

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032718\
 Data File : VX000460.D
 Acq On : 27 Mar 2018 16:06
 Operator : JC/MD
 Sample : VX0327WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/28/2018 11:41:56 AM

Quant Time: Mar 28 07:25:24 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	159308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	254116	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	245984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	136886	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	97651	46.96	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	93.92%	
35) Dibromofluoromethane	5.50	113	75873	47.39	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	94.78%	
50) Toluene-d8	8.72	98	295347	44.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.08%	
62) 4-Bromofluorobenzene	11.15	95	110488	40.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	33107	18.86	ug/l	100
3) Chloromethane	1.32	50	31295	16.92	ug/l	94
4) Vinyl Chloride	1.40	62	36956	18.91	ug/l	97
5) Bromomethane	1.64	94	25799	11.06	ug/l	98
6) Chloroethane	1.73	64	23904	21.44	ug/l	99
7) Trichlorofluoromethane	1.93	101	62477	17.71	ug/l	99
8) Diethyl Ether	2.19	74	21763	17.26	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	28697	14.59	ug/l	95
10) Methyl Iodide	2.51	142	20144	13.73	ug/l	96
11) Tert butyl alcohol	3.04	59	48676	68.05	ug/l	100
12) 1,1-Dichloroethene	2.38	96	25948	15.03	ug/l	94
13) Acrolein	2.29	56	14935	76.16	ug/l	100
14) Allyl chloride	2.73	41	45753	14.93	ug/l	95
15) Acrylonitrile	3.14	53	111214	76.76	ug/l	99
16) Acetone	2.44	43	132102	76.36	ug/l	97
17) Carbon Disulfide	2.57	76	70998	15.47	ug/l	97
18) Methyl Acetate	2.78	43	52593	14.50	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	95136	14.90	ug/l	98
20) Methylene Chloride	2.86	84	30614	15.32	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	30435	15.80	ug/l	93
22) Diisopropyl ether	3.87	45	98433	18.24	ug/l	97
23) Vinyl Acetate	3.82	43	460352	89.96	ug/l	99
24) 1,1-Dichloroethane	3.70	63	54873	16.17	ug/l	97
25) 2-Butanone	4.68	43	194978	100.27	ug/l	99
26) 2,2-Dichloropropane	4.59	77	48887	20.55	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	36199	20.11	ug/l	96
28) Bromochloromethane	5.03	49	26607	19.01	ug/l	97
29) Tetrahydrofuran	5.15	42	119012	99.48	ug/l	98
30) Chloroform	5.22	83	65641	20.64	ug/l	97
31) Cyclohexane	5.59	56	53889	20.54	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	58700	20.46	ug/l	99
36) 1,1-Dichloropropene	5.81	75	47808	20.08	ug/l	100
37) Ethyl Acetate	4.84	43	64369	19.80	ug/l	99
38) Carbon Tetrachloride	5.79	117	48998	19.62	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	61569	21.27	ug/l	92
40) Benzene	6.15	78	142064	20.55	ug/l	96
41) Methacrylonitrile	5.06	41	32468	18.94	ug/l	97
42) 1,2-Dichloroethane	6.20	62	55712	20.54	ug/l	99
43) Isopropyl Acetate	6.46	43	96459	19.93	ug/l	98
44) Trichloroethene	7.22	130	41131	20.77	ug/l	99
45) 1,2-Dichloropropane	7.52	63	35645	20.15	ug/l	96
46) Dibromomethane	7.67	93	27264	19.63	ug/l	95
47) Bromodichloromethane	7.90	83	50898	20.83	ug/l	97
48) Methyl methacrylate	7.78	41	46972	19.99	ug/l	97
49) 1,4-Dioxane	7.75	88	18949	383.65	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	366736	97.89	ug/l	99
52) Toluene	8.79	92	93740	19.40	ug/l	97
53) t-1,3-Dichloropropene	8.44	75	57975	20.47	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	56234	20.47	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	38462	19.35	ug/l	93
56) Ethyl methacrylate	9.19	69	57124	18.97	ug/l	99
57) 1,3-Dichloropropane	9.38	76	63848	20.09	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	142706	98.74	ug/l	98
59) 2-Hexanone	9.50	43	312894	98.36	ug/l	99
60) Dibromochloromethane	9.59	129	40389	19.88	ug/l	97
61) 1,2-Dibromoethane	9.68	107	42796	20.08	ug/l	100
64) Tetrachloroethene	9.34	164	40378	21.15	ug/l	96
65) Chlorobenzene	10.15	112	108359	19.79	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	38003	20.44	ug/l	98
67) Ethyl Benzene	10.26	91	187678	20.22	ug/l	98
68) m/p-Xylenes	10.37	106	145015	39.71	ug/l	98
69) o-Xylene	10.71	106	68247	19.30	ug/l	98
70) Styrene	10.72	104	114468	19.57	ug/l	98
71) Bromoform	10.87	173	29517	18.55	ug/l #	100
73) Isopropylbenzene	11.02	105	191210	21.08	ug/l	99
74) N-amyl acetate	6.46	43	96459	22.59	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	67871	21.16	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	62600m	21.28	ug/l	
77) Bromobenzene	11.26	156	48915	20.25	ug/l	98
78) n-propylbenzene	11.37	91	225101	20.81	ug/l	100
79) 2-Chlorotoluene	11.43	91	124868	19.99	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	160748	21.08	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	18300	20.14	ug/l	95
82) 4-Chlorotoluene	11.52	91	152138	20.40	ug/l	99
83) tert-Butylbenzene	11.78	119	155234	20.18	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	165989	20.76	ug/l	100
85) sec-Butylbenzene	11.95	105	201770	21.20	ug/l	99
86) p-Isopropyltoluene	12.07	119	176196	20.85	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	91222	19.97	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	95021	19.81	ug/l	97
89) n-Butylbenzene	12.40	91	170669	21.69	ug/l	98
90) Hexachloroethane	12.60	117	27960	21.02	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	89599	20.01	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17726	19.81	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	67028	20.88	ug/l	100
94) Hexachlorobutadiene	13.79	225	29707	22.35	ug/l	100
95) Naphthalene	13.84	128	229595	20.53	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	65619	20.68	ug/l	97

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

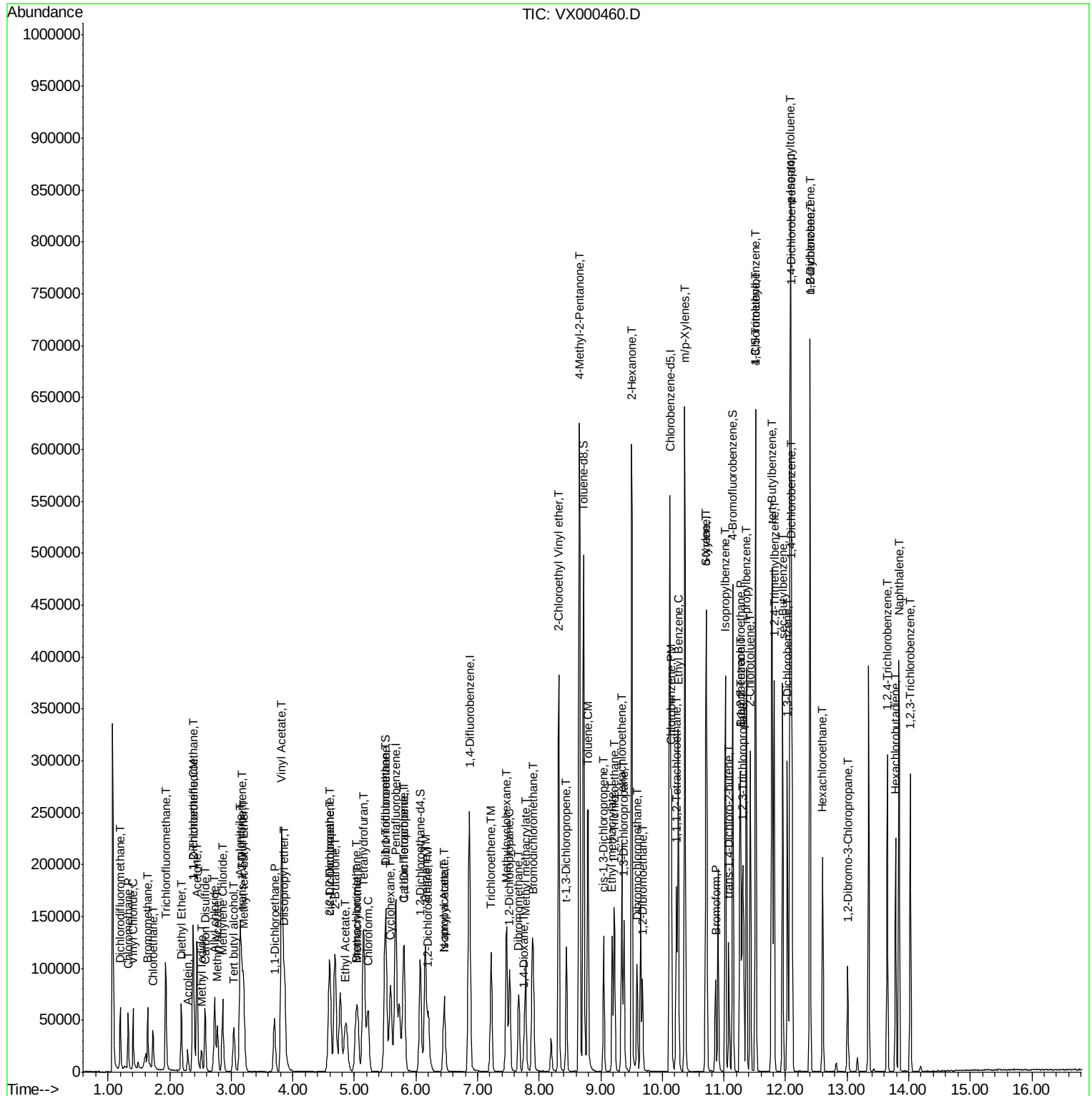
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032718\
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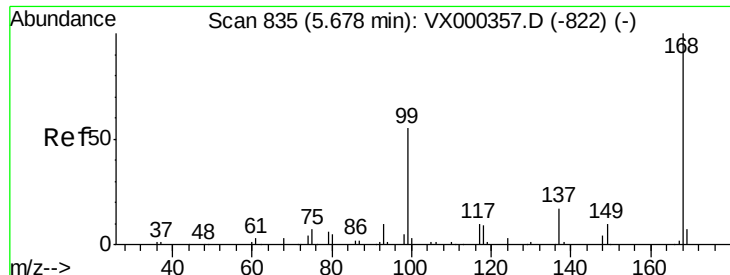
Instrument :
 MSVOA_X
 ClientSampleID :
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

Tot Ion:168 Resp: 159308

Ion Ratio Lower Upper

168 100

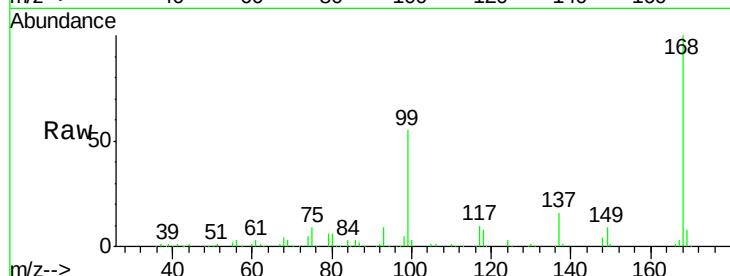
99 55.1 45.8 68.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

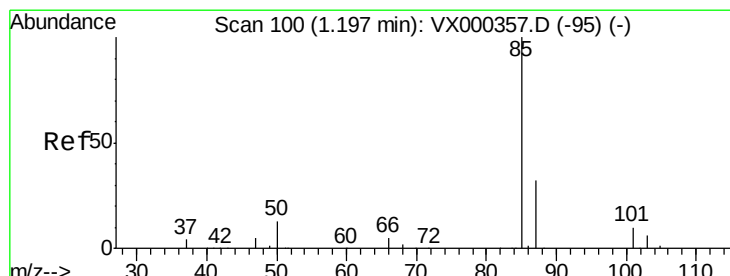
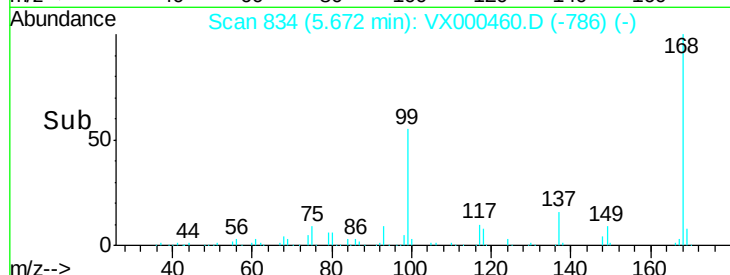
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.86 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000460.D

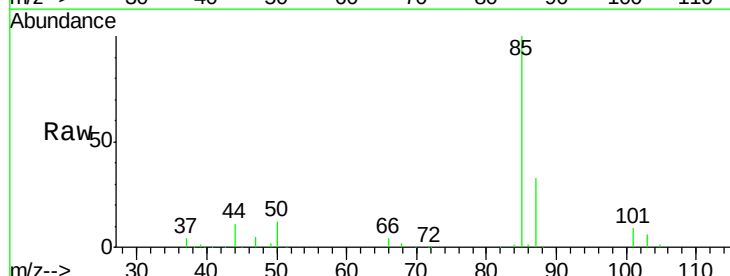
Acq: 27 Mar 2018 16:06

Tgt Ion: 85 Resp: 33107

Ion Ratio Lower Upper

85 100

87 33.4 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

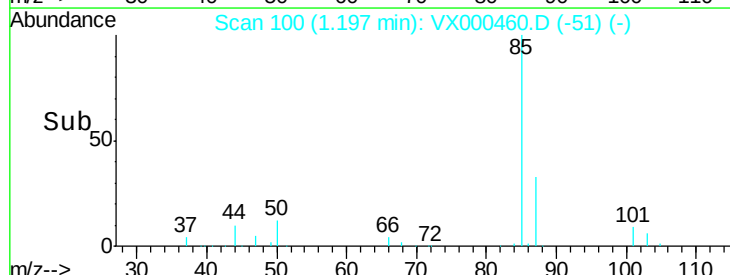
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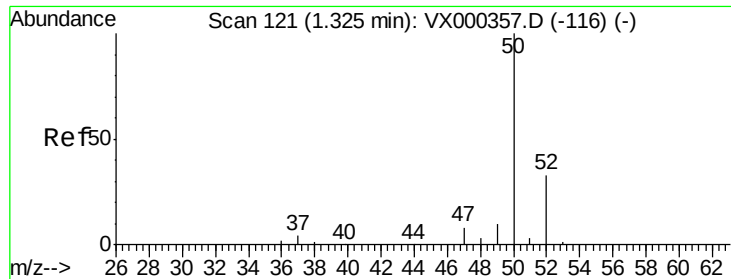
20000

10000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 16.92 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

ClientSampled :

VX0327WBSD01

Tot Ion: 50 Resp: 31295

Ion Ratio Lower Upper

50 100

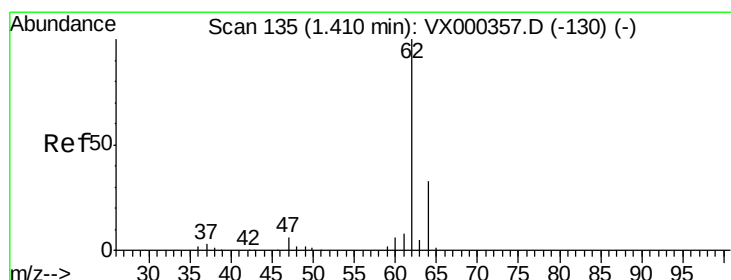
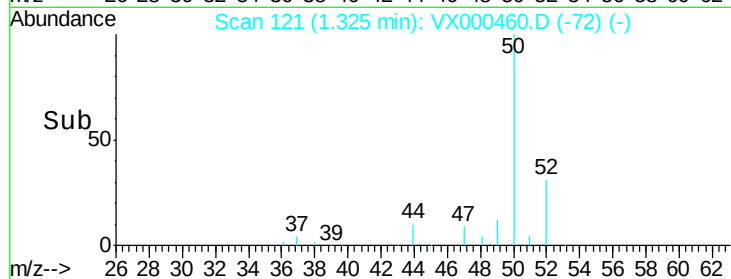
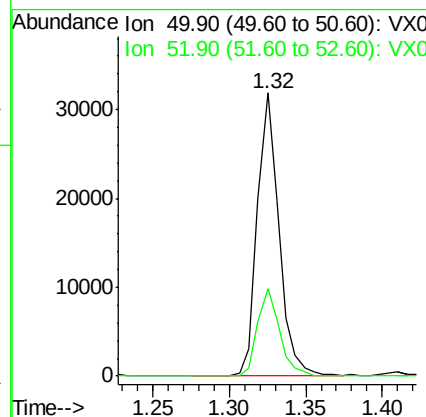
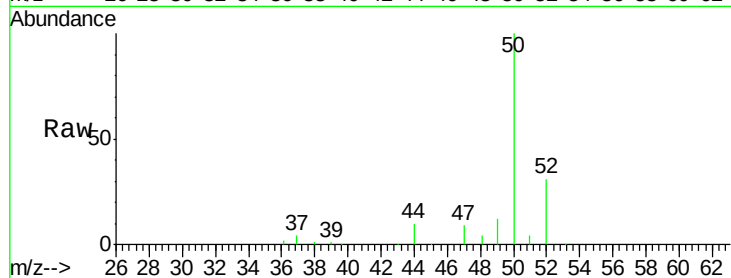
52 31.1 27.5 41.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.91 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000460.D

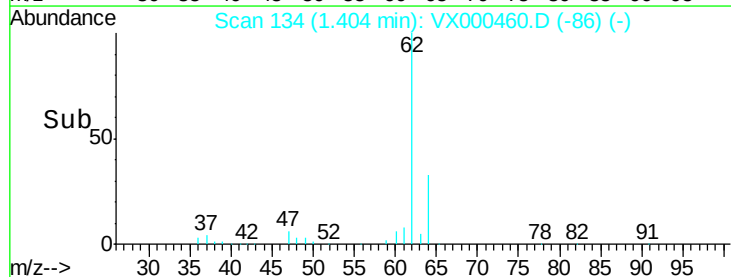
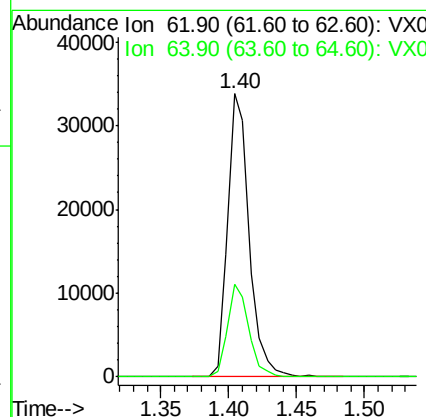
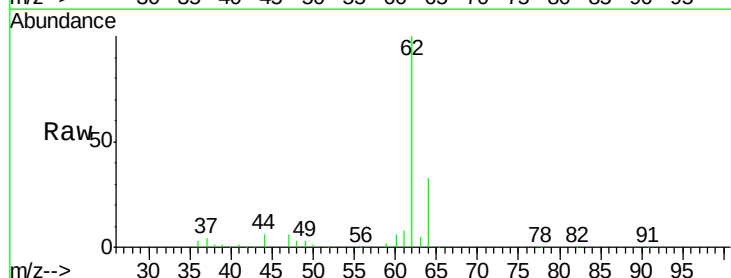
Acq: 27 Mar 2018 16:06

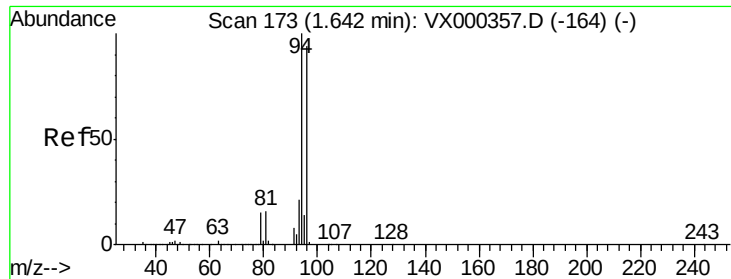
Tgt Ion: 62 Resp: 36956

Ion Ratio Lower Upper

62 100

64 32.6 24.8 37.2





#5

Bromomethane

Concen: 11.06 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

Tot Ion: 94 Resp: 25799

Ion Ratio Lower Upper

94 100

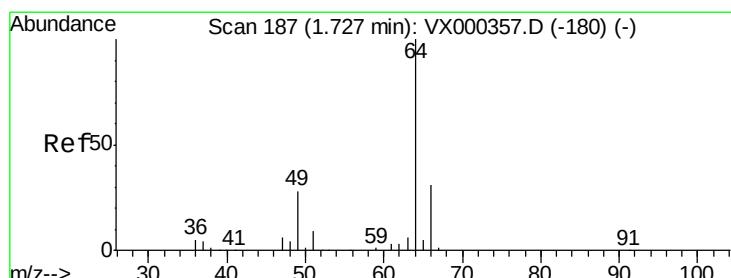
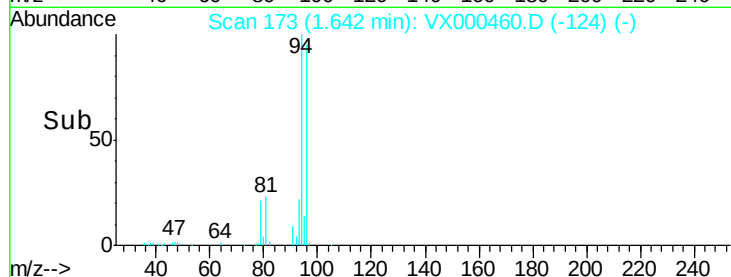
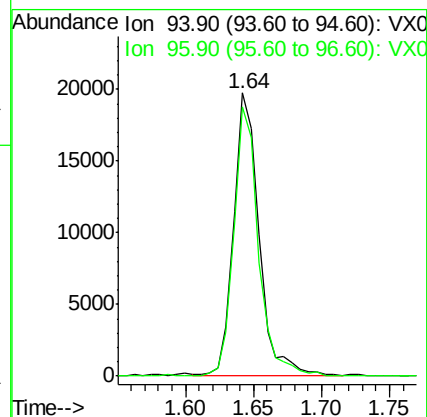
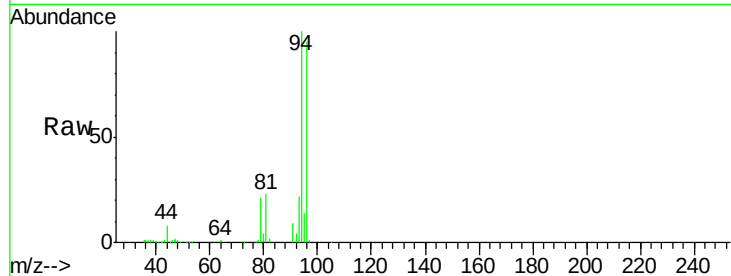
96 95.0 77.7 116.5

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#6

Chloroethane

Concen: 21.44 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000460.D

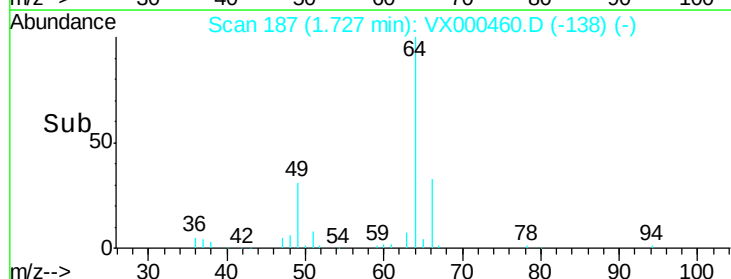
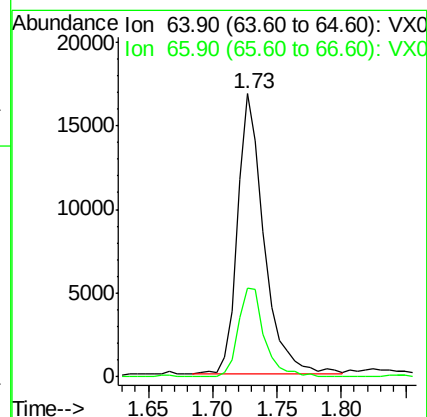
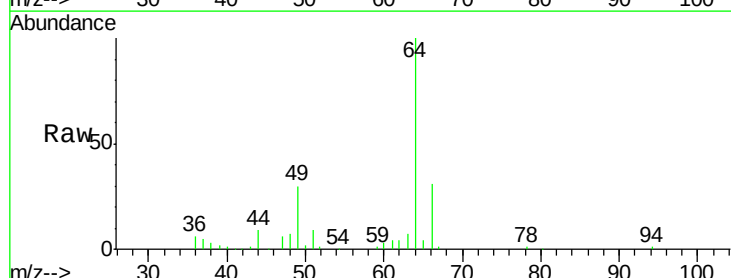
Acq: 27 Mar 2018 16:06

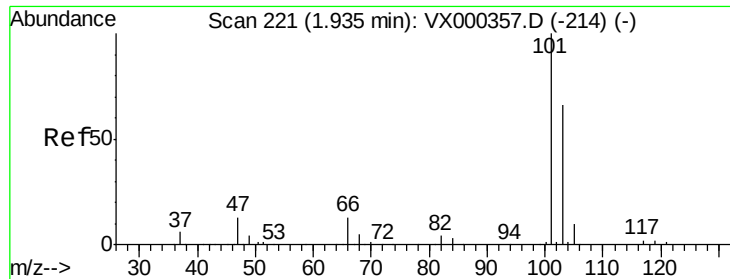
Tgt Ion: 64 Resp: 23904

Ion Ratio Lower Upper

64 100

66 31.8 24.8 37.2





#7

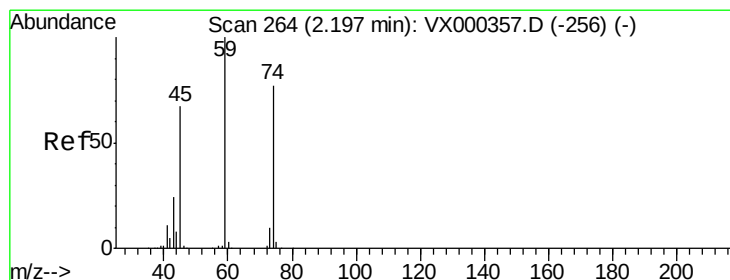
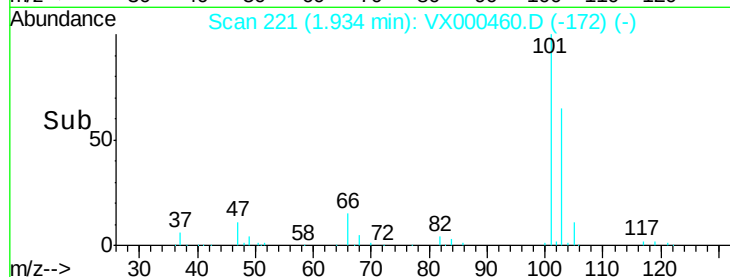
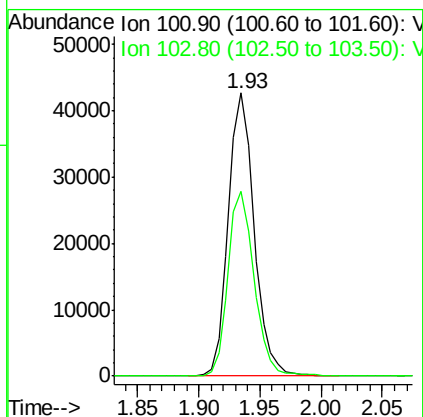
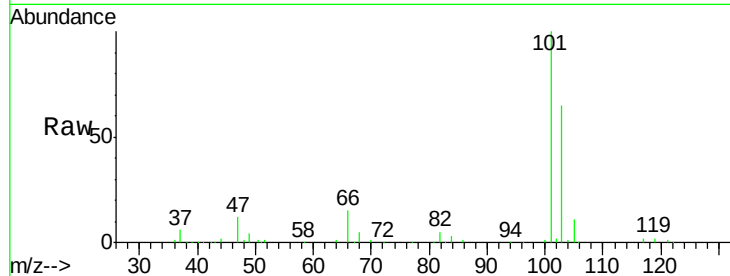
Trichlorofluoromethane
 Concen: 17.71 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000460.D
 Acq: 27 Mar 2018 16:06

Instrument :
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 ClientSampleId :
 VX0327WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.6	77.4

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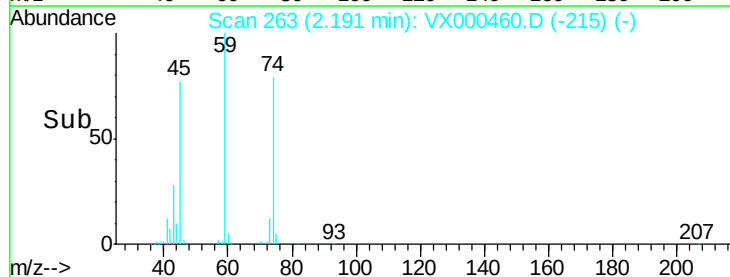
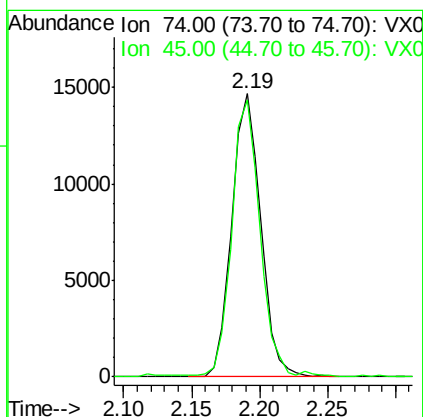
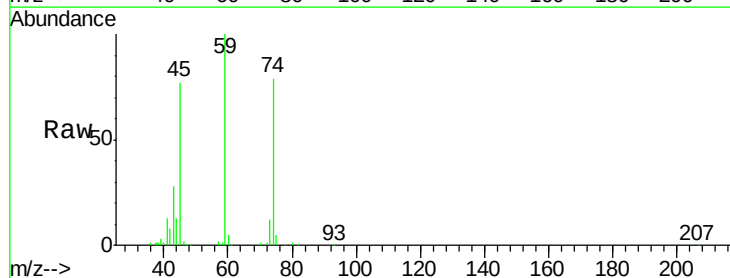
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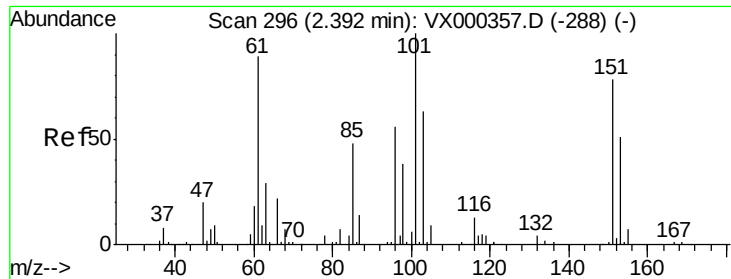


#8

Diethyl Ether
 Concen: 17.26 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.01 min
 Lab File: VX000460.D
 Acq: 27 Mar 2018 16:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.9	45.1	135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 14.59 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

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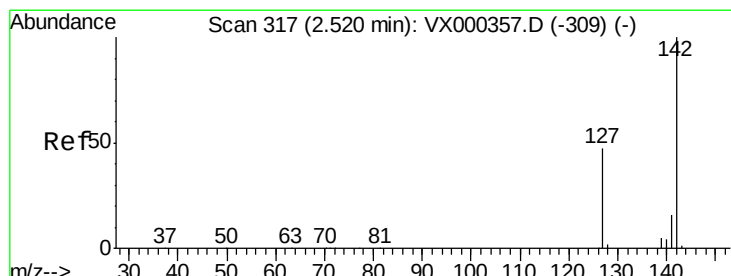
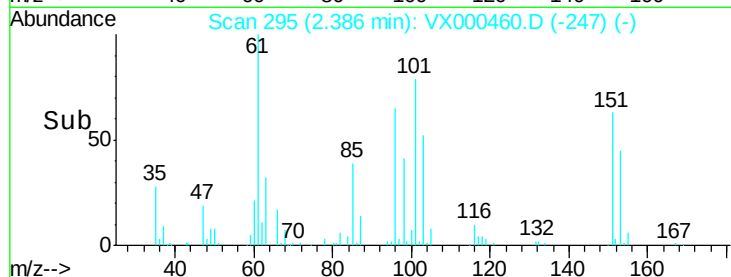
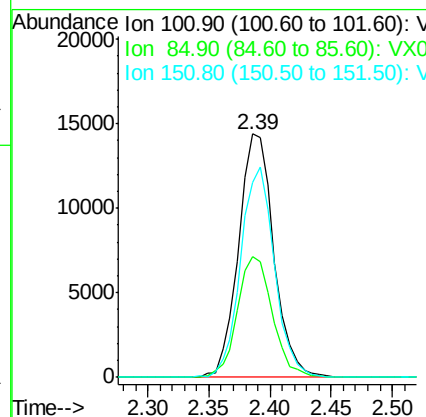
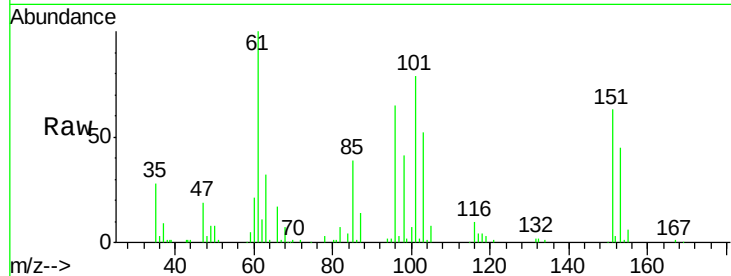
ClientSampleId :

