

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032718\
 Data File : VX000459.D
 Acq On : 27 Mar 2018 15:21
 Operator : JC/MD
 Sample : VX0327WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/28/2018 11:41:55 AM

Quant Time: Mar 28 07:23:17 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	144717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	232297	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	244523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	140295	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	96625	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
35) Dibromofluoromethane	5.51	113	76112	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
50) Toluene-d8	8.73	98	305515	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
62) 4-Bromofluorobenzene	11.15	95	120537	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	36578	22.93	ug/l	98
3) Chloromethane	1.32	50	33604	20.00	ug/l	94
4) Vinyl Chloride	1.40	62	40532	22.83	ug/l	96
5) Bromomethane	1.64	94	30993	14.61	ug/l	99
6) Chloroethane	1.73	64	25435	25.28	ug/l	94
7) Trichlorofluoromethane	1.93	101	69247	21.61	ug/l	99
8) Diethyl Ether	2.19	74	25733	22.47	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	39878	22.32	ug/l	98
10) Methyl Iodide	2.52	142	23780	16.56	ug/l	95
11) Tert butyl alcohol	3.07	59	75299	115.88	ug/l	100
12) 1,1-Dichloroethene	2.38	96	35017	22.32	ug/l	95
13) Acrolein	2.29	56	22254	115.59	ug/l	97
14) Allyl chloride	2.73	41	63257	22.78	ug/l	97
15) Acrylonitrile	3.15	53	145775	110.77	ug/l	99
16) Acetone	2.45	43	177838	113.17	ug/l	99
17) Carbon Disulfide	2.57	76	94662	22.69	ug/l	99
18) Methyl Acetate	2.78	43	74263	22.54	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	132355	22.81	ug/l	100
20) Methylene Chloride	2.86	84	39577	21.80	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	37718	21.56	ug/l	95
22) Diisopropyl ether	3.88	45	123973	25.28	ug/l	95
23) Vinyl Acetate	3.83	43	600540	129.19	ug/l	98
24) 1,1-Dichloroethane	3.70	63	70704	22.93	ug/l	99
25) 2-Butanone	4.71	43	195166	110.49	ug/l	96
26) 2,2-Dichloropropane	4.60	77	45360	20.99	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	36181	22.12	ug/l	97
28) Bromochloromethane	5.03	49	25539	20.09	ug/l	96
29) Tetrahydrofuran	5.18	42	116899	107.56	ug/l	99
30) Chloroform	5.23	83	63874	22.11	ug/l	96
31) Cyclohexane	5.58	56	51308	21.53	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	56589	21.71	ug/l	98
36) 1,1-Dichloropropene	5.81	75	45985	21.13	ug/l	97
37) Ethyl Acetate	4.87	43	65196	21.93	ug/l	99
38) Carbon Tetrachloride	5.79	117	48036	21.04	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	59512	22.49	ug/l	97
40) Benzene	6.15	78	138798	21.97	ug/l	99
41) Methacrylonitrile	5.07	41	34031	21.72	ug/l	99
42) 1,2-Dichloroethane	6.20	62	55871	22.53	ug/l	97
43) Isopropyl Acetate	6.48	43	97862	22.12	ug/l	99
44) Trichloroethene	7.22	130	39640	21.90	ug/l	99
45) 1,2-Dichloropropane	7.53	63	36521	22.58	ug/l	92
46) Dibromomethane	7.67	93	28226	22.23	ug/l	98
47) Bromodichloromethane	7.91	83	51814	23.20	ug/l	98
48) Methyl methacrylate	7.79	41	49095	22.86	ug/l	97
49) 1,4-Dioxane	7.76	88	20382	451.43	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	395374	115.45	ug/l	98
52) Toluene	8.79	92	99096	22.43	ug/l	97
53) t-1,3-Dichloropropene	8.44	75	58500	22.60	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	59512	23.70	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	42460	23.37	ug/l	98
56) Ethyl methacrylate	9.19	69	62195	22.59	ug/l	98
57) 1,3-Dichloropropane	9.38	76	68674	23.63	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	140103	106.04	ug/l	99
59) 2-Hexanone	9.51	43	338209	116.31	ug/l	98
60) Dibromochloromethane	9.59	129	43178	22.55	ug/l	98
61) 1,2-Dibromoethane	9.68	107	45905	23.56	ug/l	98
64) Tetrachloroethene	9.34	164	40724	21.46	ug/l	92
65) Chlorobenzene	10.15	112	115792	21.28	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	40607	21.97	ug/l	99
67) Ethyl Benzene	10.26	91	201610	21.86	ug/l	98
68) m/p-Xylenes	10.37	106	158584	43.69	ug/l	99
69) o-Xylene	10.71	106	75521	21.49	ug/l	98
70) Styrene	10.72	104	125032	21.50	ug/l	100
71) Bromoform	10.87	173	33821	20.66	ug/l #	97
73) Isopropylbenzene	11.02	105	206366	22.20	ug/l	100
74) N-amyl acetate	6.48	43	97862	22.33	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	74864	22.77	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	70219m	23.29	ug/l	
77) Bromobenzene	11.26	156	53654	21.67	ug/l	98
78) n-propylbenzene	11.37	91	249751	22.53	ug/l	98
79) 2-Chlorotoluene	11.43	91	137350	21.45	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	172976	22.13	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	19930	21.40	ug/l	91
82) 4-Chlorotoluene	11.52	91	168611	22.05	ug/l	99
83) tert-Butylbenzene	11.78	119	172480	21.88	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	181374	22.13	ug/l	100
85) sec-Butylbenzene	11.96	105	216216	22.17	ug/l	100
86) p-Isopropyltoluene	12.07	119	194682	22.47	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	99619	21.28	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	105702	21.50	ug/l	98
89) n-Butylbenzene	12.40	91	183976	22.81	ug/l	99
90) Hexachloroethane	12.60	117	29430	21.58	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	100858	21.97	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20548	22.41	ug/l	96

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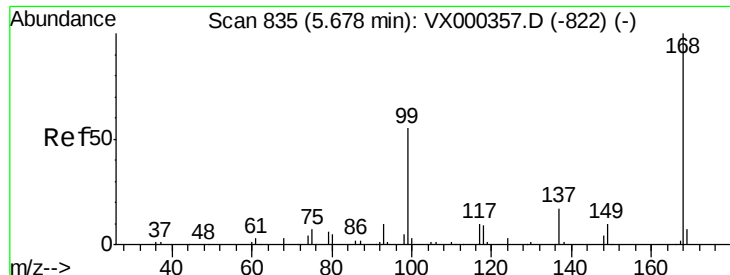
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	73838	22.44	ug/l	98
94) Hexachlorobutadiene	13.79	225	32330	23.73	ug/l	98
95) Naphthalene	13.84	128	263373	22.98	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	77106	23.71	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS01

Tot Ion:168 Resp: 144717

Ion Ratio Lower Upper

168 100

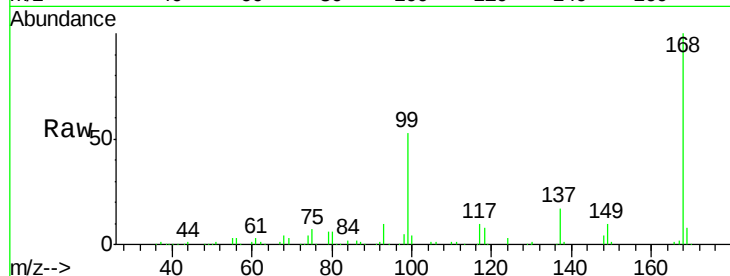
99 52.4 45.8 68.6

Manual Integrations

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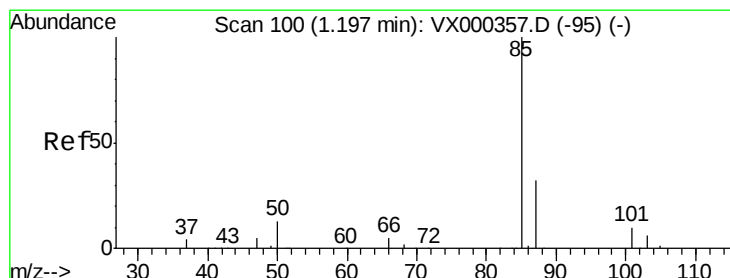
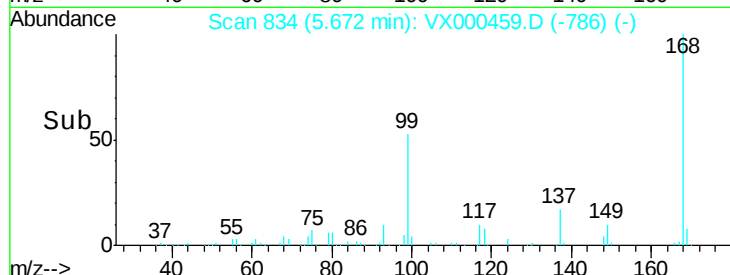
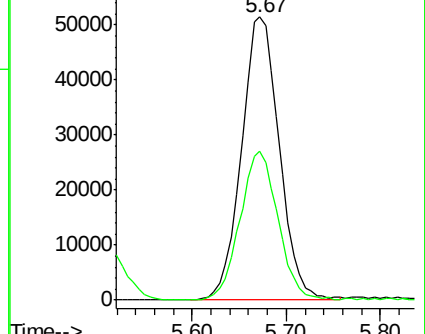
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 22.93 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000459.D

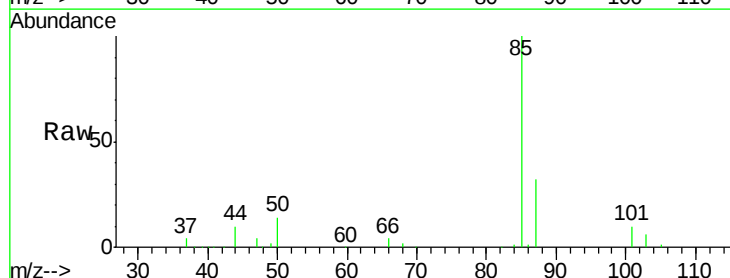
Acq: 27 Mar 2018 15:21

Tgt Ion: 85 Resp: 36578

Ion Ratio Lower Upper

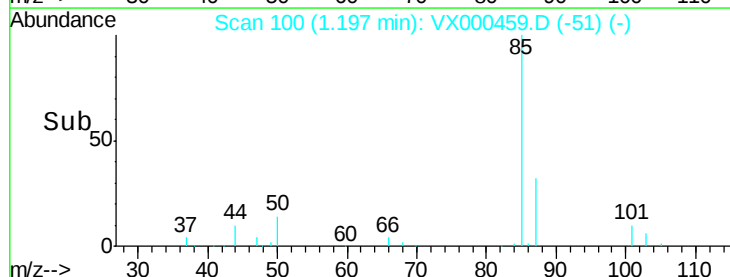
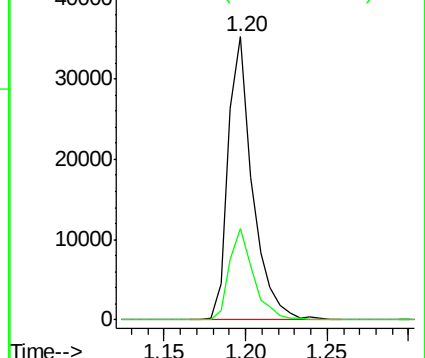
85 100

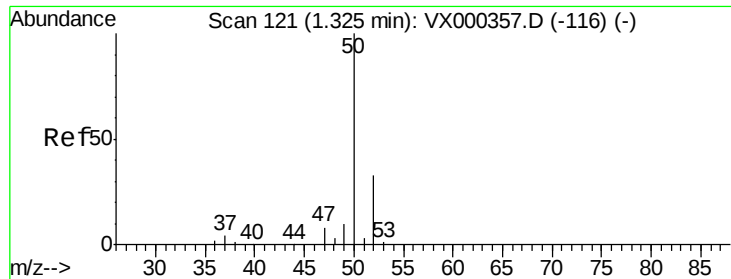
87 32.1 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.00 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS01

Tot Ion: 50 Resp: 33604

Ion Ratio Lower Upper

50 100

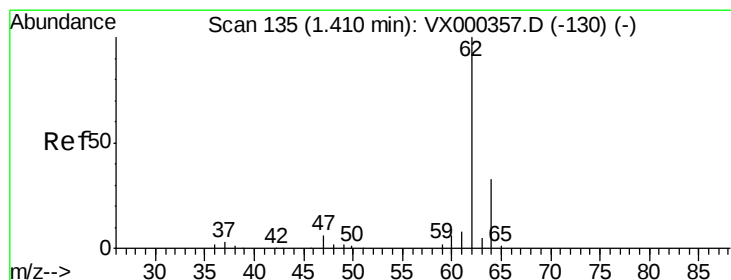
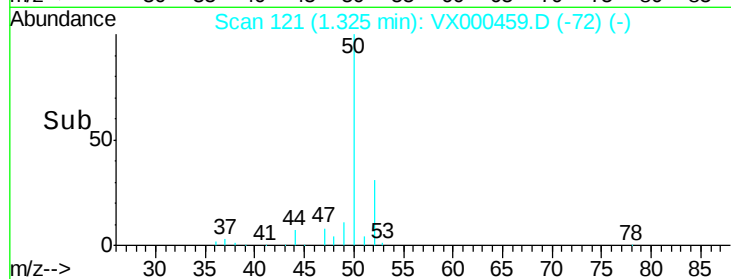
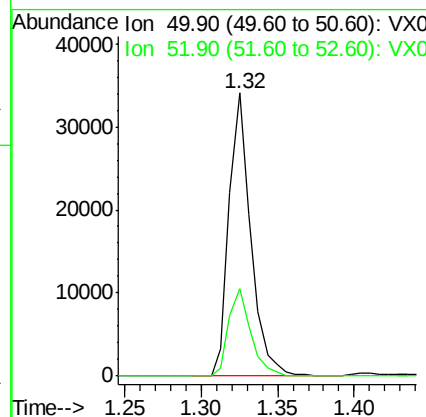
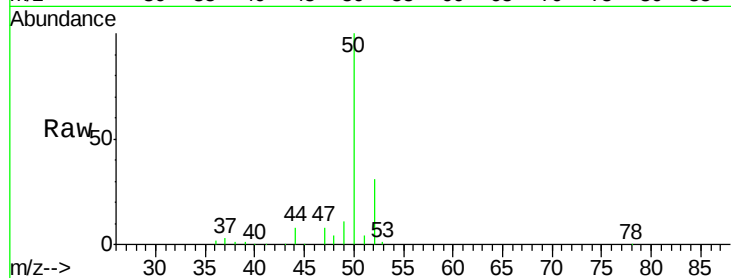
52 30.9 27.5 41.3

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#4

Vinyl Chloride

Concen: 22.83 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000459.D

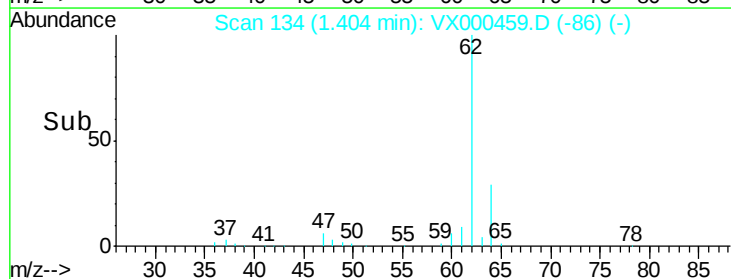
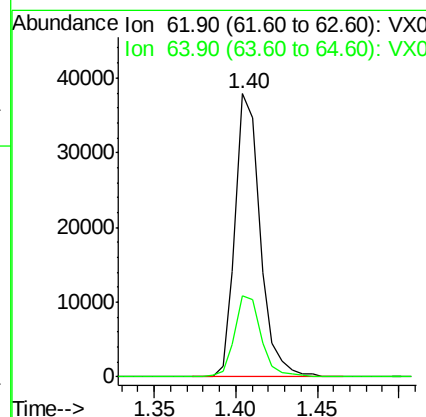
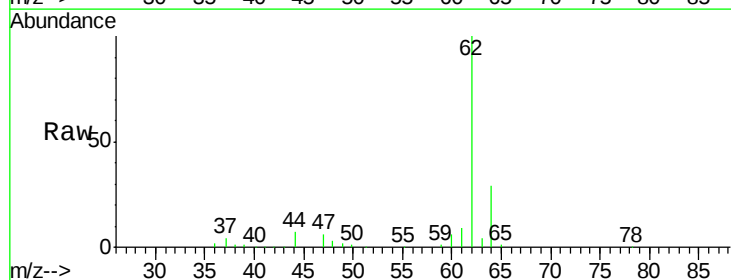
Acq: 27 Mar 2018 15:21

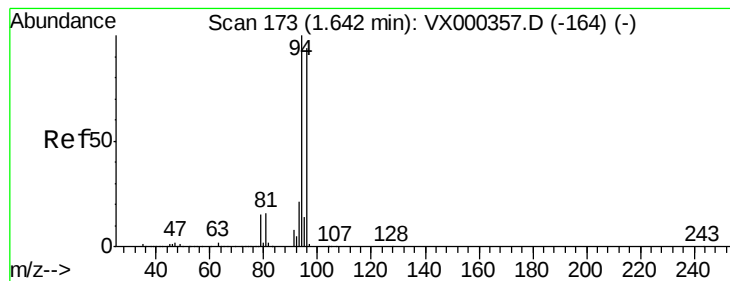
Tgt Ion: 62 Resp: 40532

Ion Ratio Lower Upper

62 100

64 28.7 24.8 37.2





#5

Bromomethane

Concen: 14.61 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

ClientSampled :

VX0327WBS01

Tot Ion: 94 Resp: 30993

Ion Ratio Lower Upper

94 100

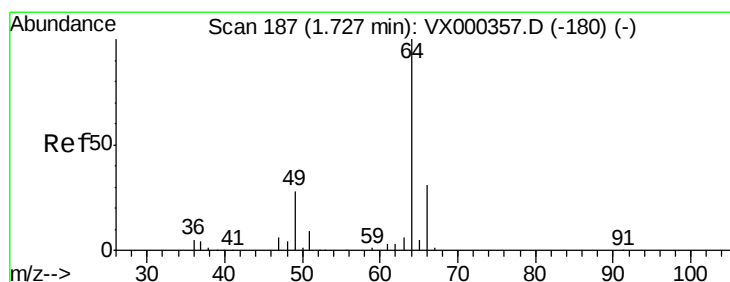
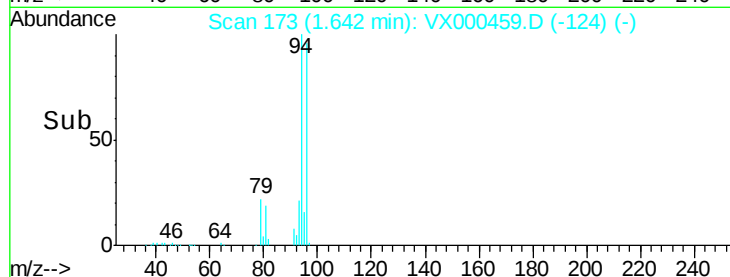
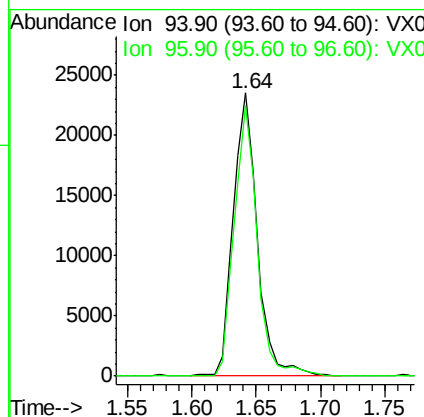
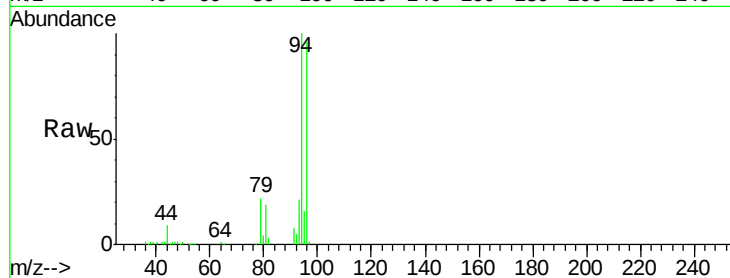
96 95.8 77.7 116.5

Manual Integrations

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#6

Chloroethane

Concen: 25.28 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000459.D

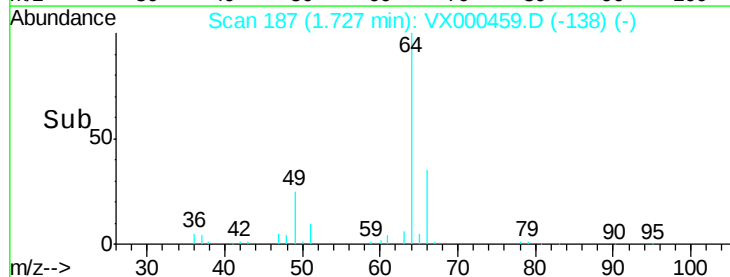
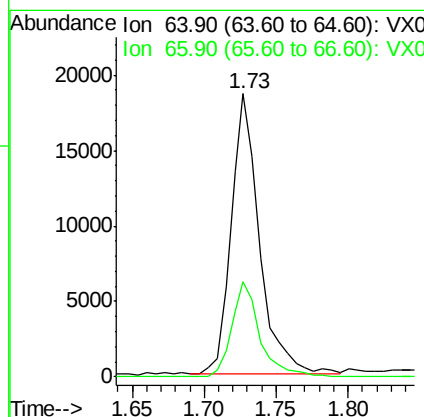
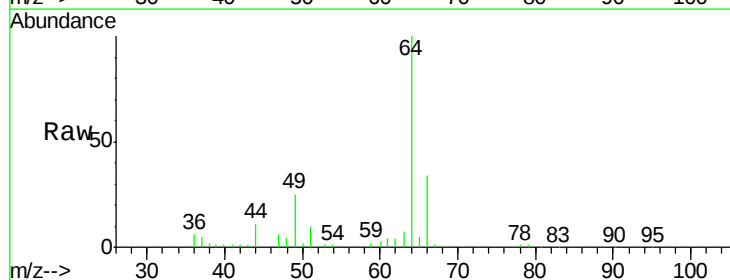
Acq: 27 Mar 2018 15:21

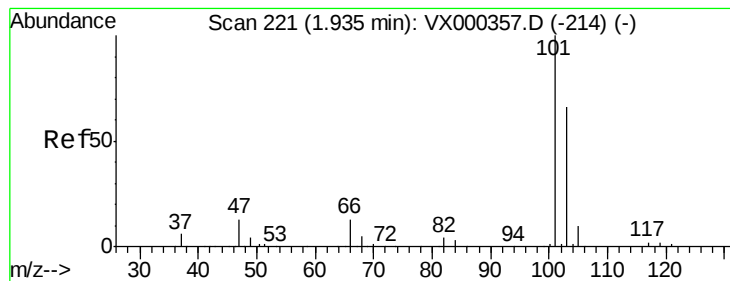
Tgt Ion: 64 Resp: 25435

Ion Ratio Lower Upper

64 100

66 34.2 24.8 37.2





#7

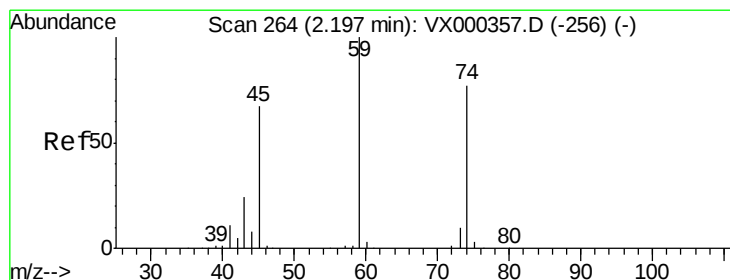
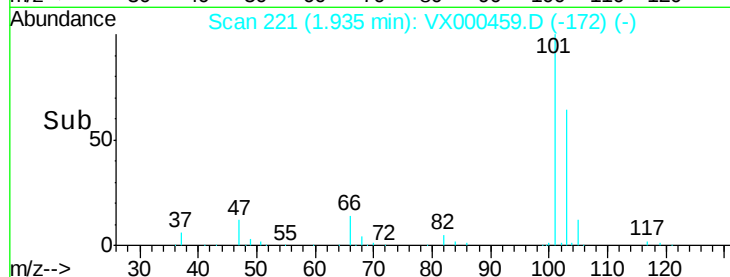
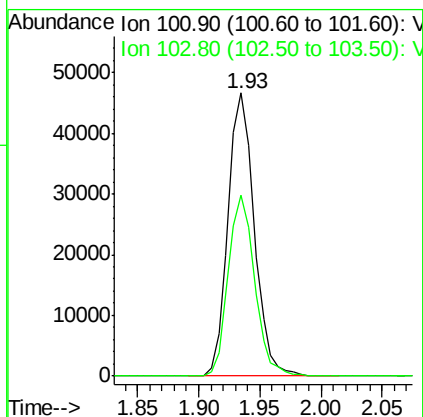
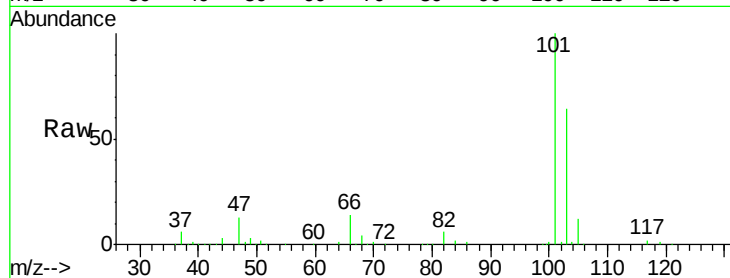
Trichlorofluoromethane
Concen: 21.61 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

Tot Ion:101 Resp: 69247
Ion Ratio Lower Upper
101 100
103 64.1 51.6 77.4

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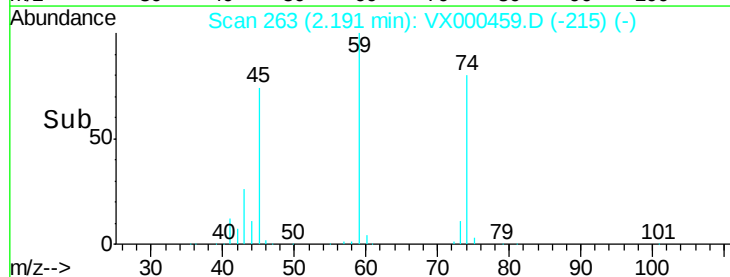
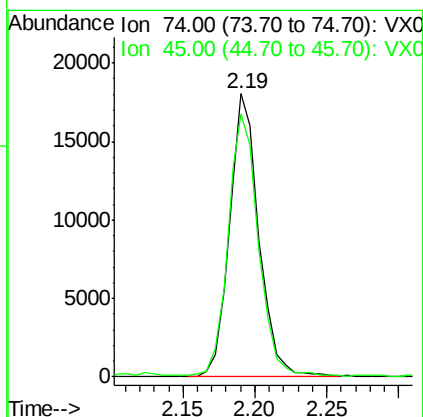
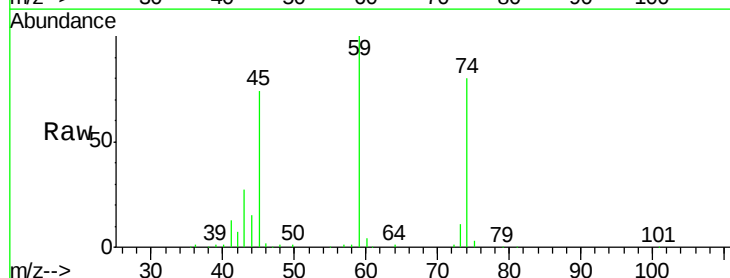
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3/28/2018 11:41:55 AM



#8

Diethyl Ether
Concen: 22.47 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Tgt Ion: 74 Resp: 25733
Ion Ratio Lower Upper
74 100
45 94.6 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.32 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

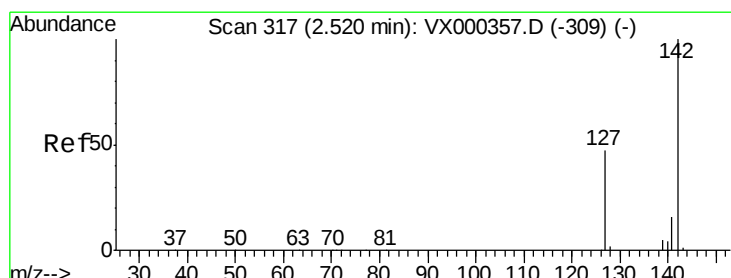
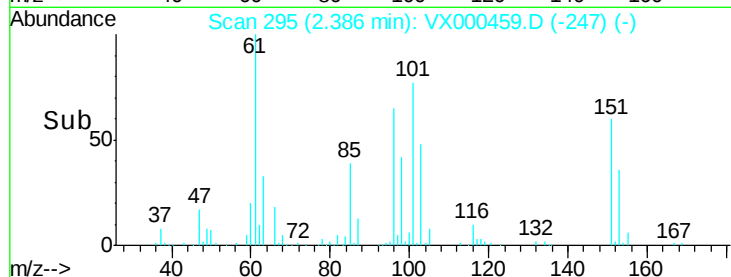
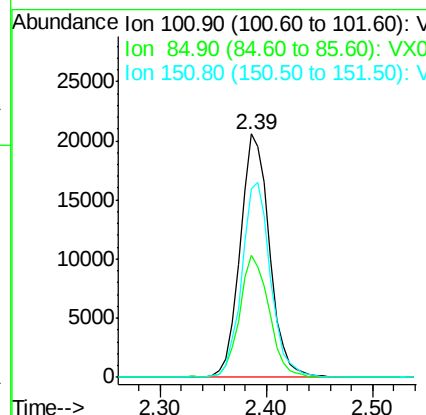
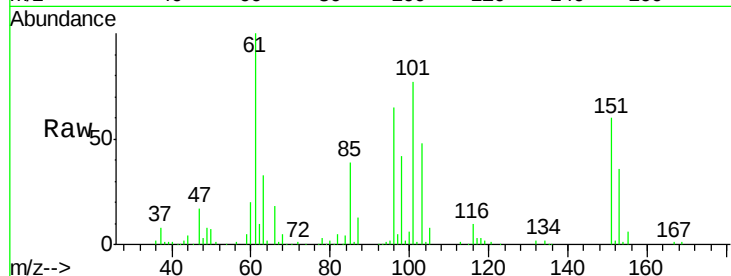
ClientSampleId :

VX0327WBS01

Tot Ion:	101	Resp:	39878
Ion Ratio	Lower	Upper	
101	100		
85	50.1	37.6	56.4
151	78.8	62.6	93.8

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#10

Methyl Iodide

Concen: 16.56 ug/l

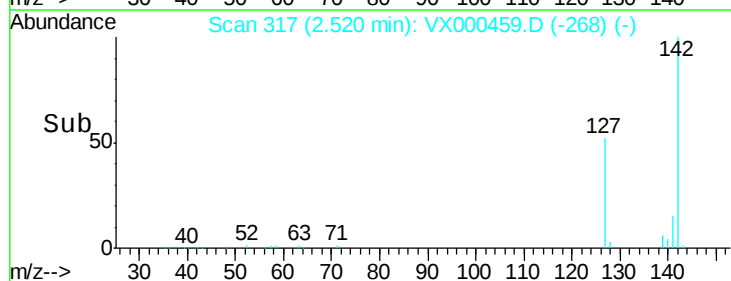
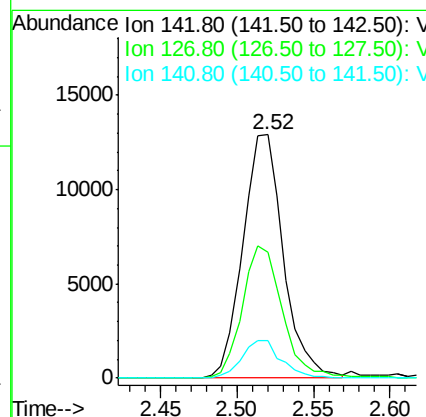
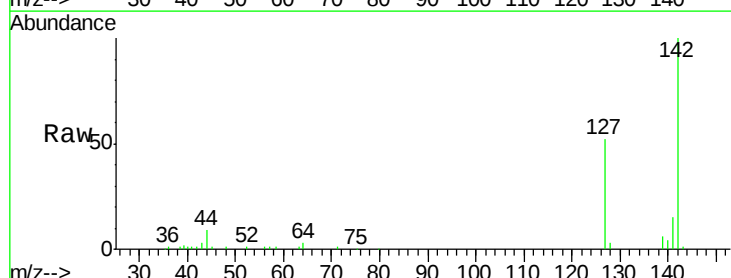
RT: 2.52 min Scan# 317

