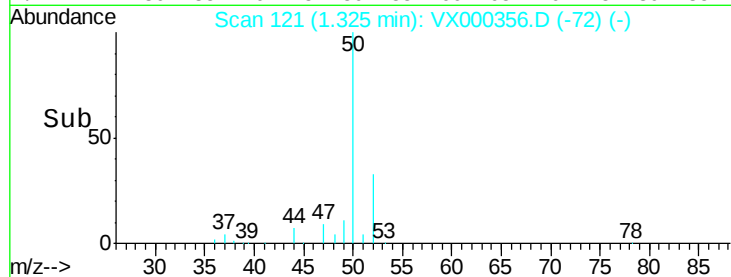
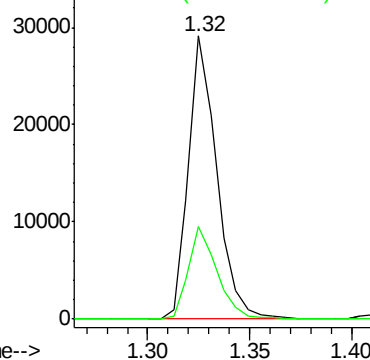
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.22 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000356.D

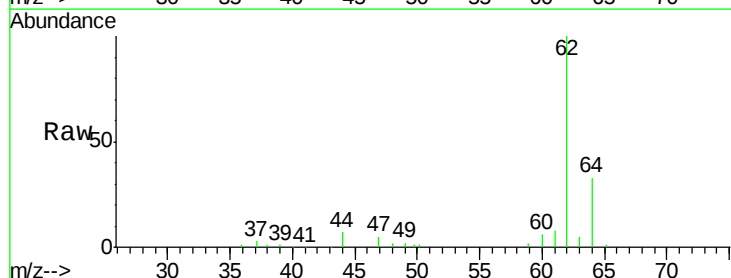
Acq: 20 Mar 2018 11:18

Tgt Ion: 62 Resp: 30151

Ion Ratio Lower Upper

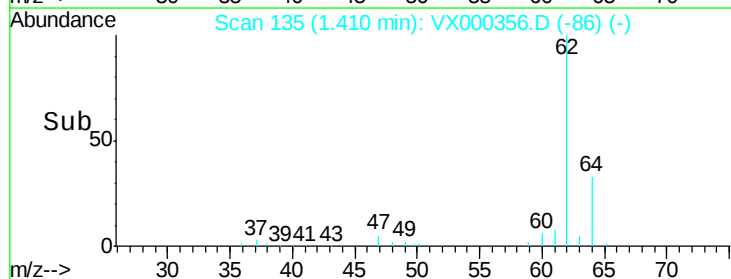
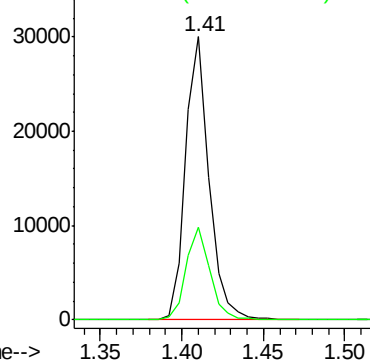
62 100

64 32.9 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: 14.26 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

Tot Ion: 94 Resp: 24969

Ion Ratio Lower Upper

94 100

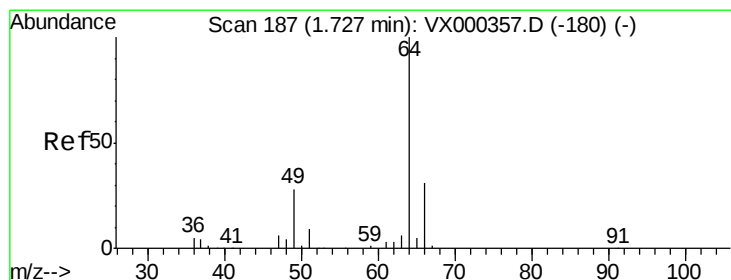
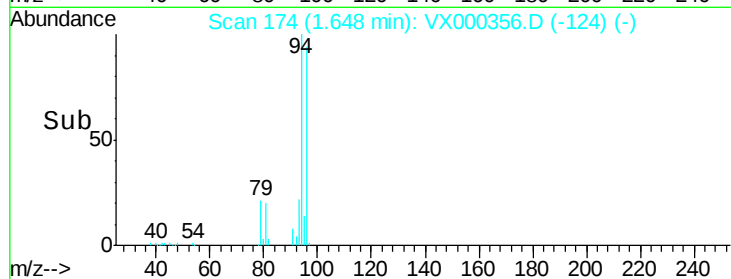
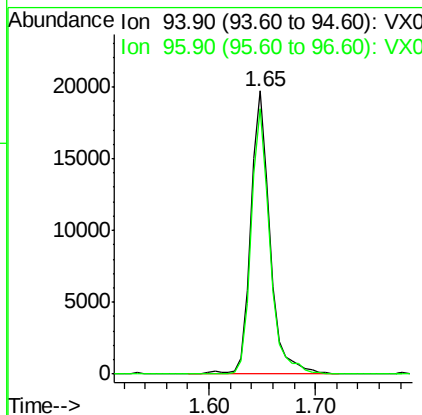
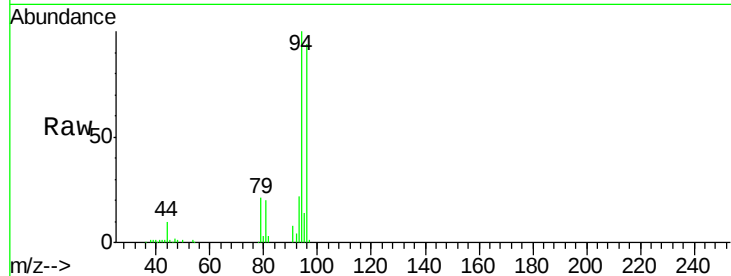
96 93.6 77.7 116.5

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#6

Chloroethane

Concen: 17.21 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000356.D

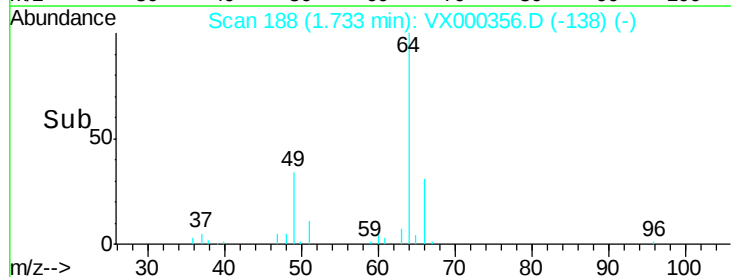
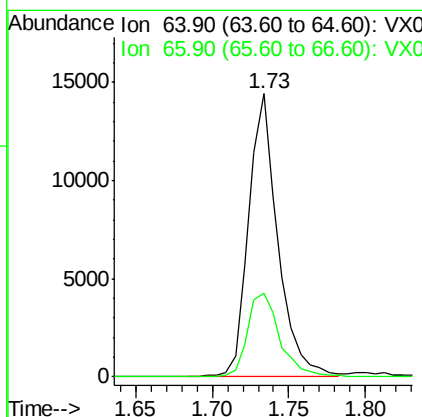
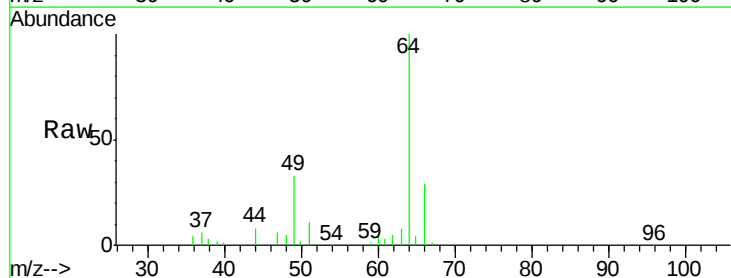
Acq: 20 Mar 2018 11:18

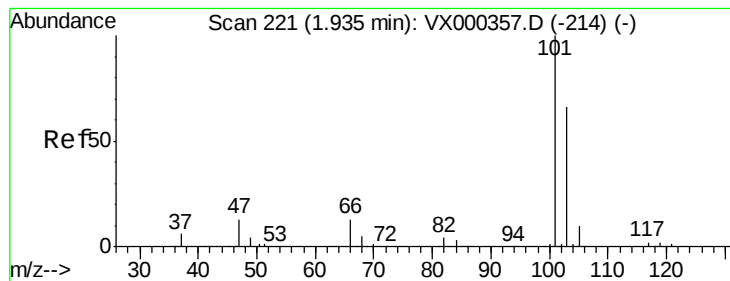
Tgt Ion: 64 Resp: 19184

Ion Ratio Lower Upper

64 100

66 29.4 24.8 37.2





#7

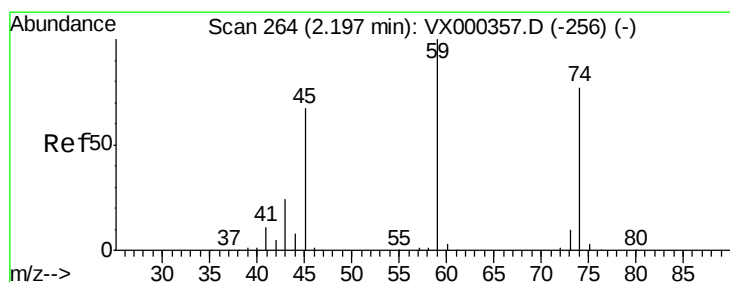
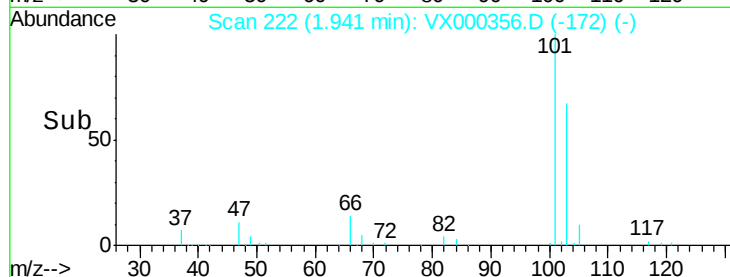
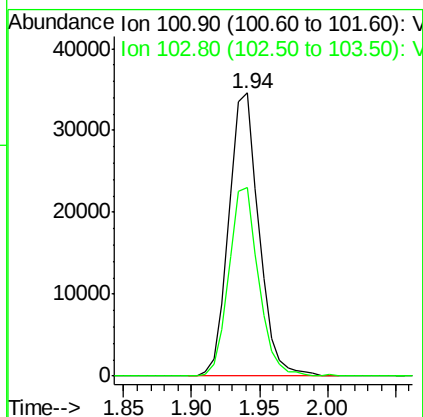
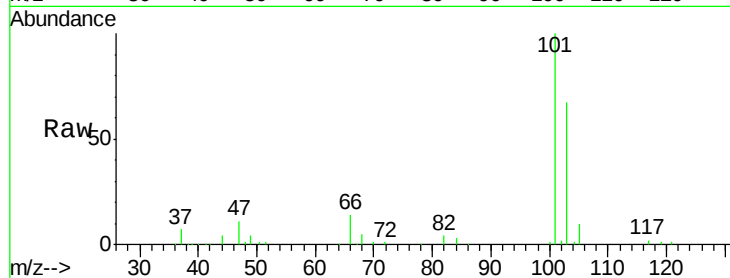
Trichlorofluoromethane
 Concen: 19.59 ug/l
 RT: 1.94 min Scan# 222
 Delta R.T. 0.01 min
 Lab File: VX000356.D
 Acq: 20 Mar 2018 11:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion:101 Resp: 53363
 Ion Ratio Lower Upper
 101 100
 103 66.5 51.6 77.4

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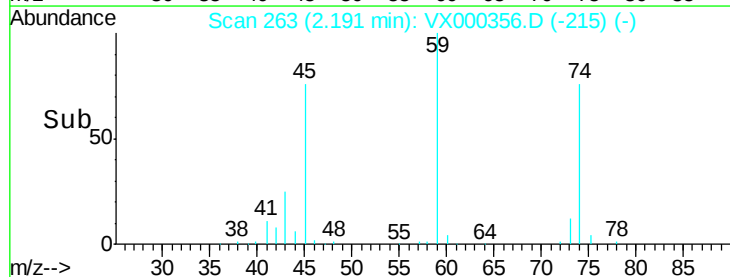
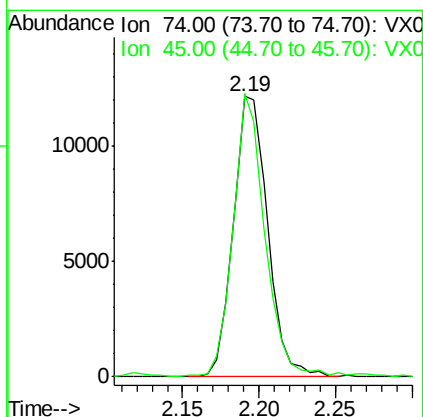
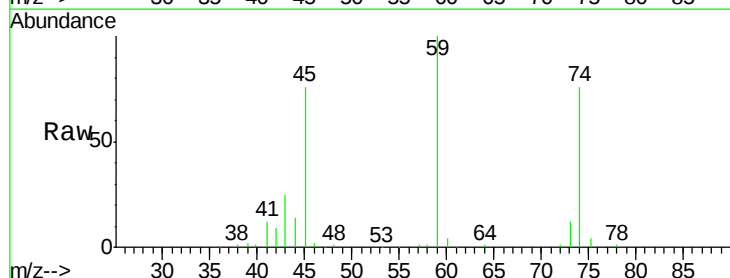
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#8

Diethyl Ether
 Concen: 19.49 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.01 min
 Lab File: VX000356.D
 Acq: 20 Mar 2018 11:18

Tgt Ion: 74 Resp: 18898
 Ion Ratio Lower Upper
 74 100
 45 94.6 45.1 135.3





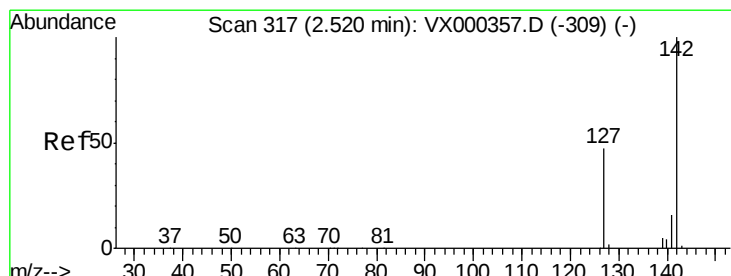
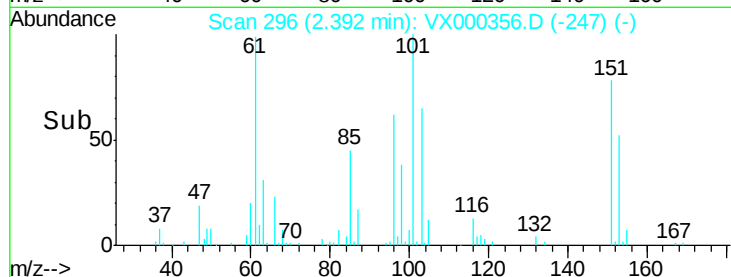
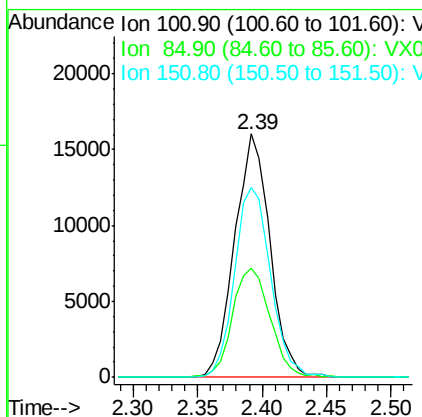
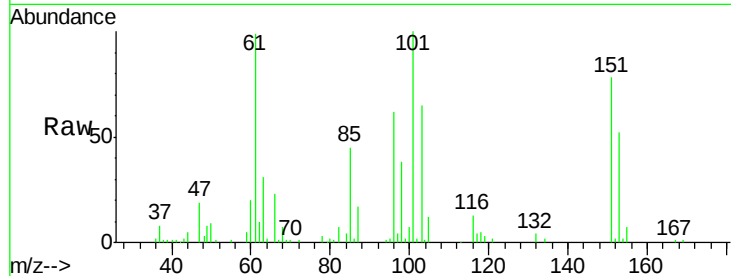
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.80 ug/l
RT: 2.39 min Scan# 296
Delta R.T. -0.00 min
Lab File: VX000356.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	30521		
85	48.0		37.6	56.4
151	79.5		62.6	93.8

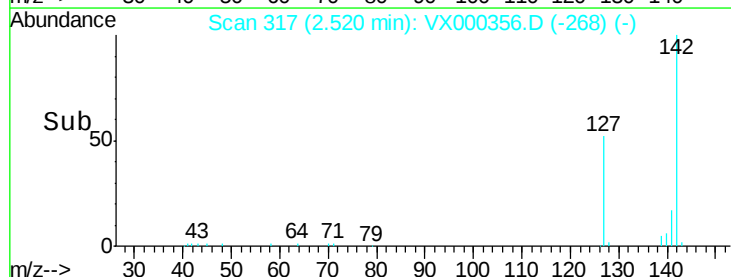
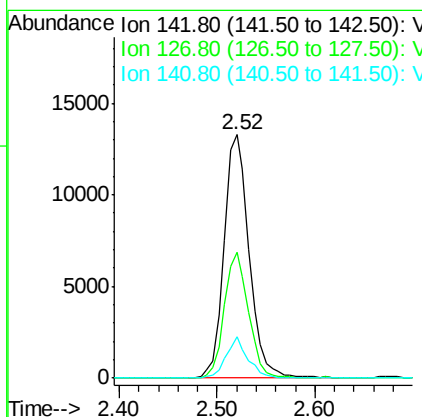
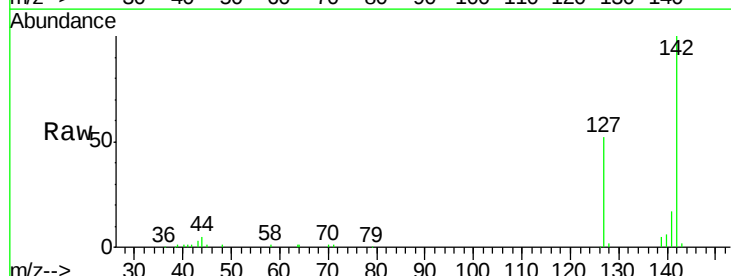
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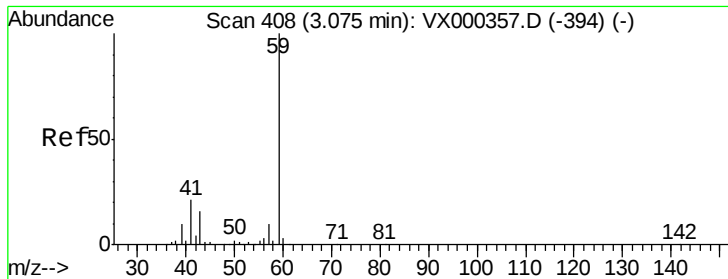
sam
3/21/2018 11:44:06 AM



#10
Methyl Iodide
Concen: 15.90 ug/l
RT: 2.52 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	23574		
127	49.9		39.2	58.8
141	14.5		11.7	17.5





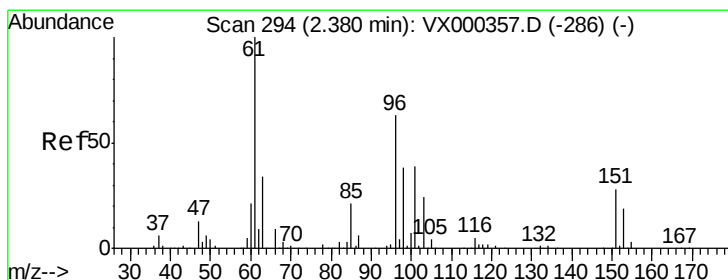
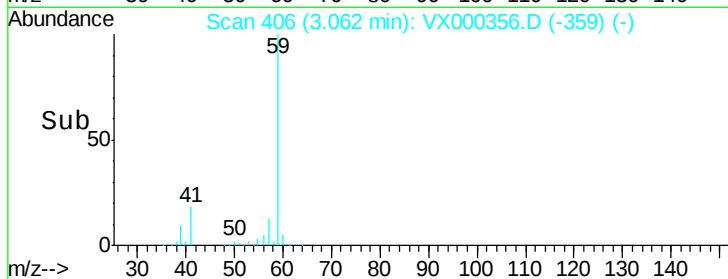
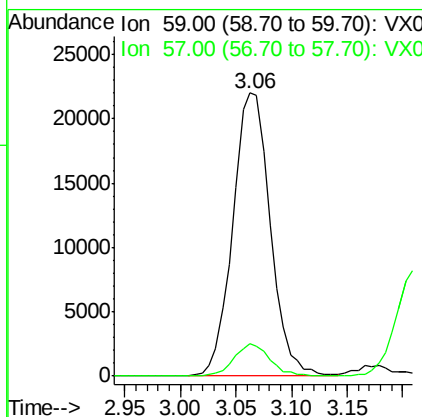
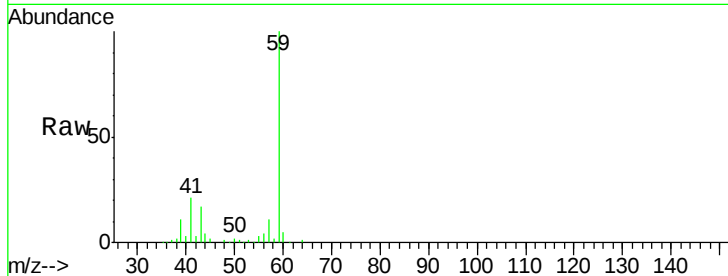
#11
Tert butyl alcohol
Concen: 90.37 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.01 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.4	12.6

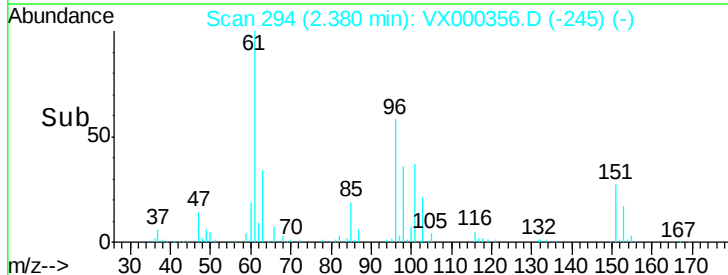
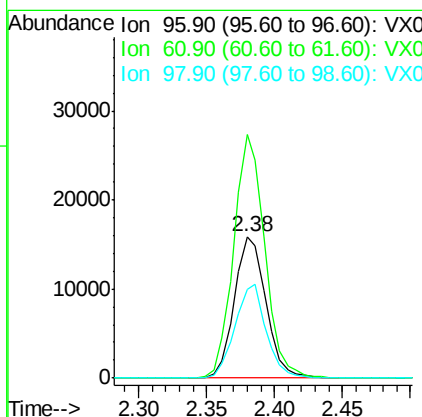
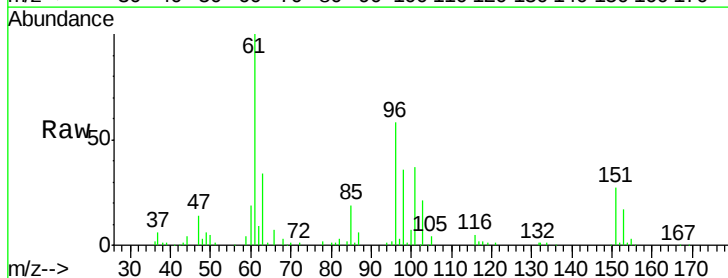
Manual Integrations
APPROVED

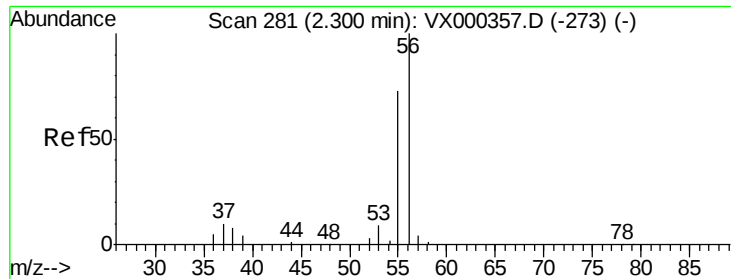
sam
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#12
1,1-Dichloroethene
Concen: 18.58 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.9	131.2	196.8
98	62.6	49.8	74.8





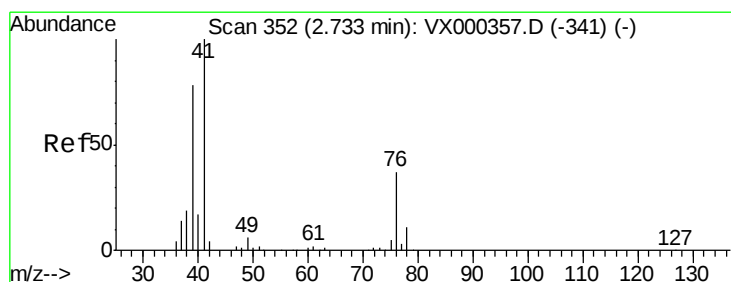
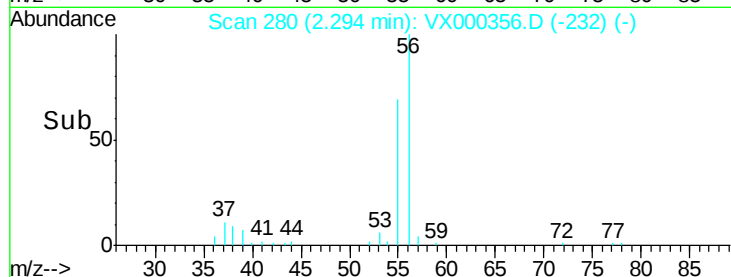
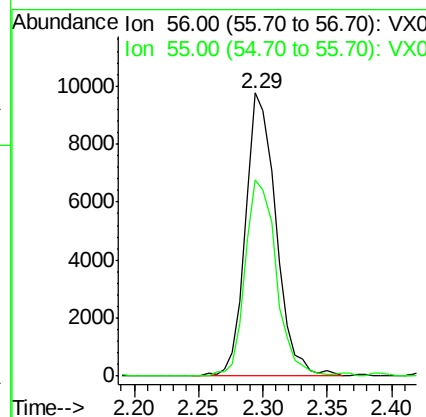
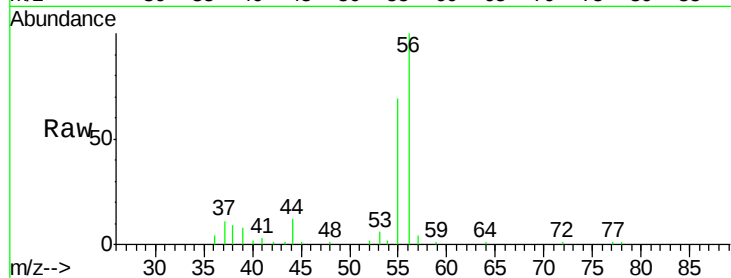
#13
Acrolein
Concen: 64.90 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion: 56 Resp: 15940
Ion Ratio Lower Upper
56 100
55 70.6 58.8 88.2

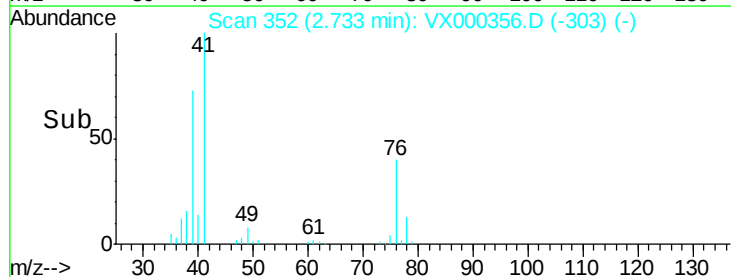
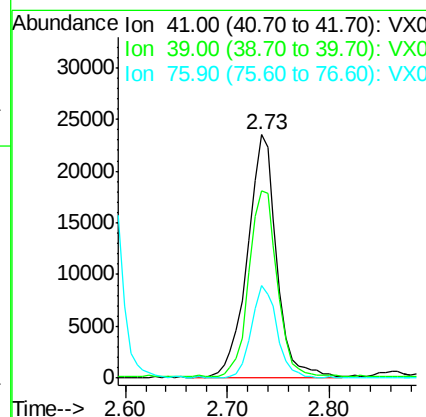
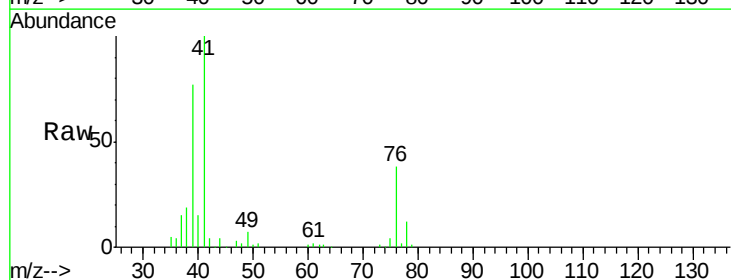
Manual Integrations
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#14
Allyl chloride
Concen: 19.09 ug/l
RT: 2.73 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Tgt Ion: 41 Resp: 47402
Ion Ratio Lower Upper
41 100
39 73.3 57.6 86.4
76 33.4 27.3 40.9





#15

Acrylonitrile

Concen: 97.68 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Instrument :