VX0327WBSD01

Tot Ion:	101	Resp:	28697
Ion Ratio	Lower	Upper	
101	100		
85	49.3	37.6	56.4
151	83.3	62.6	93.8

Manual Integrations
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#10

Methyl Iodide

Concen: 13.73 ug/l

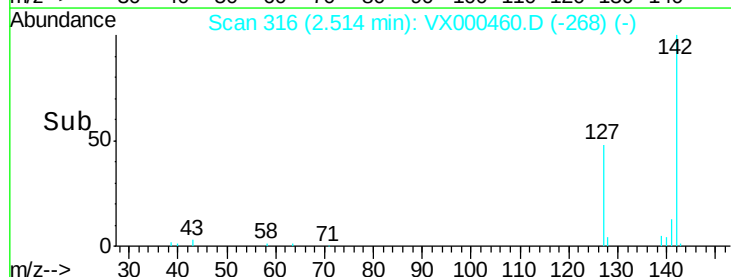
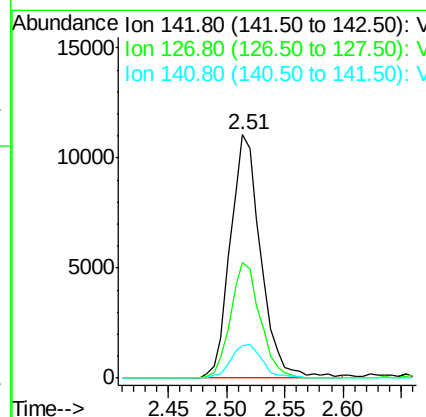
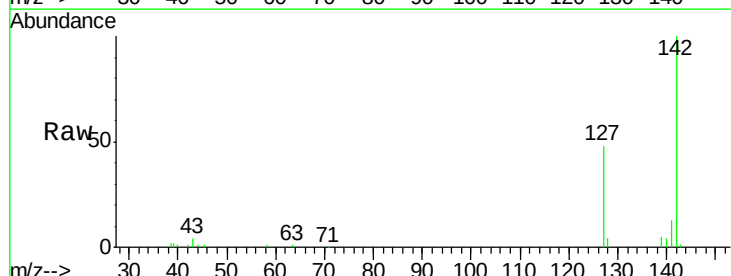
RT: 2.51 min Scan# 316

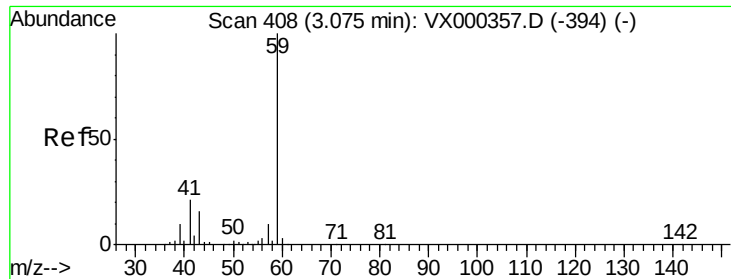
Delta R.T. -0.01 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Tgt Ion:	142	Resp:	20144
Ion Ratio	Lower	Upper	
142	100		
127	45.9	39.2	58.8
141	14.3	11.7	17.5





#11

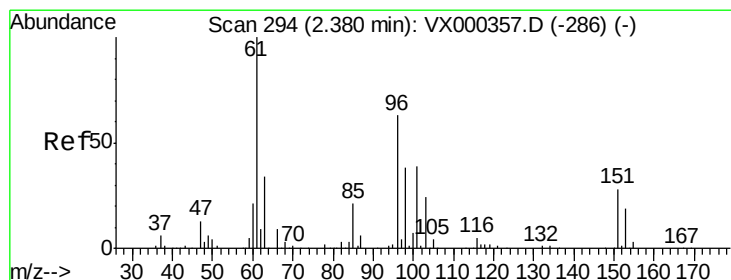
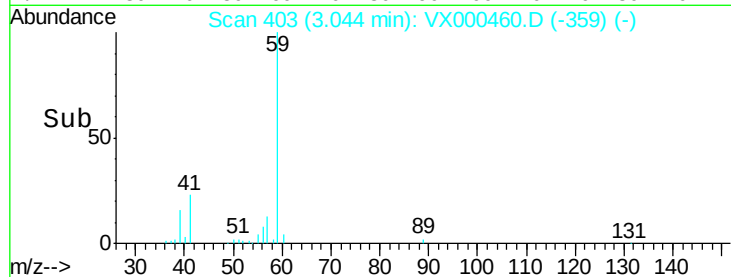
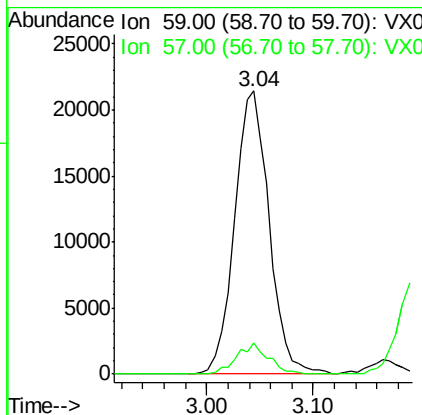
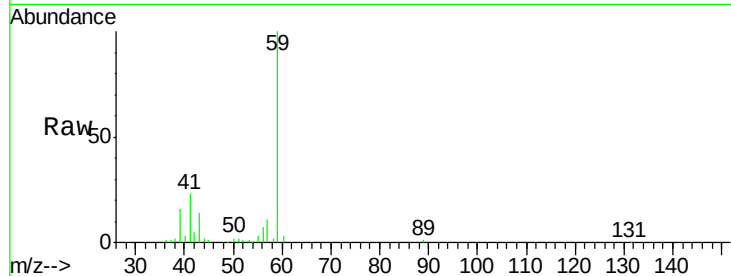
Tert butyl alcohol
 Concen: 68.05 ug/l
 RT: 3.04 min Scan# 403
 Delta R.T. -0.03 min
 Lab File: VX000460.D
 Acq: 27 Mar 2018 16:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.4	12.6

Manual Integrations
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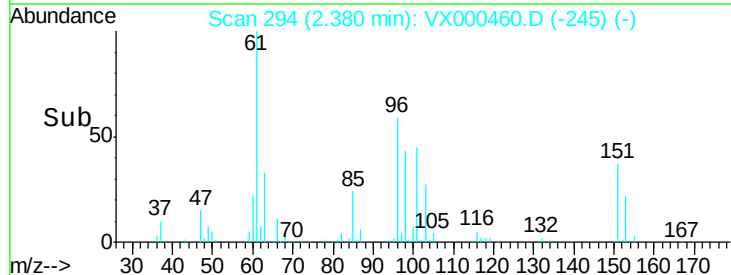
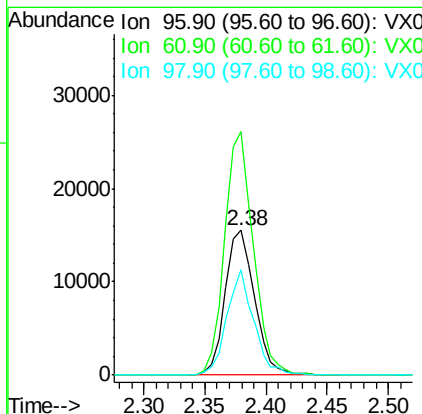
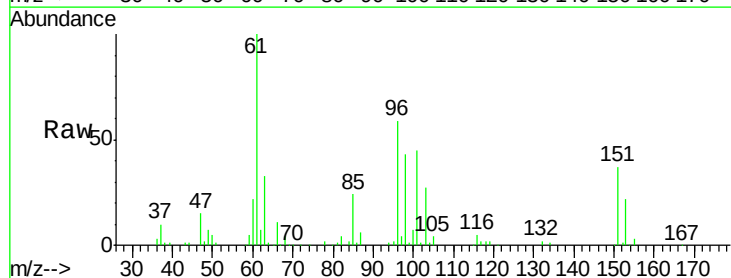
MMDadoda
 3/28/2018 11:41:56 AM

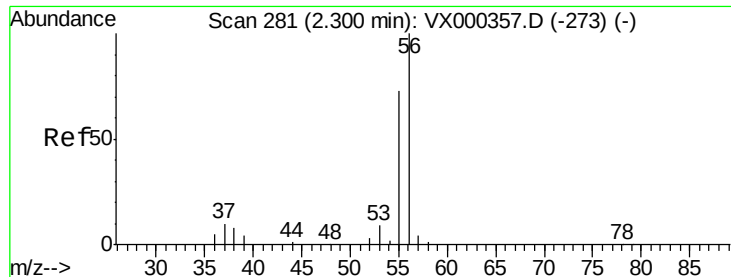


#12

1,1-Dichloroethene
 Concen: 15.03 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: VX000460.D
 Acq: 27 Mar 2018 16:06

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.1	131.2	196.8
98	72.4	49.8	74.8





#13

Acrolein

Concen: 76.16 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

Tot Ion: 56 Resp: 14935

Ion Ratio Lower Upper

56 100

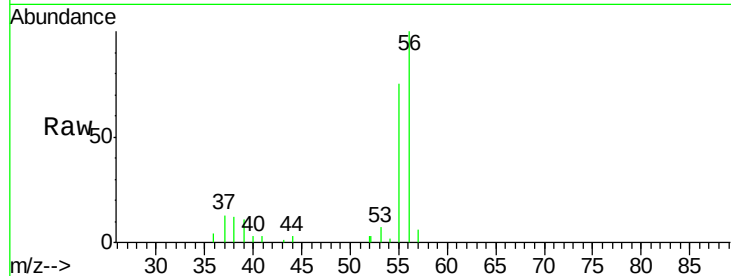
55 73.7 58.8 88.2

Manual Integrations

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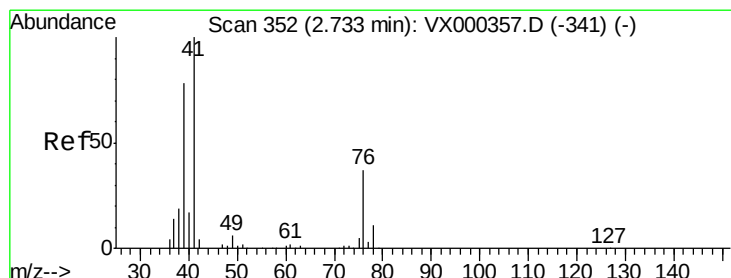
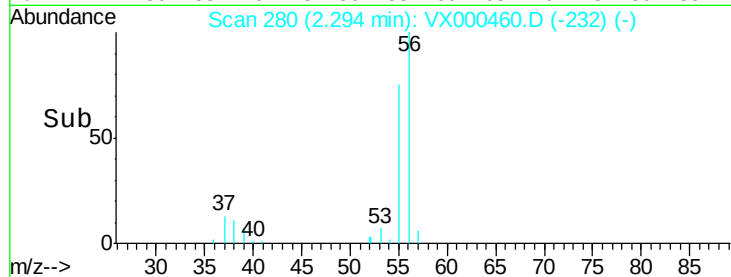
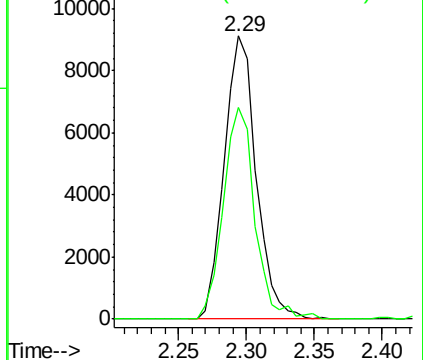
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 14.93 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

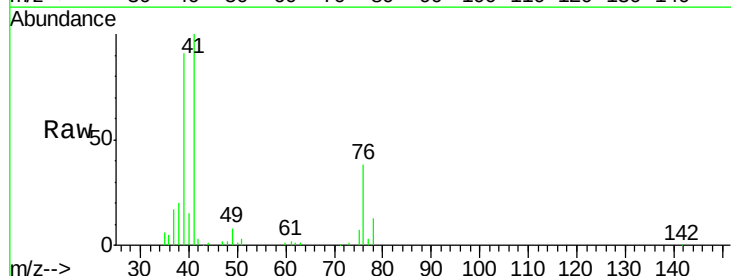
Tgt Ion: 41 Resp: 45753

Ion Ratio Lower Upper

41 100

39 77.8 57.6 86.4

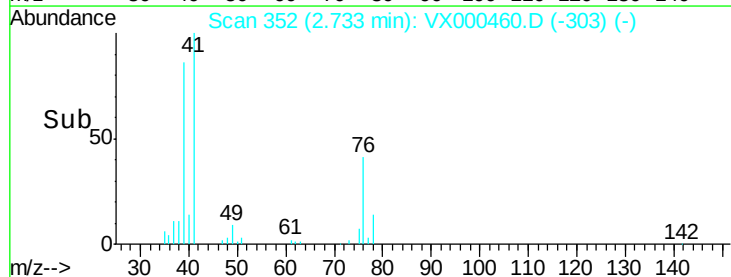
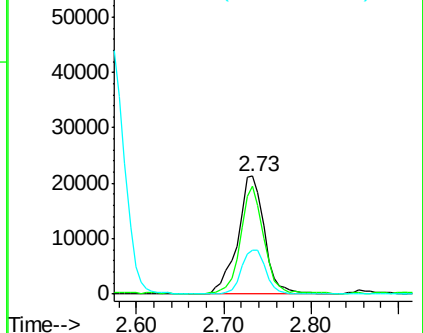
76 33.6 27.3 40.9

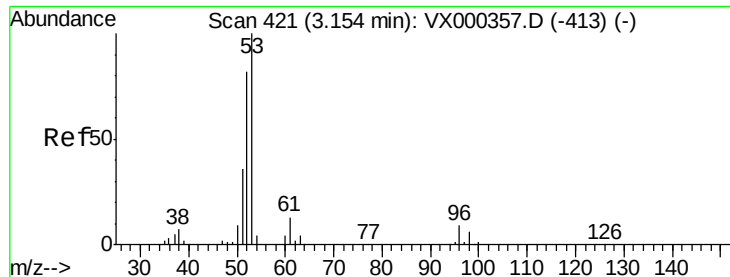


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 76.76 ug/l

RT: 3.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

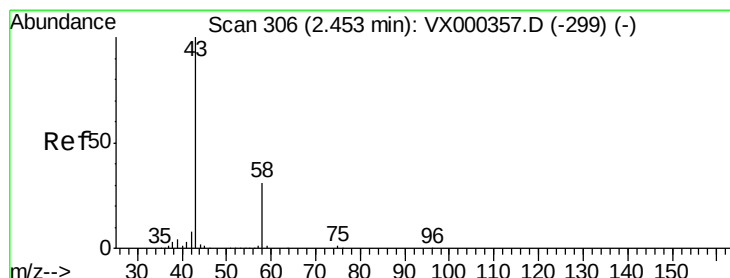
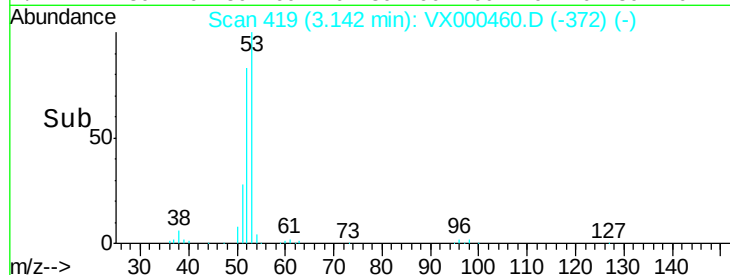
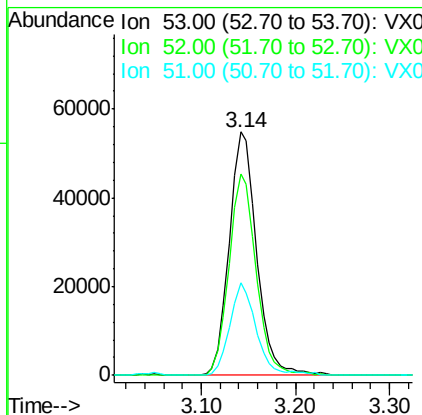
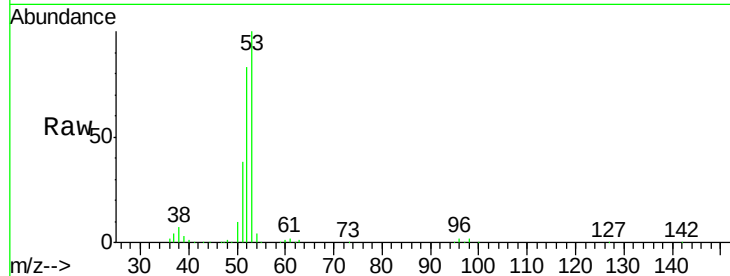
ClientSampleId :

VX0327WBSD01

Tot Ion:	53	Resp:	111214
Ion Ratio		Lower	Upper
53	100		
52	82.1	66.6	99.8
51	35.8	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 76.36 ug/l

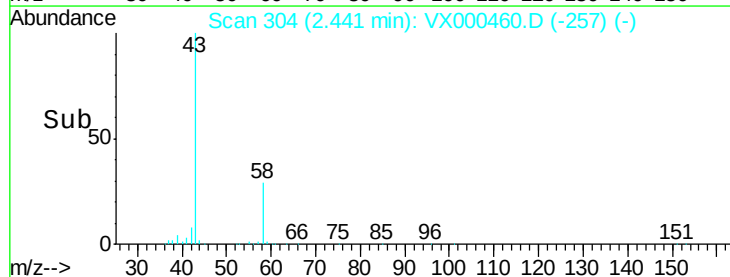
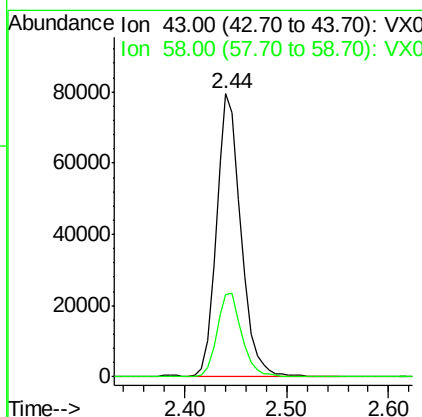
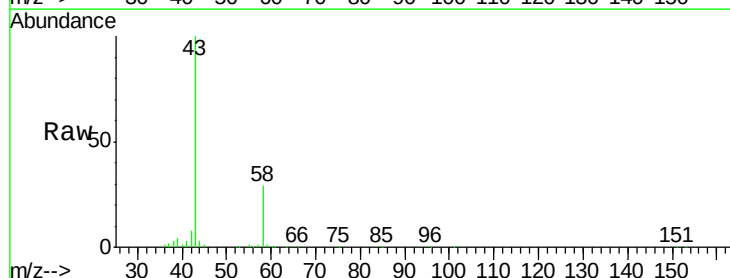
RT: 2.44 min Scan# 304

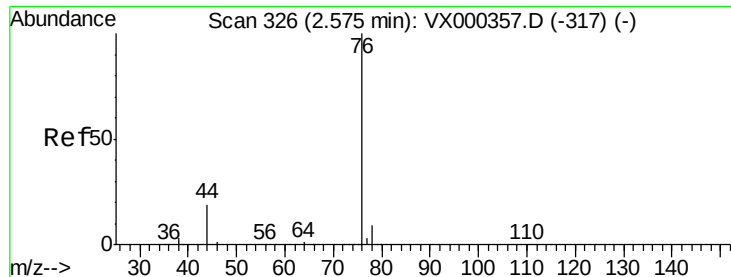
Delta R.T. -0.01 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Tgt Ion:	43	Resp:	132102
Ion Ratio		Lower	Upper
43	100		
58	29.2	24.7	37.1





#17

Carbon Disulfide

Concen: 15.47 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

Tot Ion: 76 Resp: 70998

Ion Ratio Lower Upper

76 100

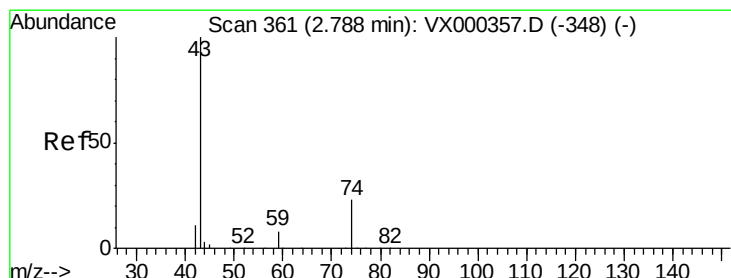
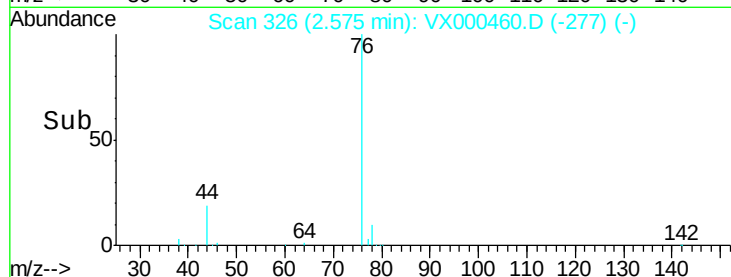
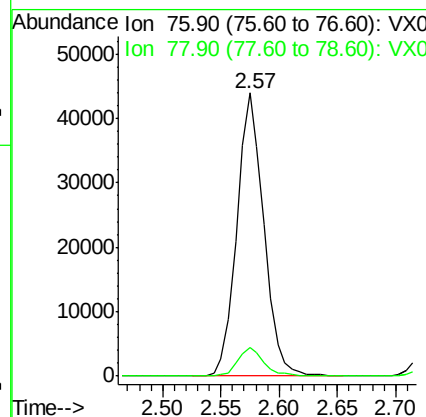
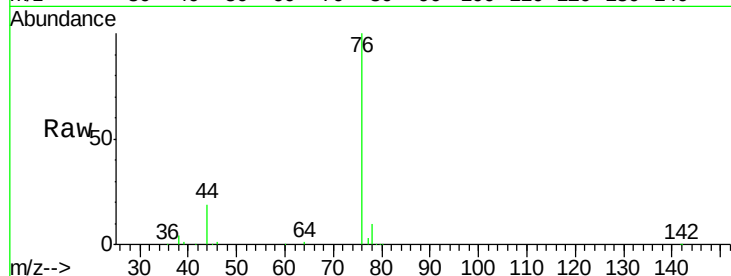
78 10.0 7.0 10.6

Manual Integrations

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#18

Methyl Acetate

Concen: 14.50 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX000460.D

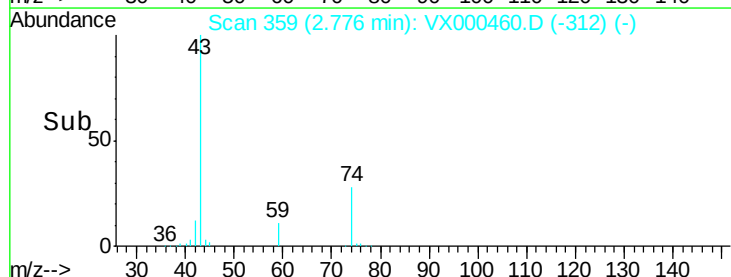
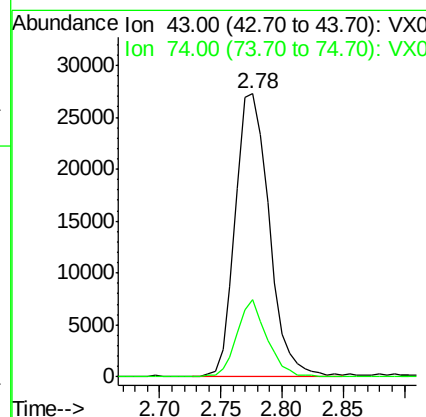
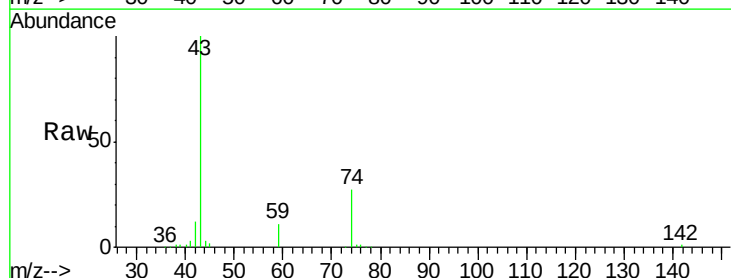
Acq: 27 Mar 2018 16:06

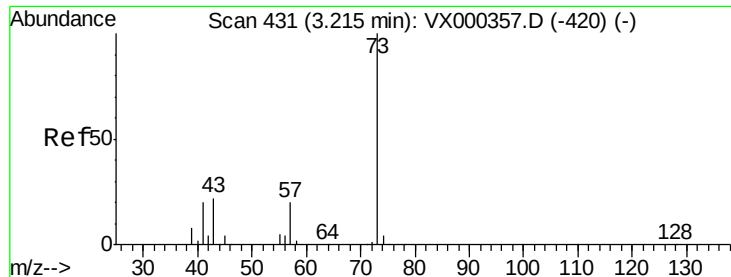
Tgt Ion: 43 Resp: 52593

Ion Ratio Lower Upper

43 100

74 24.0 19.4 29.2





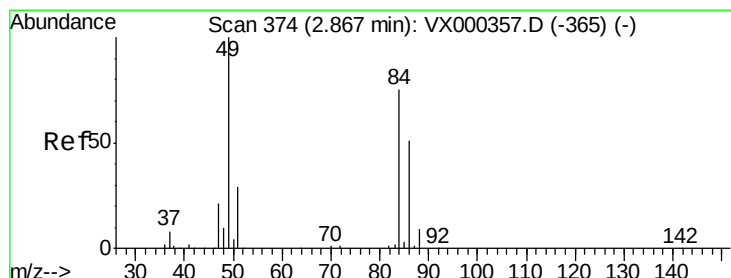
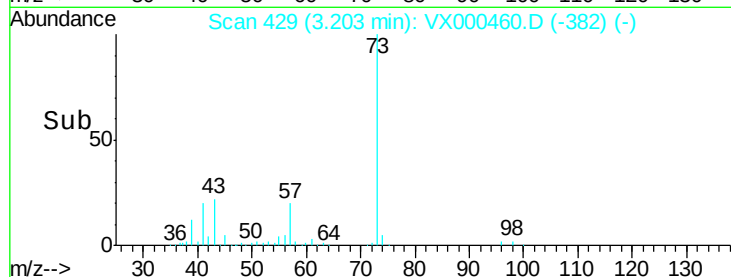
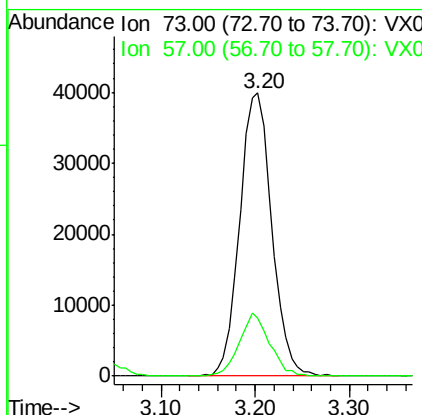
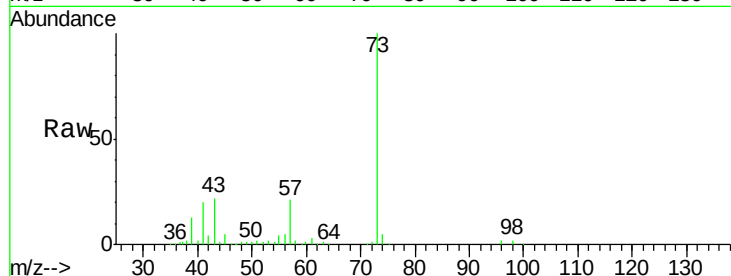
#19
Methyl tert-butyl Ether
Concen: 14.90 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.5	17.2	25.8

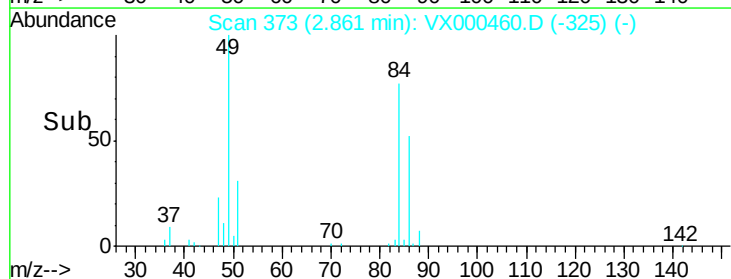
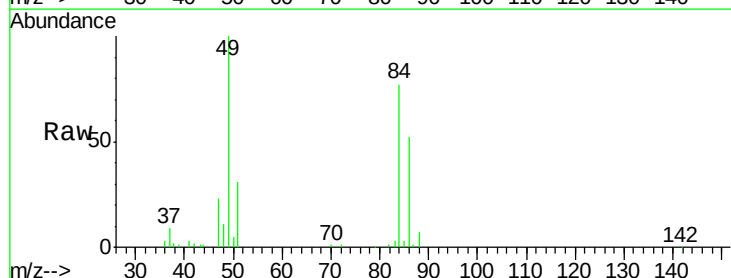
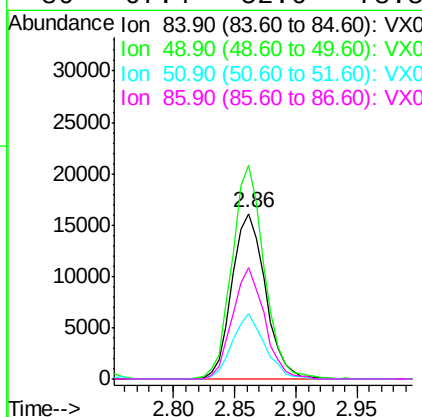
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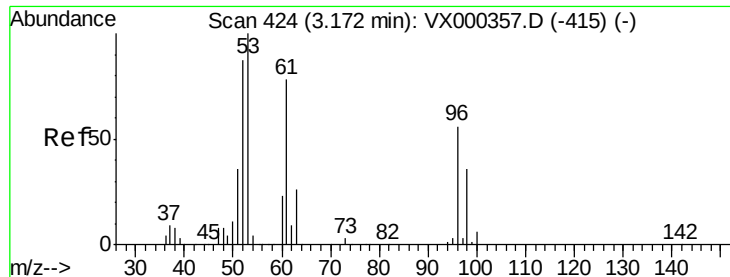
MM Dadoda
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#20
Methylene Chloride
Concen: 15.32 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

Tgt Ion	Ratio	Lower	Upper
84	100		
49	129.2	100.6	151.0
51	39.8	31.6	47.4
86	67.4	52.6	78.8





#21

trans-1,2-Dichloroethene

Concen: 15.80 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

Tot Ion: 96 Resp: 30435

Ion Ratio Lower Upper

96 100

61 120.8 104.0 156.0

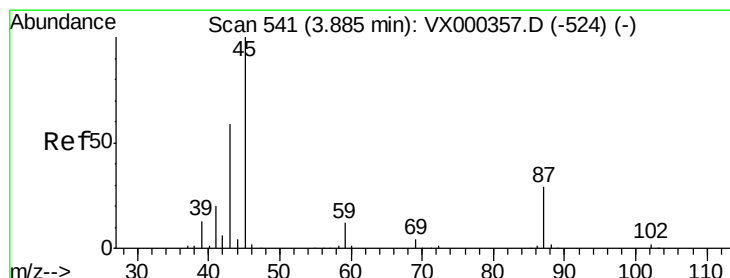
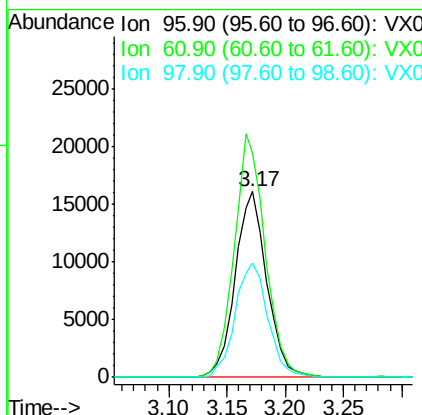
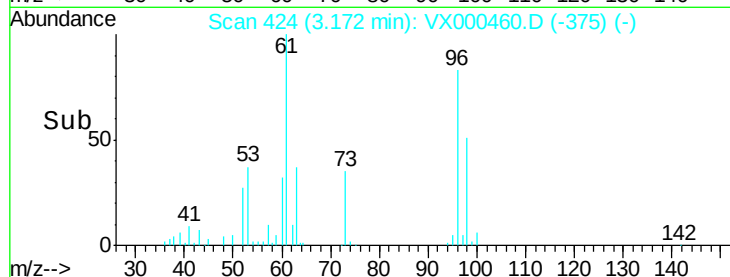
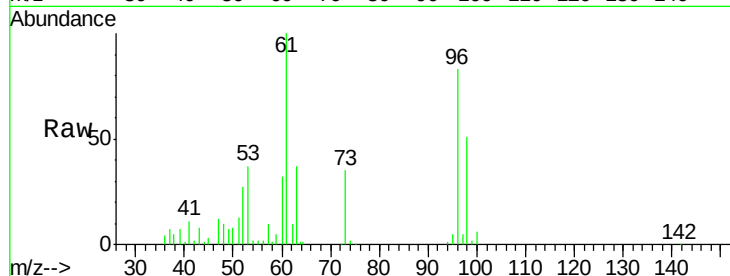
98 61.4 52.1 78.1

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#22

Diisopropyl ether

Concen: 18.24 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.02 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Tgt Ion: 45 Resp: 98433

