

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042818\
 Data File : VX001225.D
 Acq On : 28 Apr 2018 20:13
 Operator : JC/MD
 Sample : J2547-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW102-180423MS

Manual Integrations
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 5/1/2018 7:45:29 PM

Quant Time: Apr 30 03:15:49 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	196617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	263612	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	257792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	178362	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	134657	44.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.36%	
35) Dibromofluoromethane	5.51	113	111229	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
50) Toluene-d8	8.72	98	412781	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
62) 4-Bromofluorobenzene	11.15	95	160508	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	92389	44.81	ug/l	99
3) Chloromethane	1.32	50	85719	39.69	ug/l	100
4) Vinyl Chloride	1.40	62	114946	50.17	ug/l	100
5) Bromomethane	1.64	94	62802	44.57	ug/l	98
6) Chloroethane	1.72	64	69182	47.97	ug/l	98
7) Trichlorofluoromethane	1.93	101	186000	50.27	ug/l	98
8) Diethyl Ether	2.19	74	67700	47.59	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	102405	50.23	ug/l	99
10) Methyl Iodide	2.51	142	173364	77.19	ug/l	99
11) Tert butyl alcohol	3.09	59	169415	281.88	ug/l	100
12) 1,1-Dichloroethene	2.37	96	89832	45.18	ug/l	99
13) Acrolein	2.30	56	44010	193.70	ug/l	98
14) Allyl chloride	2.73	41	181497	50.04	ug/l	99
15) Acrylonitrile	3.16	53	301924	235.24	ug/l	99
16) Acetone	2.45	43	334675	267.03	ug/l	100
17) Carbon Disulfide	2.57	76	243563	48.01	ug/l	100
18) Methyl Acetate	2.78	43	158391	50.50	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	351117	47.97	ug/l	99
20) Methylene Chloride	2.86	84	107657	46.12	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	99950	45.48	ug/l	99
22) Diisopropyl ether	3.89	45	331439	45.67	ug/l	99
23) Vinyl Acetate	3.84	43	1382091	224.49	ug/l	99
24) 1,1-Dichloroethane	3.70	63	181019	47.46	ug/l	98
25) 2-Butanone	4.72	43	440082	234.67	ug/l	99
26) 2,2-Dichloropropane	4.59	77	123657	41.19	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	122305	50.82	ug/l	98
28) Bromochloromethane	5.03	49	78899	46.13	ug/l	97
29) Tetrahydrofuran	5.18	42	275386	228.39	ug/l	99
30) Chloroform	5.23	83	197771	48.76	ug/l	100