MSVOA_X

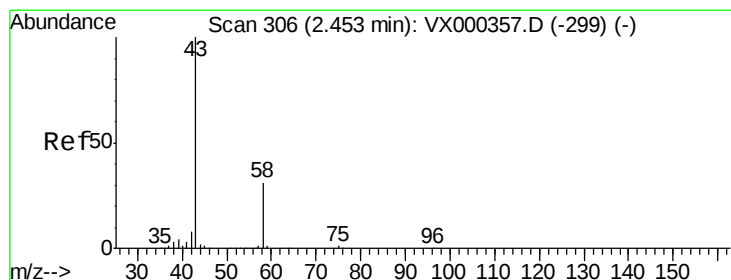
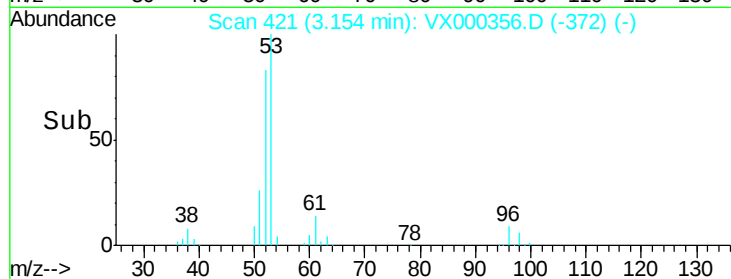
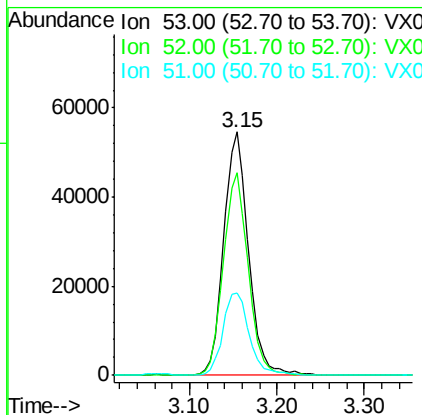
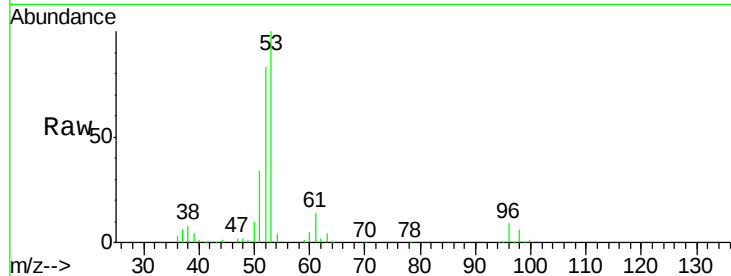
ClientSampleId :

VSTDIC020

Tot Ion:	53	Resp:	107521
Ion Ratio	Lower	Upper	
53	100		
52	83.2	66.6	99.8
51	36.2	29.3	43.9

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#16

Acetone

Concen: 110.05 ug/l

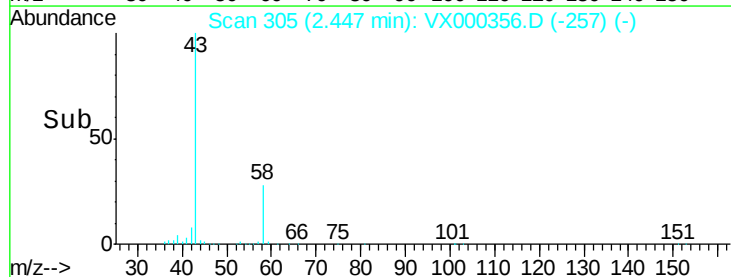
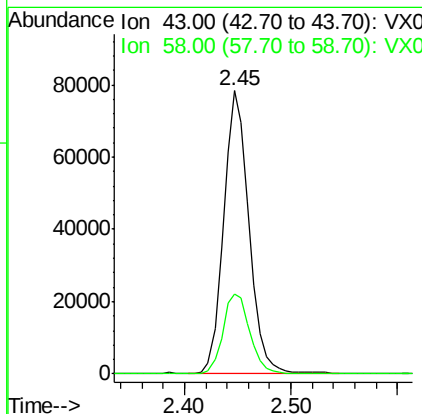
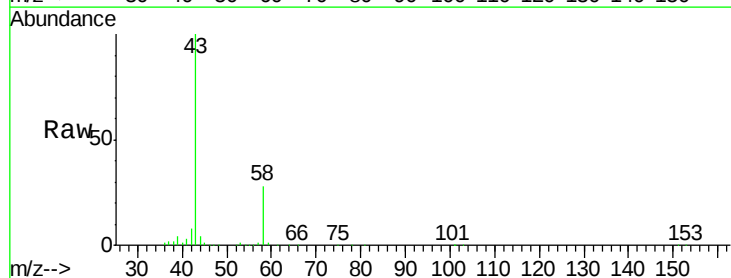
RT: 2.45 min Scan# 305

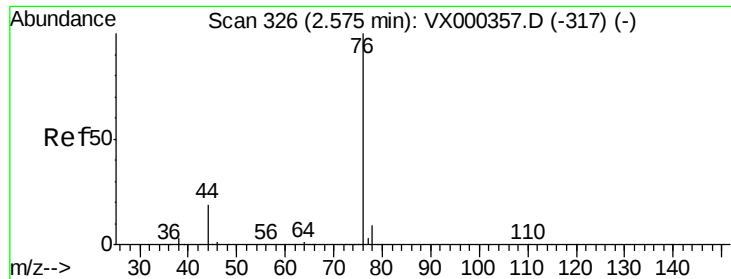
Delta R.T. -0.01 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Tgt Ion:	43	Resp:	129659
Ion Ratio	Lower	Upper	
43	100		
58	28.1	24.7	37.1





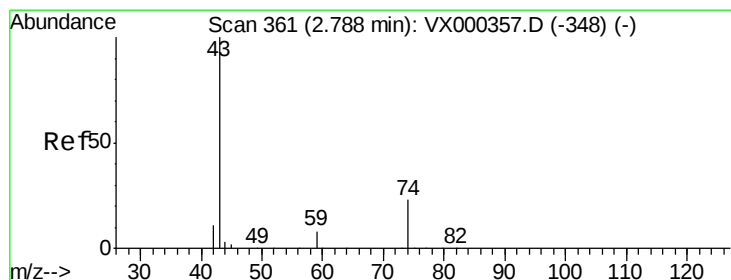
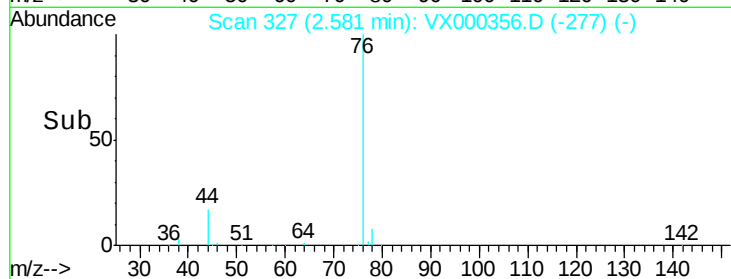
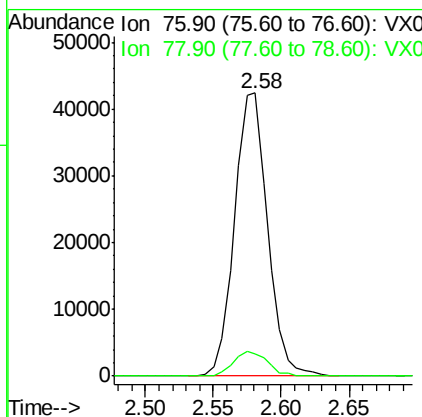
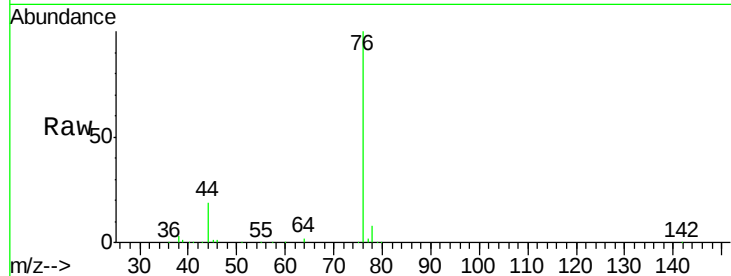
#17
Carbon Disulfide
Concen: 17.64 ug/l
RT: 2.58 min Scan# 327
Delta R.T. 0.01 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
76	100		
78	7.6	7.0	10.6

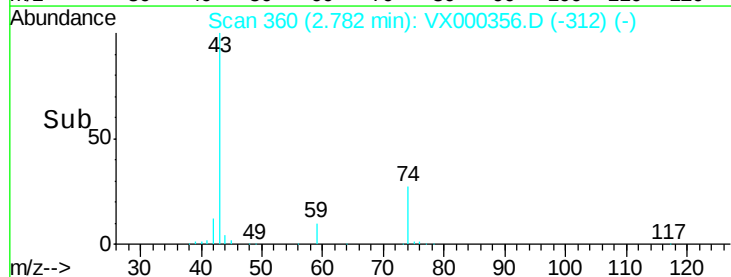
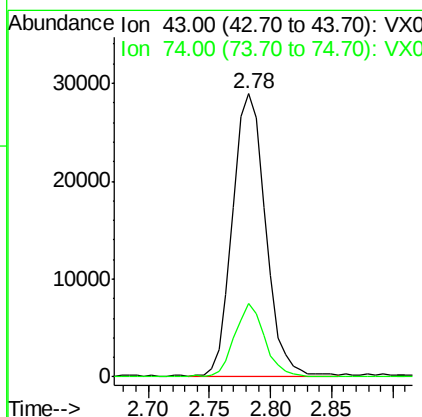
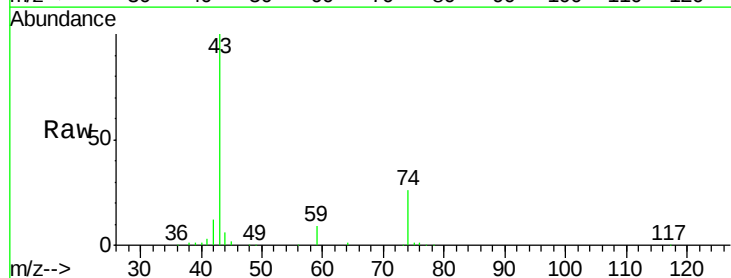
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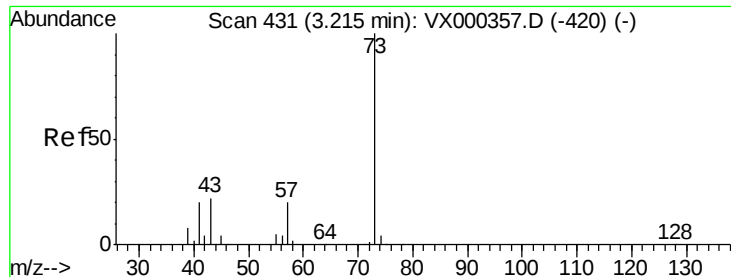
sam
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#18
Methyl Acetate
Concen: 20.35 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	19.4	29.2





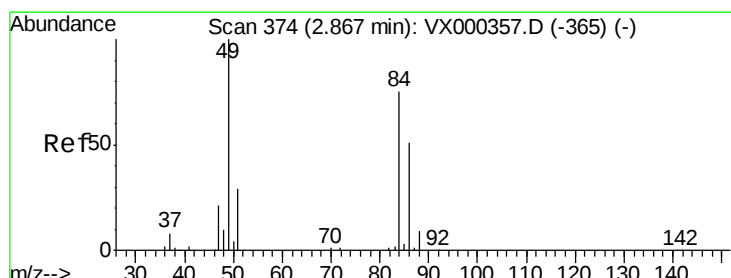
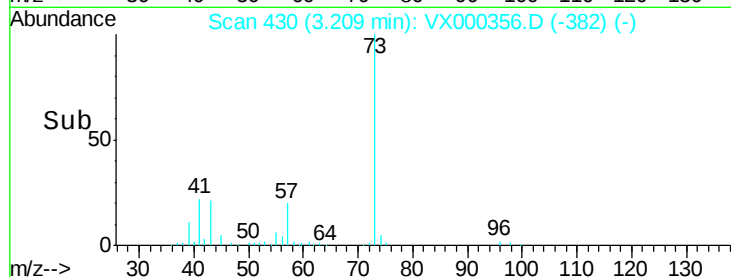
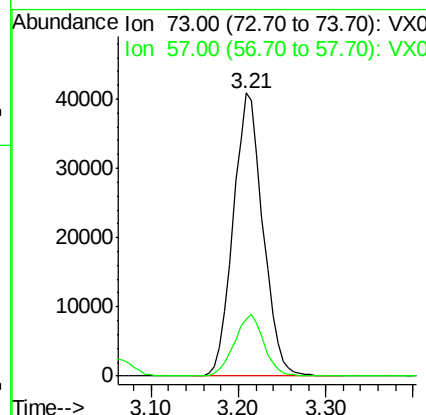
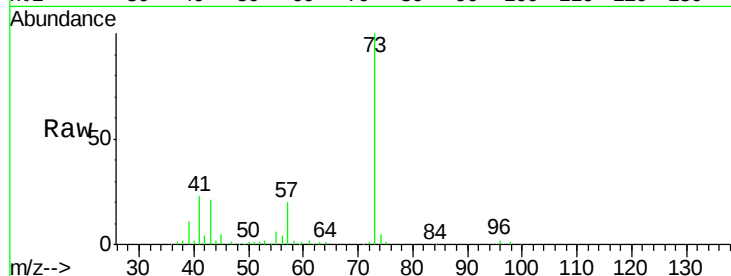
#19
Methyl tert-butyl Ether
Concen: 19.67 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 73 Resp: 96404
Ion Ratio Lower Upper
73 100
57 20.1 17.2 25.8

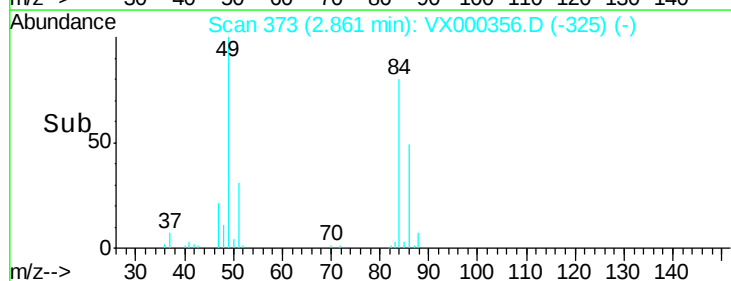
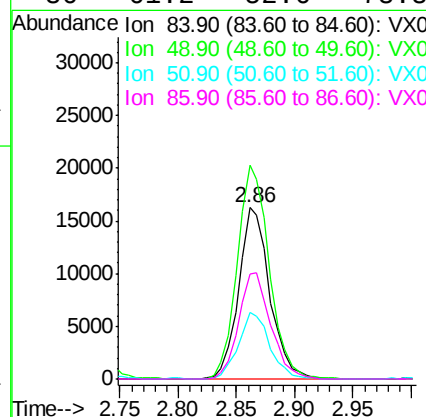
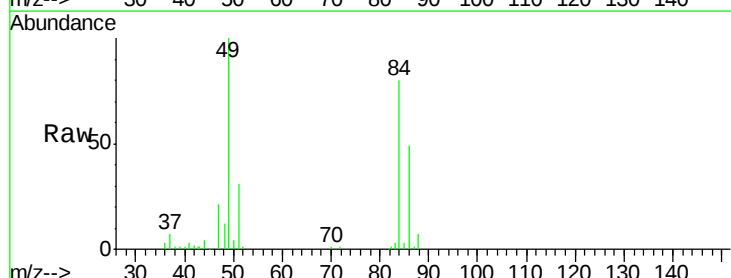
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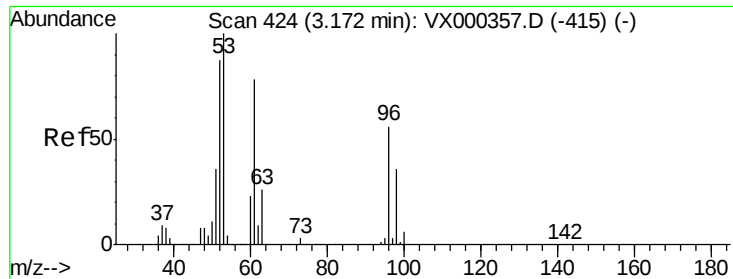
sam
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#20
Methylene Chloride
Concen: 19.90 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Tgt Ion: 84 Resp: 30350
Ion Ratio Lower Upper
84 100
49 124.9 100.6 151.0
51 38.9 31.6 47.4
86 61.2 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 18.52 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Instrument :

MSVOA_X

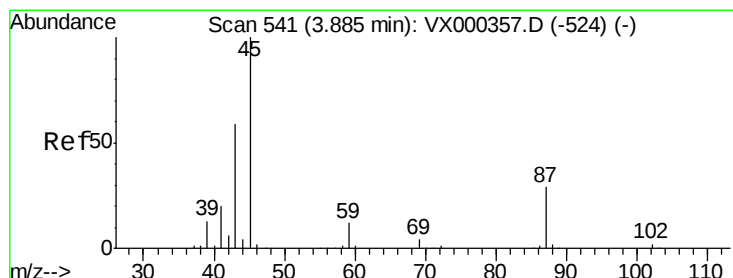
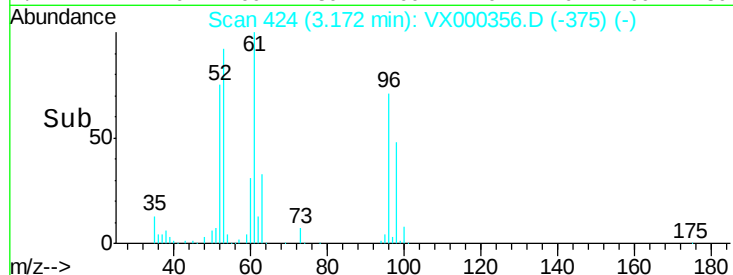
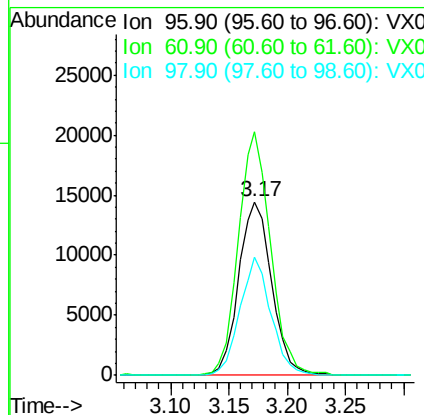
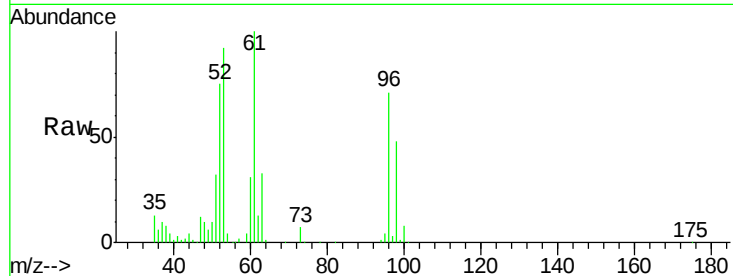
ClientSampleId :

VSTDIC020

Tot Ion:	96	Resp:	28502
Ion	Ratio	Lower	Upper
96	100		
61	140.1	104.0	156.0
98	67.9	52.1	78.1

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#22

Diisopropyl ether

Concen: 21.80 ug/l

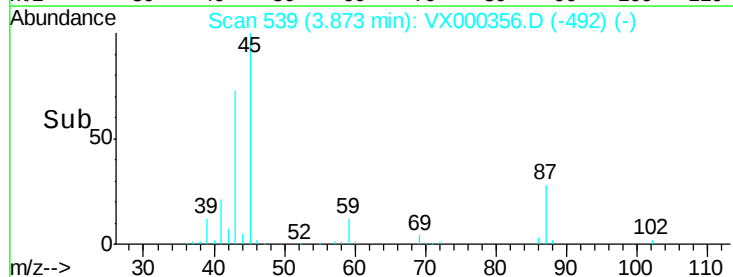
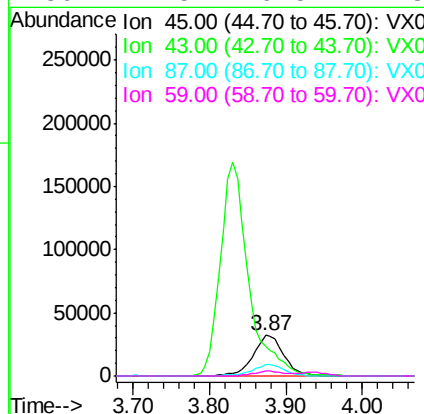
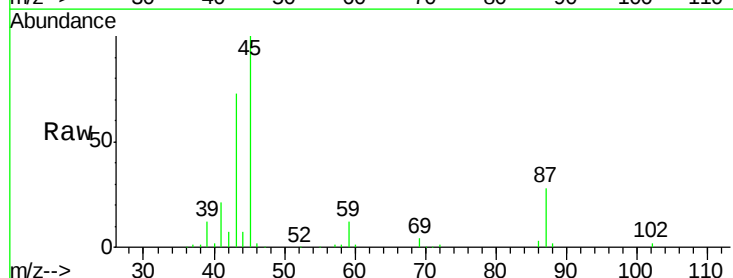
RT: 3.87 min Scan# 539

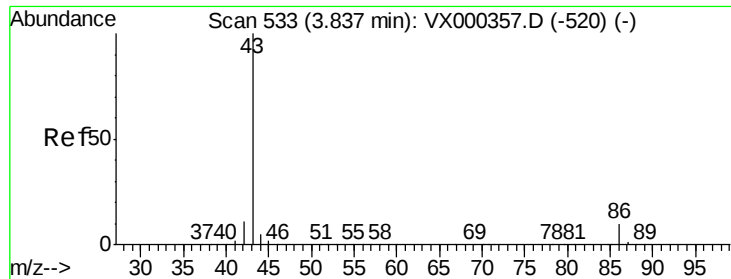
Delta R.T. -0.01 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Tgt Ion:	45	Resp:	90074
Ion	Ratio	Lower	Upper
45	100		
43	72.2	53.9	80.9
87	28.4	22.6	34.0
59	11.5	9.5	14.3





#23

Vinyl Acetate

Concen: 110.87 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 436653

Ion Ratio Lower Upper

43 100

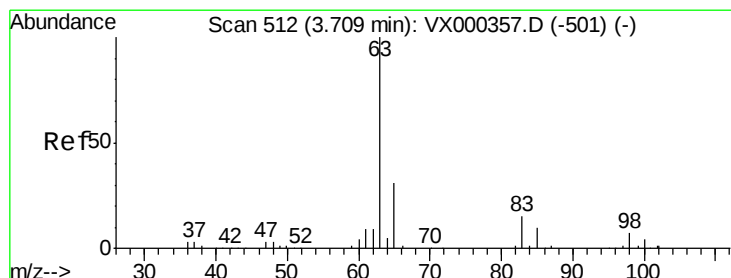
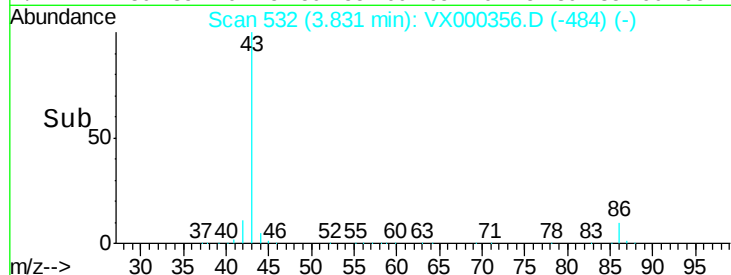
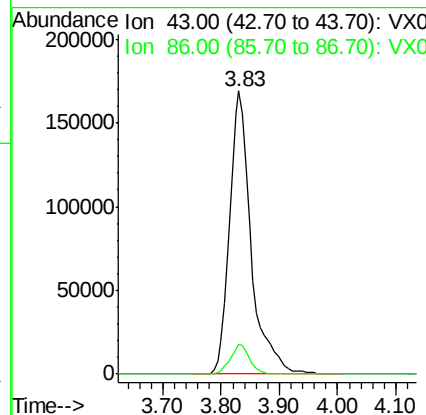
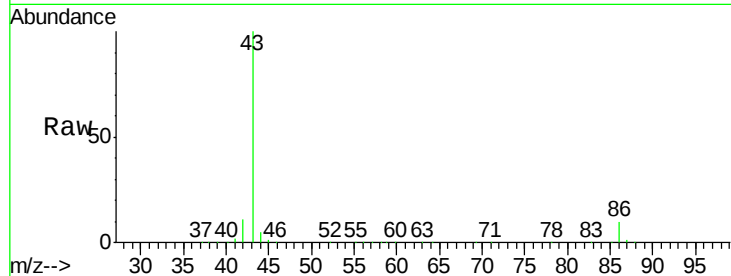
86 10.4 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 20.52 ug/l

RT: 3.71 min Scan# 512

Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

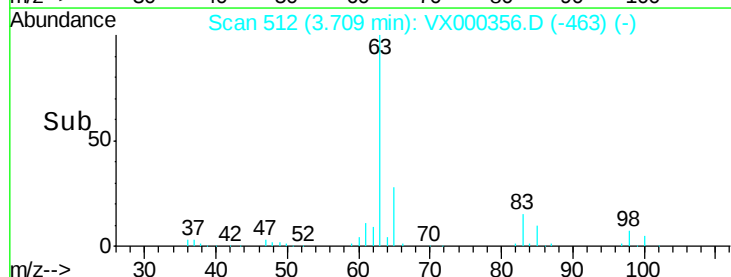
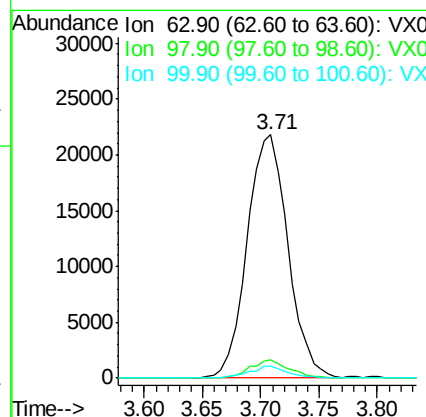
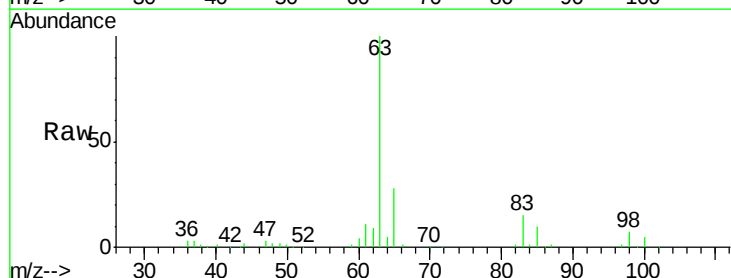
Tgt Ion: 63 Resp: 53348

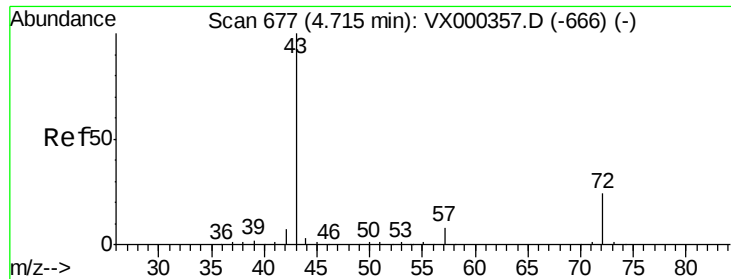
Ion Ratio Lower Upper

63 100

98 7.3 3.3 9.9

100 4.9 2.0 5.8





#25

2-Butanone

Concen: 102.58 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 144442

Ion Ratio Lower Upper

43 100

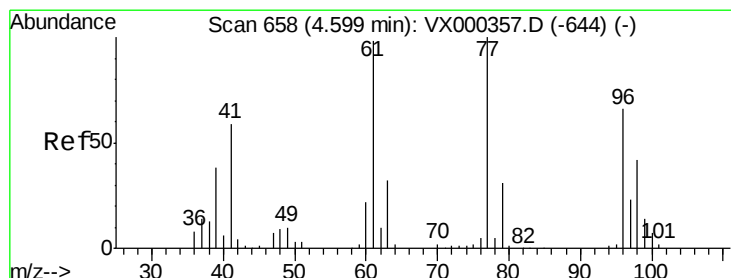
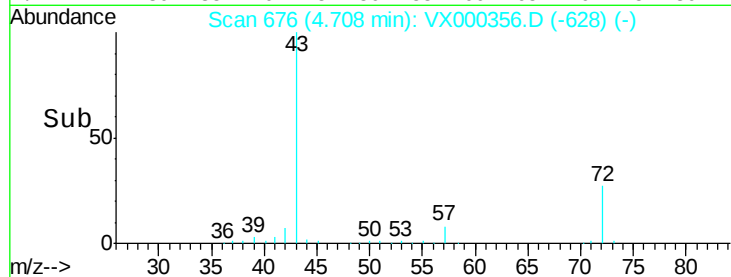
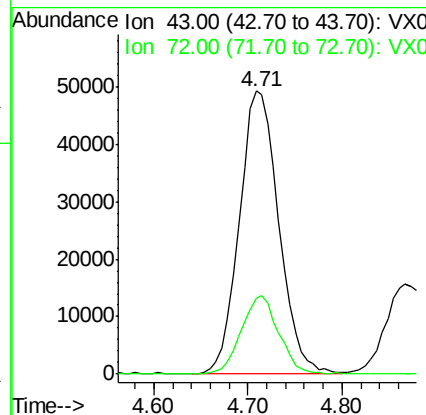
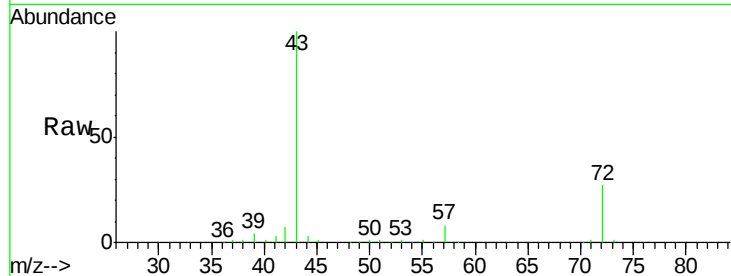
72 26.8 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.57 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000356.D