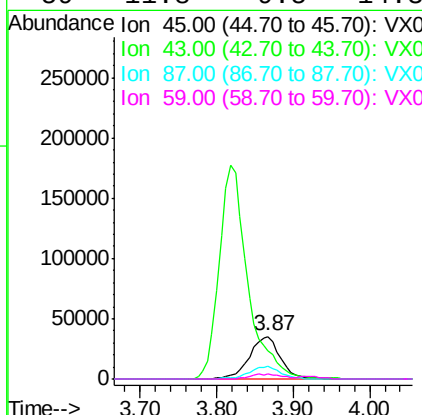
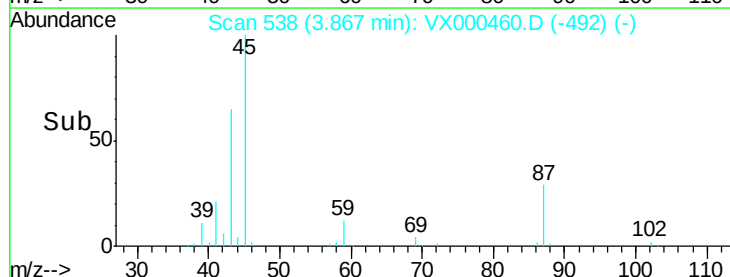
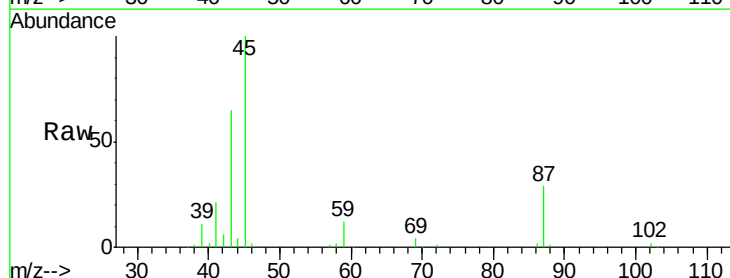
Ion Ratio Lower Upper

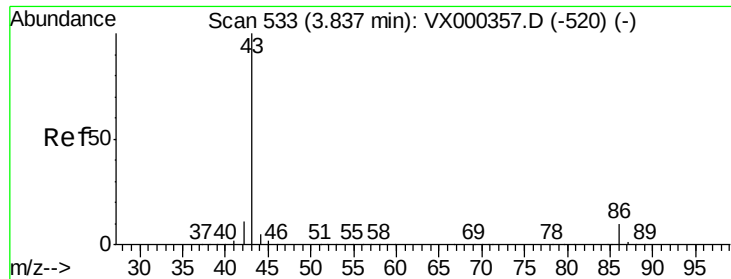
45 100

43 64.6 53.9 80.9

87 29.0 22.6 34.0

59 11.8 9.5 14.3





#23

Vinyl Acetate

Concen: 89.96 ug/l

RT: 3.82 min Scan# 530

Delta R.T. -0.02 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

Tot Ion: 43 Resp: 460352

Ion Ratio Lower Upper

43 100

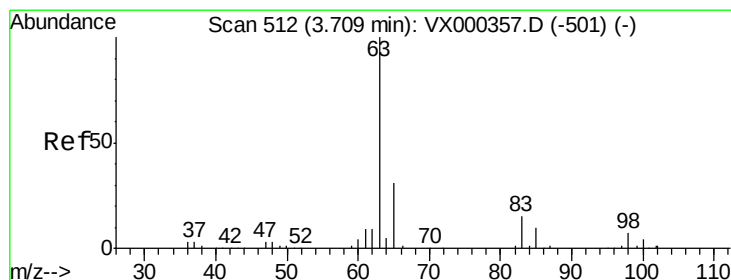
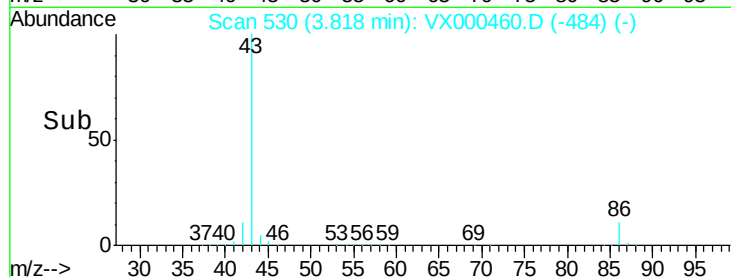
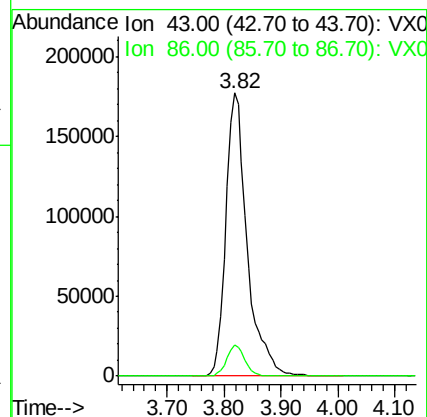
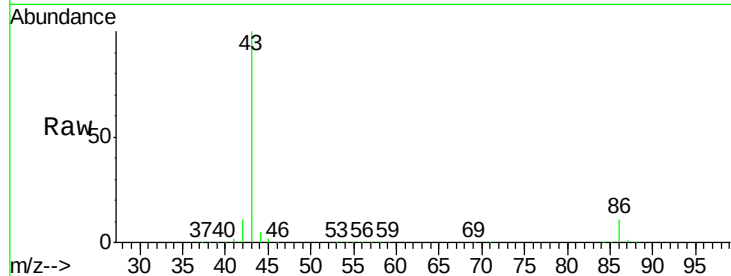
86 11.0 8.6 12.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 16.17 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

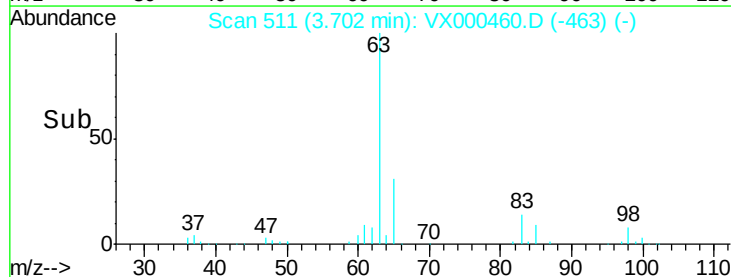
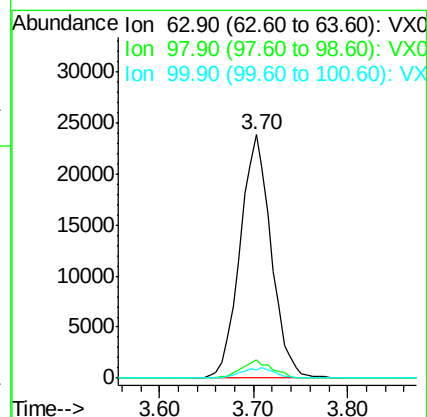
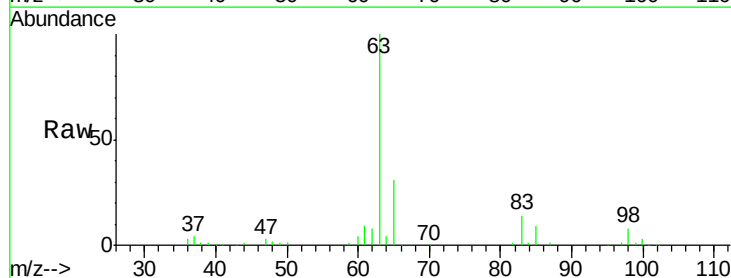
Tgt Ion: 63 Resp: 54873

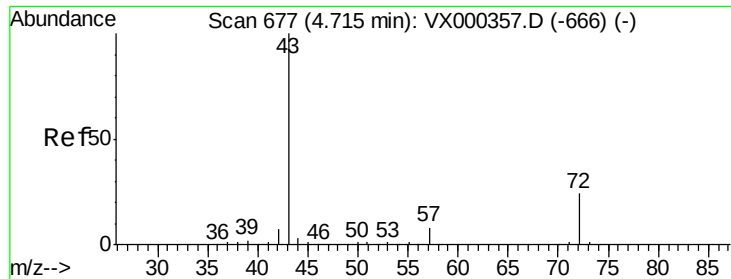
Ion Ratio Lower Upper

63 100

98 7.7 3.3 9.9

100 3.4 2.0 5.8





#25

2-Butanone

Concen: 100.27 ug/l

RT: 4.68 min Scan# 672

Delta R.T. -0.03 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

Tot Ion: 43 Resp: 194978

Ion Ratio Lower Upper

43 100

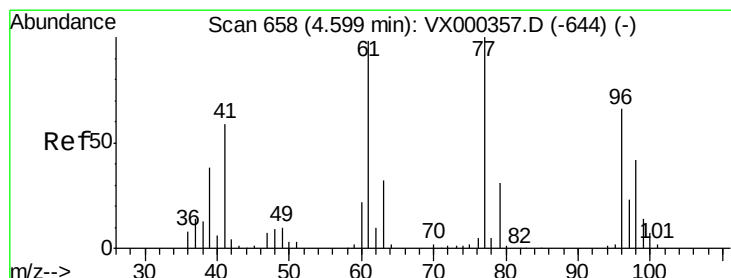
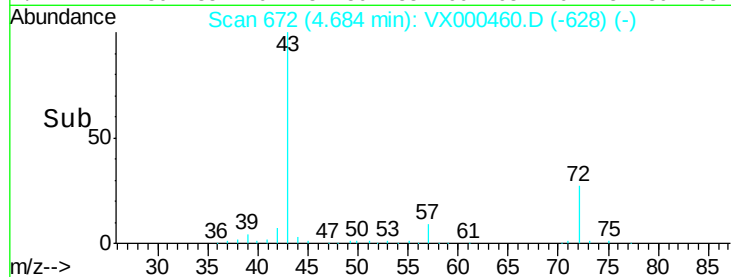
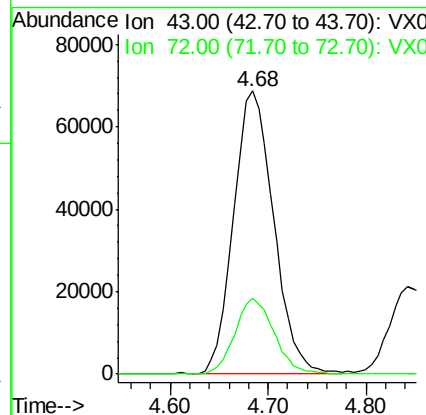
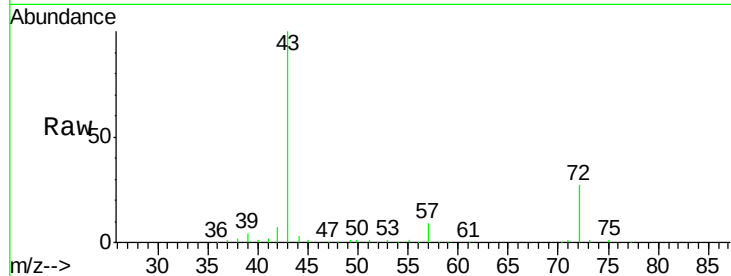
72 26.9 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.55 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000460.D

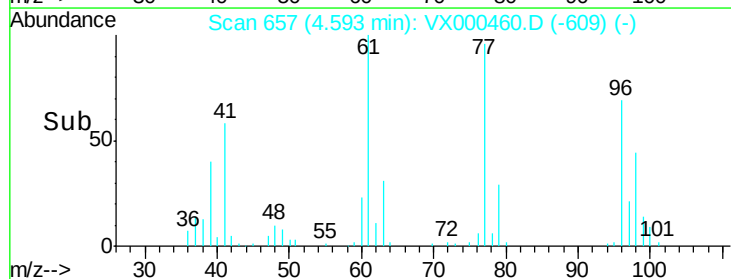
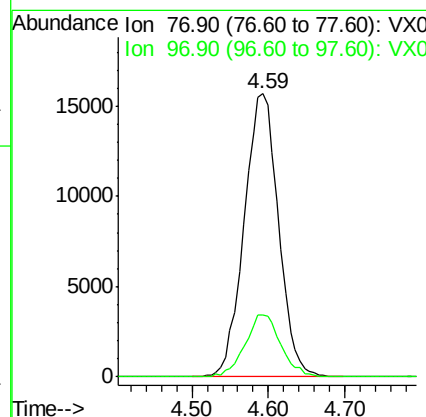
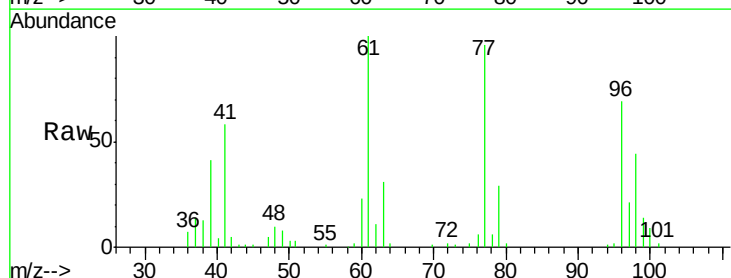
Acq: 27 Mar 2018 16:06

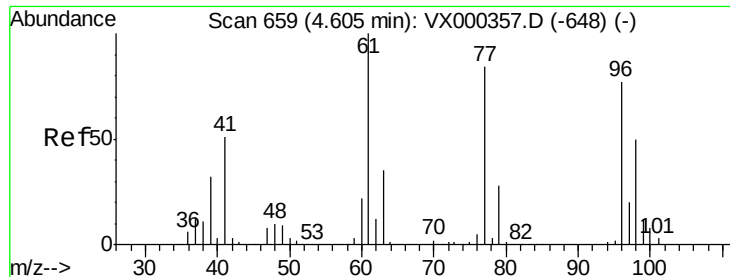
Tgt Ion: 77 Resp: 48887

Ion Ratio Lower Upper

77 100

97 22.8 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 20.11 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

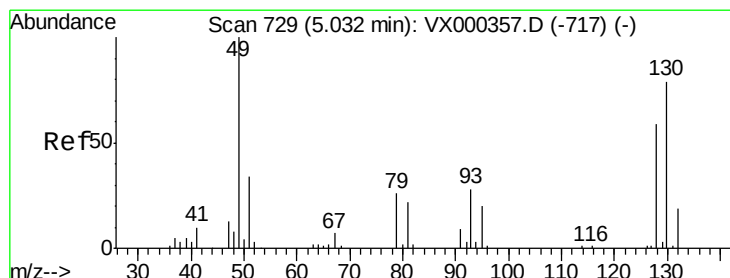
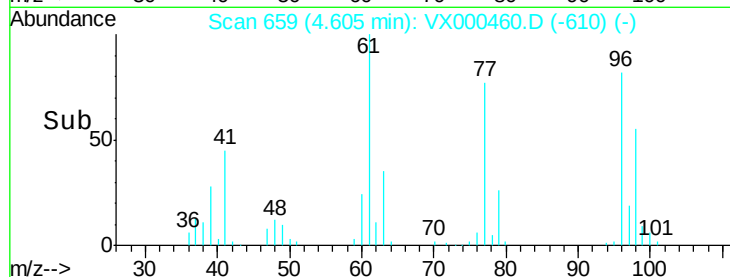
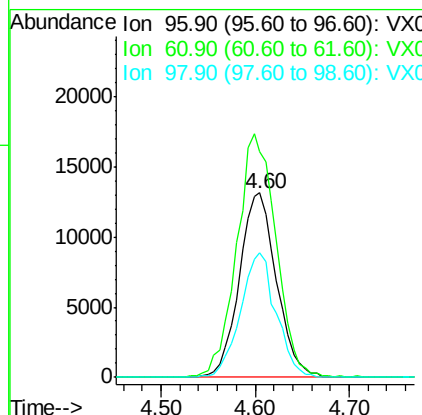
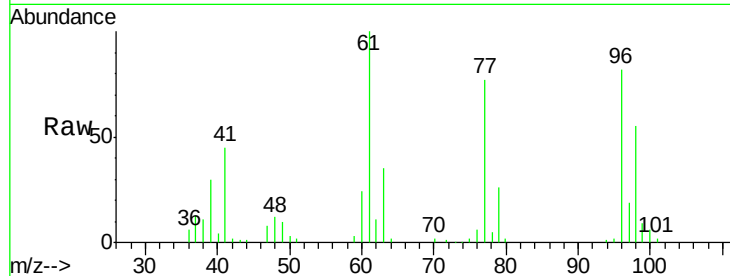
ClientSampleId :

VX0327WBSD01

Tot Ion:	96	Resp:	36199
Ion	Ratio	Lower	Upper
96	100		
61	139.8	0.0	291.6
98	64.6	0.0	132.0

Manual Integrations
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#28

Bromochloromethane

Concen: 19.01 ug/l

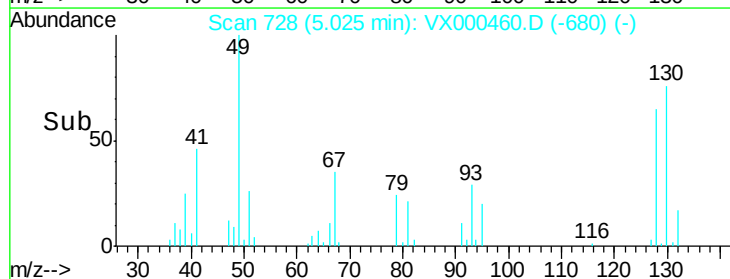
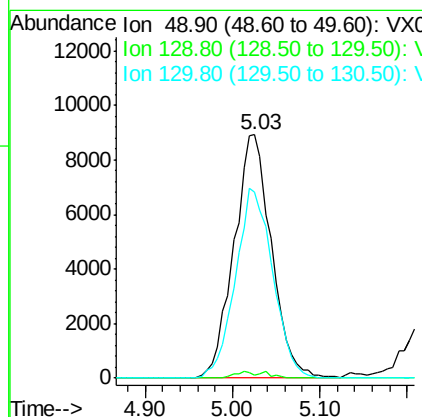
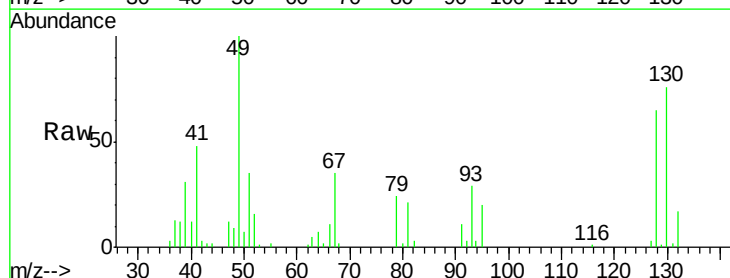
RT: 5.03 min Scan# 728

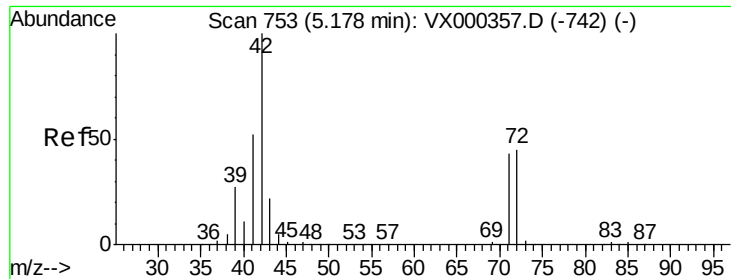
Delta R.T. -0.01 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Tgt Ion:	49	Resp:	26607
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	5.0
130	77.3	64.0	96.0





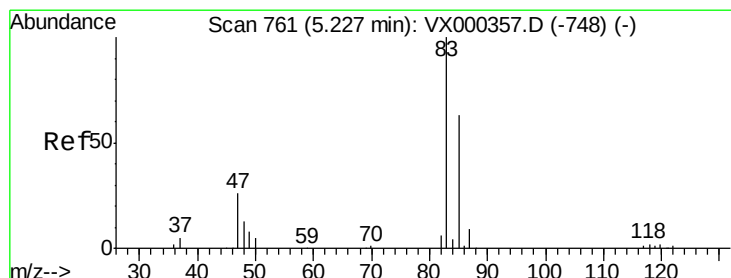
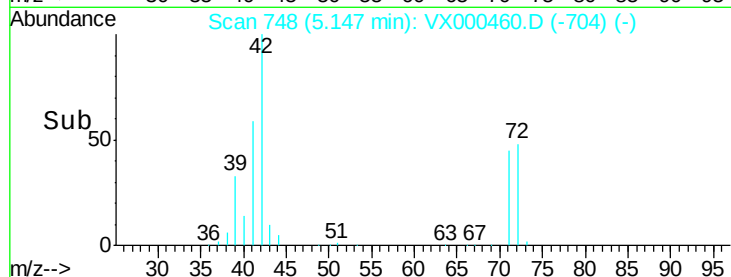
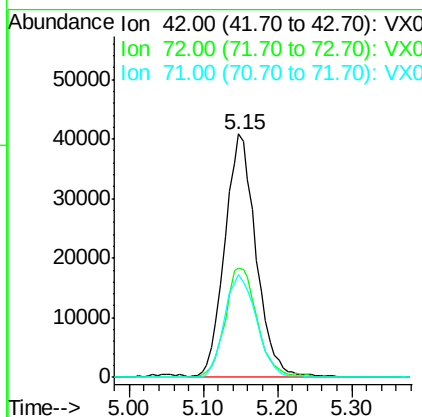
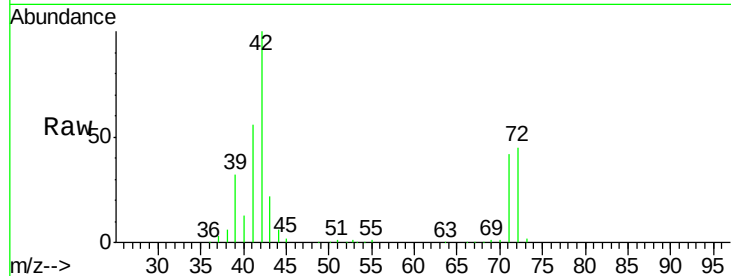
#29
Tetrahydrofuran
Concen: 99.48 ug/l
RT: 5.15 min Scan# 748
Delta R.T. -0.03 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.3	37.9	56.9
71	43.9	34.4	51.6

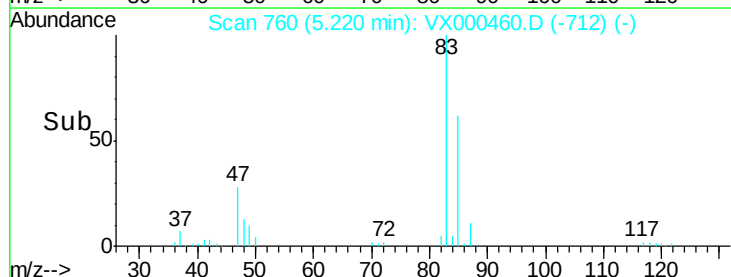
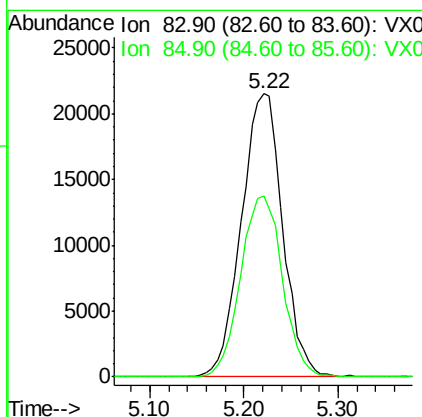
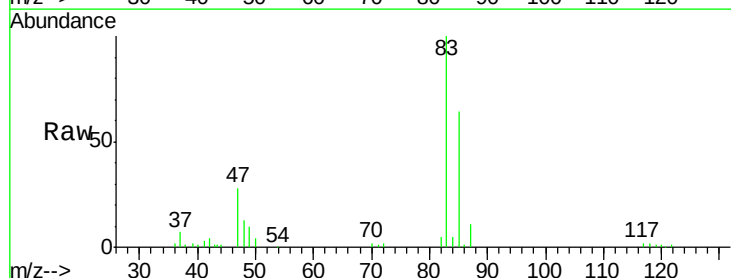
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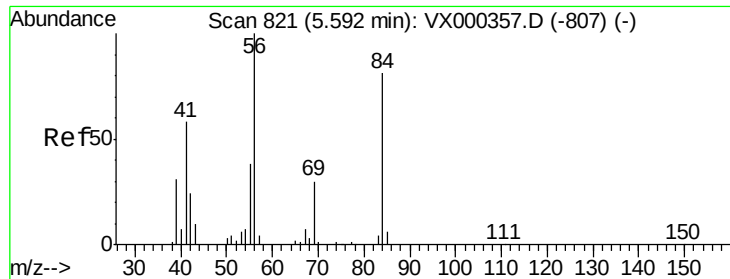
MM Dadoda
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#30
Chloroform
Concen: 20.64 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	53.3	79.9





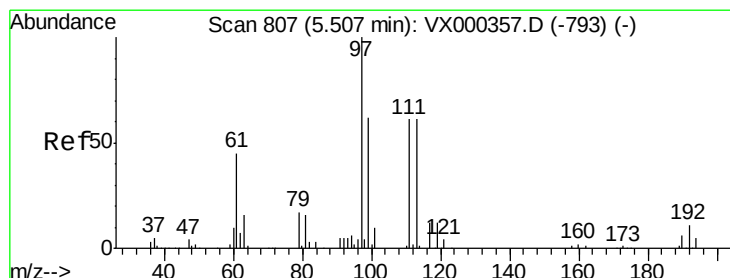
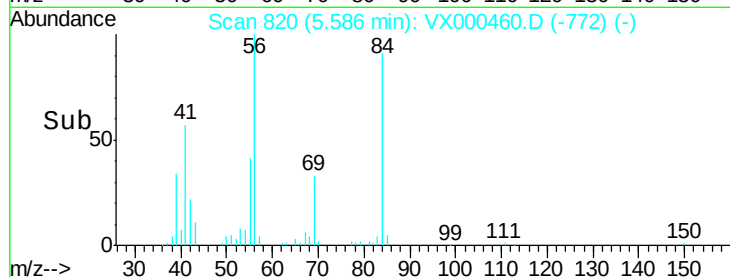
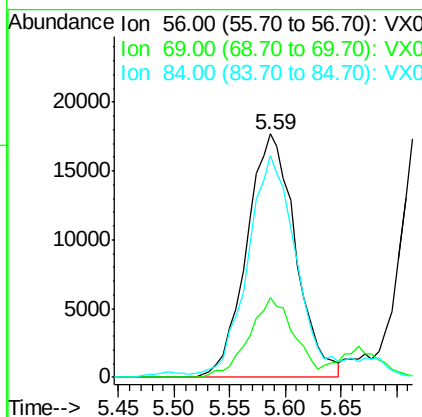
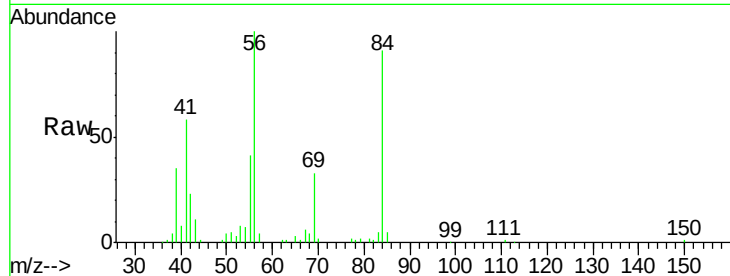
#31
Cyclohexane
Concen: 20.54 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.01 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.5	23.4	35.0
84	89.5	71.0	106.4

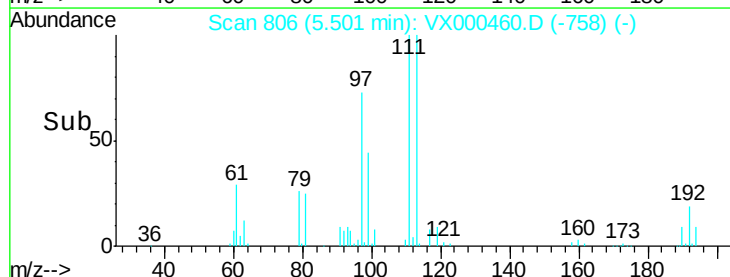
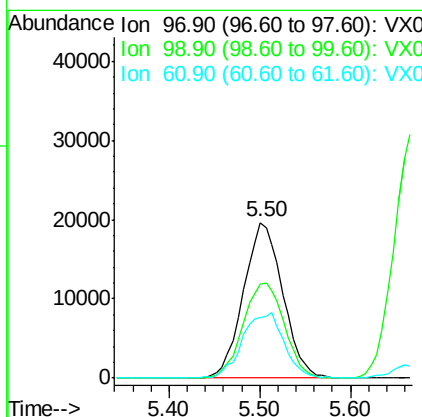
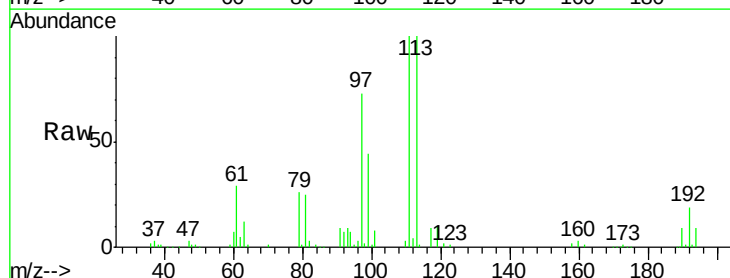
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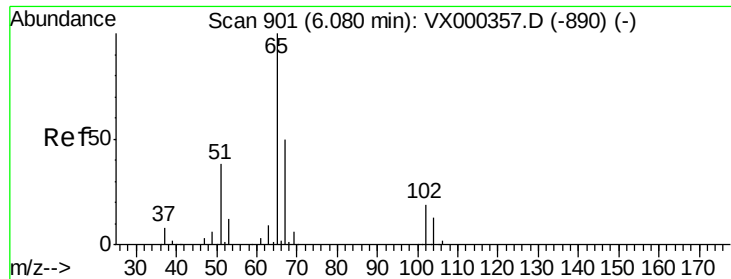
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#32
1,1,1-Trichloroethane
Concen: 20.46 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.1	78.1
61	44.6	36.2	54.4





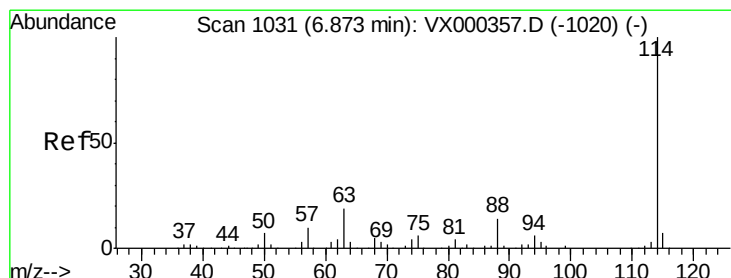
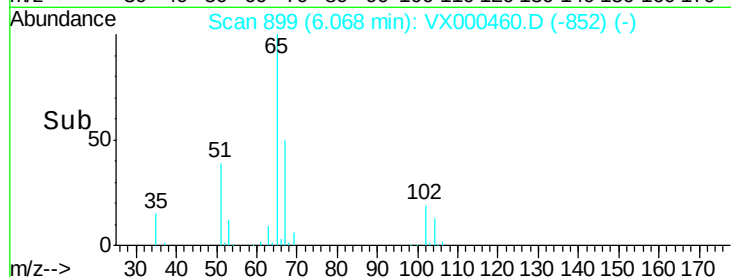
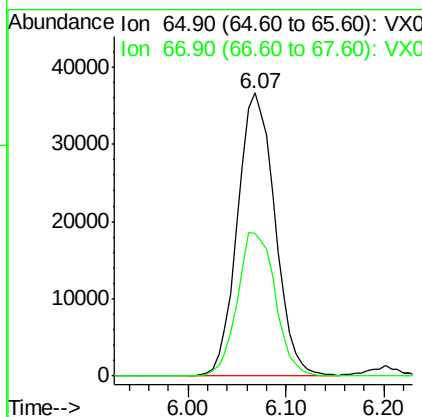
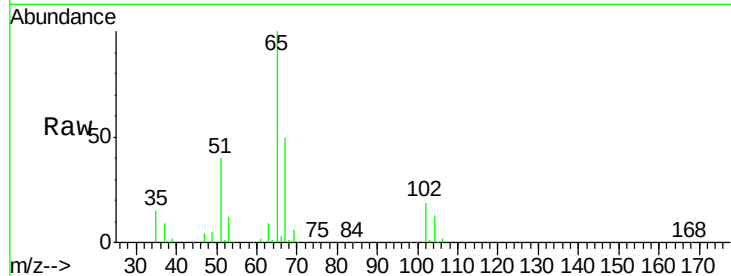
#33
 1,2-Dichloroethane-d4
 Concen: 46.96 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX000460.D
 Acq: 27 Mar 2018 16:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	103.2

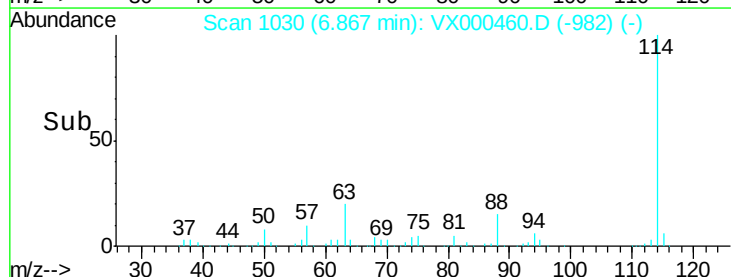
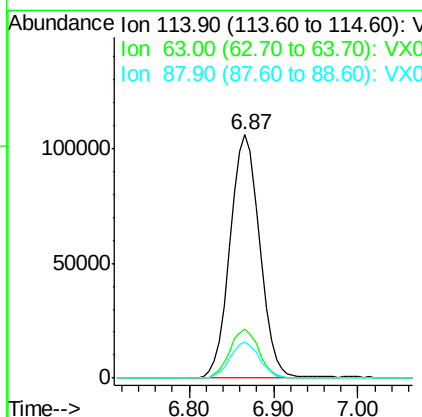
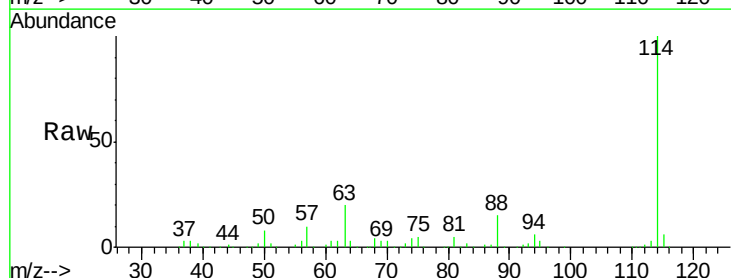
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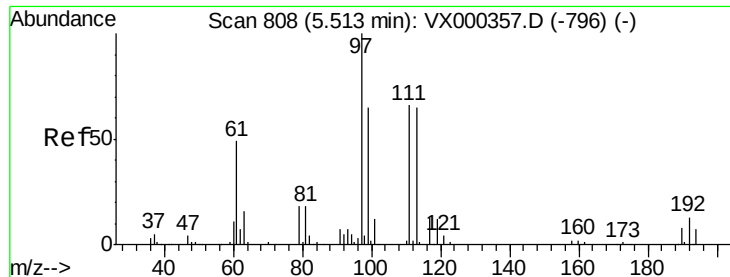
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000460.D
 Acq: 27 Mar 2018 16:06