31) Cyclohexane	5.58	56	152175	46.96	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	172645	49.31	ug/l	99
36) 1,1-Dichloropropene	5.81	75	139180	47.91	ug/l	99
37) Ethyl Acetate	4.87	43	164810	47.38	ug/l	99
38) Carbon Tetrachloride	5.79	117	154927	52.01	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	155651	48.41	ug/l	97
40) Benzene	6.15	78	432340	51.45	ug/l	99
41) Methacrylonitrile	5.07	41	87375	44.70	ug/l	98
42) 1,2-Dichloroethane	6.21	62	164766	48.66	ug/l	100
43) Isopropyl Acetate	6.48	43	264039	48.33	ug/l	100
44) Trichloroethene	7.22	130	125796	50.25	ug/l	96
45) 1,2-Dichloropropane	7.52	63	108643	49.16	ug/l	97
46) Dibromomethane	7.67	93	78148	51.06	ug/l	99
47) Bromodichloromethane	7.91	83	145361	52.27	ug/l	99
48) Methyl methacrylate	7.79	41	114876	39.56	ug/l	98
49) 1,4-Dioxane	7.76	88	59684	1026.54	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	924099	257.50	ug/l	99
52) Toluene	8.79	92	281572	51.24	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	165716	51.26	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	155879	44.77	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	116644	50.17	ug/l	99
56) Ethyl methacrylate	9.19	69	143843	41.76	ug/l	98
57) 1,3-Dichloropropane	9.38	76	186960	49.71	ug/l	100
59) 2-Hexanone	9.51	43	723097	257.16	ug/l	100
60) Dibromochloromethane	9.59	129	127658	47.21	ug/l	99
61) 1,2-Dibromoethane	9.68	107	125166	51.39	ug/l	99
64) Tetrachloroethene	9.34	164	131356	47.74	ug/l	96
65) Chlorobenzene	10.15	112	646780	95.76	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	125164	53.56	ug/l	99
67) Ethyl Benzene	10.26	91	542695	49.45	ug/l	100
68) m/p-Xylenes	10.37	106	409724	94.44	ug/l	100
69) o-Xylene	10.71	106	206199	49.00	ug/l	99
70) Stvrene	10.72	104	115364	16.47	ug/l #	79
71) Bromoform	10.87	173	106342	43.93	ug/l	100
73) Isopropylbenzene	11.02	105	562762	48.41	ug/l	99
74) N-amyl acetate	6.48	43	264039	45.07	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	185382	48.06	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	173806m	47.86	ug/l	
77) Bromobenzene	11.26	156	167471	48.58	ug/l	98
78) n-propylbenzene	11.37	91	635767	49.04	ug/l	100
79) 2-Chlorotoluene	11.43	91	388319	48.32	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	420199	42.69	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	35211	32.80	ug/l	95
82) 4-Chlorotoluene	11.52	91	464568	48.64	ug/l	98
83) tert-Butylbenzene	11.77	119	492306	50.12	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	341206	33.73	ug/l	100