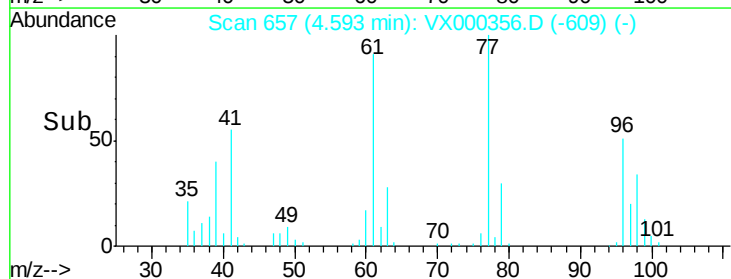
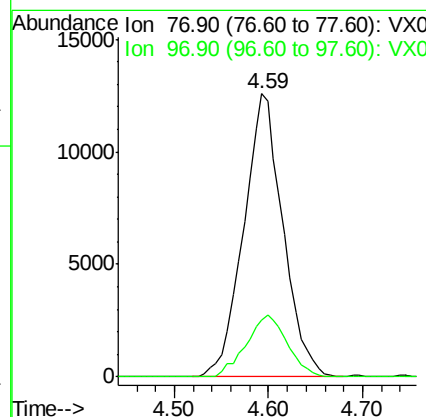
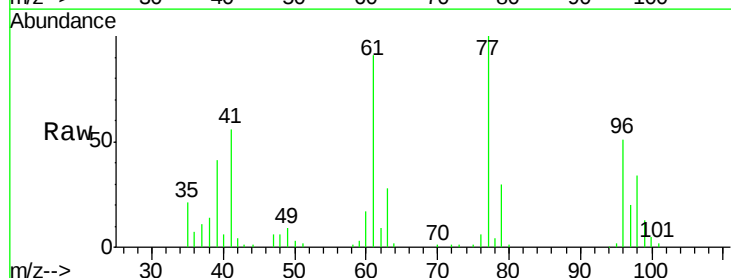
Acq: 20 Mar 2018 11:18

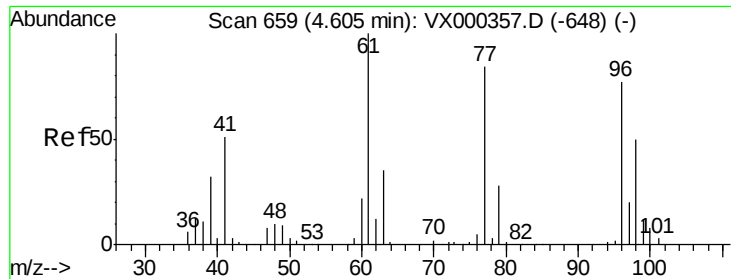
Tgt Ion: 77 Resp: 36718

Ion Ratio Lower Upper

77 100

97 22.7 11.3 33.8





#27

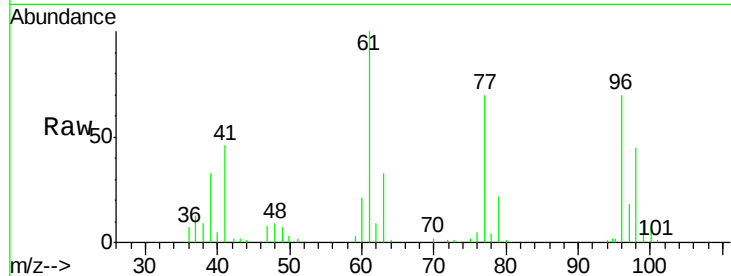
cis-1,2-Dichloroethene
Concen: 18.96 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

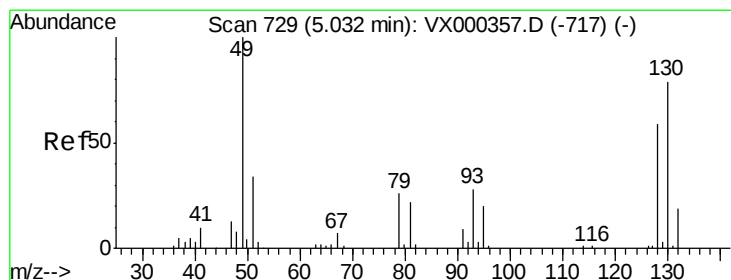
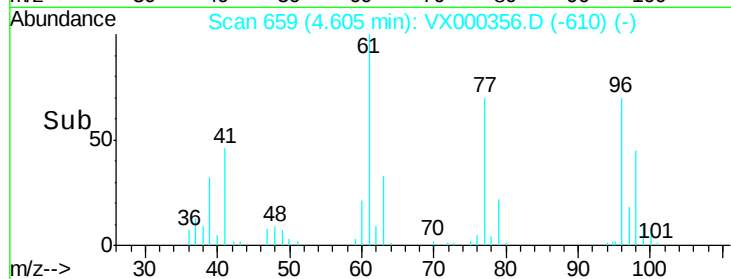
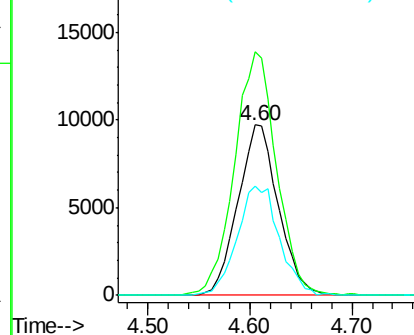
Tot Ion	Ratio	Resp	Lower	Upper
96	100	26656		
61	148.5	0.0	291.6	
98	66.6	0.0	132.0	

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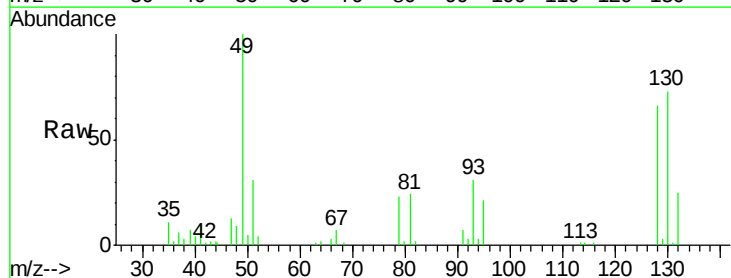
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



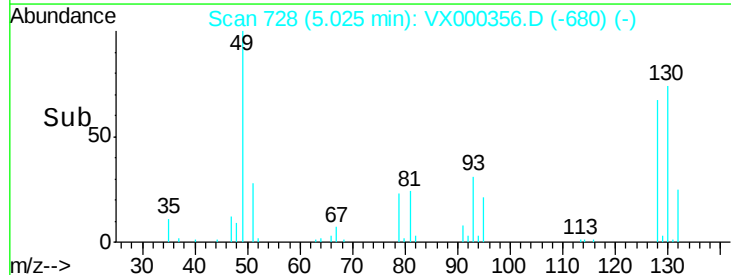
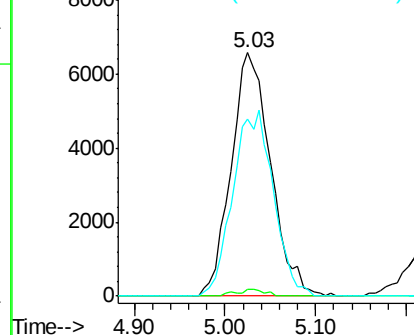
#28

Bromochloromethane
Concen: 18.21 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	19894		
129	2.0	0.0	5.0	
130	78.0	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





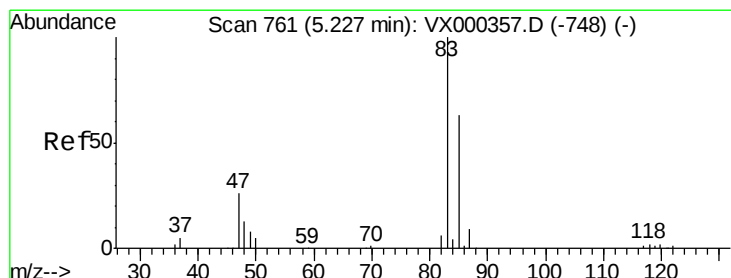
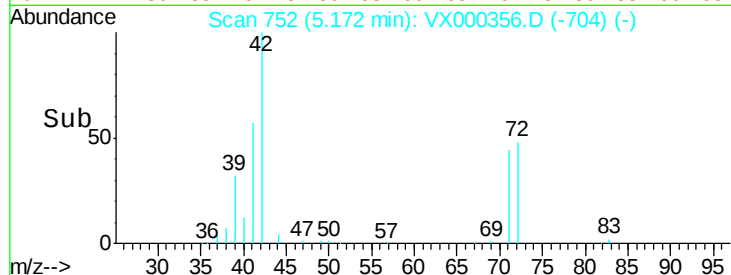
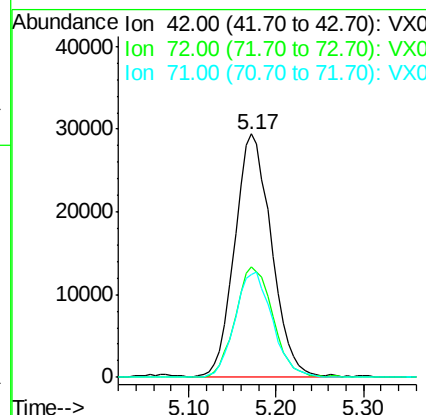
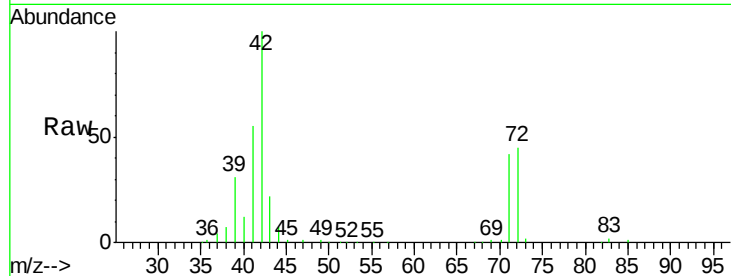
#29
Tetrahydrofuran
Concen: 95.00 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.6	37.9	56.9
71	44.0	34.4	51.6

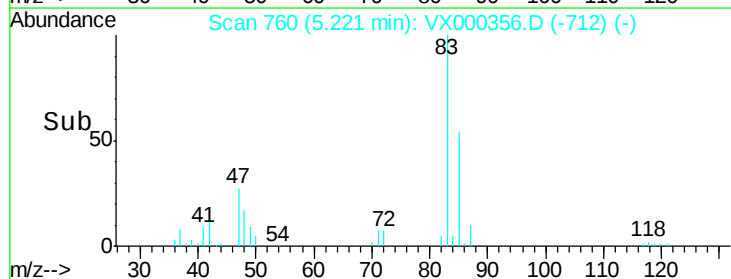
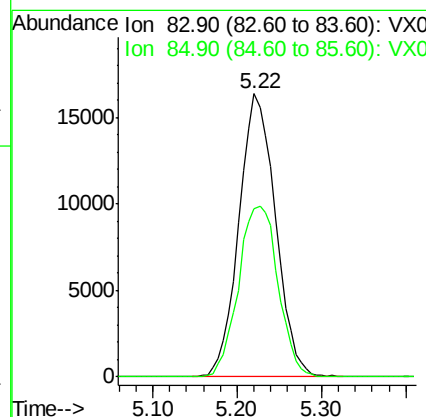
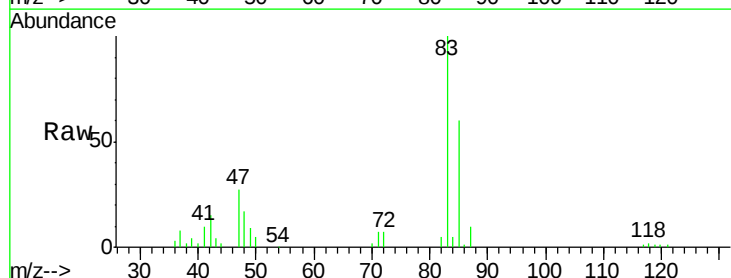
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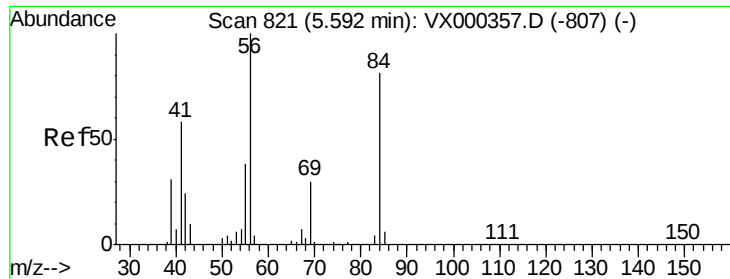
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#30
Chloroform
Concen: 19.63 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	59.6	53.3	79.9





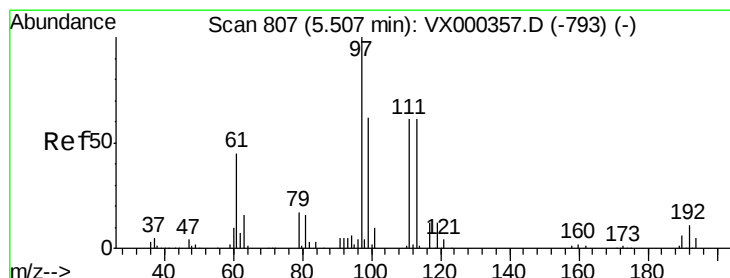
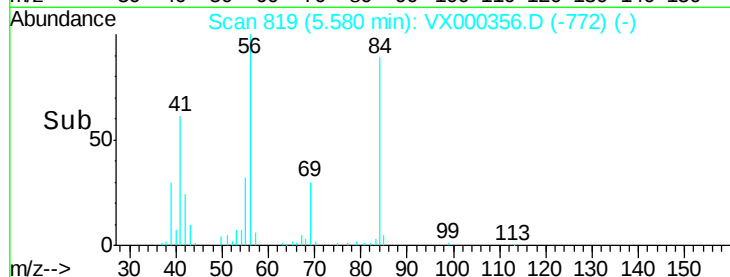
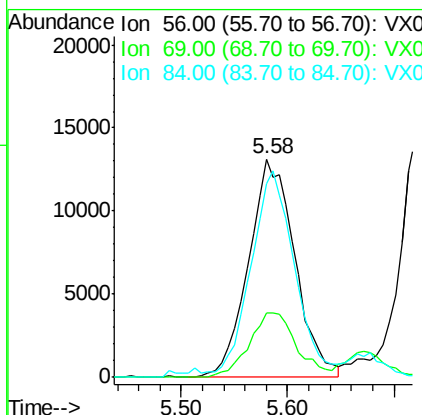
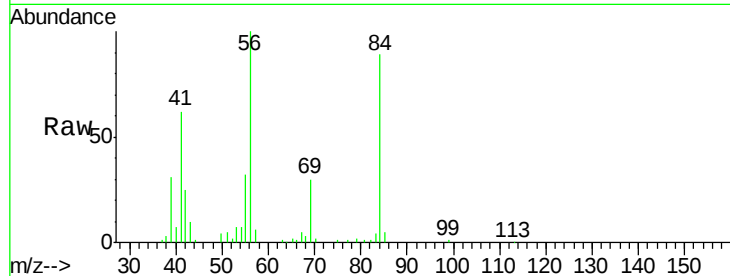
#31
Cyclohexane
Concen: 20.00 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.8	23.4	35.0
84	87.4	71.0	106.4

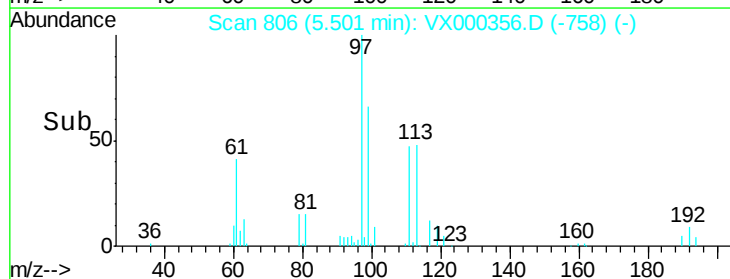
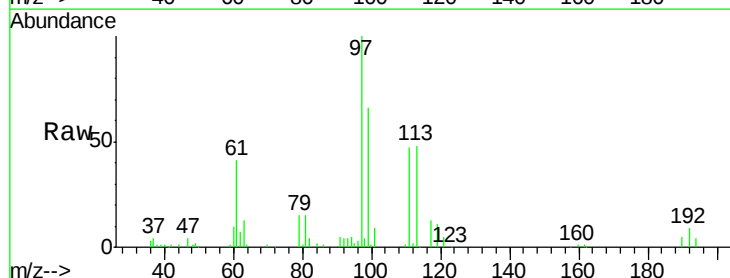
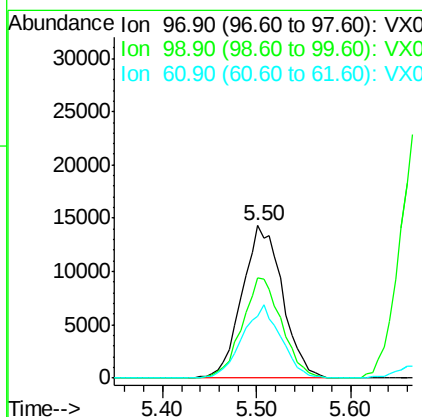
Manual Integrations
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#32
1,1,1-Trichloroethane
Concen: 19.83 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	52.1	78.1
61	45.5	36.2	54.4





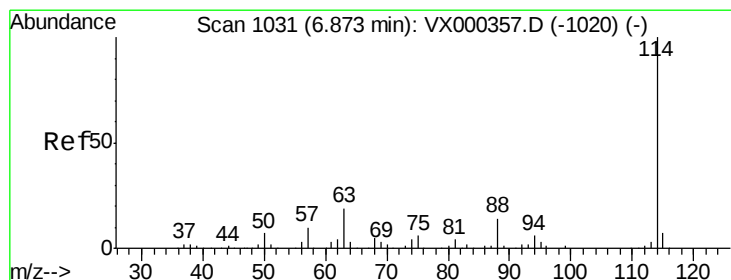
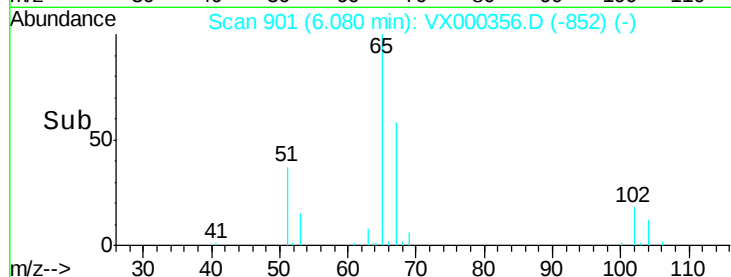
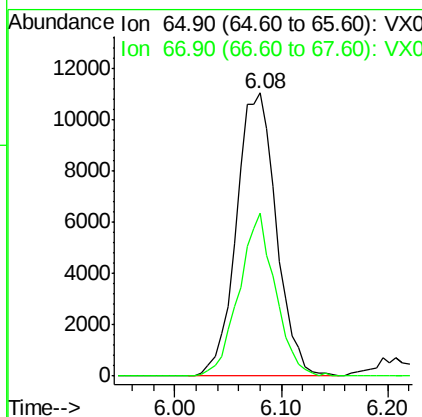
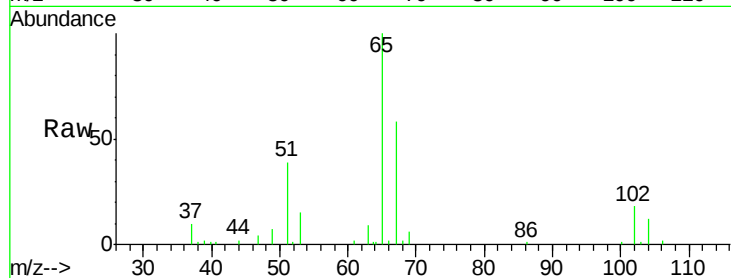
#33
 1,2-Dichloroethane-d4
 Concen: 16.43 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000356.D
 Acq: 20 Mar 2018 11:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	103.2

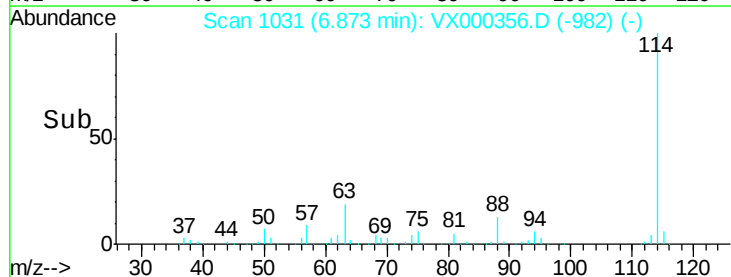
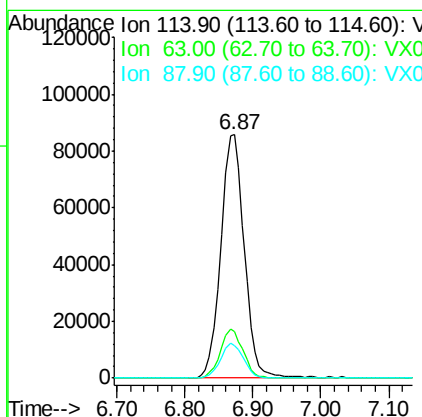
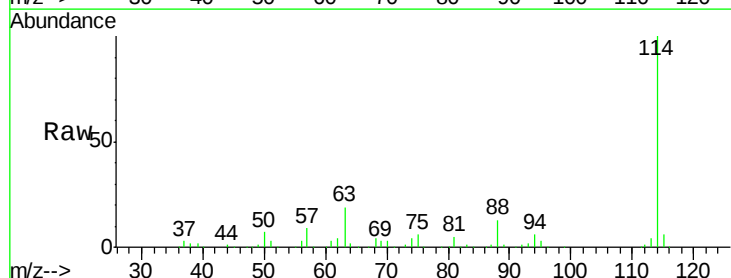
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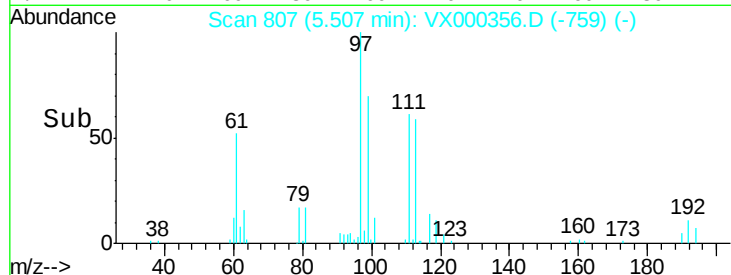
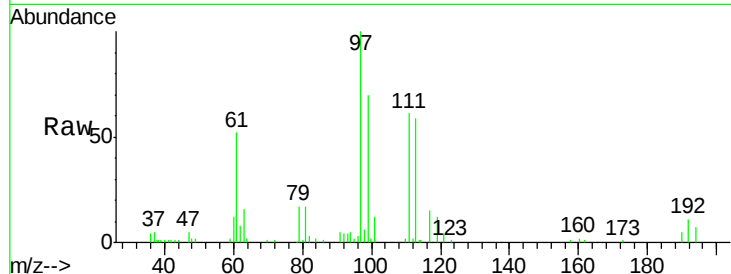
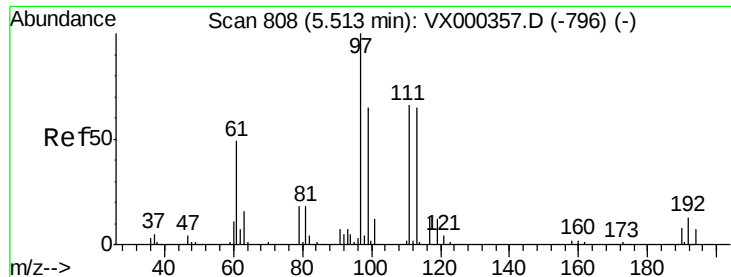
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000356.D
 Acq: 20 Mar 2018 11:18

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	38.4
88	13.4	0.0	27.0





#35

Dibromofluoromethane

Concen: 17.15 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX000356.D

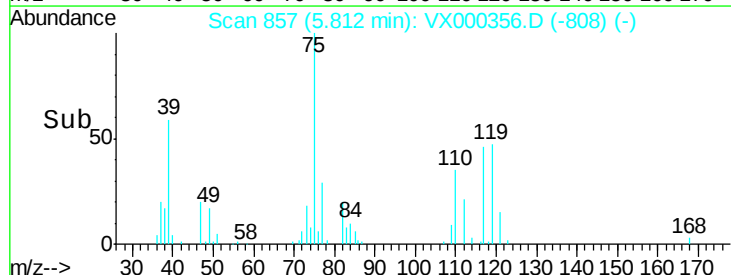
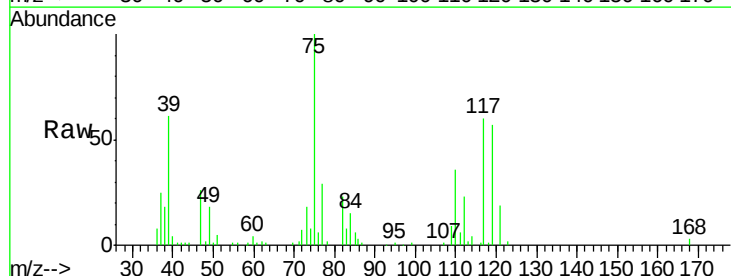
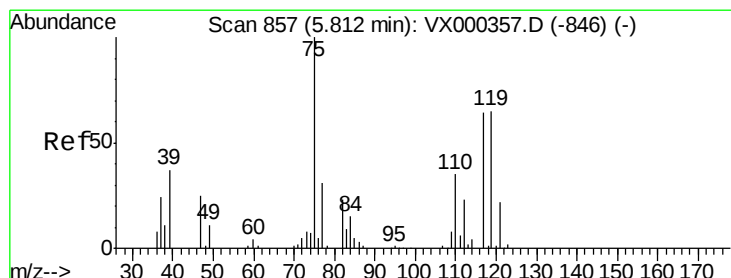
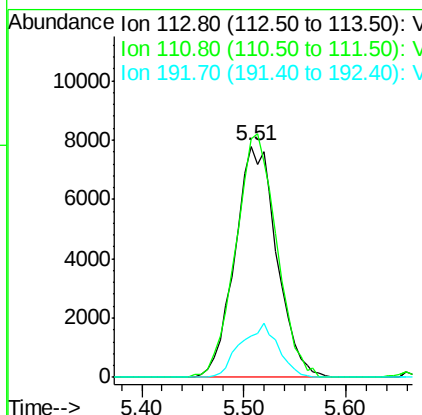
Acq: 20 Mar 2018 11:18

Tot Ion:	113	Resp:	22187
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.4	123.6
192	21.1	15.8	23.6

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.10 ug/l

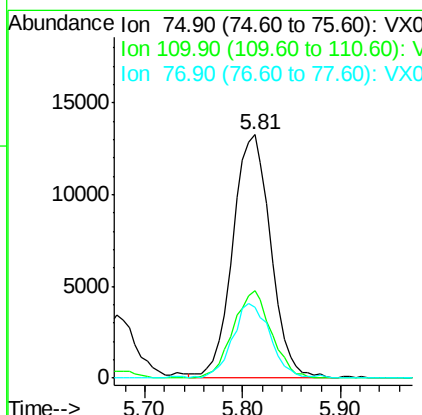
RT: 5.81 min Scan# 857

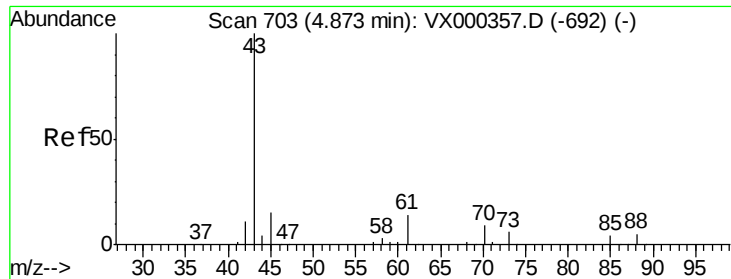
Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Tgt Ion:	75	Resp:	35578
Ion	Ratio	Lower	Upper
75	100		
110	36.3	17.9	53.7
77	30.5	24.0	36.0





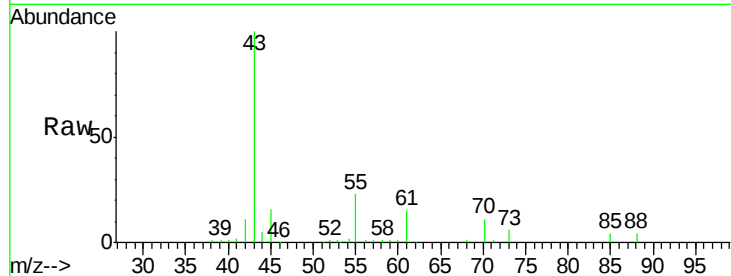
#37
Ethyl Acetate
Concen: 19.10 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.1	16.7
70	9.6	7.7	11.5

Manual Integrations
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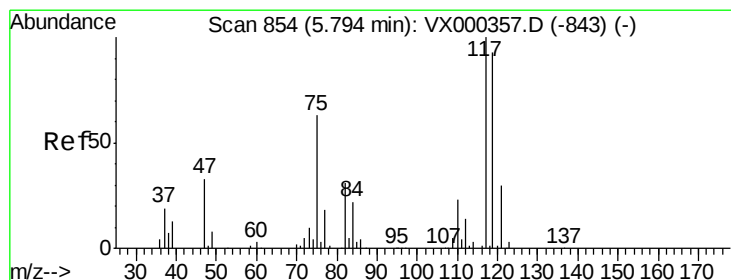
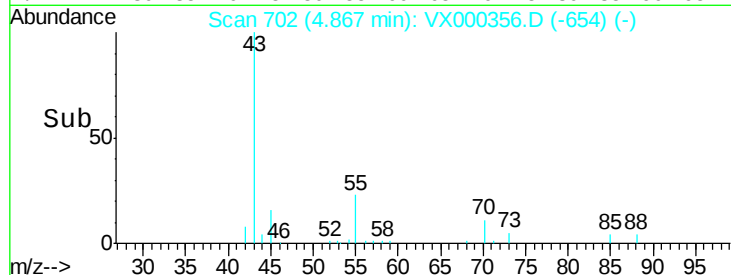
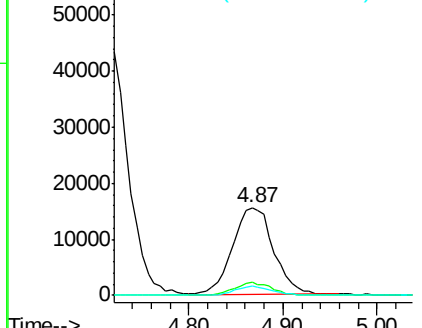
sam
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Abundance Ion 43.00 (42.70 to 43.70): VX000357.D (-692) (-)