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	38.4
88	15.0	0.0	27.0





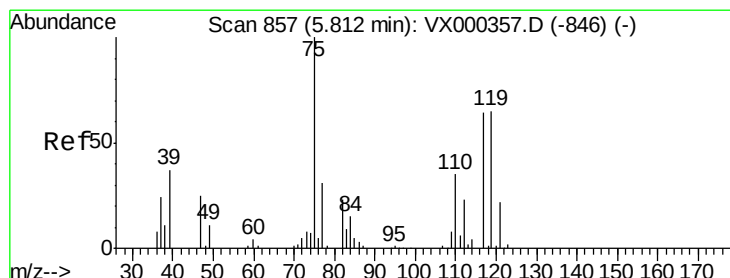
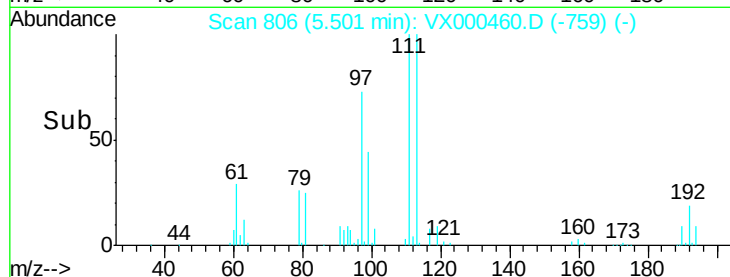
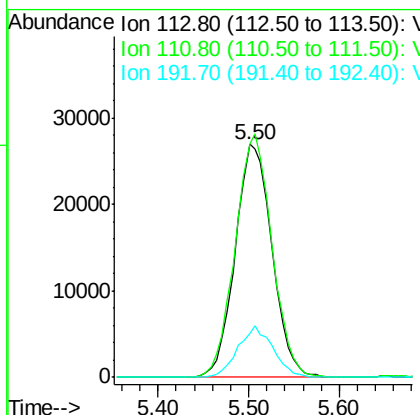
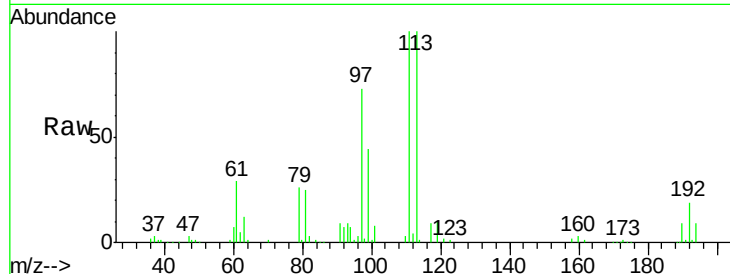
#35
 Dibromofluoromethane
 Concen: 47.39 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX000460.D
 Acq: 27 Mar 2018 16:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.4	123.6
192	21.0	15.8	23.6

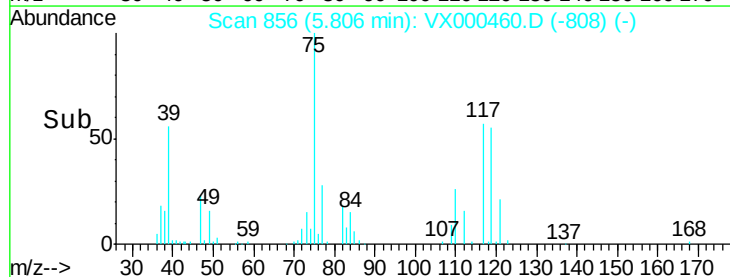
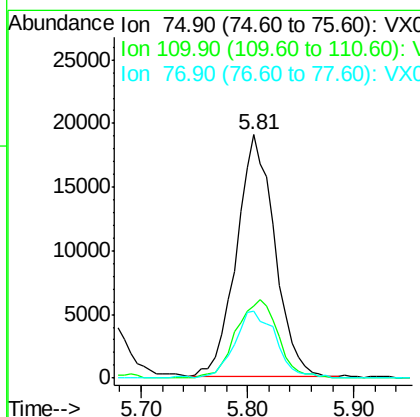
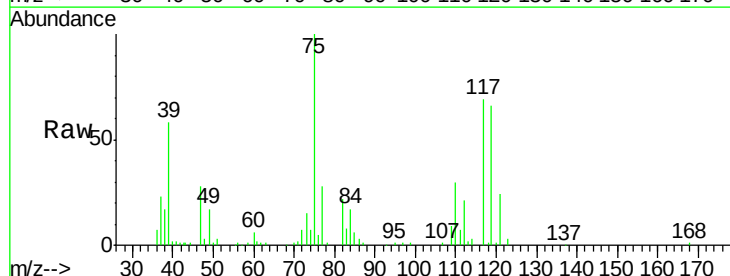
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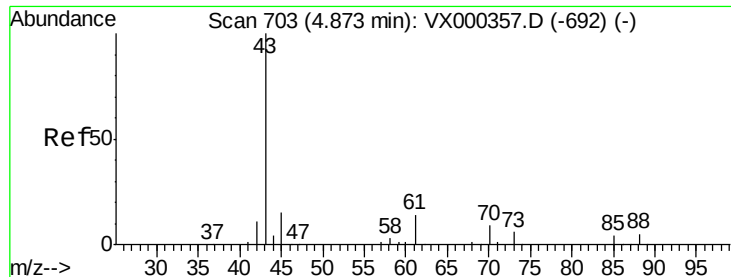
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#36
 1,1-Dichloropropene
 Concen: 20.08 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX000460.D
 Acq: 27 Mar 2018 16:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.8	17.9	53.7
77	30.0	24.0	36.0





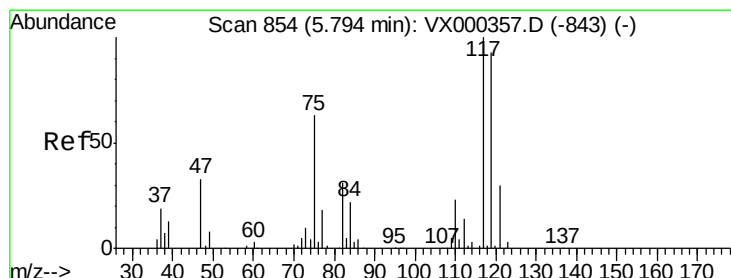
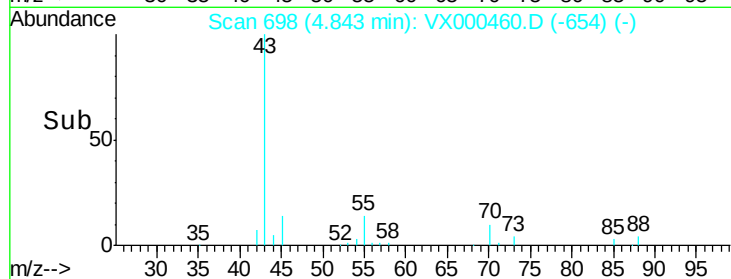
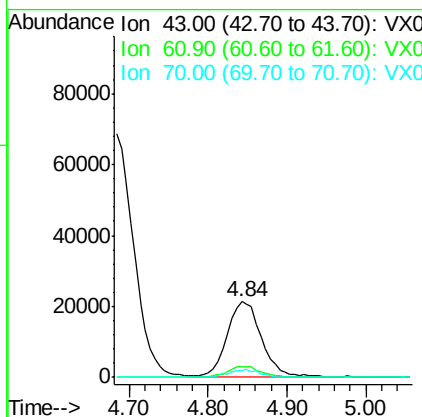
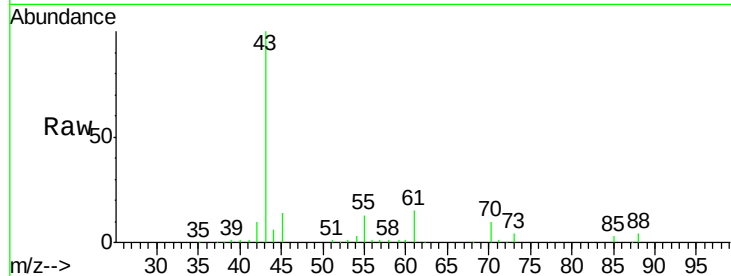
#37
Ethyl Acetate
Concen: 19.80 ug/l
RT: 4.84 min Scan# 698
Delta R.T. -0.03 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.1	16.7
70	10.0	7.7	11.5

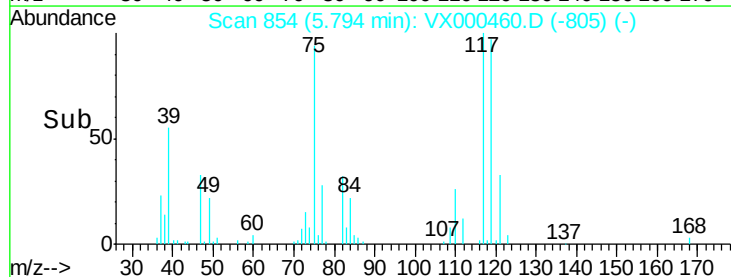
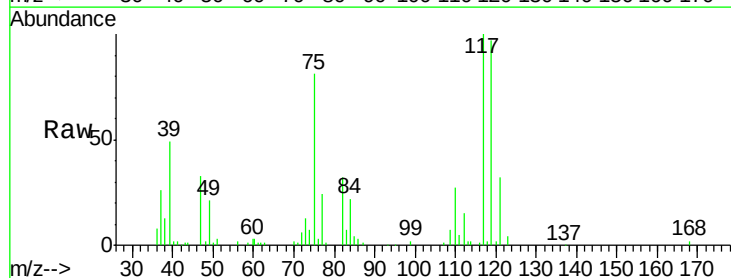
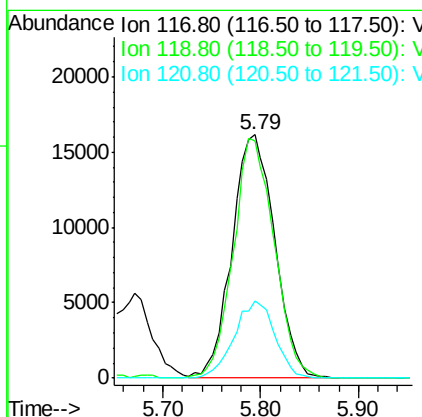
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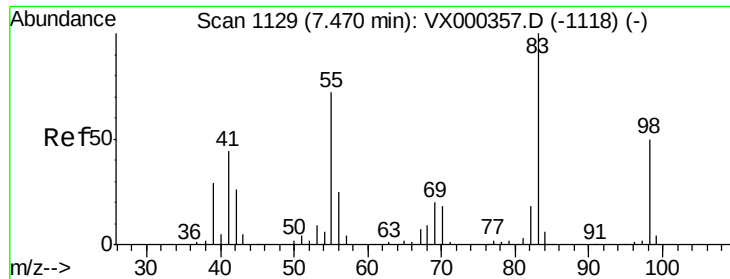
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#38
Carbon Tetrachloride
Concen: 19.62 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.4	116.2
121	31.6	24.8	37.2





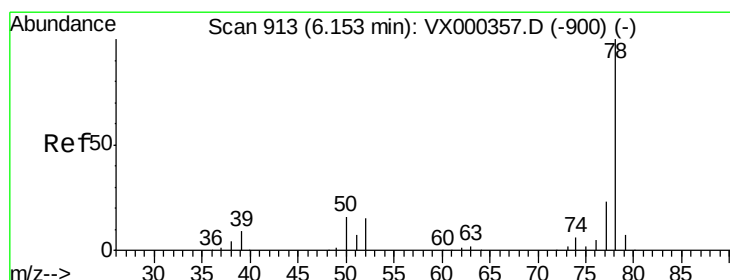
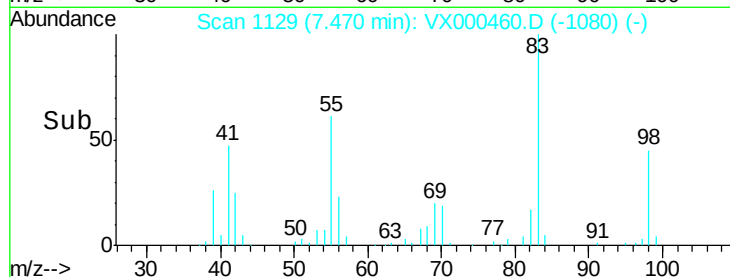
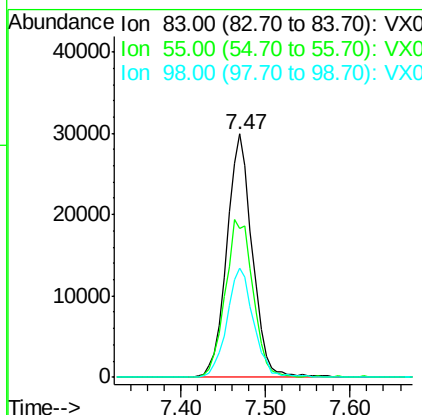
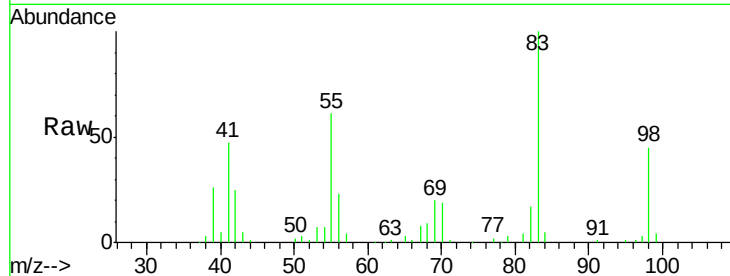
#39
Methylvlcyclohexane
Concen: 21.27 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	61.2	55.5	83.3
98	45.0	38.2	57.4

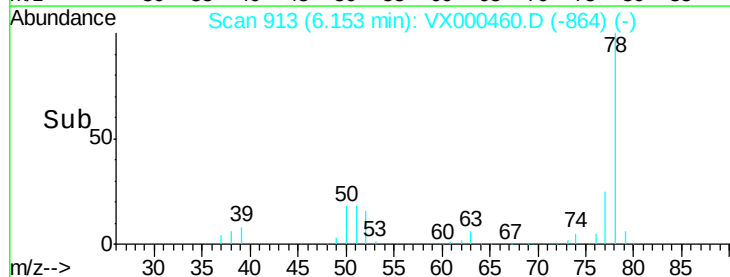
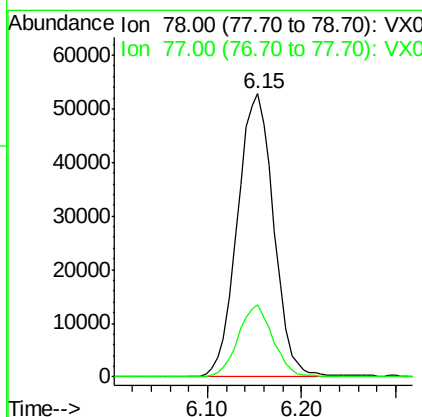
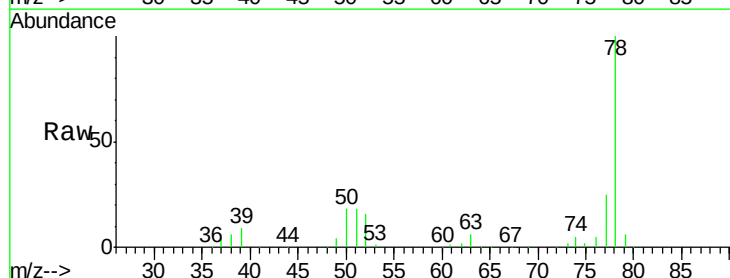
Manual Integrations
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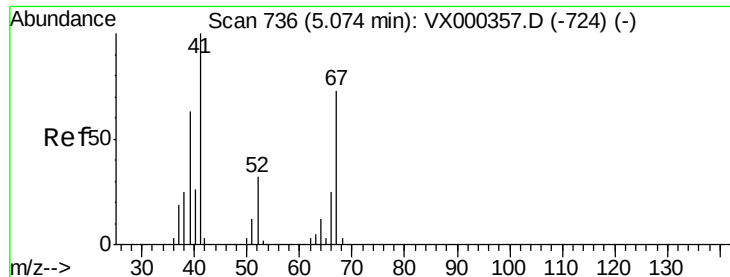
MMMadoda
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#40
Benzene
Concen: 20.55 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.4	18.7	28.1





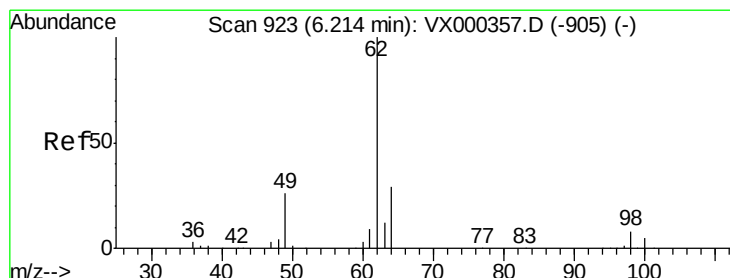
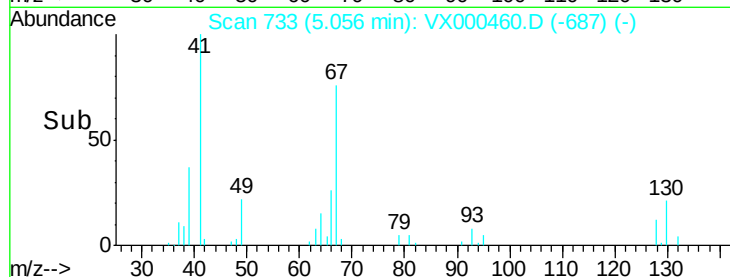
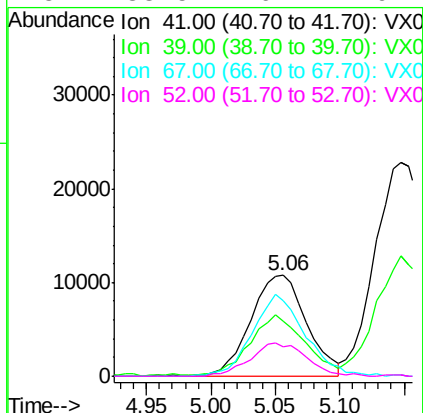
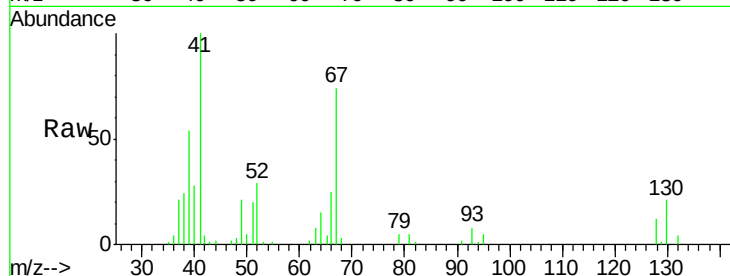
#41
Methacrylonitrile
Concen: 18.94 ug/l
RT: 5.06 min Scan# 733
Delta R.T. -0.02 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.6	45.7	68.5	
67	76.6	57.8	86.8	
52	33.5	26.7	40.1	

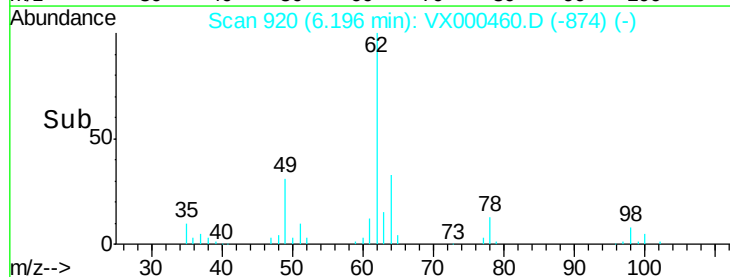
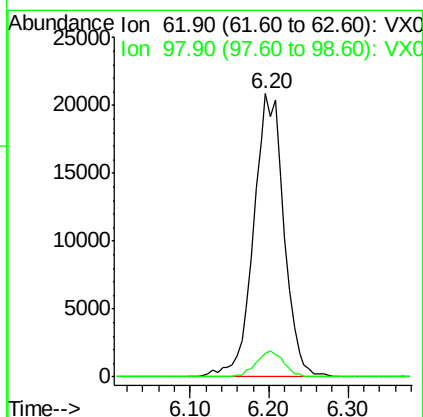
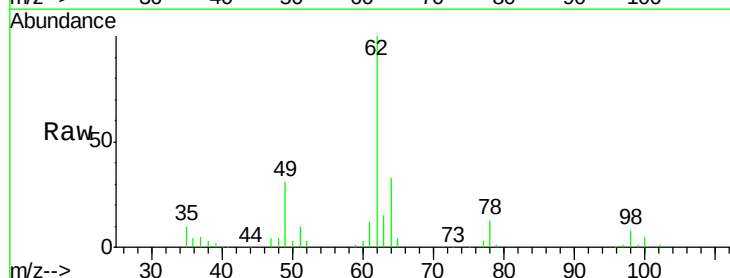
Manual Integrations
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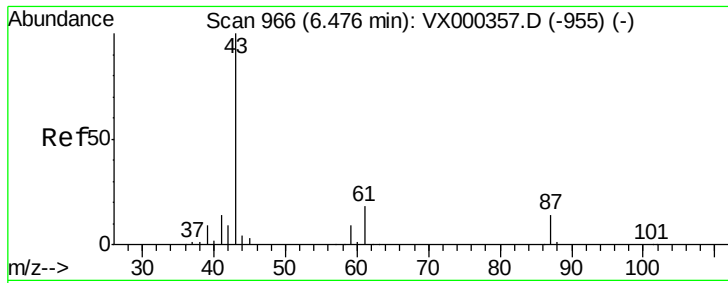
MMDadoda
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#42
1,2-Dichloroethane
Concen: 20.54 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.02 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.3	0.0	15.8	





#43

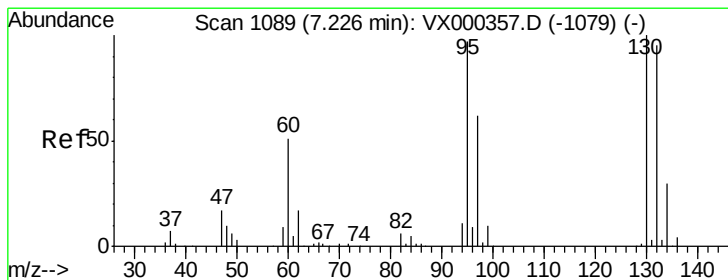
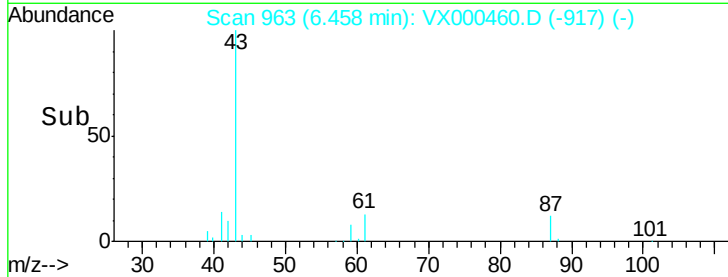
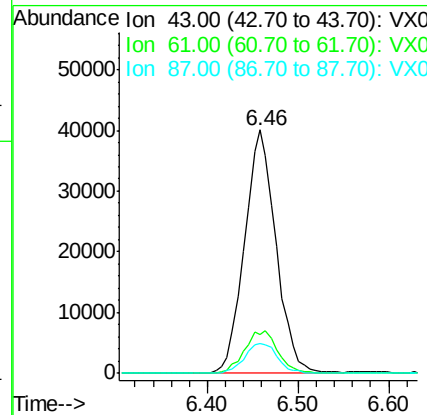
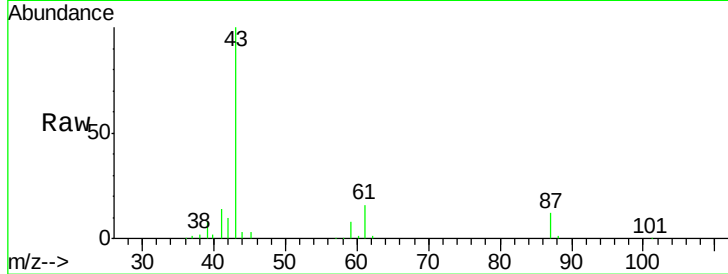
Isopropyl Acetate
 Concen: 19.93 ug/l
 RT: 6.46 min Scan# 963
 Delta R.T. -0.02 min
 Lab File: VX000460.D
 Acq: 27 Mar 2018 16:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.6	14.4	21.6
87	12.9	11.0	16.4

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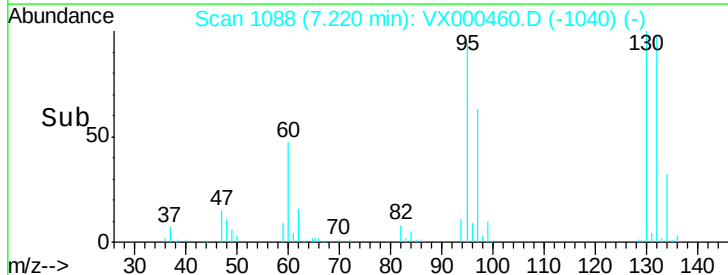
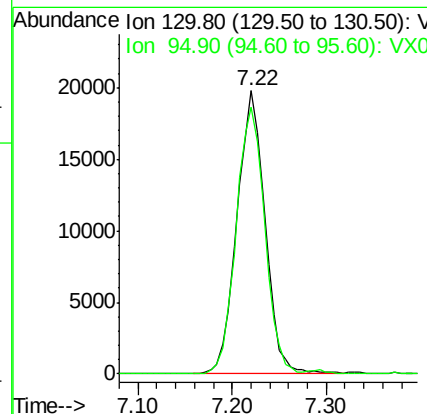
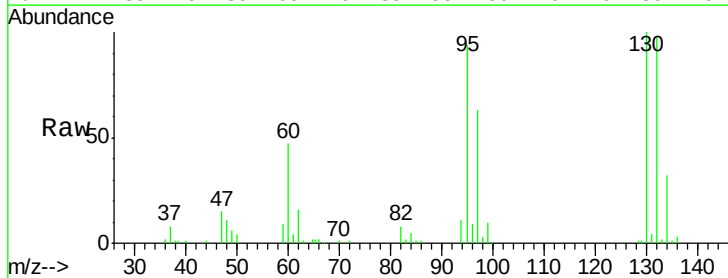
MMDadoda
 3/28/2018 11:41:56 AM

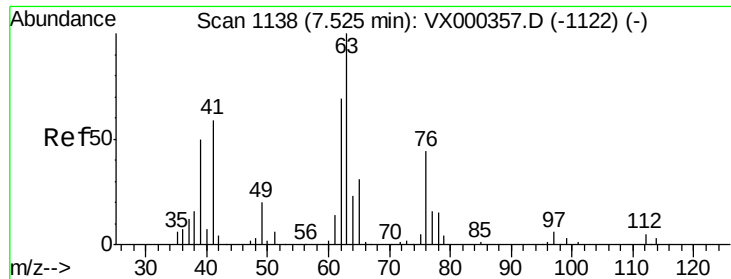


#44

Trichloroethene
 Concen: 20.77 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VX000460.D
 Acq: 27 Mar 2018 16:06

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.2	0.0	186.0





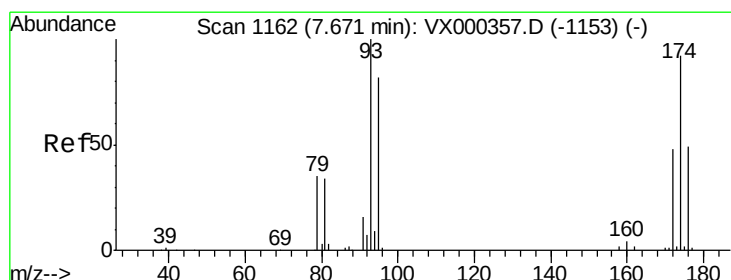
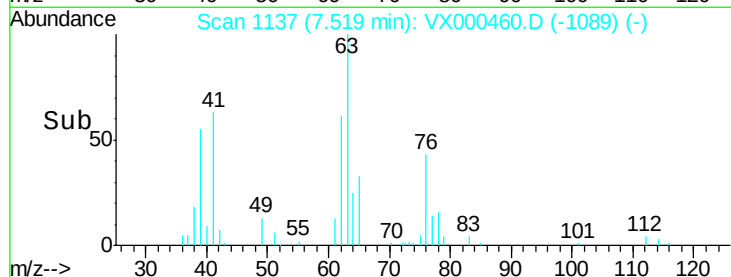
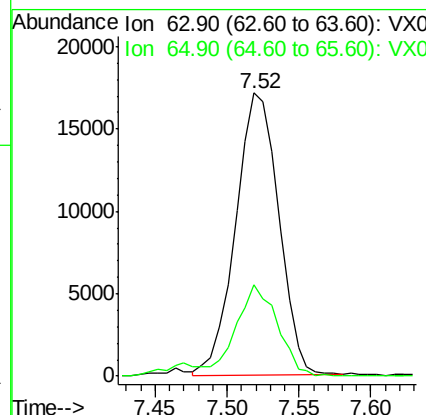
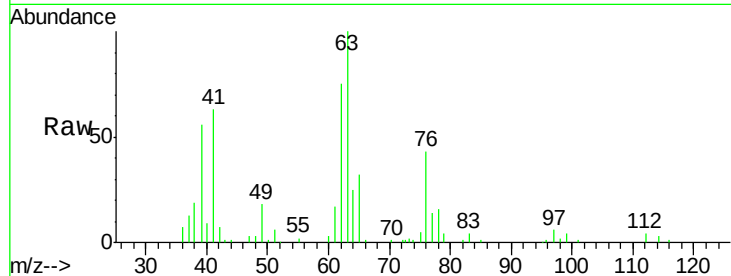
#45
 1,2-Dichloropropane
 Concen: 20.15 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX000460.D
 Acq: 27 Mar 2018 16:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.6	24.6	36.8

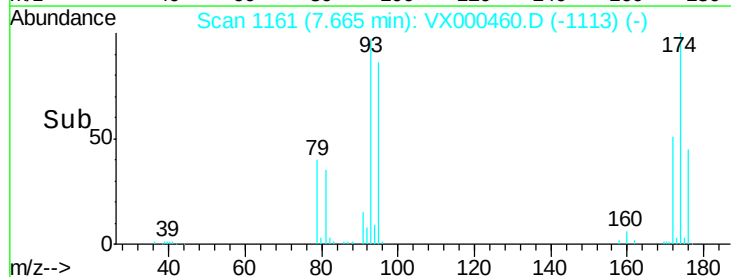
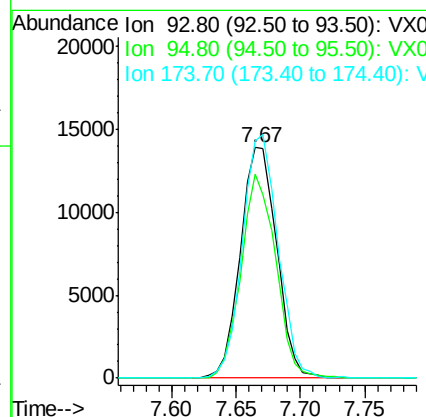
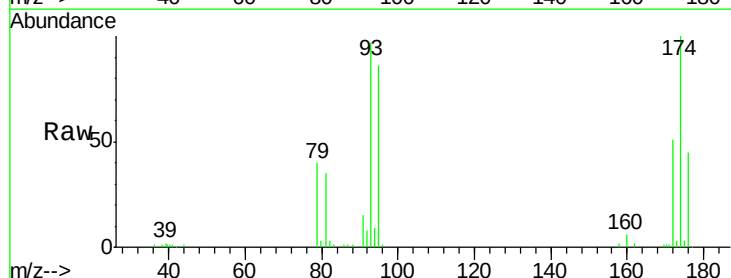
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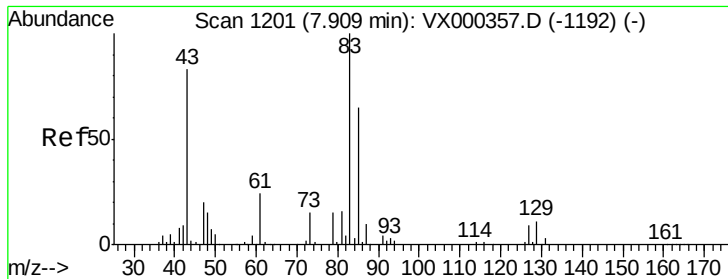
MMDadoda
 3/28/2018 11:41:56 AM



#46
 Dibromomethane
 Concen: 19.63 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX000460.D
 Acq: 27 Mar 2018 16:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.1	66.5	99.7
174	103.3	76.0	114.0