85) sec-Butylbenzene	11.95	105	562126	48.99	ug/l	100
86) p-Isopropyltoluene	12.07	119	483218	45.27	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	308795	49.89	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	318287	49.36	ug/l	99
89) n-Butylbenzene	12.40	91	445814	48.26	ug/l	100
90) Hexachloroethane	12.60	117	79786	46.57	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	315091	50.37	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	42286	49.68	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	232771	47.47	ug/l	99

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QLast Update : Fri Apr 27 01:51:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	104375	45.28	ug/l	99
95) Naphthalene	13.84	128	637637	46.67	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	236064	48.37	ug/l	100

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

```

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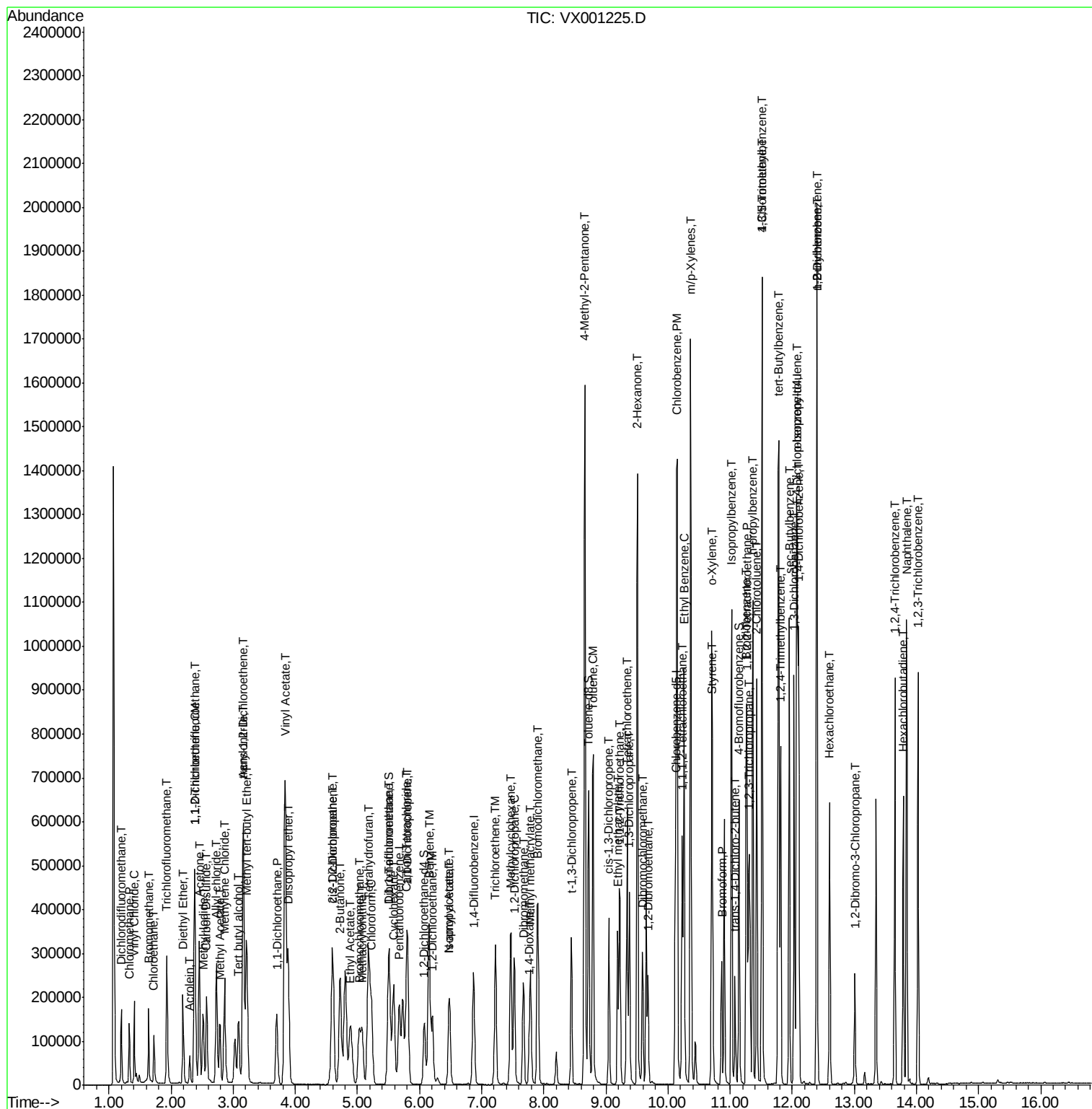
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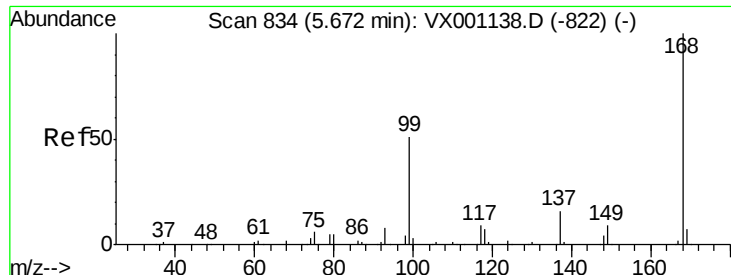
Instrument :
MSVOA_X
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

WP022MW102-180423MS

Tot Ion:168 Resp: 196617

Ion Ratio Lower Upper

168 100

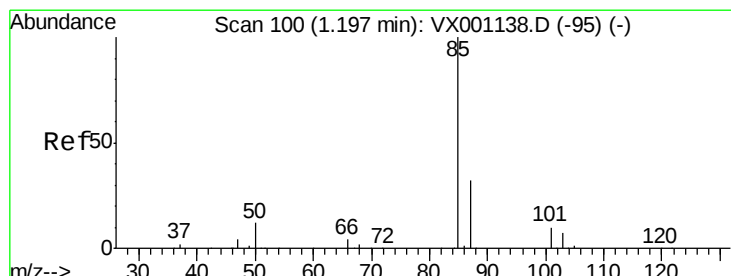
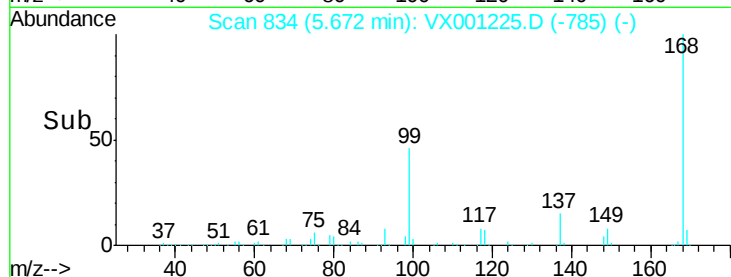
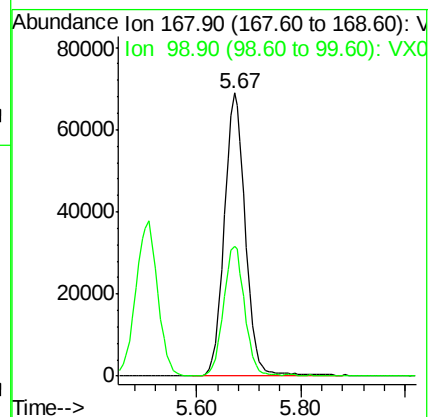
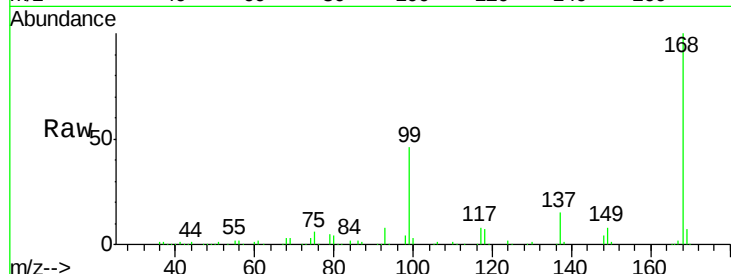
99 45.6 40.6 60.8

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 44.81 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001225.D

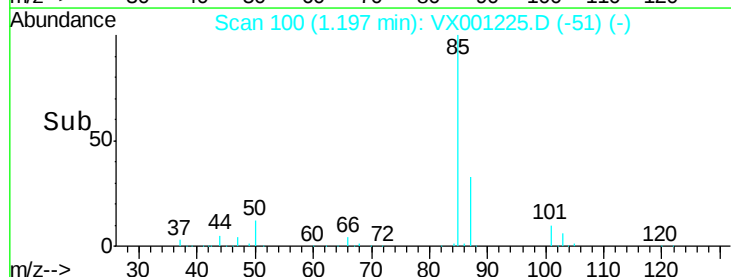
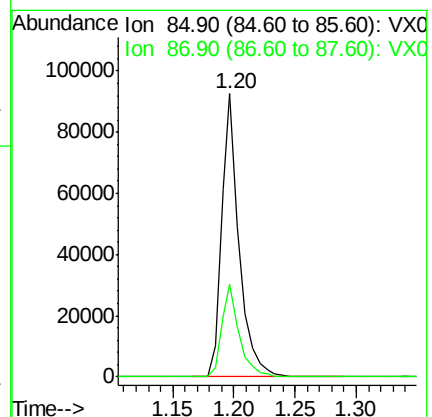
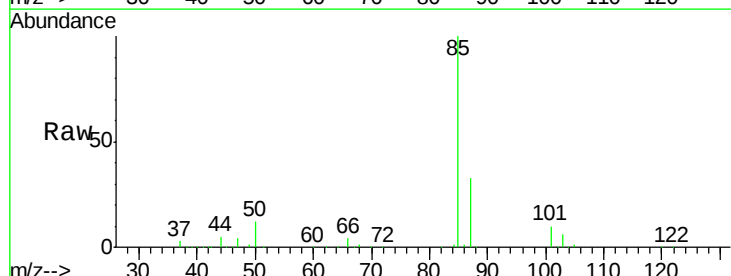
Acq: 28 Apr 2018 20:13

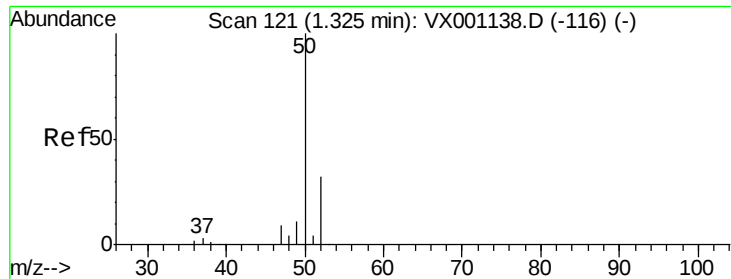
Tgt Ion: 85 Resp: 92389

Ion Ratio Lower Upper

85 100

87 32.5 15.9 47.6





#3

Chloromethane

Concen: 39.69 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

WP022MW102-180423MS

Tot Ion: 50 Resp: 85719

Ion Ratio Lower Upper

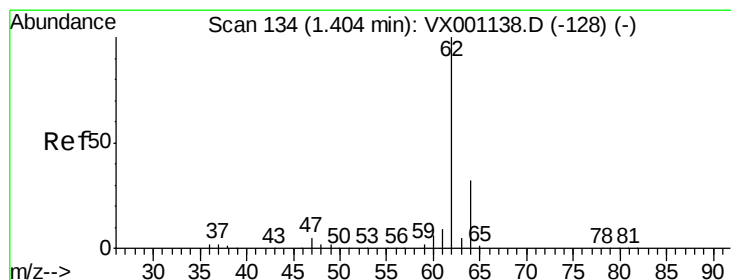
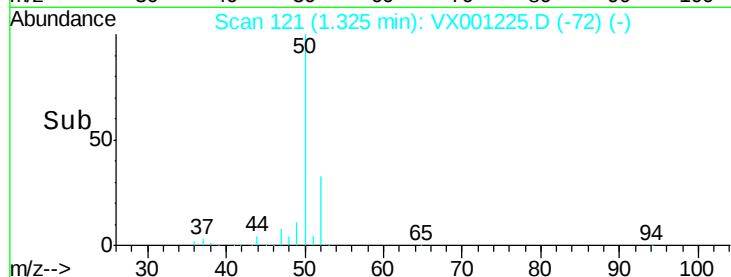
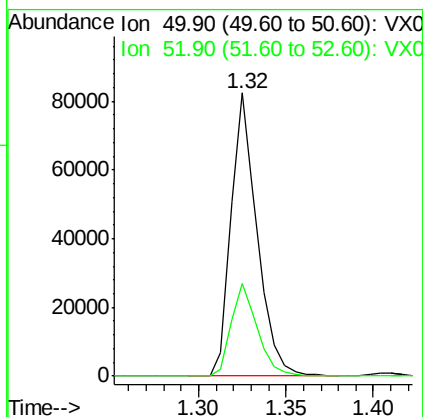
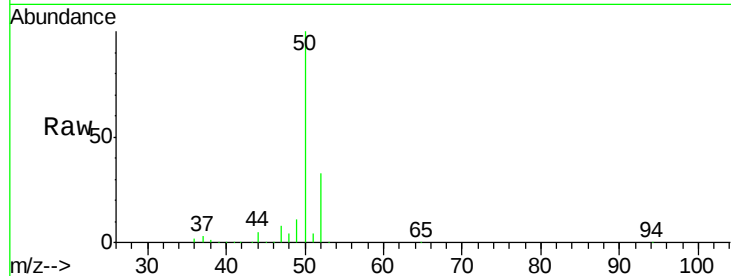
50 100

52 32.5 25.9 38.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 50.17 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001225.D

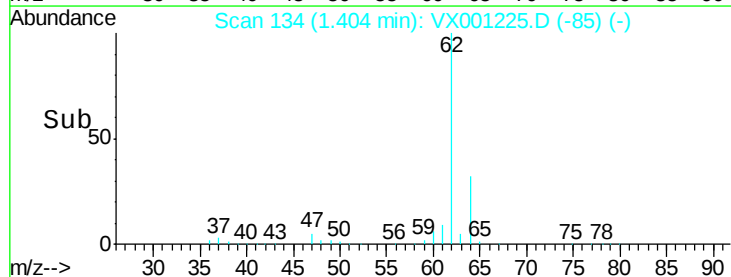
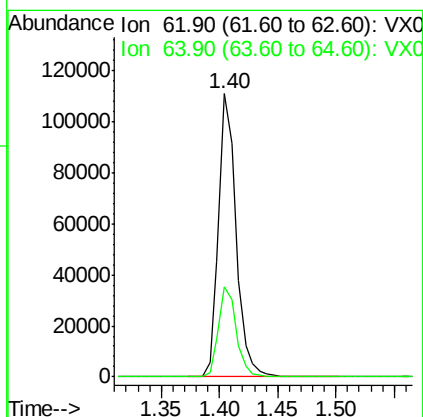
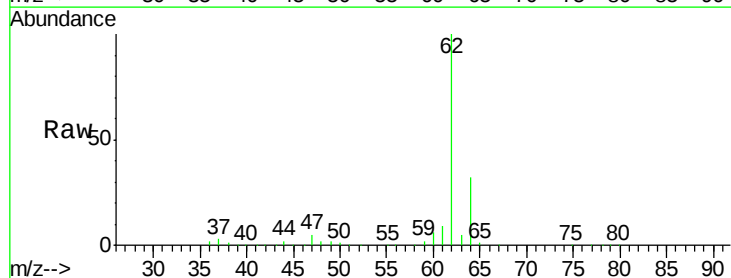
Acq: 28 Apr 2018 20:13

Tgt Ion: 62 Resp: 114946

Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4





#5

Bromomethane

Concen: 44.57 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

WP022MW102-180423MS

Tot Ion: 94 Resp: 62802

Ion Ratio Lower Upper

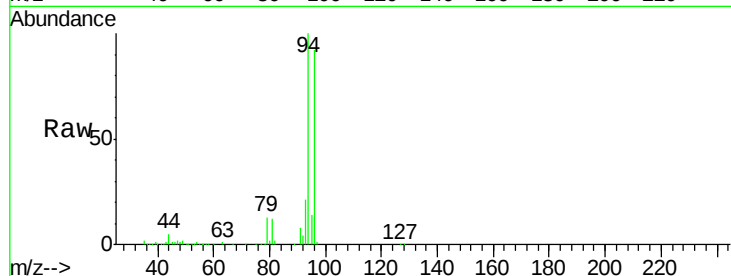
94 100

96 92.5 75.3 112.9

Manual Integrations
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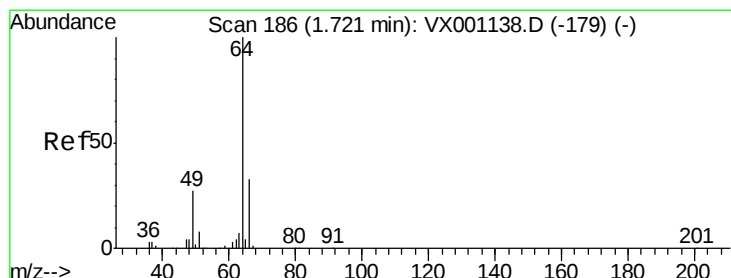
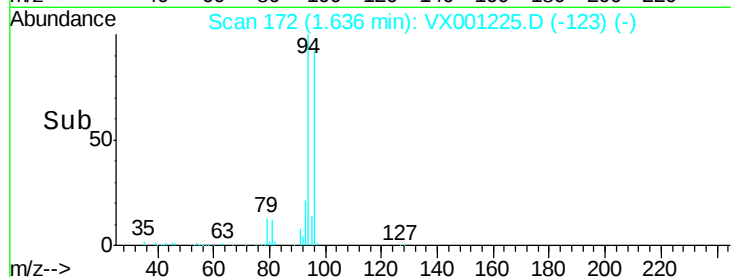
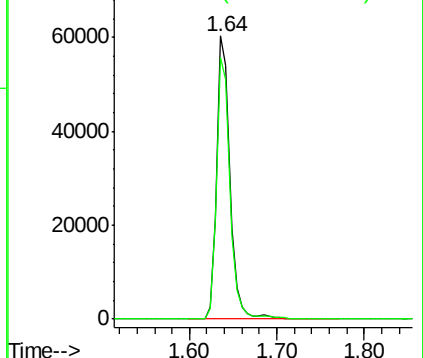
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.97 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX001225.D

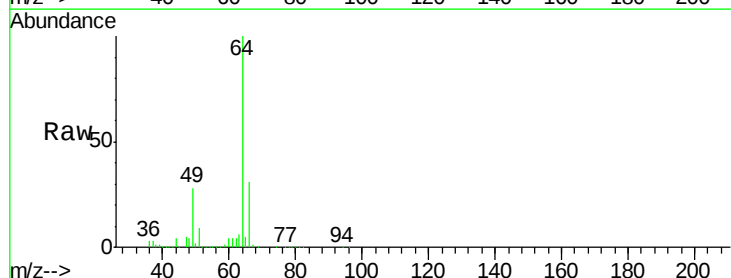
Acq: 28 Apr 2018 20:13

Tgt Ion: 64 Resp: 69182

Ion Ratio Lower Upper

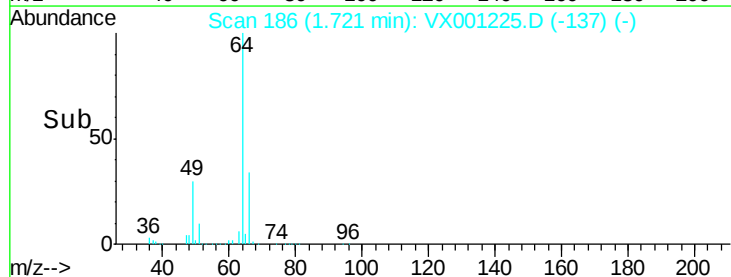
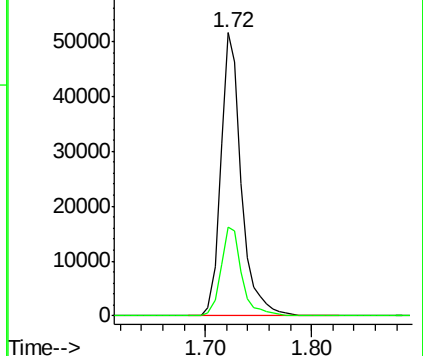
64 100

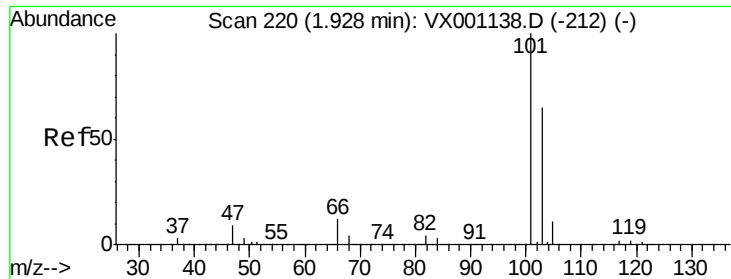
66 31.5 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

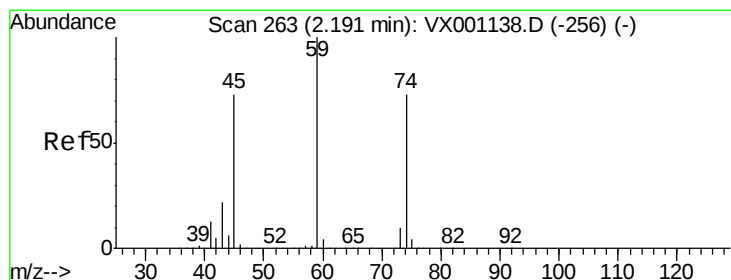
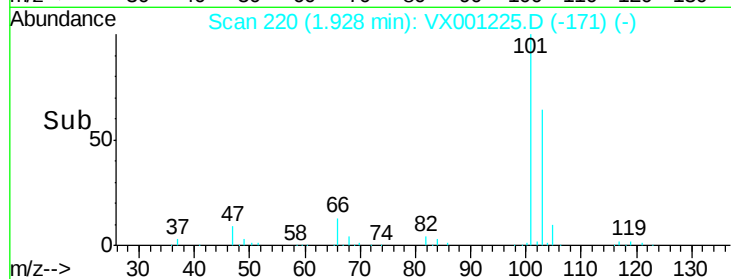
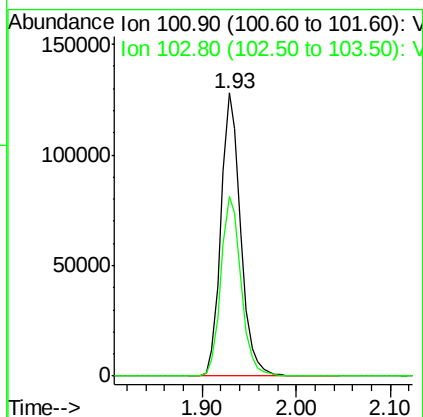
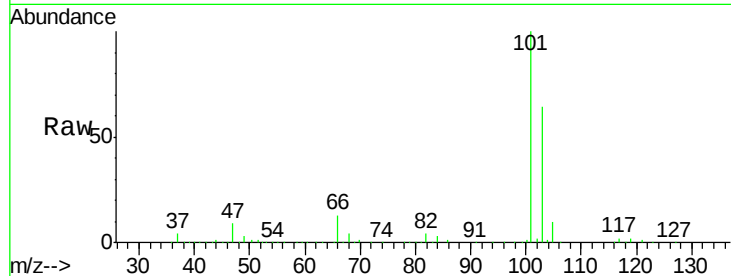
Trichlorofluoromethane
Concen: 50.27 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

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MSVOA_X
ClientSampleId :
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Tot Ion:101 Resp: 186000
Ion Ratio Lower Upper
101 100
103 63.6 51.9 77.9

Manual Integrations
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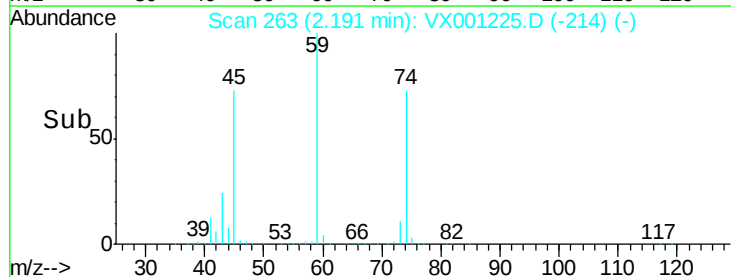
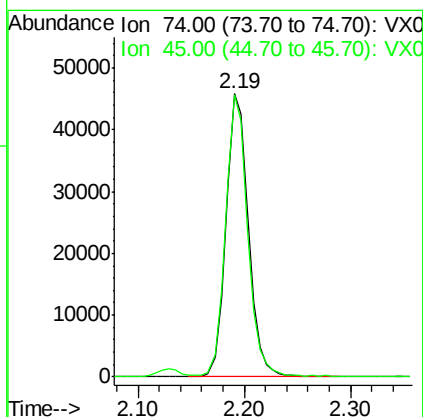
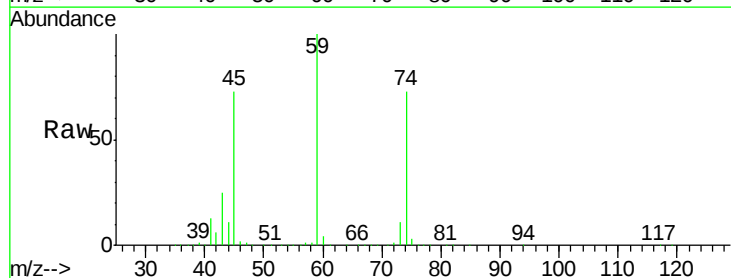
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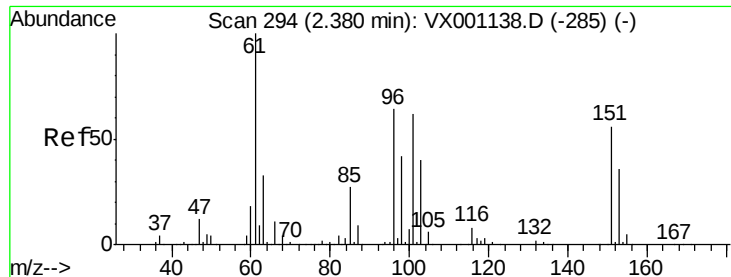


#8

Diethyl Ether
Concen: 47.59 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Tgt Ion: 74 Resp: 67700
Ion Ratio Lower Upper
74 100
45 97.3 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.23 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

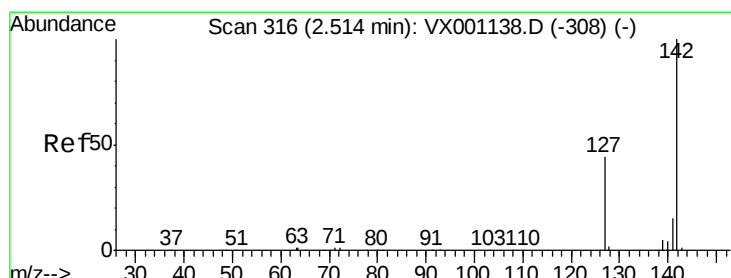
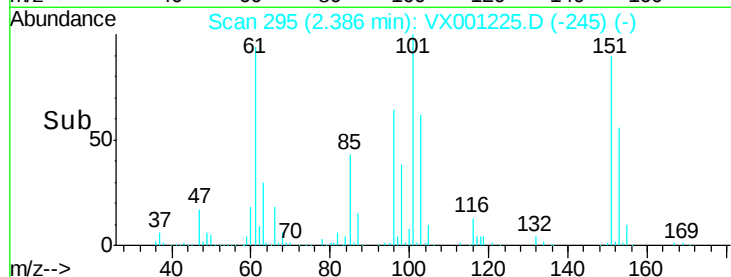
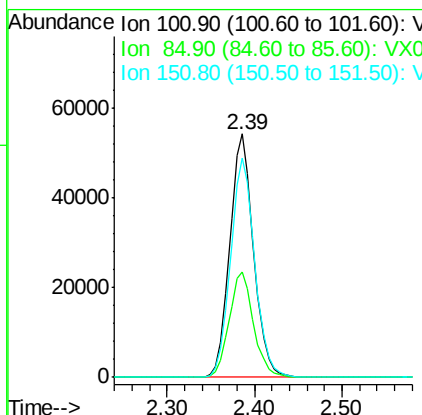
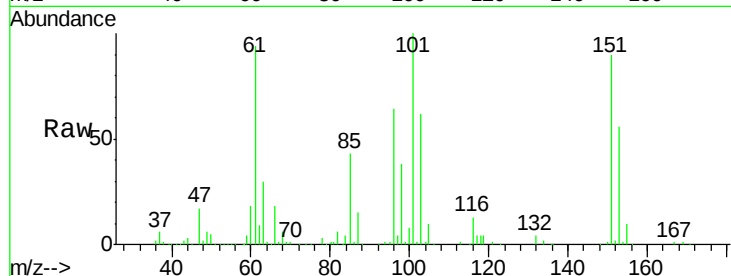
ClientSampleId :

WP022MW102-180423MS

Tot Ion:	101	Resp:	102405
Ion Ratio	Lower	Upper	
101	100		
85	44.2	35.4	53.0
151	91.6	74.2	111.4

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#10

Methyl Iodide

Concen: 77.19 ug/l

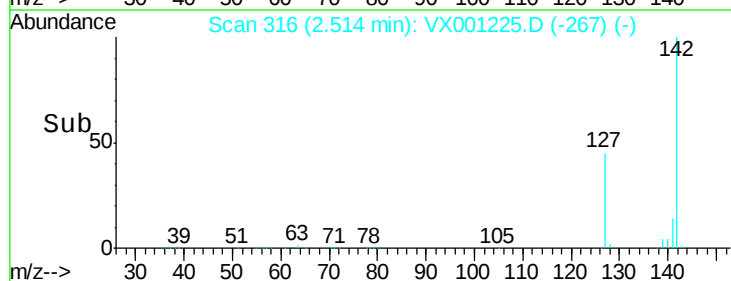
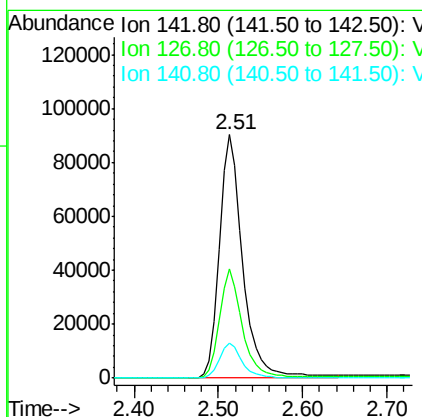
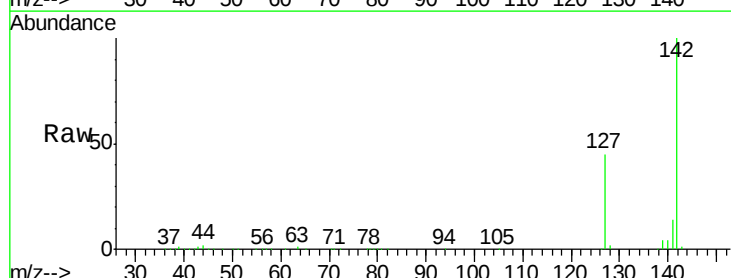
RT: 2.51 min Scan# 316