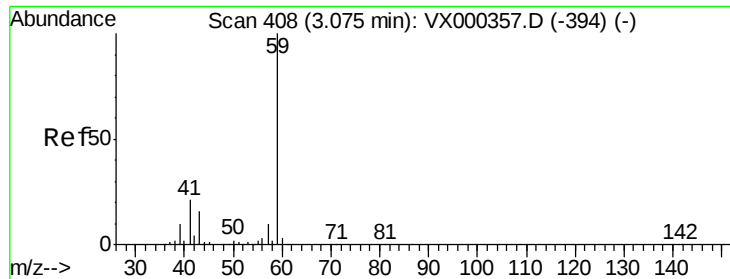
Delta R.T. 0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Tgt Ion:	142	Resp:	23780
Ion Ratio	Lower	Upper	
142	100		
127	53.4	39.2	58.8
141	15.2	11.7	17.5





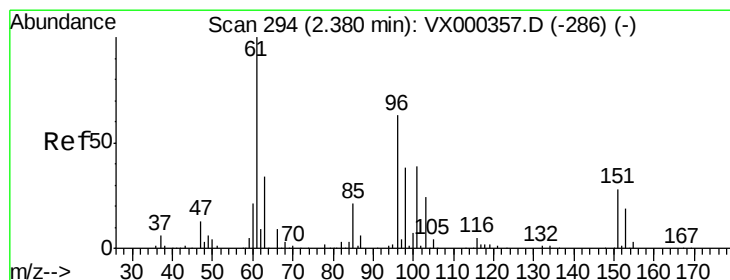
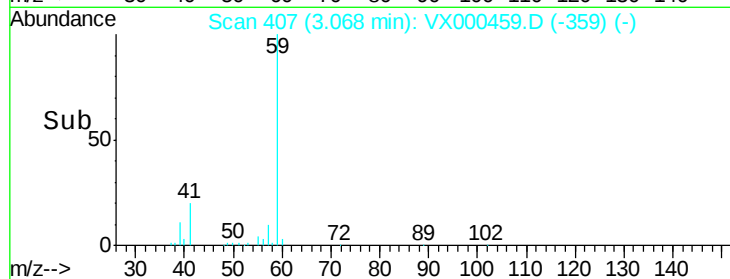
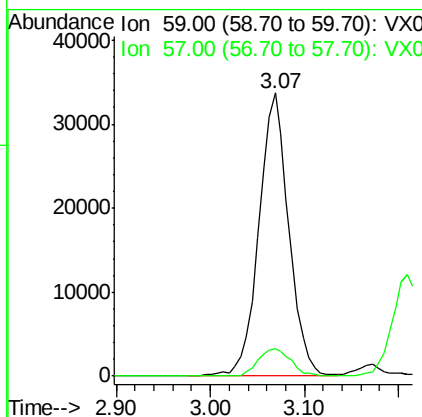
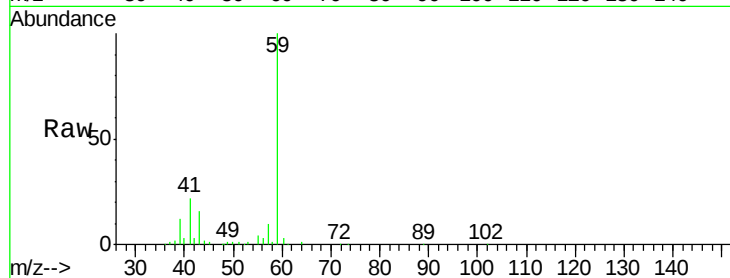
#11
Tert butyl alcohol
Concen: 115.88 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.6	8.4	12.6

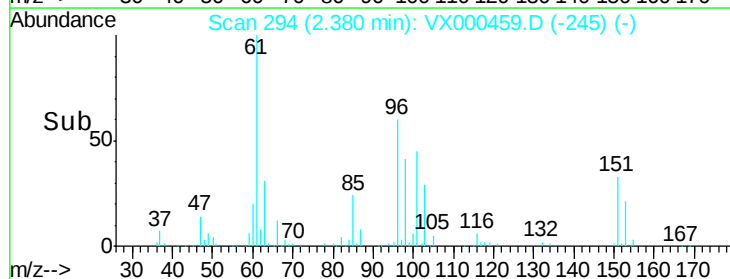
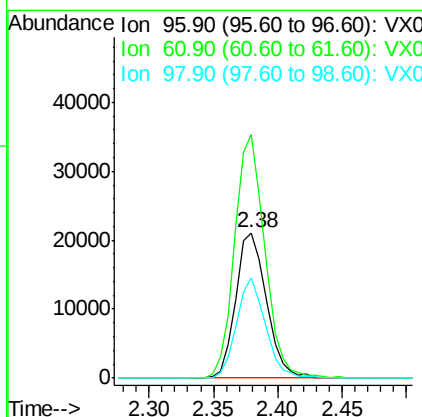
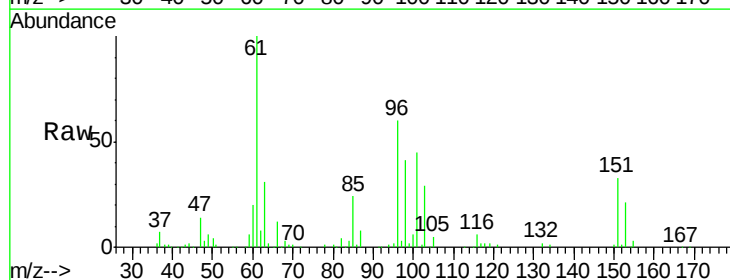
Manual Integrations
APPROVED

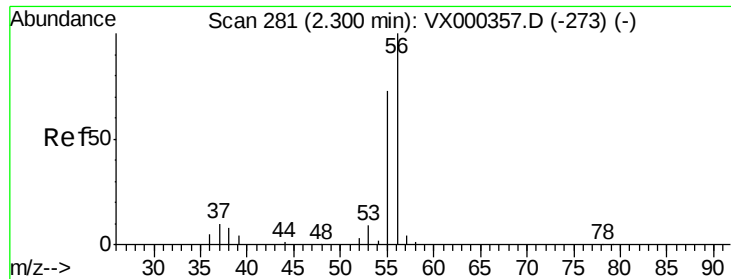
MMDadoda
3/28/2018 11:41:55 AM



#12
1,1-Dichloroethene
Concen: 22.32 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	167.7	131.2	196.8
98	98	69.5	49.8	74.8





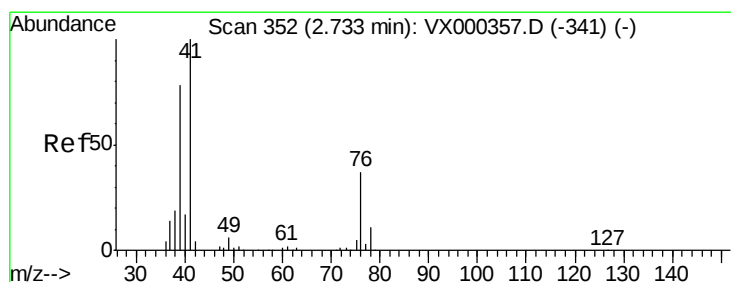
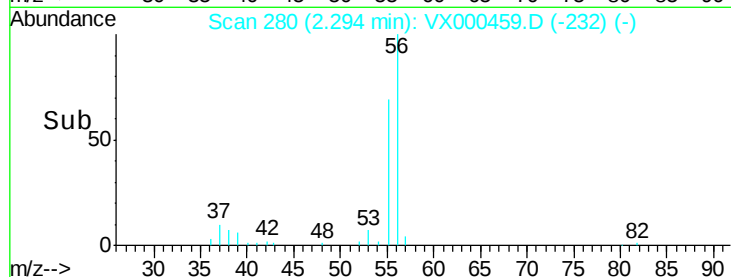
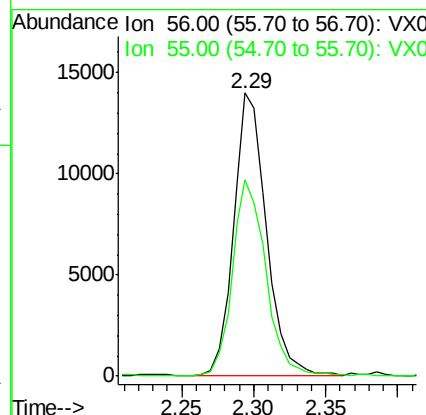
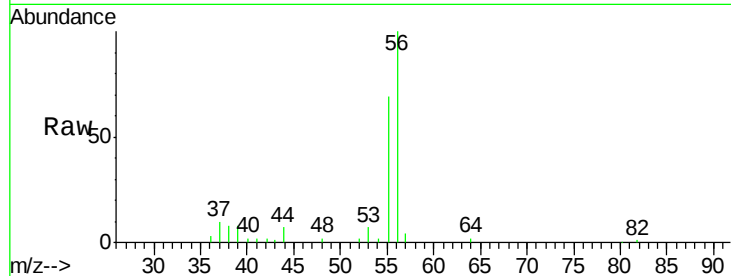
#13
Acrolein
Concen: 115.59 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

Tot Ion	56	55	Ratio	100	70.8	Resp	22254	Lower	58.8	Upper	88.2
Ion	56	55	Ratio	100	70.8	Resp	22254	Lower	58.8	Upper	88.2

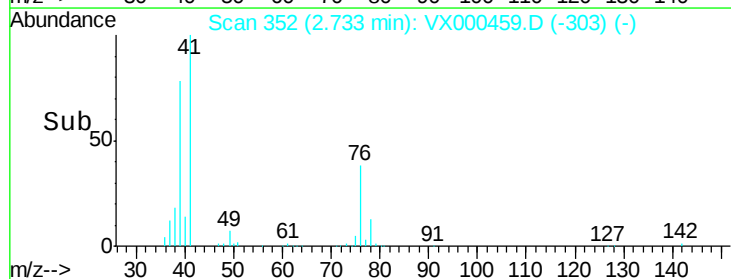
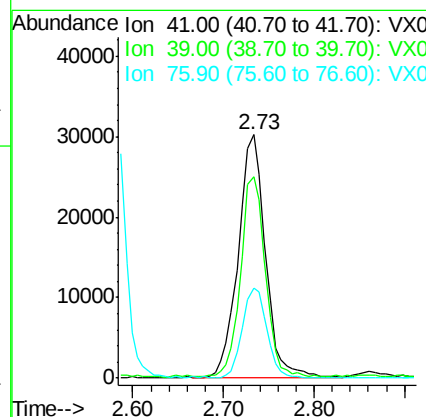
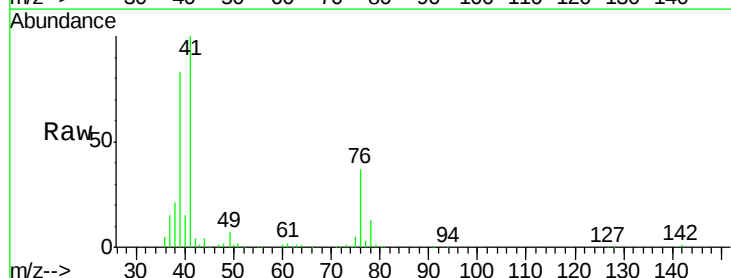
Manual Integrations
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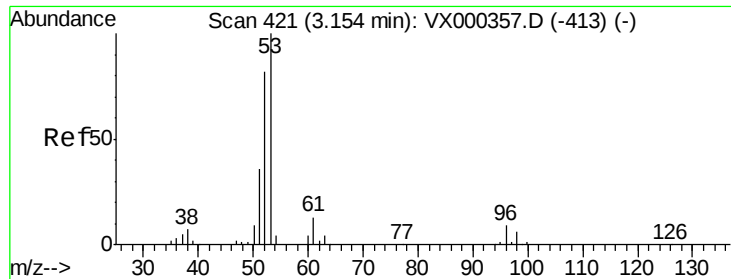
MMDadoda
3/28/2018 11:41:55 AM



#14
Allyl chloride
Concen: 22.78 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Tgt Ion	41	39	76	Ratio	100	74.7	33.5	Resp	63257	Lower	57.6	Upper	86.4	40.9
Ion	41	39	76	Ratio	100	74.7	33.5	Resp	63257	Lower	57.6	Upper	86.4	40.9





#15

Acrylonitrile

Concen: 110.77 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

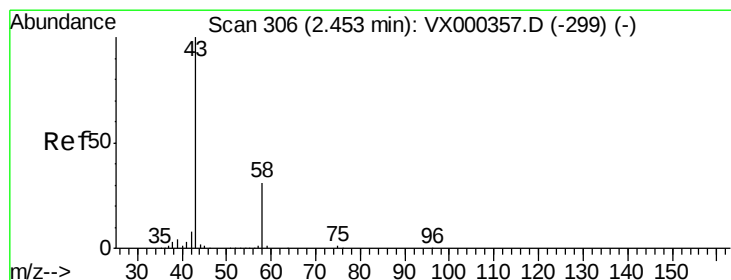
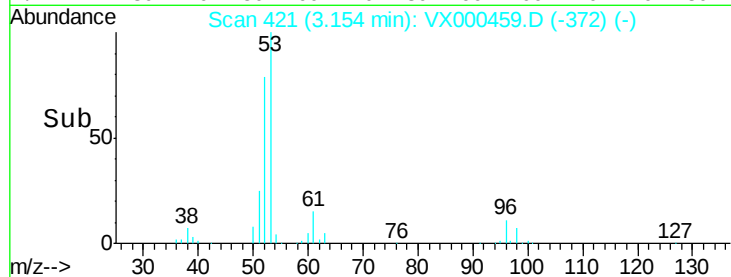
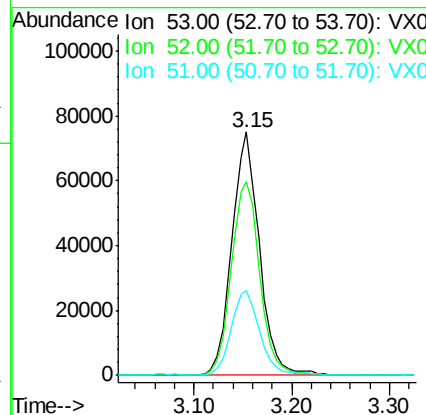
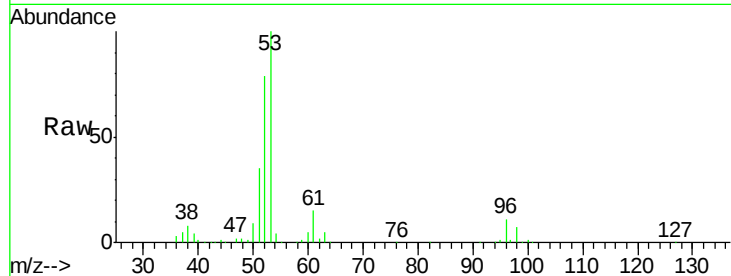
ClientSampleId :

VX0327WBS01

Tot Ion:	53	Resp:	145775
Ion Ratio	Lower	Upper	
53	100		
52	82.6	66.6	99.8
51	37.1	29.3	43.9

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#16

Acetone

Concen: 113.17 ug/l

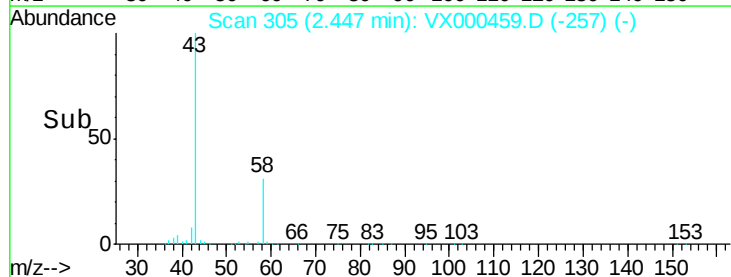
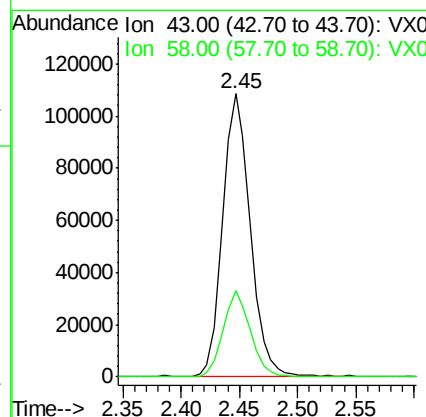
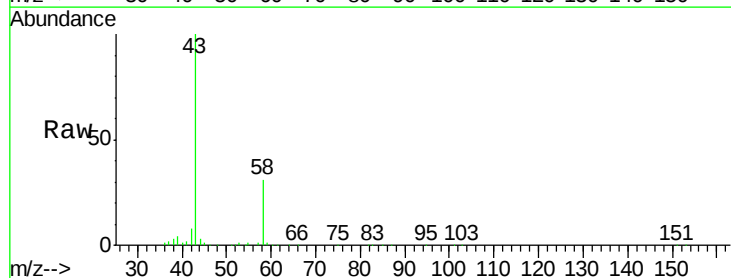
RT: 2.45 min Scan# 305

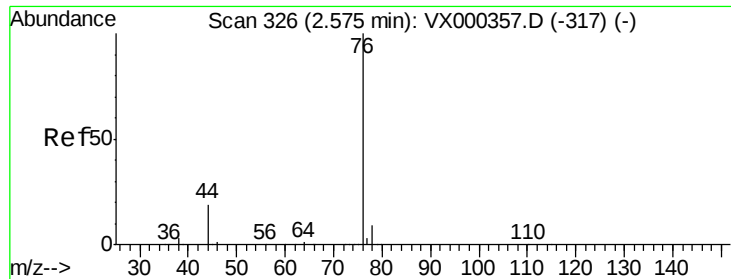
Delta R.T. -0.01 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Tgt Ion:	43	Resp:	177838
Ion Ratio	Lower	Upper	
43	100		
58	30.5	24.7	37.1





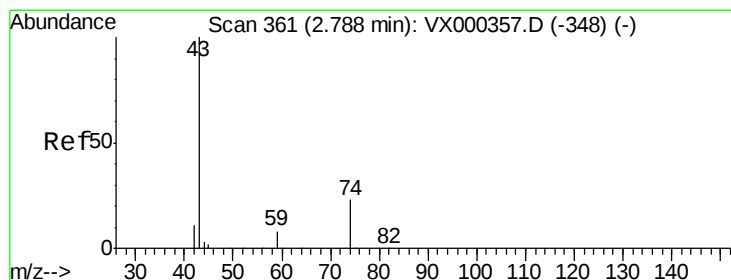
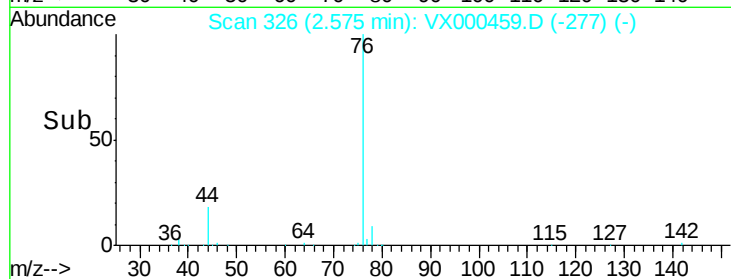
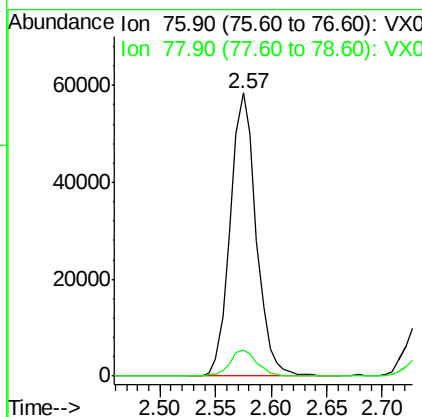
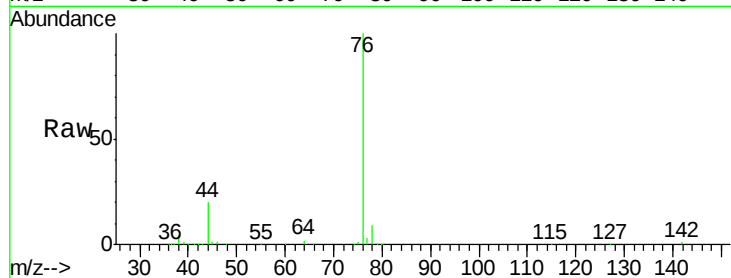
#17
Carbon Disulfide
Concen: 22.69 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

Tot Ion	76	Resp	94662
Ion Ratio	Lower	Upper	
76	100		
78	9.1	7.0	10.6

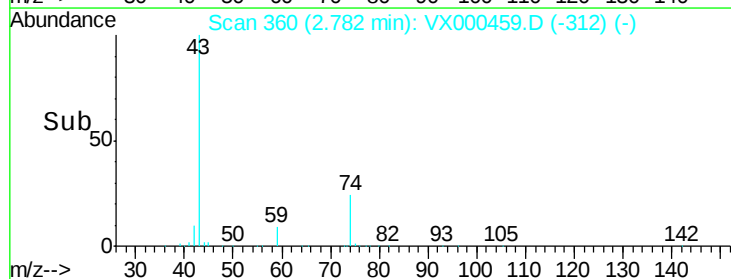
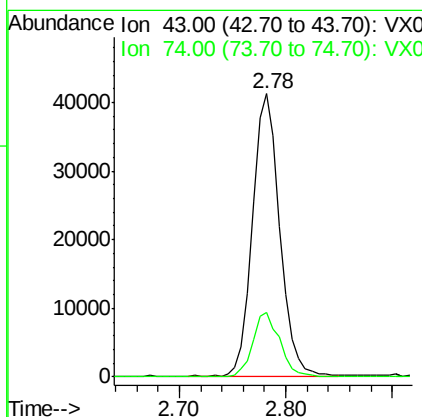
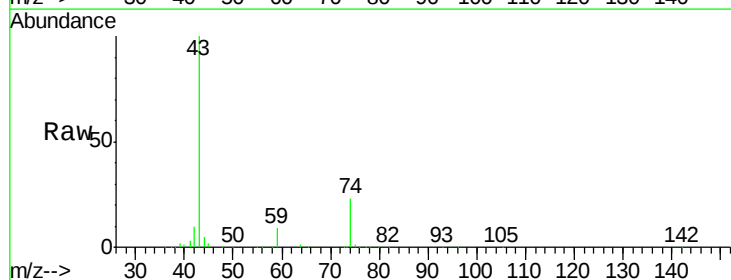
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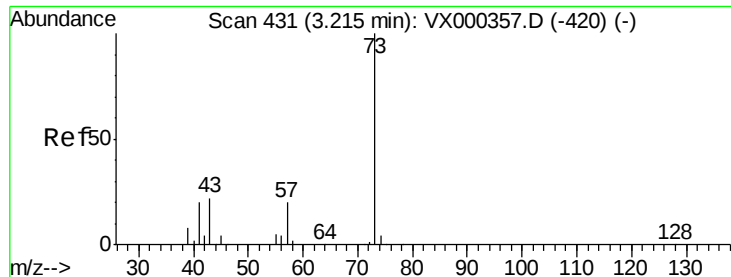
MMDadoda
3/28/2018 11:41:55 AM



#18
Methyl Acetate
Concen: 22.54 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Tgt Ion	43	Resp	74263
Ion Ratio	Lower	Upper	
43	100		
74	22.4	19.4	29.2





#19

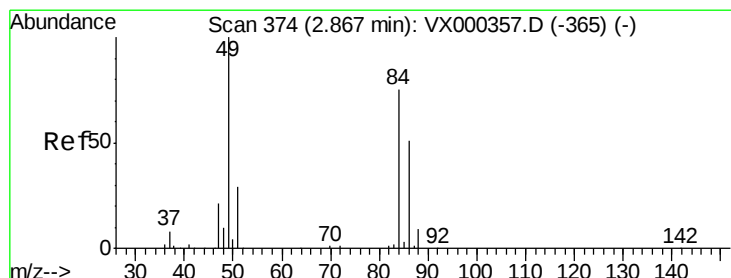
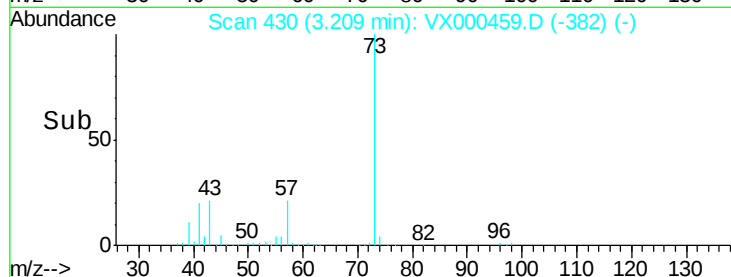
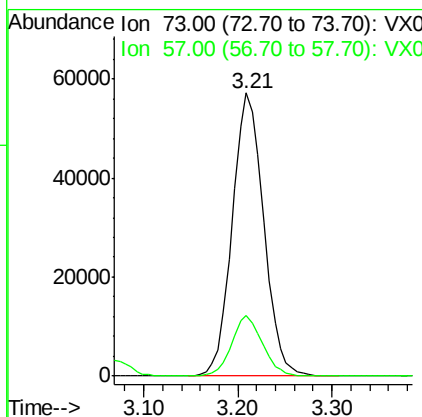
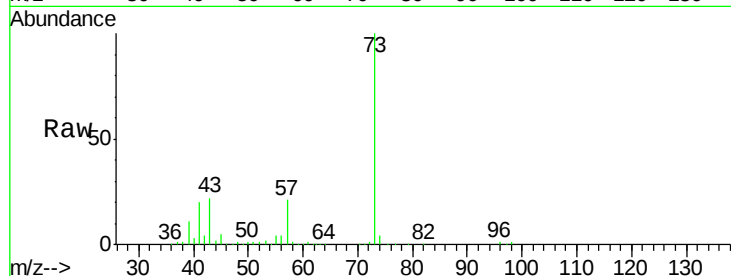
Methyl tert-butyl Ether
 Concen: 22.81 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	17.2	25.8

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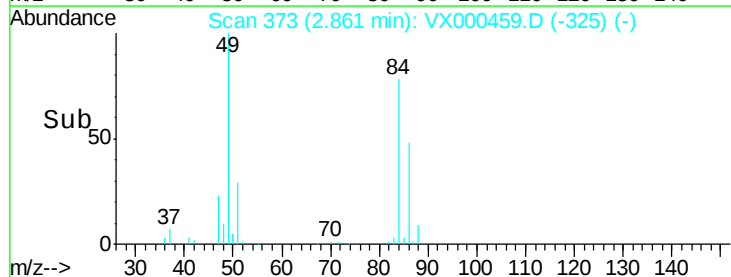
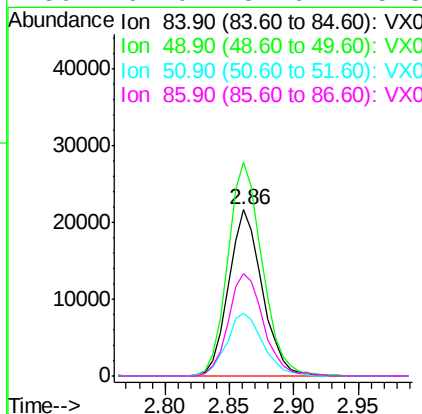
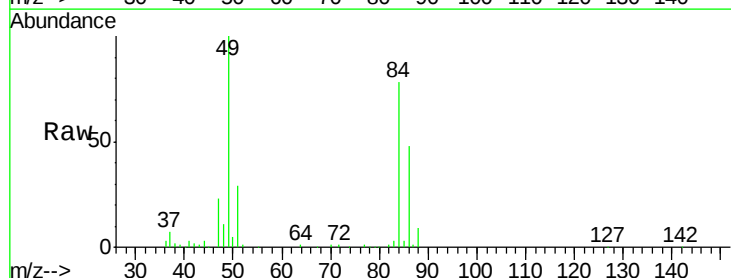
MM Dadoda
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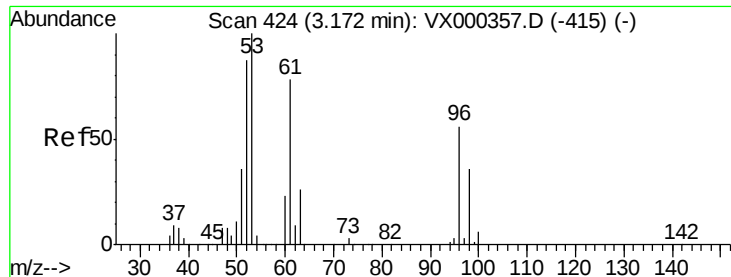


#20

Methylene Chloride
 Concen: 21.80 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.7	100.6	151.0
51	37.9	31.6	47.4
86	62.0	52.6	78.8





#21

trans-1,2-Dichloroethene

Concen: 21.56 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS01

Tot Ion: 96 Resp: 37718

Ion Ratio Lower Upper

96 100

61 134.4 104.0 156.0

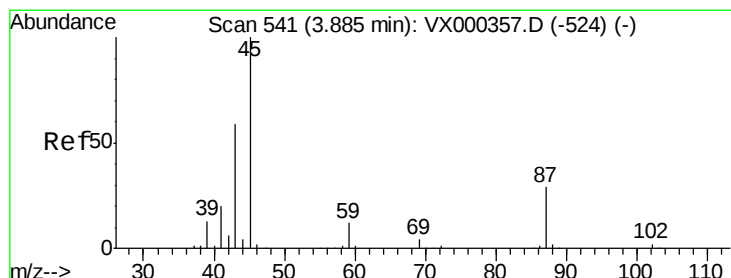
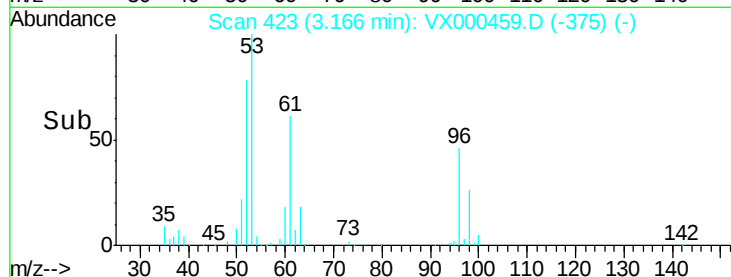
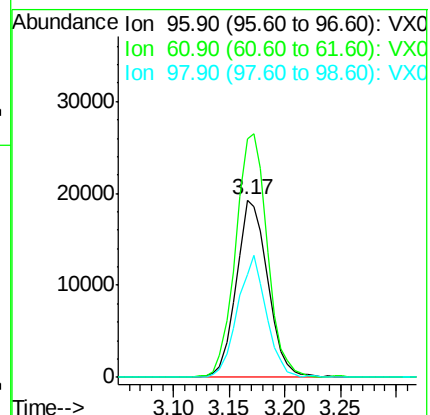
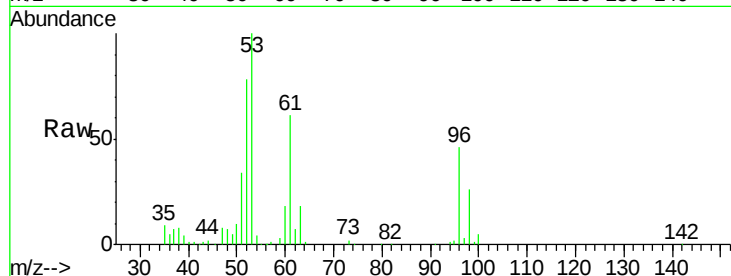
98 58.1 52.1 78.1

Manual Integrations

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#22

Diisopropyl ether

Concen: 25.28 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Tgt Ion: 45 Resp: 123973