#47

Bromodichloromethane

Concen: 20.83 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

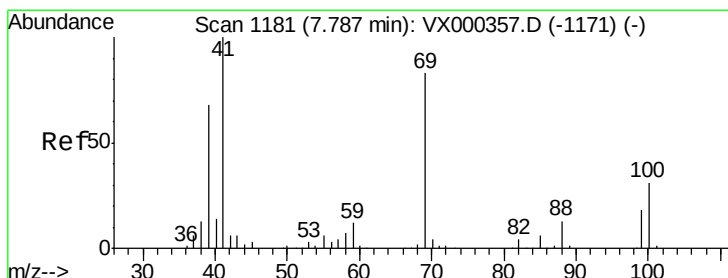
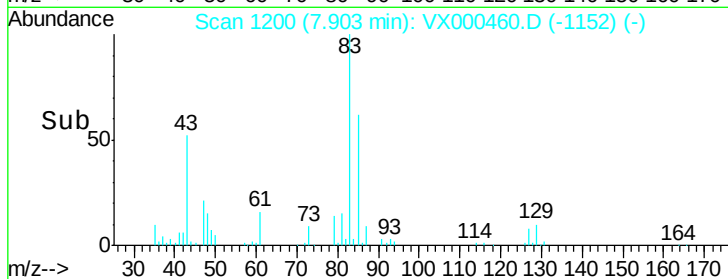
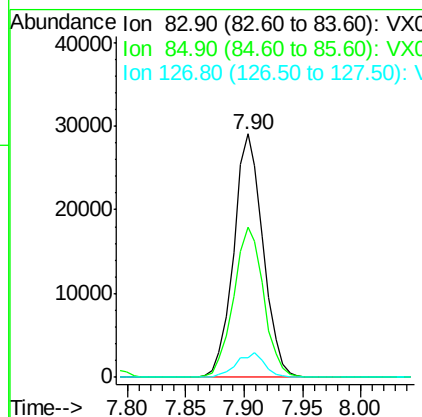
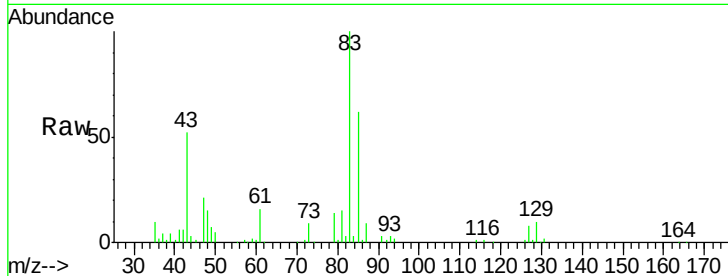
ClientSampleId :

VX0327WBSD01

Tot Ion:	83	Resp:	50898
Ion	Ratio	Lower	Upper
83	100		
85	61.9	51.4	77.0
127	8.2	7.0	10.6

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#48

Methyl methacrylate

Concen: 19.99 ug/l

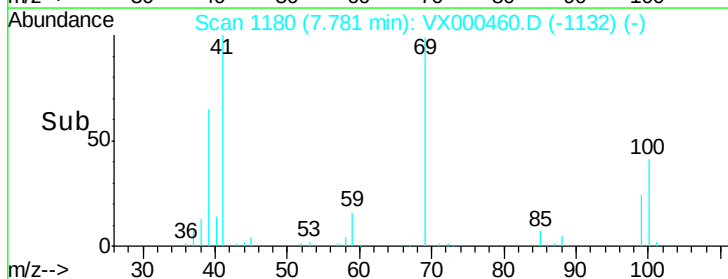
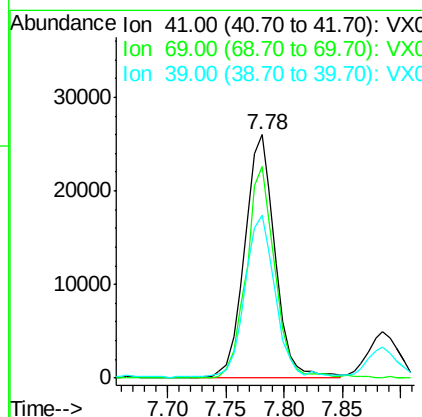
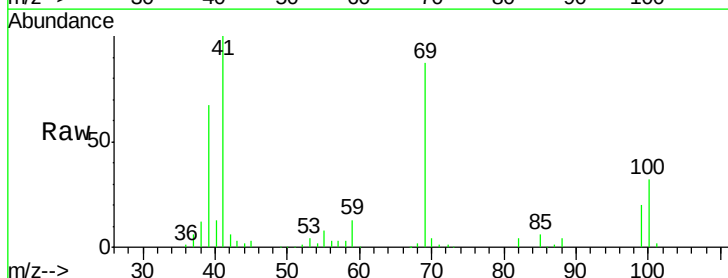
RT: 7.78 min Scan# 1180

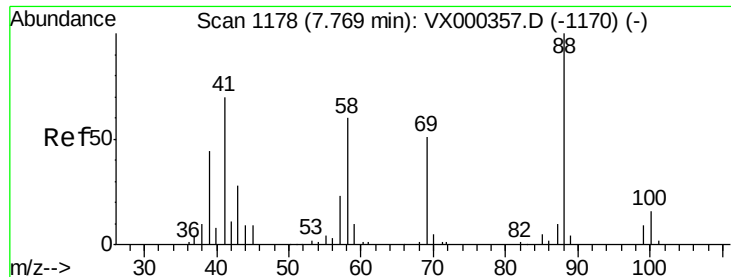
Delta R.T. -0.01 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Tgt Ion:	41	Resp:	46972
Ion	Ratio	Lower	Upper
41	100		
69	82.1	68.2	102.4
39	66.2	54.6	81.8





#49

1,4-Dioxane

Concen: 383.65 ug/l

RT: 7.75 min Scan# 1175

Delta R.T. -0.02 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

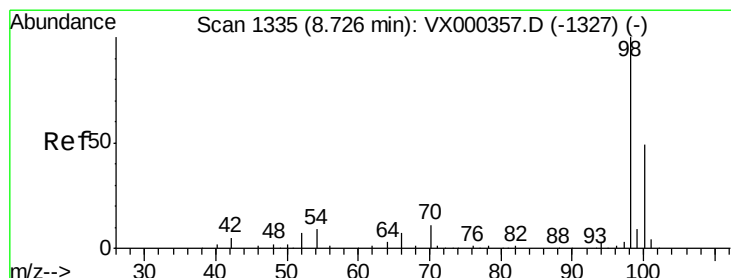
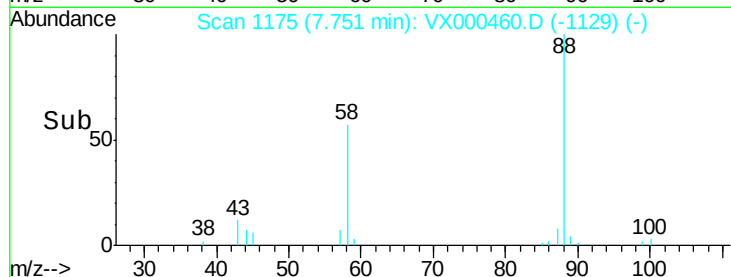
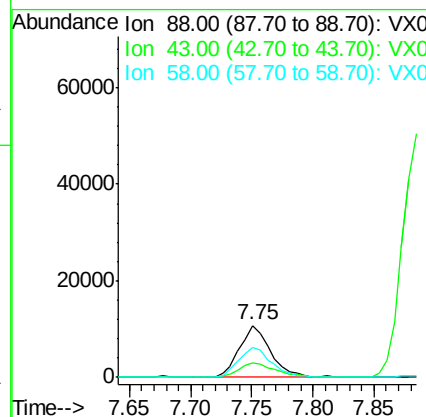
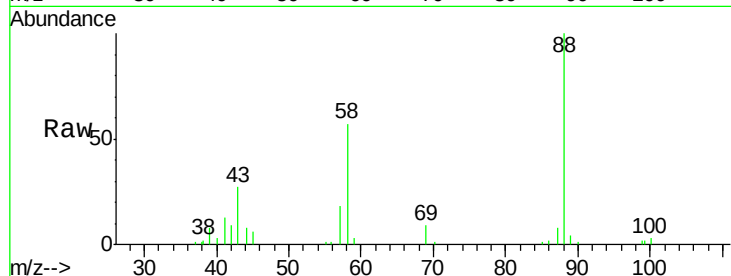
ClientSampleId :

VX0327WBSD01

Tot Ion:	88	Resp:	18949
Ion	Ratio	Lower	Upper
88	100		
43	32.6	26.8	40.2
58	61.5	52.2	78.2

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#50

Toluene-d8

Concen: 44.54 ug/l

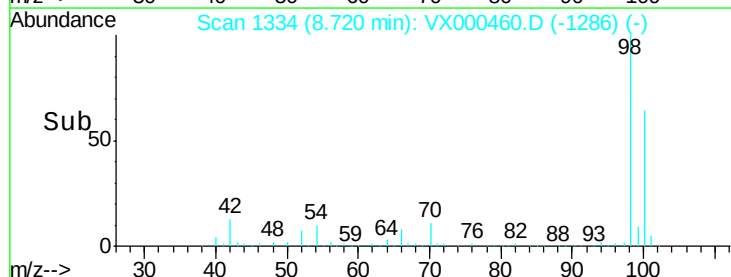
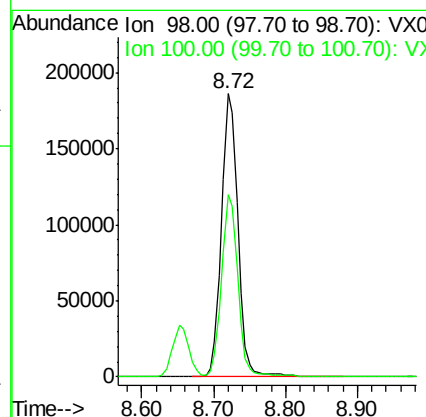
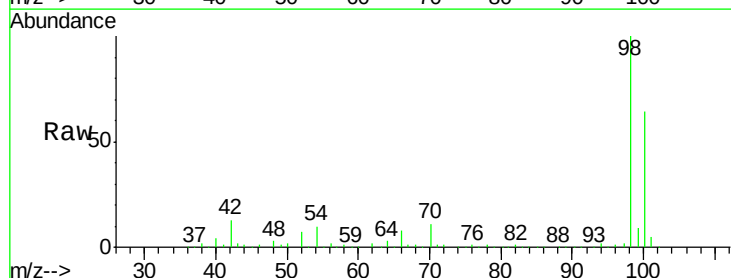
RT: 8.72 min Scan# 1334

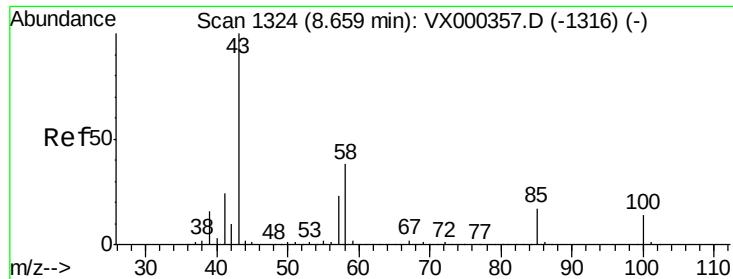
Delta R.T. -0.01 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Tgt Ion:	98	Resp:	295347
Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 97.89 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

ClientSampled :

VX0327WBSD01

Tot Ion: 43 Resp: 366736

Ion Ratio Lower Upper

43 100

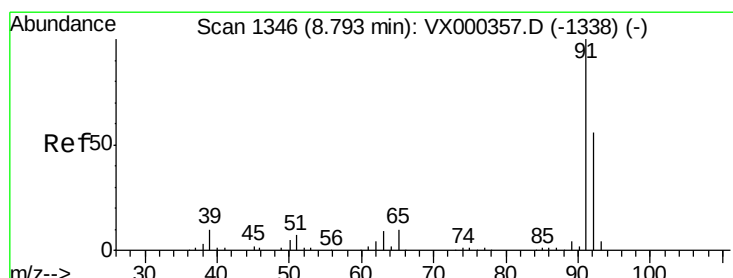
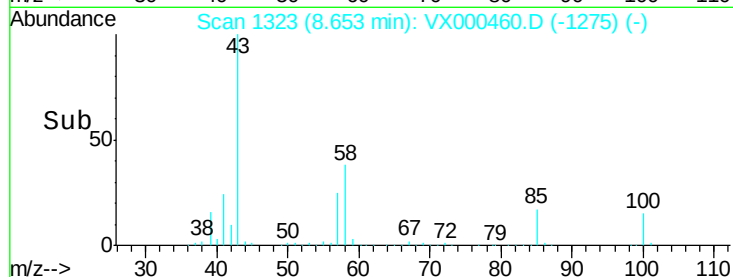
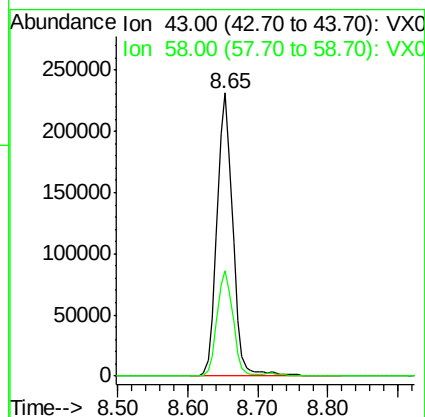
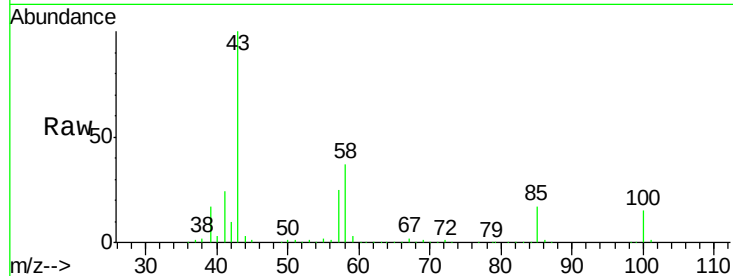
58 37.1 30.3 45.5

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#52

Toluene

Concen: 19.40 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000460.D

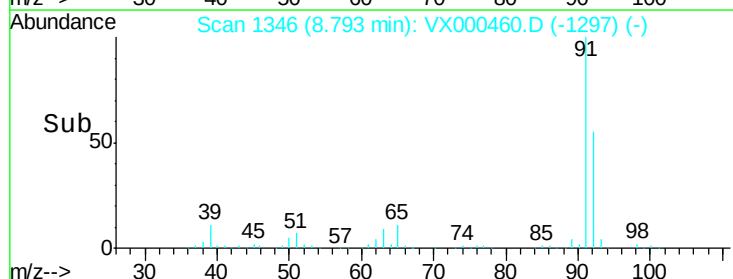
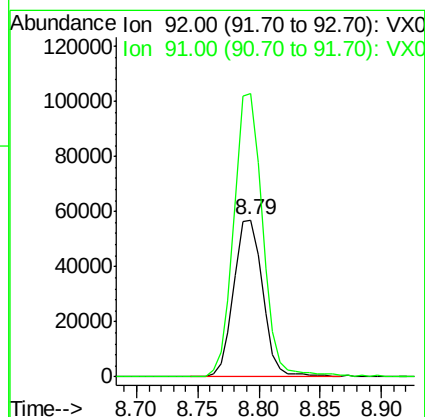
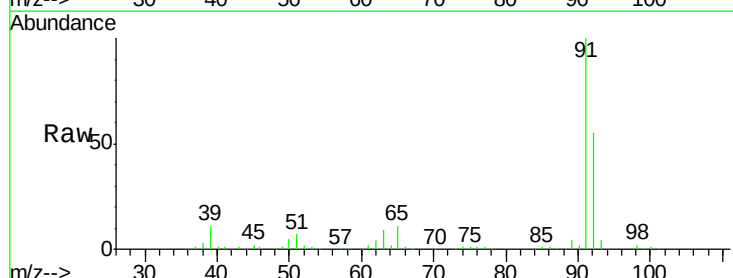
Acq: 27 Mar 2018 16:06

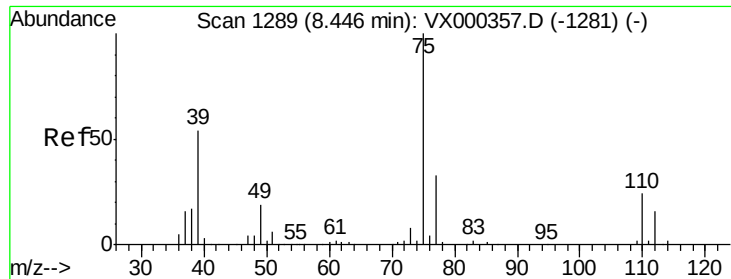
Tgt Ion: 92 Resp: 93740

Ion Ratio Lower Upper

92 100

91 179.2 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 20.47 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

Tot Ion: 75 Resp: 57975

Ion Ratio Lower Upper

75 100

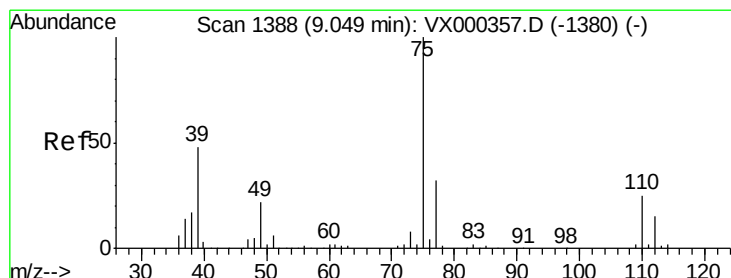
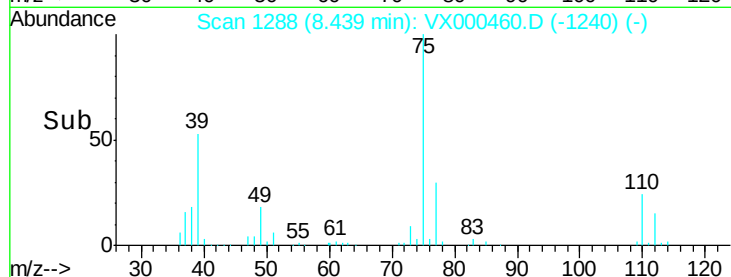
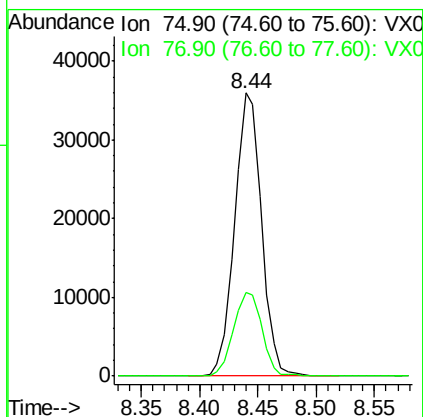
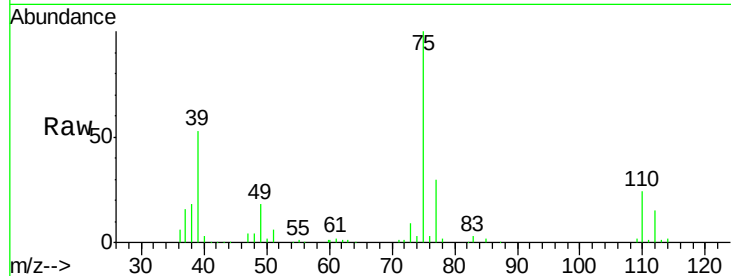
77 29.8 24.0 36.0

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#54

cis-1,3-Dichloropropene

Concen: 20.47 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

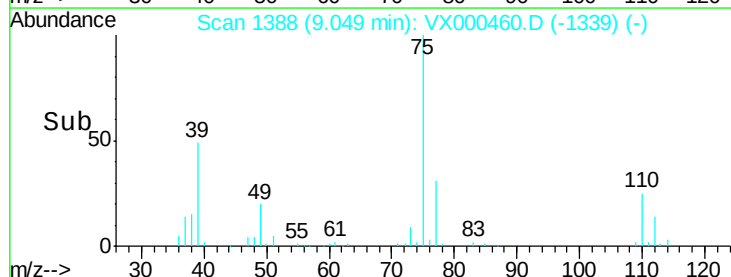
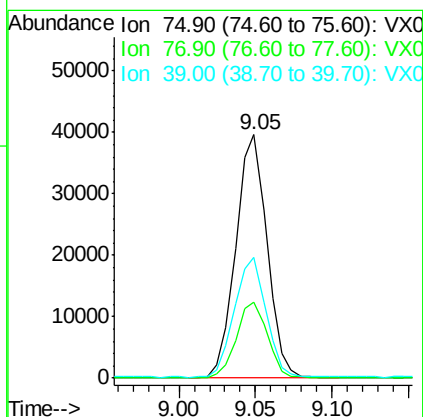
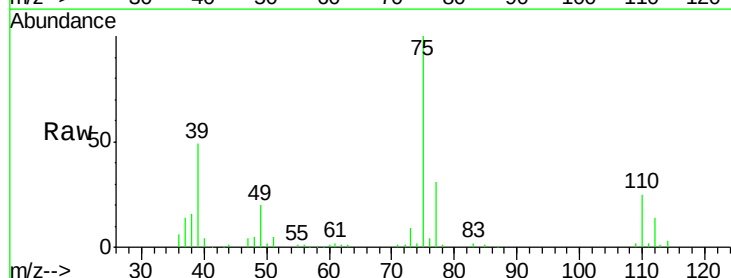
Tgt Ion: 75 Resp: 56234

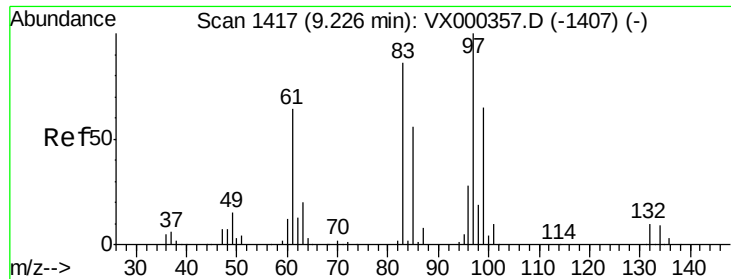
Ion Ratio Lower Upper

75 100

77 31.2 26.1 39.1

39 49.0 39.8 59.6





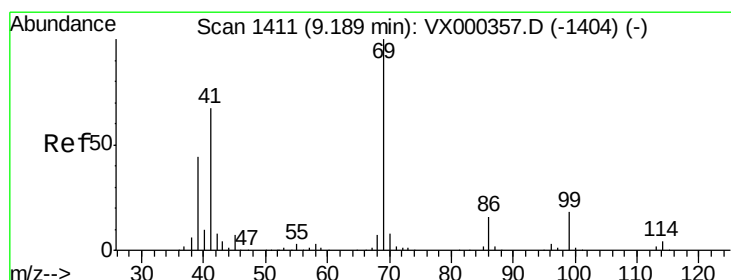
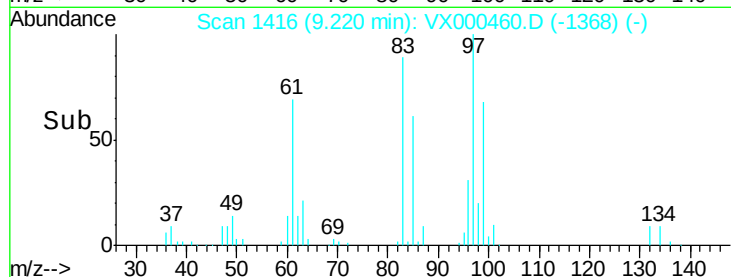
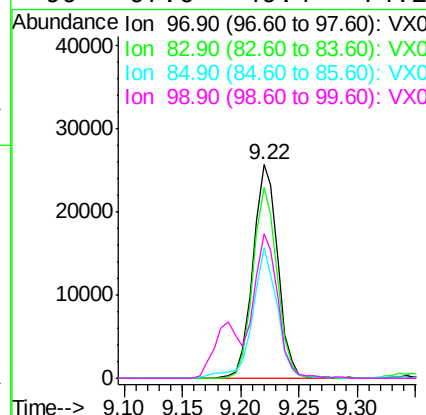
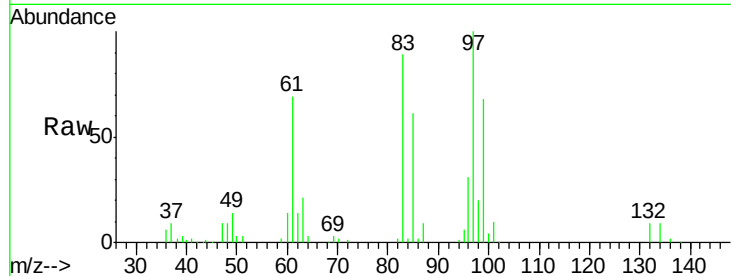
#55
 1,1,2-Trichloroethane
 Concen: 19.35 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: VX000460.D
 Acq: 27 Mar 2018 16:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		38462		
83	89.4	67.9	101.9		
85	60.9	42.8	64.2		
99	67.6	49.4	74.2		

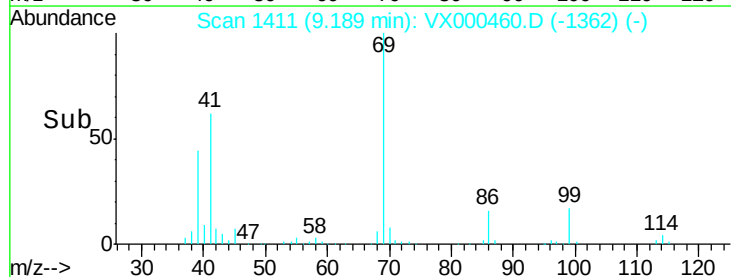
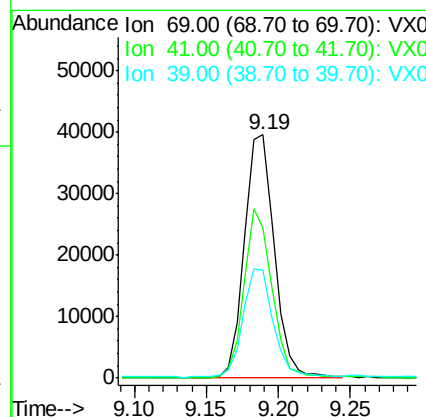
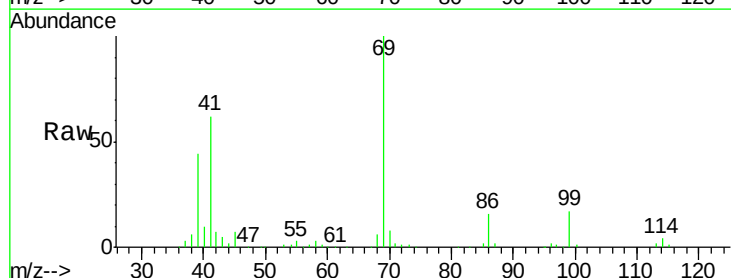
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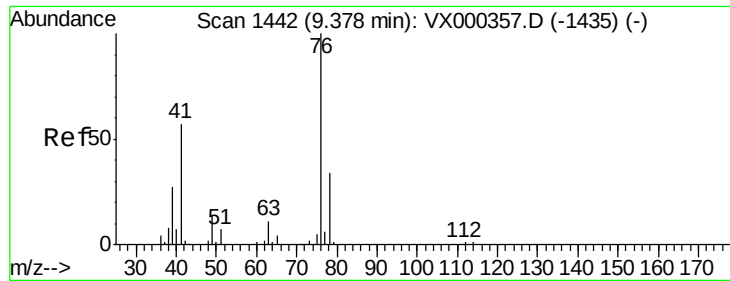
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#56
 Ethyl methacrylate
 Concen: 18.97 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000460.D
 Acq: 27 Mar 2018 16:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		57124		
41	65.1	53.0	79.6		
39	44.4	35.3	52.9		





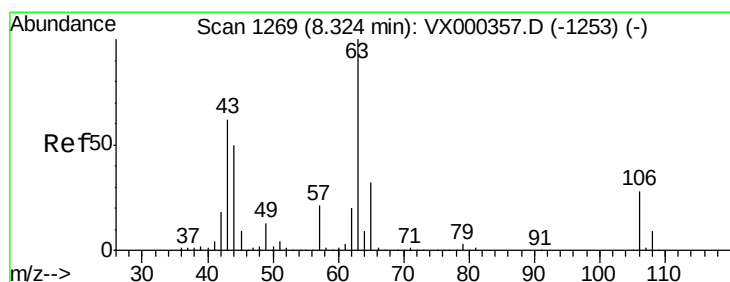
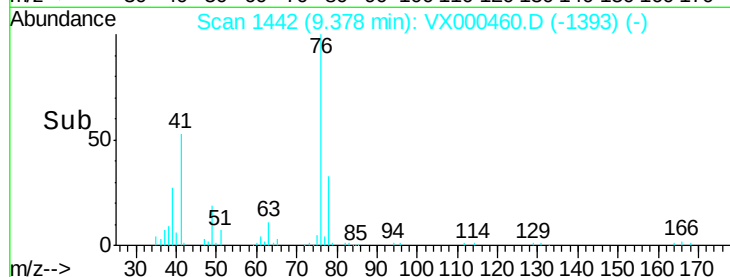
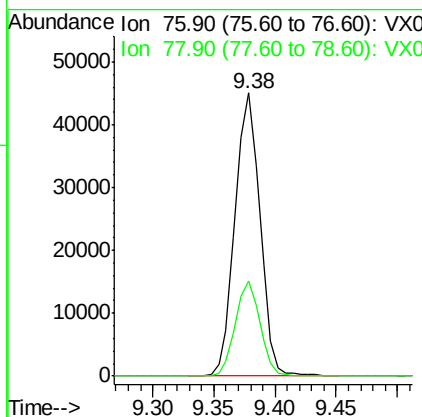
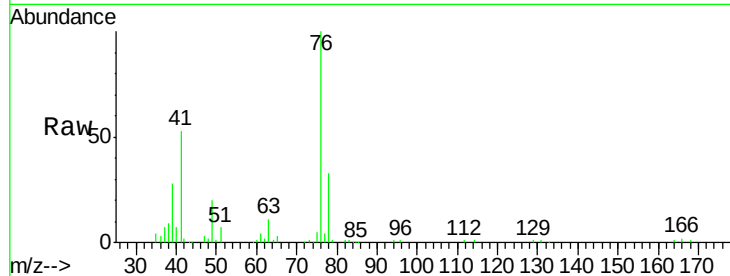
#57
 1,3-Dichloropropane
 Concen: 20.09 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000460.D
 Acq: 27 Mar 2018 16:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

Tot Ion: 76 Resp: 63848
 Ion Ratio Lower Upper
 76 100
 78 33.0 26.4 39.6

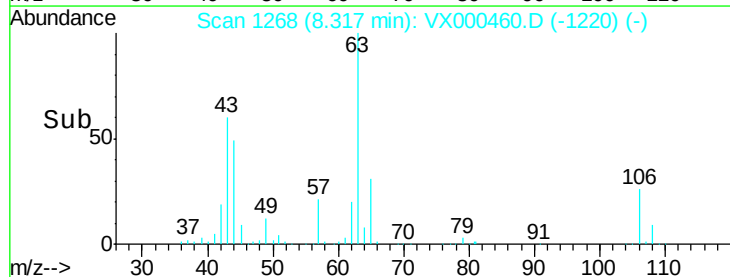
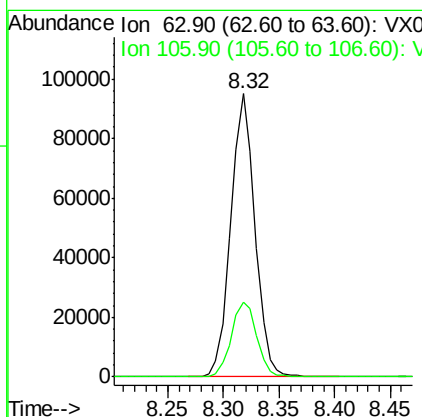
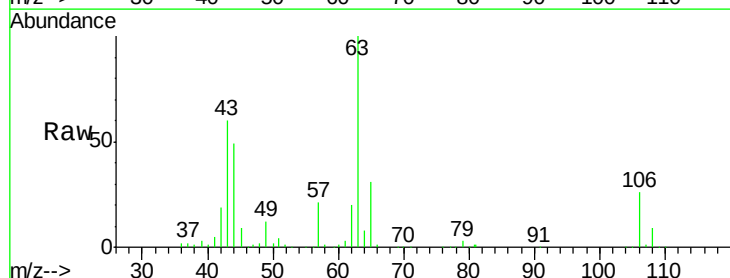
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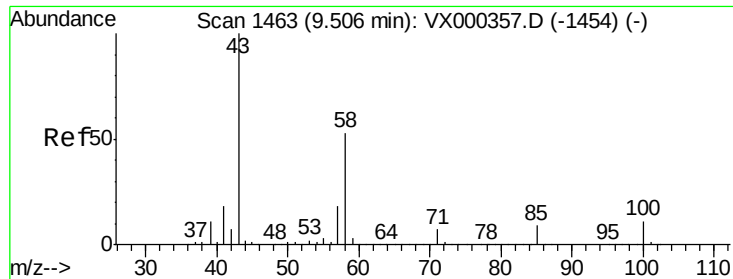
MM Dadoda
 3/28/2018 11:41:56 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.74 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX000460.D
 Acq: 27 Mar 2018 16:06