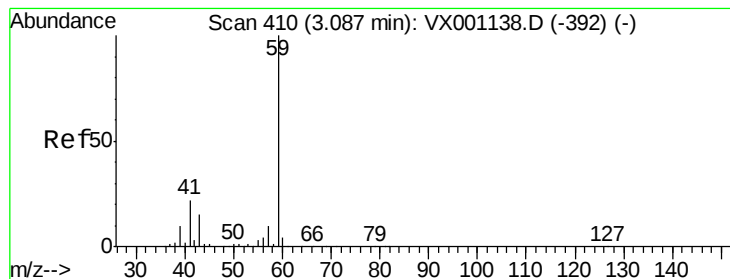
Delta R.T. 0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Tgt Ion:	142	Resp:	173364
Ion Ratio	Lower	Upper	
142	100		
127	43.8	34.7	52.1
141	14.2	11.6	17.4





#11

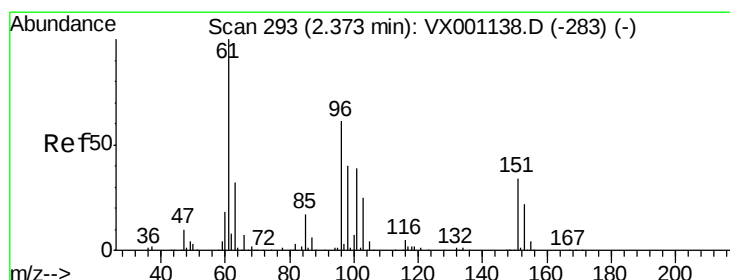
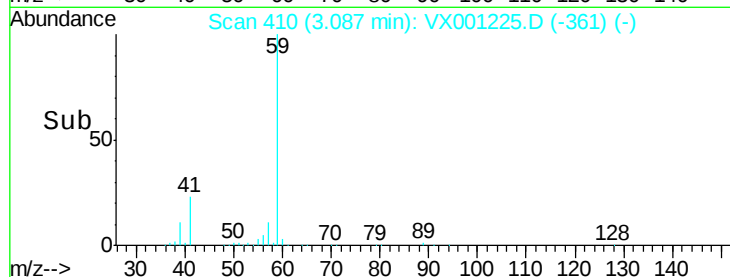
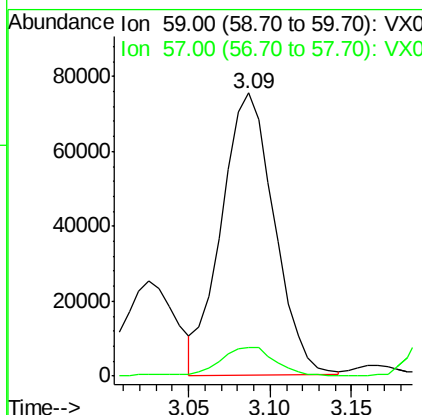
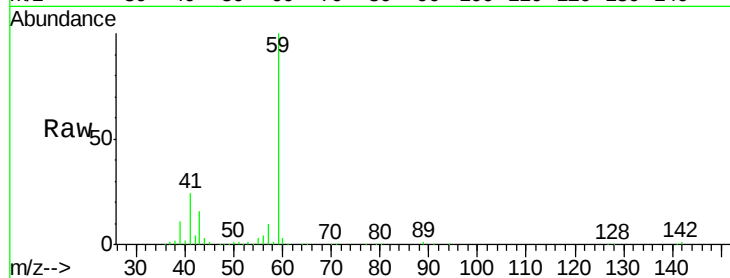
Tert butyl alcohol
Concen: 281.88 ug/l
RT: 3.09 min Scan# 410
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	169415		
57	57	10.4		8.2	12.4

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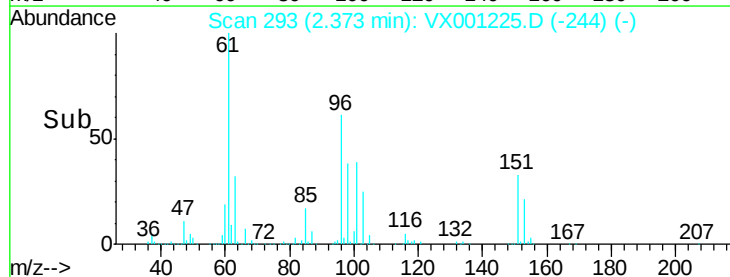
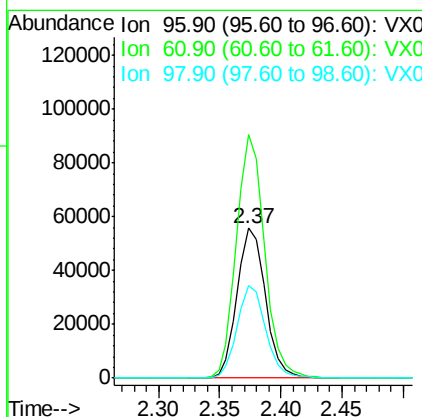
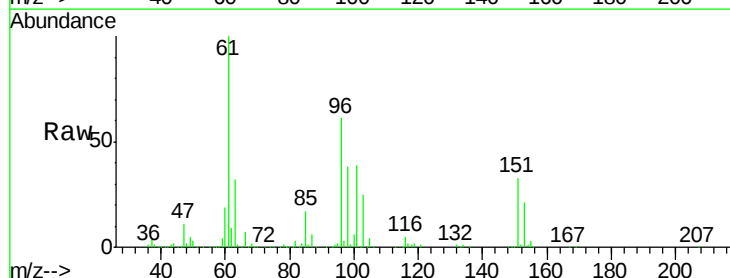
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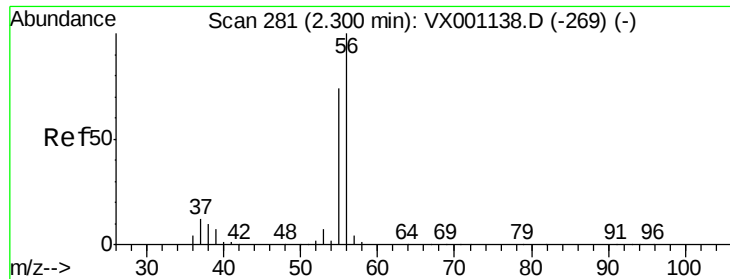


#12

1,1-Dichloroethene
Concen: 45.18 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	89832		
61	61	162.8		130.2	195.4
98	98	62.1		51.5	77.3





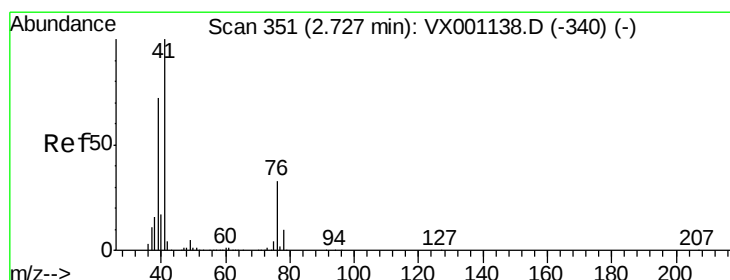
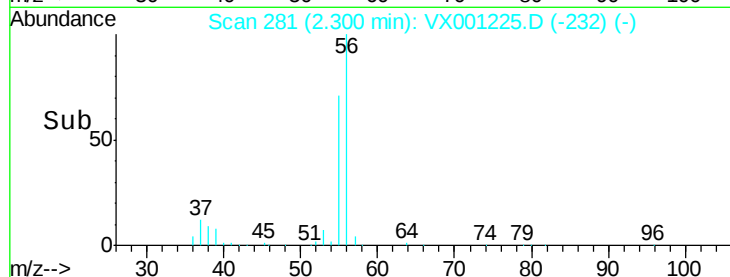
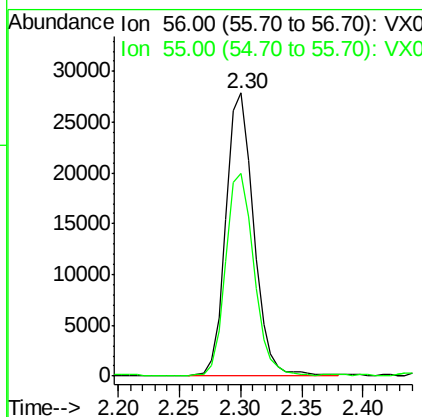
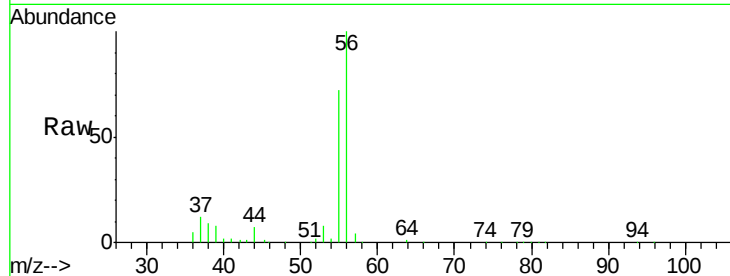
#13
Acrolein
Concen: 193.70 ug/l
RT: 2.30 min Scan# 281
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423MS

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	73.1	57.2	85.8	

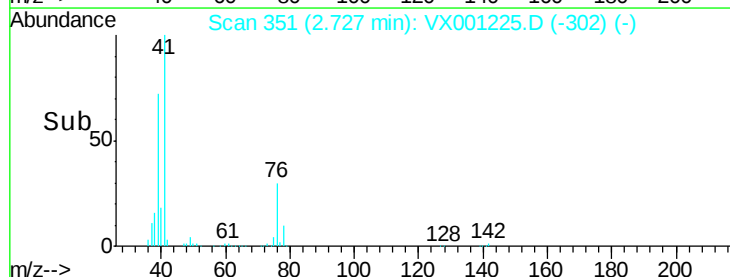
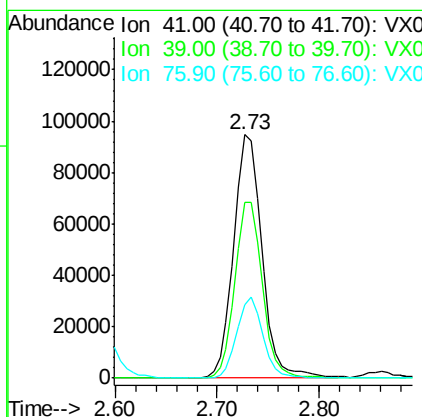
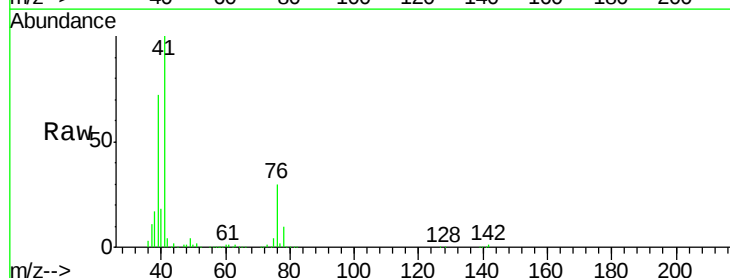
Manual Integrations
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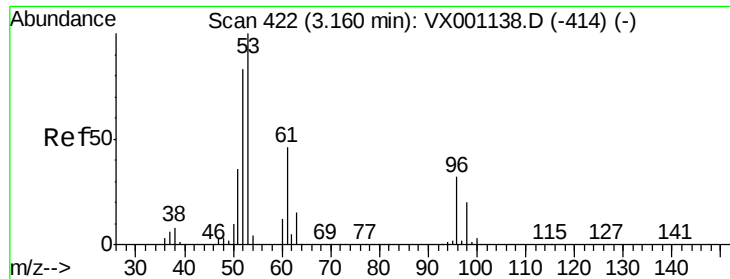
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#14
Allyl chloride
Concen: 50.04 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	70.0	55.6	83.4	
76	30.4	24.8	37.2	





#15

Acrylonitrile

Concen: 235.24 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

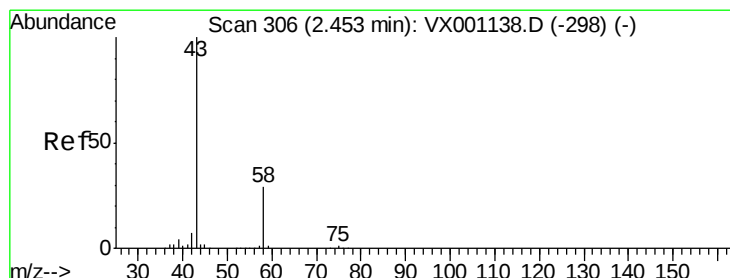
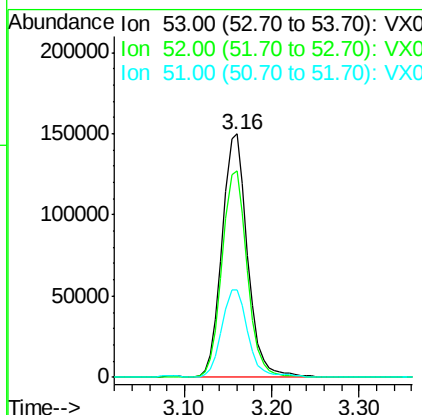
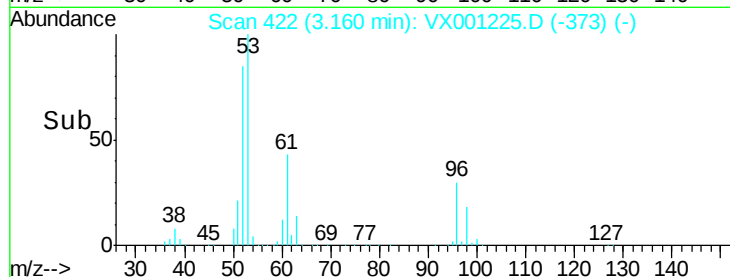
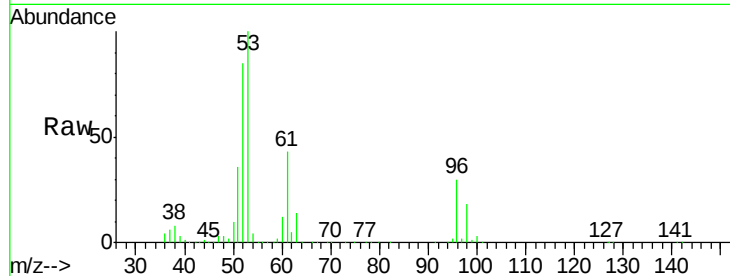
ClientSampleId :

WP022MW102-180423MS

Tot Ion:	53	Resp:	301924
Ion	Ratio	Lower	Upper
53	100		
52	84.2	66.5	99.7
51	37.5	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 267.03 ug/l

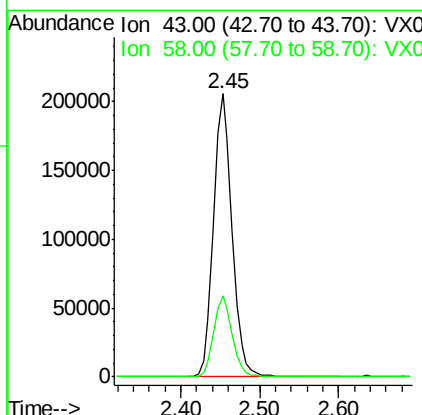
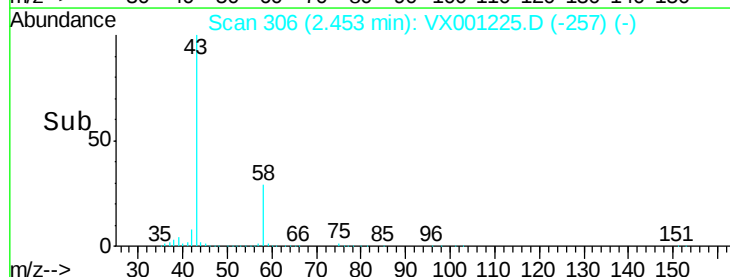
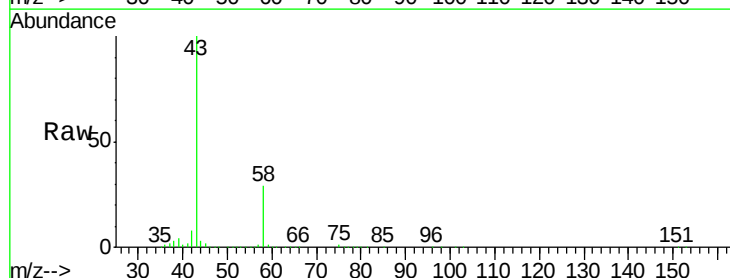
RT: 2.45 min Scan# 306

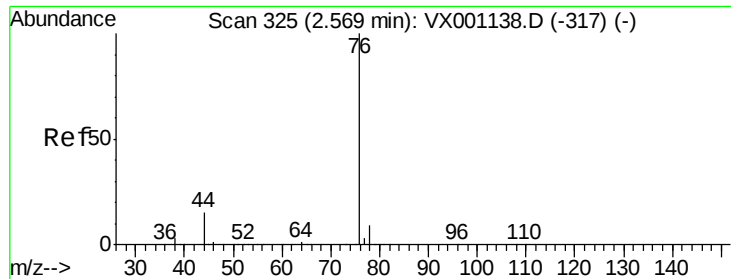
Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Tgt Ion:	43	Resp:	334675
Ion	Ratio	Lower	Upper
43	100		
58	28.6	23.0	34.6