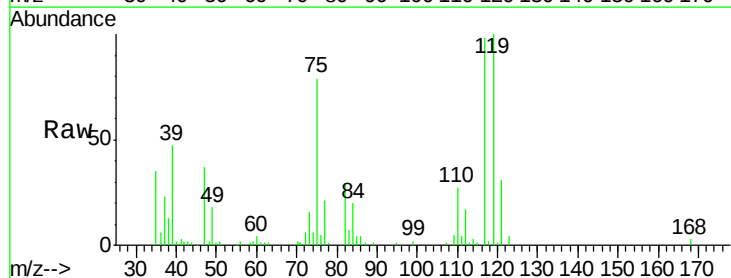
Ion 60.90 (60.60 to 61.60): VX000357.D (-692) (-)

Ion 70.00 (69.70 to 70.70): VX000357.D (-692) (-)



#38
Carbon Tetrachloride
Concen: 19.62 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

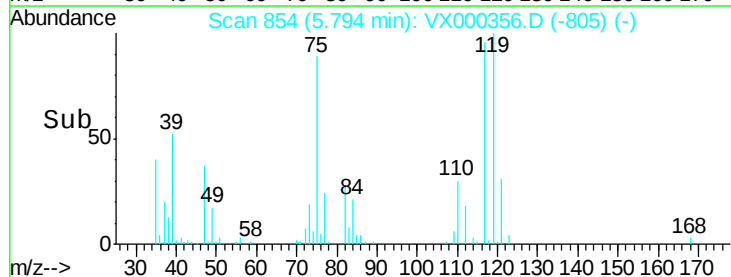
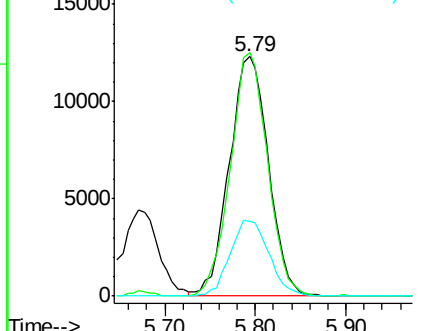
Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.6	77.4	116.2
121	31.3	24.8	37.2

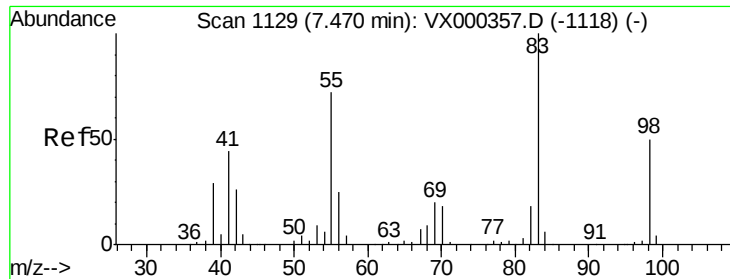


Abundance Ion 116.80 (116.50 to 117.50): VX000357.D (-843) (-)

Ion 118.80 (118.50 to 119.50): VX000357.D (-843) (-)

Ion 120.80 (120.50 to 121.50): VX000357.D (-843) (-)





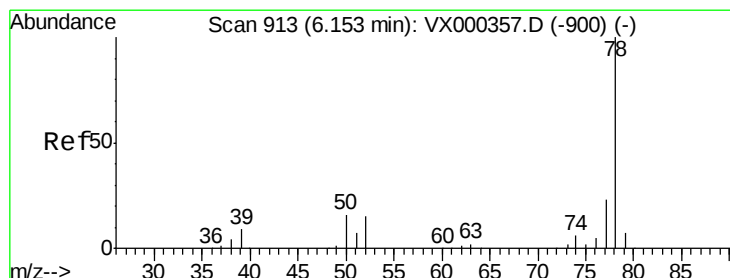
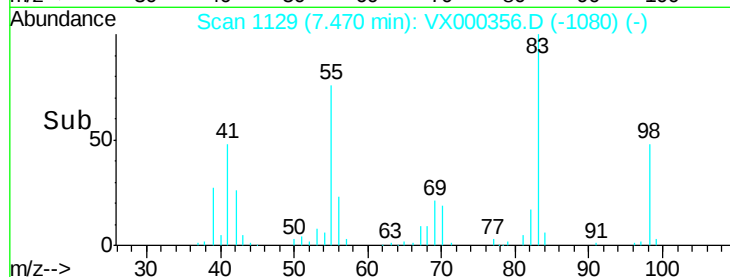
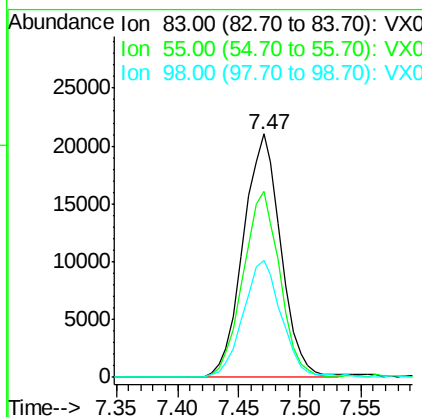
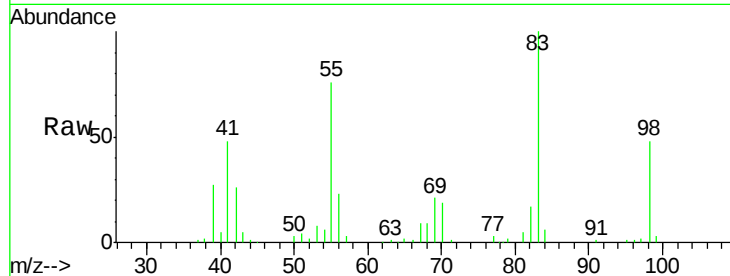
#39
Methvlcvclohexane
Concen: 20.75 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.4	55.5	83.3
98	48.1	38.2	57.4

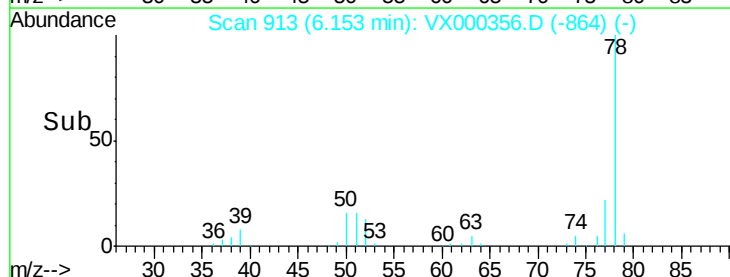
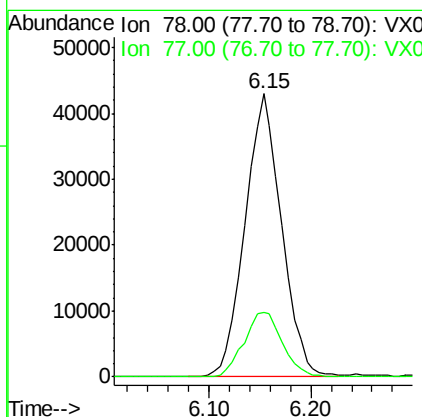
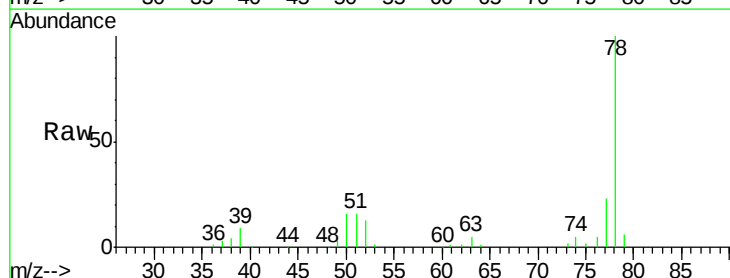
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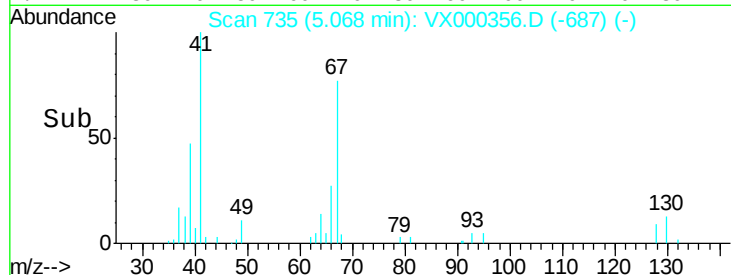
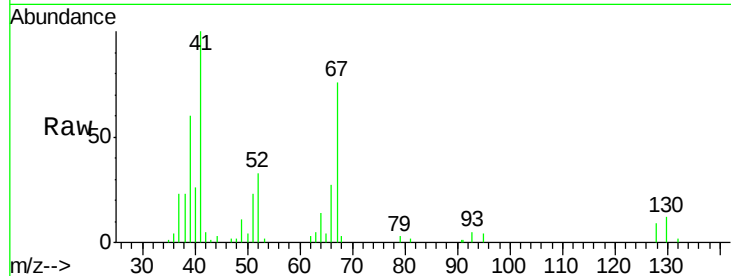
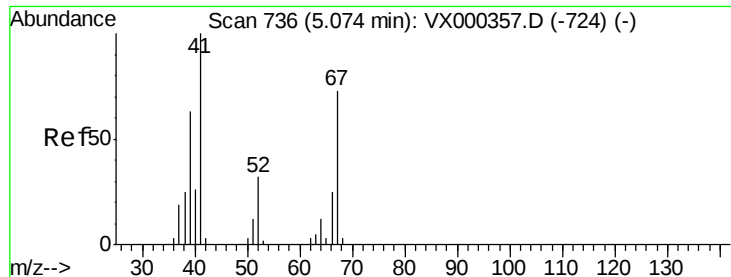
sam
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#40
Benzene
Concen: 20.26 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.7	28.1





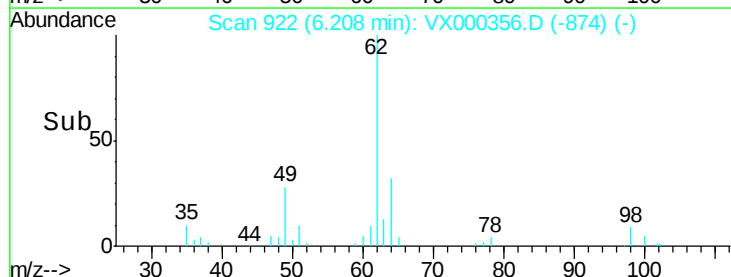
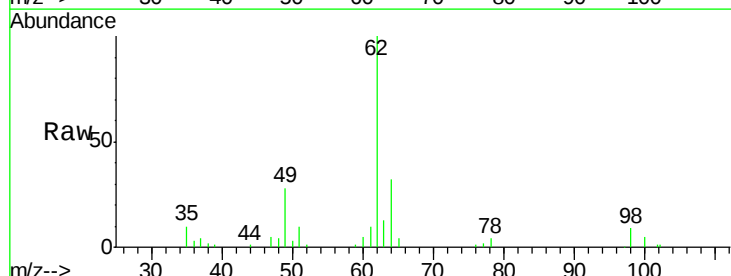
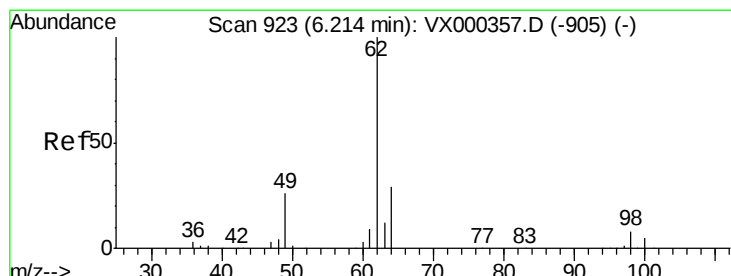
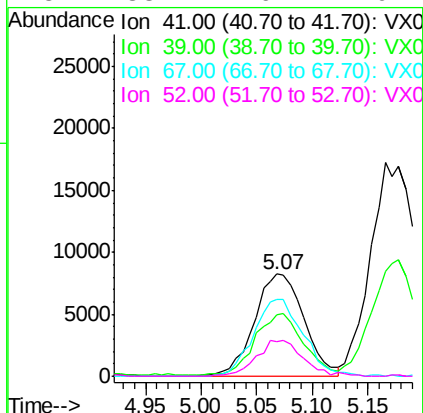
#41
Methacrylonitrile
Concen: 19.66 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Tot Ion:	41	Resp:	25557
Ion Ratio	Lower	Upper	
41	100		
39	57.8	45.7	68.5
67	75.1	57.8	86.8
52	33.1	26.7	40.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

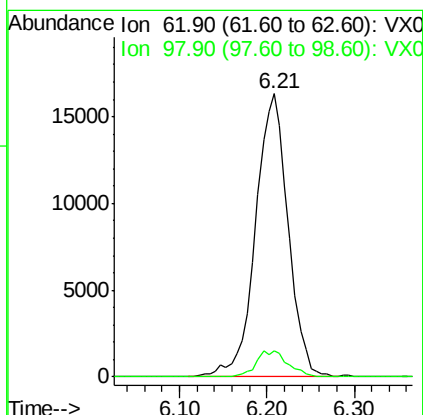
Manual Integrations
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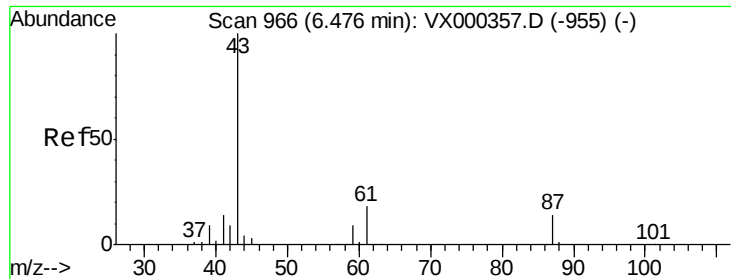
sam
3/21/2018 11:44:06 AM



#42
1,2-Dichloroethane
Concen: 20.22 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.01 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Tgt Ion:	62	Resp:	42358
Ion Ratio	Lower	Upper	
62	100		
98	8.8	0.0	15.8





#43

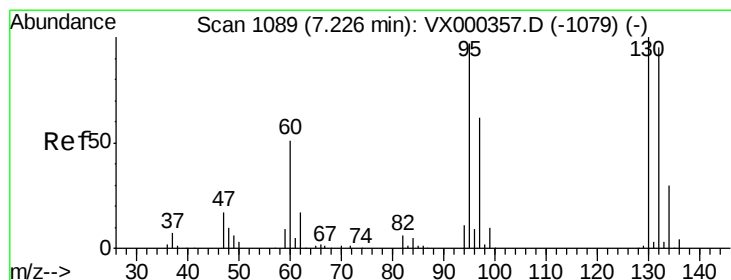
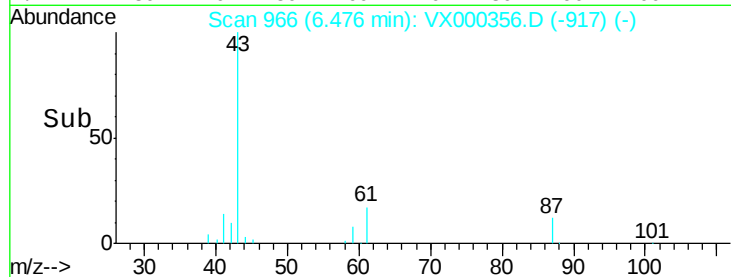
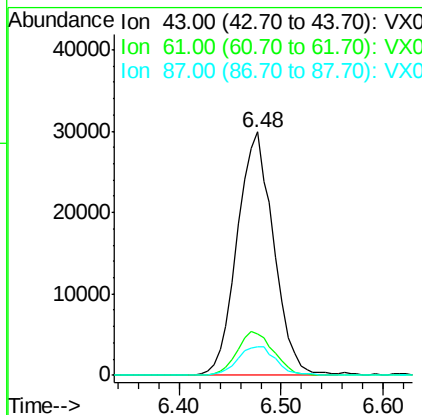
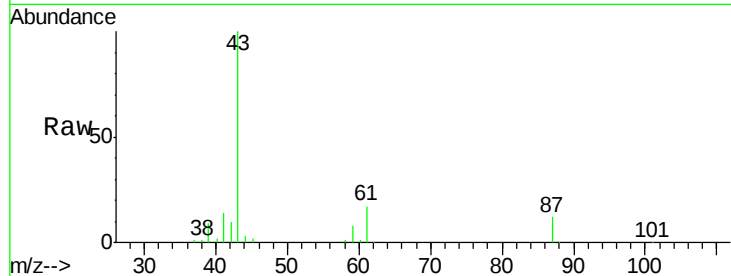
Isopropyl Acetate
 Concen: 20.74 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX000356.D
 Acq: 20 Mar 2018 11:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.4	21.6
87	12.5	11.0	16.4

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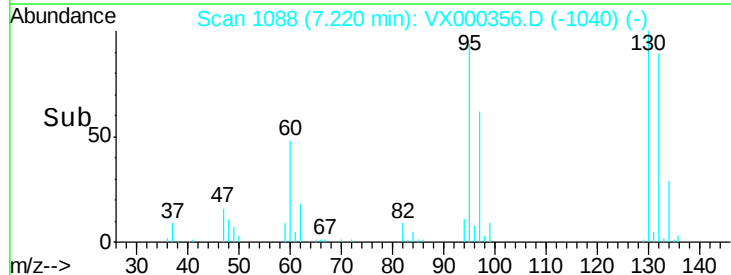
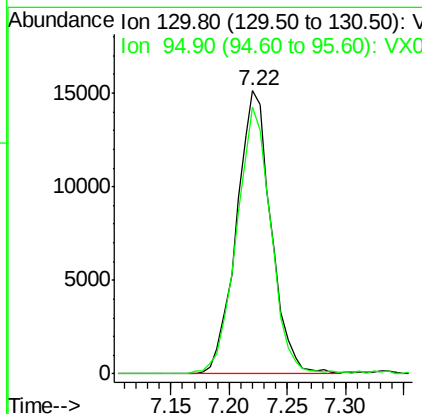
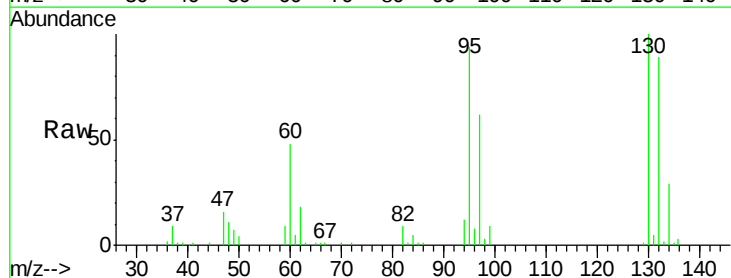
sam
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#44

Trichloroethene
 Concen: 20.41 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VX000356.D
 Acq: 20 Mar 2018 11:18

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.0	0.0	186.0





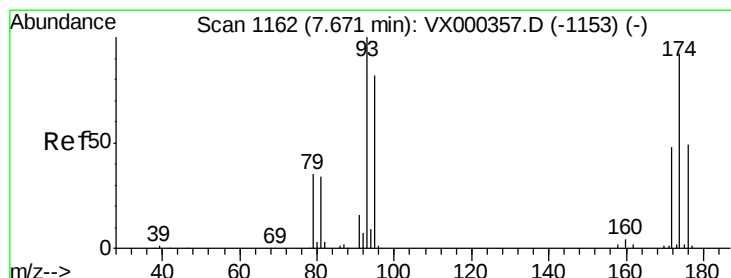
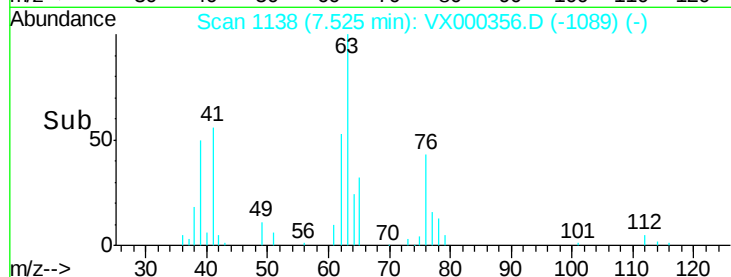
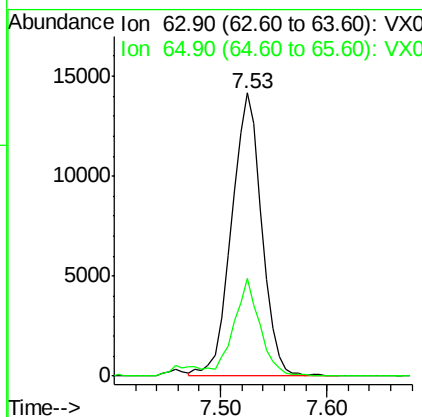
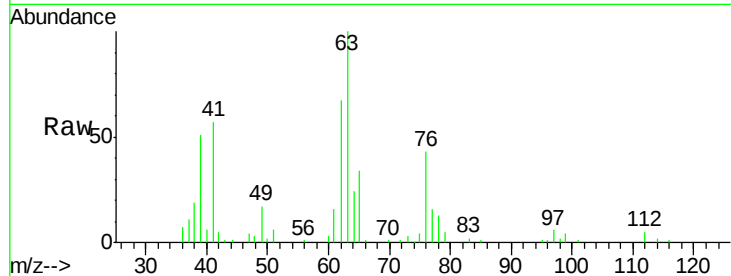
#45
1,2-Dichloropropane
Concen: 21.58 ug/l
RT: 7.53 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 63 Resp: 28132
Ion Ratio Lower Upper
63 100
65 34.4 24.6 36.8

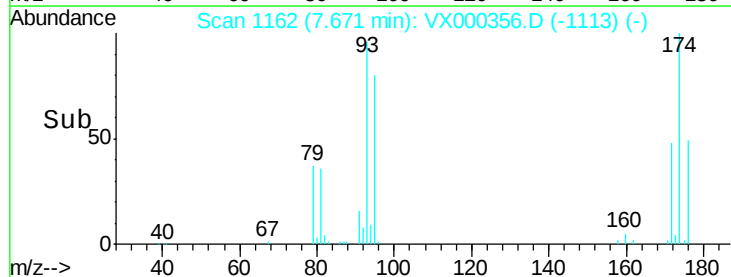
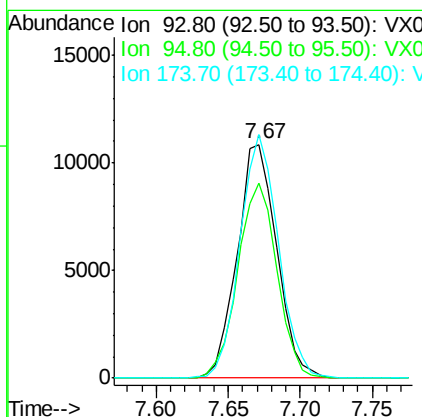
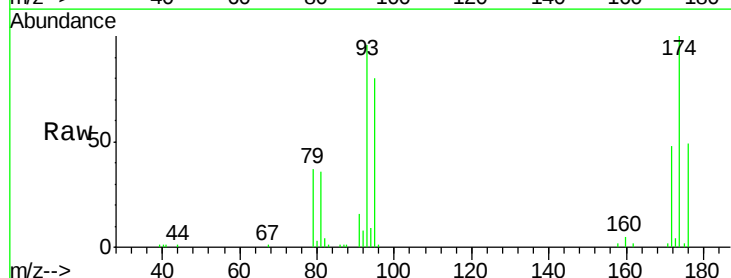
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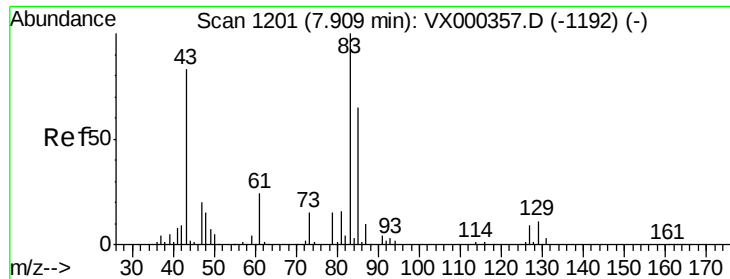
sam
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#46
Dibromomethane
Concen: 19.81 ug/l
RT: 7.67 min Scan# 1162
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Tgt Ion: 93 Resp: 20748
Ion Ratio Lower Upper
93 100
95 82.4 66.5 99.7
174 101.1 76.0 114.0





#47

Bromodichloromethane

Concen: 20.43 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000356.D

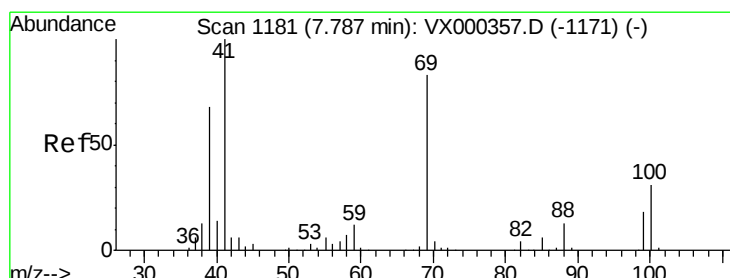
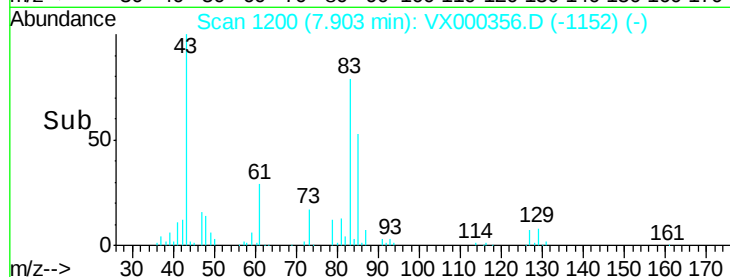
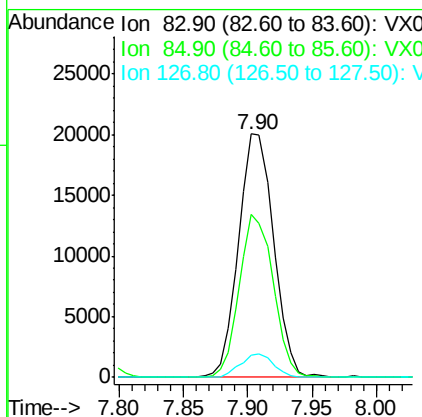
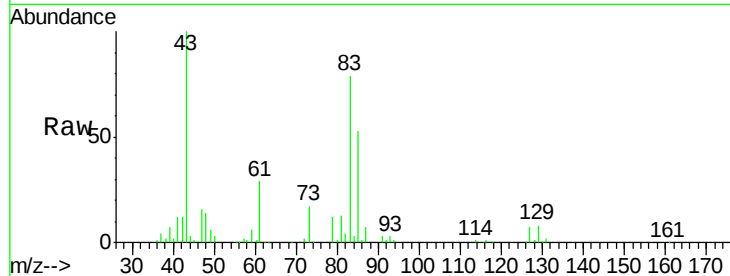
Acq: 20 Mar 2018 11:18

Tot Ion:	83	Resp:	37979
Ion	Ratio	Lower	Upper
83	100		
85	66.7	51.4	77.0
127	9.0	7.0	10.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

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#48

Methyl methacrylate

Concen: 19.54 ug/l

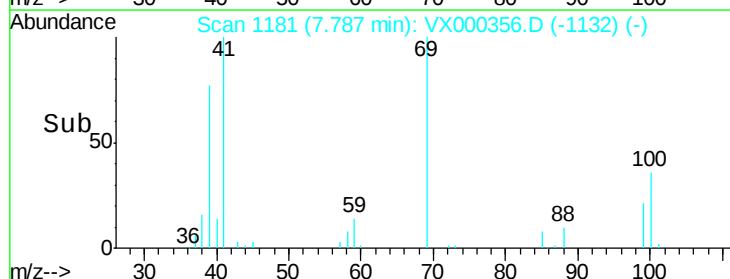
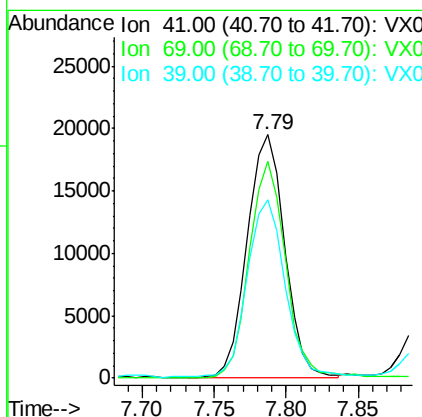
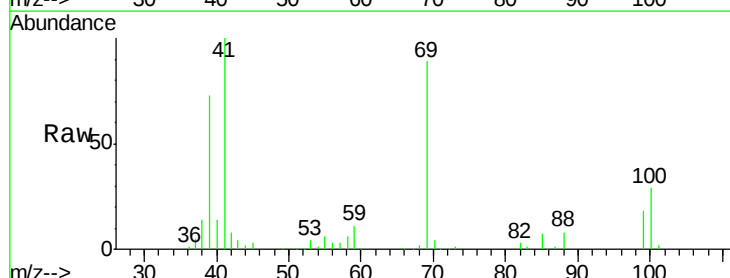
RT: 7.79 min Scan# 1181