Tgt Ion: 63 Resp: 142706
 Ion Ratio Lower Upper
 63 100
 106 27.9 23.2 34.8





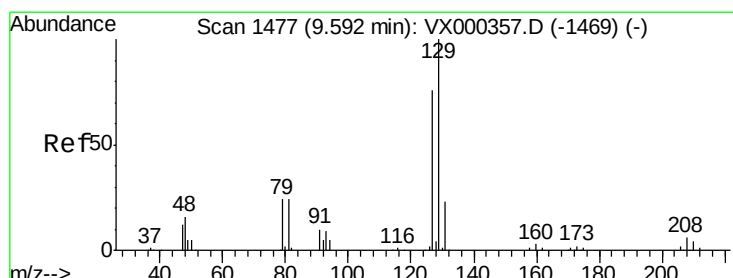
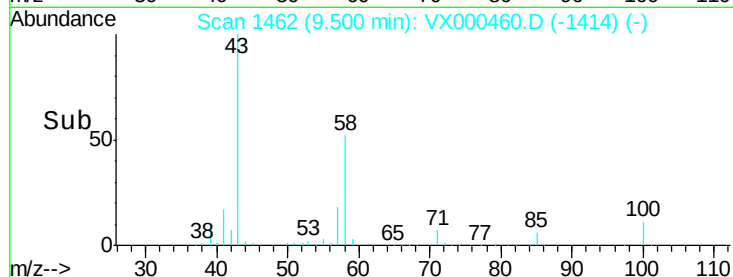
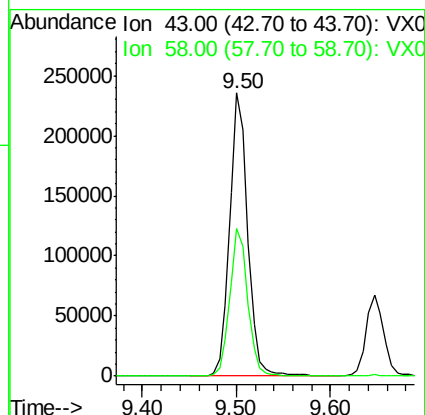
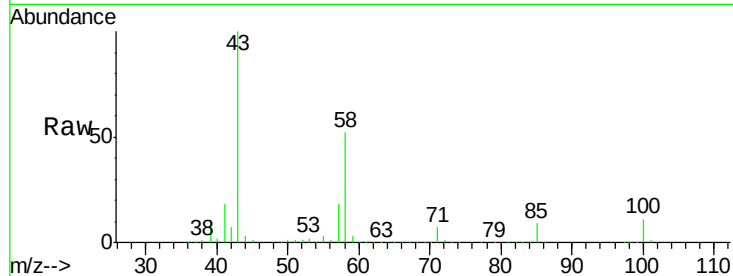
#59
2-Hexanone
Concen: 98.36 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tot Ion: 43 Resp: 312894
Ion Ratio Lower Upper
43 100
58 52.2 26.6 79.7

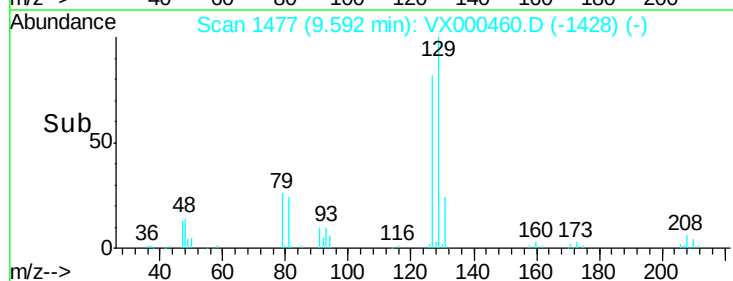
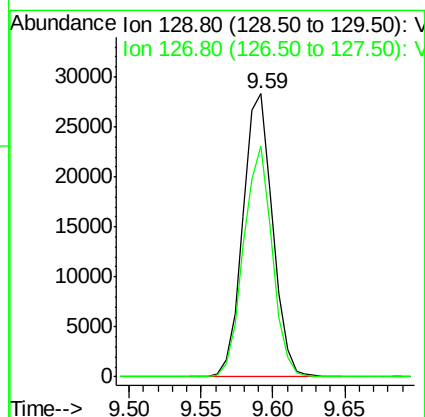
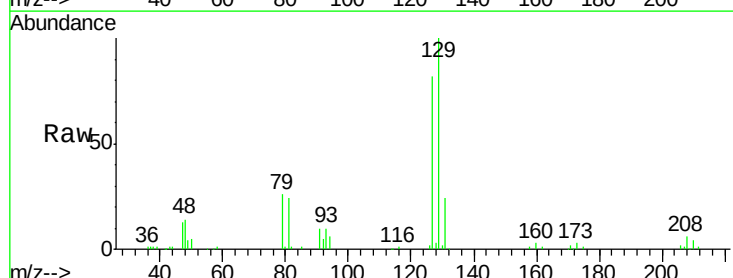
Manual Integrations
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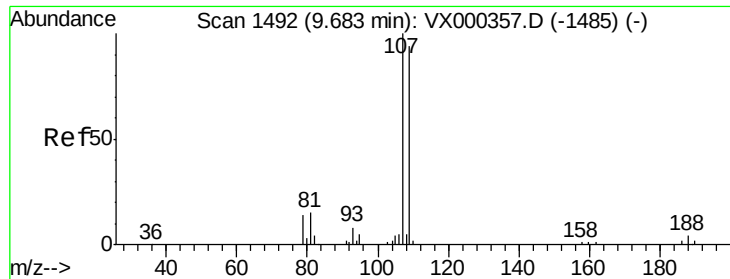
MM Dadoda
3/28/2018 11:41:56 AM



#60
Dibromochloromethane
Concen: 19.88 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

Tgt Ion: 129 Resp: 40389
Ion Ratio Lower Upper
129 100
127 78.3 37.9 113.6





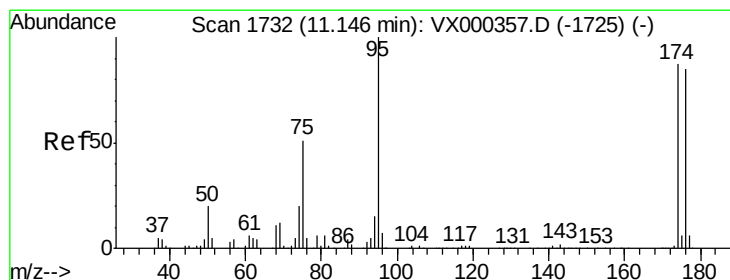
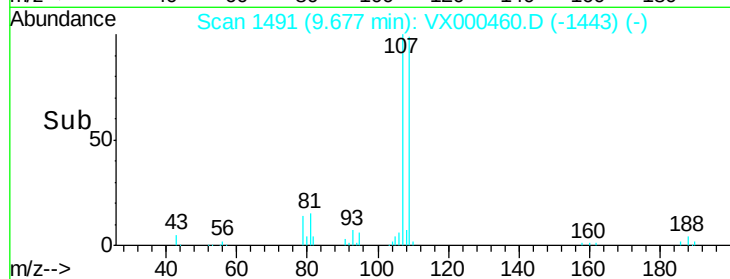
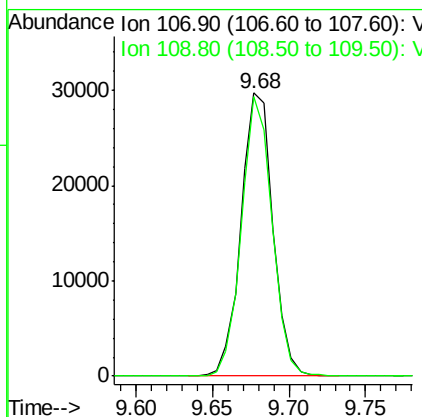
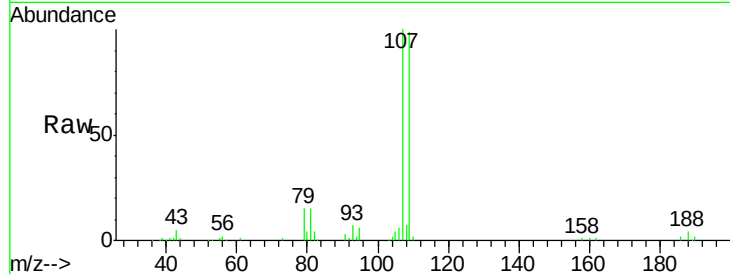
#61
 1,2-Dibromoethane
 Concen: 20.08 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: VX000460.D
 Acq: 27 Mar 2018 16:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

Tot Ion:107 Resp: 42796
 Ion Ratio Lower Upper
 107 100
 109 94.9 76.1 114.1

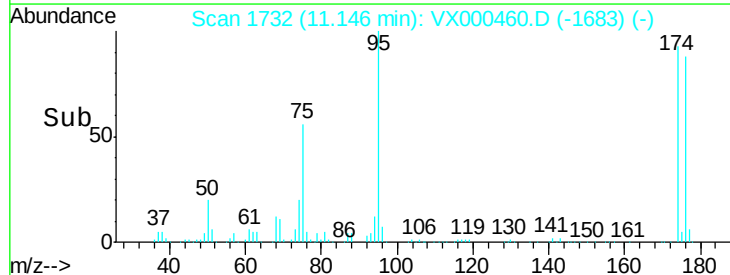
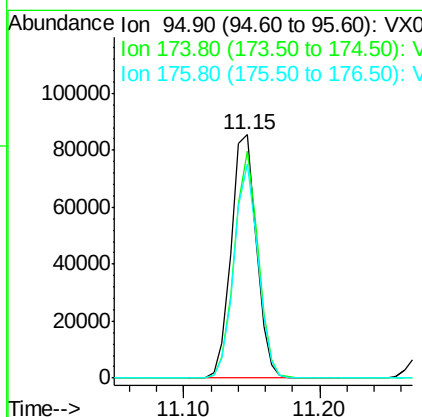
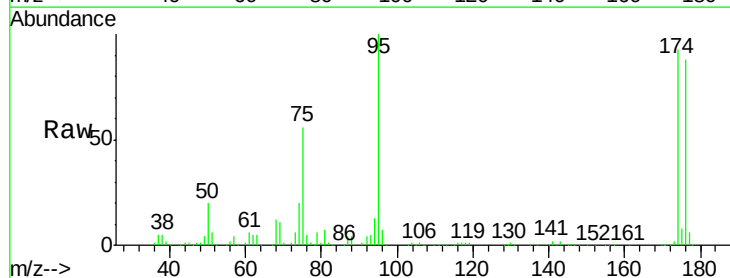
Manual Integrations
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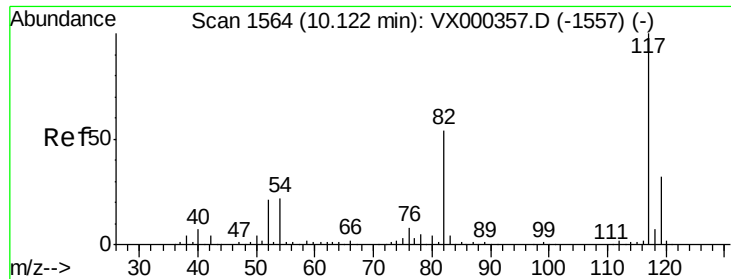
MMDadoda
 3/28/2018 11:41:56 AM



#62
 4-Bromofluorobenzene
 Concen: 40.74 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.00 min
 Lab File: VX000460.D
 Acq: 27 Mar 2018 16:06

Tgt Ion: 95 Resp: 110488
 Ion Ratio Lower Upper
 95 100
 174 88.1 0.0 173.6
 176 83.6 0.0 164.6





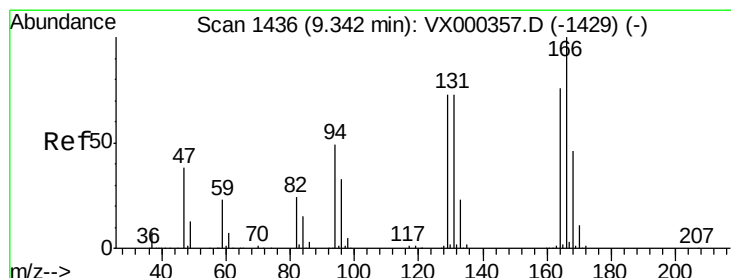
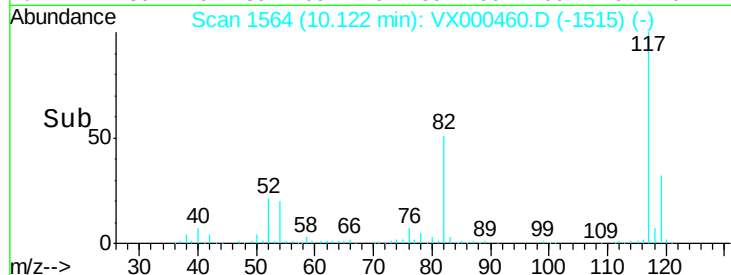
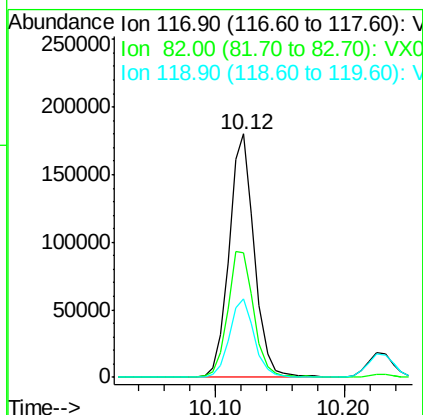
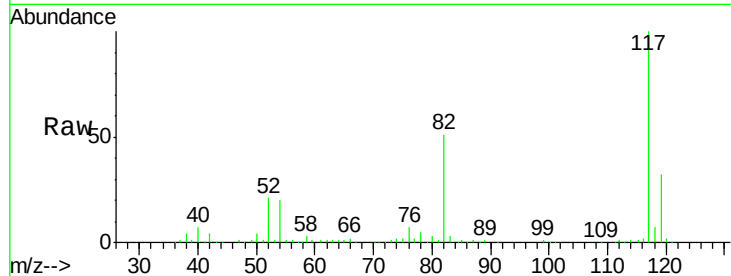
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.1	43.8	65.8
119	32.1	24.9	37.3

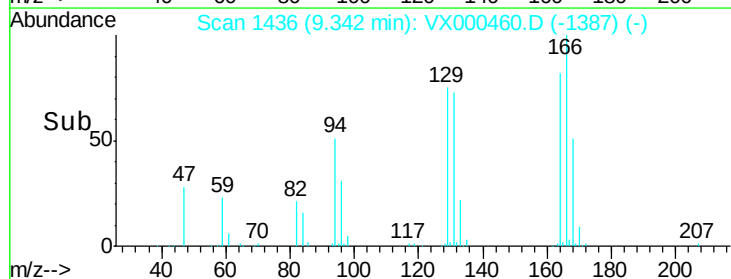
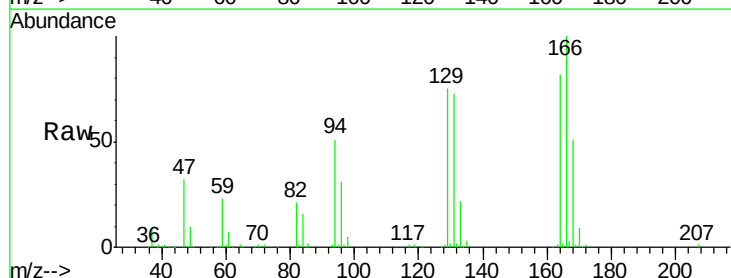
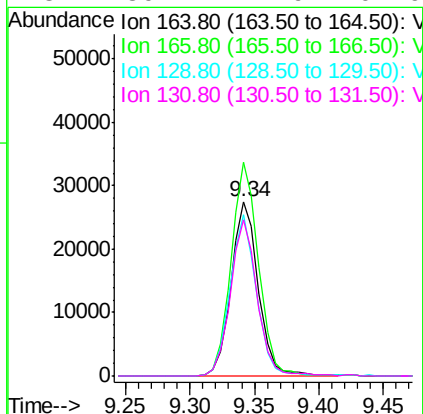
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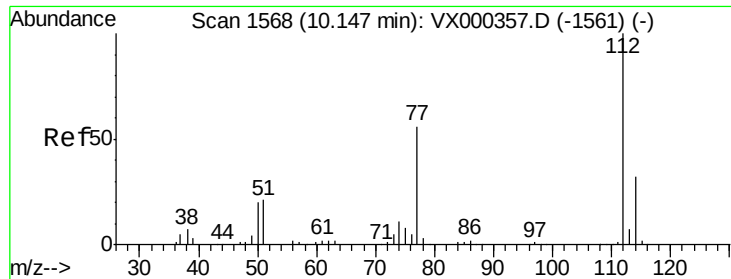
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3/28/2018 11:41:56 AM



#64
Tetrachloroethene
Concen: 21.15 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.3	101.0	151.6
129	92.0	79.0	118.4
131	89.7	71.9	107.9





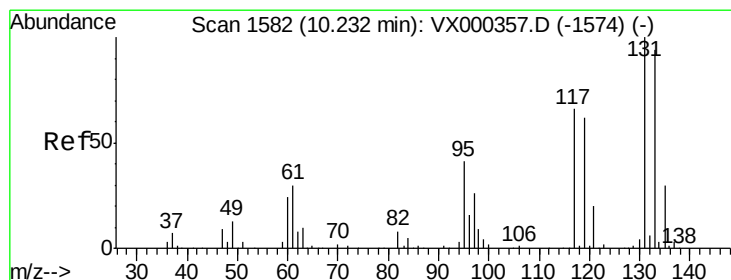
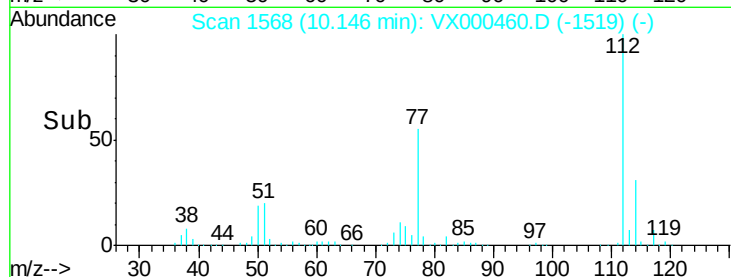
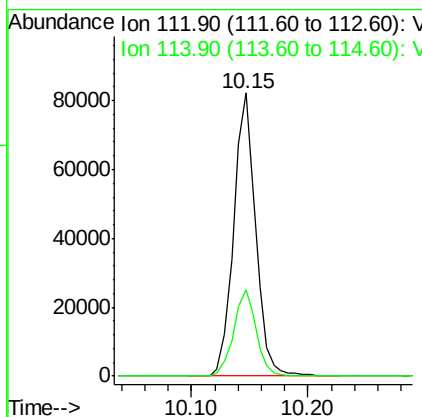
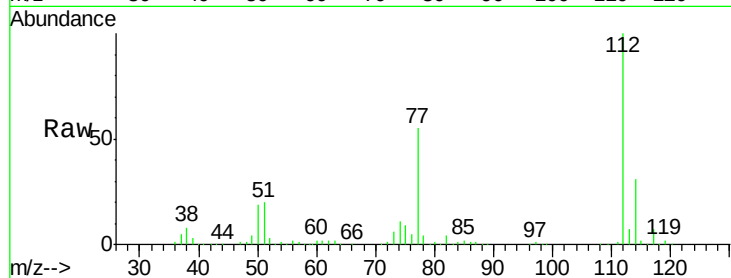
#65
Chlorobenzene
Concen: 19.79 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tot Ion:112 Resp: 108359
Ion Ratio Lower Upper
112 100
114 30.7 25.7 38.5

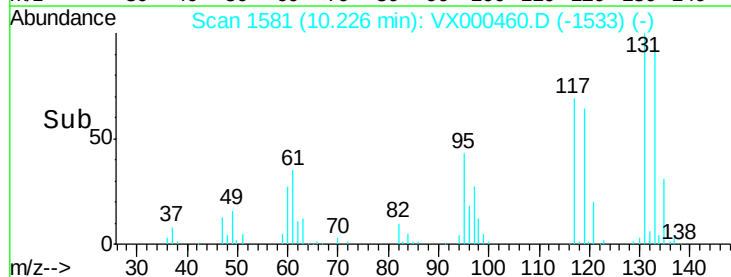
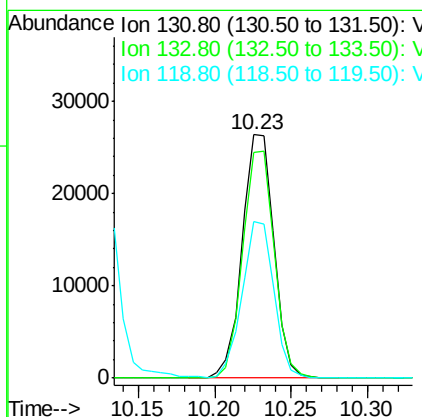
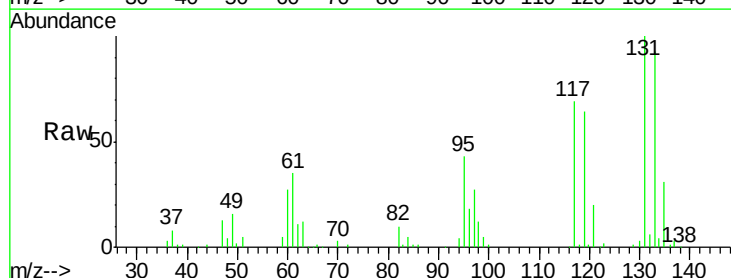
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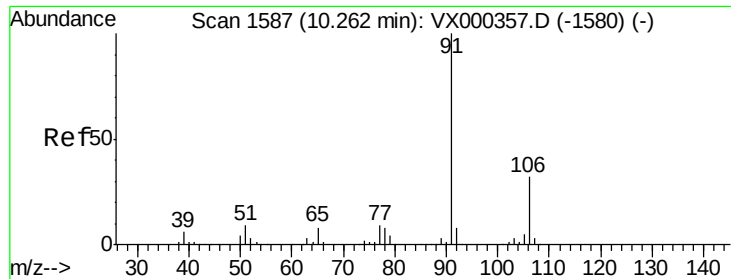
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.44 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

Tgt Ion:131 Resp: 38003
Ion Ratio Lower Upper
131 100
133 93.0 47.1 141.3
119 64.4 33.1 99.2





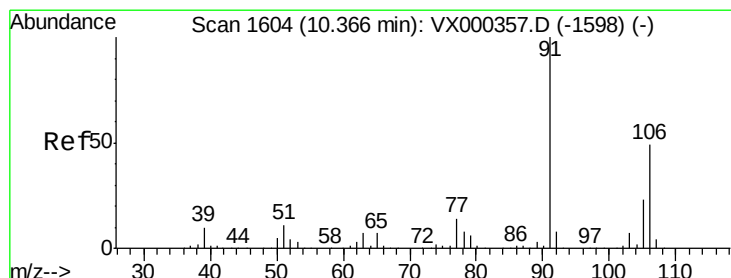
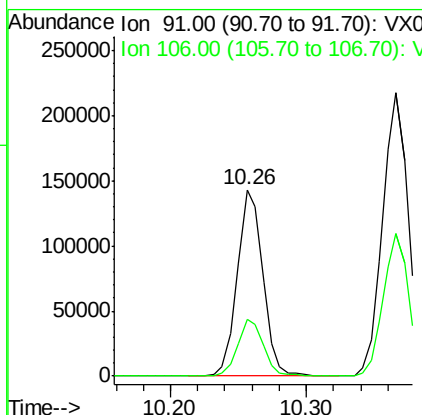
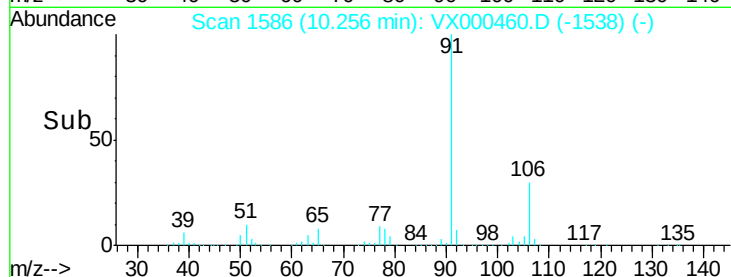
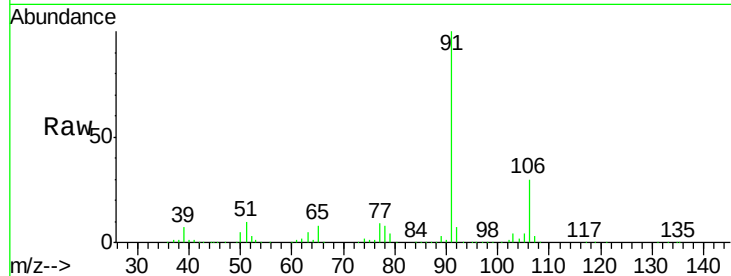
#67
Ethyl Benzene
Concen: 20.22 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tot Ion: 91 Resp: 187678
Ion Ratio Lower Upper
91 100
106 30.3 25.0 37.6

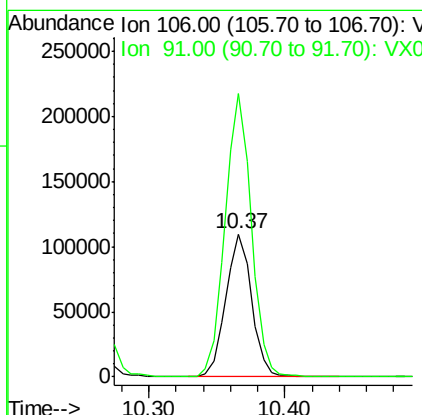
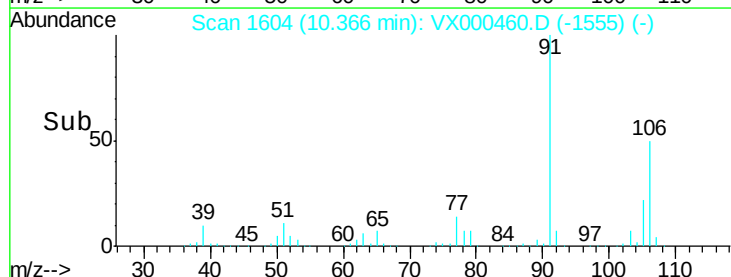
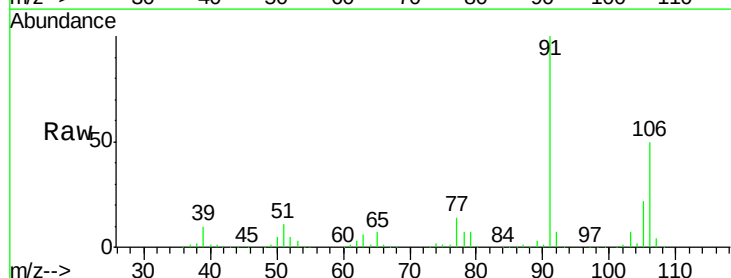
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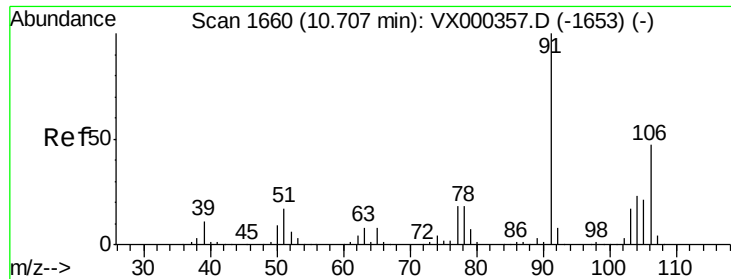
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3/28/2018 11:41:56 AM



#68
m/p-Xylenes
Concen: 39.71 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

Tgt Ion: 106 Resp: 145015
Ion Ratio Lower Upper
106 100
91 200.5 163.4 245.2





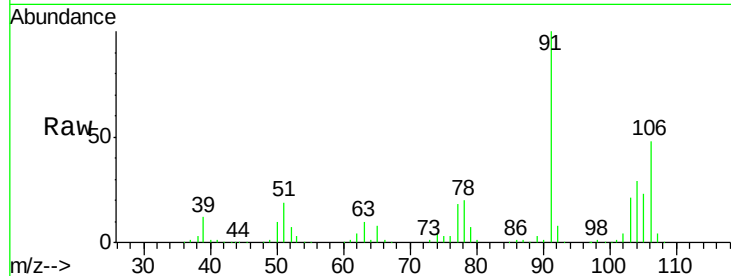
#69
o-Xylene
Concen: 19.30 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

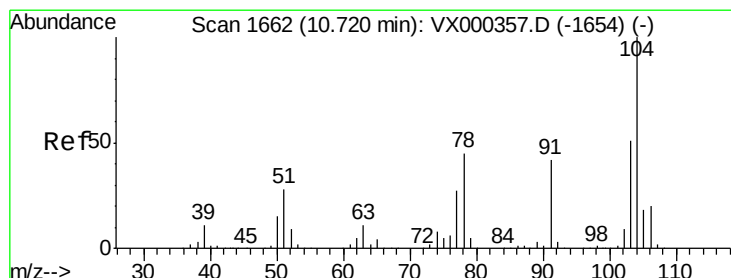
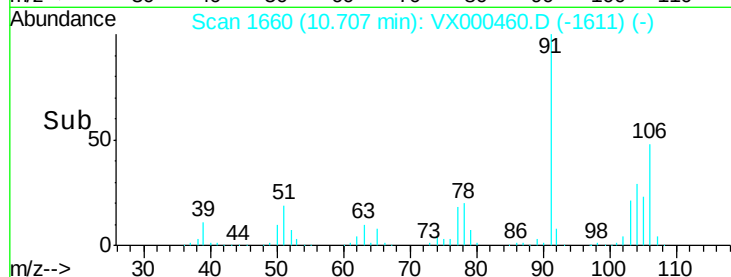
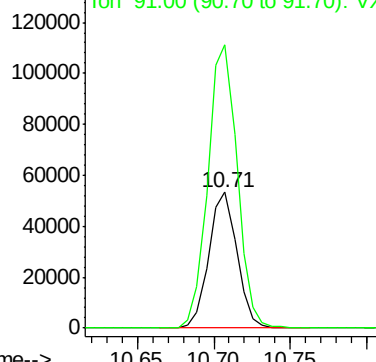
Tot Ion:106 Resp: 68247
Ion Ratio Lower Upper
106 100
91 216.2 106.5 319.6

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3/28/2018 11:41:56 AM

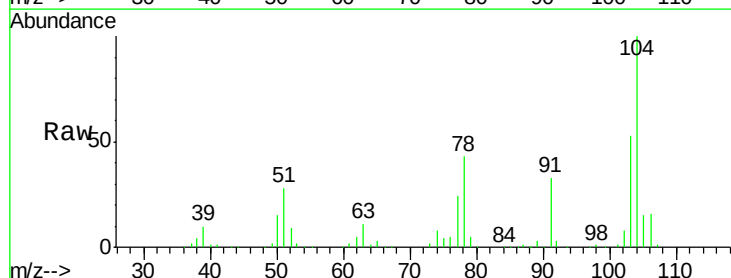


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

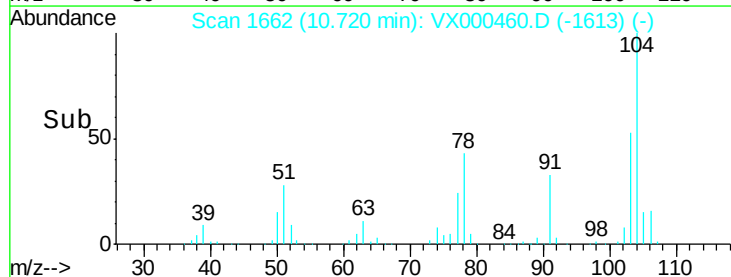
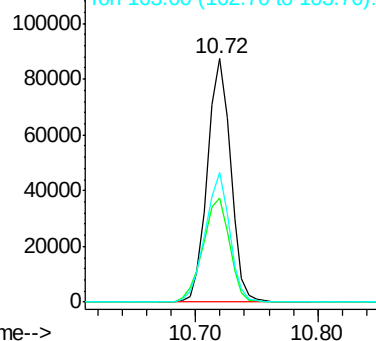


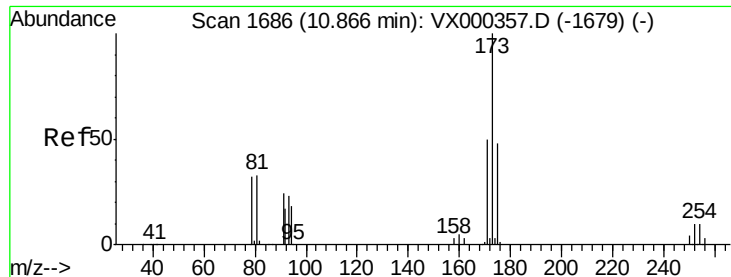
#70
Styrene
Concen: 19.57 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

Tgt Ion:104 Resp: 114468
Ion Ratio Lower Upper
104 100
78 48.7 40.5 60.7
103 56.1 45.7 68.5