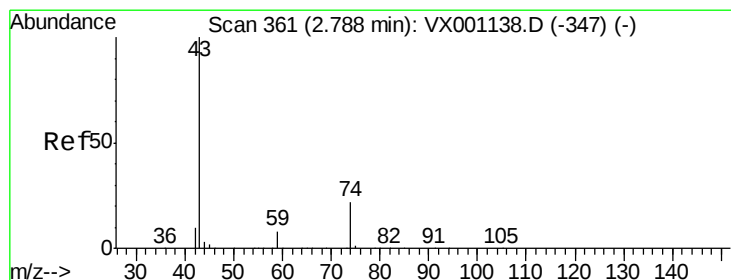
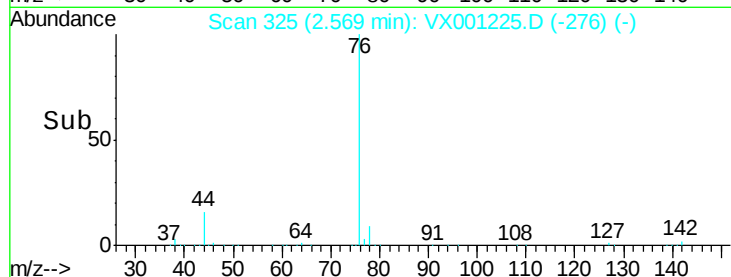
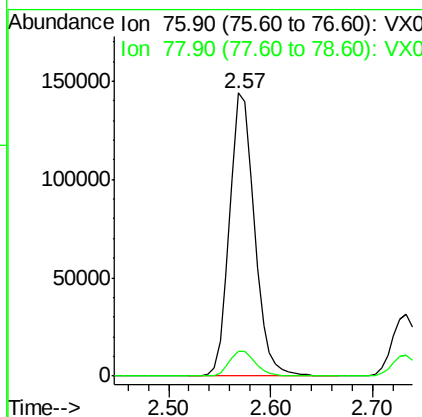
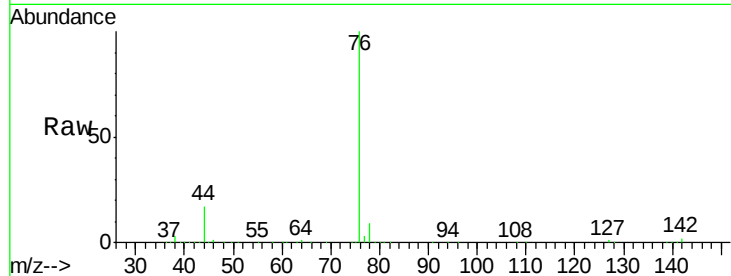
#17
Carbon Disulfide
Concen: 48.01 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9

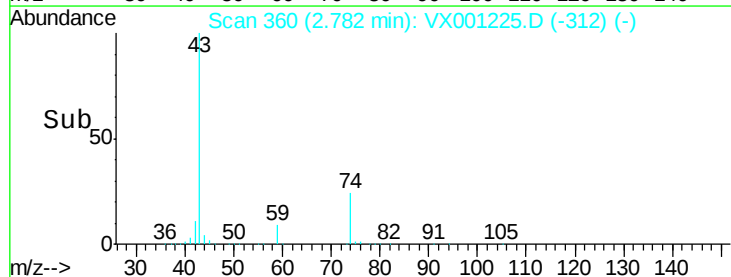
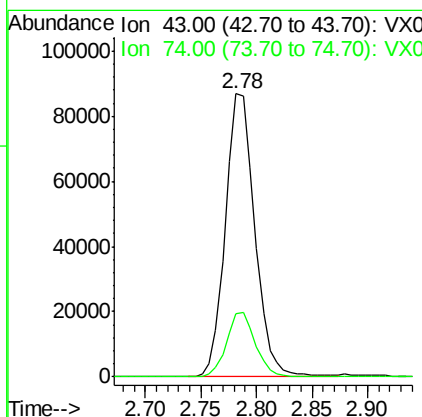
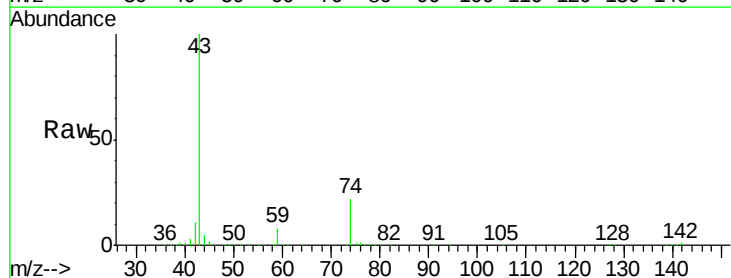
Manual Integrations
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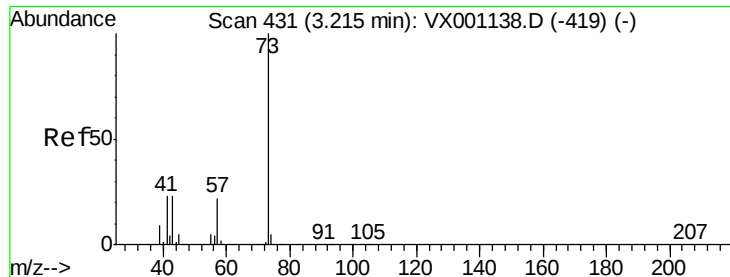
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#18
Methyl Acetate
Concen: 50.50 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.9	18.1	27.1





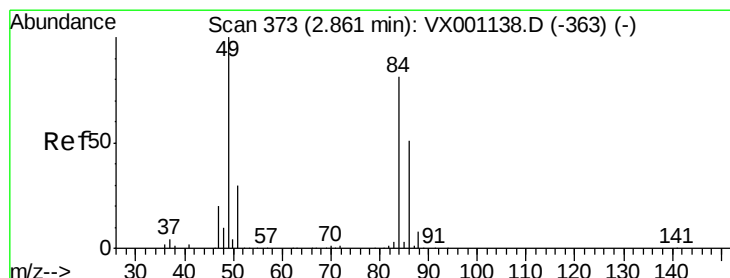
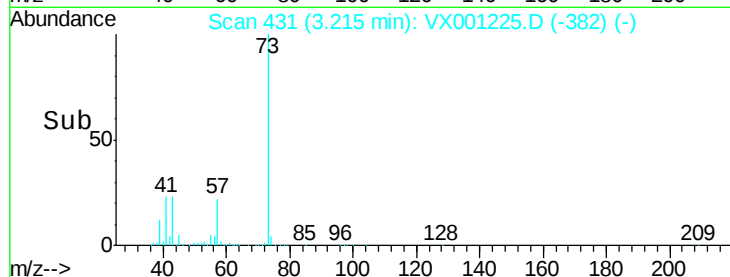
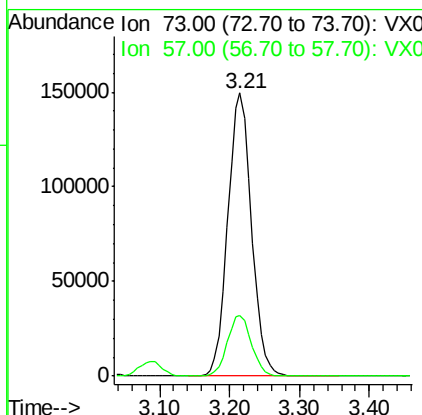
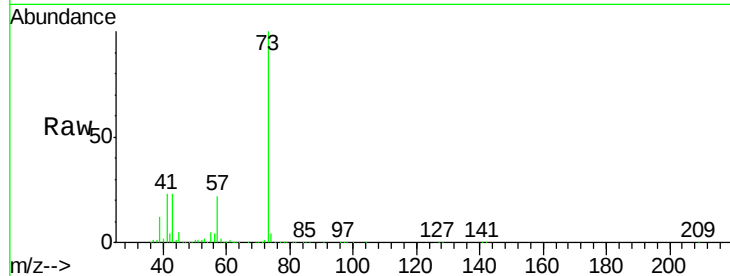
#19
Methvl tert-butvl Ether
Concen: 47.97 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423MS

Tot Ion: 73 Resp: 351117
Ion Ratio Lower Upper
73 100
57 21.6 17.7 26.5

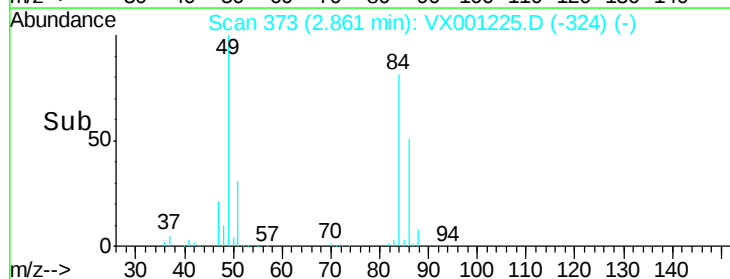
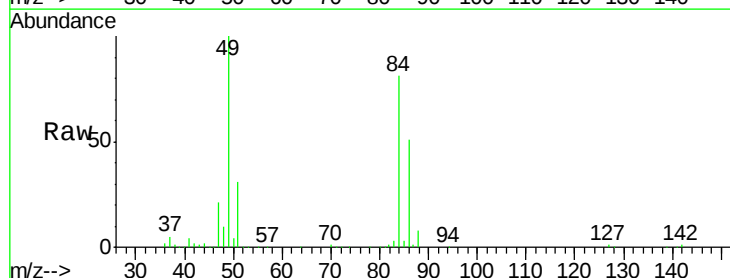
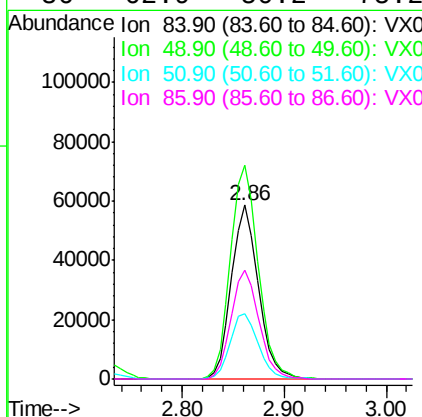
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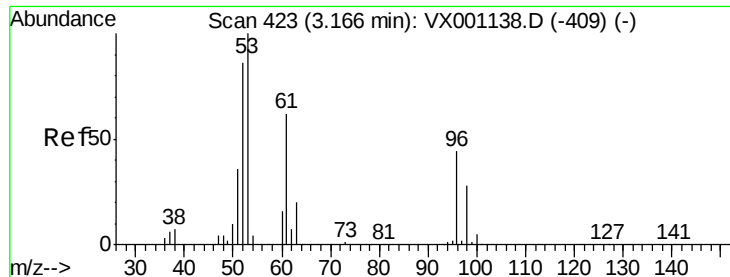
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#20
Methylene Chloride
Concen: 46.12 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Tgt Ion: 84 Resp: 107657
Ion Ratio Lower Upper
84 100
49 122.9 99.2 148.8
51 37.6 29.5 44.3
86 62.9 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 45.48 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

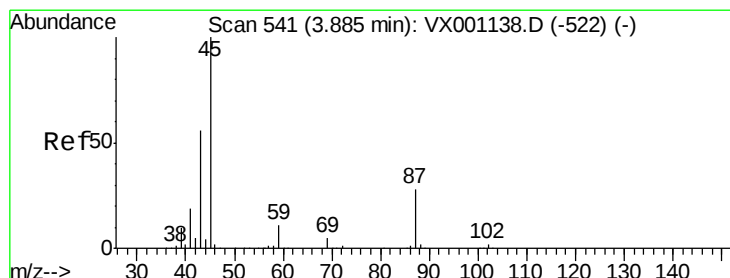
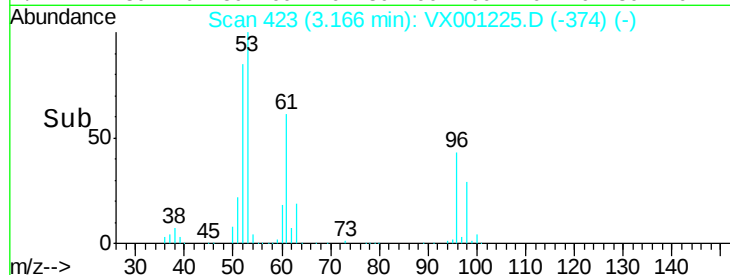
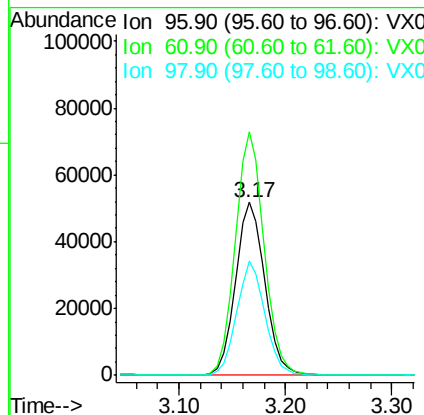
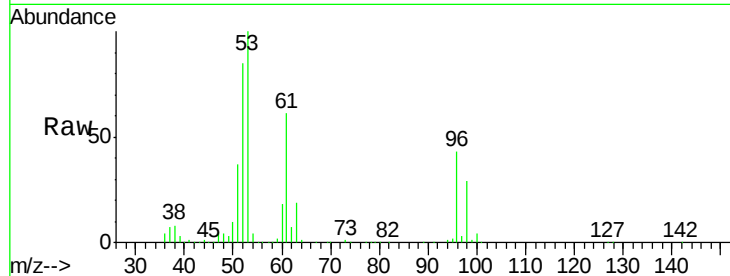
ClientSampleId :

WP022MW102-180423MS

Tot Ion:	96	Resp:	99950
Ion	Ratio	Lower	Upper
96	100		
61	140.6	111.9	167.9
98	66.2	51.1	76.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 45.67 ug/l

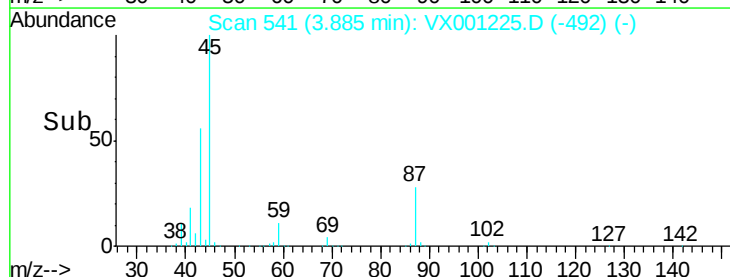
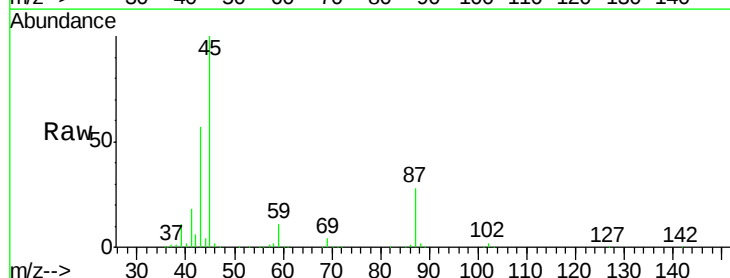
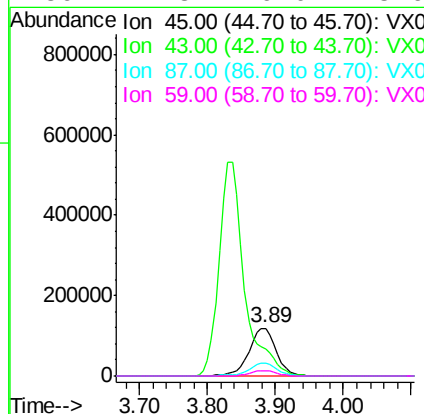
RT: 3.89 min Scan# 541

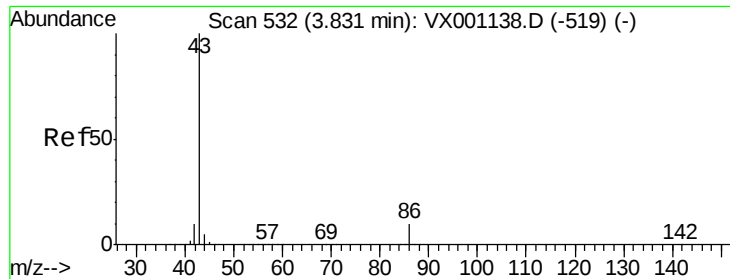
Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Tgt Ion:	45	Resp:	331439
Ion	Ratio	Lower	Upper
45	100		
43	56.3	45.0	67.4
87	27.7	22.8	34.2
59	11.3	9.0	13.6





#23

Vinyl Acetate

Concen: 224.49 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.01 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

WP022MW102-180423MS