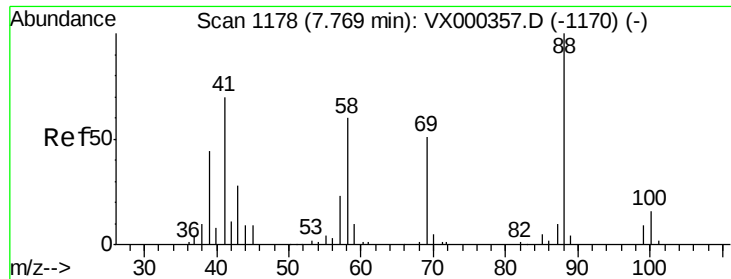
Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Tgt Ion:	41	Resp:	35315
Ion	Ratio	Lower	Upper
41	100		
69	87.0	68.2	102.4
39	73.5	54.6	81.8





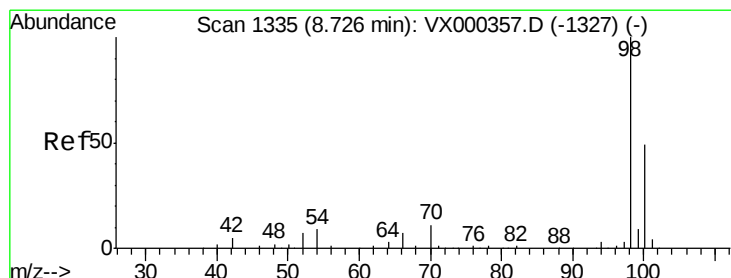
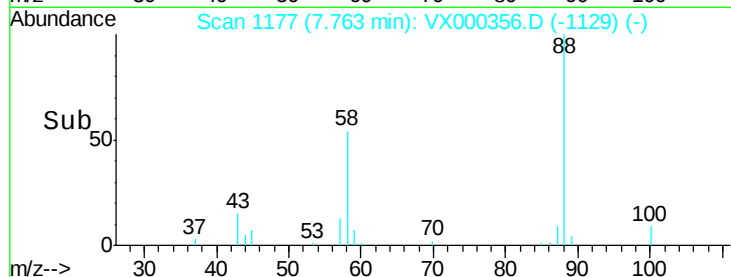
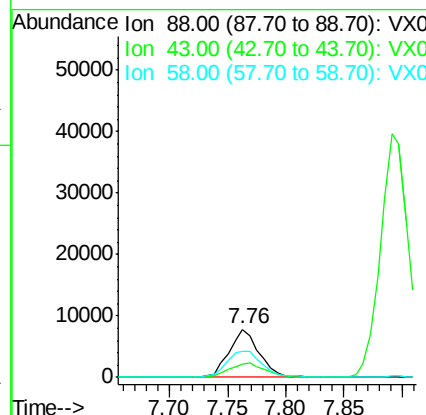
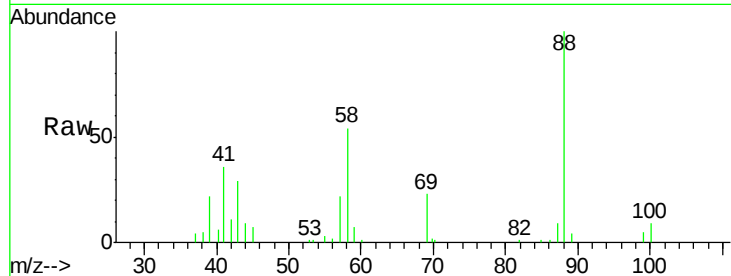
#49
1,4-Dioxane
Concen: 343.66 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.4	26.8	40.2
58	64.4	52.2	78.2

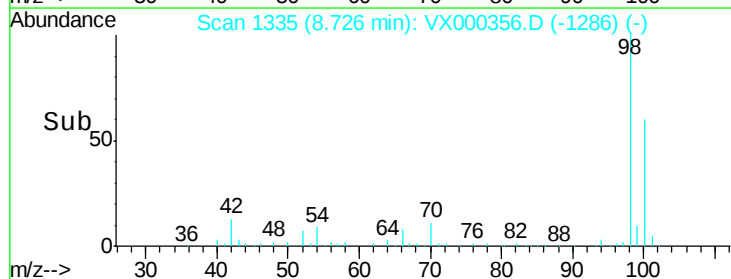
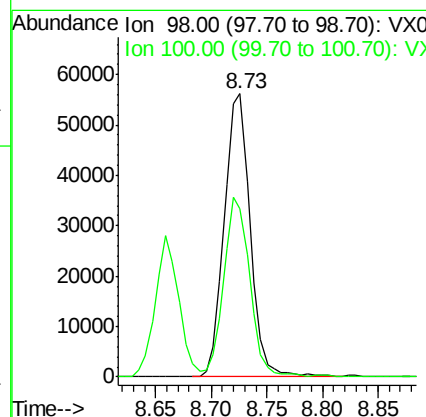
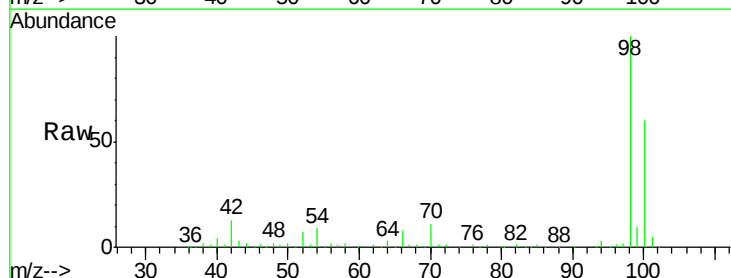
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#50
Toluene-d8
Concen: 16.84 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.8	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 103.74 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 287911

Ion Ratio Lower Upper

43 100

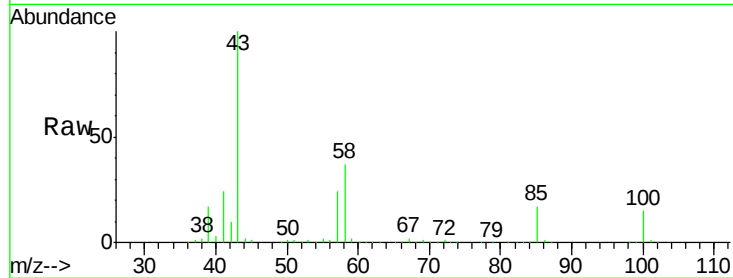
58 37.3 30.3 45.5

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

200000

150000

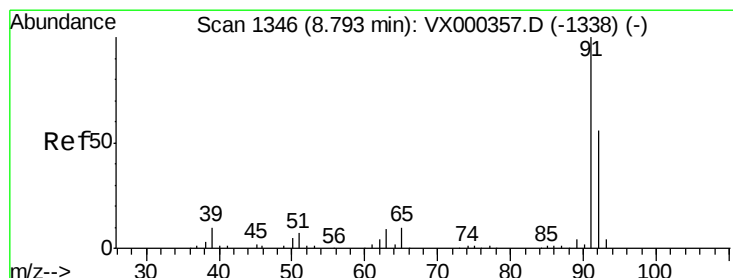
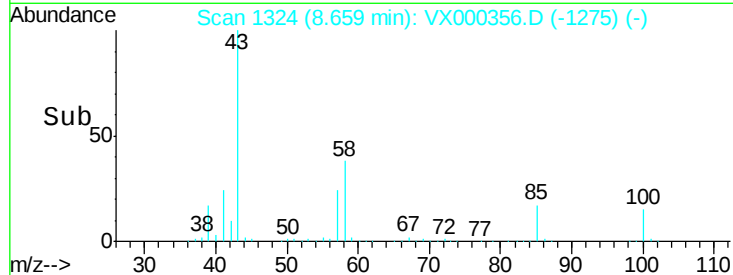
100000

50000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 19.67 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000356.D

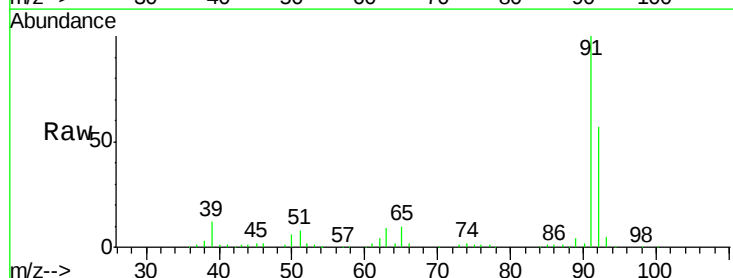
Acq: 20 Mar 2018 11:18

Tgt Ion: 92 Resp: 73036

Ion Ratio Lower Upper

92 100

91 177.2 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

80000

60000

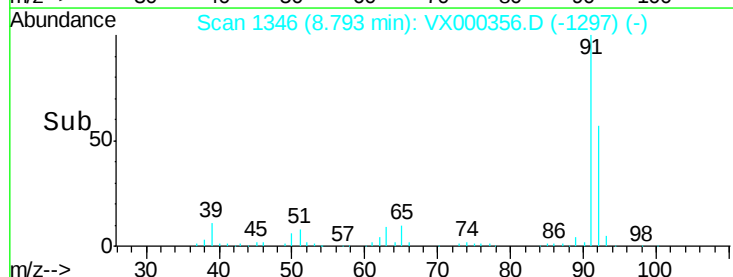
40000

20000

0

8.70 8.80 8.90

Time-->





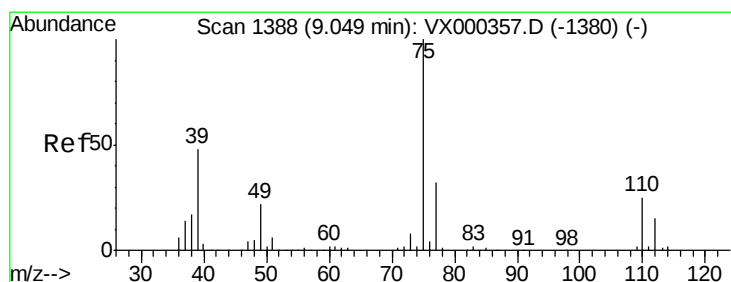
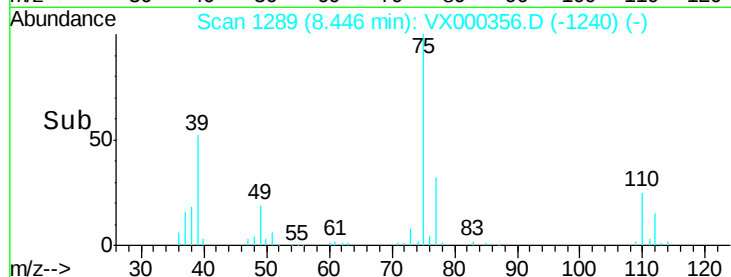
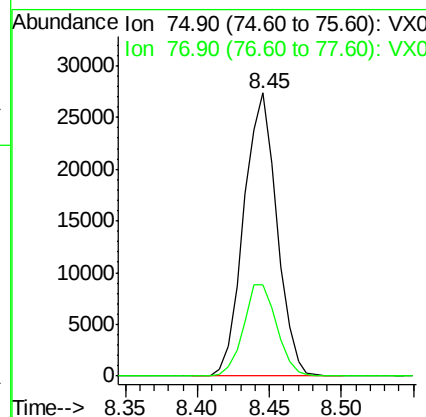
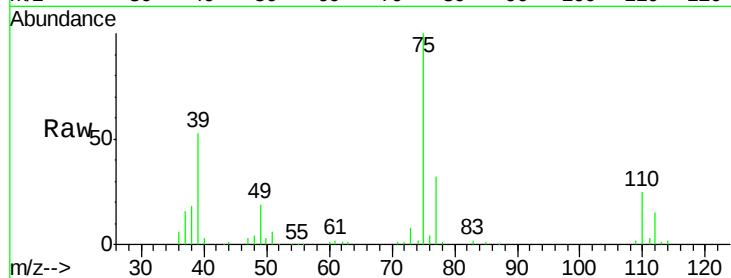
#53
t-1,3-Dichloropropene
Concen: 20.31 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.4	24.0	36.0

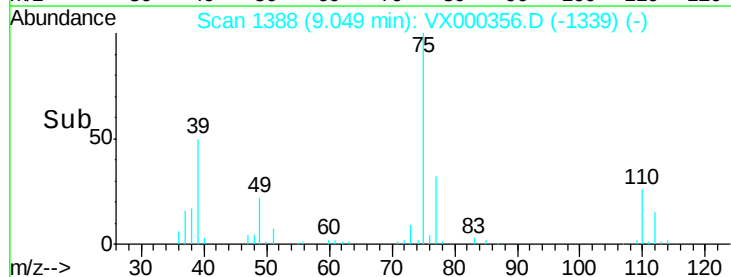
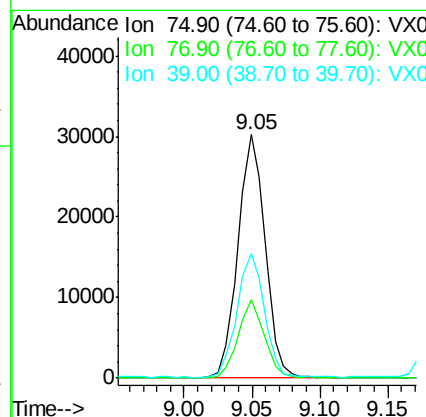
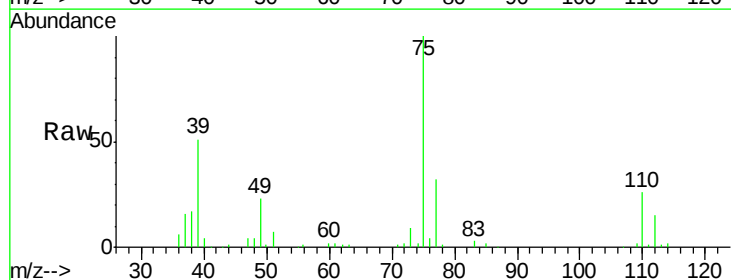
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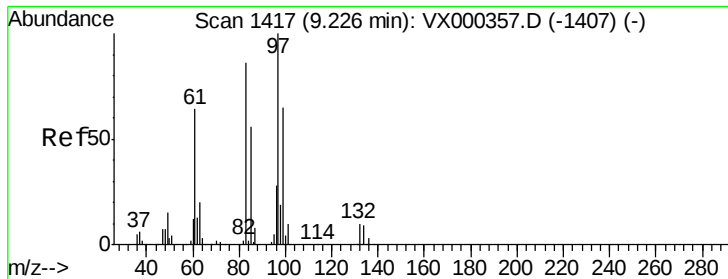
sam
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#54
cis-1,3-Dichloropropene
Concen: 20.13 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.2	26.1	39.1
39	50.6	39.8	59.6





#55

1,1,2-Trichloroethane

Concen: 20.42 ug/l

RT: 9.23 min Scan# 1417

Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Instrument :

MSVOA_X

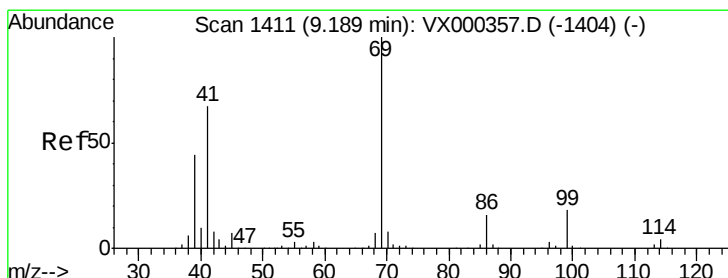
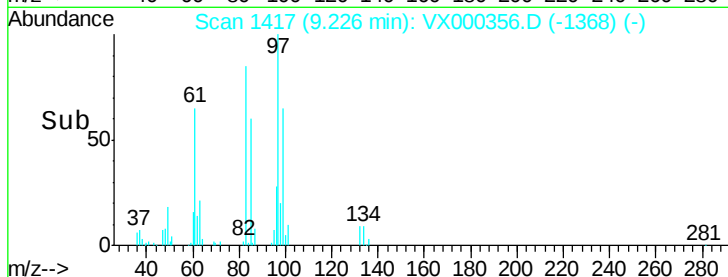
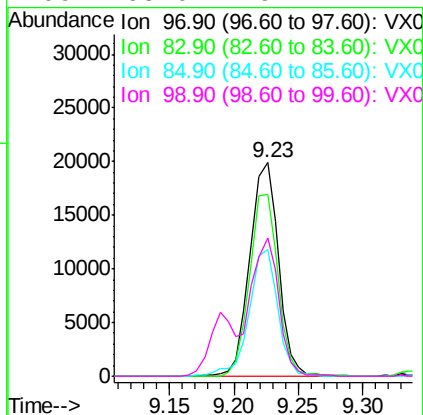
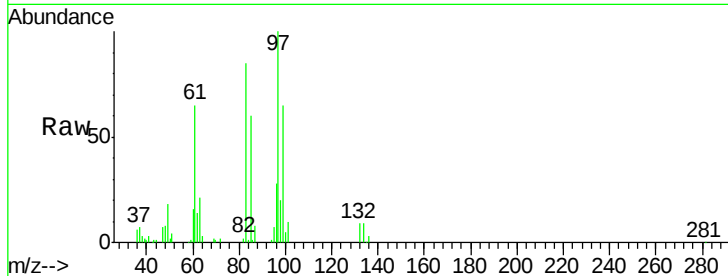
ClientSampleId :

VSTDIC020

Tot Ion:	97	Resp:	30422
Ion	Ratio	Lower	Upper
97	100		
83	85.2	67.9	101.9
85	59.6	42.8	64.2
99	65.0	49.4	74.2

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#56

Ethyl methacrylate

Concen: 20.83 ug/l

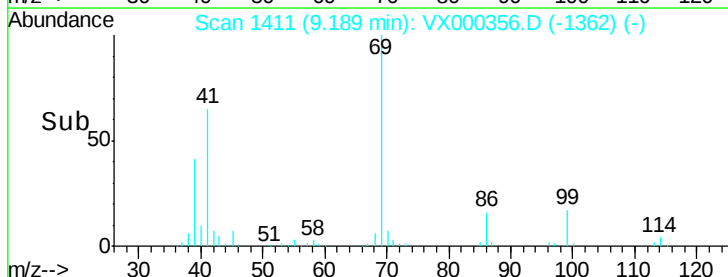
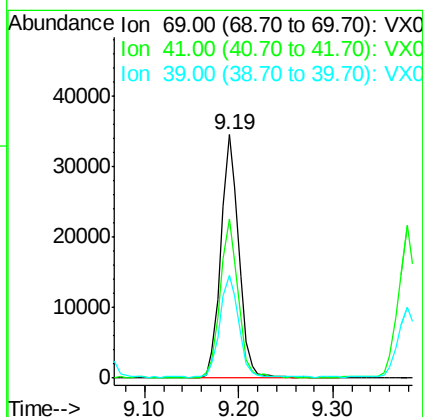
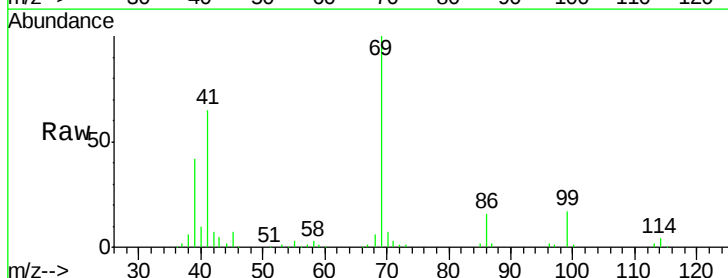
RT: 9.19 min Scan# 1411

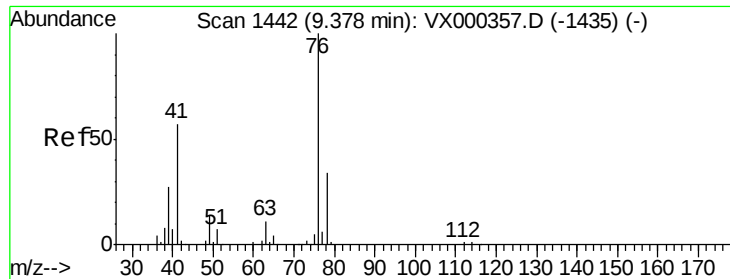
Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Tgt Ion:	69	Resp:	45951
Ion	Ratio	Lower	Upper
69	100		
41	65.6	53.0	79.6
39	44.0	35.3	52.9





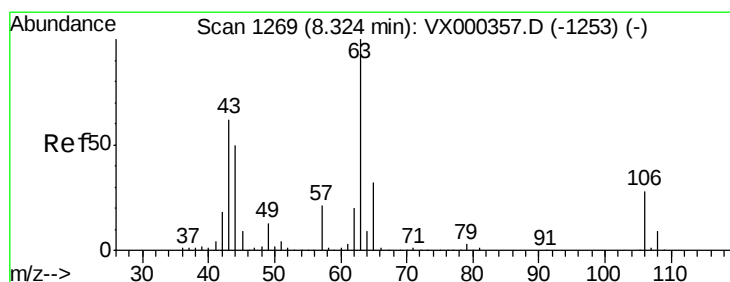
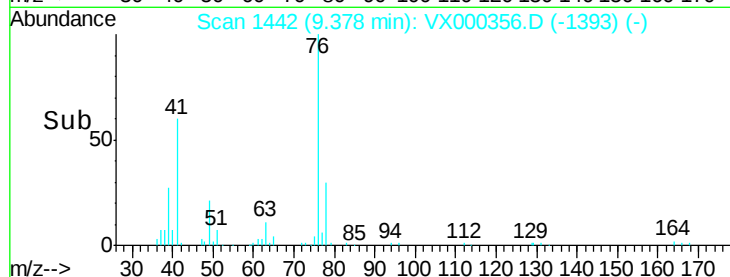
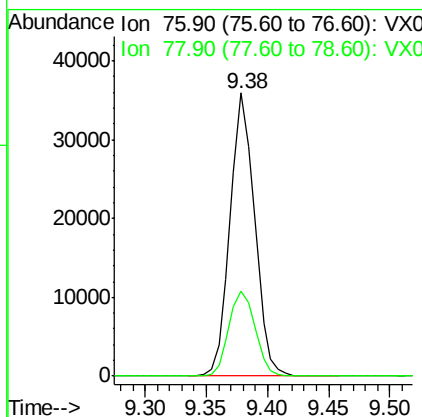
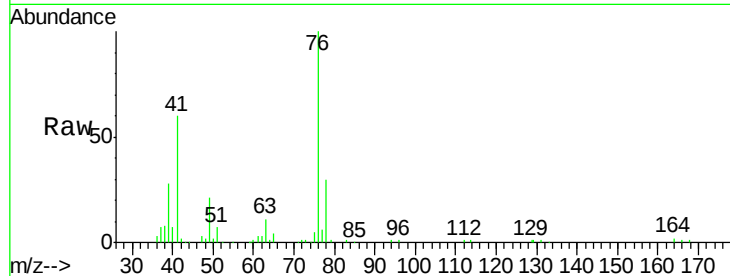
#57
 1,3-Dichloropropane
 Concen: 20.72 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000356.D
 Acq: 20 Mar 2018 11:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion: 76 Resp: 49998
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.4 39.6

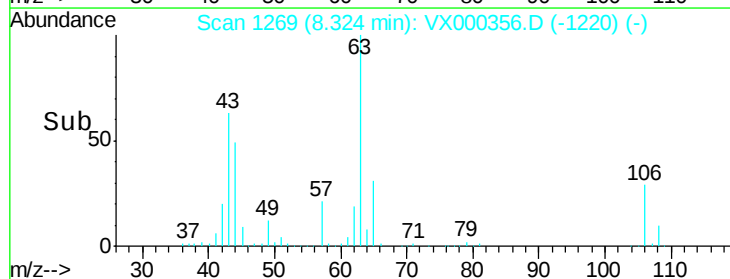
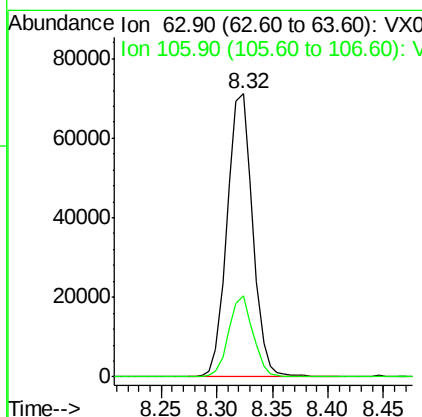
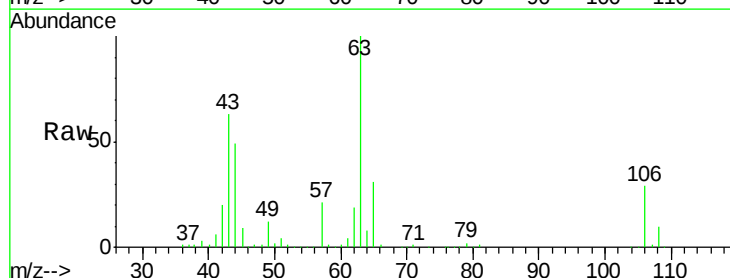
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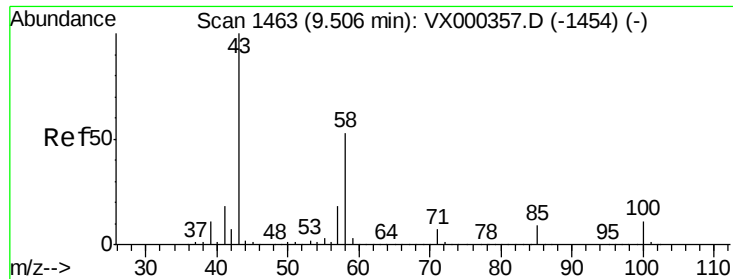
sam
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#58
 2-Chloroethyl Vinyl ether
 Concen: 111.73 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000356.D
 Acq: 20 Mar 2018 11:18

Tgt Ion: 63 Resp: 113339
 Ion Ratio Lower Upper
 63 100
 106 27.4 23.2 34.8





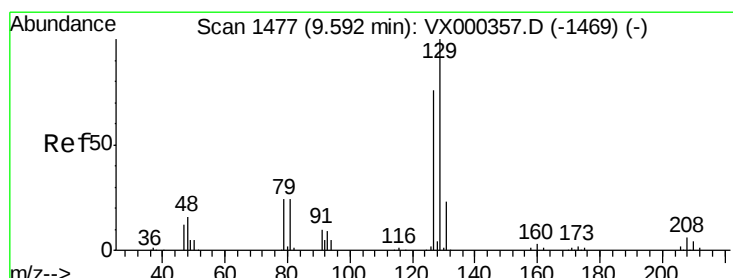
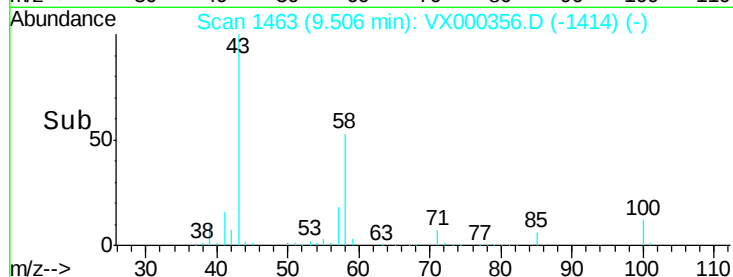
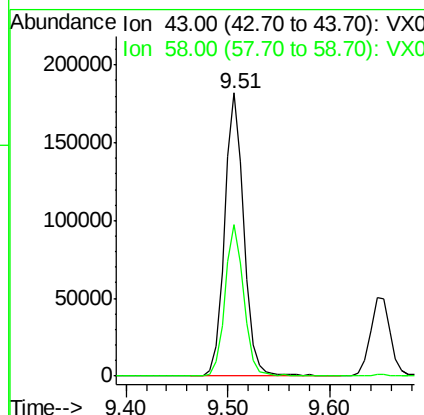
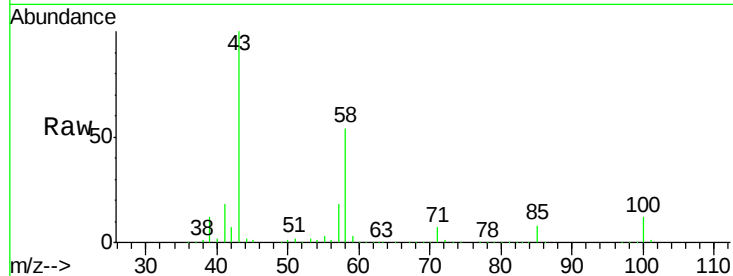
#59
2-Hexanone
Concen: 102.19 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 43 Resp: 238948
Ion Ratio Lower Upper
43 100
58 52.3 26.6 79.7