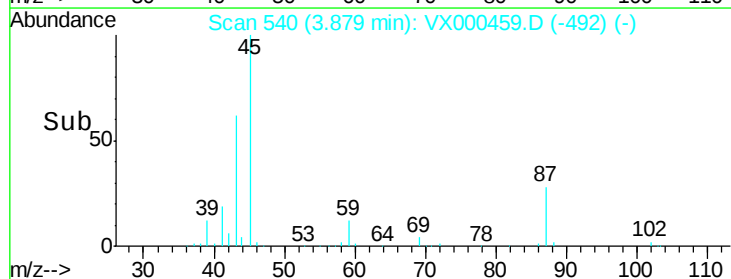
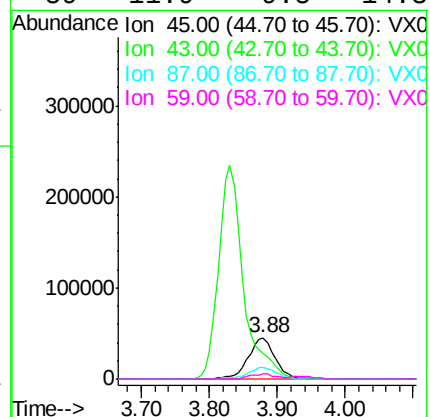
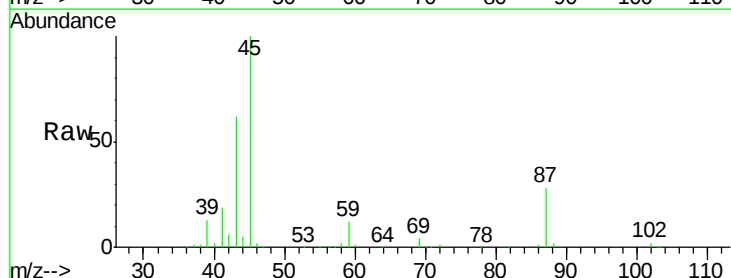
Ion Ratio Lower Upper

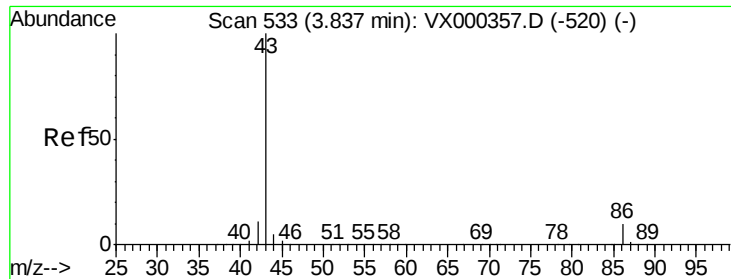
45 100

43 61.5 53.9 80.9

87 27.6 22.6 34.0

59 11.9 9.5 14.3





#23

Vinyl Acetate

Concen: 129.19 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

ClientSampled :

VX0327WBS01

Tot Ion: 43 Resp: 600540

Ion Ratio Lower Upper

43 100

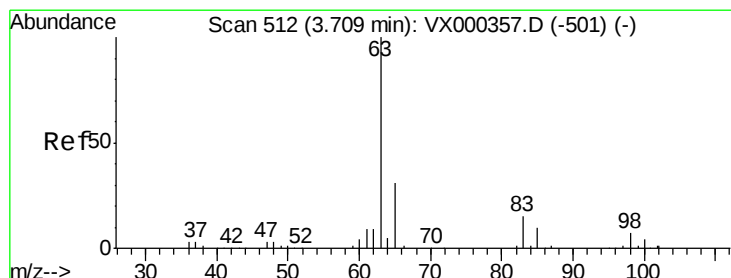
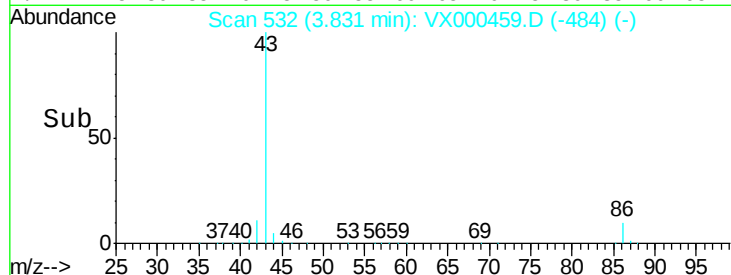
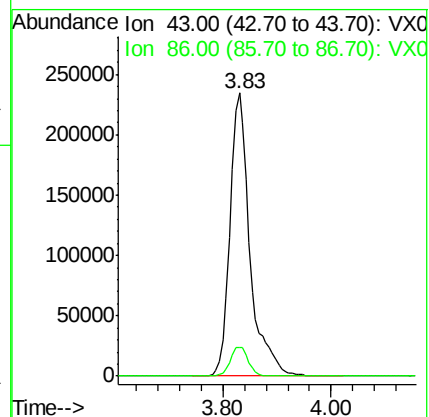
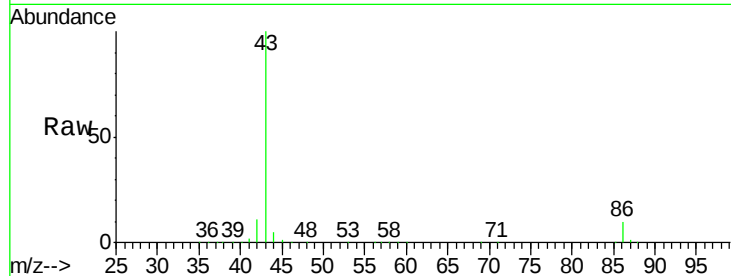
86 10.0 8.6 12.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 22.93 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

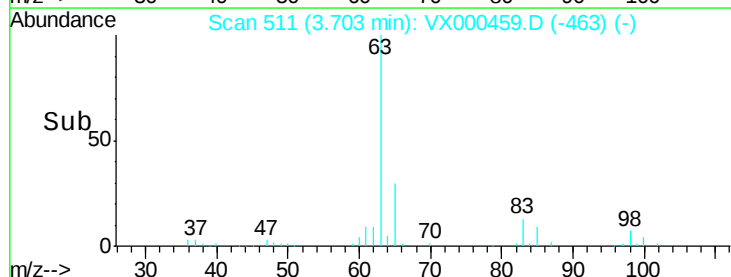
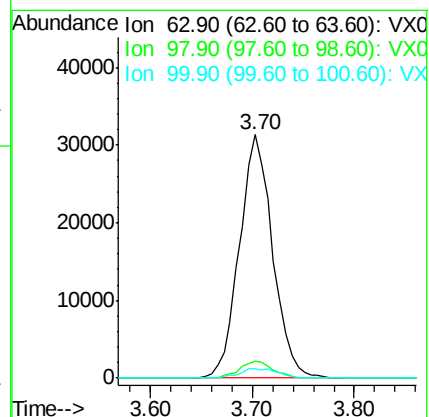
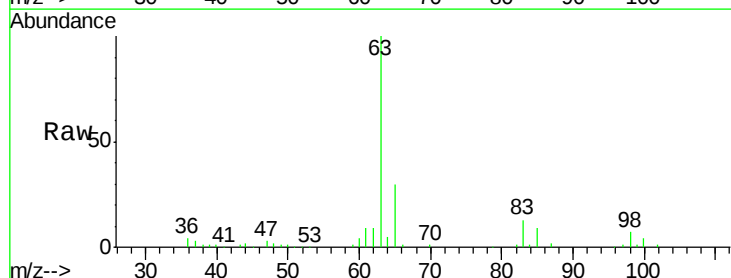
Tgt Ion: 63 Resp: 70704

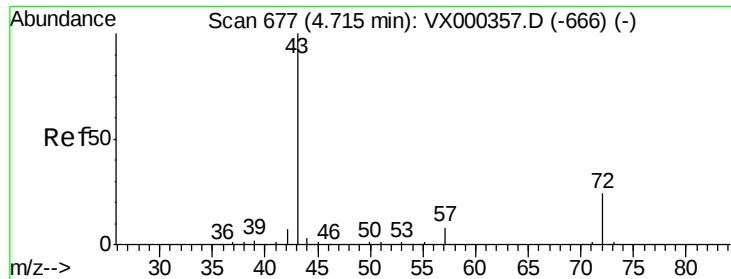
Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.9

100 3.6 2.0 5.8





#25

2-Butanone

Concen: 110.49 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS01

Tot Ion: 43 Resp: 195166

Ion Ratio Lower Upper

43 100

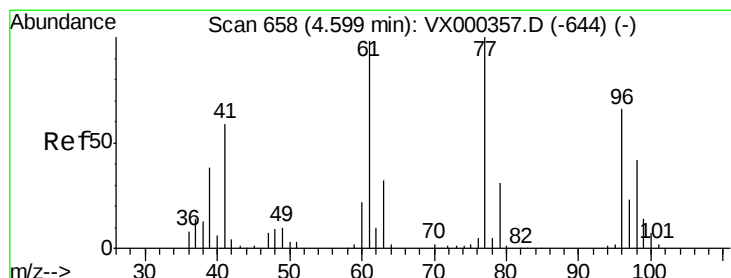
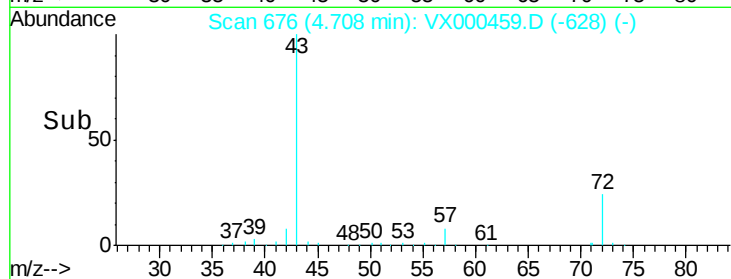
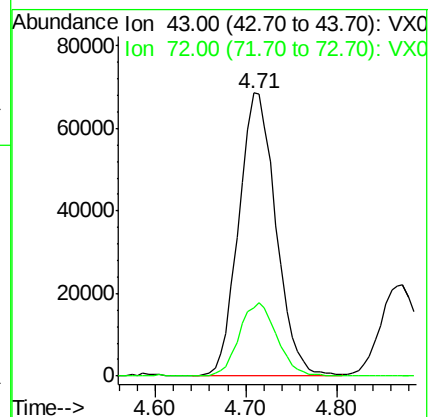
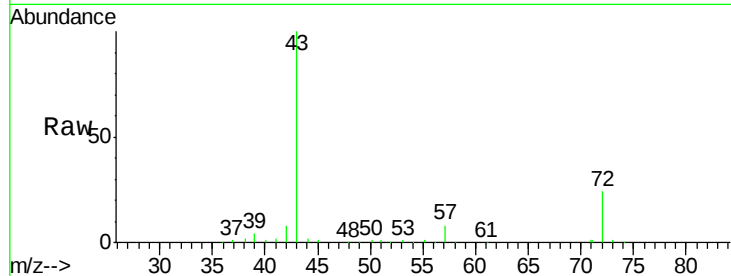
72 24.3 21.0 31.6

Manual Integrations

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3/28/2018 11:41:55 AM



#26

2,2-Dichloropropane

Concen: 20.99 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX000459.D

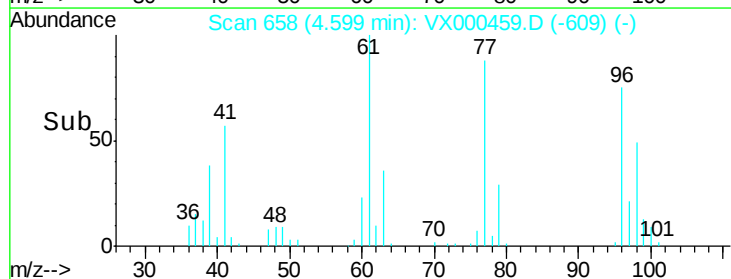
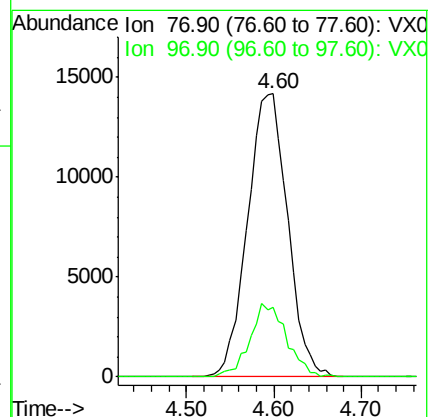
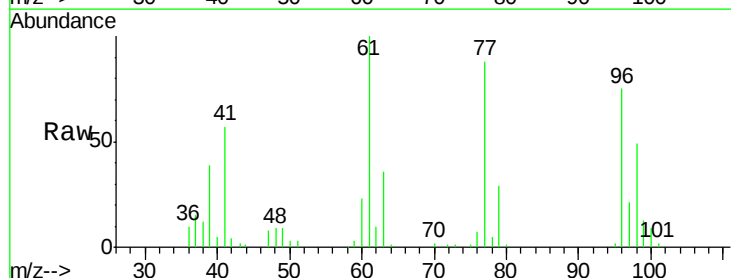
Acq: 27 Mar 2018 15:21

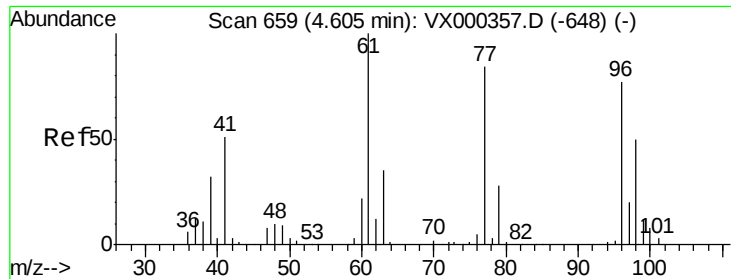
Tgt Ion: 77 Resp: 45360

Ion Ratio Lower Upper

77 100

97 23.5 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 22.12 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

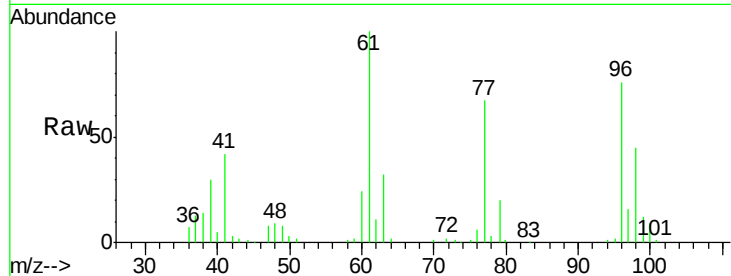
ClientSampleId :

VX0327WBS01

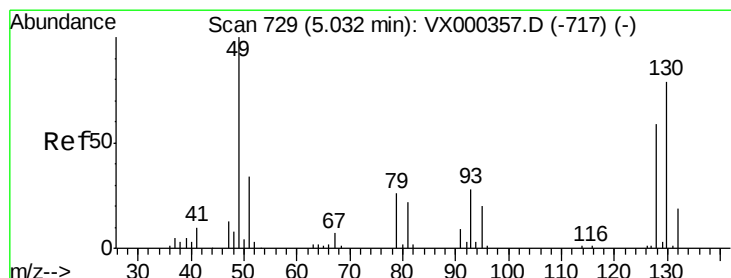
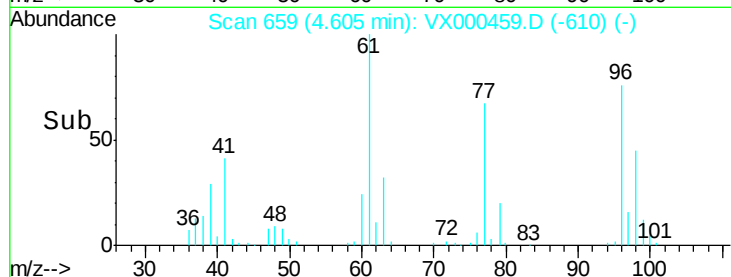
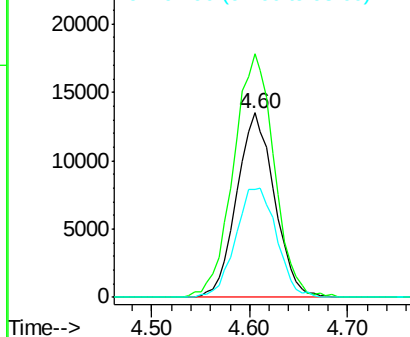
Tot Ion:	96	Resp:	36181
Ion	Ratio	Lower	Upper
96	100		
61	141.7	0.0	291.6
98	64.2	0.0	132.0

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



#28

Bromochloromethane

Concen: 20.09 ug/l

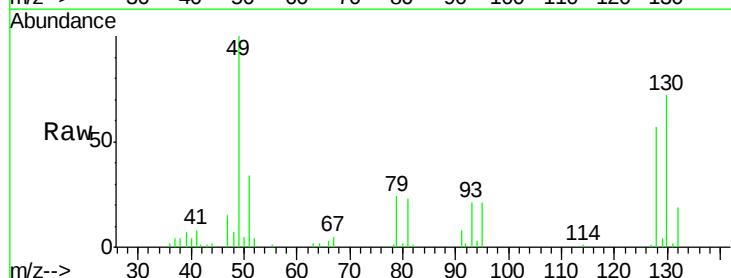
RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

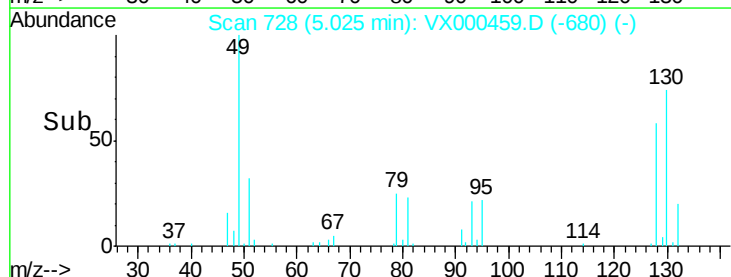
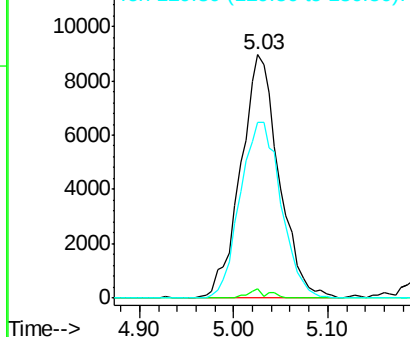
Lab File: VX000459.D

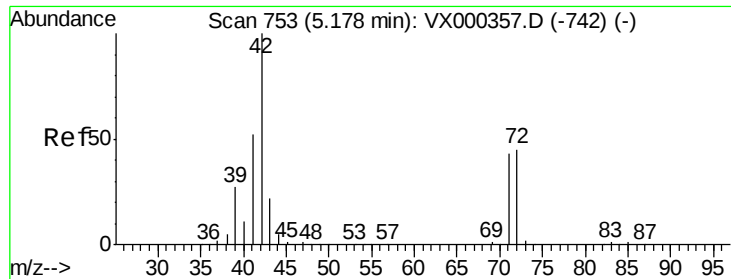
Acq: 27 Mar 2018 15:21

Tgt Ion:	49	Resp:	25539
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	5.0
130	76.8	64.0	96.0



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





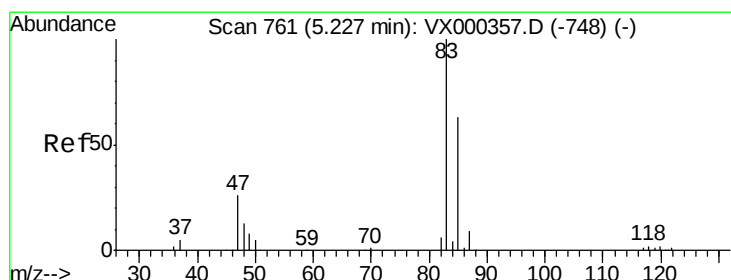
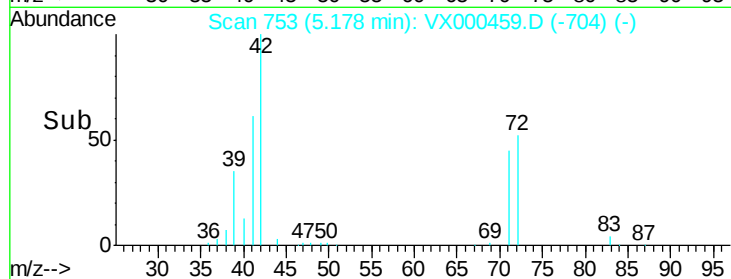
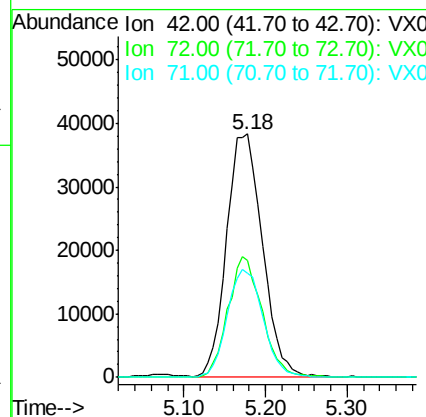
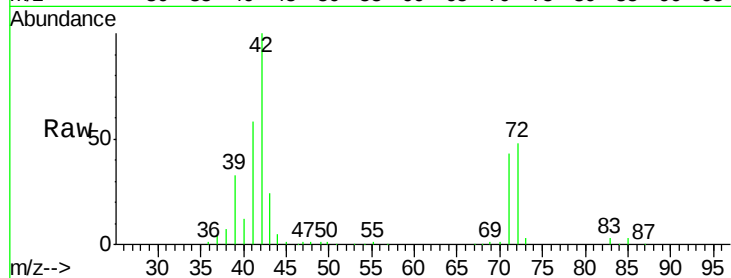
#29
Tetrahydrofuran
Concen: 107.56 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.1	37.9	56.9
71	44.3	34.4	51.6

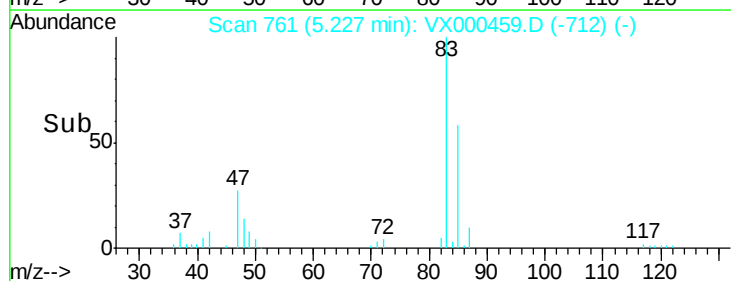
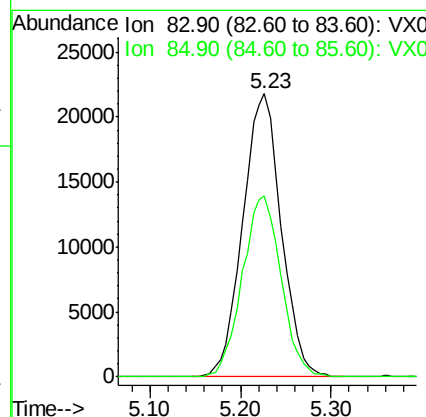
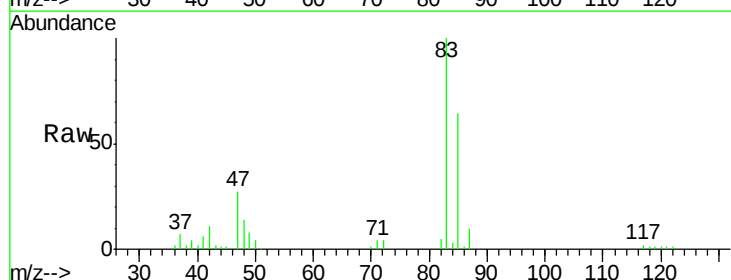
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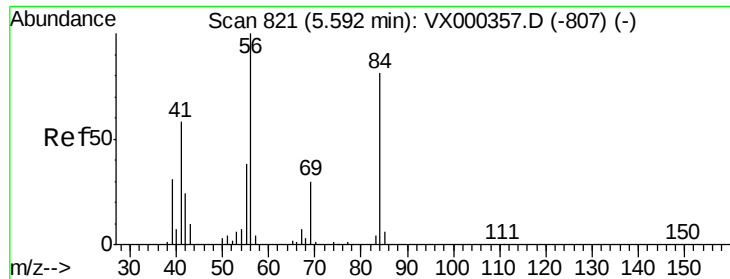
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#30
Chloroform
Concen: 22.11 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	53.3	79.9





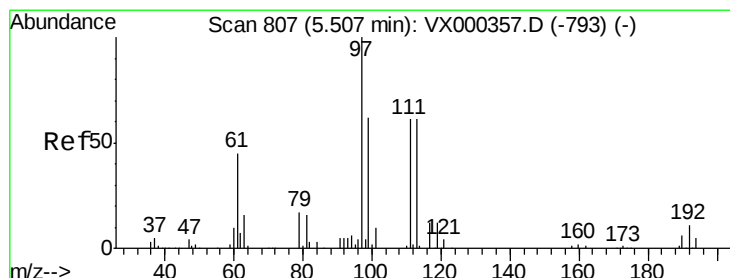
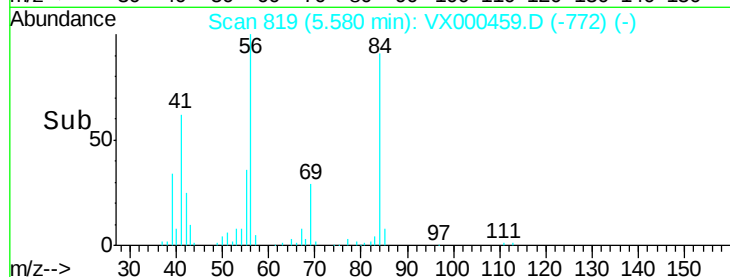
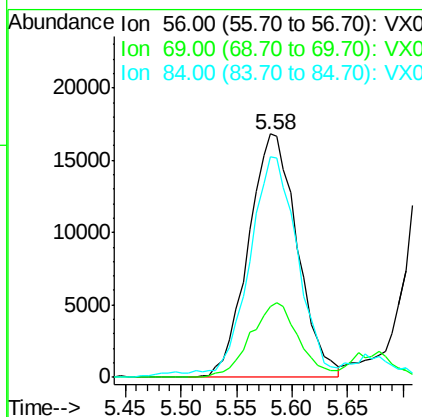
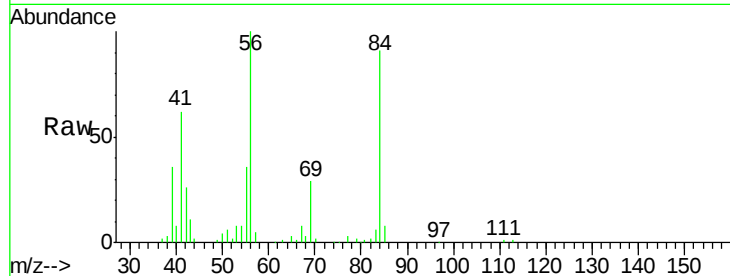
#31
Cyclohexane
Concen: 21.53 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.7	23.4	35.0
84	88.7	71.0	106.4

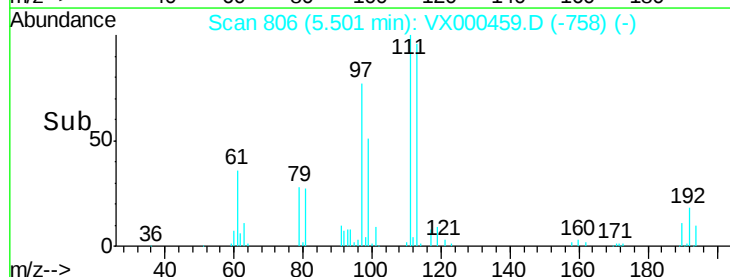
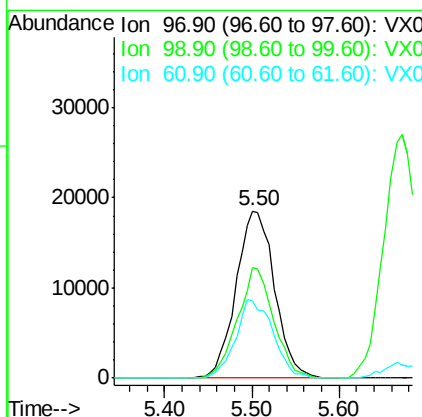
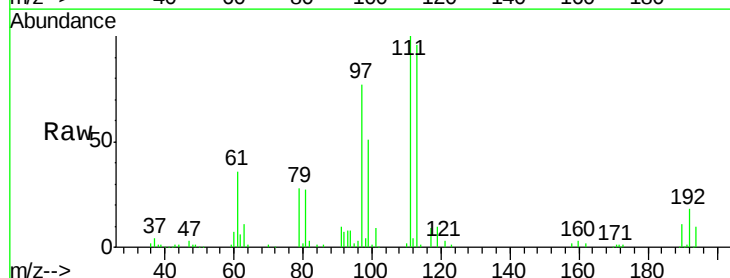
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#32
1,1,1-Trichloroethane
Concen: 21.71 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.3	52.1	78.1
61	45.7	36.2	54.4





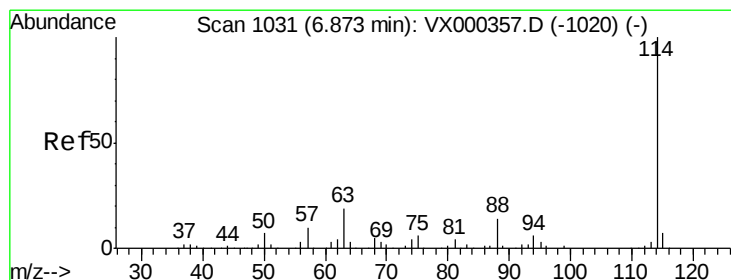
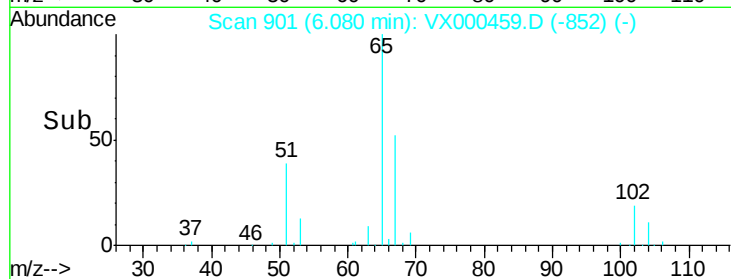
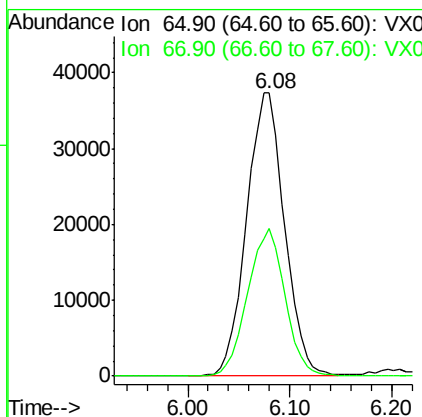
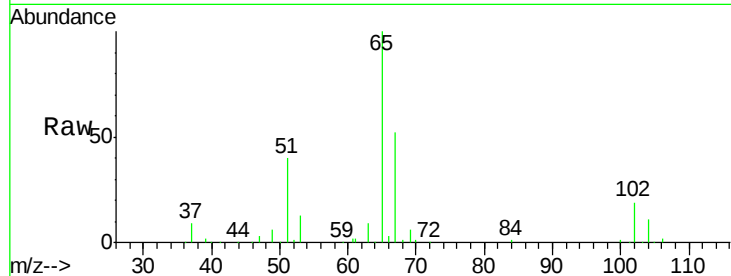
#33
 1,2-Dichloroethane-d4
 Concen: 51.15 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	96625		
67	51.4	0.0	103.2	