Tot Ion: 43 Resp: 1382091

Ion Ratio Lower Upper

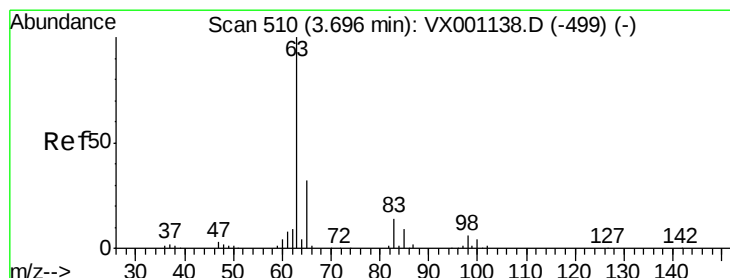
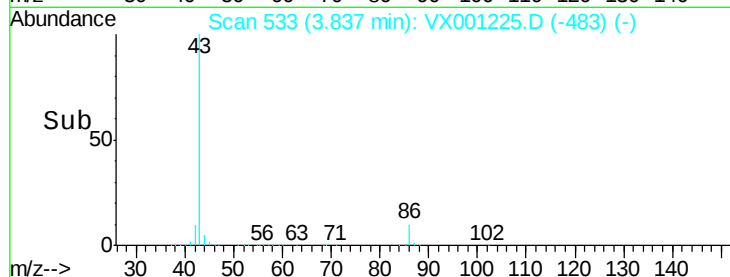
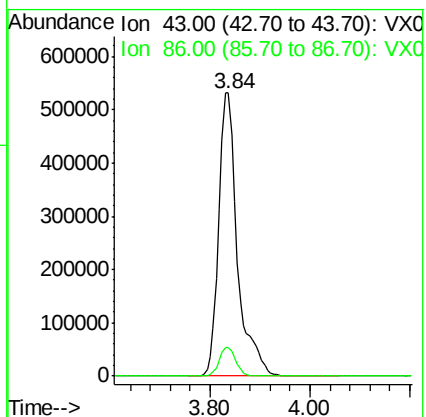
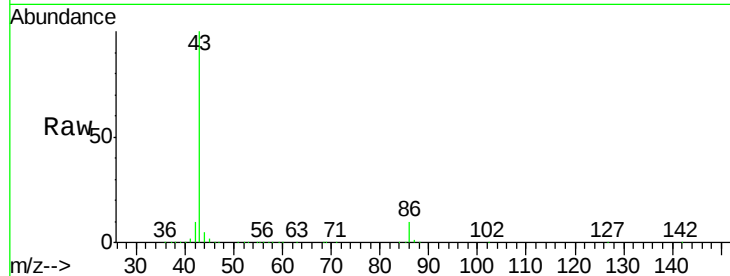
43 100

86 10.2 8.0 12.0

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#24

1,1-Dichloroethane

Concen: 47.46 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

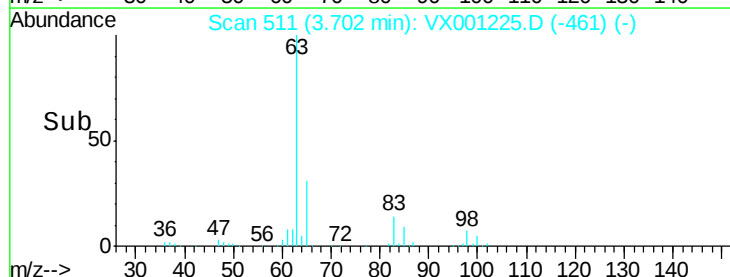
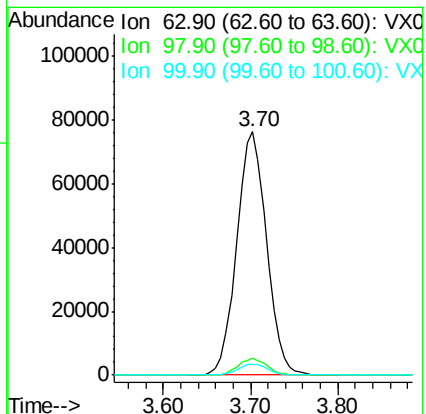
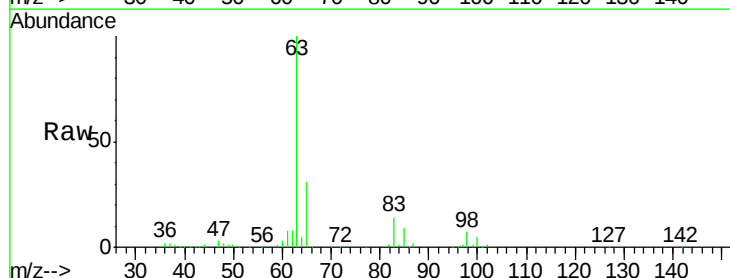
Tgt Ion: 63 Resp: 181019

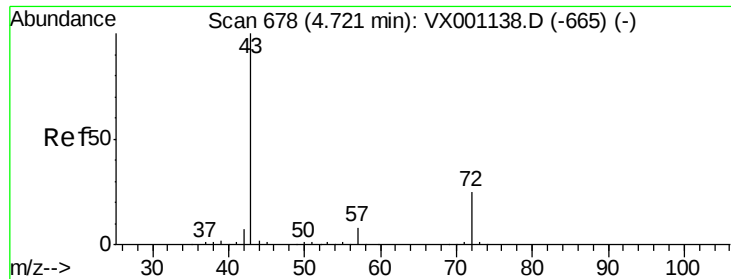
Ion Ratio Lower Upper

63 100

98 7.1 3.1 9.4

100 4.6 2.1 6.5





#25

2-Butanone

Concen: 234.67 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

WP022MW102-180423MS

Tot Ion: 43 Resp: 440082

Ion Ratio Lower Upper

43 100

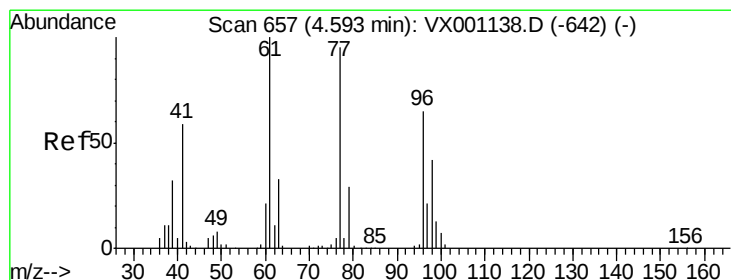
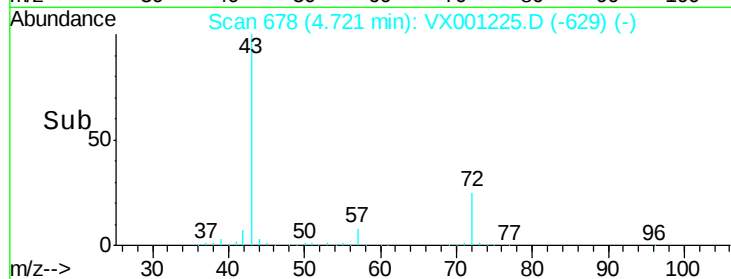
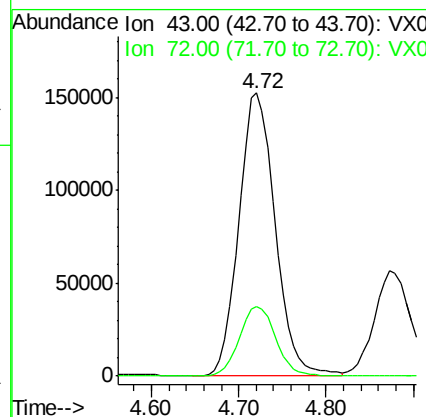
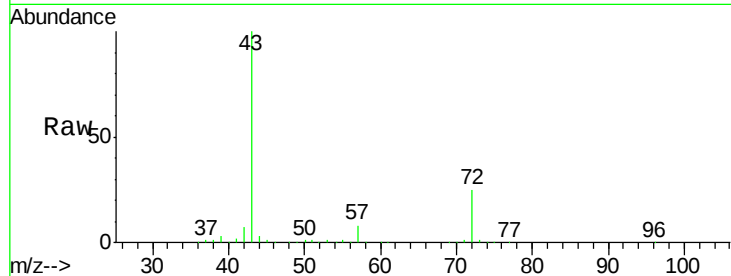
72 24.7 20.0 30.0

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#26

2,2-Dichloropropane

Concen: 41.19 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX001225.D

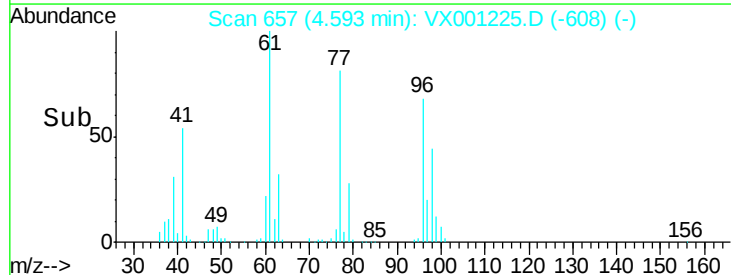
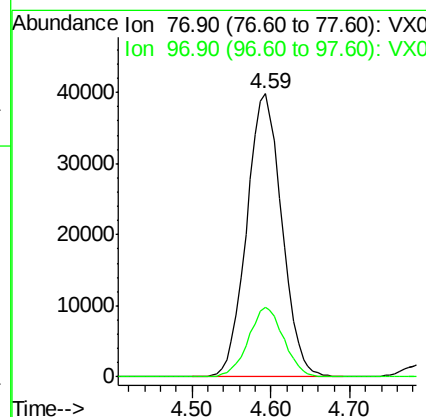
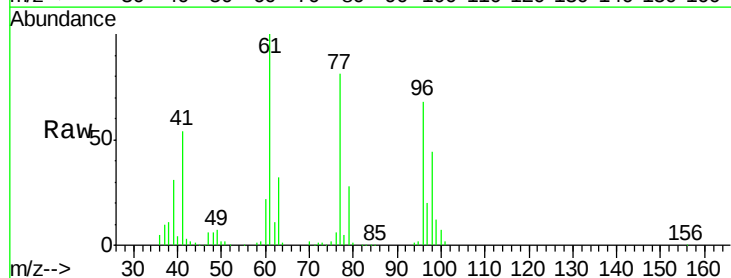
Acq: 28 Apr 2018 20:13

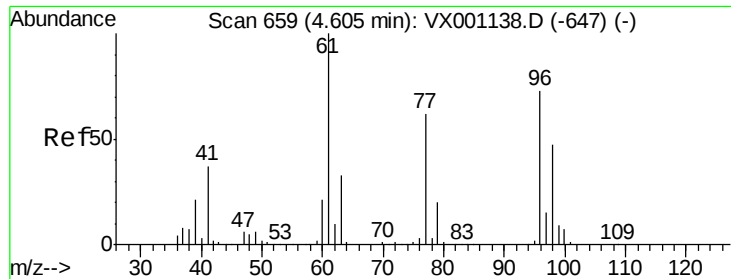
Tgt Ion: 77 Resp: 123657

Ion Ratio Lower Upper

77 100

97 24.7 11.4 34.2





#27

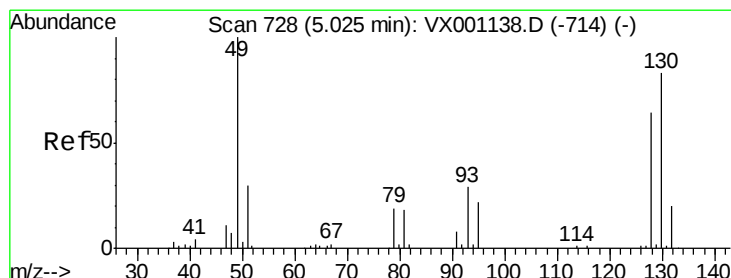
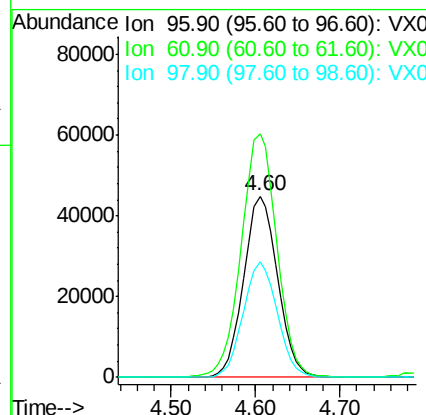
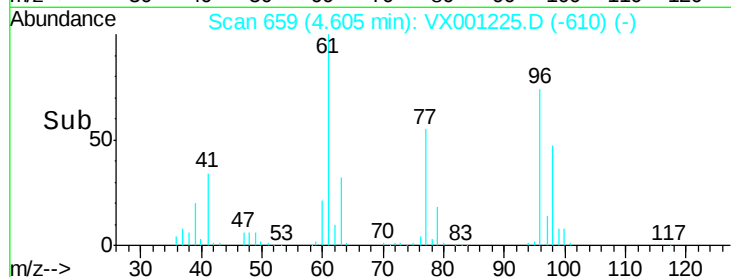
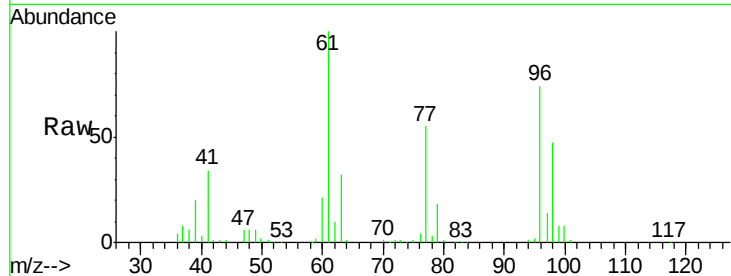
cis-1,2-Dichloroethene
Concen: 50.82 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	122305		
61	141.3	0.0	289.0	
98	64.0	0.0	128.2	

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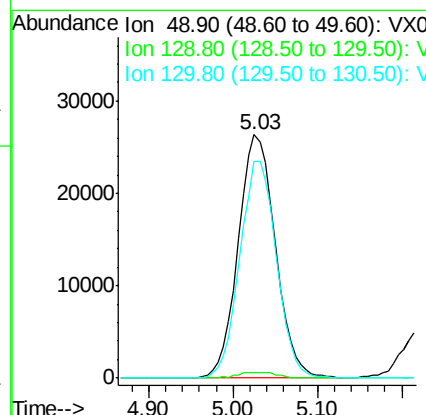
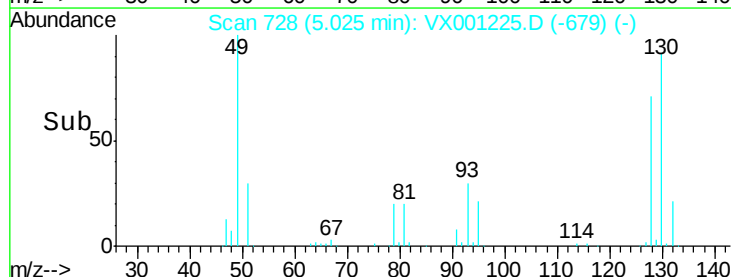
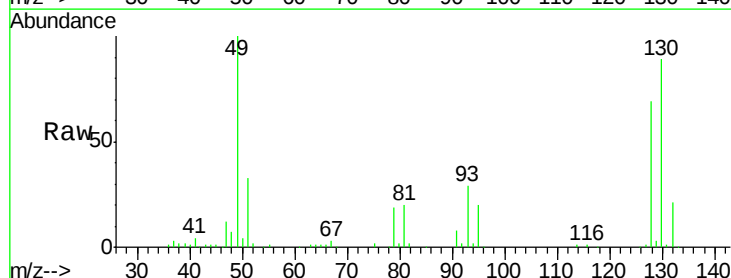
apatel
5/1/2018 7:45:29 PM

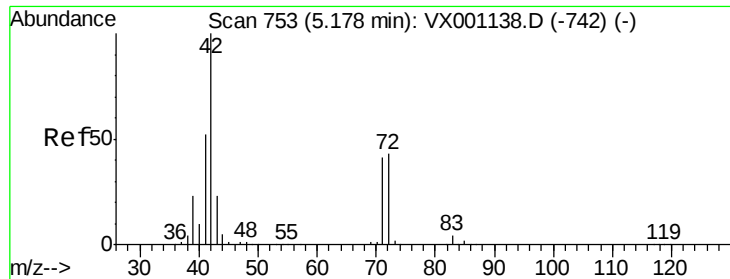


#28

Bromochloromethane
Concen: 46.13 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	78899		
129	2.5	0.0	4.6	
130	87.8	68.2	102.2	





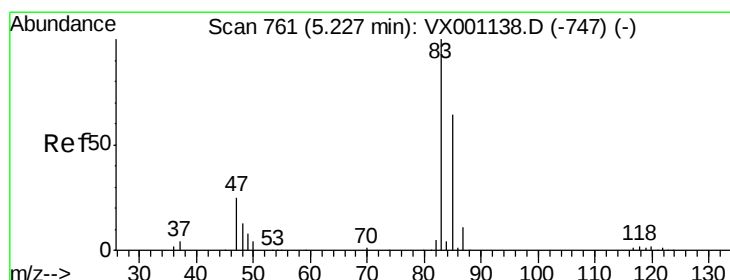
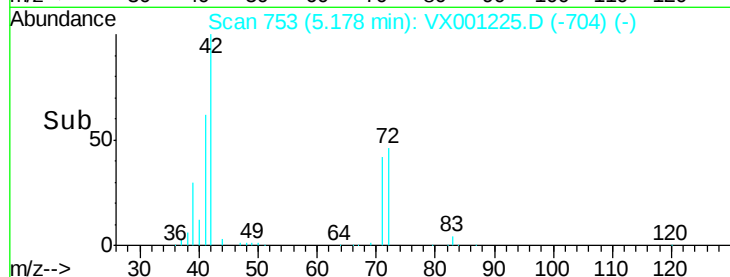
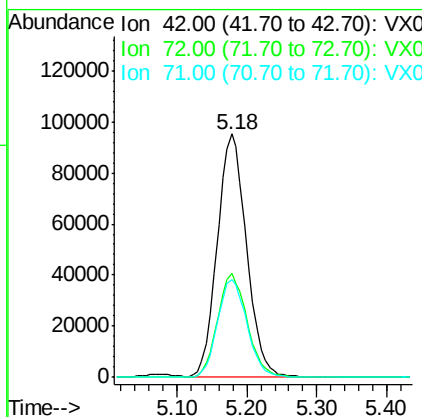
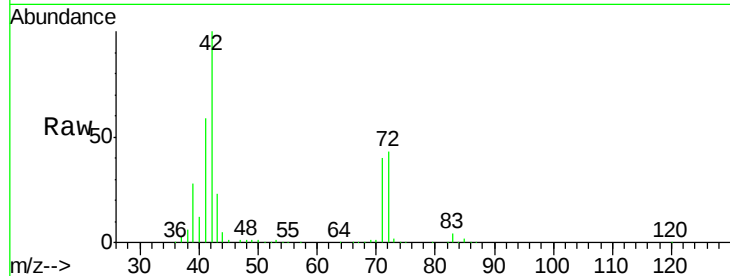
#29
Tetrahydrofuran
Concen: 228.39 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.2	34.4	51.6
71	40.7	32.1	48.1

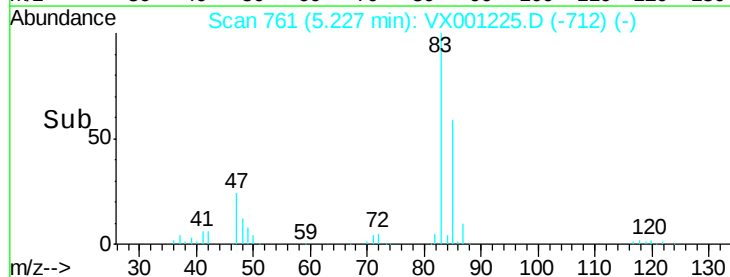
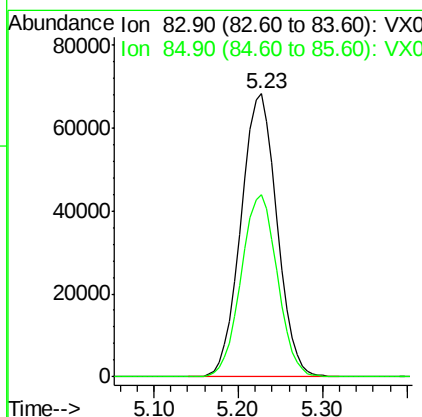