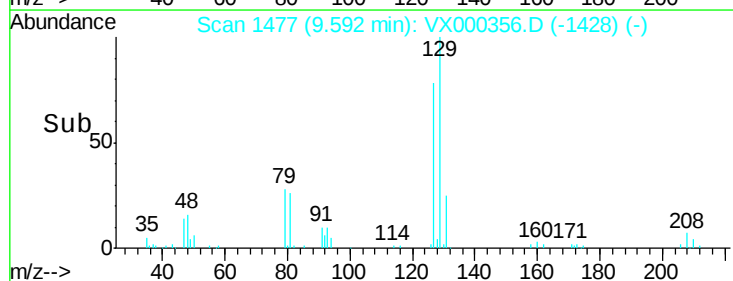
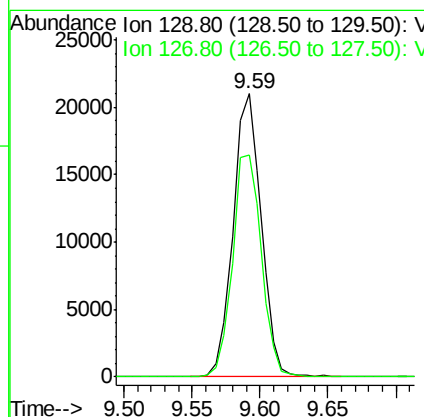
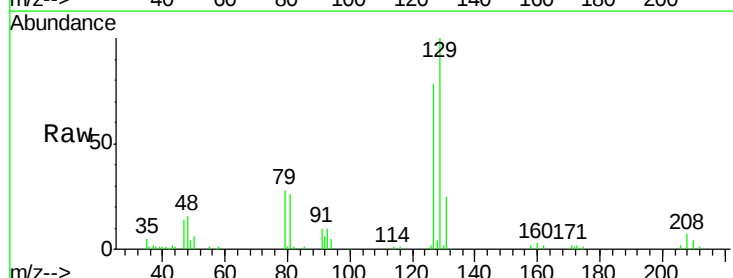
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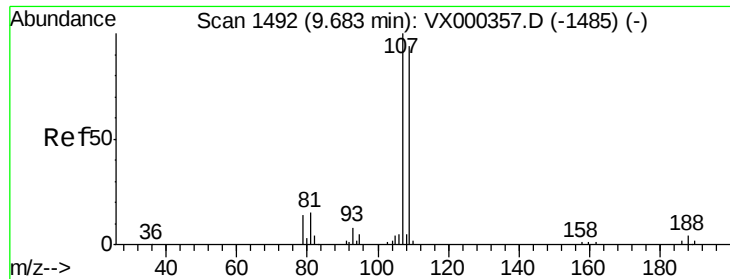
sam
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#60
Dibromochloromethane
Concen: 19.14 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Tgt Ion: 129 Resp: 30153
Ion Ratio Lower Upper
129 100
127 80.6 37.9 113.6





#61

1,2-Dibromoethane

Concen: 20.04 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

Tot Ion:107 Resp: 33094

Ion Ratio Lower Upper

107 100

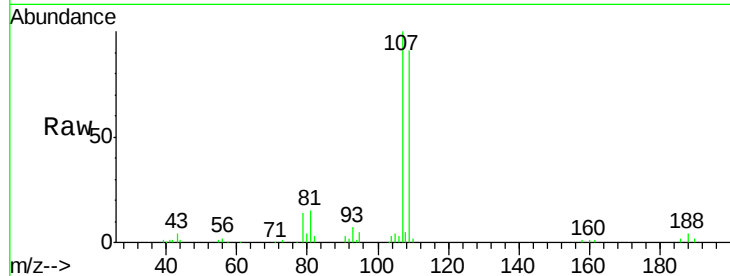
109 93.7 76.1 114.1

Manual Integrations

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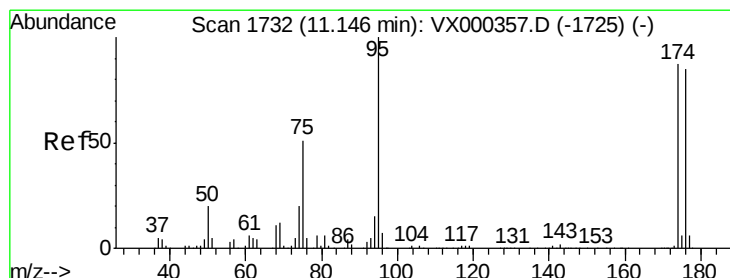
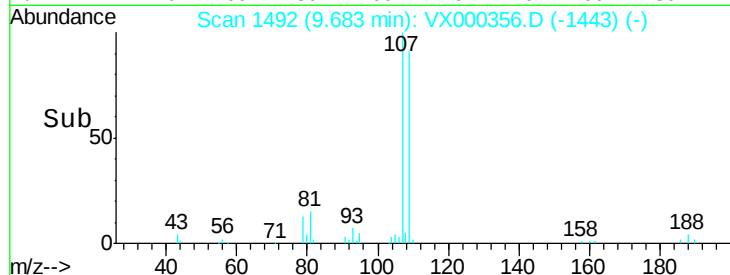
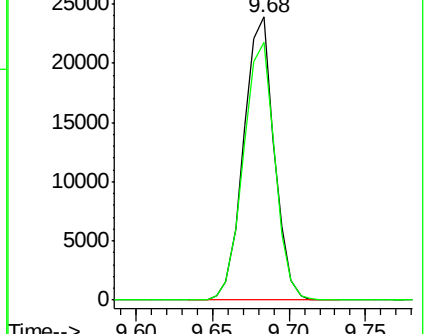
sam

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 15.65 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

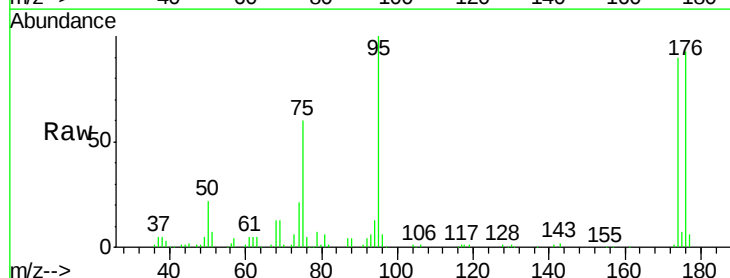
Tgt Ion: 95 Resp: 33862

Ion Ratio Lower Upper

95 100

174 87.0 0.0 173.6

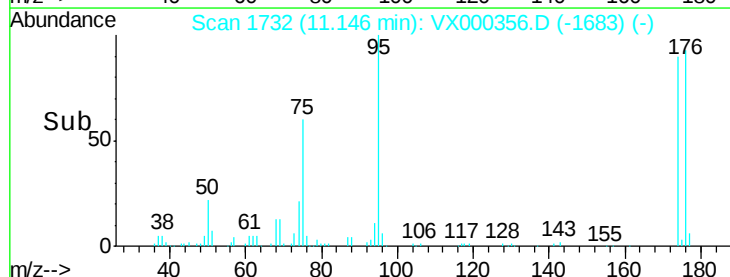
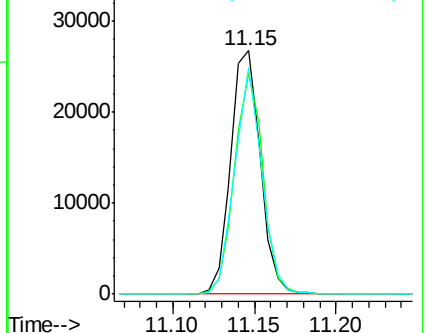
176 85.2 0.0 164.6

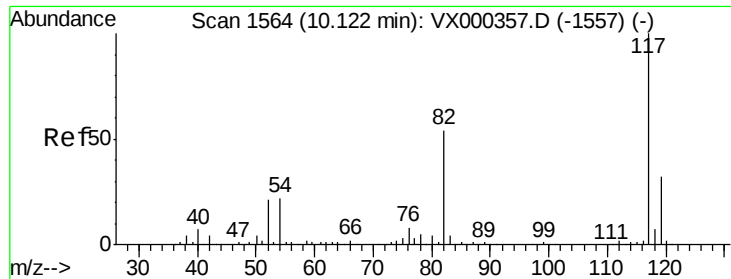


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





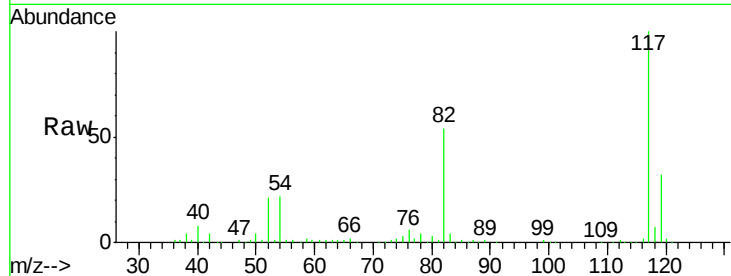
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	198125		
82	54.3	43.8	65.8	
119	32.3	24.9	37.3	

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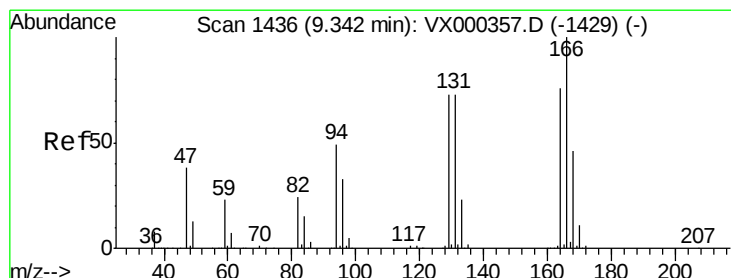
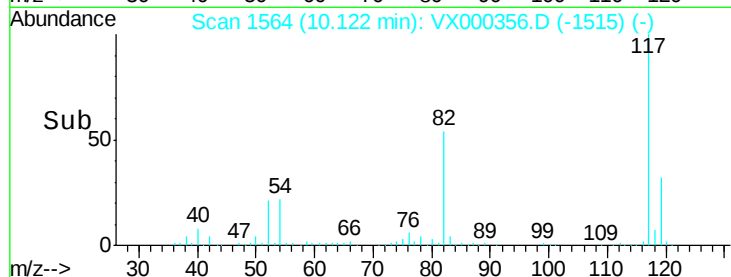
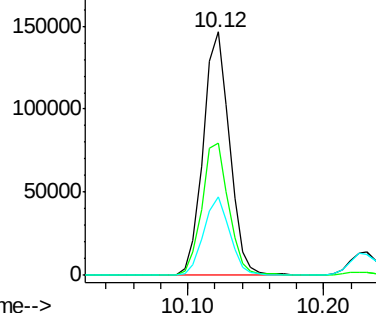


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 22.57 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	31937		
166	138.8	101.0	151.6	
129	97.6	79.0	118.4	
131	90.9	71.9	107.9	

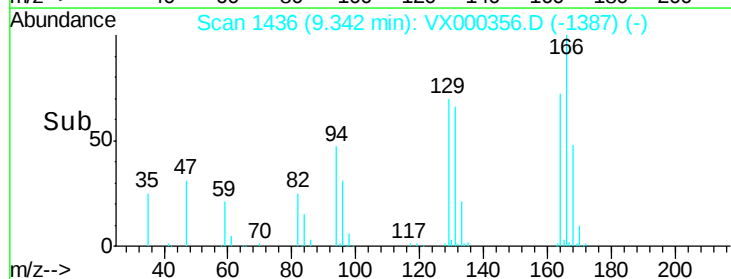
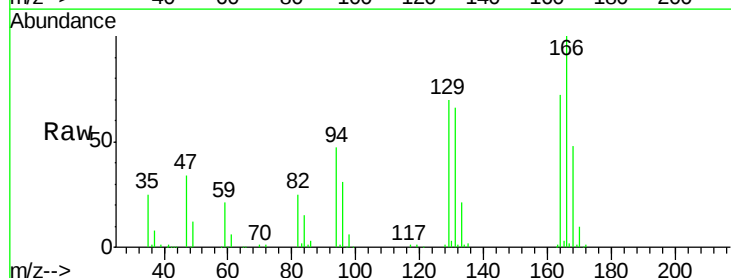
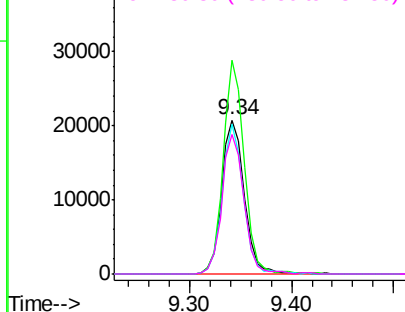
Abundance

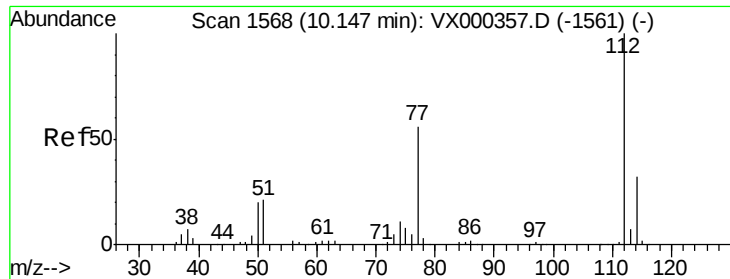
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





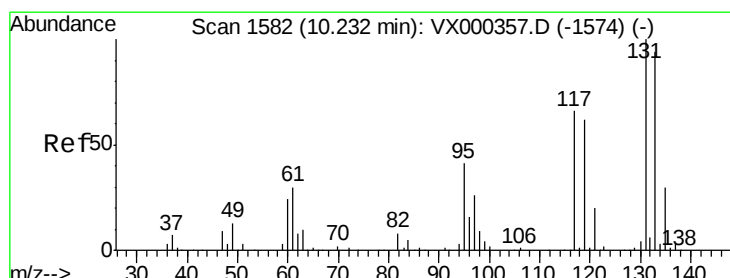
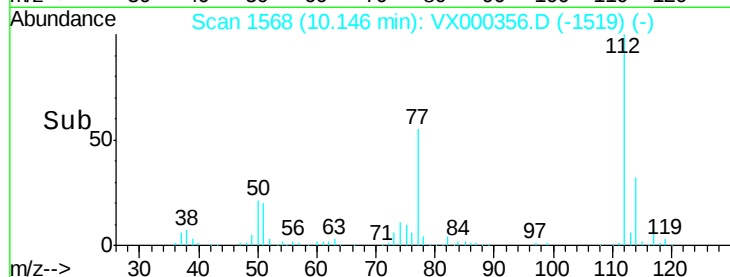
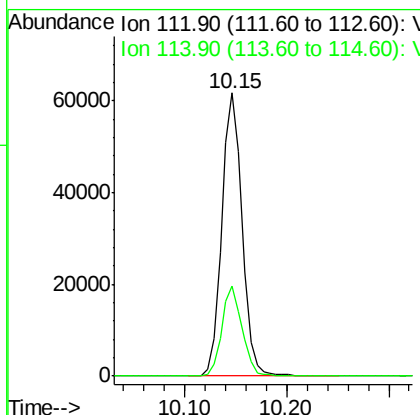
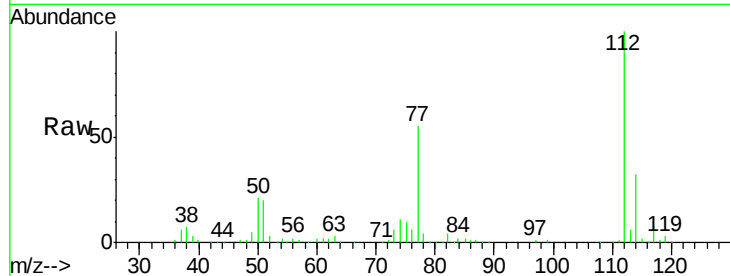
#65
Chlorobenzene
Concen: 21.25 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion:112 Resp: 85738
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

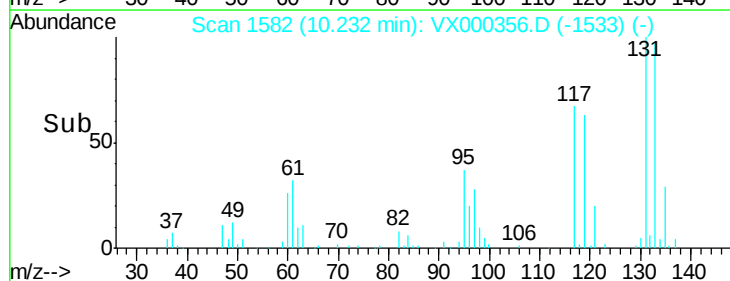
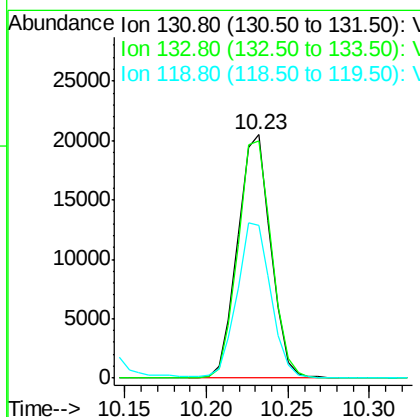
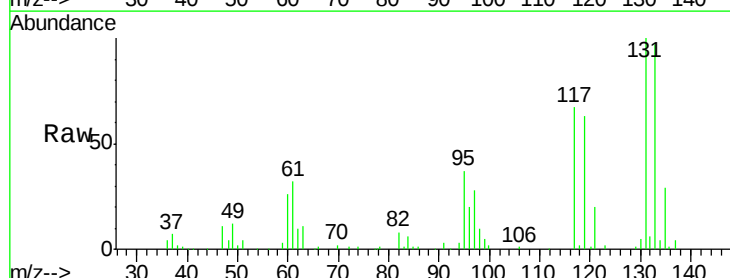
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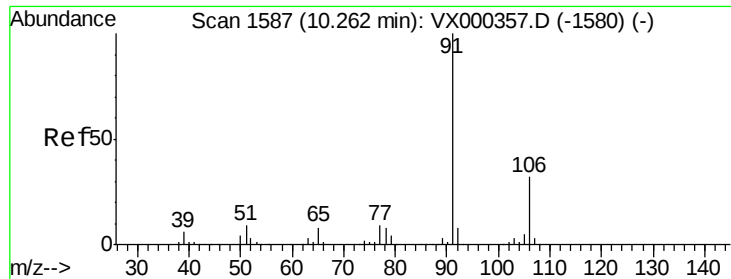
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.38 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Tgt Ion:131 Resp: 29008
Ion Ratio Lower Upper
131 100
133 99.0 47.1 141.3
119 65.2 33.1 99.2





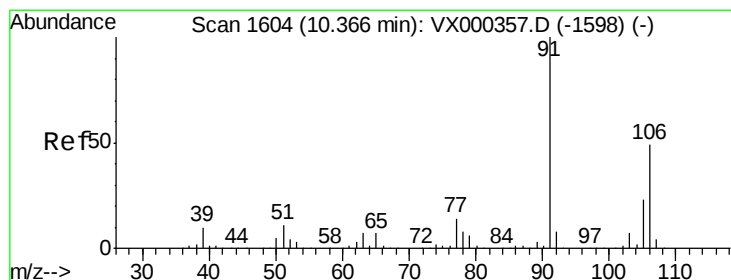
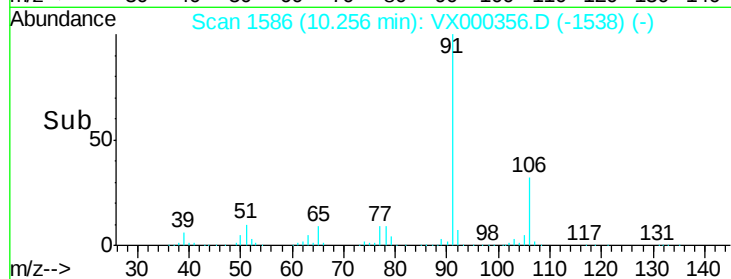
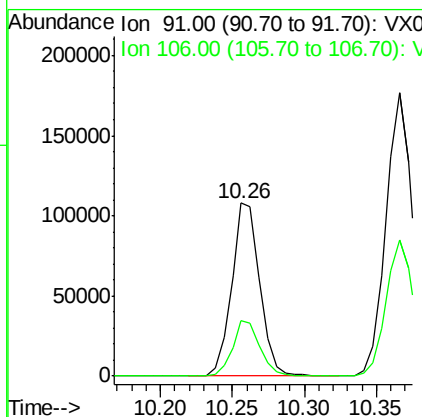
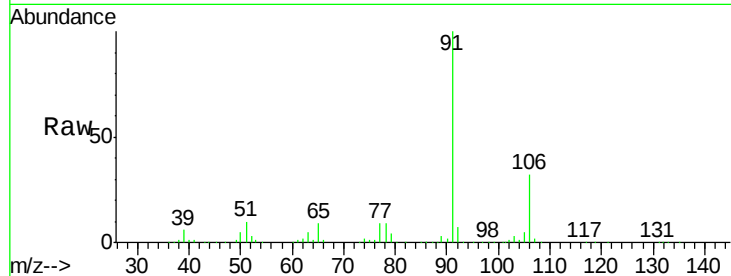
#67
Ethyl Benzene
Concen: 21.45 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion: 91 Resp: 147553
Ion Ratio Lower Upper
91 100
106 31.9 25.0 37.6

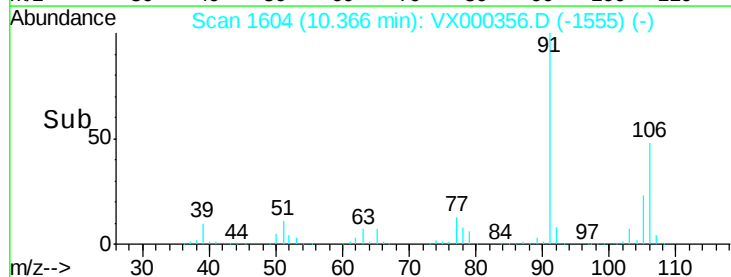
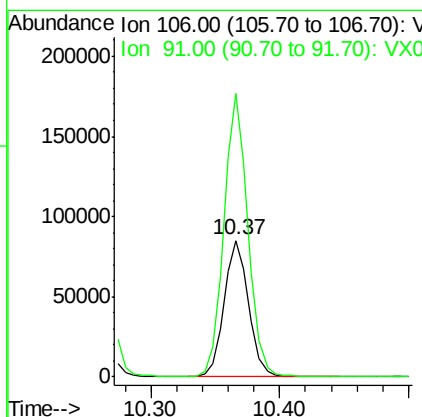
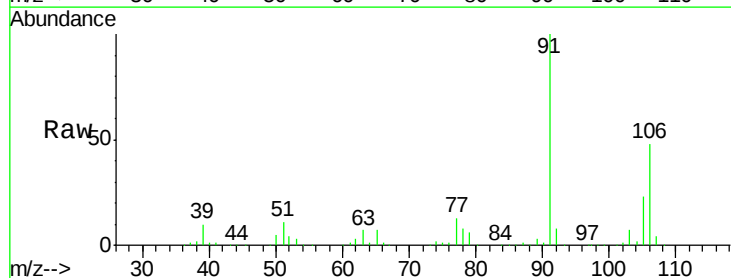
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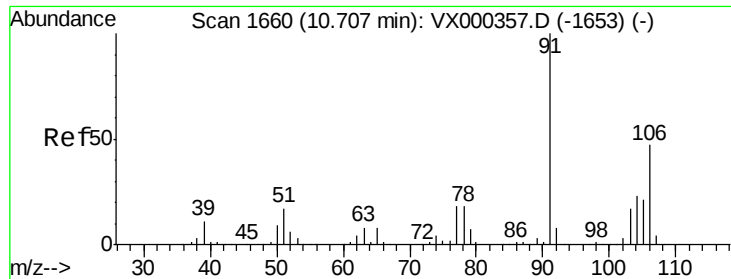
sam
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#68
m/p-Xylenes
Concen: 42.25 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Tgt Ion: 106 Resp: 113227
Ion Ratio Lower Upper
106 100
91 204.5 163.4 245.2





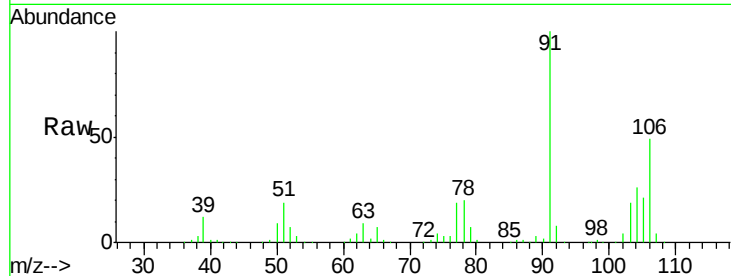
#69
o-Xylene
Concen: 21.03 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

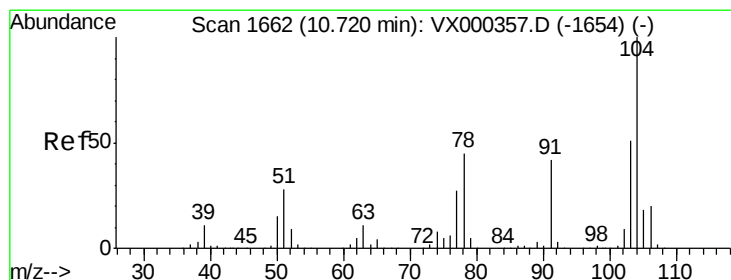
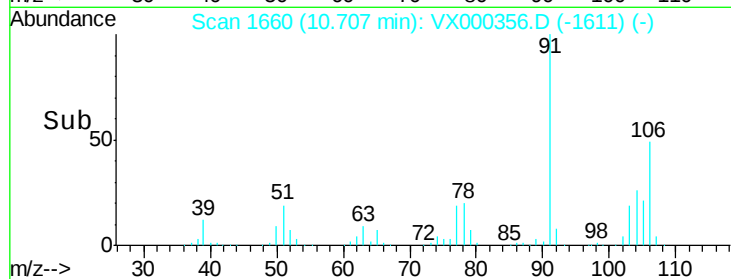
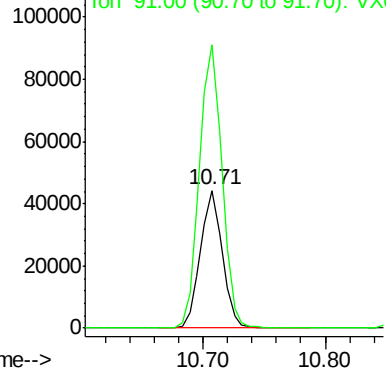
Tot Ion:106 Resp: 54741
Ion Ratio Lower Upper
106 100
91 212.4 106.5 319.6

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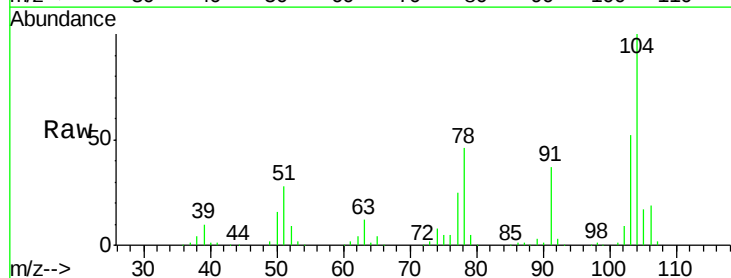


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX

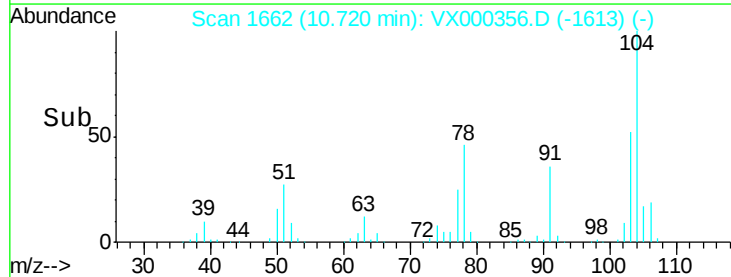
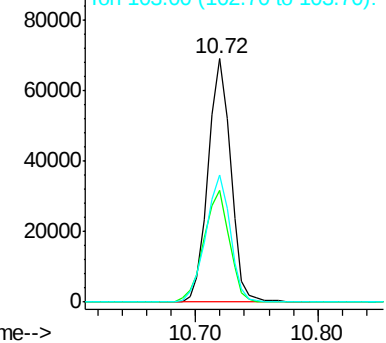


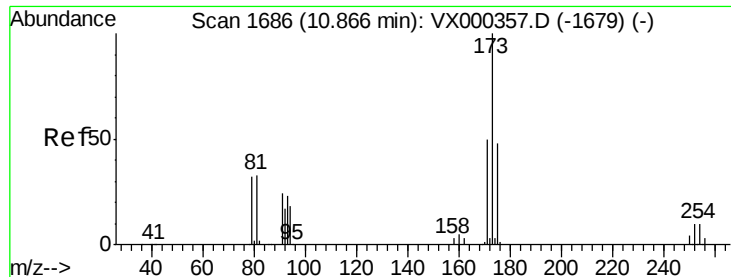
#70
Styrene
Concen: 20.43 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Tgt Ion:104 Resp: 88269
Ion Ratio Lower Upper
104 100
78 51.6 40.5 60.7
103 56.9 45.7 68.5



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





#71

Bromoform

Concen: 20.35 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Instrument :

MSVOA_X

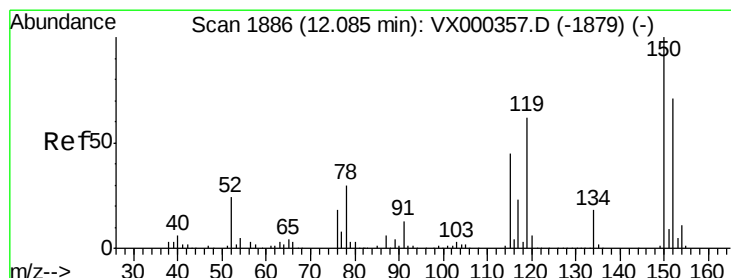
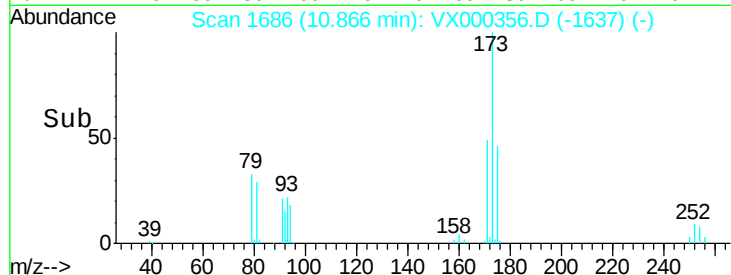
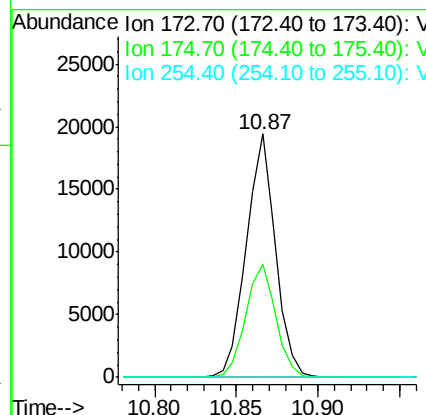
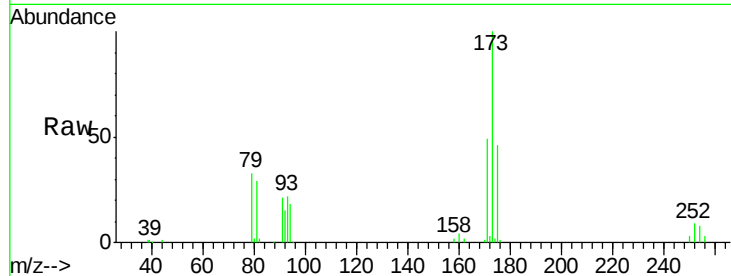
ClientSampled :