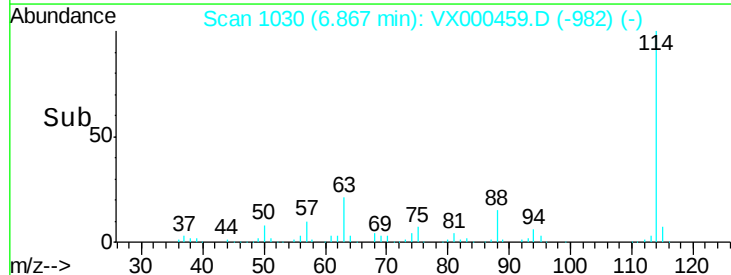
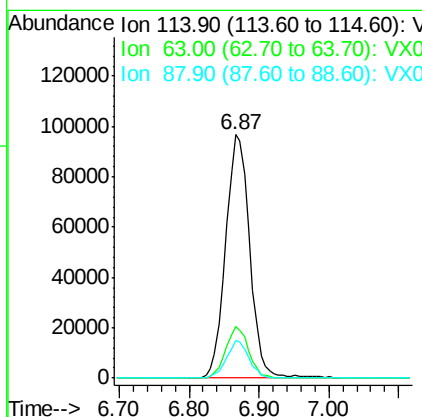
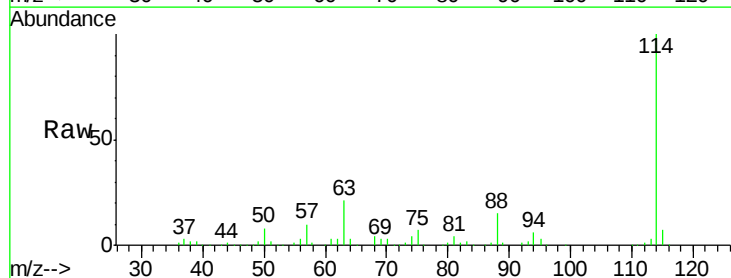
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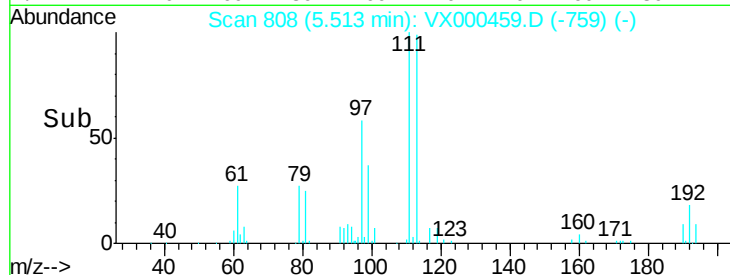
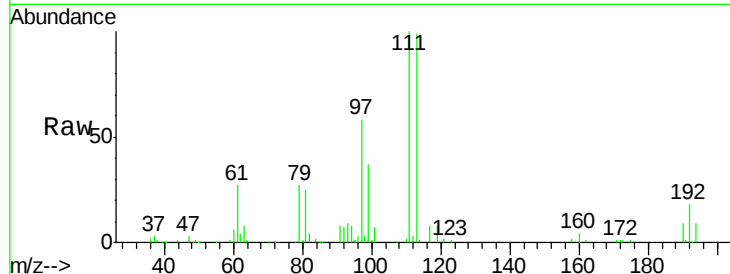
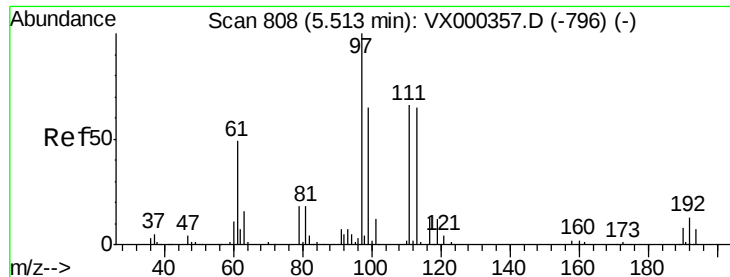
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	232297		
63	21.0	0.0	38.4	
88	15.3	0.0	27.0	





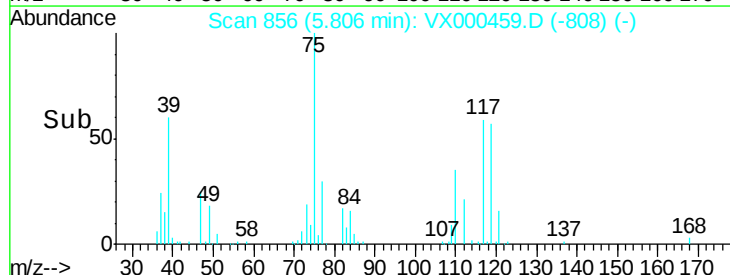
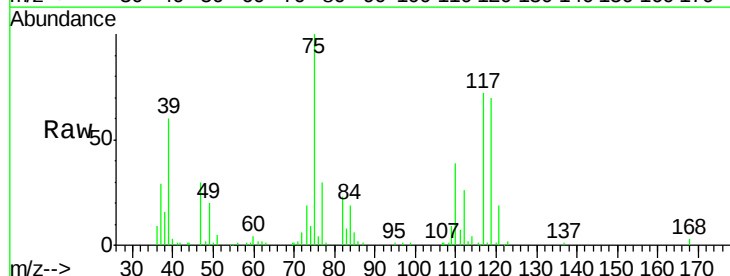
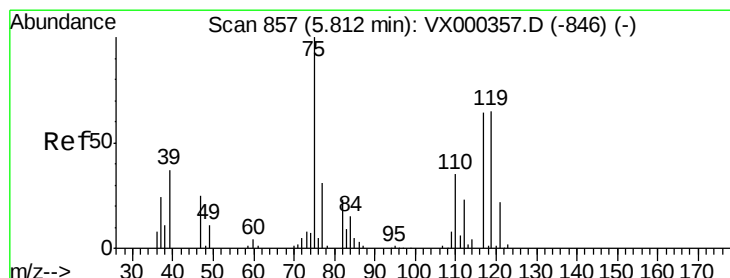
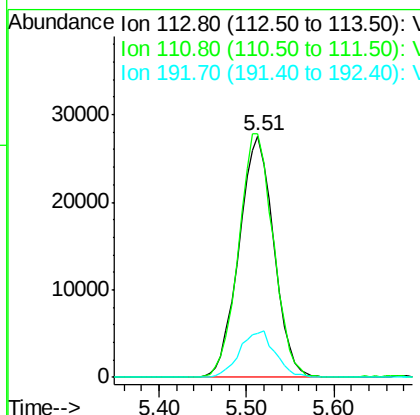
#35
Dibromofluoromethane
Concen: 52.00 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Tot Ion	Ratio	Resp	Lower	Upper
113	100	76112		
111	100.9	82.4	123.6	
192	19.4	15.8	23.6	

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

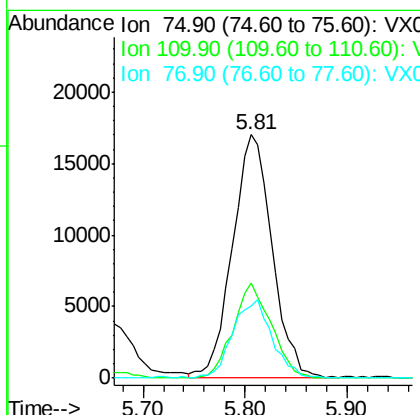
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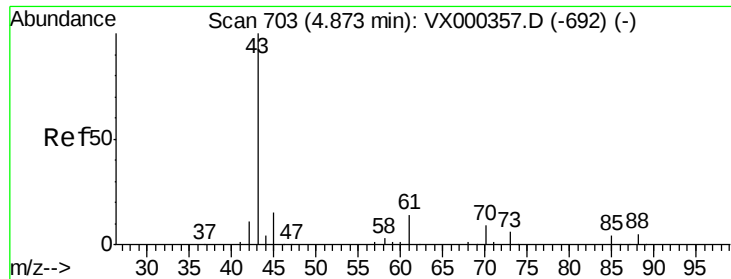
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#36
1,1-Dichloropropene
Concen: 21.13 ug/l
RT: 5.81 min Scan# 856
Delta R.T. -0.01 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	45985		
110	37.3	17.9	53.7	
77	31.9	24.0	36.0	





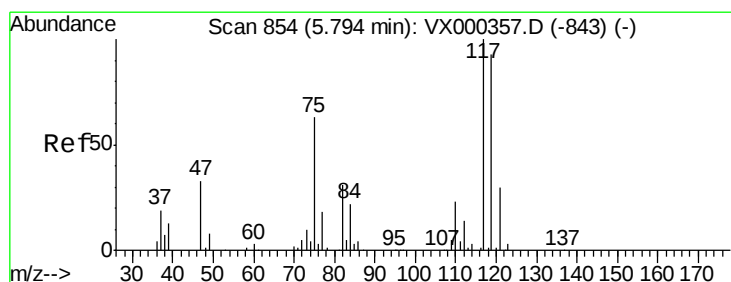
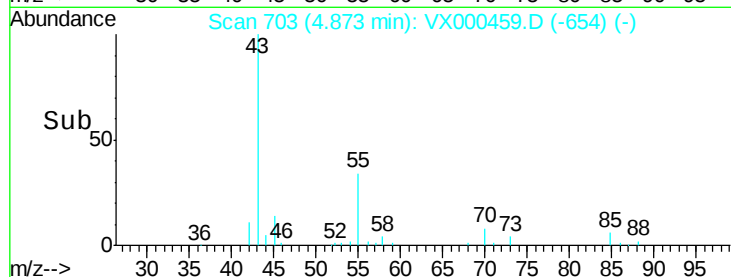
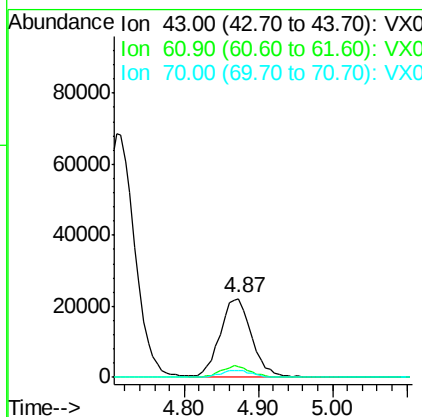
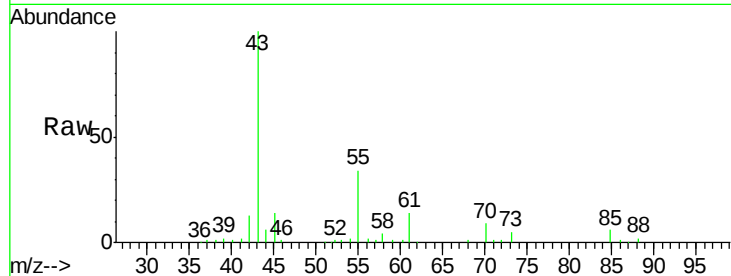
#37
Ethyl Acetate
Concen: 21.93 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.1	16.7
70	8.8	7.7	11.5

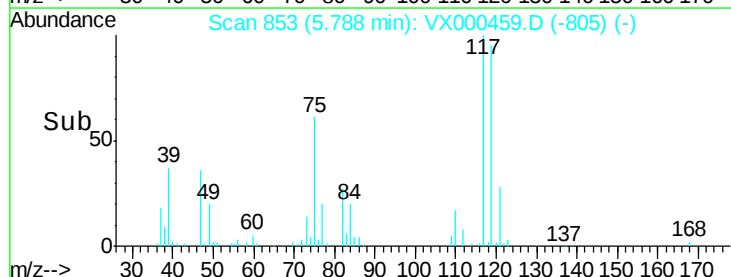
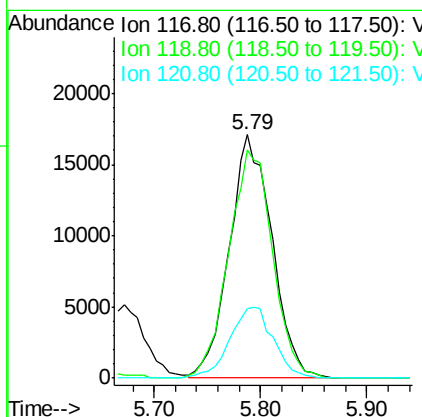
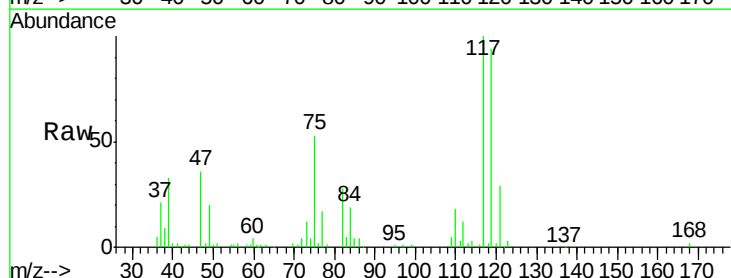
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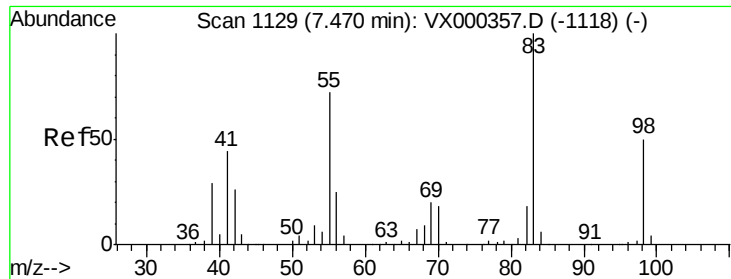
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#38
Carbon Tetrachloride
Concen: 21.04 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	77.4	116.2
121	28.7	24.8	37.2





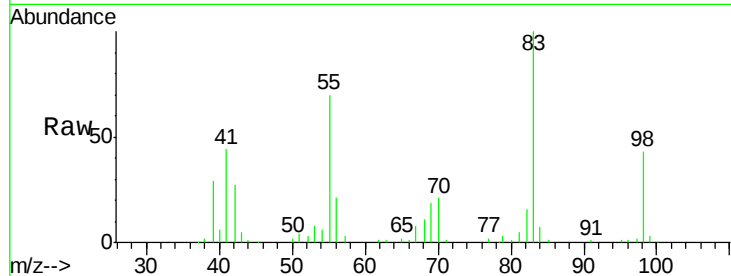
#39
Methvlcvclohexane
Concen: 22.49 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

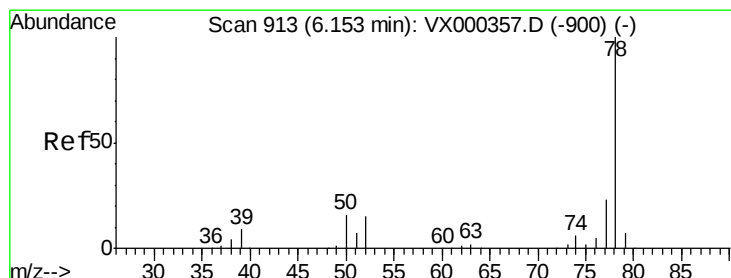
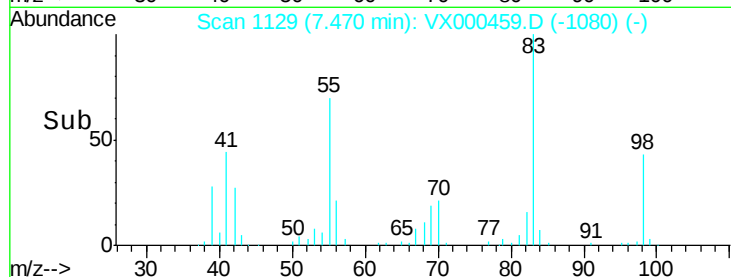
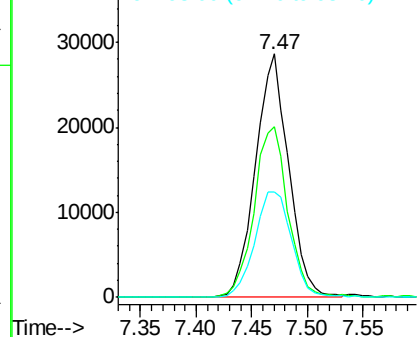
Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	70.3		55.5	83.3
98	43.4		38.2	57.4

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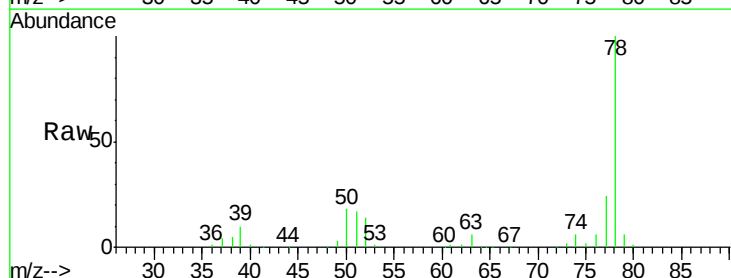


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

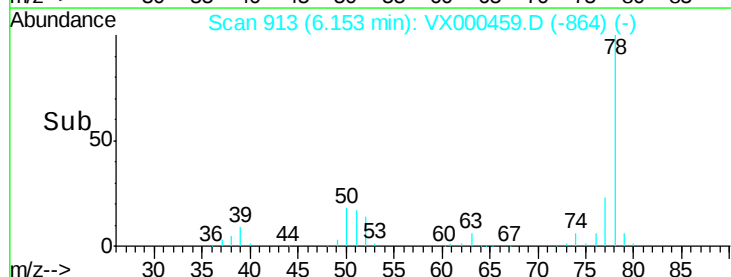
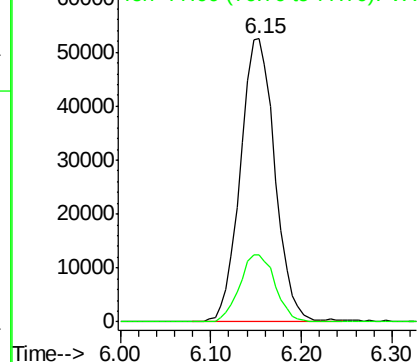


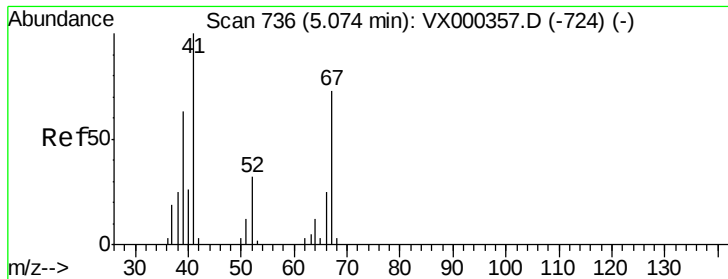
#40
Benzene
Concen: 21.97 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.8		18.7	28.1



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 21.72 ug/l

RT: 5.07 min Scan# 736

Delta R.T. -0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

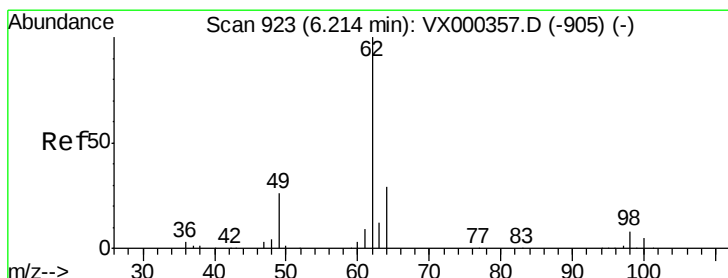
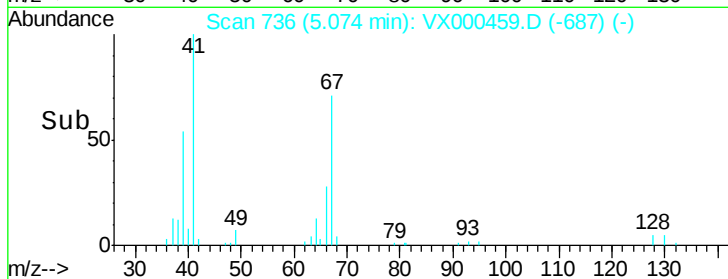
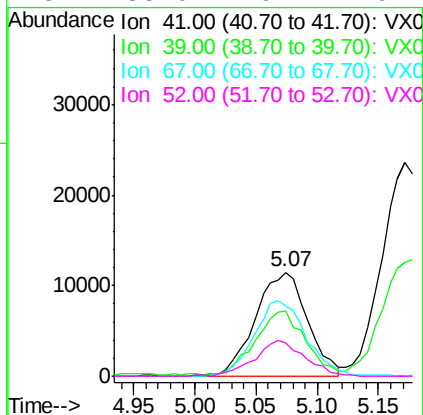
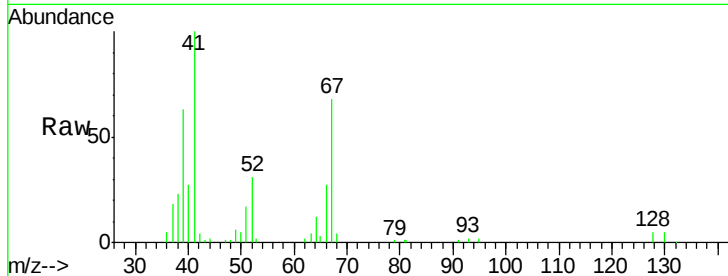
ClientSampleId :

VX0327WBS01

Tot Ion:	41	Resp:	34031
Ion	Ratio	Lower	Upper
41	100		
39	58.2	45.7	68.5
67	72.5	57.8	86.8
52	33.0	26.7	40.1

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#42

1,2-Dichloroethane

Concen: 22.53 ug/l

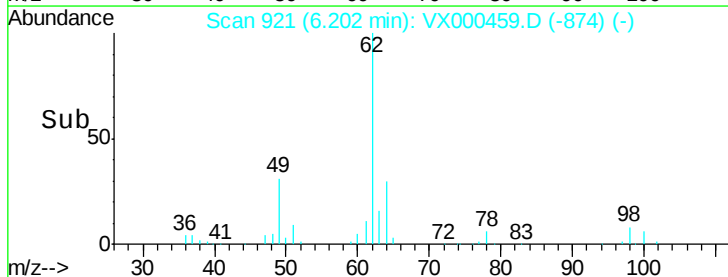
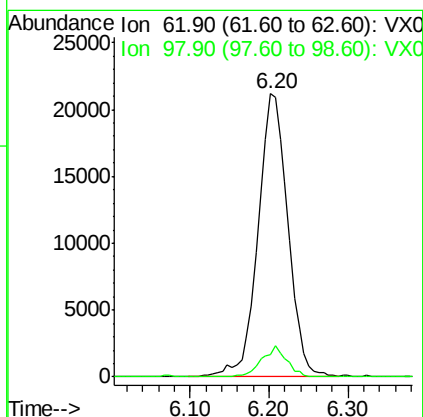
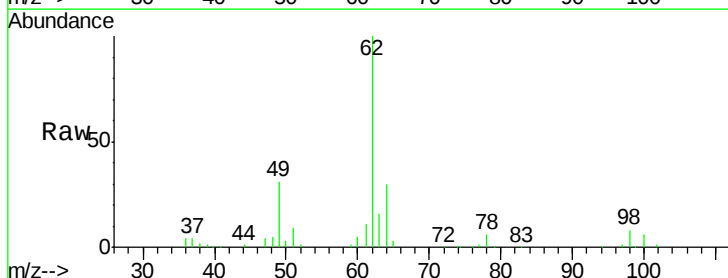
RT: 6.20 min Scan# 921

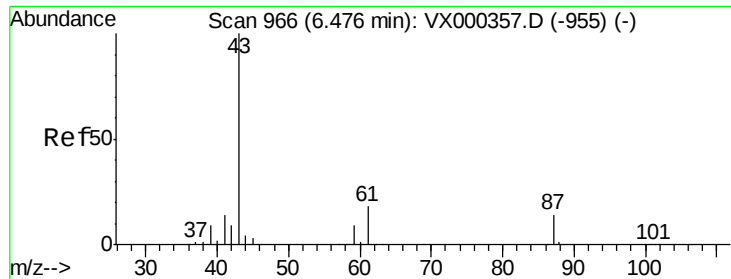
Delta R.T. -0.01 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Tgt Ion:	62	Resp:	55871
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	15.8





#43

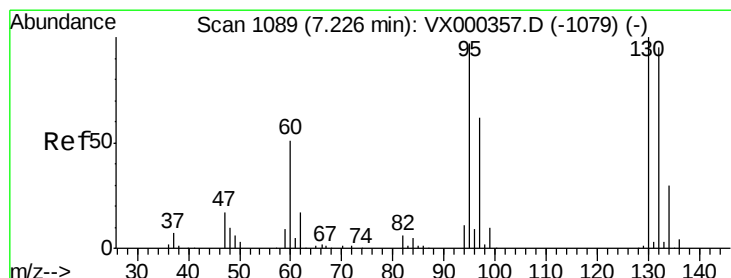
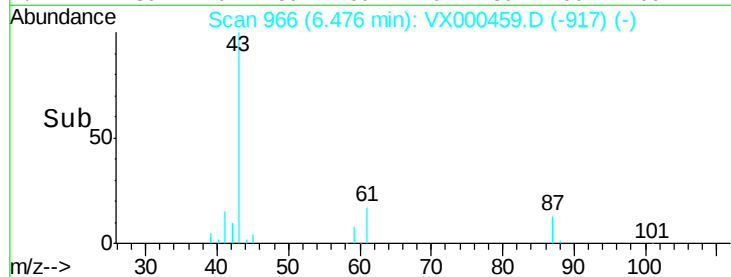
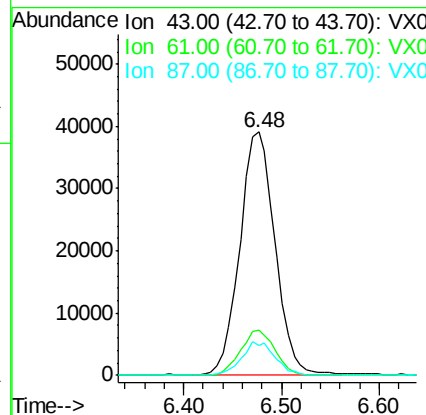
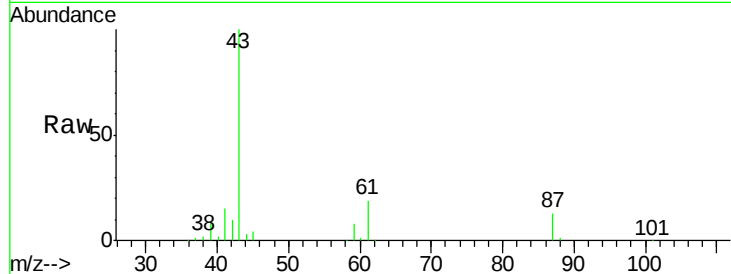
Isopropyl Acetate
 Concen: 22.12 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.3	14.4	21.6
87	13.1	11.0	16.4

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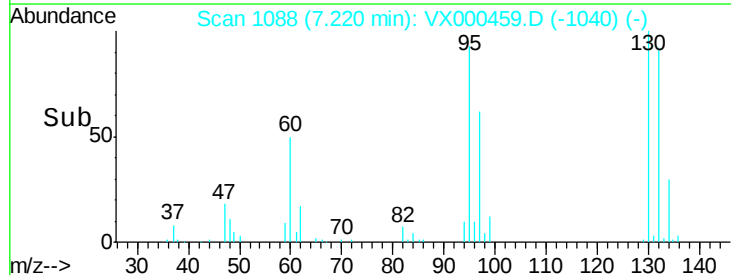
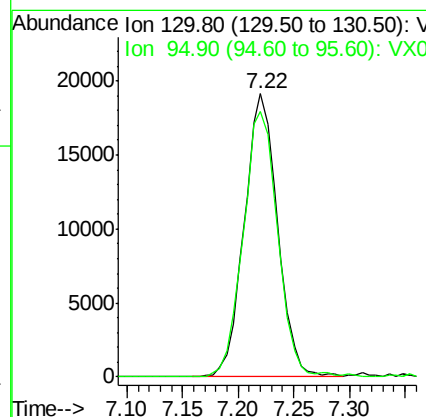
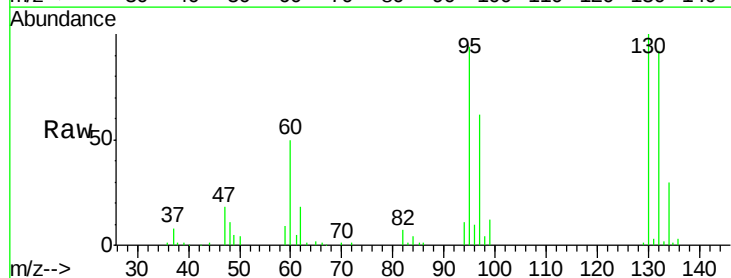
MMDadoda
 3/28/2018 11:41:55 AM



#44

Trichloroethene
 Concen: 21.90 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.7	0.0	186.0





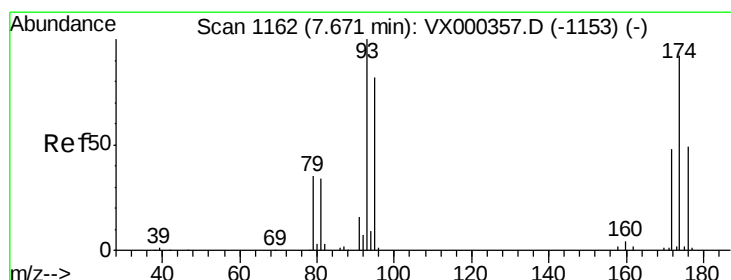
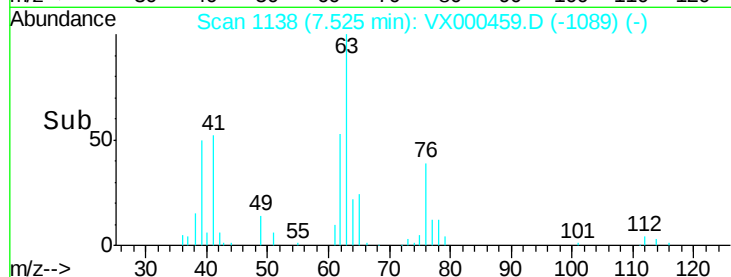
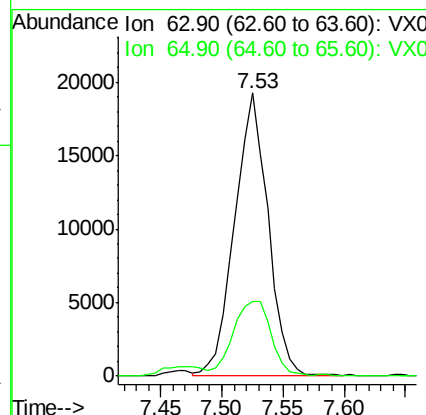
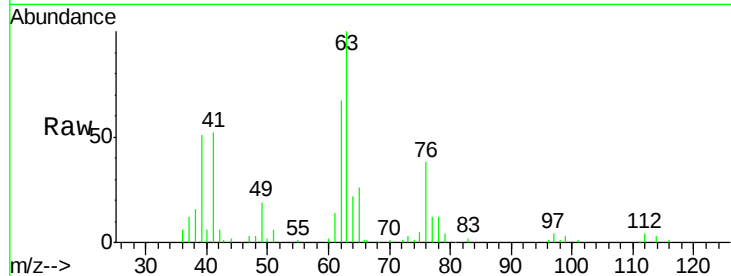
#45
 1,2-Dichloropropane
 Concen: 22.58 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS01

Tot Ion: 63 Resp: 36521
 Ion Ratio Lower Upper
 63 100
 65 26.3 24.6 36.8

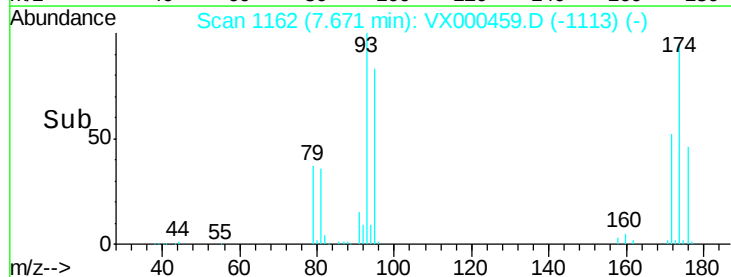
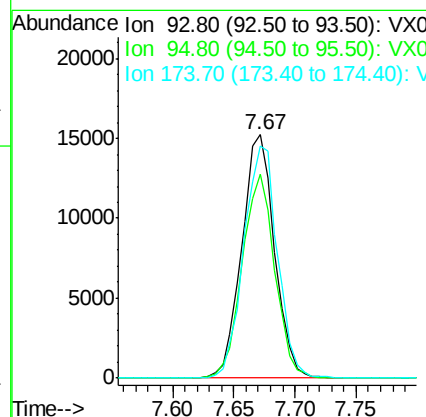
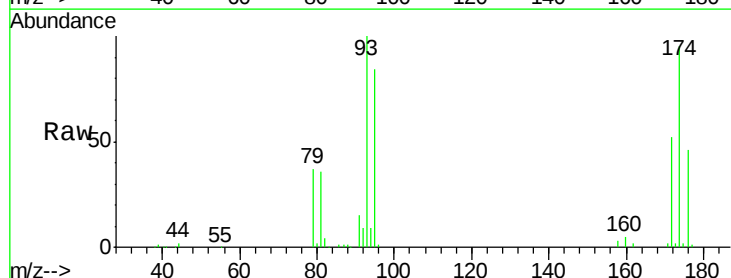
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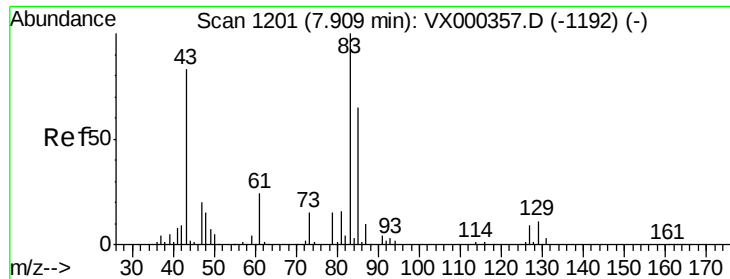
MMDadoda
 3/28/2018 11:41:55 AM