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





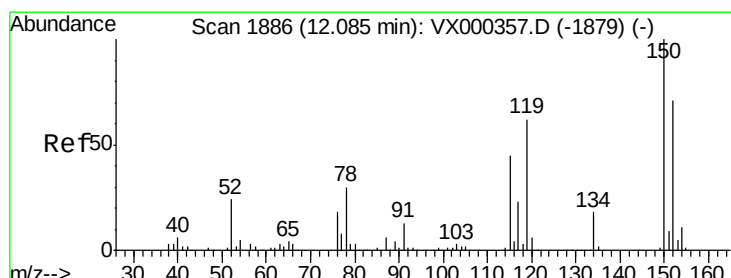
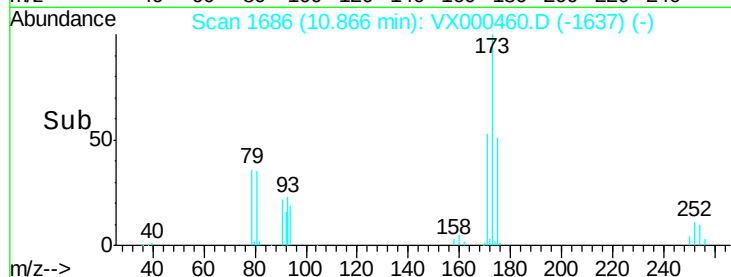
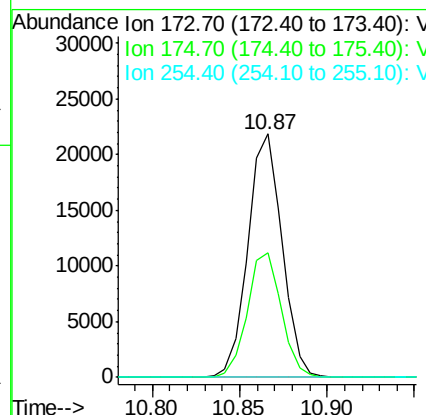
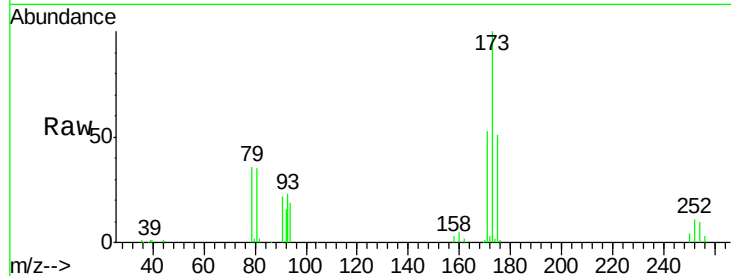
#71
Bromoform
Concen: 18.55 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	51.2	25.4	76.4
254	0.0	0.0	0.0

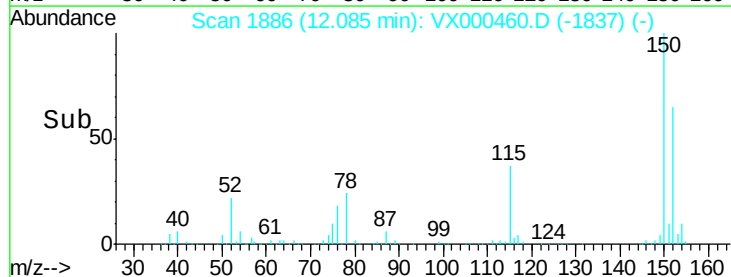
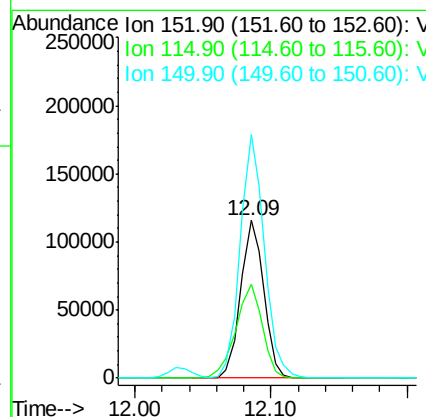
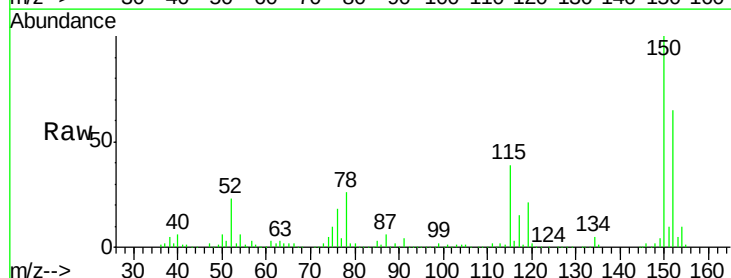
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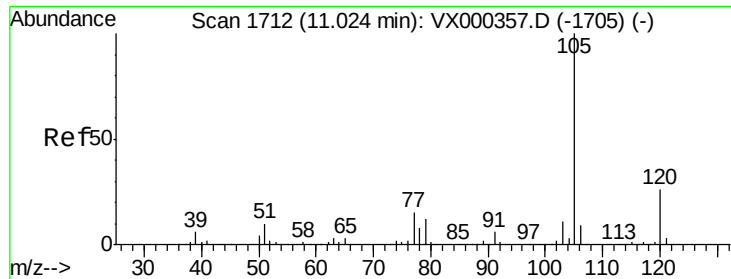
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.6	39.8	119.3
150	161.6	0.0	344.4





#73

Isopropylbenzene

Concen: 21.08 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

Tot Ion: 105 Resp: 191210

Ion Ratio Lower Upper

105 100

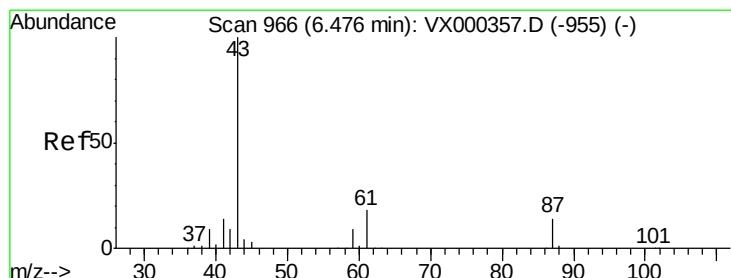
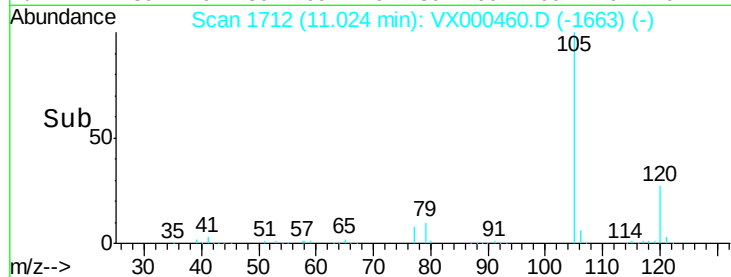
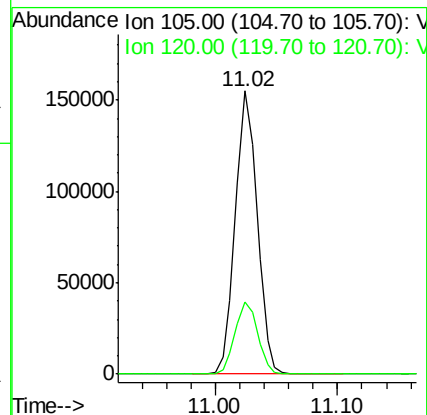
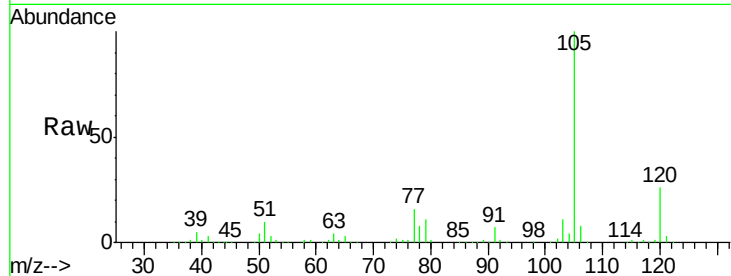
120 26.7 13.6 40.7

Manual Integrations

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3/28/2018 11:41:56 AM



#74

N-ethyl acetate

Concen: 22.59 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.02 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Tgt Ion: 43 Resp: 96459

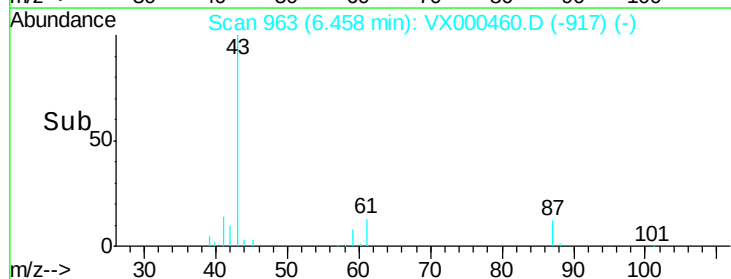
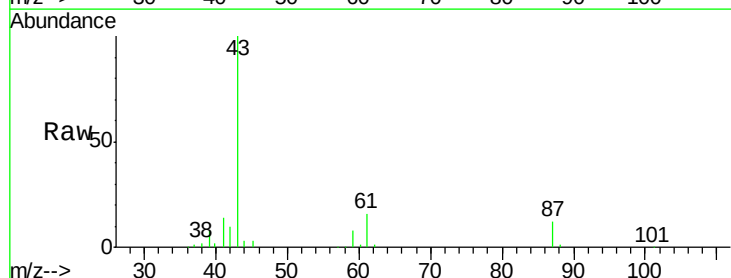
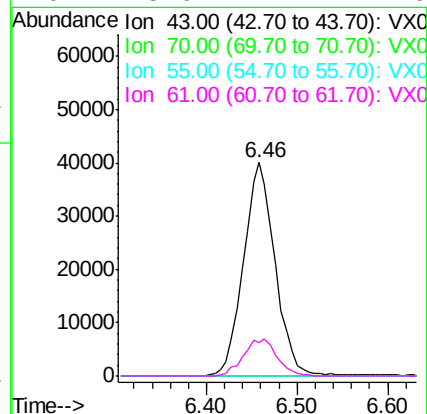
Ion Ratio Lower Upper

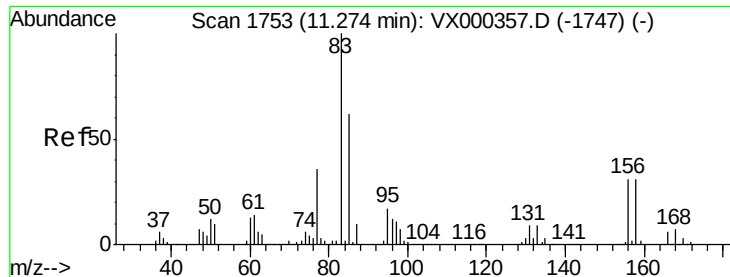
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 18.6 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.16 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

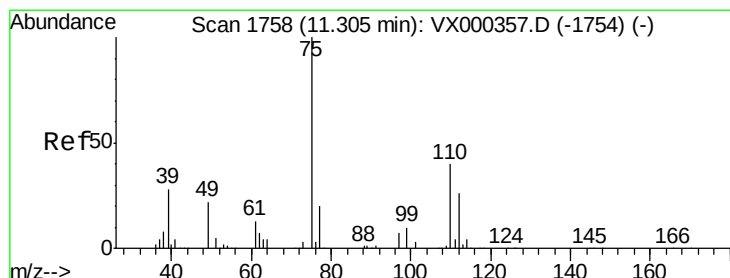
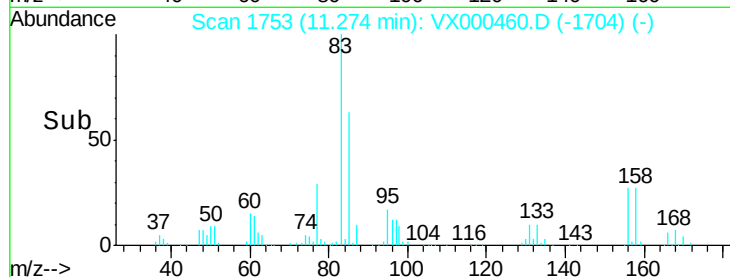
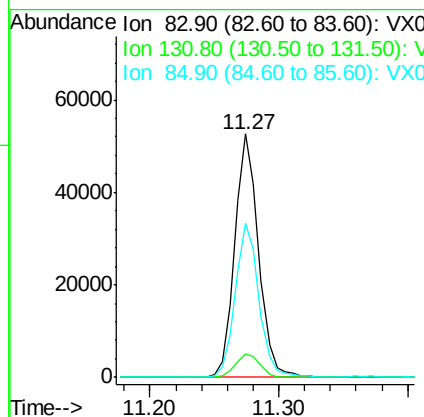
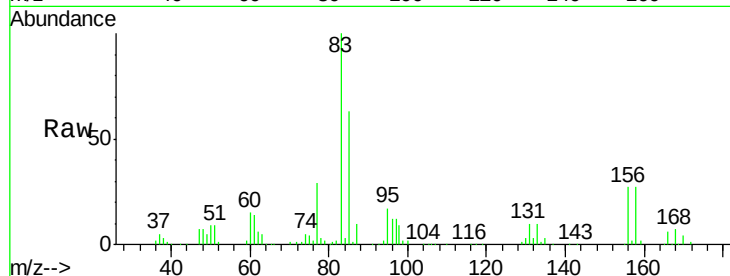
ClientSampled :

VX0327WBSD01

Tot Ion:	83	Resp:	67871
Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.0	14.9
85	63.2	32.5	97.5

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#76

1,2,3-Trichloropropane

Concen: 21.28 ug/l m

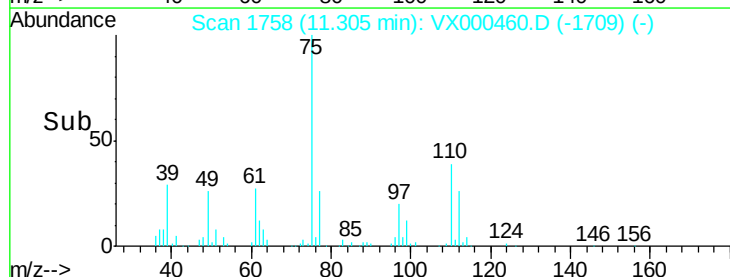
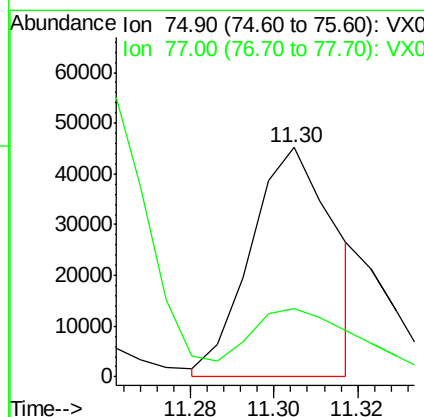
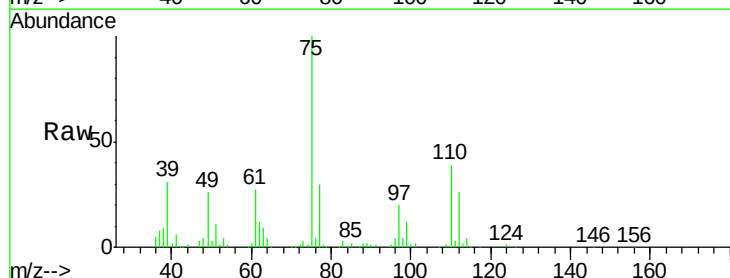
RT: 11.30 min Scan# 1758

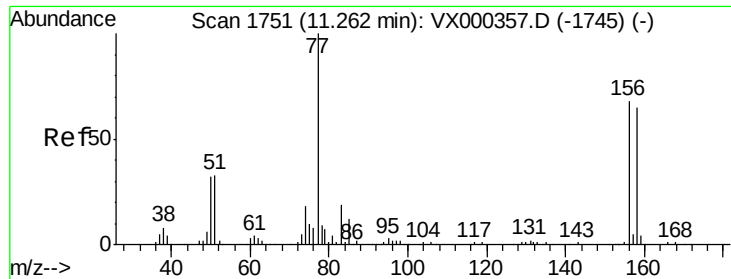
Delta R.T. -0.00 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Tgt Ion:	75	Resp:	62600
Ion	Ratio	Lower	Upper
75	100		
77	38.8	21.4	64.2





#77

Bromobenzene

Concen: 20.25 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

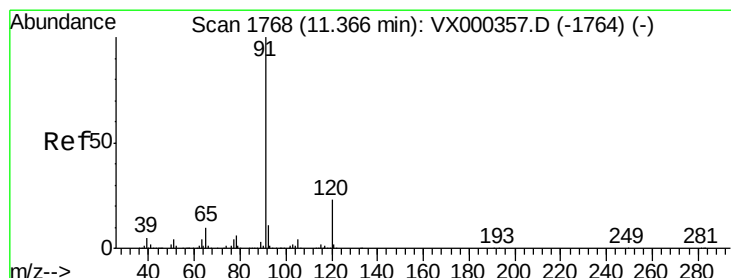
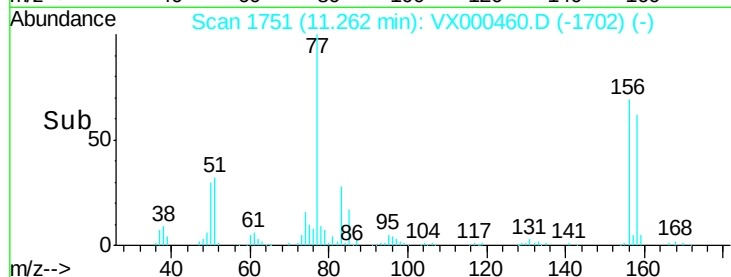
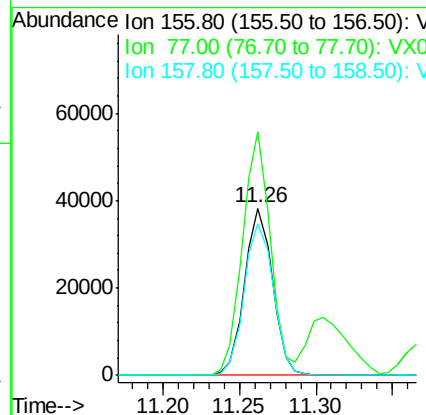
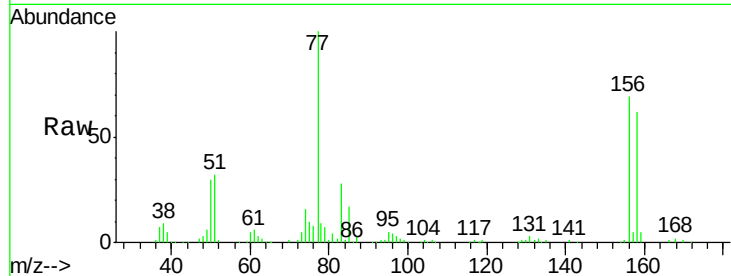
ClientSampleId :

VX0327WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		48915		
77	144.9	73.4	220.2		
158	94.2	48.5	145.6		

Manual Integrations
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#78

n-propylbenzene

Concen: 20.81 ug/l

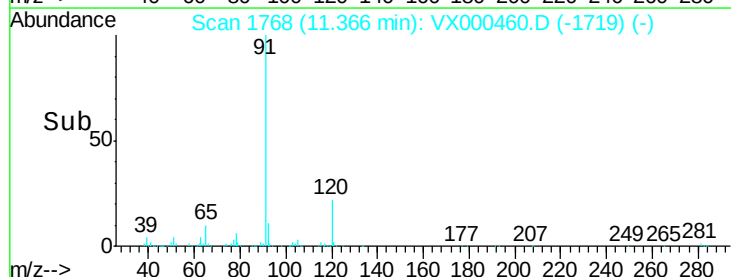
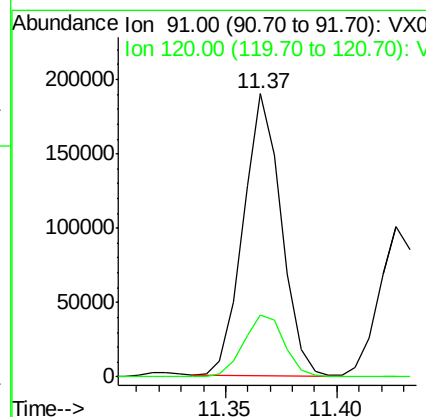
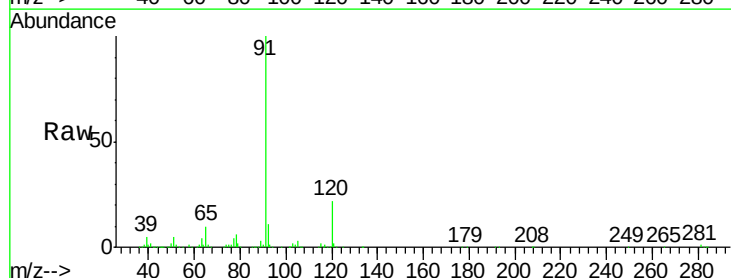
RT: 11.37 min Scan# 1768

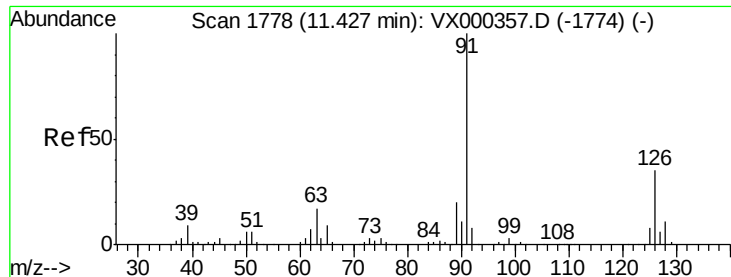
Delta R.T. -0.00 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		225101		
120	23.4	11.8	35.3		





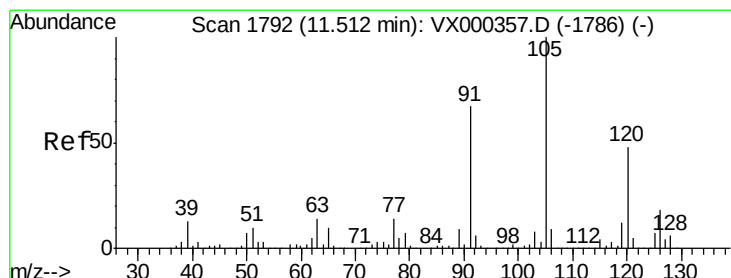
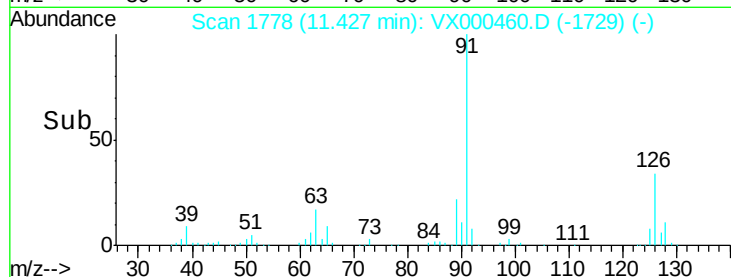
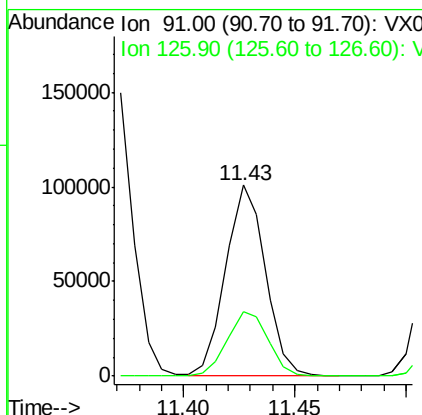
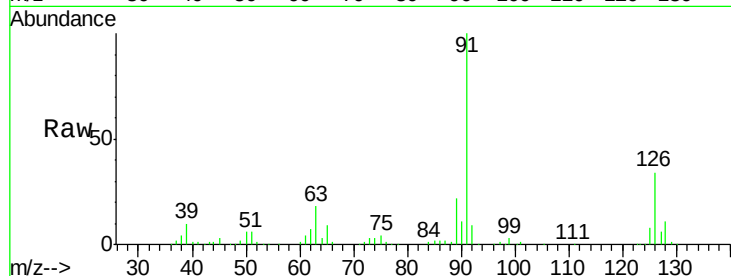
#79
 2-Chlorotoluene
 Concen: 19.99 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000460.D
 Acq: 27 Mar 2018 16:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

Tot Ion: 91 Resp: 124868
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.7 53.1

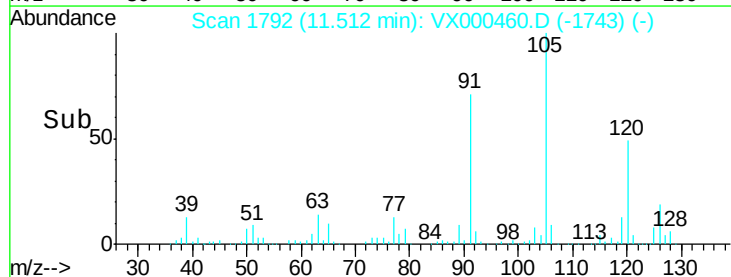
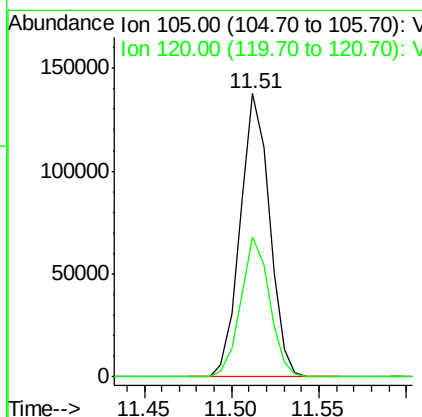
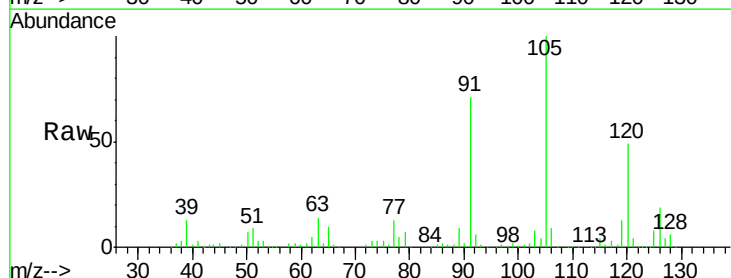
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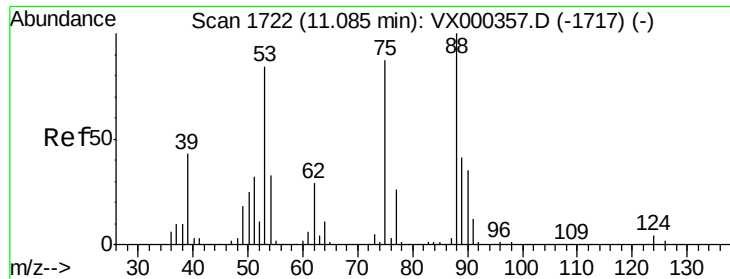
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.08 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000460.D
 Acq: 27 Mar 2018 16:06

Tgt Ion: 105 Resp: 160748
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.1 72.4





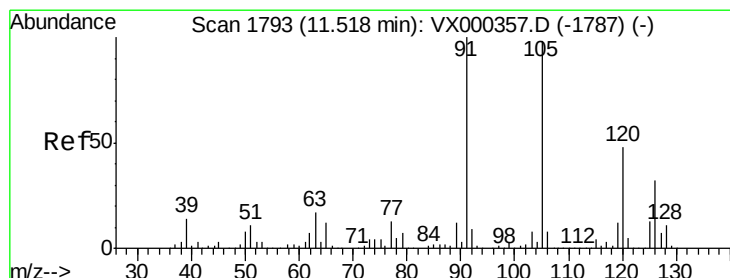
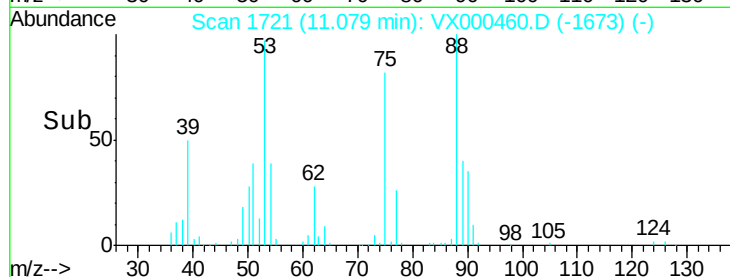
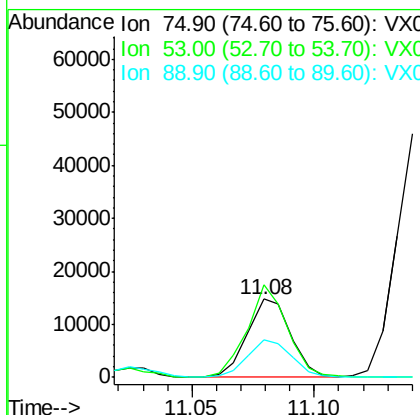
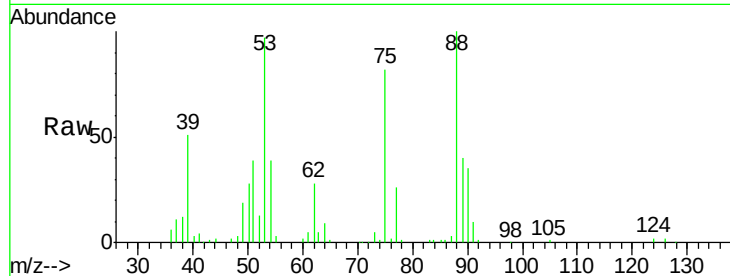
#81
trans-1,4-Dichloro-2-butene
Concen: 20.14 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.01 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.8	80.7	121.1
89	48.9	39.4	59.0

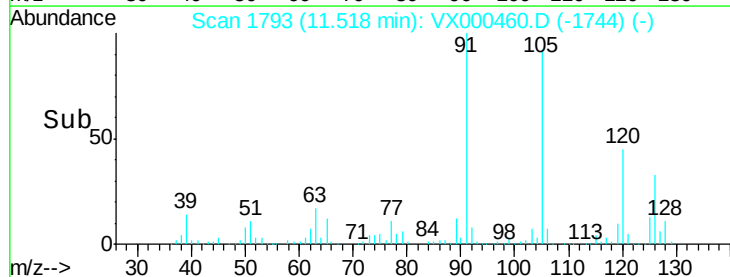
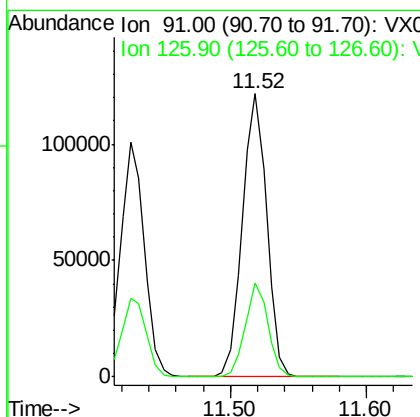
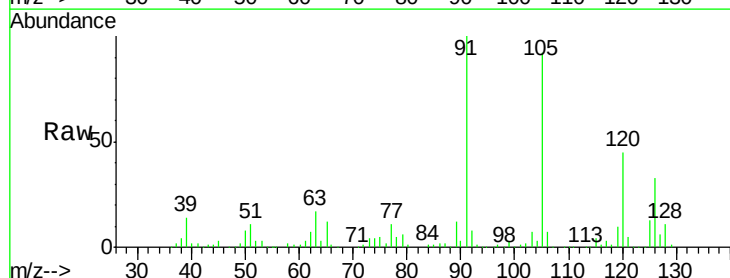
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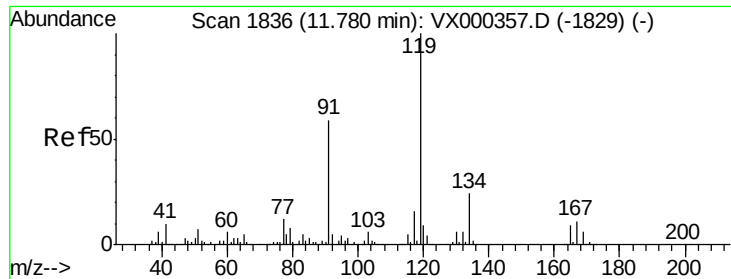
MM Dadoda
3/28/2018 11:41:56 AM



#82
4-Chlorotoluene
Concen: 20.40 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.4	46.1





#83

tert-Butylbenzene

Concen: 20.18 ug/l

RT: 11.78 min Scan# 1836

Delta R.T. -0.00 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

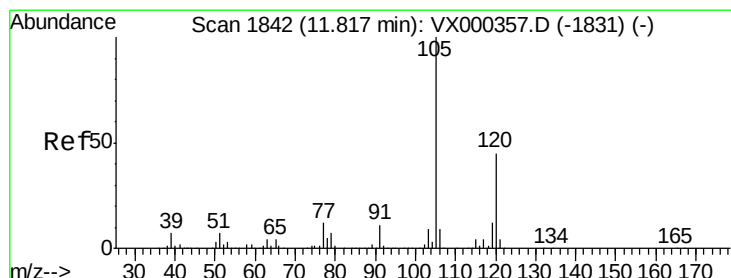
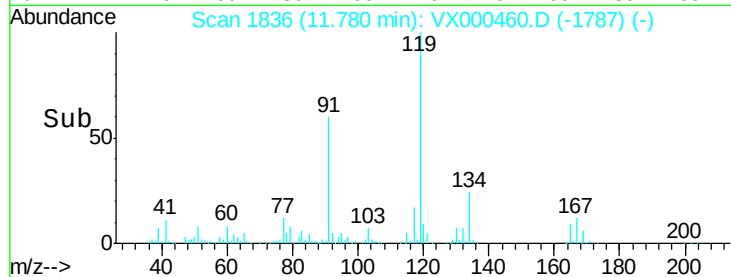
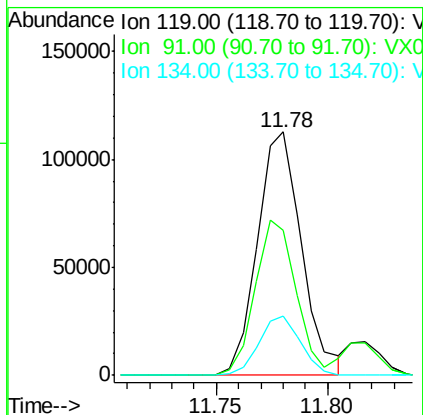
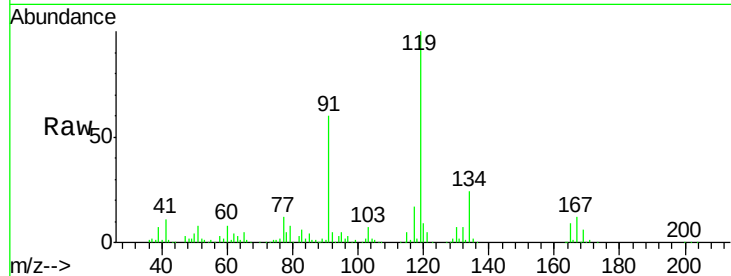
ClientSampleId :