VSTDIC020

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	25.4	76.4
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

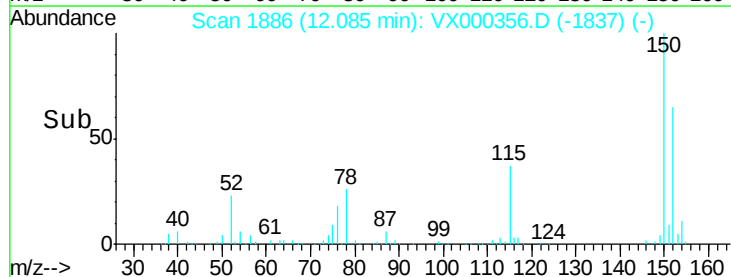
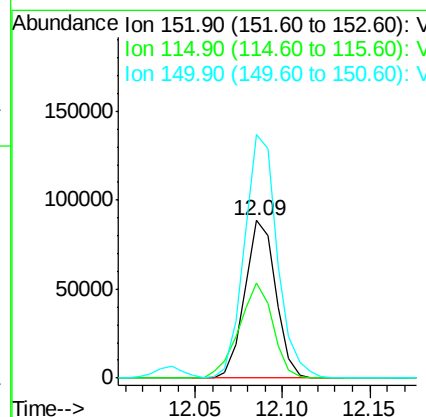
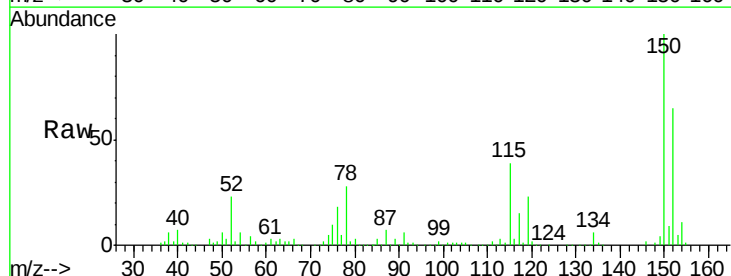
RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.1	39.8	119.3
150	164.4	0.0	344.4





#73

Isopropylbenzene

Concen: 22.97 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

Tot Ion: 105 Resp: 150649

Ion Ratio Lower Upper

105 100

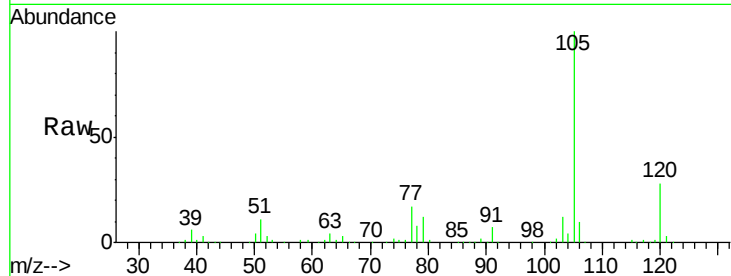
120 27.3 13.6 40.7

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

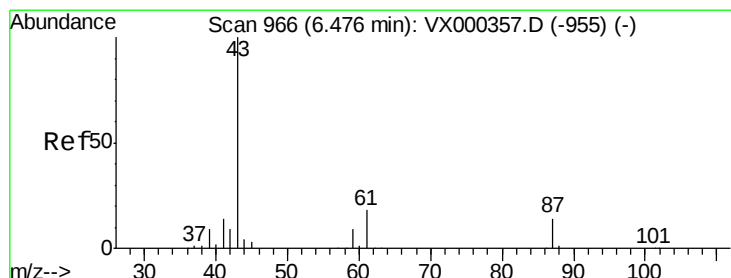
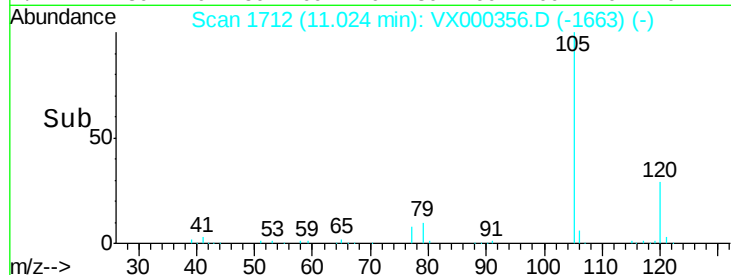
11.02

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 23.62 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Tgt Ion: 43 Resp: 74133

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 18.1 14.4 21.6

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

40000

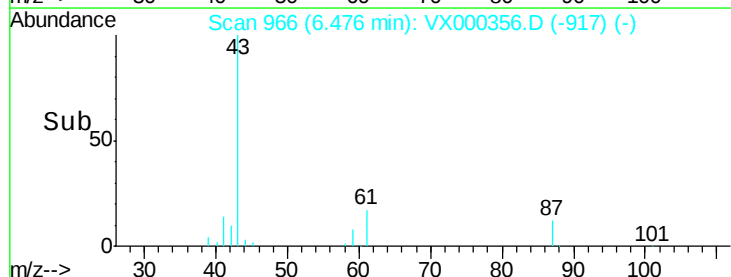
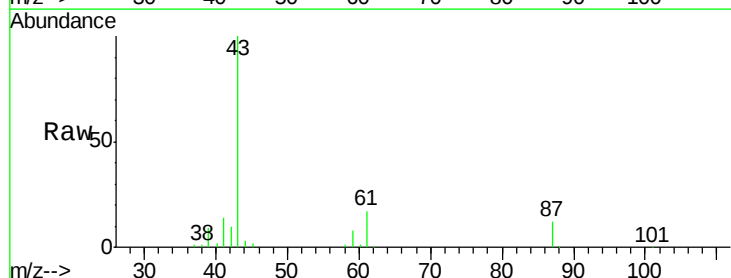
30000

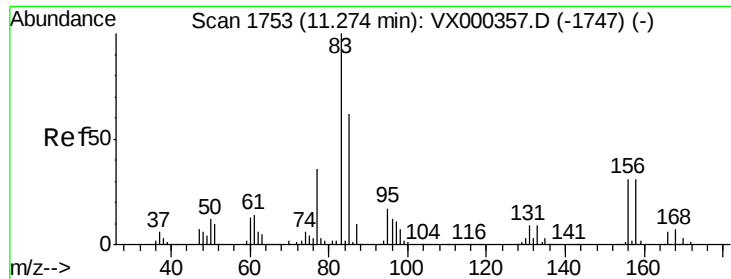
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.44 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Instrument :

MSVOA_X

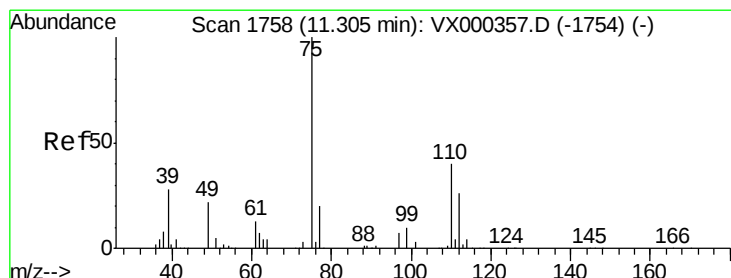
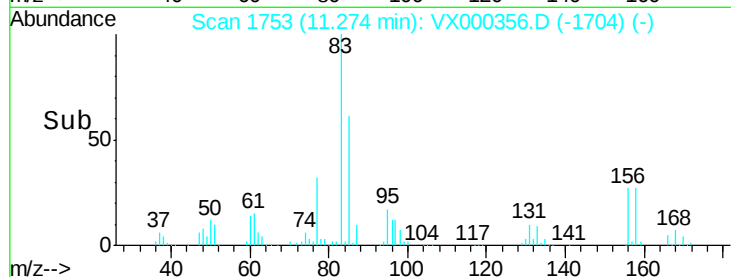
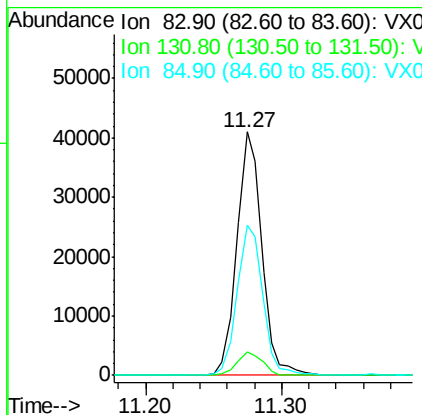
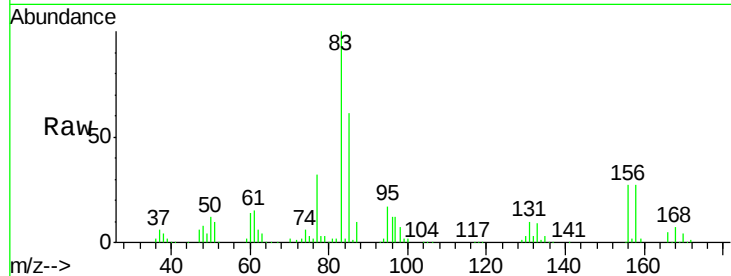
ClientSampled :

VSTDIC020

Tot Ion	83	Resp	52392
Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.0	14.9
85	63.3	32.5	97.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.53 ug/l m

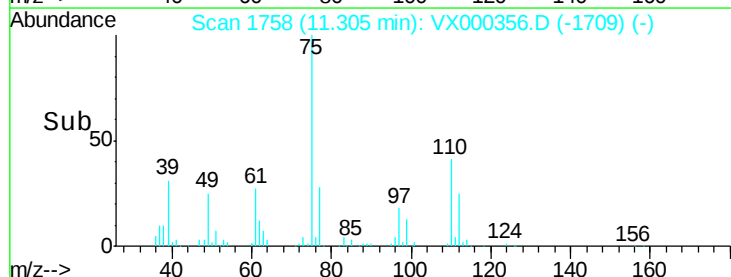
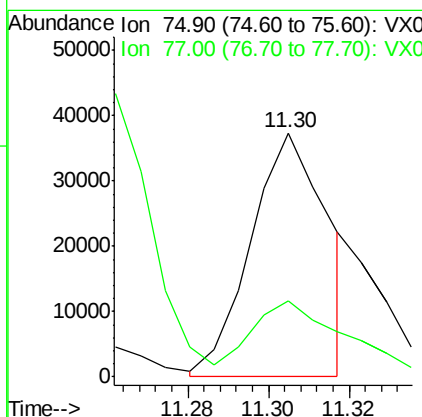
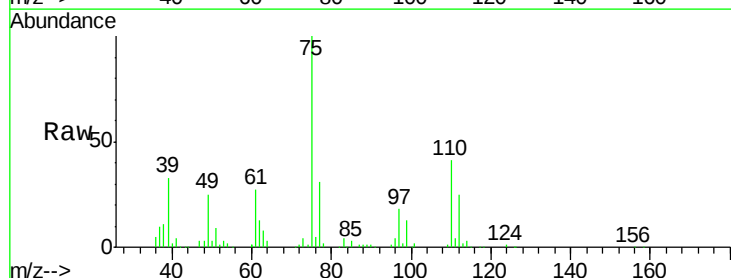
RT: 11.30 min Scan# 1758

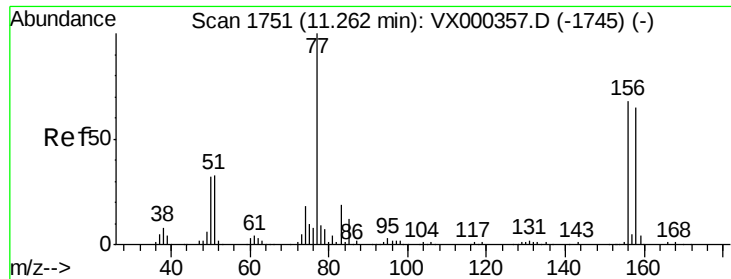
Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Tgt Ion	75	Resp	49381
Ion	Ratio	Lower	Upper
75	100		
77	38.9	21.4	64.2





#77

Bromobenzene

Concen: 21.49 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Instrument :

MSVOA_X

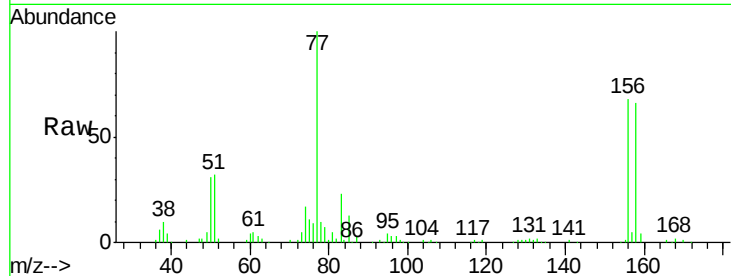
ClientSampled :

VSTDIC020

Tot Ion	Ratio	Lower	Upper
156	100		
77	152.1	73.4	220.2
158	97.8	48.5	145.6

Manual Integrations
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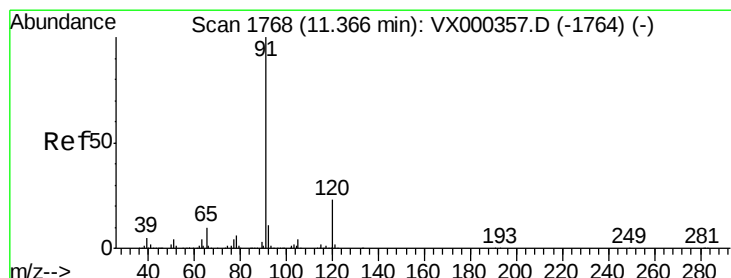
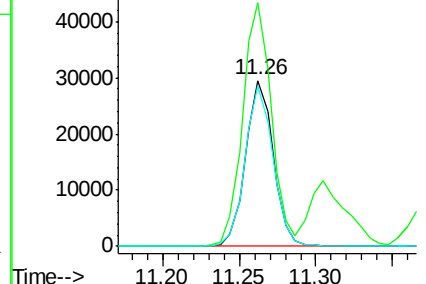
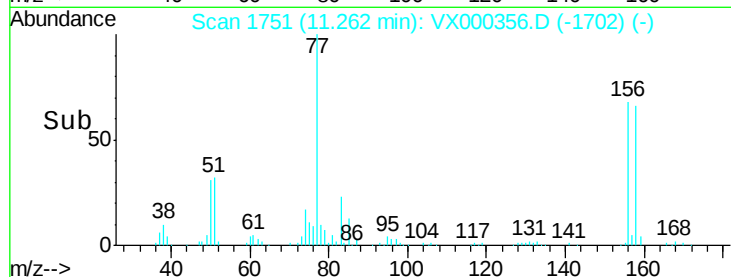
sam
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.18 ug/l

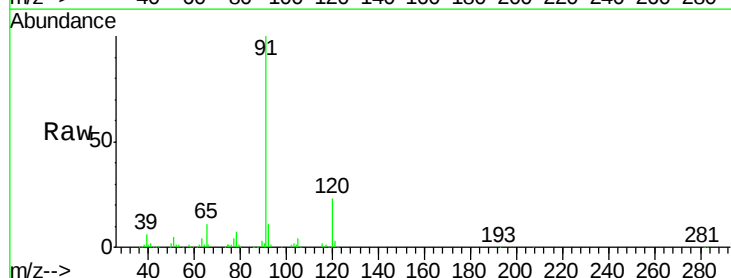
RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000356.D

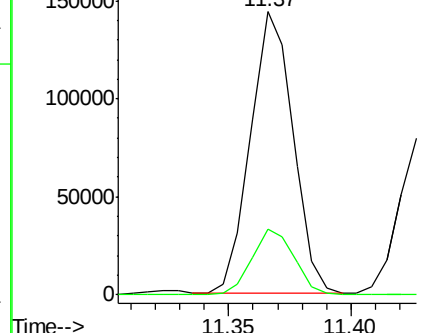
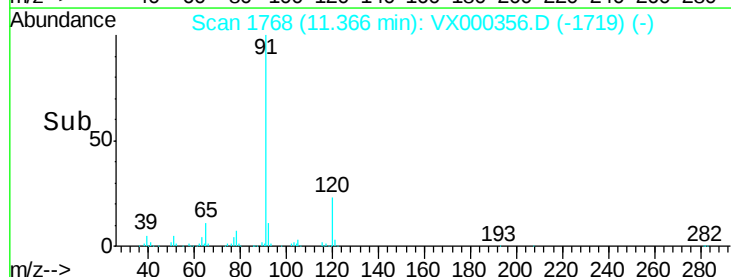
Acq: 20 Mar 2018 11:18

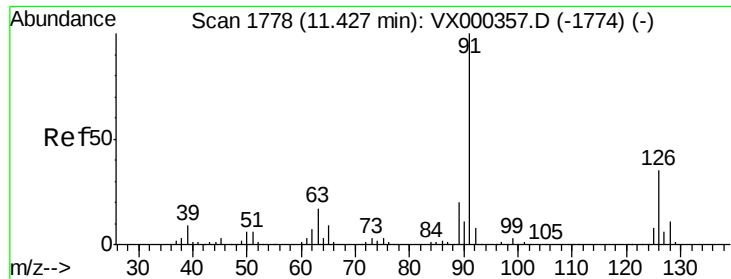
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.8	35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.38 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 91 Resp: 100431

Ion Ratio Lower Upper

91 100

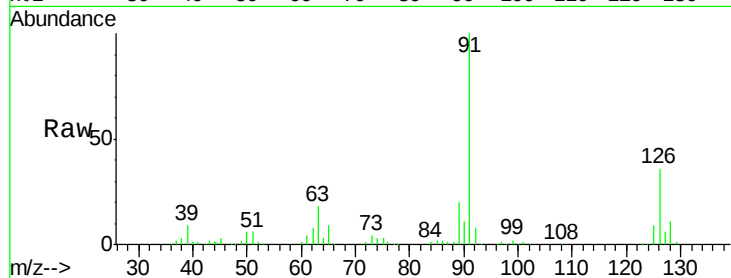
126 35.2 17.7 53.1

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Abundance Ion 91.00 (90.70 to 91.70): VX000357.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000357.D (-1774) (-)

150000

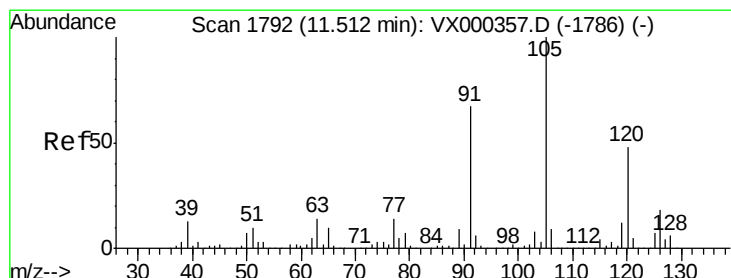
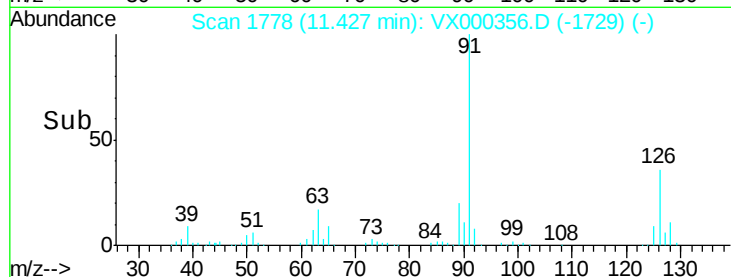
100000

50000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 22.55 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000356.D

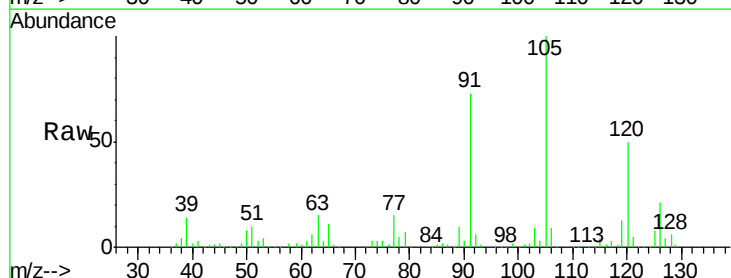
Acq: 20 Mar 2018 11:18

Tgt Ion: 105 Resp: 125993

Ion Ratio Lower Upper

105 100

120 49.1 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VX000357.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000357.D (-1786) (-)

120000

100000

80000

60000

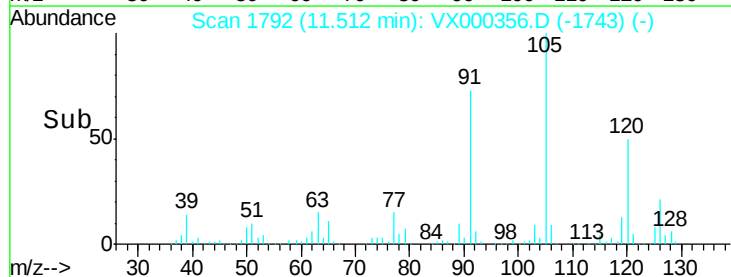
40000

20000

0

11.45 11.50 11.55 11.60

Time-->





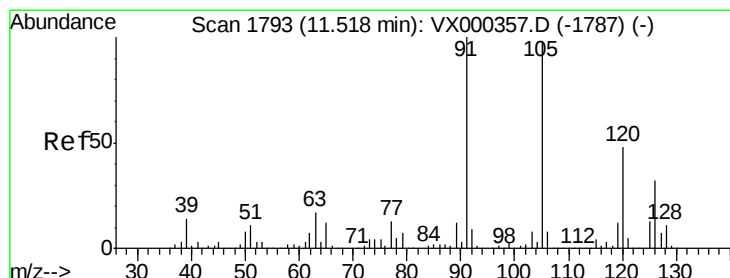
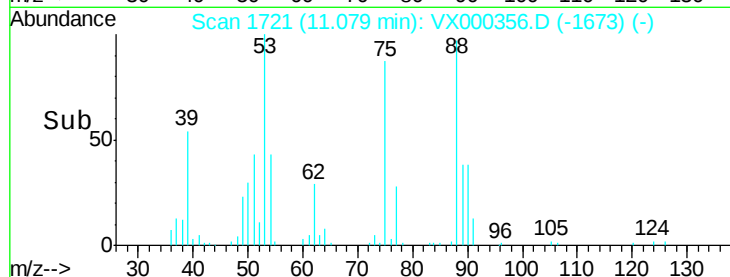
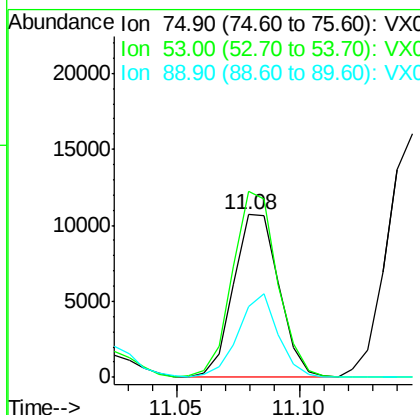
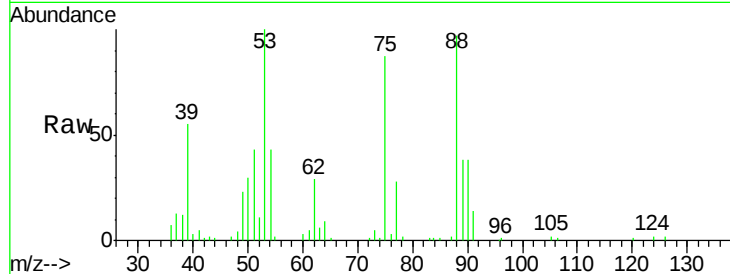
#81
trans-1,4-Dichloro-2-butene
Concen: 21.59 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.01 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion: 75 Resp: 13888
Ion Ratio Lower Upper
75 100
53 112.5 80.7 121.1
89 44.7 39.4 59.0

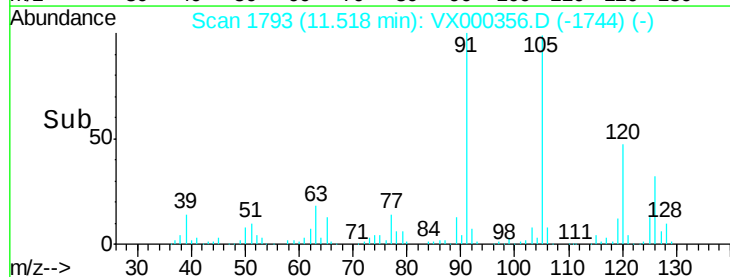
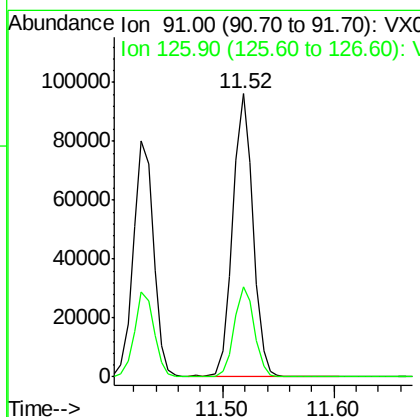
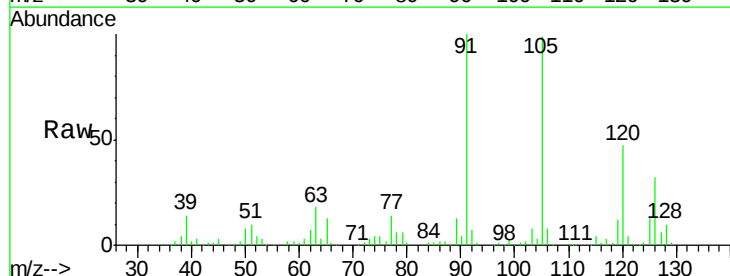
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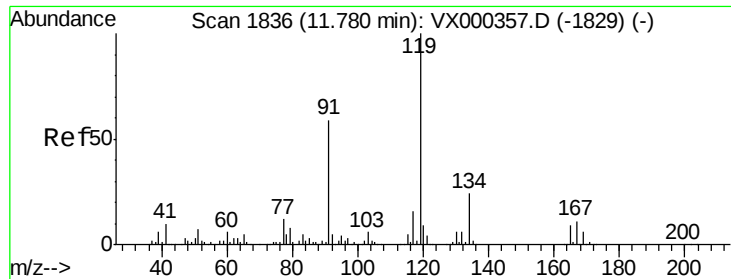
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#82
4-Chlorotoluene
Concen: 22.03 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Tgt Ion: 91 Resp: 121517
Ion Ratio Lower Upper
91 100
126 31.4 15.4 46.1





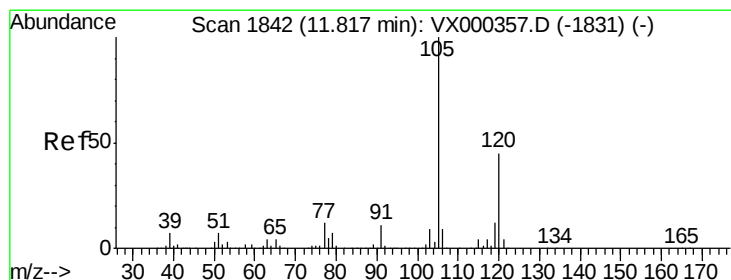
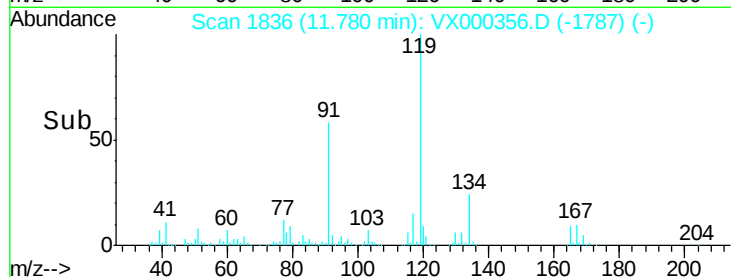
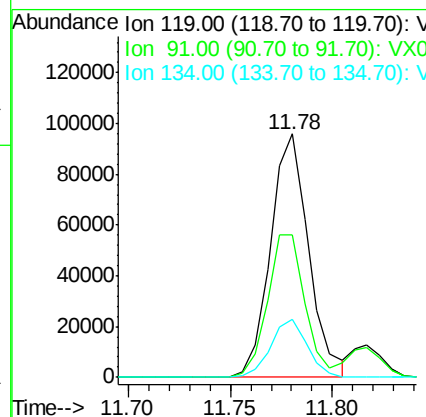
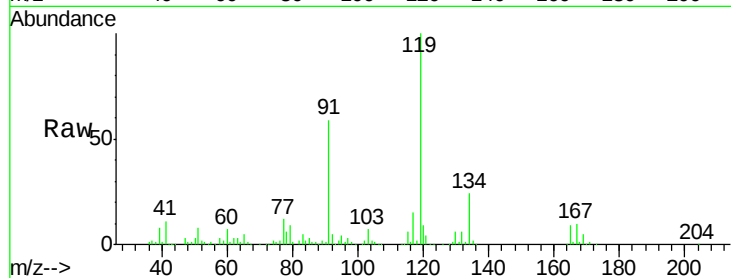
#83
tert-Butylbenzene
Concen: 22.91 ug/l
RT: 11.78 min Scan# 1836
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.8	28.8	86.4
134	22.8	11.4	34.1