#46
 Dibromomethane
 Concen: 22.23 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

Tgt Ion: 93 Resp: 28226
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.5 99.7
 174 98.6 76.0 114.0





#47

Bromodichloromethane

Concen: 23.20 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

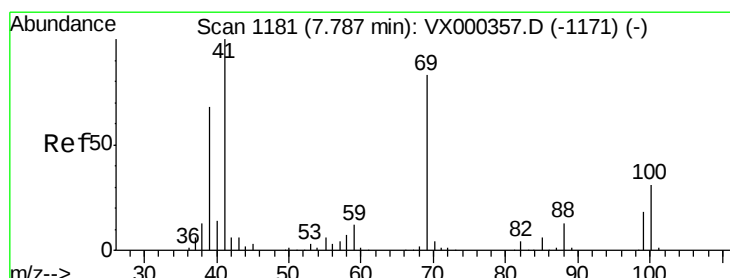
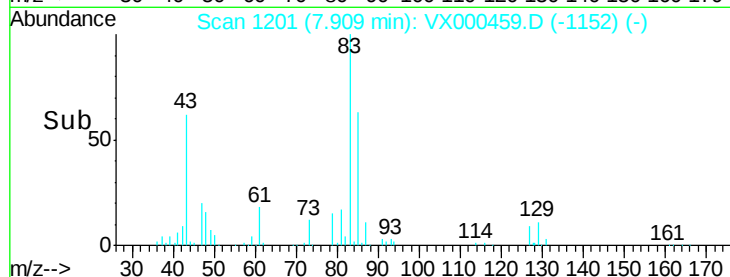
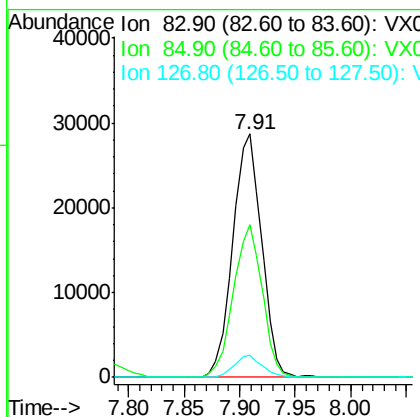
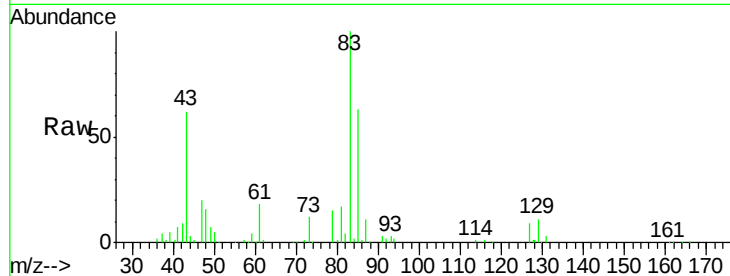
ClientSampleId :

VX0327WBS01

Tot Ion:	83	Resp:	51814
Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.4	77.0
127	8.9	7.0	10.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 22.86 ug/l

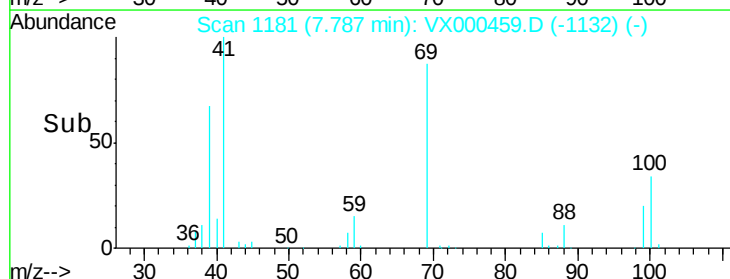
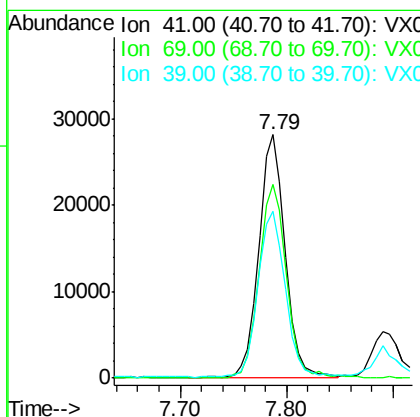
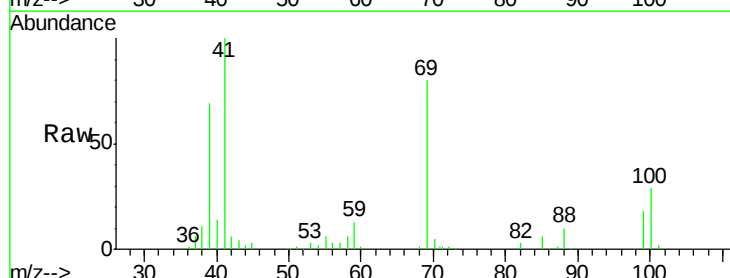
RT: 7.79 min Scan# 1181

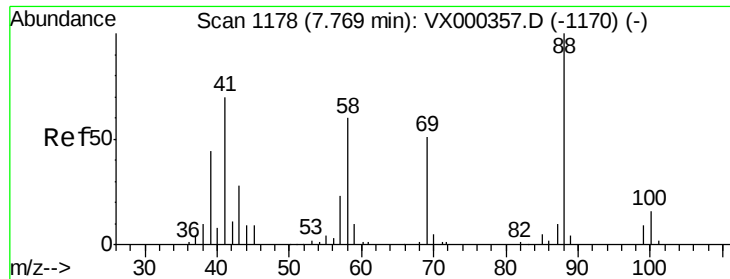
Delta R.T. -0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Tgt Ion:	41	Resp:	49095
Ion	Ratio	Lower	Upper
41	100		
69	82.7	68.2	102.4
39	69.9	54.6	81.8





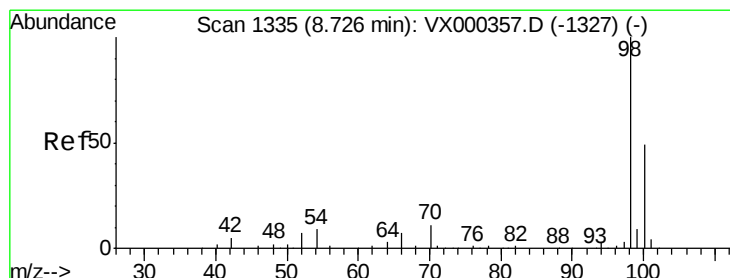
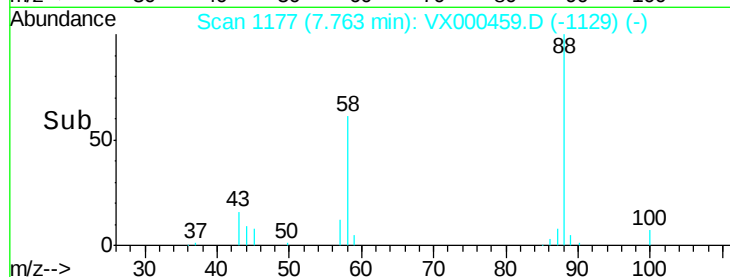
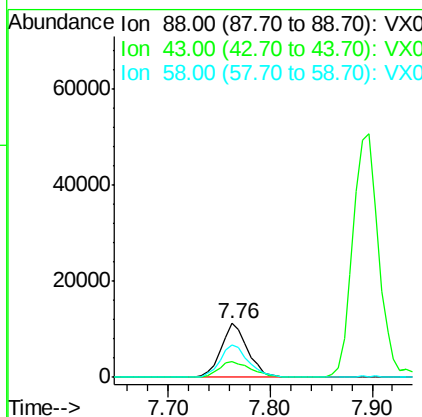
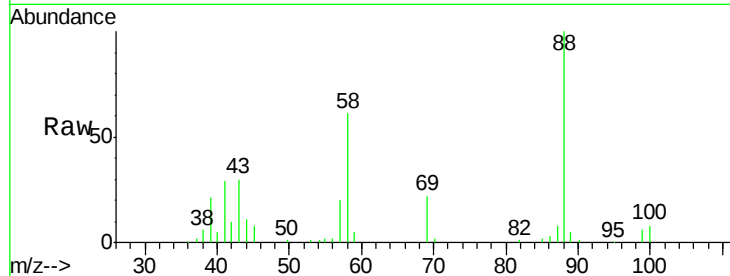
#49
1,4-Dioxane
Concen: 451.43 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.2	26.8	40.2
58	64.1	52.2	78.2

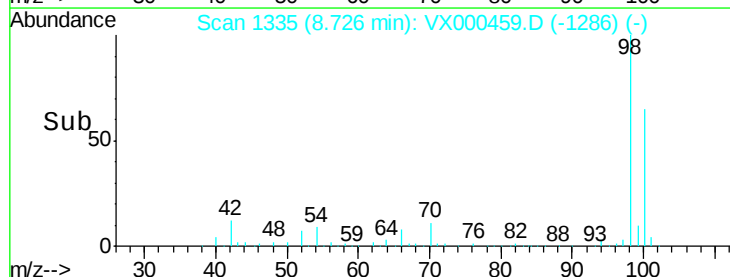
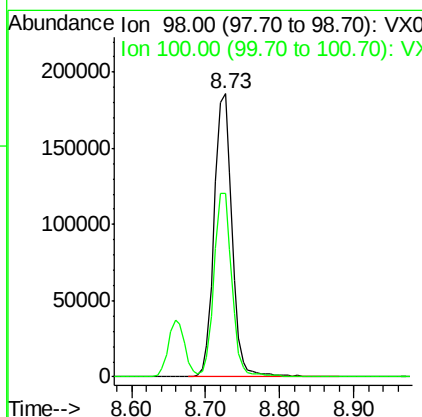
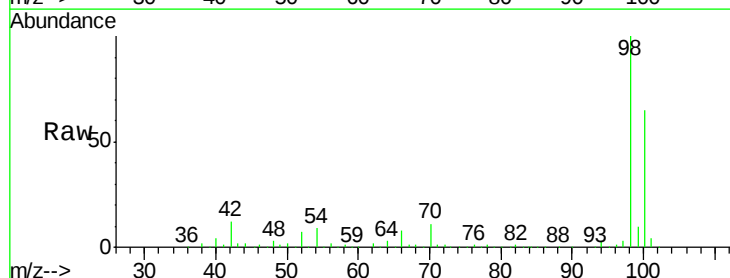
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#50
Toluene-d8
Concen: 50.40 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 115.45 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS01

Tot Ion: 43 Resp: 395374

Ion Ratio Lower Upper

43 100

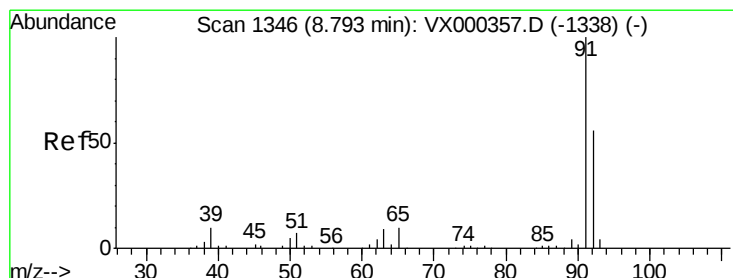
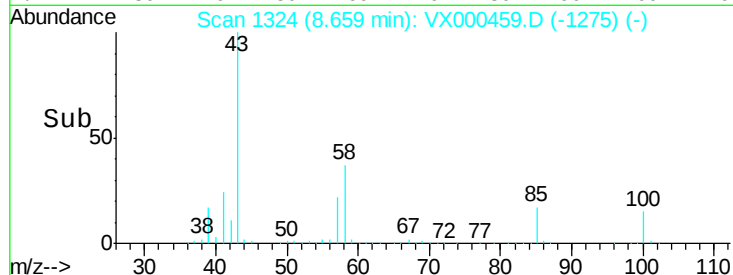
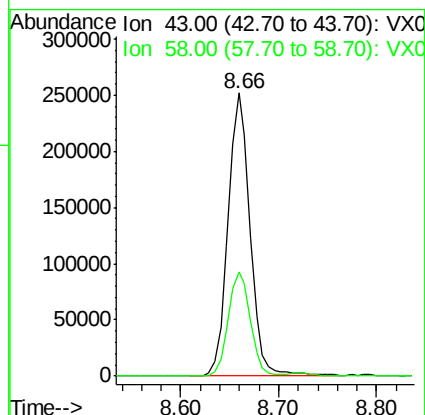
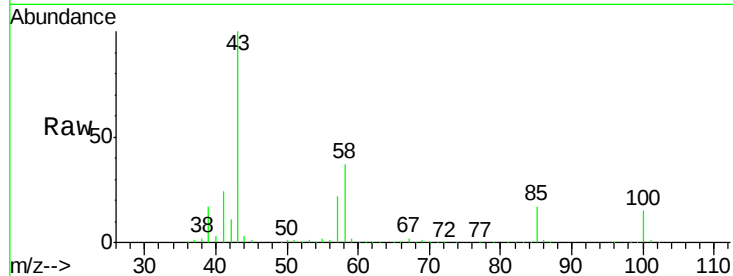
58 36.7 30.3 45.5

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#52

Toluene

Concen: 22.43 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000459.D

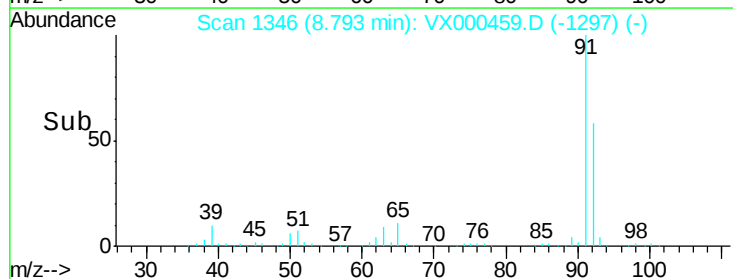
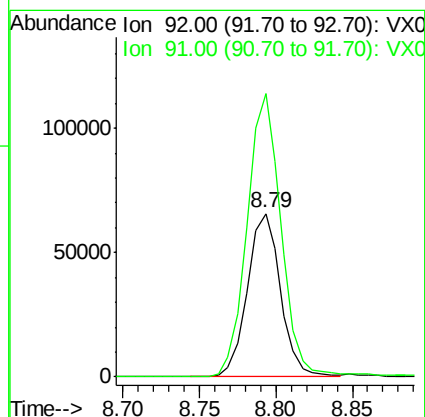
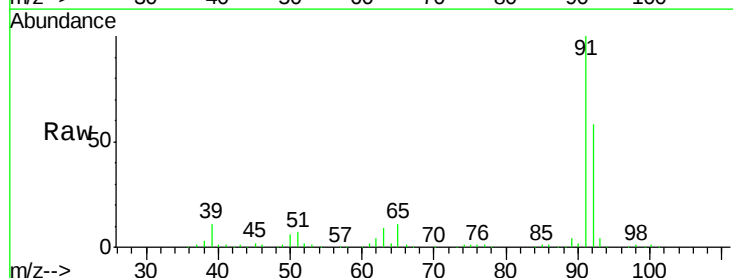
Acq: 27 Mar 2018 15:21

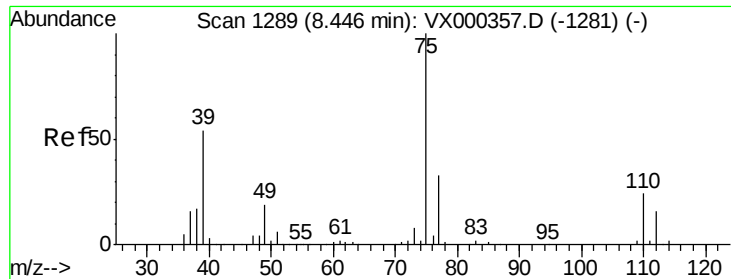
Tgt Ion: 92 Resp: 99096

Ion Ratio Lower Upper

92 100

91 179.4 140.2 210.2





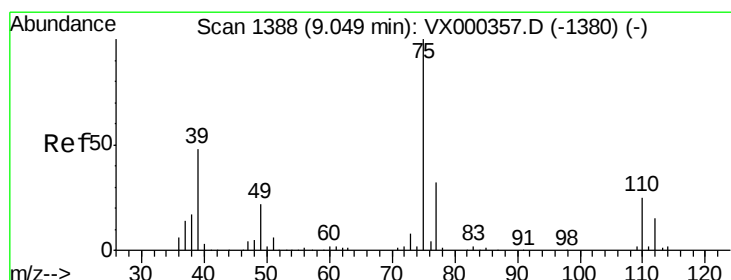
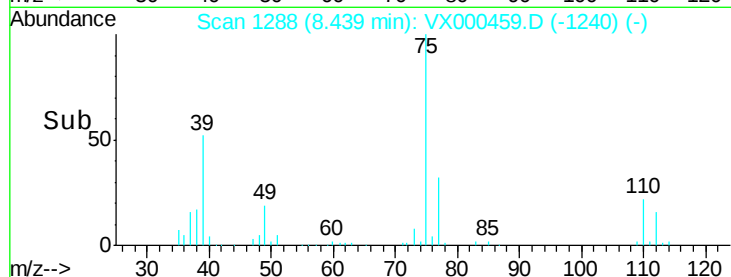
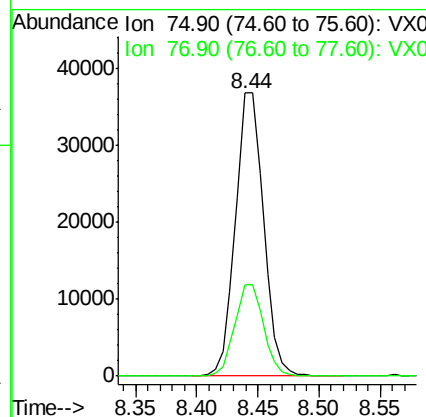
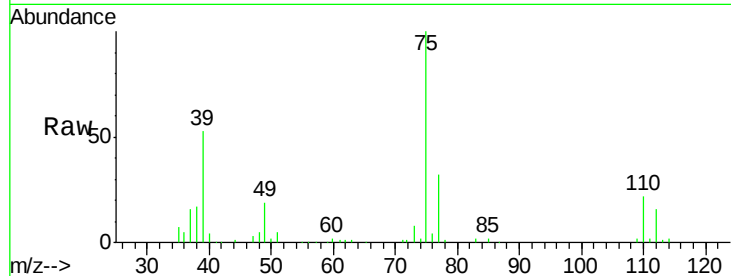
#53
t-1,3-Dichloropropene
Concen: 22.60 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

Tot Ion: 75 Resp: 58500
Ion Ratio Lower Upper
75 100
77 32.3 24.0 36.0

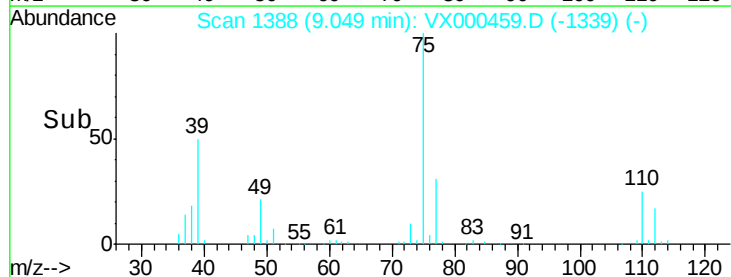
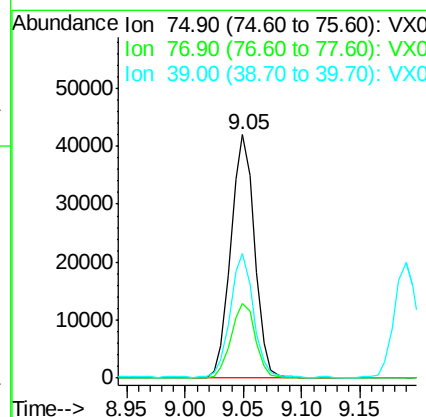
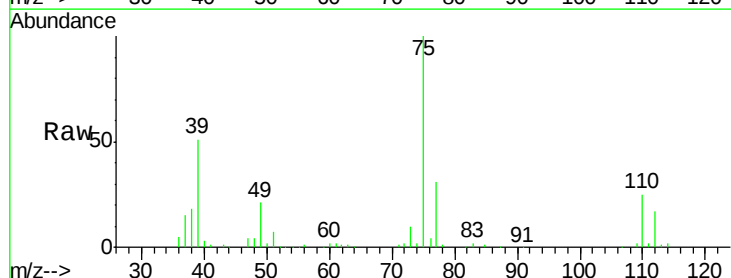
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#54
cis-1,3-Dichloropropene
Concen: 23.70 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Tgt Ion: 75 Resp: 59512
Ion Ratio Lower Upper
75 100
77 30.6 26.1 39.1
39 50.7 39.8 59.6





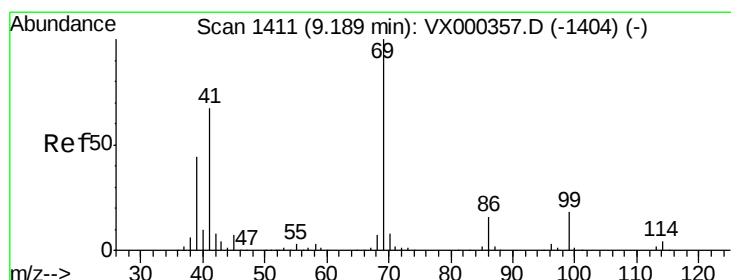
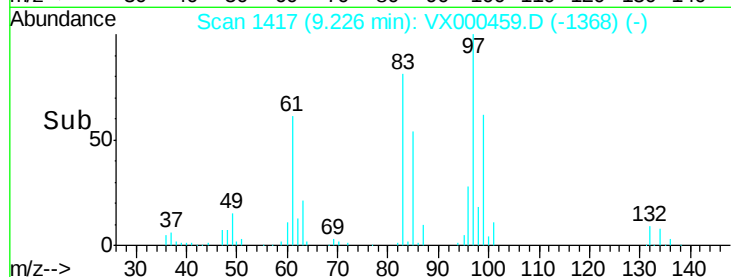
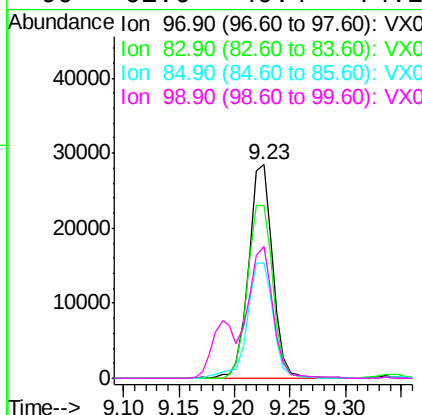
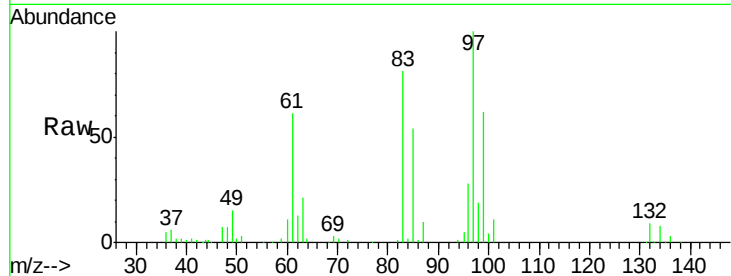
#55
 1,1,2-Trichloroethane
 Concen: 23.37 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS01

Tot Ion:	97	Resp:	42460
Ion	Ratio	Lower	Upper
97	100		
83	81.1	67.9	101.9
85	54.2	42.8	64.2
99	61.6	49.4	74.2

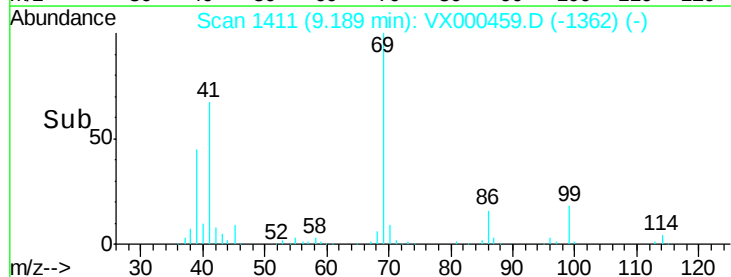
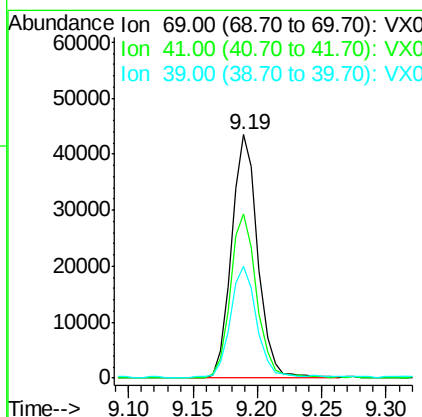
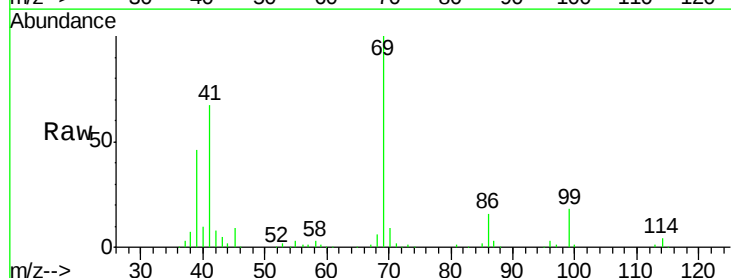
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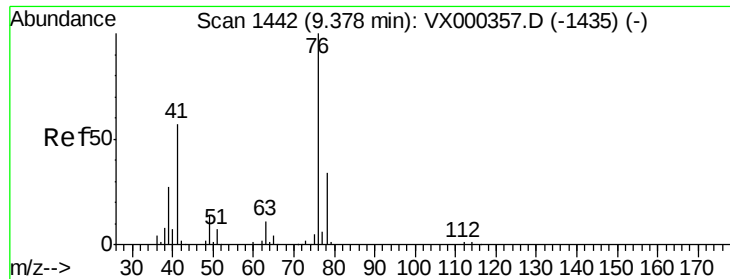
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#56
 Ethyl methacrylate
 Concen: 22.59 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

Tgt Ion:	69	Resp:	62195
Ion	Ratio	Lower	Upper
69	100		
41	67.5	53.0	79.6
39	45.6	35.3	52.9





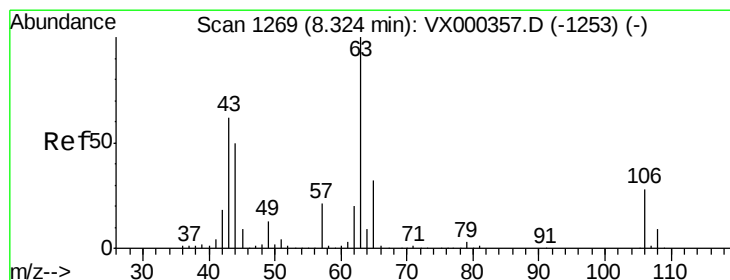
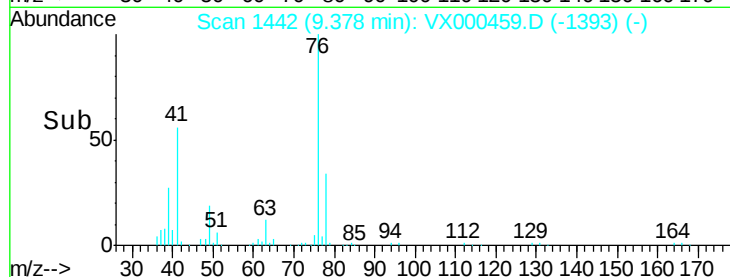
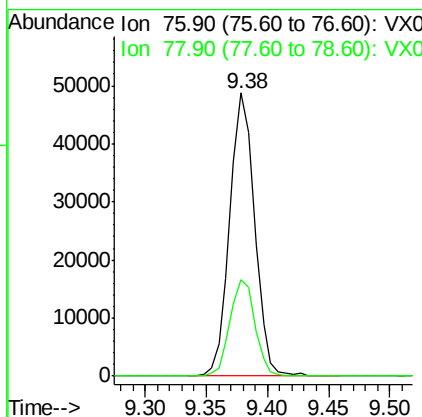
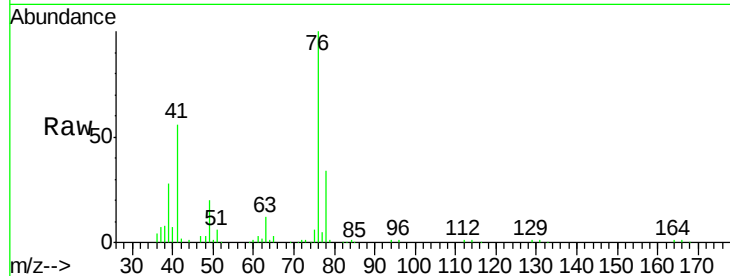
#57
 1,3-Dichloropropane
 Concen: 23.63 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

Instrument :
 MSVOA_X
 ClientSampled :
 VX0327WBS01

Tot Ion: 76 Resp: 68674
 Ion Ratio Lower Upper
 76 100
 78 33.9 26.4 39.6

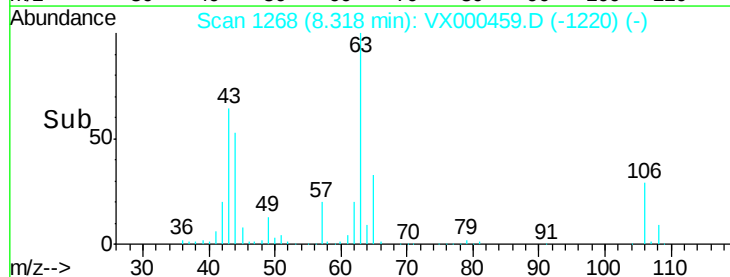
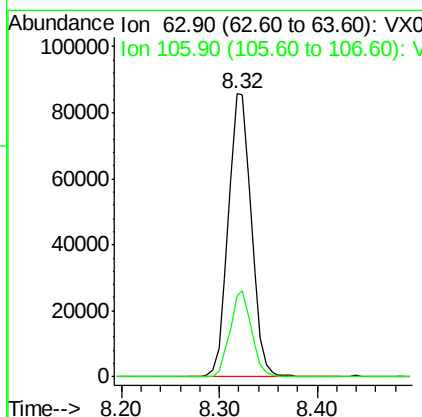
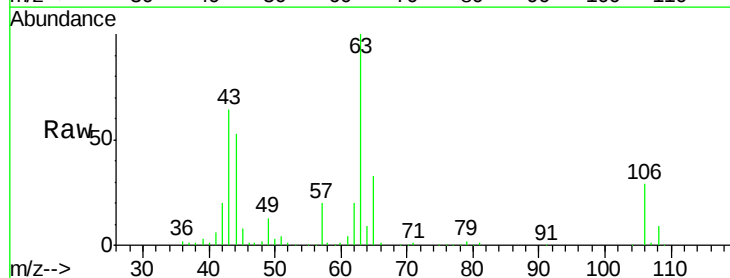
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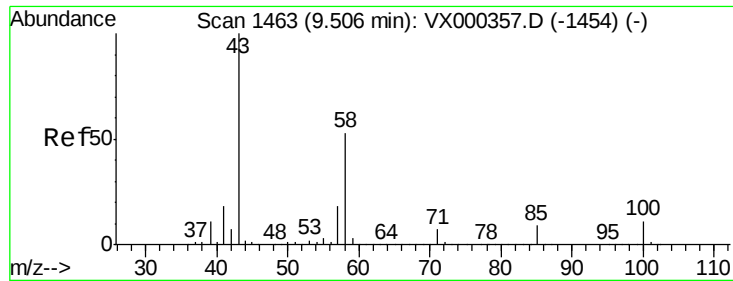
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 3/28/2018 11:41:55 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.04 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