VX0327WBSD01

Tot Ion:	119	Resp:	155234
Ion Ratio	Lower	Upper	
119	100		
91	59.3	28.8	86.4
134	23.1	11.4	34.1

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#84

1,2,4-Trimethylbenzene

Concen: 20.76 ug/l

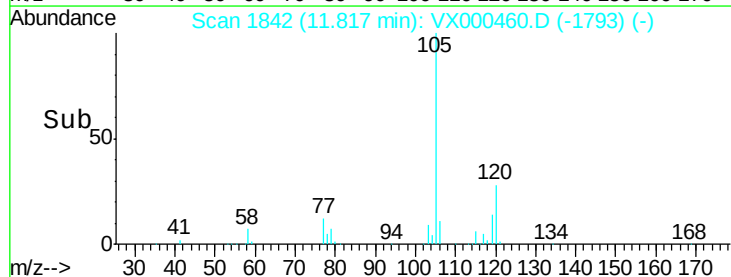
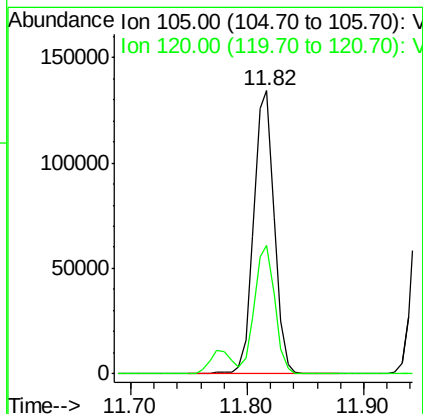
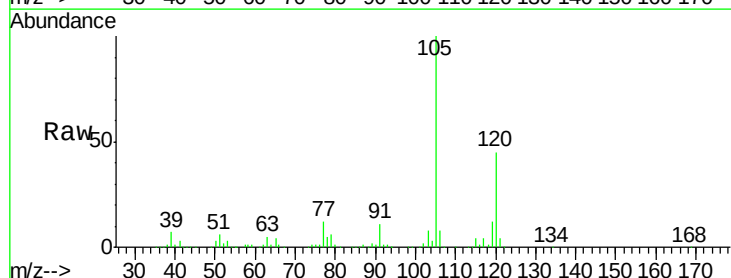
RT: 11.82 min Scan# 1842

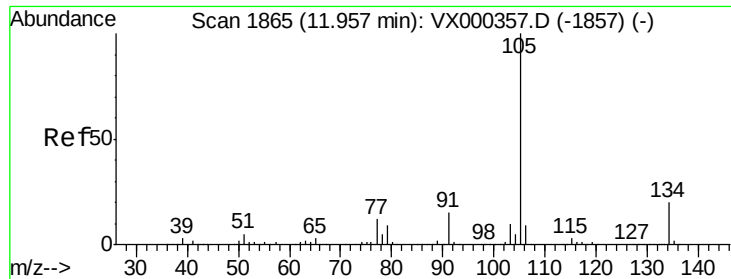
Delta R.T. -0.00 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Tgt Ion:	105	Resp:	165989
Ion Ratio	Lower	Upper	
105	100		
120	44.6	22.4	67.3





#85

sec-Butylbenzene

Concen: 21.20 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.01 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

Tot Ion:105 Resp: 201770

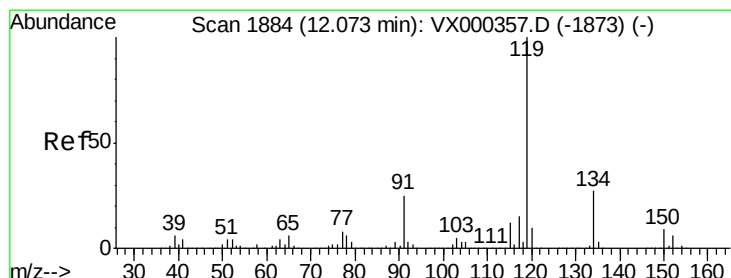
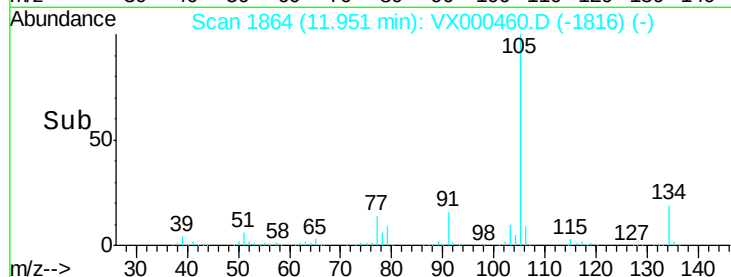
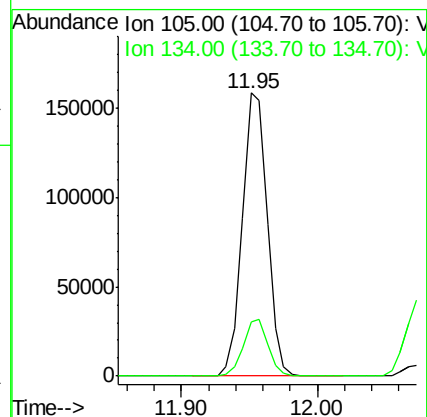
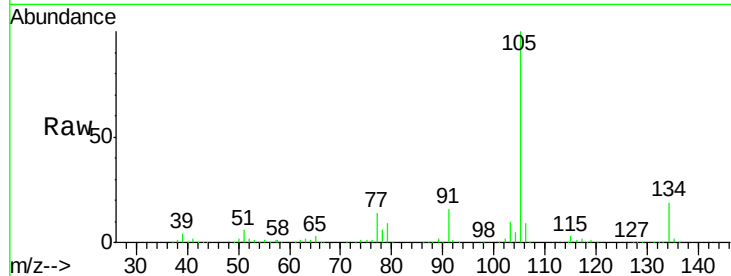
Ion Ratio Lower Upper

105 100

134 19.8 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 20.85 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

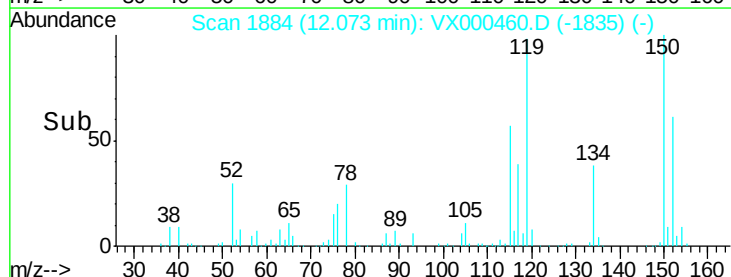
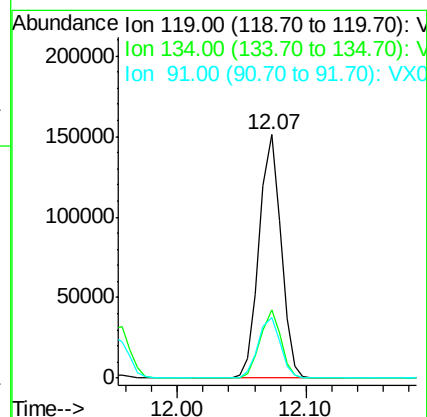
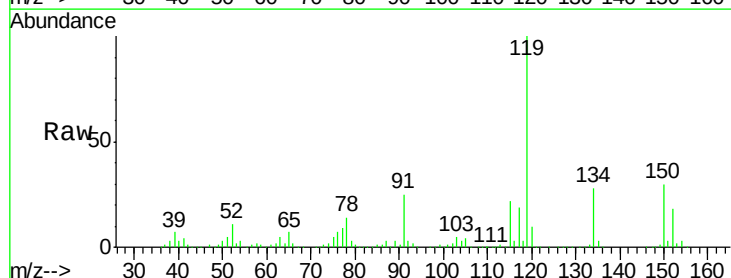
Tgt Ion:119 Resp: 176196

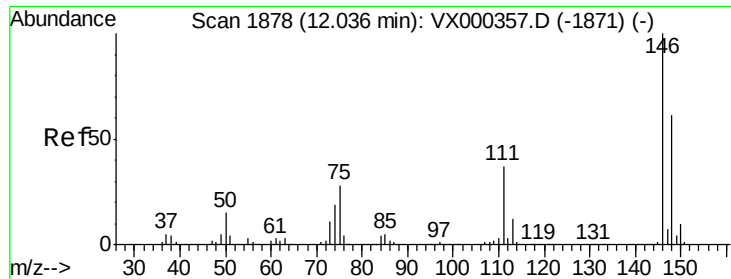
Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.9

91 25.5 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 19.97 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

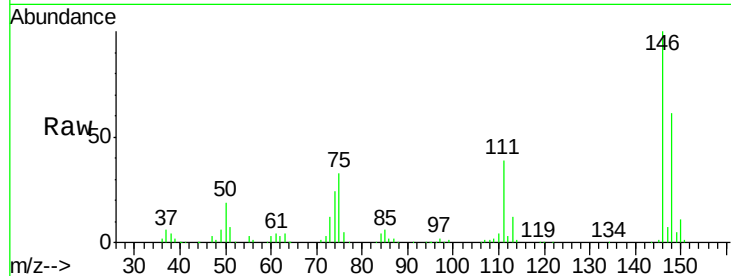
ClientSampleId :

VX0327WBSD01

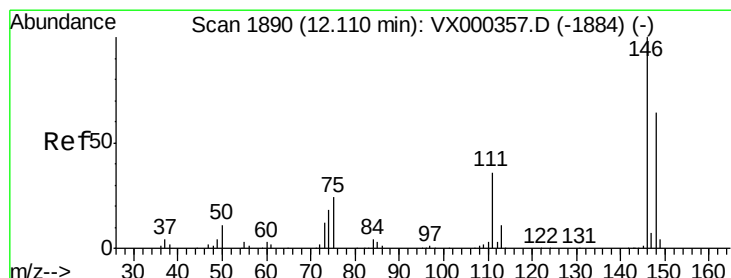
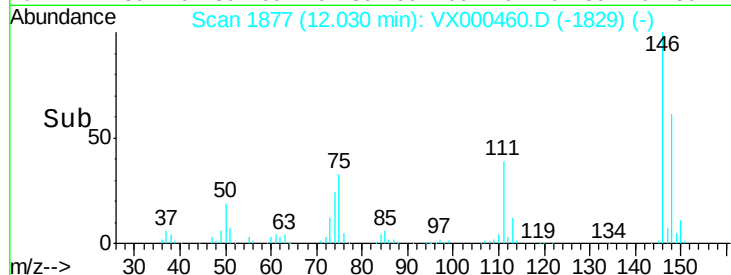
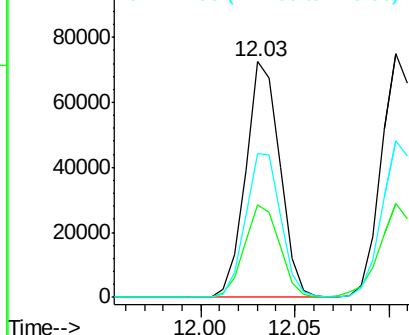
Tot Ion:	146	Resp:	91222
Ion Ratio	Lower	Upper	
146	100		
111	40.3	19.5	58.5
148	62.6	32.4	97.0

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Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.81 ug/l

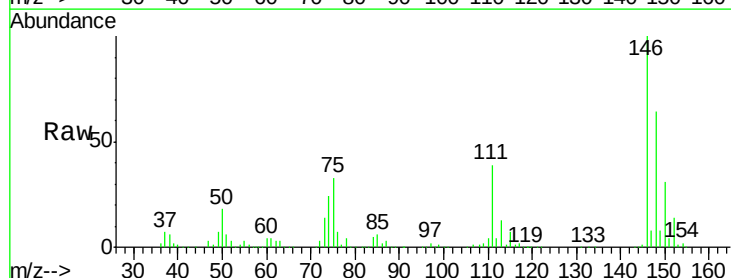
RT: 12.10 min Scan# 1889

Delta R.T. -0.01 min

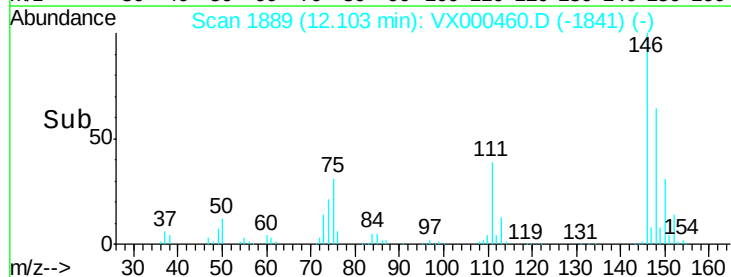
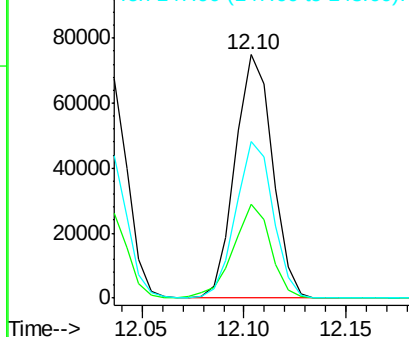
Lab File: VX000460.D

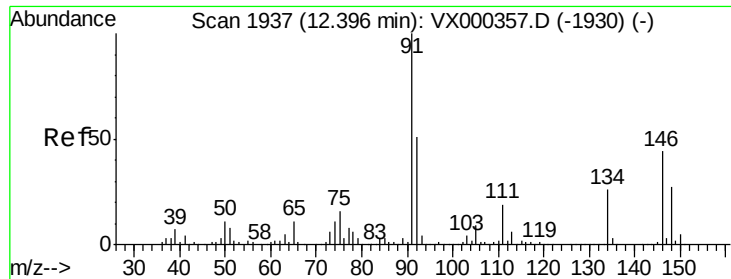
Acq: 27 Mar 2018 16:06

Tgt Ion:	146	Resp:	95021
Ion Ratio	Lower	Upper	
146	100		
111	38.9	18.9	56.9
148	64.5	31.0	93.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





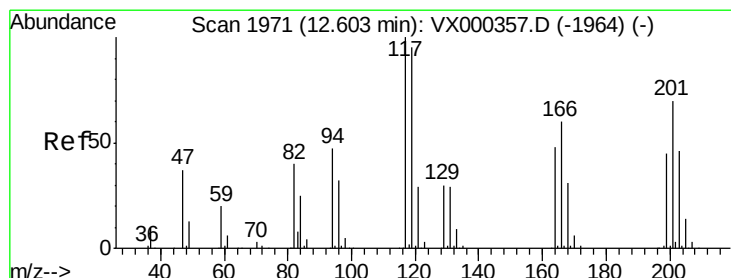
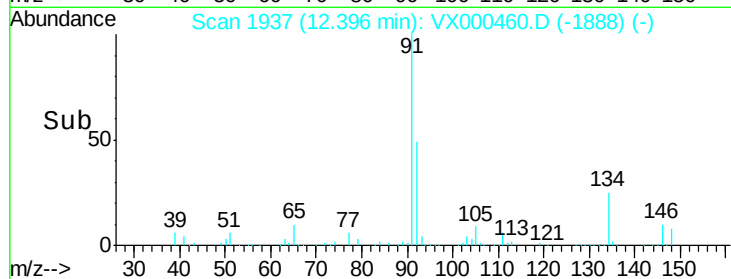
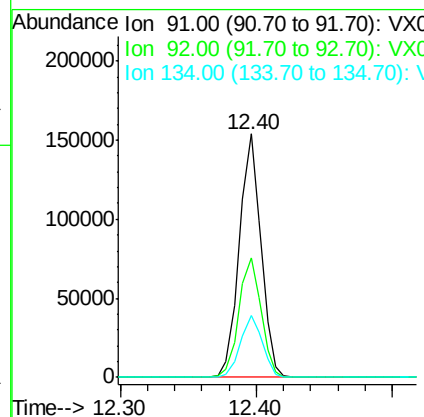
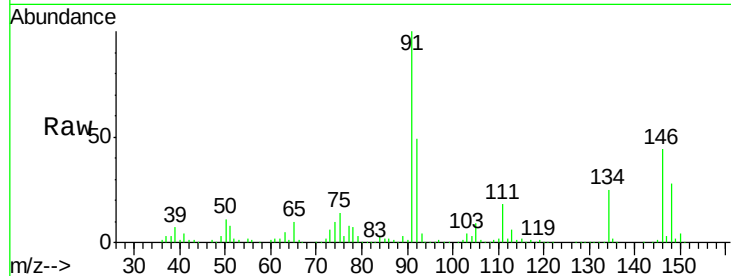
#89
n-Butylbenzene
Concen: 21.69 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.2	25.9	77.8
134	25.6	13.1	39.3

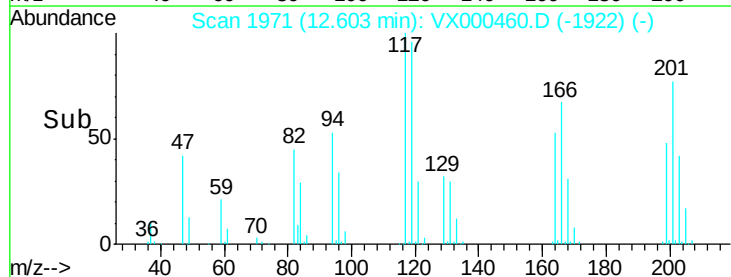
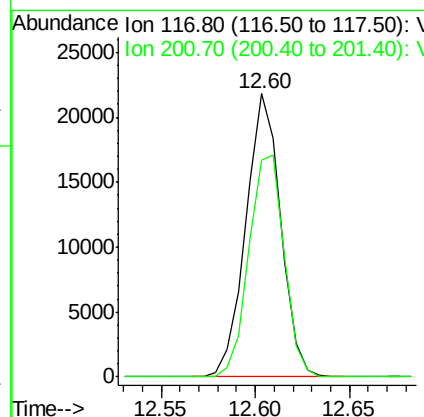
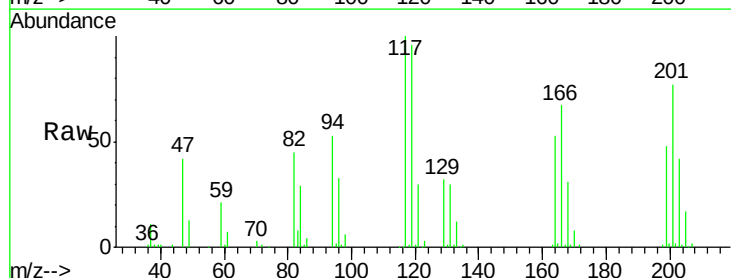
Manual Integrations
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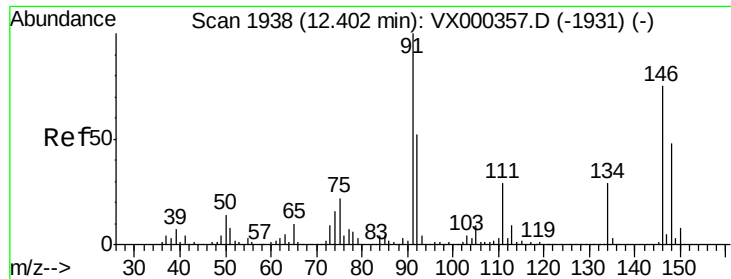
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#90
Hexachloroethane
Concen: 21.02 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000460.D
Acq: 27 Mar 2018 16:06

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.4	37.9	113.6





#91

1,2-Dichlorobenzene

Concen: 20.01 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

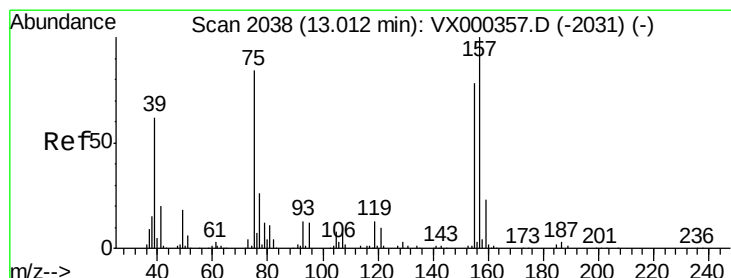
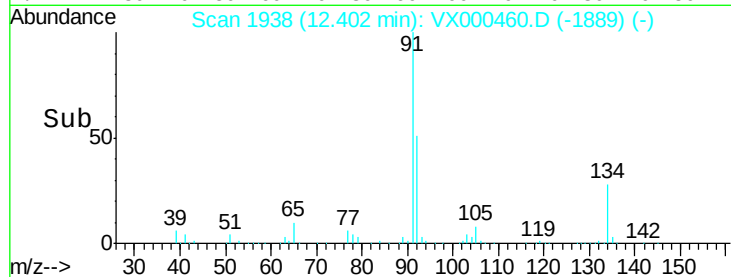
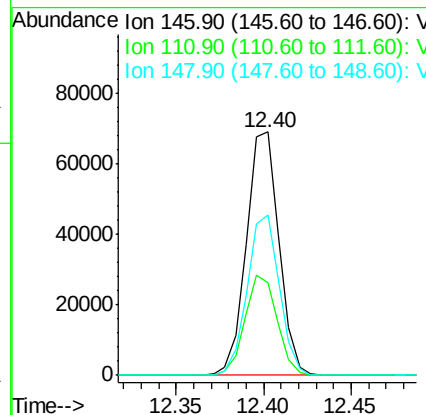
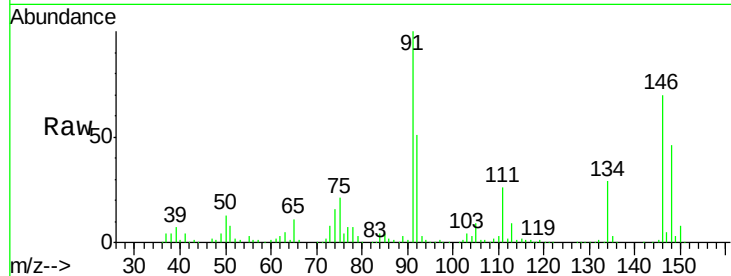
ClientSampleId :

VX0327WBSD01

Tot Ion:	146	Resp:	89599
Ion Ratio	Lower	Upper	
146	100		
111	40.3	20.1	60.2
148	64.9	31.2	93.6

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.81 ug/l

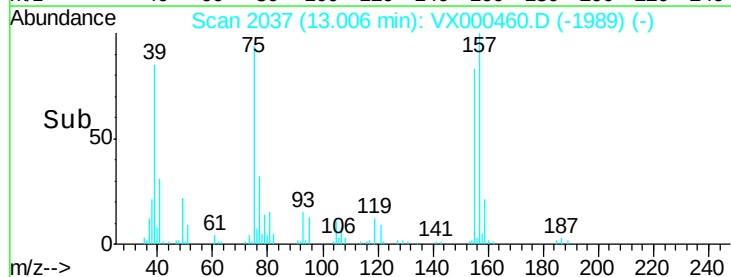
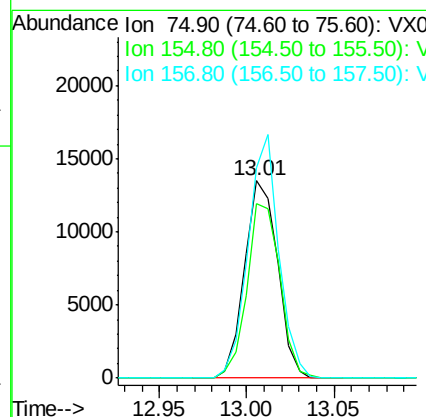
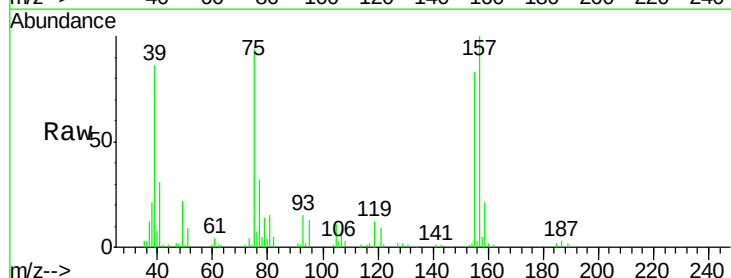
RT: 13.01 min Scan# 2037

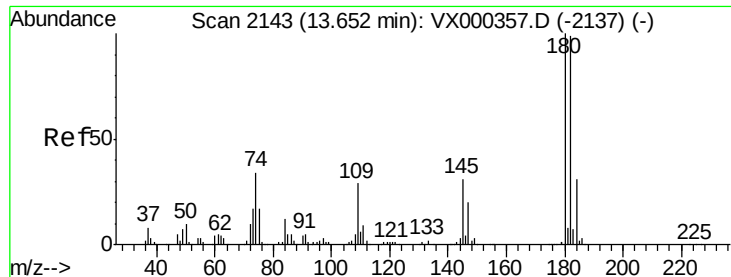
Delta R.T. -0.01 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Tgt Ion:	75	Resp:	17726
Ion Ratio	Lower	Upper	
75	100		
155	87.9	45.0	134.8
157	114.1	58.1	174.2





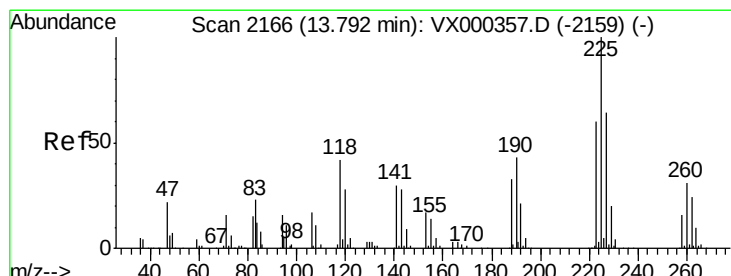
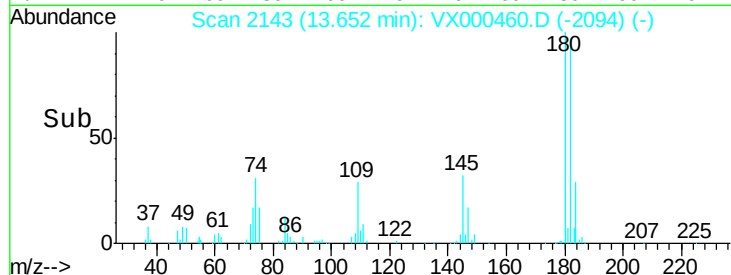
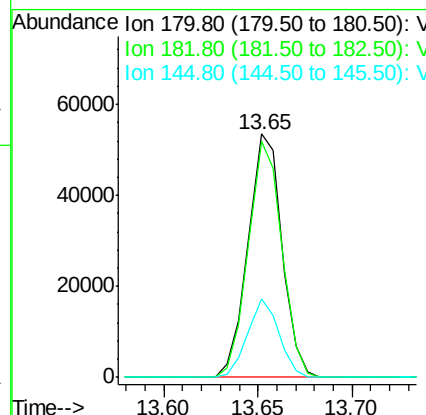
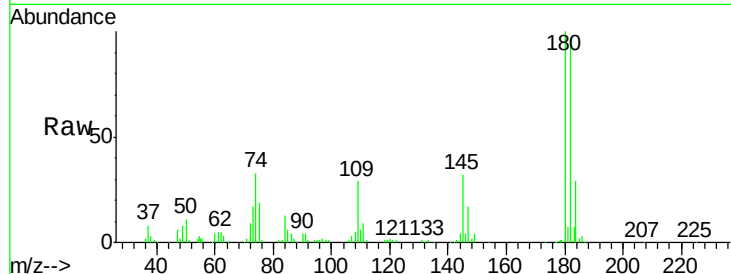
#93
 1,2,4-Trichlorobenzene
 Concen: 20.88 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000460.D
 Acq: 27 Mar 2018 16:06

Instrument :
 MSVOA_X
 ClientSampled :
 VX0327WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.6	142.9
145	30.0	15.1	45.3

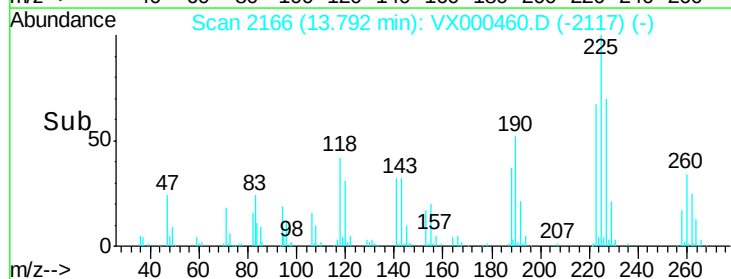
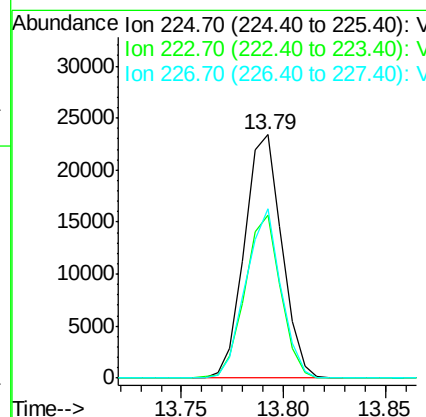
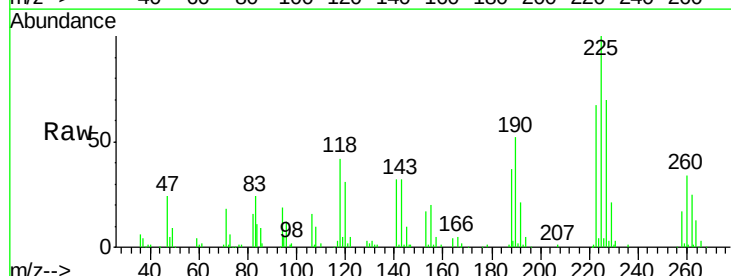
Manual Integrations
 APPROVED

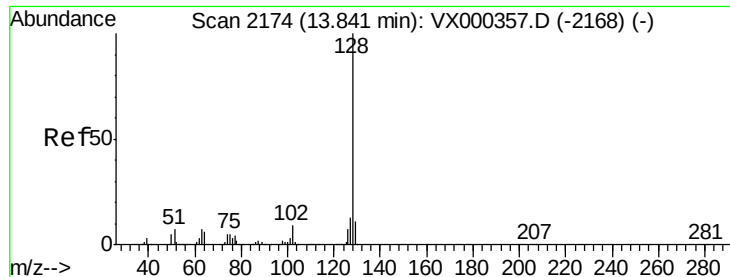
MMDadoda
 3/28/2018 11:41:56 AM



#94
 Hexachlorobutadiene
 Concen: 22.35 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000460.D
 Acq: 27 Mar 2018 16:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	32.0	96.0
227	65.2	32.6	98.0





#95

Naphthalene

Concen: 20.53 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Instrument :

MSVOA_X

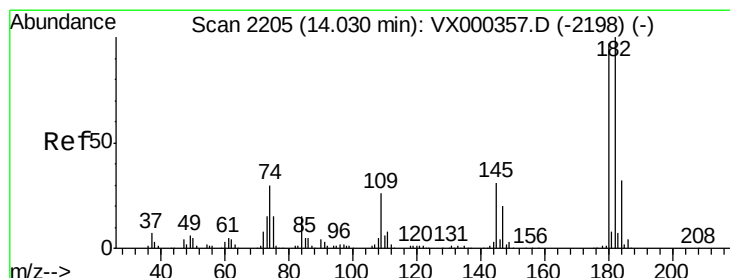
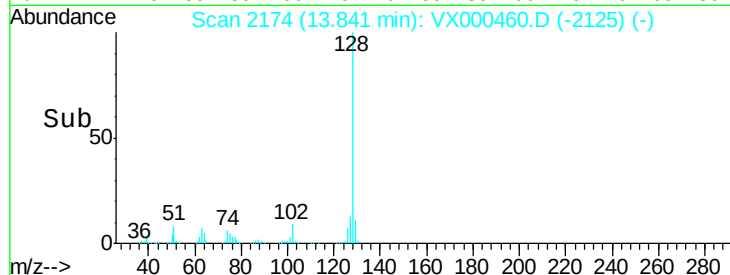
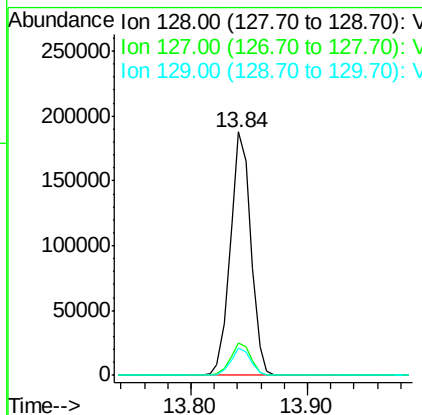
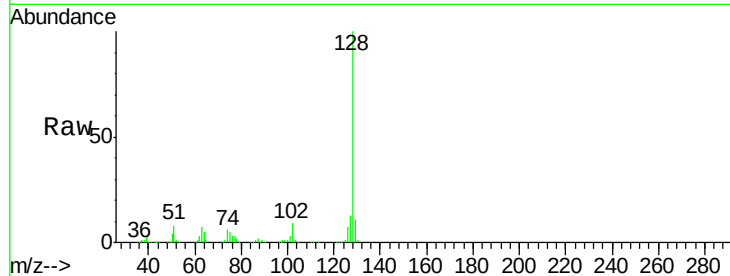
ClientSampleId :

VX0327WBSD01

Tot Ion:	128	Resp:	229595
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.6	15.8
129	11.1	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
3/28/2018 11:41:56 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.68 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000460.D

Acq: 27 Mar 2018 16:06

Tgt Ion:	180	Resp:	65619
Ion Ratio	Lower	Upper	
180	100		
182	99.1	47.4	142.3
145	31.7	15.8	47.3