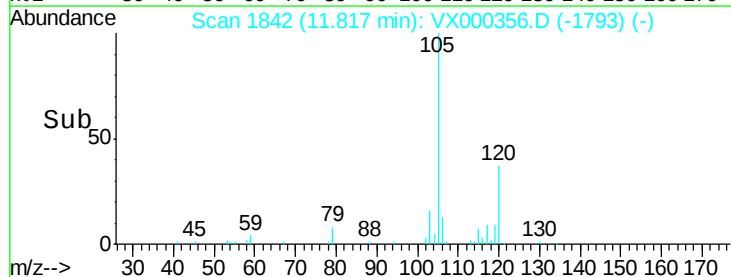
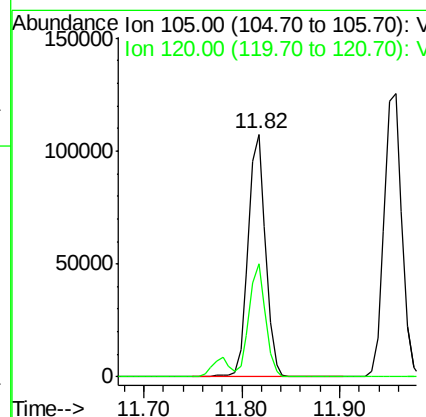
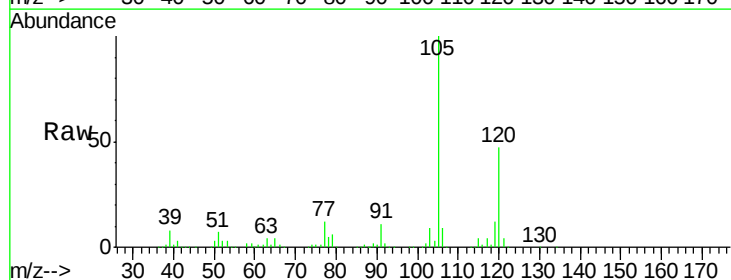
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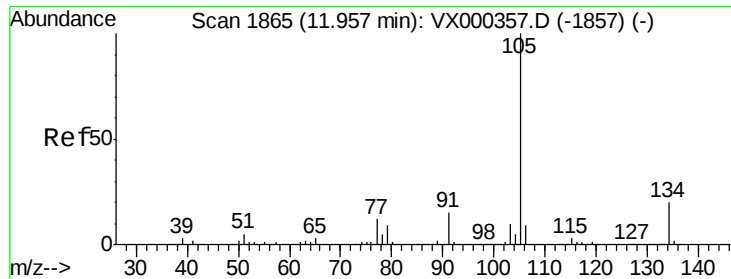
sam
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#84
1,2,4-Trimethylbenzene
Concen: 23.07 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.4	67.3





#85

sec-Butylbenzene

Concen: 23.21 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

Tot Ion:105 Resp: 158355

Ion Ratio Lower Upper

105 100

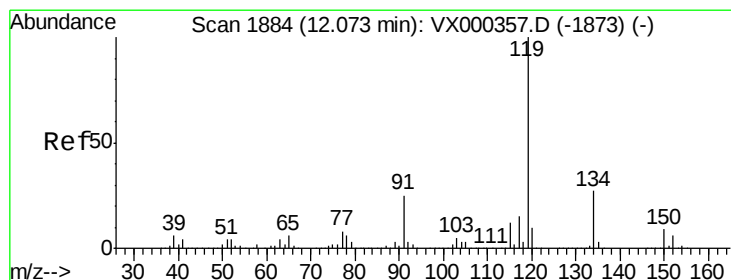
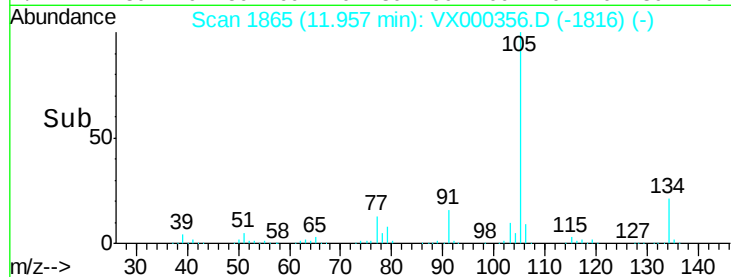
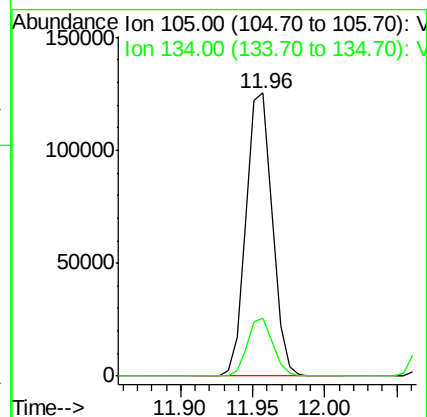
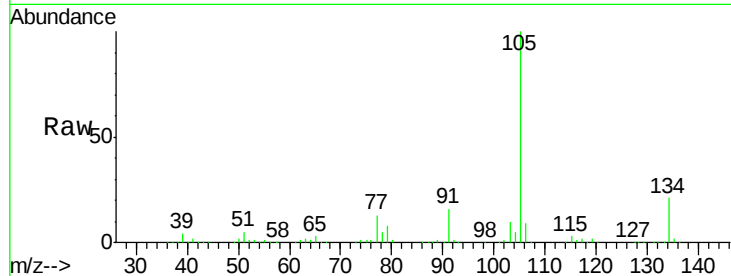
134 19.9 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 22.86 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

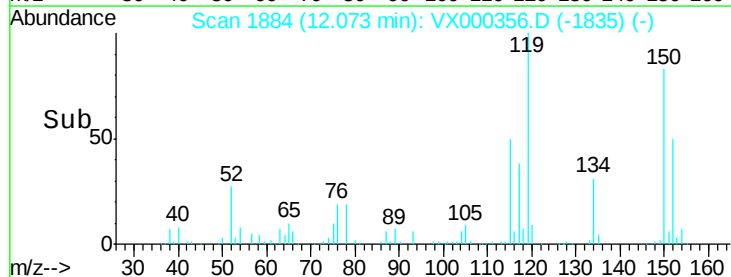
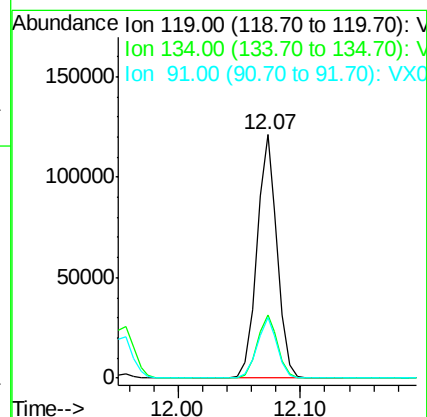
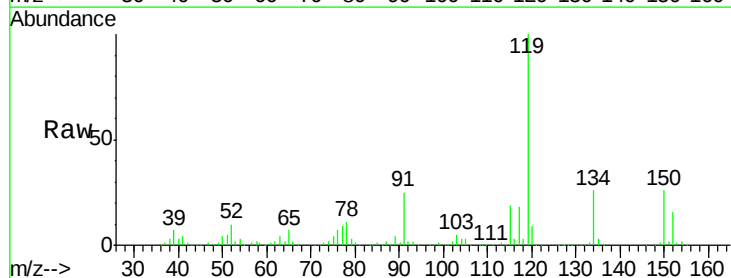
Tgt Ion:119 Resp: 138816

Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

91 24.7 12.0 36.1





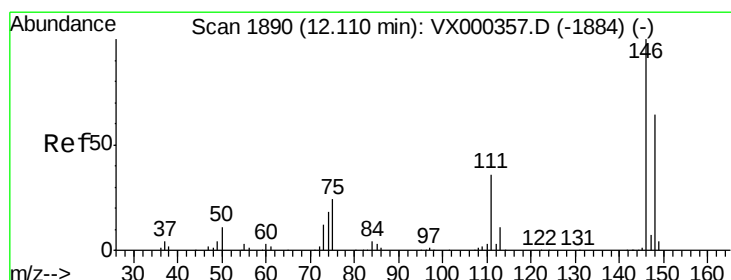
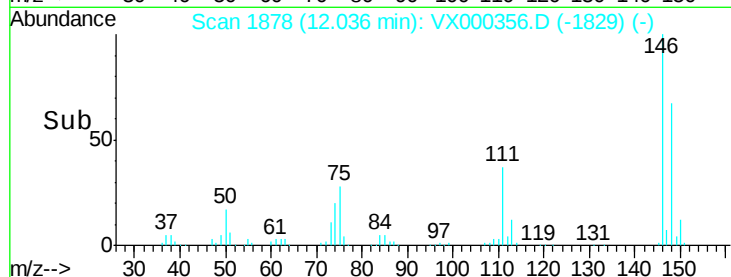
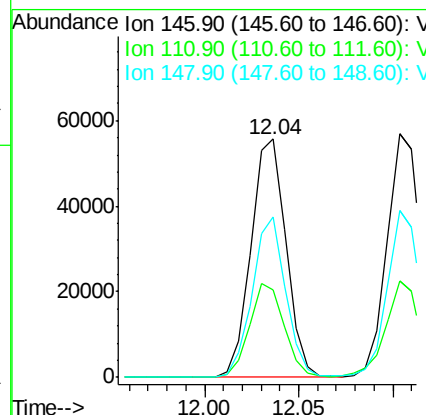
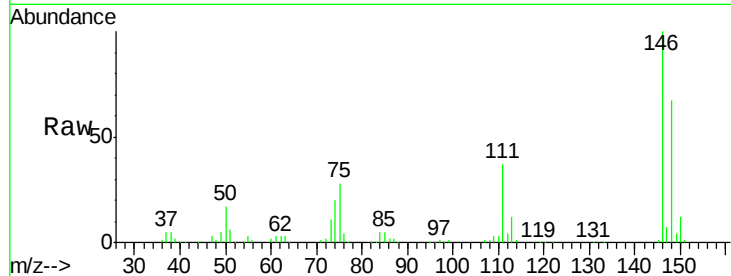
#87
 1,3-Dichlorobenzene
 Concen: 21.26 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000356.D
 Acq: 20 Mar 2018 11:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.5	58.5
148	64.2	32.4	97.0

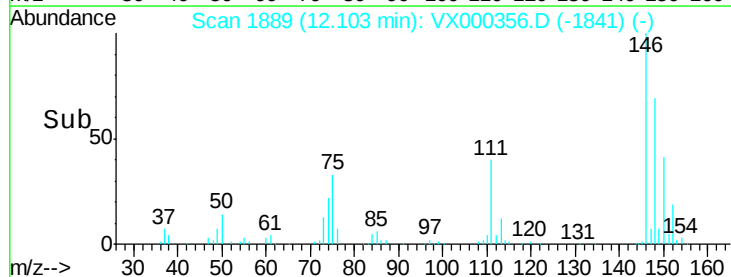
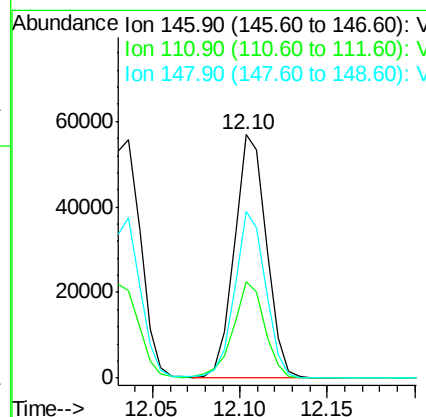
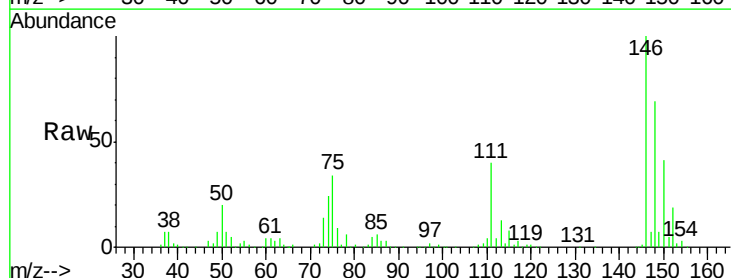
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#88
 1,4-Dichlorobenzene
 Concen: 20.64 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000356.D
 Acq: 20 Mar 2018 11:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	18.9	56.9
148	66.4	31.0	93.0





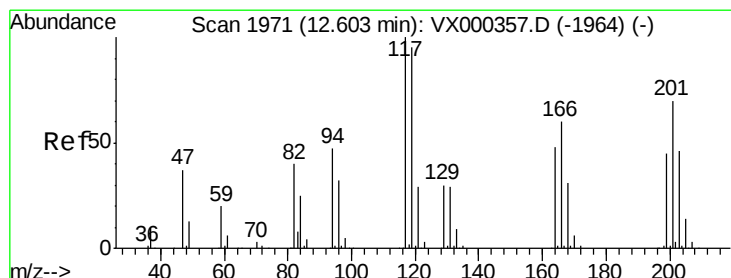
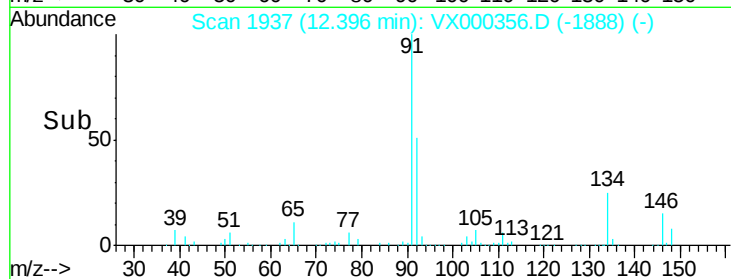
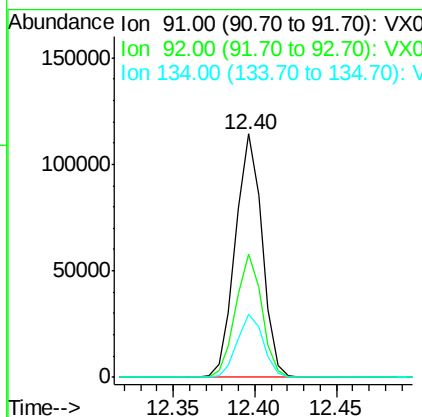
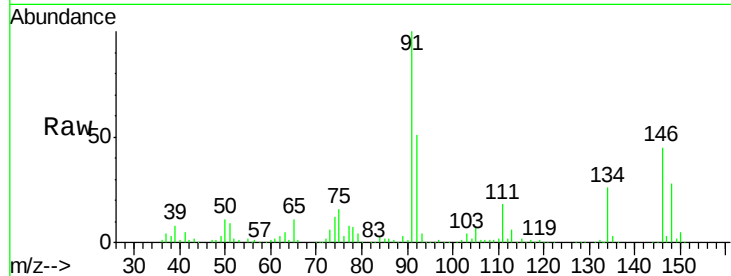
#89
n-Butylbenzene
Concen: 22.01 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
92	49.8	25.9	77.8
134	25.5	13.1	39.3

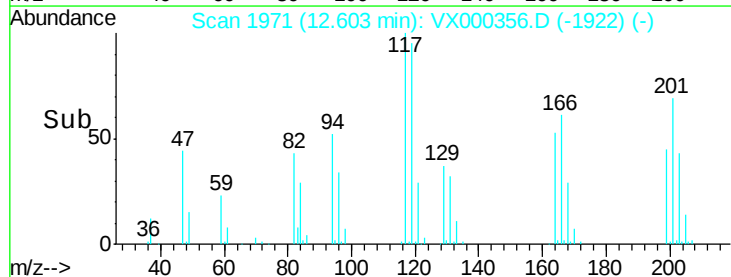
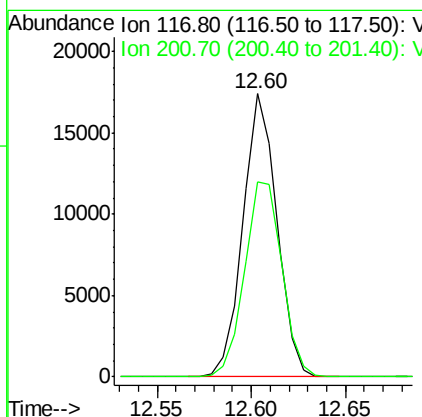
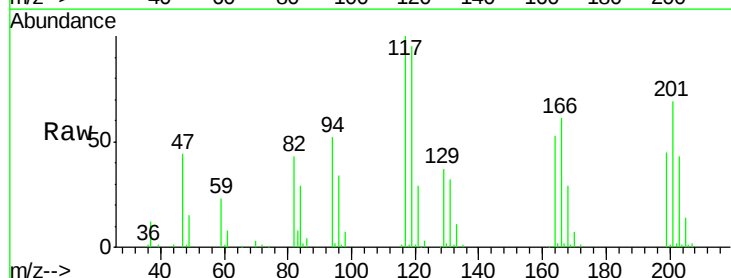
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#90
Hexachloroethane
Concen: 22.34 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000356.D
Acq: 20 Mar 2018 11:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.9	37.9	113.6





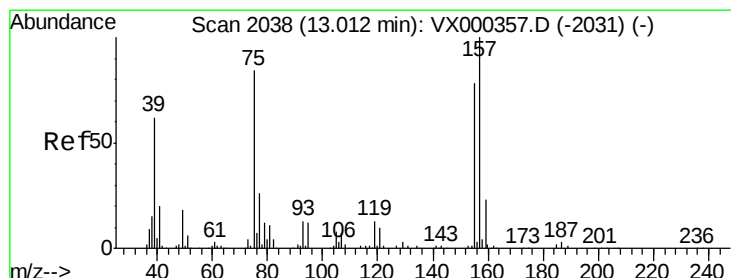
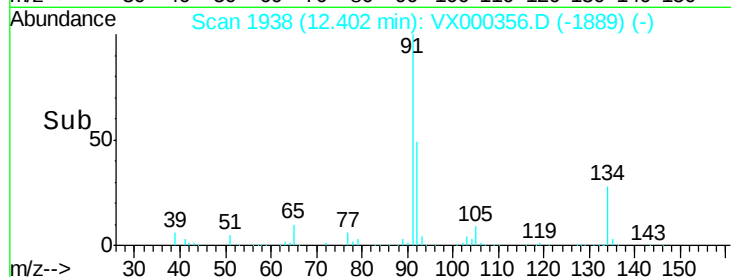
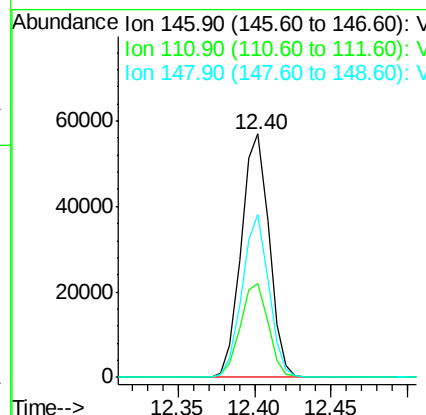
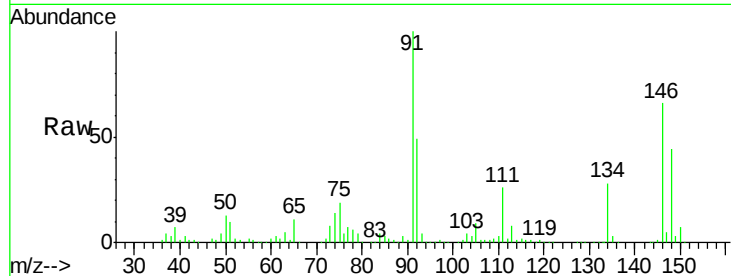
#91
 1,2-Dichlorobenzene
 Concen: 22.09 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000356.D
 Acq: 20 Mar 2018 11:18

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.1	60.2
148	63.8	31.2	93.6

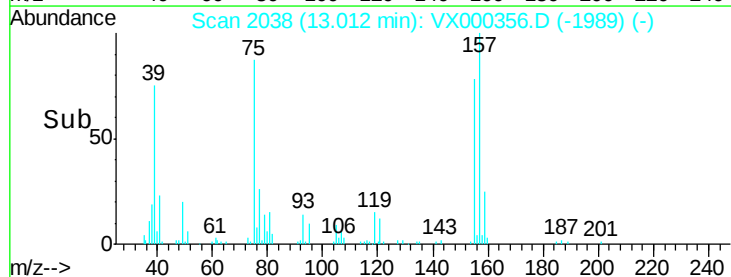
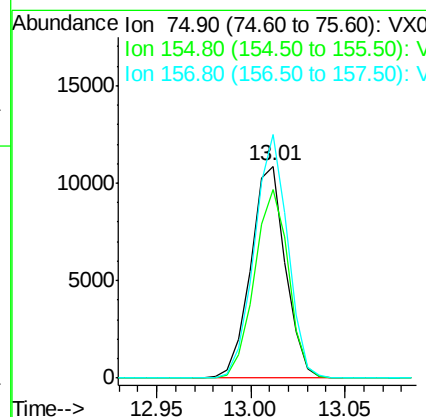
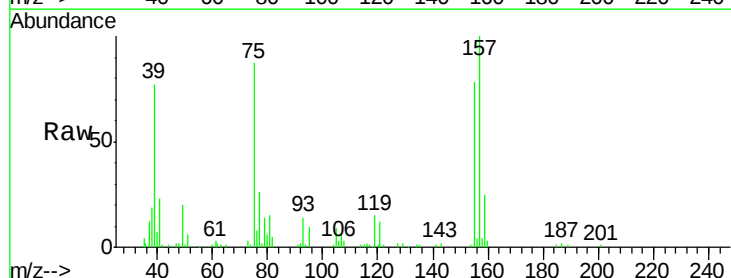
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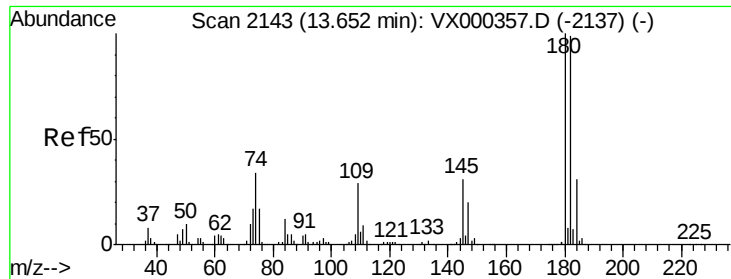
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.98 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000356.D
 Acq: 20 Mar 2018 11:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.0	45.0	134.8
157	109.7	58.1	174.2





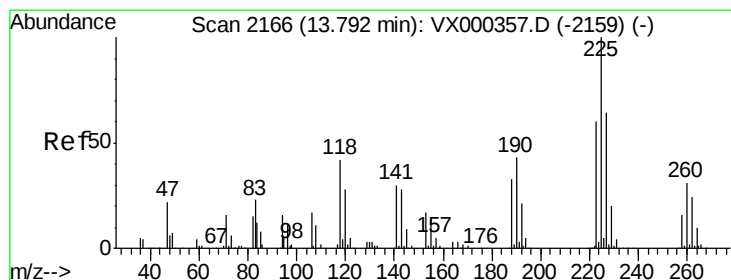
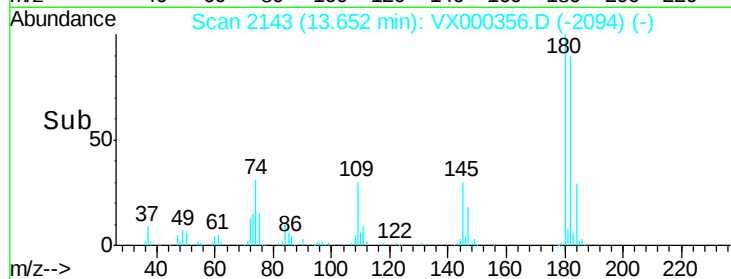
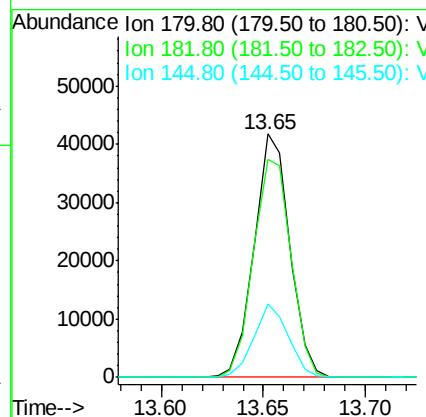
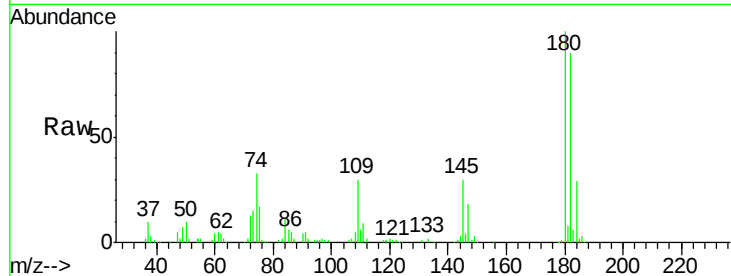
#93
 1,2,4-Trichlorobenzene
 Concen: 21.56 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000356.D
 Acq: 20 Mar 2018 11:18

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.6	142.9
145	29.4	15.1	45.3

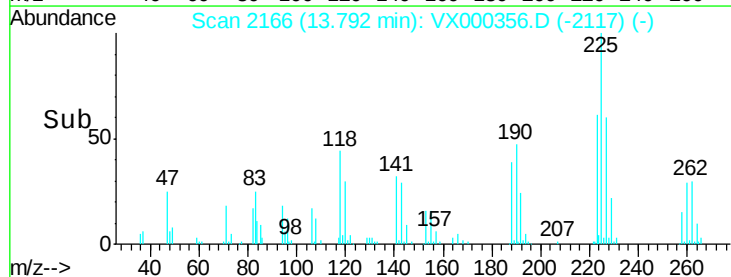
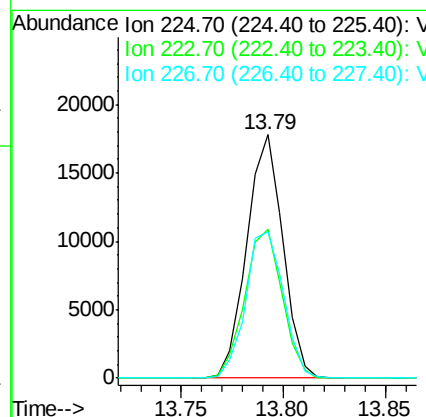
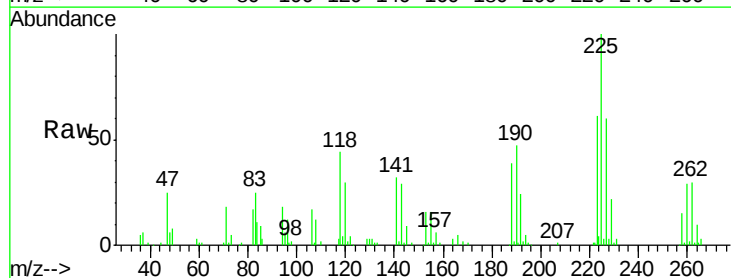
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#94
 Hexachlorobutadiene
 Concen: 23.50 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000356.D
 Acq: 20 Mar 2018 11:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	32.0	96.0
227	63.0	32.6	98.0





#95

Naphthalene

Concen: 22.37 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Instrument :

MSVOA_X

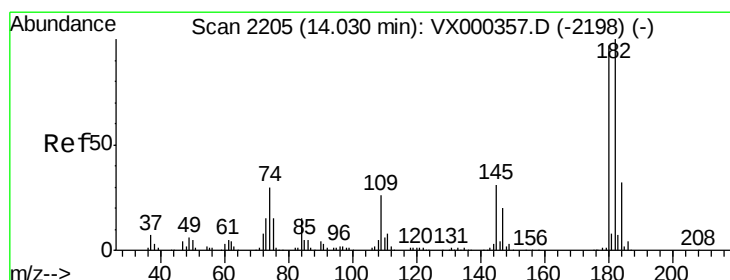
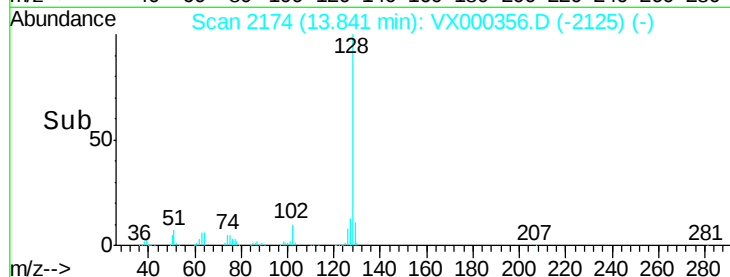
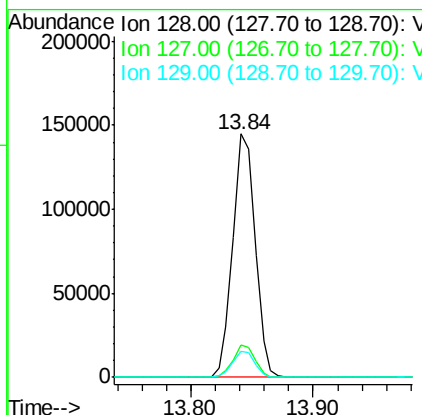
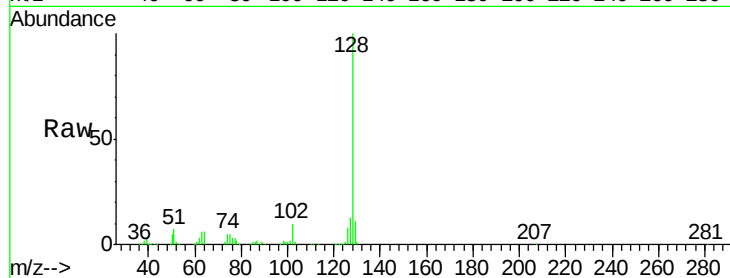
ClientSampleId :

VSTDIC020

Tot Ion:	128	Resp:	182941
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	15.8
129	10.8	8.9	13.3

Manual Integrations
APPROVED

sam
3/21/2018 11:44:06 AM



#96

1,2,3-Trichlorobenzene

Concen: 21.43 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000356.D

Acq: 20 Mar 2018 11:18

Tgt Ion:	180	Resp:	51007
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.4	142.3
145	29.1	15.8	47.3