Tgt Ion: 63 Resp: 140103
 Ion Ratio Lower Upper
 63 100
 106 28.5 23.2 34.8





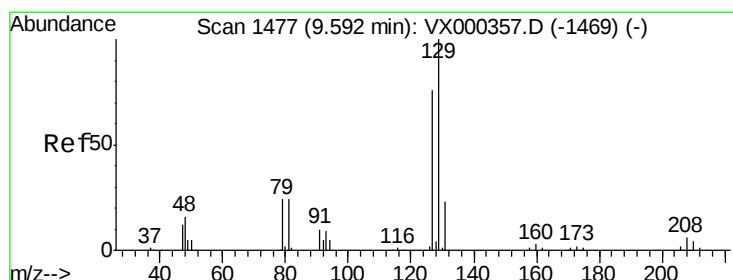
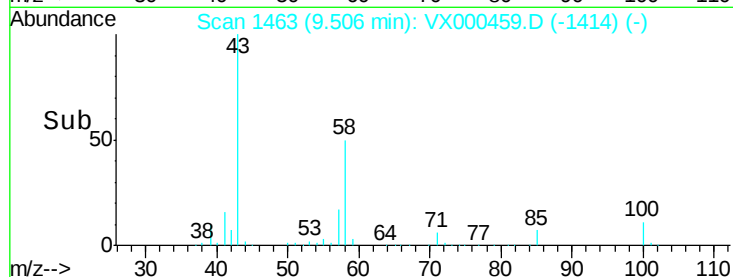
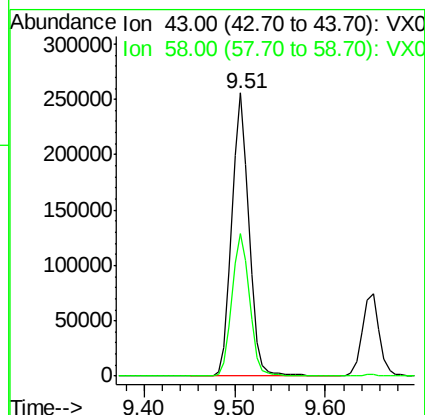
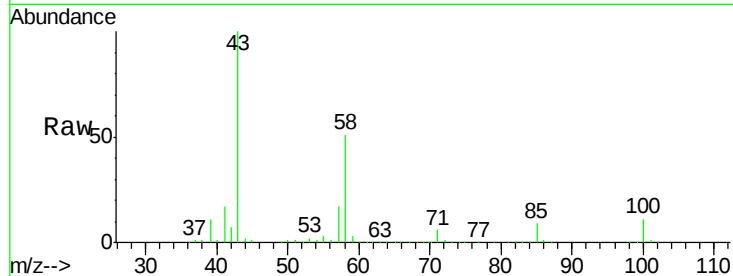
#59
2-Hexanone
Concen: 116.31 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

Tot Ion: 43 Resp: 338209
Ion Ratio Lower Upper
43 100
58 51.7 26.6 79.7

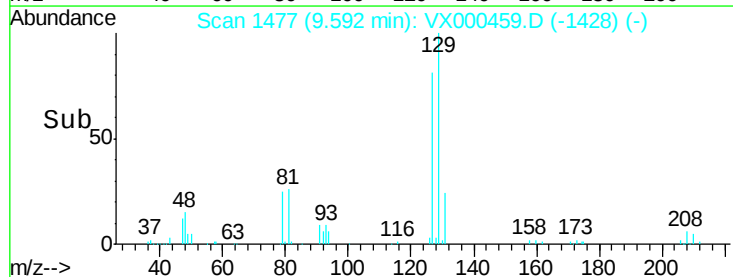
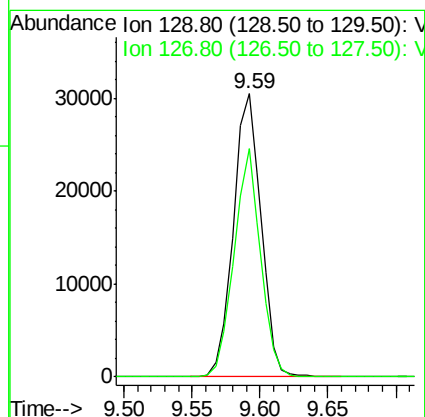
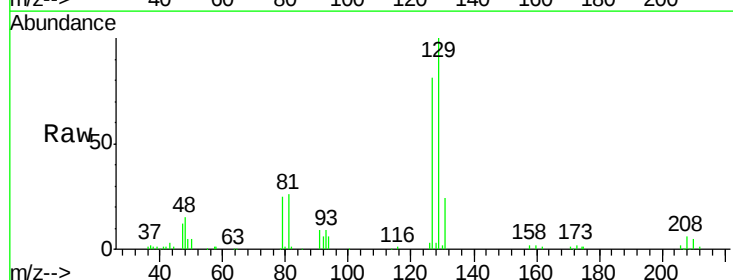
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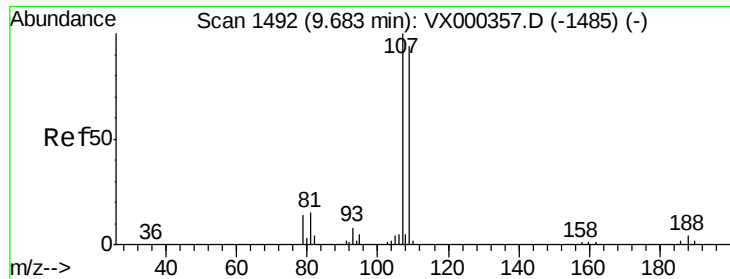
MM Dadoda
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#60
Dibromochloromethane
Concen: 22.55 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Tgt Ion: 129 Resp: 43178
Ion Ratio Lower Upper
129 100
127 77.1 37.9 113.6





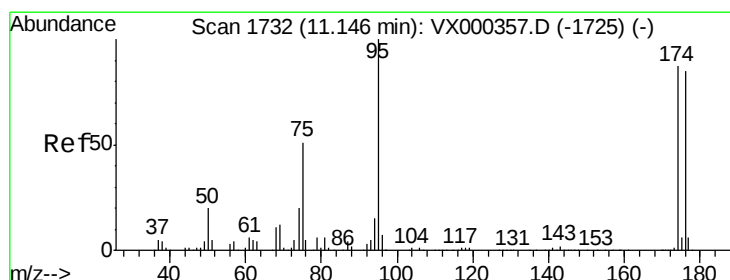
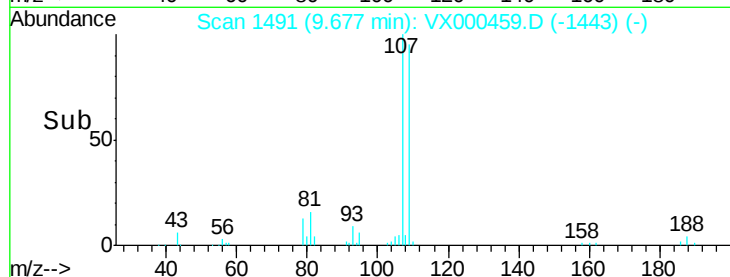
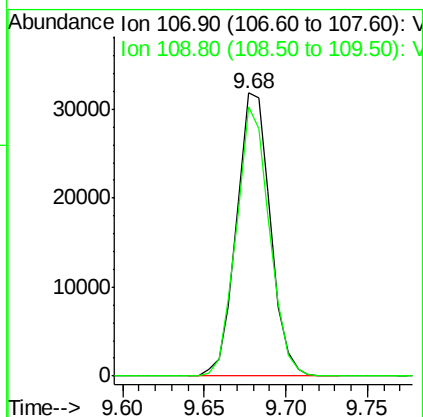
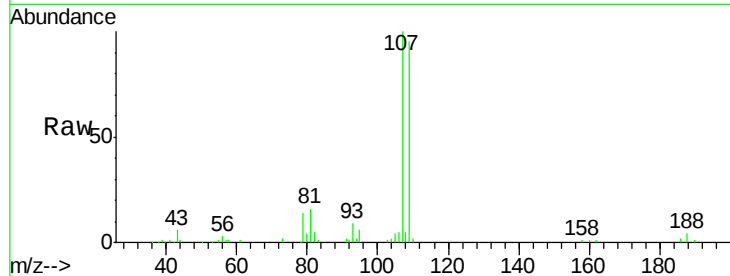
#61
 1,2-Dibromoethane
 Concen: 23.56 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS01

Tot Ion:107 Resp: 45905
 Ion Ratio Lower Upper
 107 100
 109 93.3 76.1 114.1

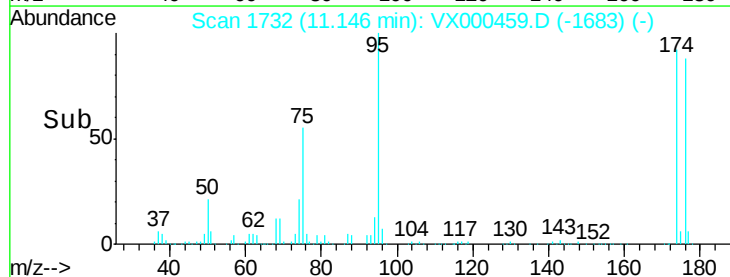
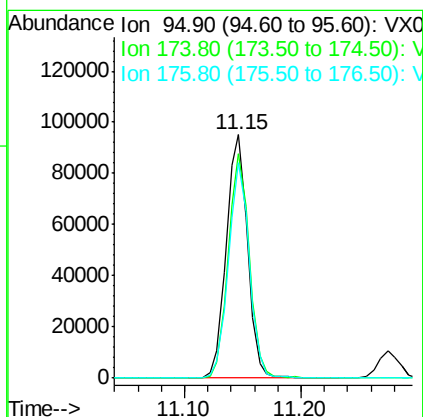
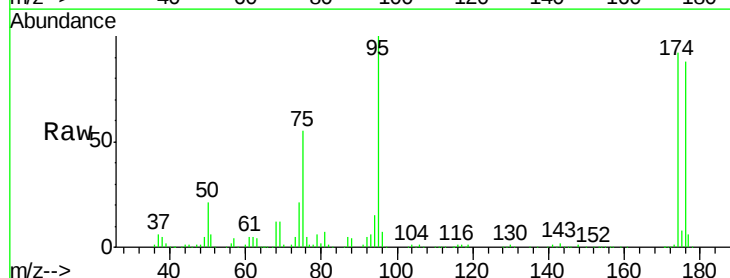
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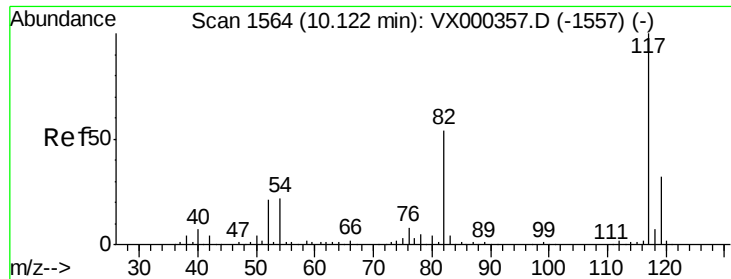
MMDadoda
 3/28/2018 11:41:55 AM



#62
 4-Bromofluorobenzene
 Concen: 47.41 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.00 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

Tgt Ion: 95 Resp: 120537
 Ion Ratio Lower Upper
 95 100
 174 91.5 0.0 173.6
 176 86.8 0.0 164.6





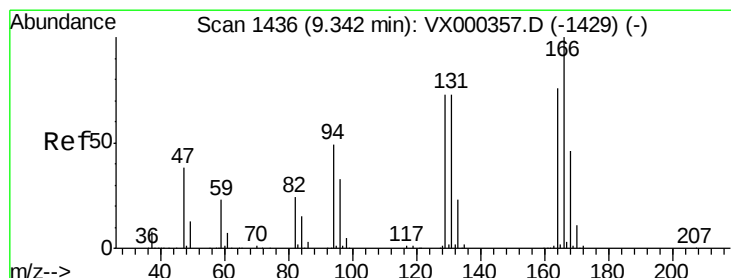
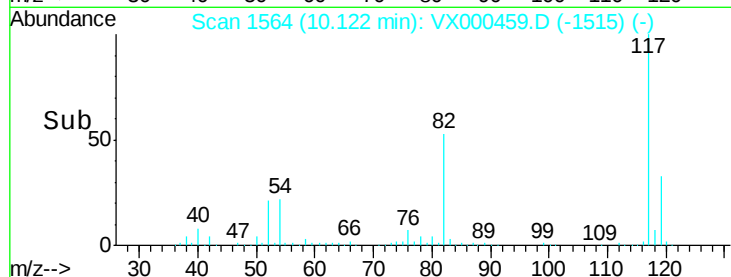
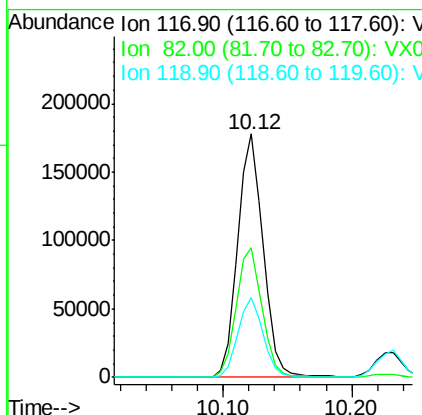
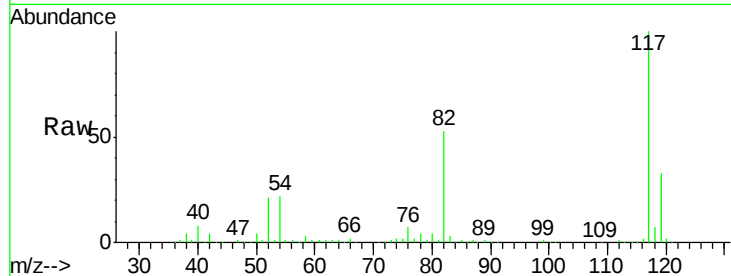
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.8	65.8
119	32.9	24.9	37.3

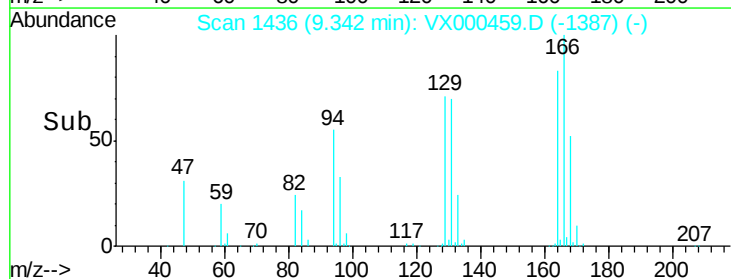
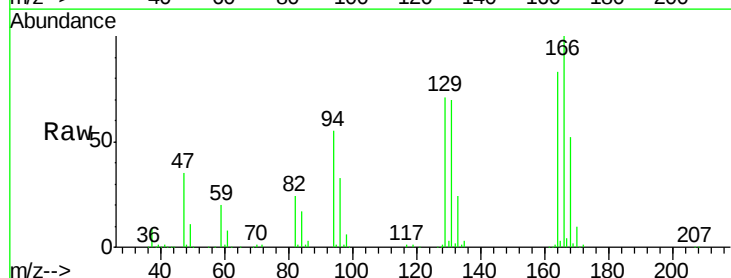
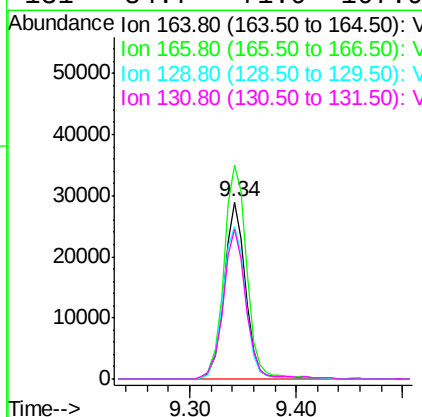
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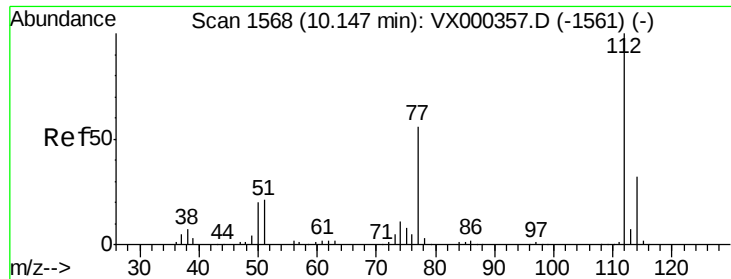
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#64
Tetrachloroethene
Concen: 21.46 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	120.8	101.0	151.6
129	85.8	79.0	118.4
131	84.7	71.9	107.9





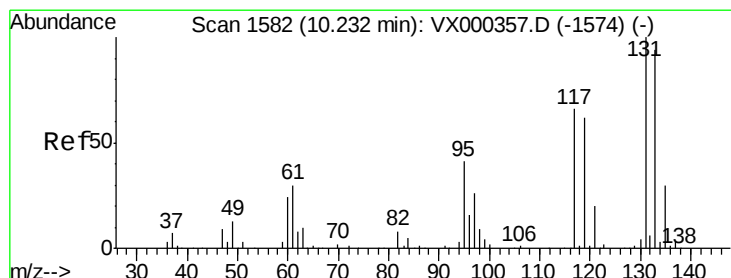
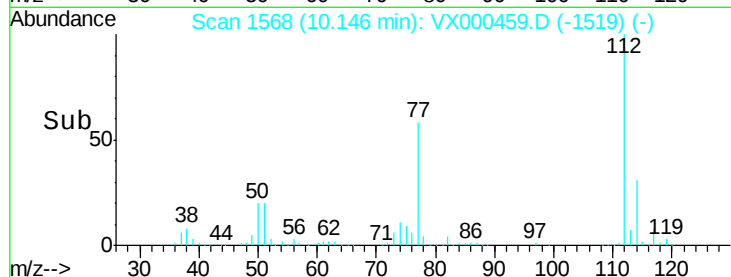
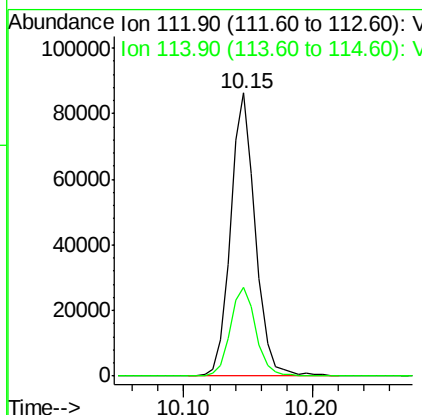
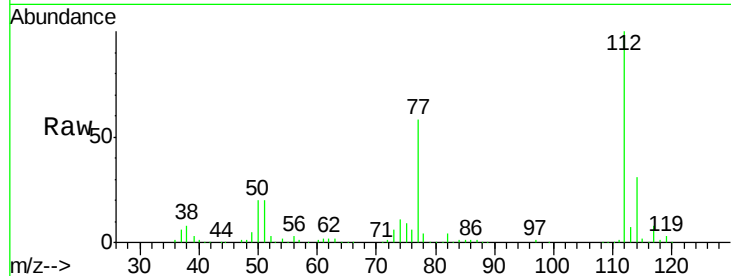
#65
Chlorobenzene
Concen: 21.28 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

Tot Ion:112 Resp: 115792
Ion Ratio Lower Upper
112 100
114 31.3 25.7 38.5

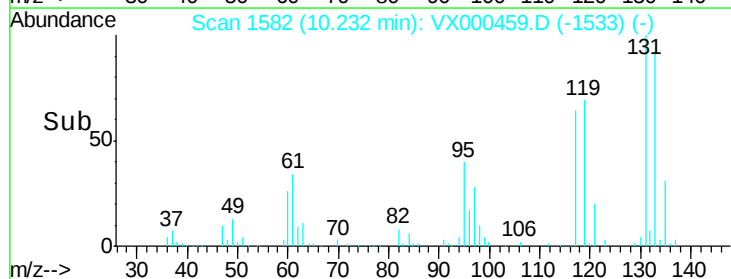
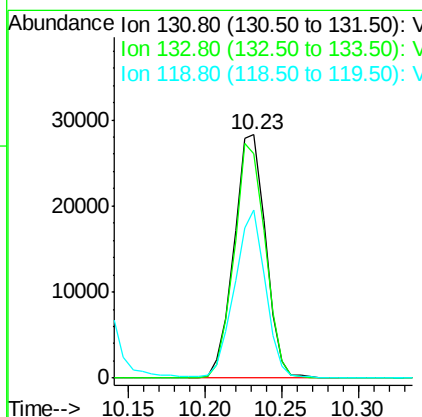
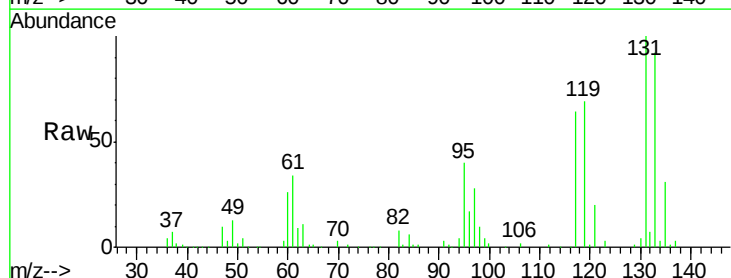
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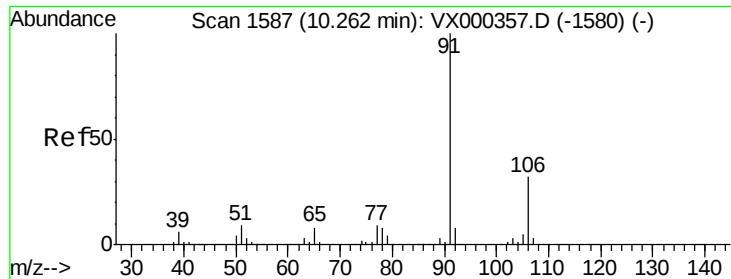
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.97 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Tgt Ion:131 Resp: 40607
Ion Ratio Lower Upper
131 100
133 94.8 47.1 141.3
119 67.3 33.1 99.2





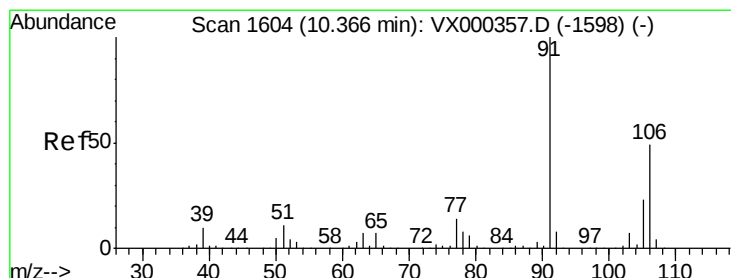
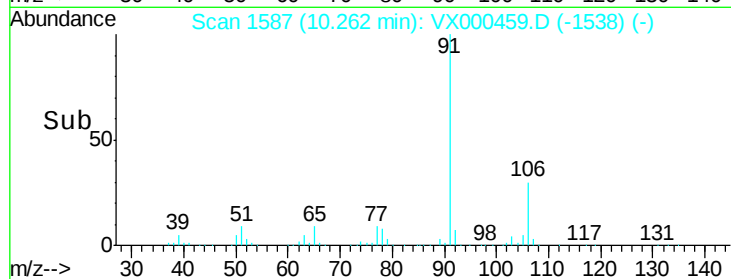
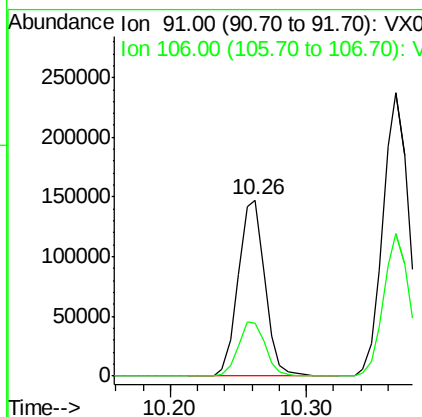
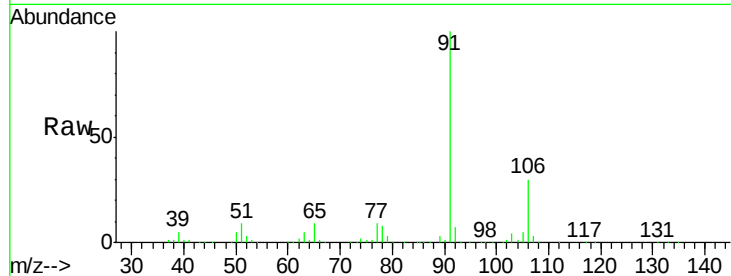
#67
Ethyl Benzene
Concen: 21.86 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

Tot Ion: 91 Resp: 201610
Ion Ratio Lower Upper
91 100
106 30.3 25.0 37.6

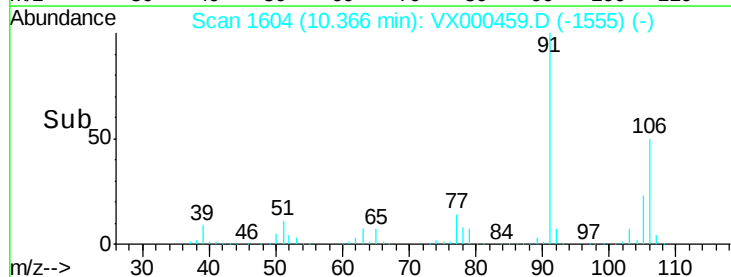
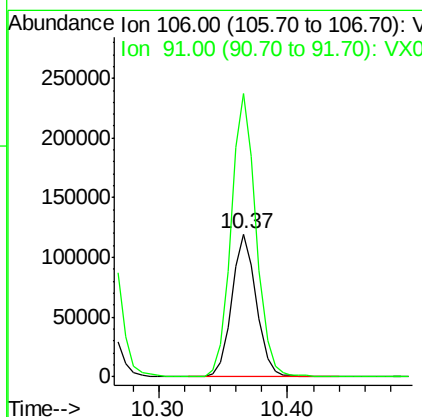
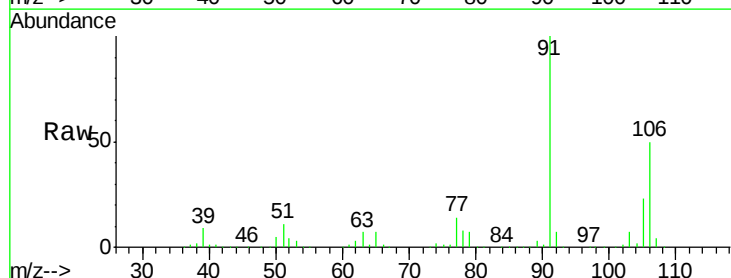
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#68
m/p-Xylenes
Concen: 43.69 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Tgt Ion: 106 Resp: 158584
Ion Ratio Lower Upper
106 100
91 202.5 163.4 245.2





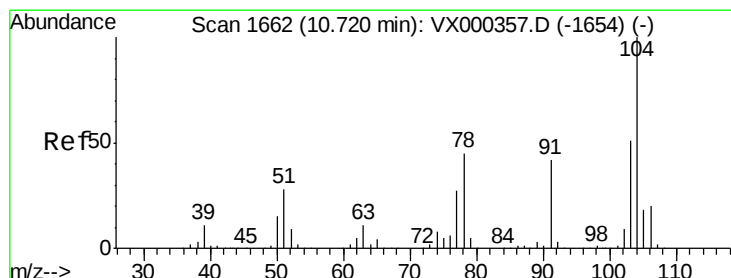
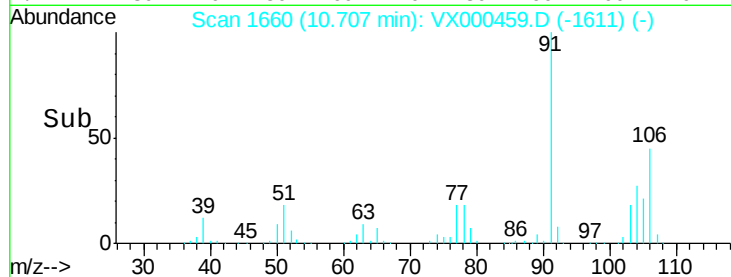
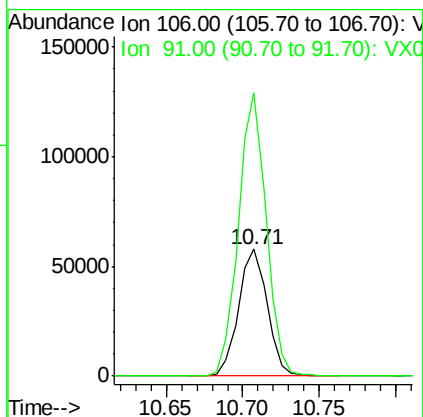
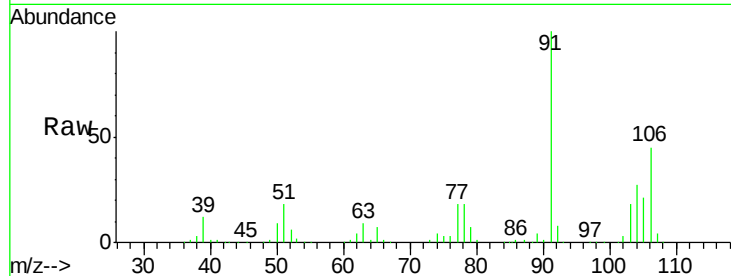
#69
o-Xylene
Concen: 21.49 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

Tot Ion:106 Resp: 75521
Ion Ratio Lower Upper
106 100
91 216.8 106.5 319.6

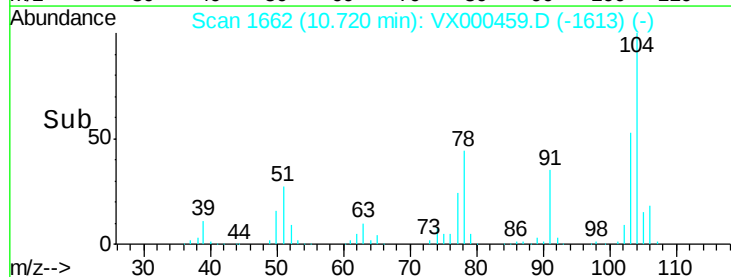
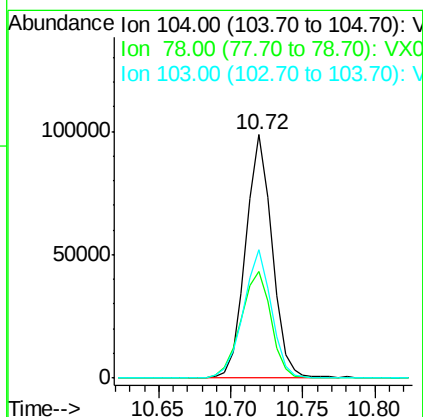
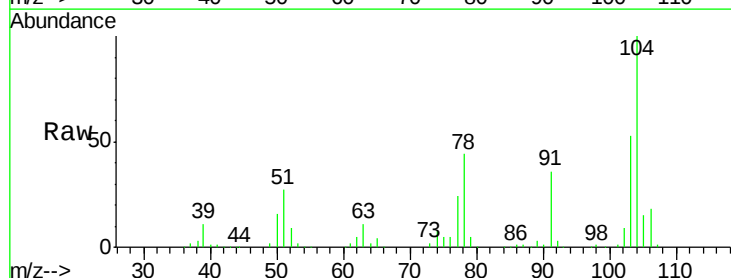
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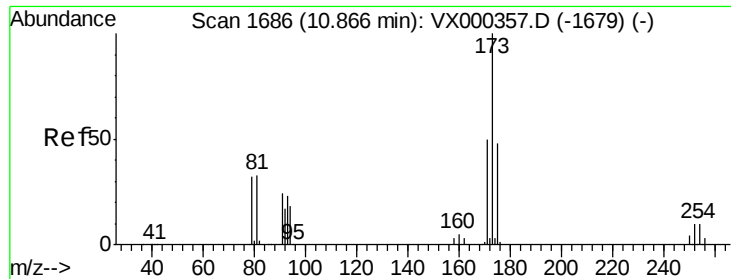
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#70
Styrene
Concen: 21.50 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Tgt Ion:104 Resp: 125032
Ion Ratio Lower Upper
104 100
78 50.6 40.5 60.7
103 56.5 45.7 68.5





#71

Bromoform

Concen: 20.66 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS01

Tot Ion:173 Resp: 33821

Ion Ratio Lower Upper

173 100

175 48.5 25.4 76.4

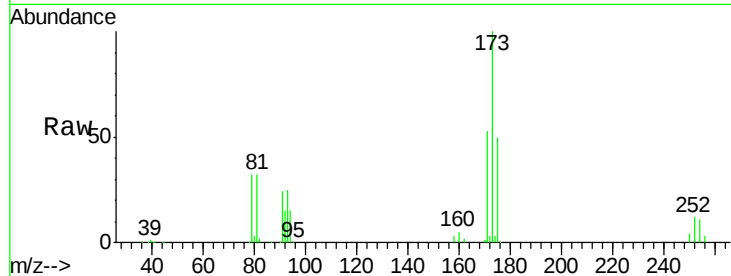
254 0.0 0.0 0.0

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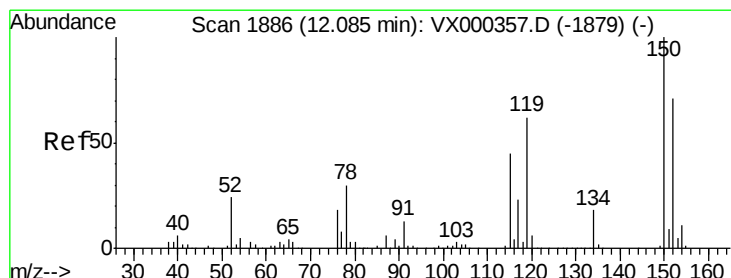
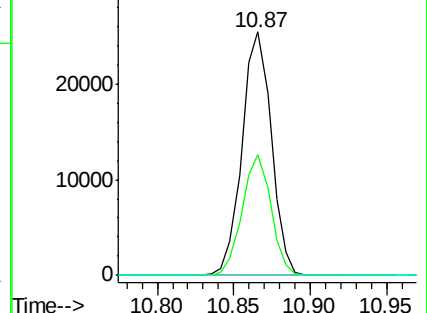
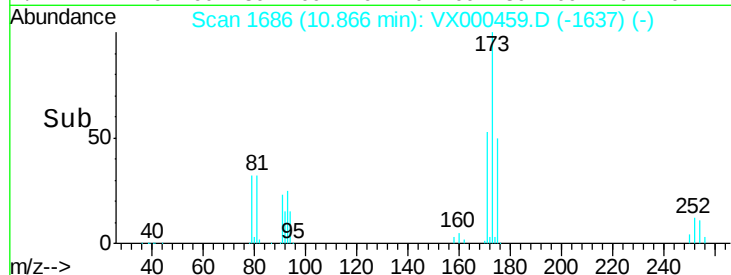
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

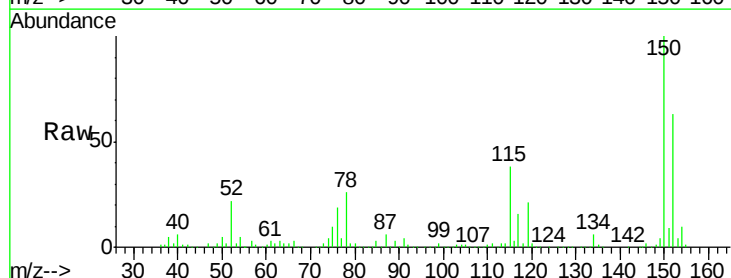
Tgt Ion:152 Resp: 140295

Ion Ratio Lower Upper

152 100

115 69.8 39.8 119.3

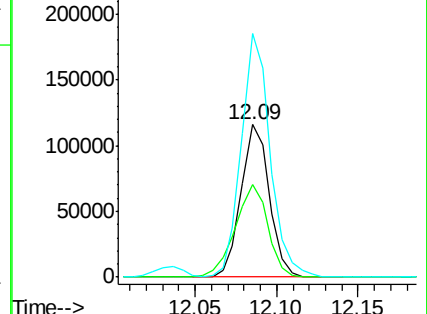
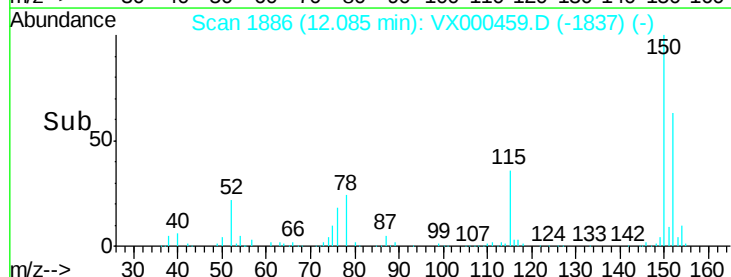
150 163.1 0.0 344.4

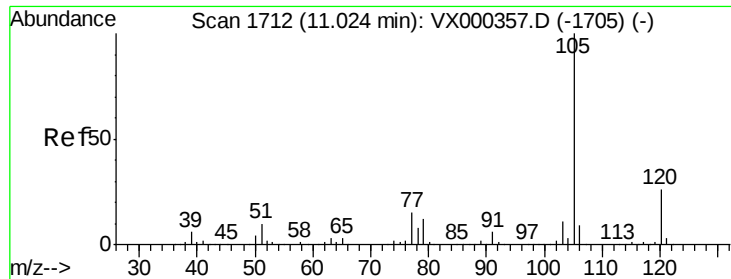


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.20 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS01

Tot Ion:105 Resp: 206366

Ion Ratio Lower Upper

105 100

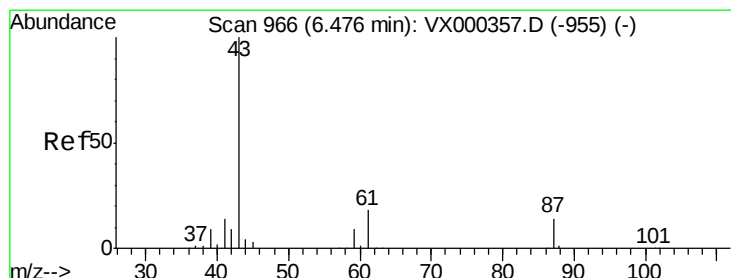
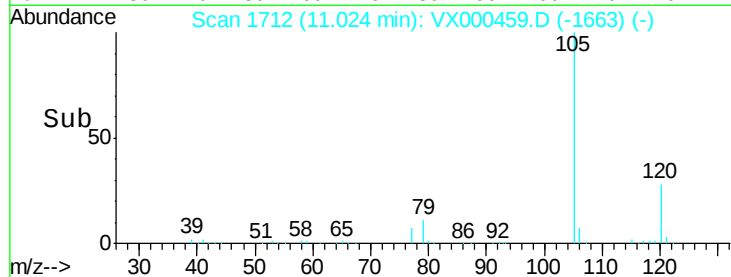
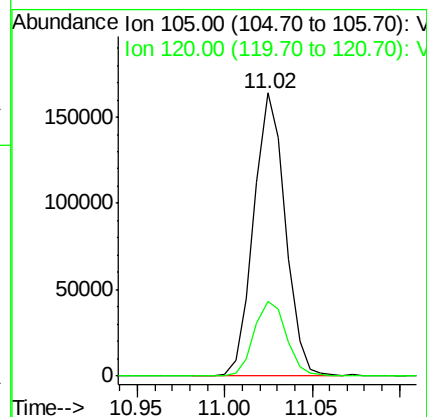
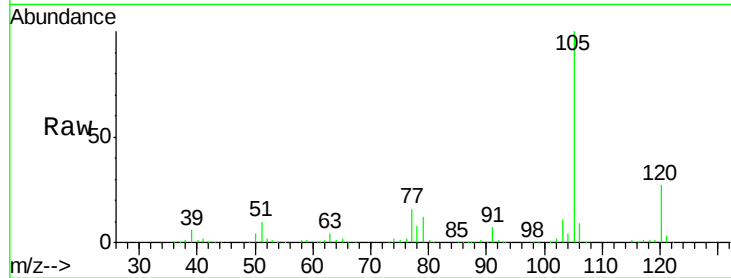
120 27.3 13.6 40.7

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#74

N-ethyl acetate

Concen: 22.33 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Tgt Ion: 43 Resp: 97862

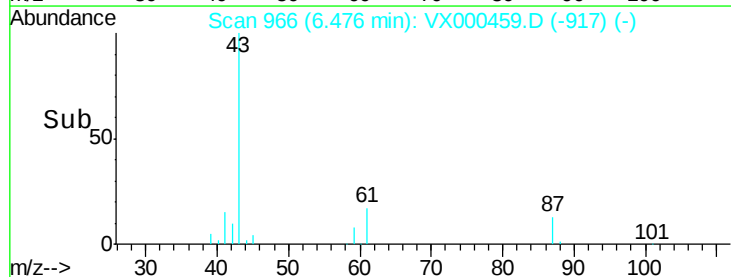
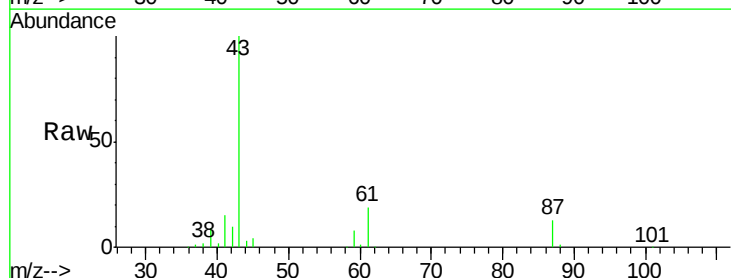
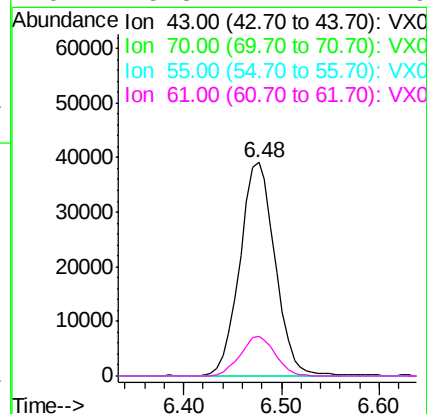
Ion Ratio Lower Upper

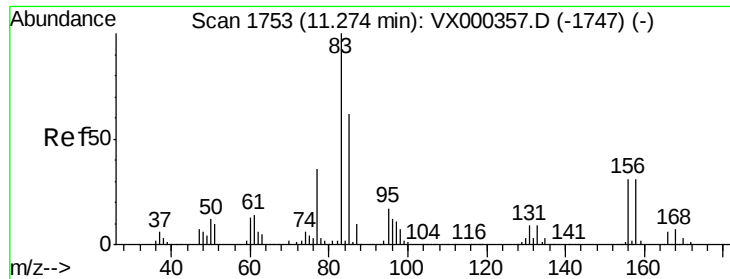
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 18.3 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 22.77 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

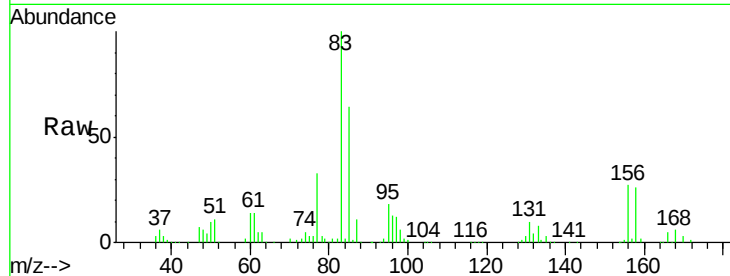
ClientSampleId :

VX0327WBS01

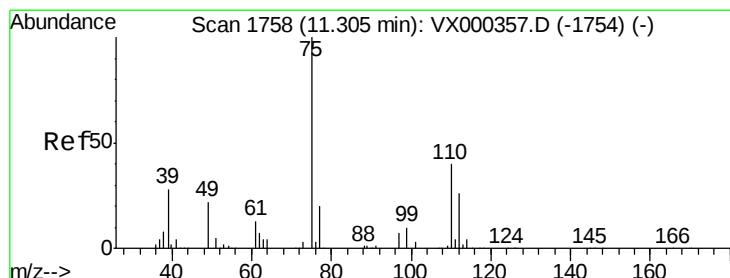
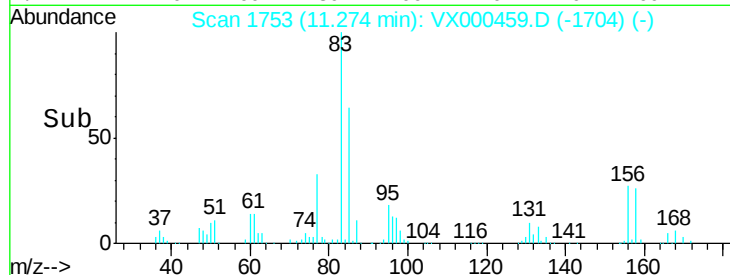
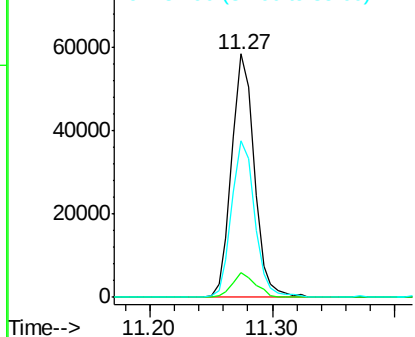
Tot Ion:	83	Resp:	74864
Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.0	14.9
85	65.8	32.5	97.5

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



#76

1,2,3-Trichloropropane

Concen: 23.29 ug/l m

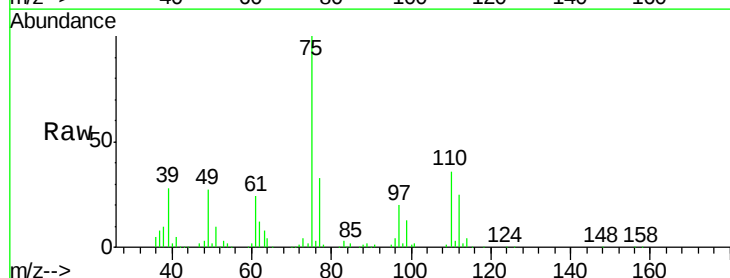
RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

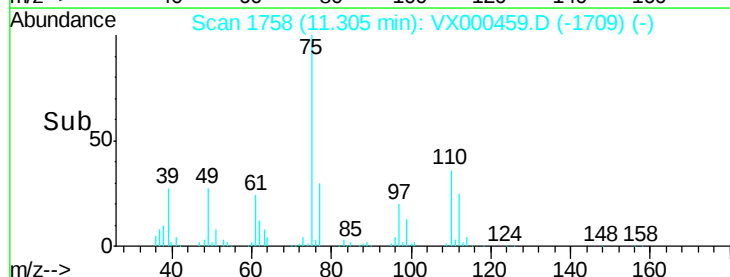
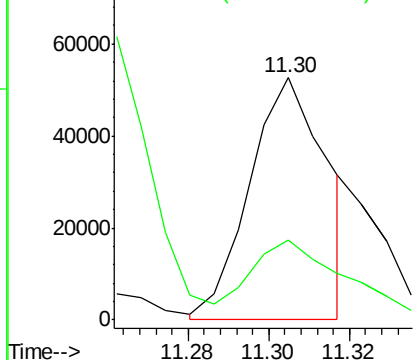
Lab File: VX000459.D

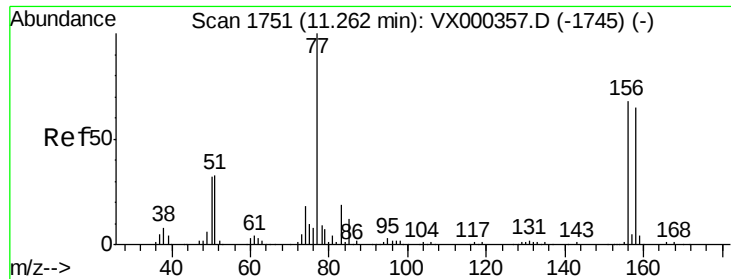
Acq: 27 Mar 2018 15:21

Tgt Ion:	75	Resp:	70219
Ion	Ratio	Lower	Upper
75	100		
77	40.7	21.4	64.2



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





#77

Bromobenzene

Concen: 21.67 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

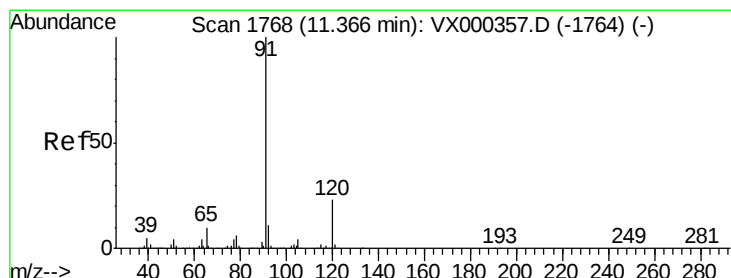
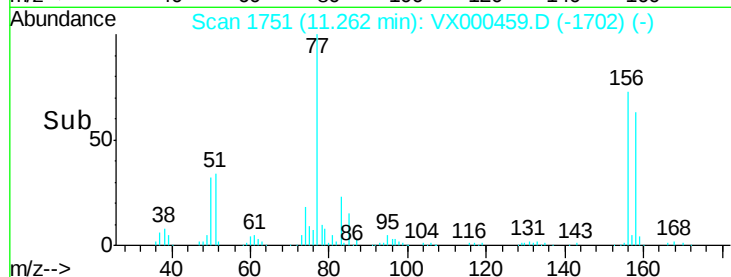
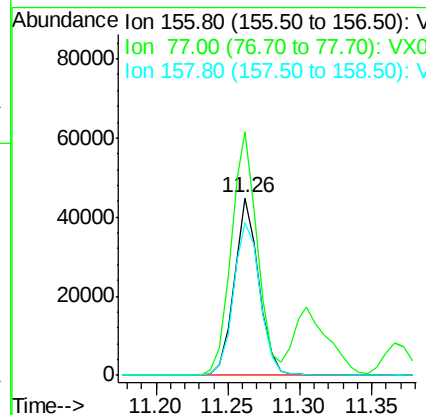
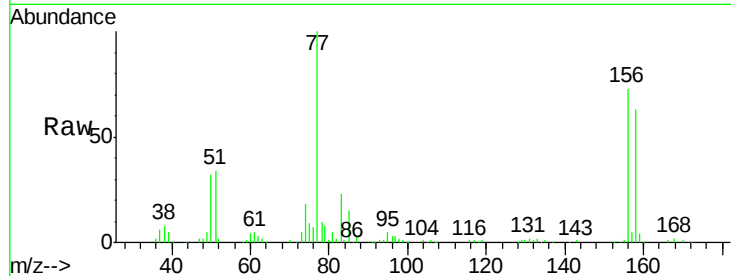
ClientSampleId :

VX0327WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	146.5	73.4	220.2
158	93.6	48.5	145.6

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#78

n-propylbenzene

Concen: 22.53 ug/l

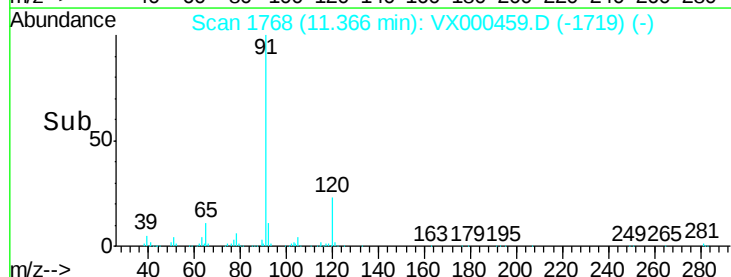
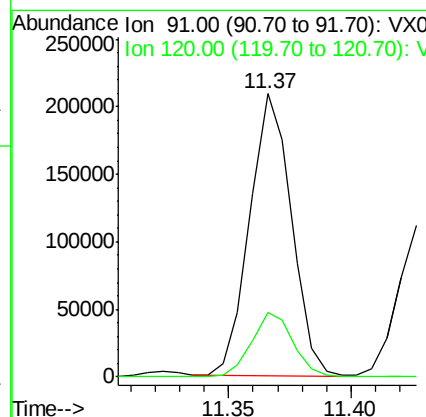
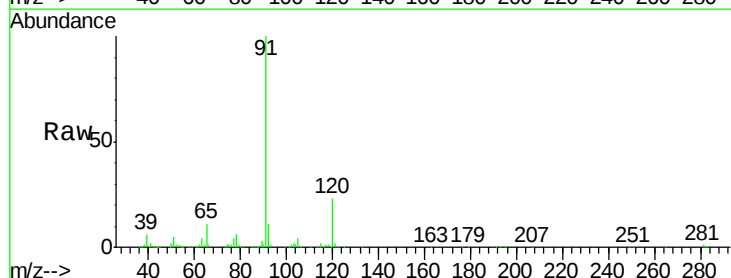
RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.8	35.3





#79

2-Chlorotoluene

Concen: 21.45 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS01

Tot Ion: 91 Resp: 137350

Ion Ratio Lower Upper

91 100

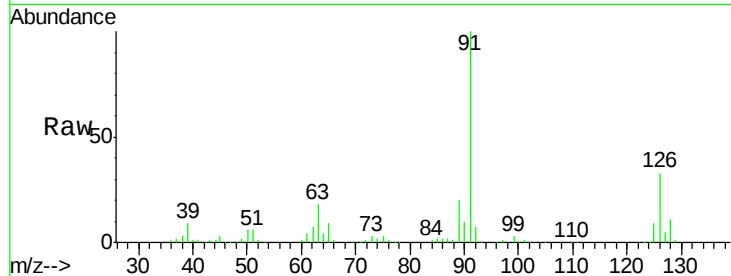
126 36.2 17.7 53.1

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Abundance Ion 91.00 (90.70 to 91.70): VX000459.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000459.D (-1774) (-)

250000

200000

150000

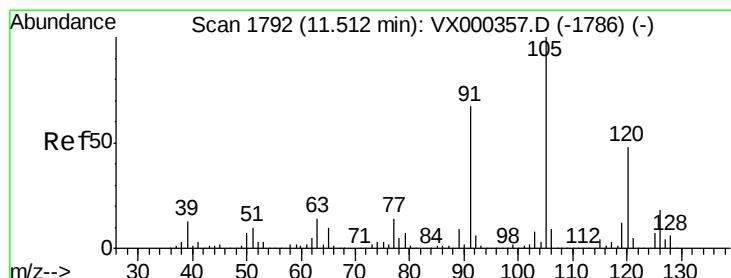
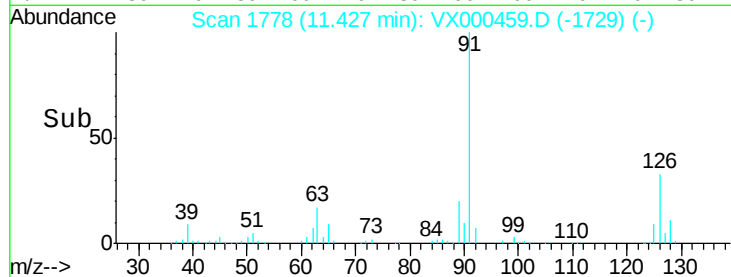
100000

50000

0

11.40 11.45 11.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 22.13 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000459.D

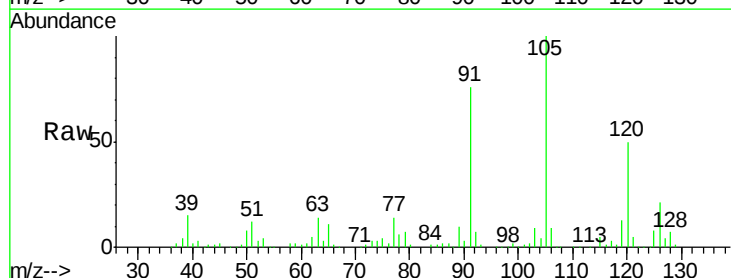
Acq: 27 Mar 2018 15:21

Tgt Ion: 105 Resp: 172976

Ion Ratio Lower Upper

105 100

120 49.0 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VX000459.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000459.D (-1786) (-)

150000

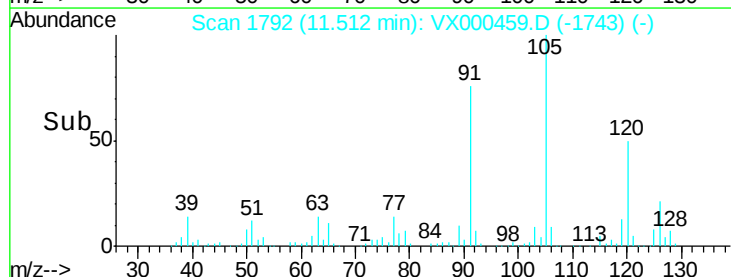
100000

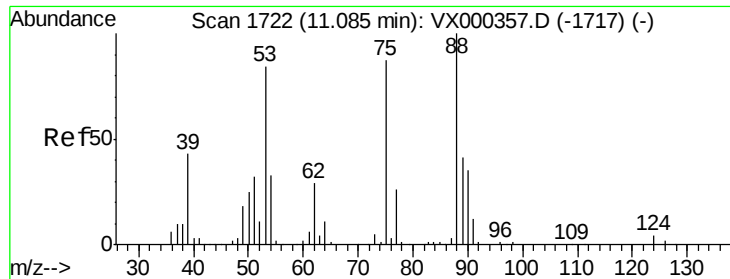
50000

0

11.45 11.50 11.55 11.60

Time-->





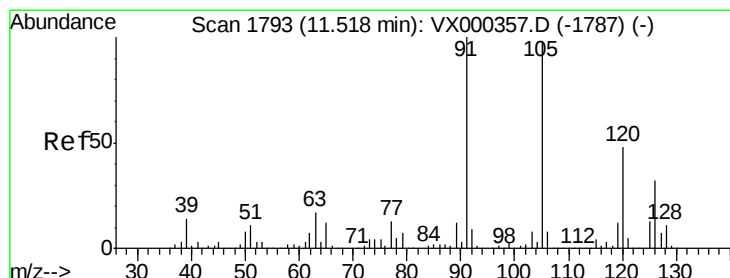
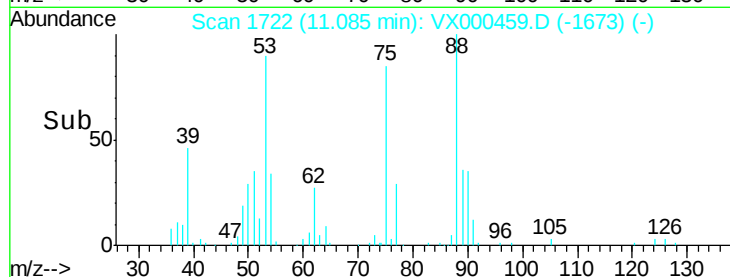
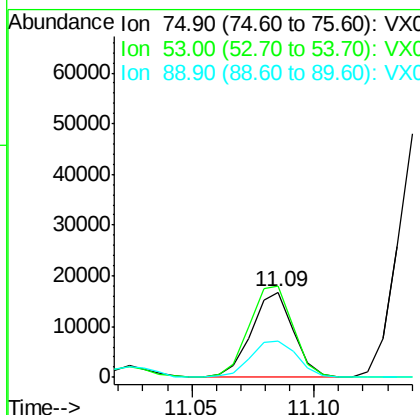
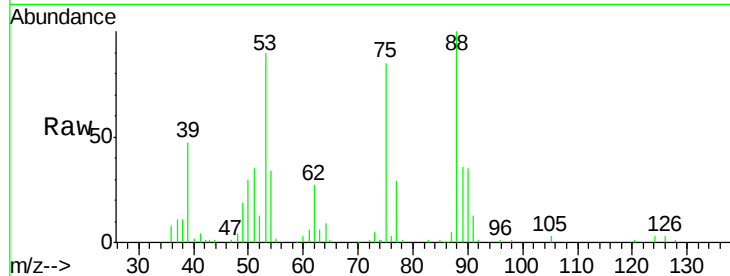
#81
trans-1,4-Dichloro-2-butene
Concen: 21.40 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	113.5	80.7	121.1
89	48.0	39.4	59.0

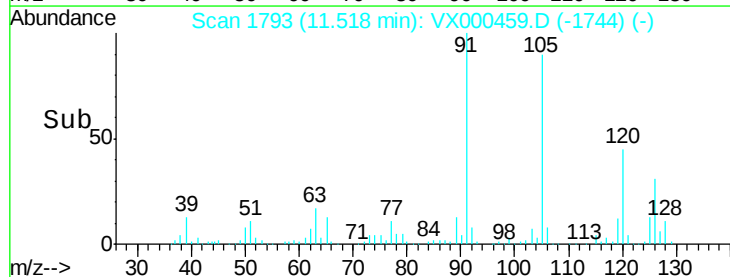
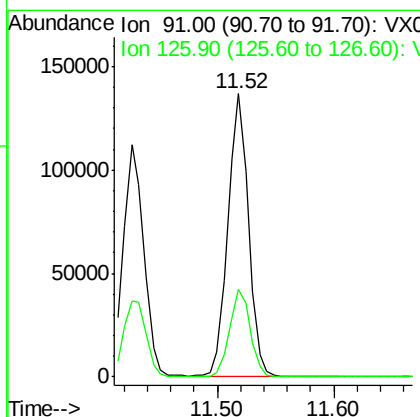
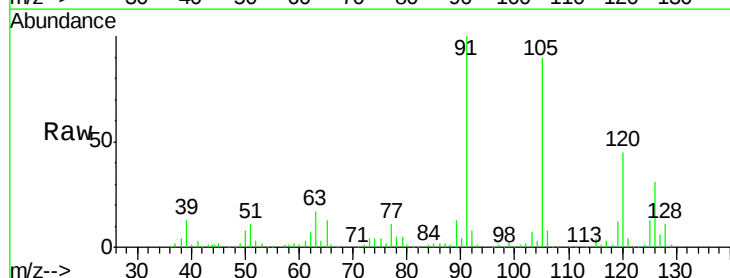
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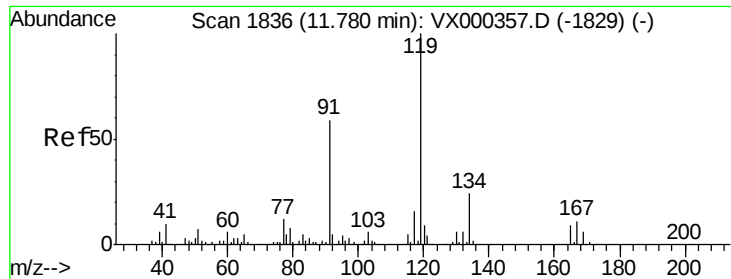
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#82
4-Chlorotoluene
Concen: 22.05 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.4	46.1





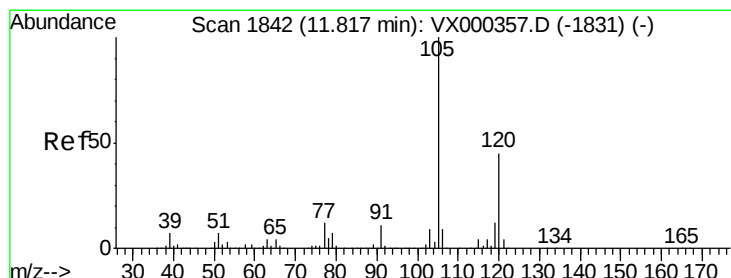
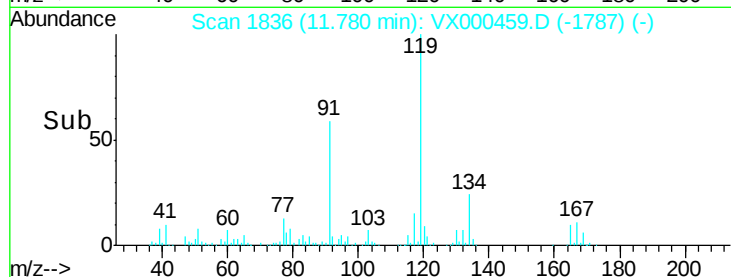
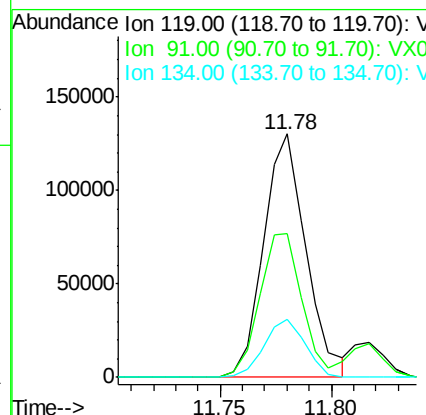
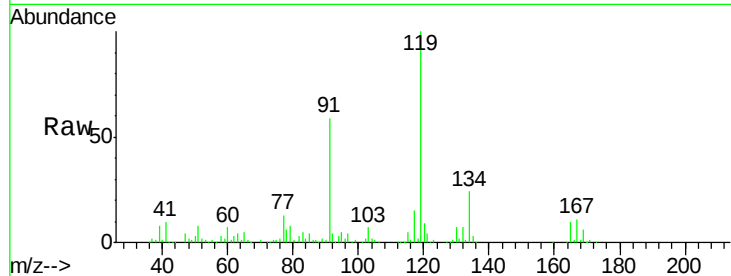
#83
 tert-Butylbenzene
 Concen: 21.88 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	172480		
91	58.8		28.8	86.4
134	23.2		11.4	34.1

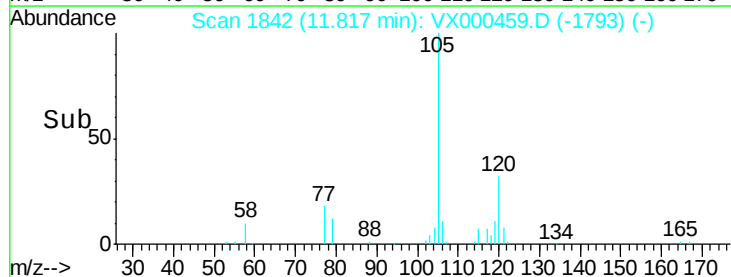
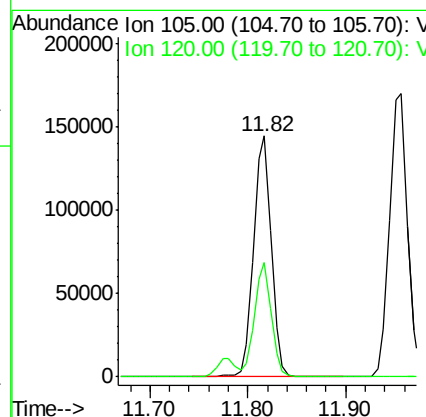
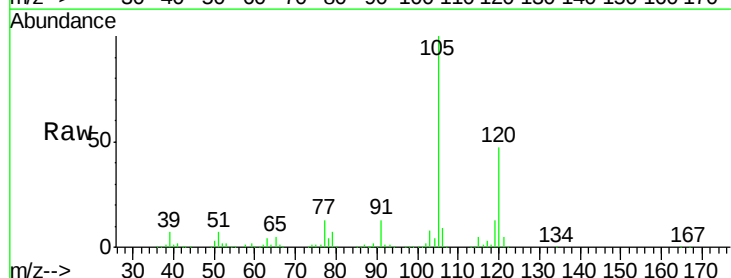
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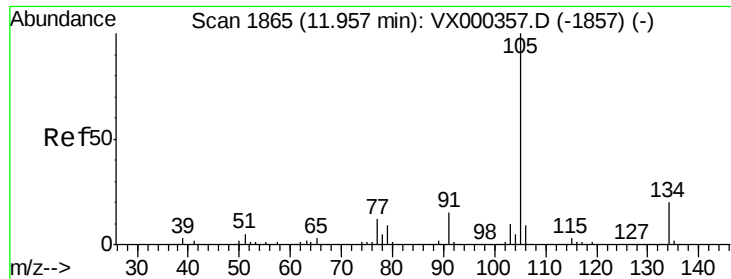
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#84
 1,2,4-Trimethylbenzene
 Concen: 22.13 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	181374		
120	45.0		22.4	67.3





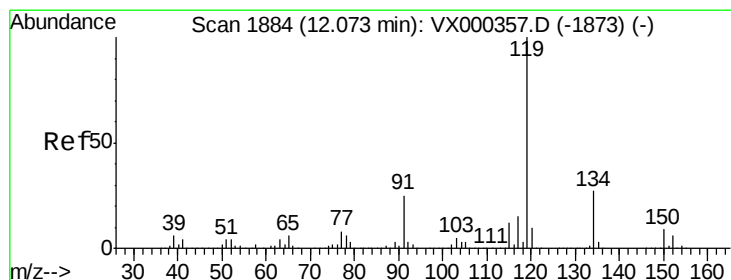
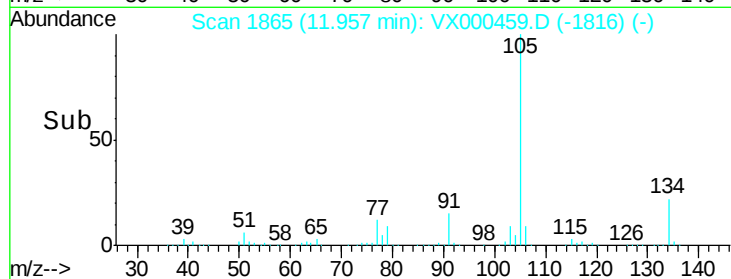
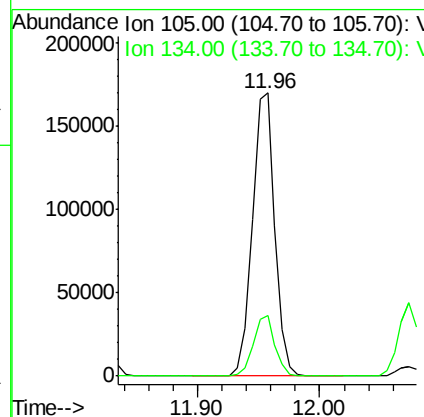
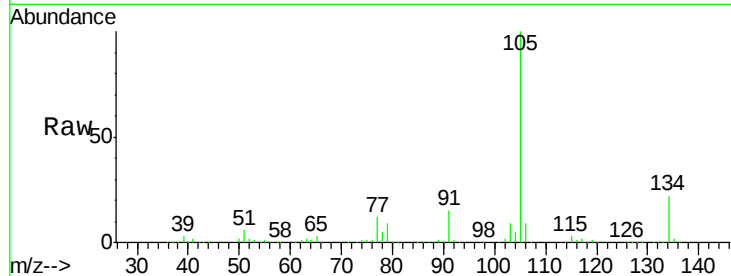
#85
 sec-Butylbenzene
 Concen: 22.17 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.6	10.3	30.8

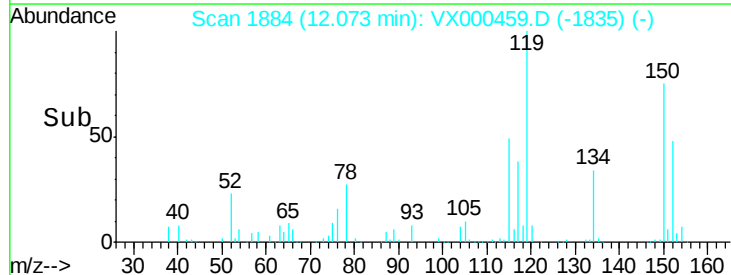
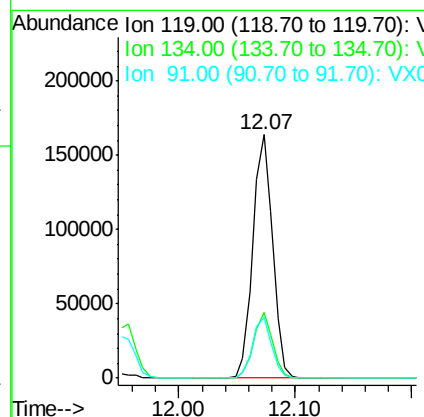
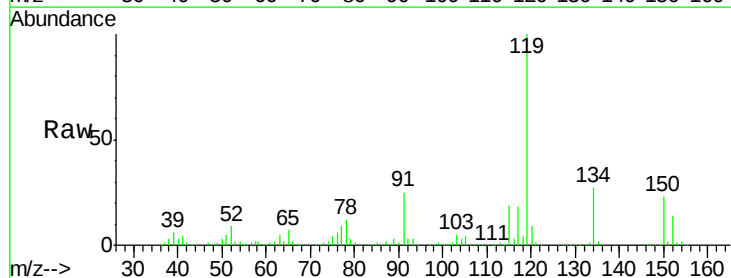
Manual Integrations
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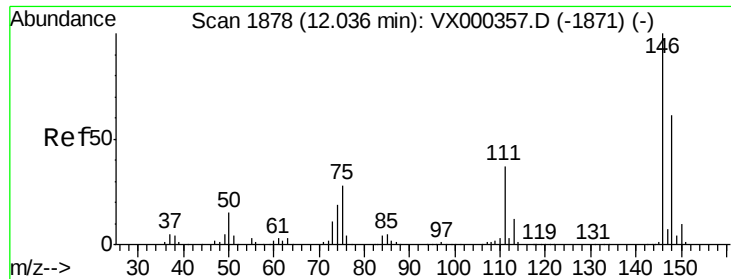
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 3/28/2018 11:41:55 AM



#86
 p-Isopropyltoluene
 Concen: 22.47 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.3	39.9
91	24.5	12.0	36.1





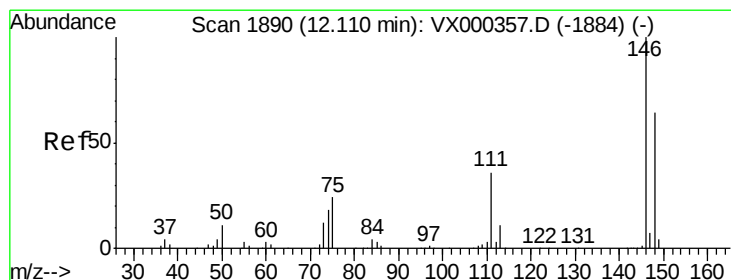
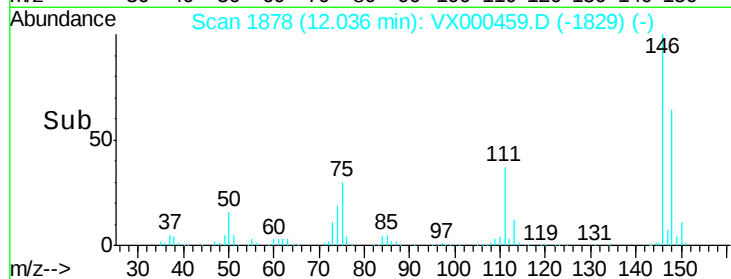
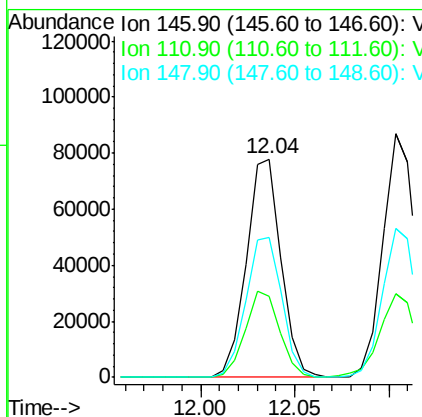
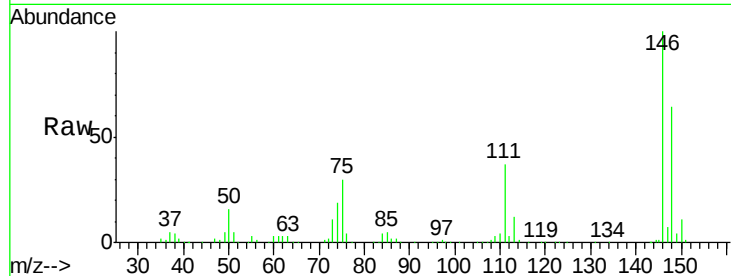
#87
 1,3-Dichlorobenzene
 Concen: 21.28 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.5	58.5
148	66.5	32.4	97.0

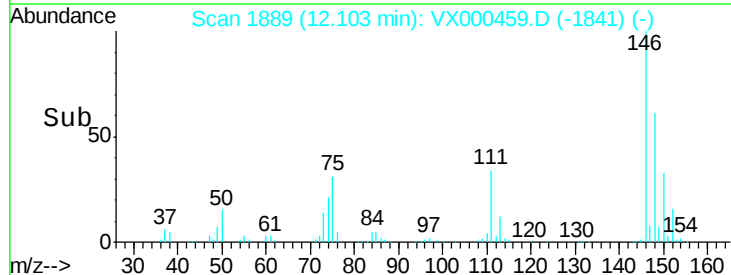
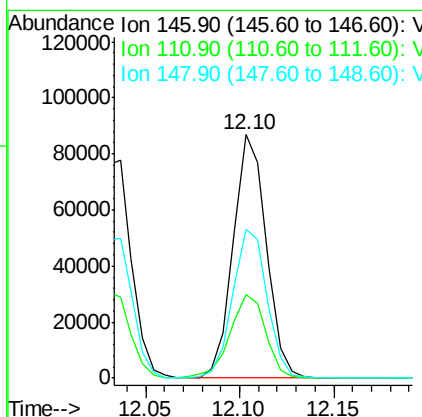
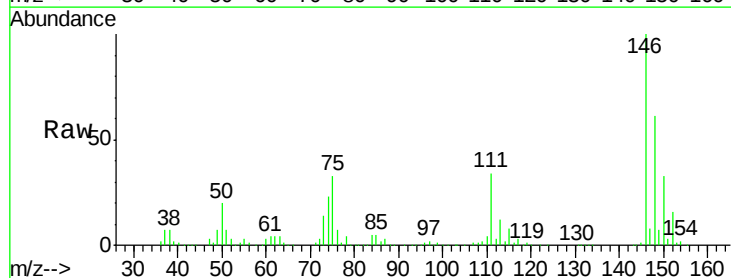
Manual Integrations
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#88
 1,4-Dichlorobenzene
 Concen: 21.50 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.9	56.9
148	63.7	31.0	93.0





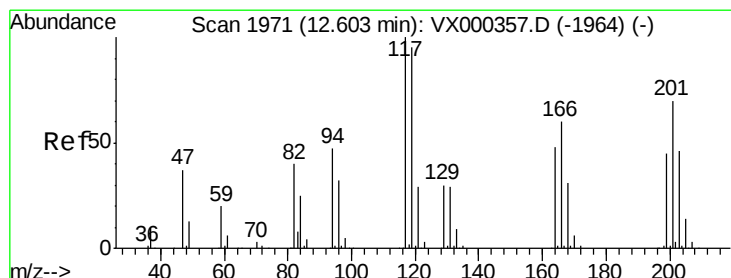
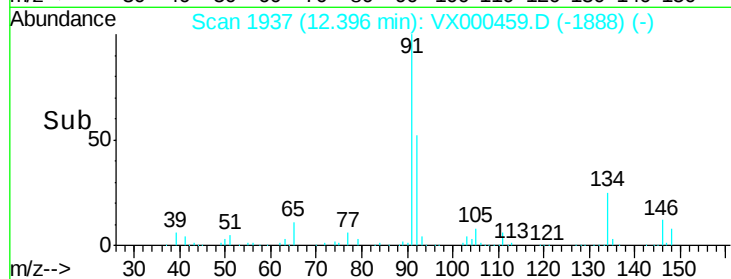
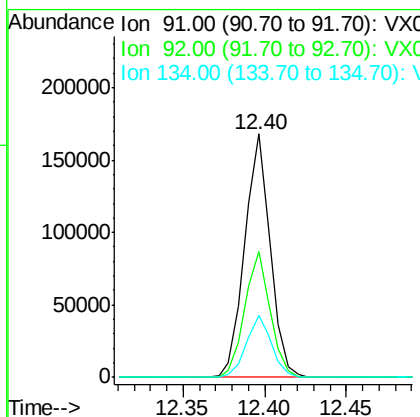
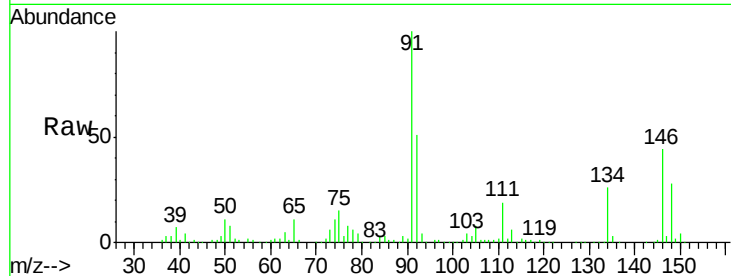
#89
n-Butylbenzene
Concen: 22.81 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.3	25.9	77.8
134	25.3	13.1	39.3

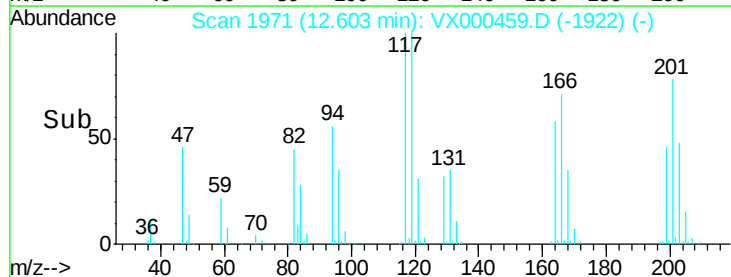
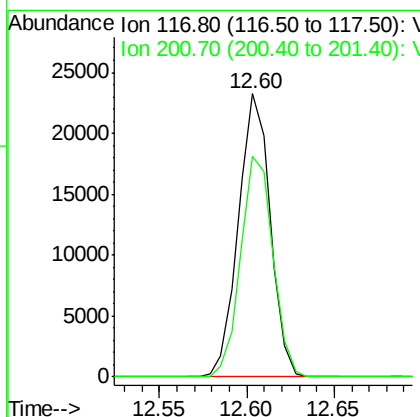
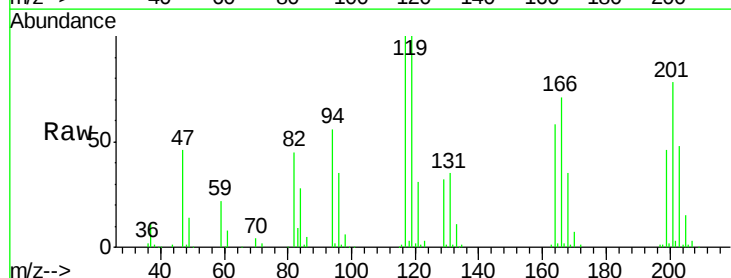
Manual Integrations
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#90
Hexachloroethane
Concen: 21.58 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000459.D
Acq: 27 Mar 2018 15:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.9	37.9	113.6





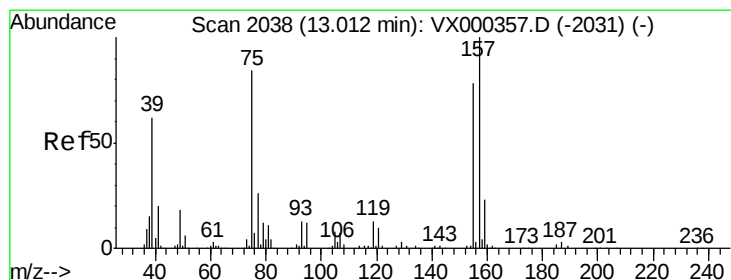
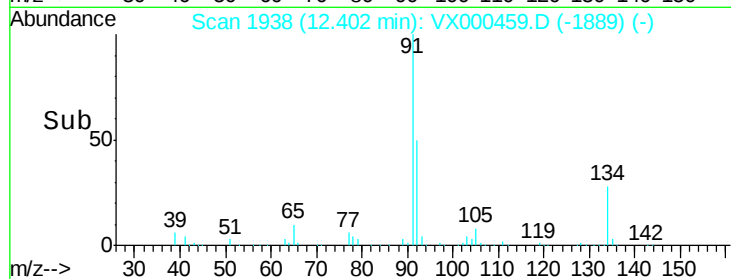
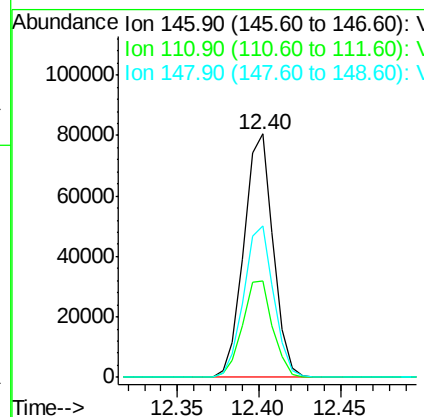
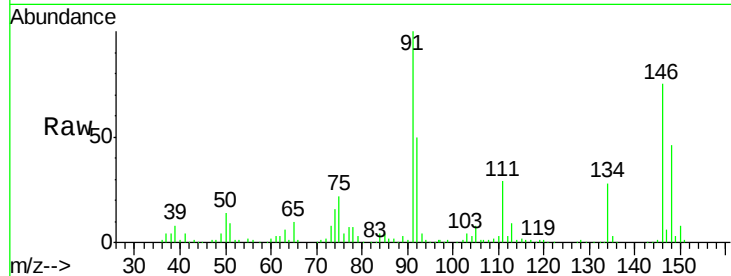
#91
 1,2-Dichlorobenzene
 Concen: 21.97 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	100858		
111	40.9		20.1	60.2
148	63.6		31.2	93.6

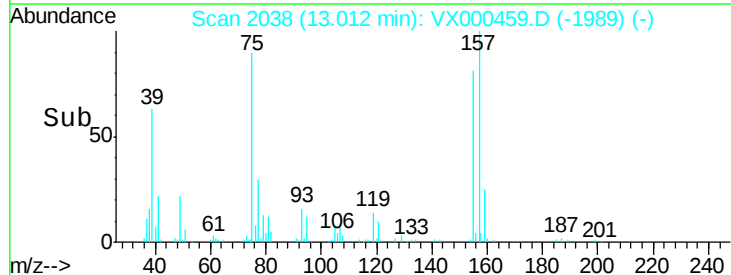
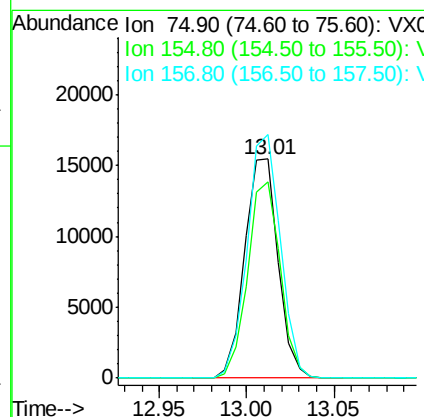
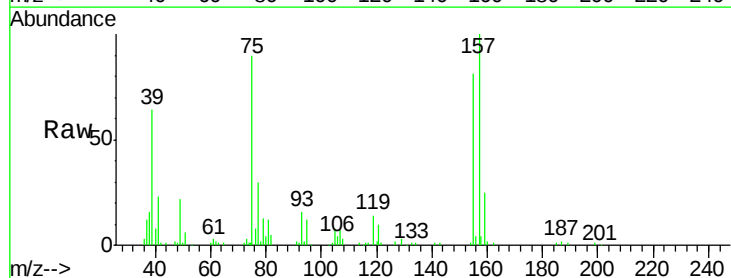
Manual Integrations
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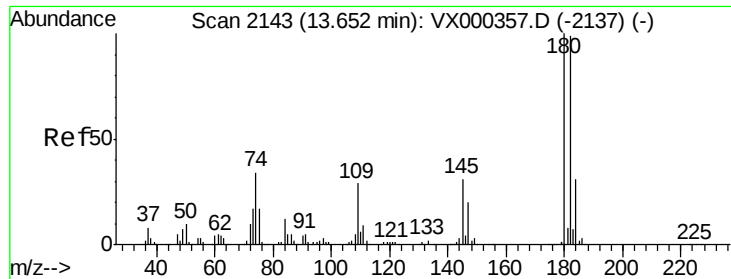
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.41 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	20548		
155	87.3		45.0	134.8
157	110.3		58.1	174.2





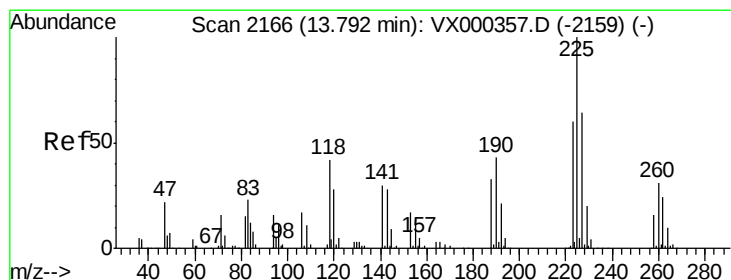
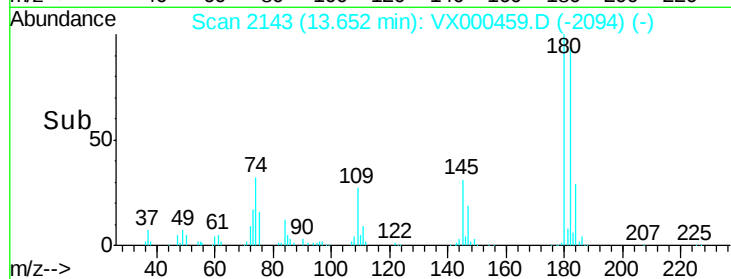
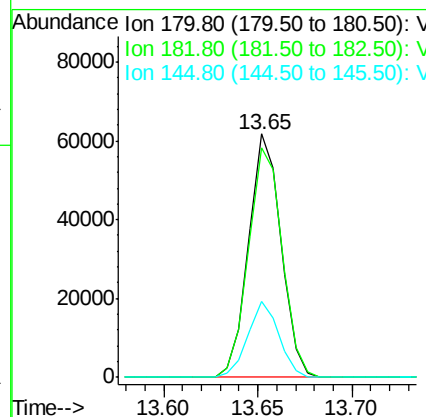
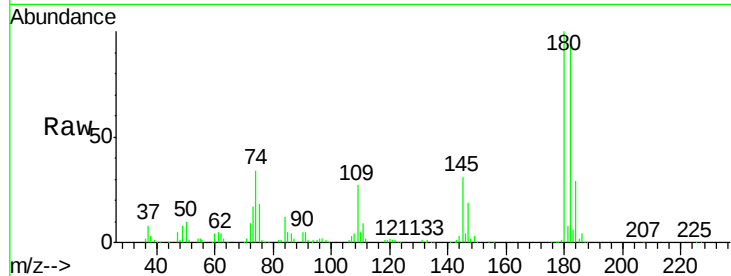
#93
 1,2,4-Trichlorobenzene
 Concen: 22.44 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS01

Tot Ion:	180	Resp:	73838
Ion Ratio	Lower	Upper	
180	100		
182	97.6	47.6	142.9
145	29.9	15.1	45.3

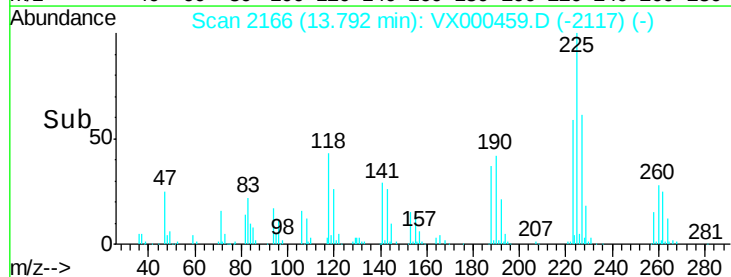
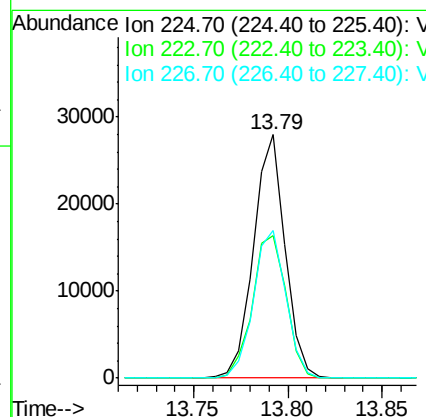
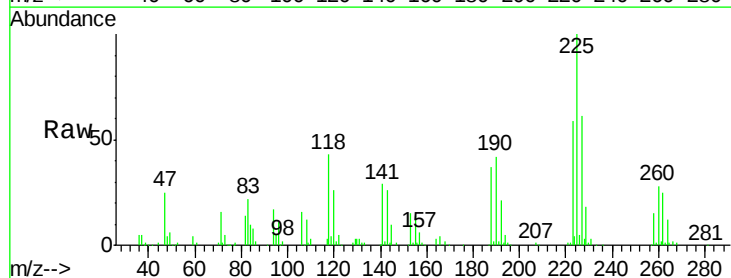
Manual Integrations
 APPROVED

MMDadoda
 3/28/2018 11:41:55 AM



#94
 Hexachlorobutadiene
 Concen: 23.73 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000459.D
 Acq: 27 Mar 2018 15:21

Tgt Ion:	225	Resp:	32330
Ion Ratio	Lower	Upper	
225	100		
223	62.8	32.0	96.0
227	62.6	32.6	98.0





#95

Naphthalene

Concen: 22.98 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Instrument :

MSVOA_X

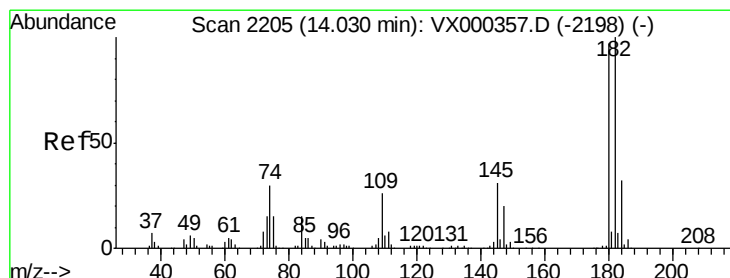
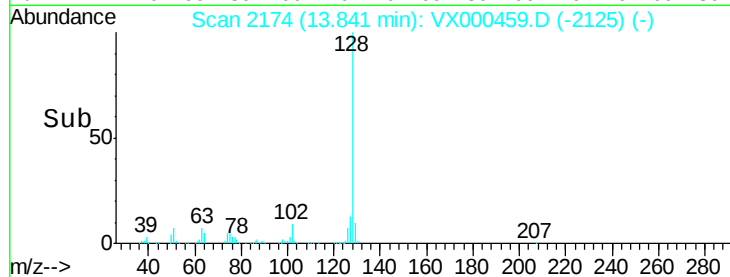
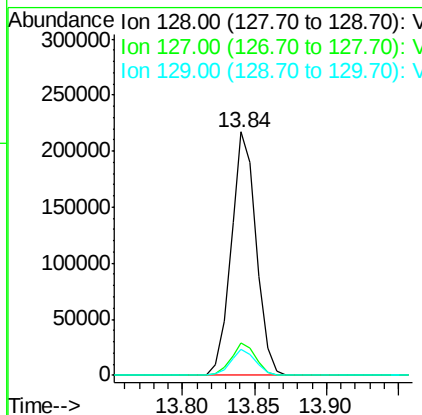
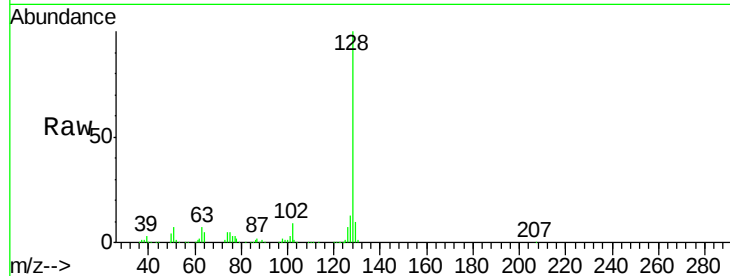
ClientSampleId :

VX0327WBS01

Tot Ion:	128	Resp:	263373
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	15.8
129	10.5	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
3/28/2018 11:41:55 AM



#96

1,2,3-Trichlorobenzene

Concen: 23.71 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000459.D

Acq: 27 Mar 2018 15:21

Tgt Ion:	180	Resp:	77106
Ion Ratio	Lower	Upper	
180	100		
182	93.2	47.4	142.3
145	30.7	15.8	47.3