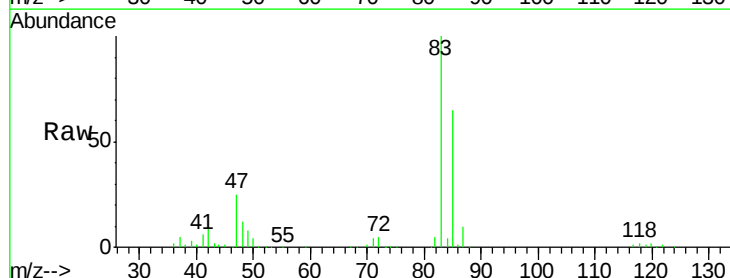
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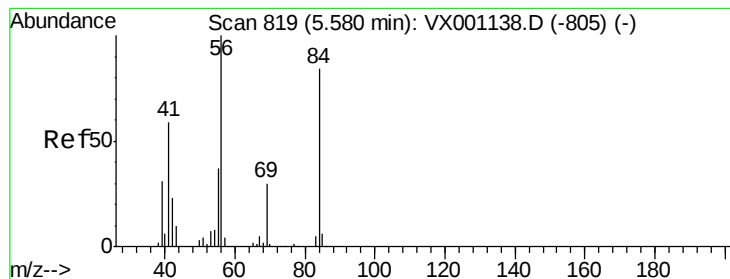
apatel
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#30
Chloroform
Concen: 48.76 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.4	77.0





#31

Cyclohexane

Concen: 46.96 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

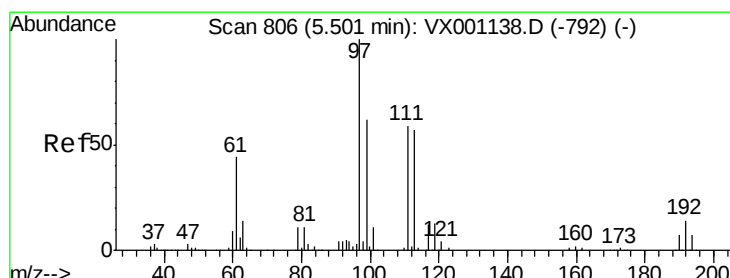
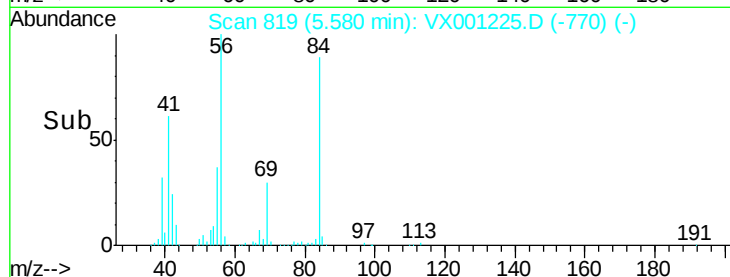
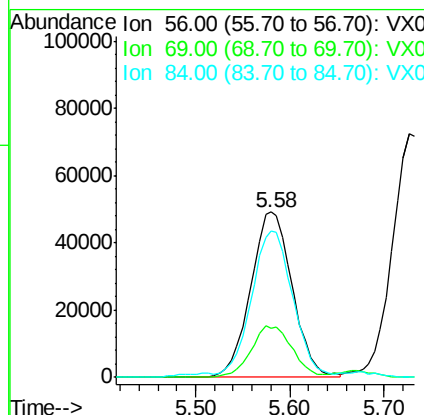
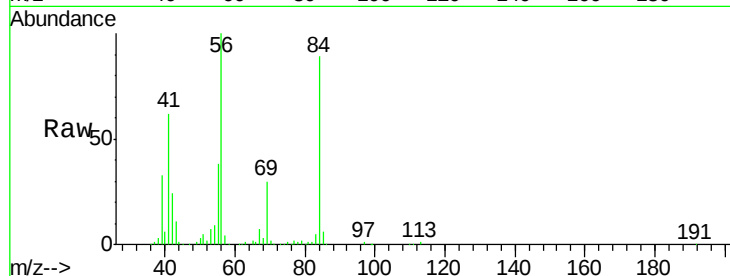
ClientSampleId :

WP022MW102-180423MS

Tot Ion	56	Resp	152175
Ion	Ratio	Lower	Upper
56	100		
69	29.5	24.2	36.2
84	86.9	67.5	101.3

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#32

1,1,1-Trichloroethane

Concen: 49.31 ug/l

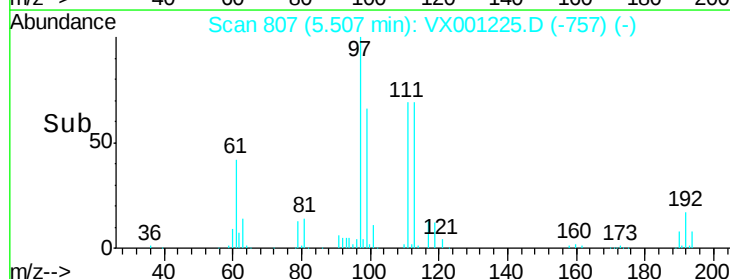
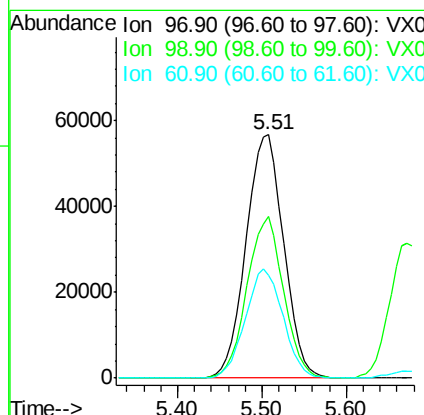
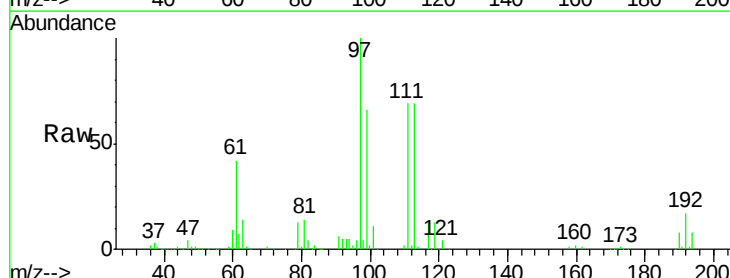
RT: 5.51 min Scan# 807

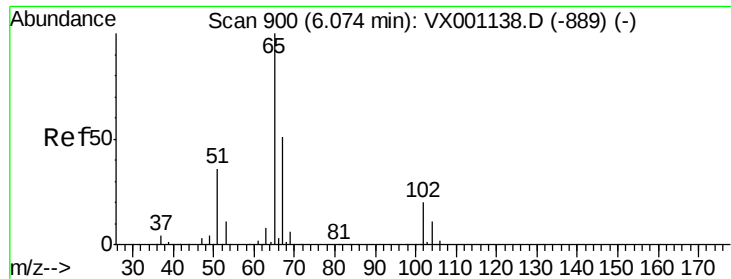
Delta R.T. 0.01 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Tgt Ion	97	Resp	172645
Ion	Ratio	Lower	Upper
97	100		
99	64.3	50.9	76.3
61	44.8	35.0	52.6





#33

1,2-Dichloroethane-d4

Concen: 44.18 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

WP022MW102-180423MS

Tot Ion: 65 Resp: 134657

Ion Ratio Lower Upper

65 100

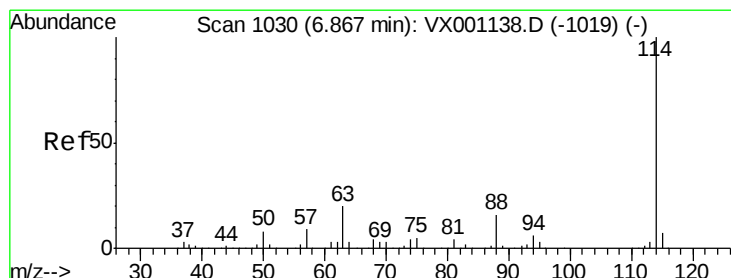
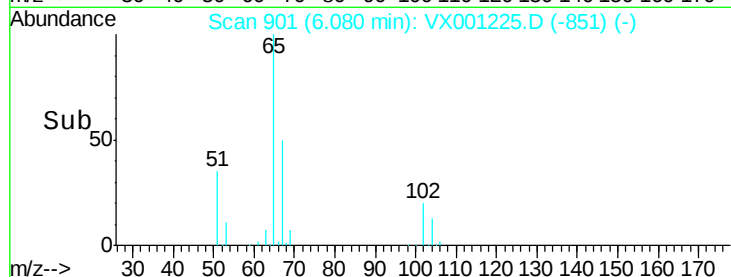
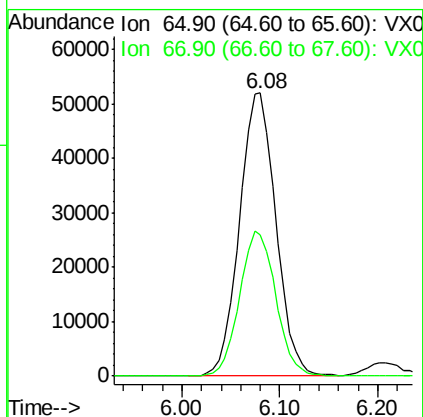
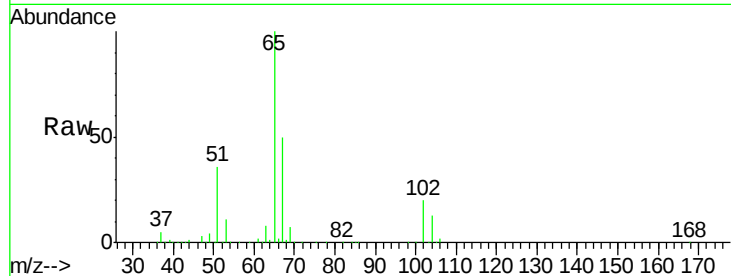
67 50.9 0.0 102.2

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

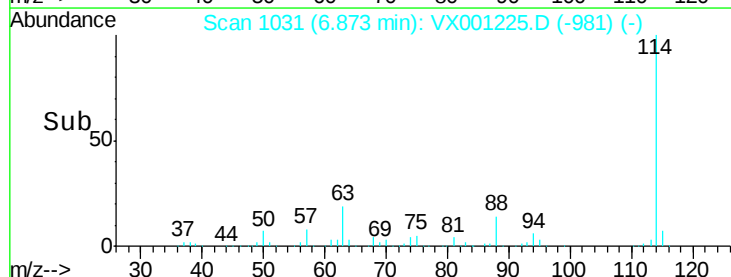
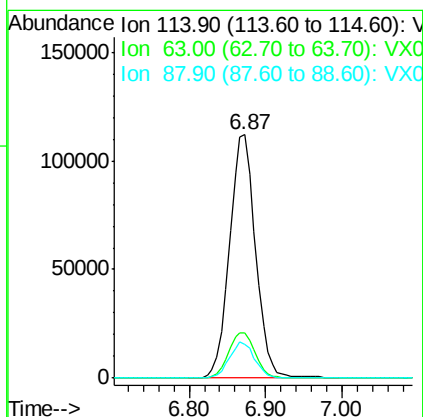
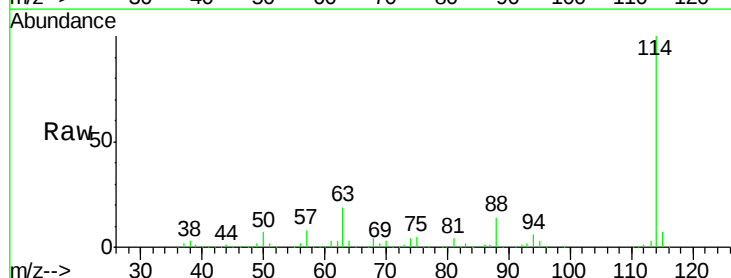
Tgt Ion: 114 Resp: 263612

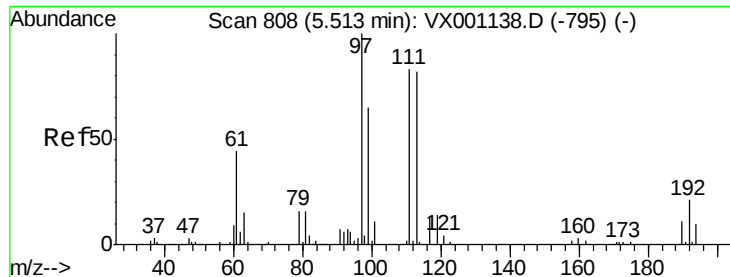
Ion Ratio Lower Upper

114 100

63 18.7 0.0 40.4

88 14.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.98 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

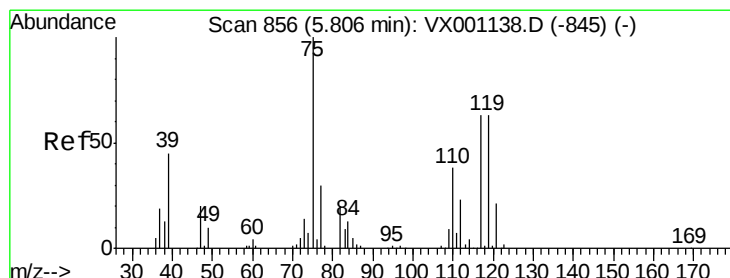
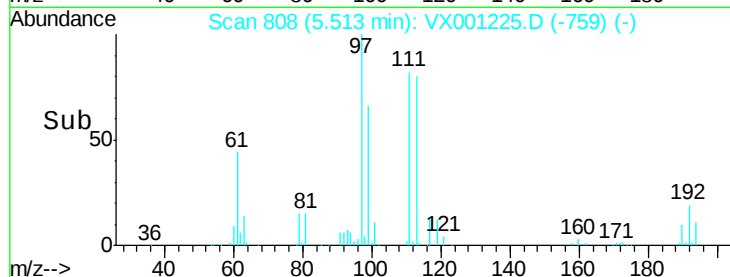
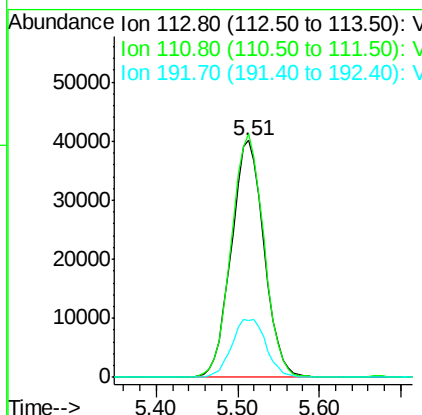
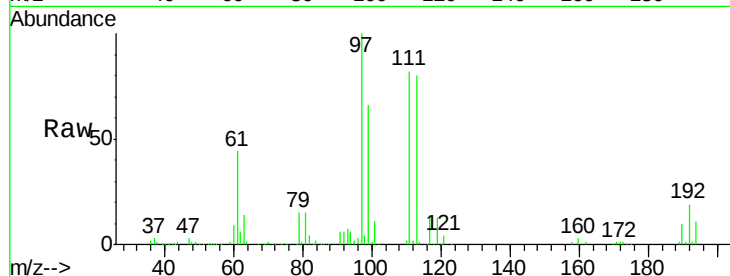
ClientSampleId :

WP022MW102-180423MS

Tot Ion:	113	Resp:	111229
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.4
192	25.8	20.6	30.8

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#36

1,1-Dichloropropene

Concen: 47.91 ug/l

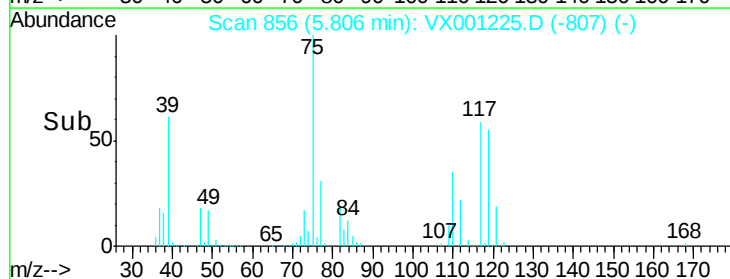
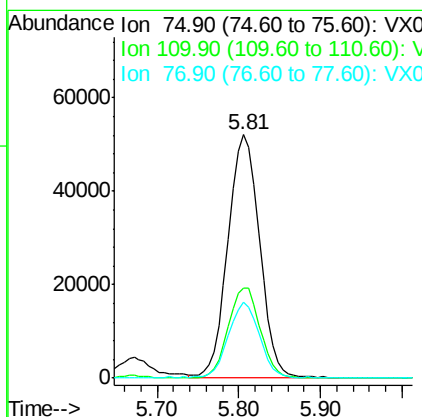
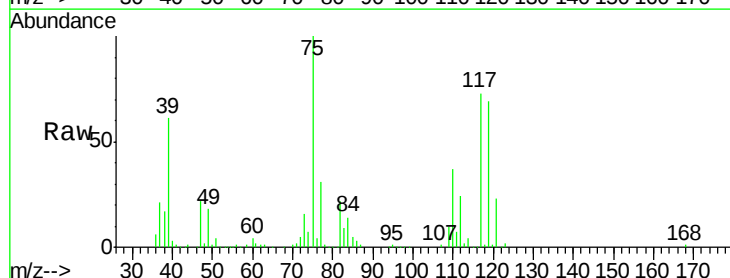
RT: 5.81 min Scan# 856

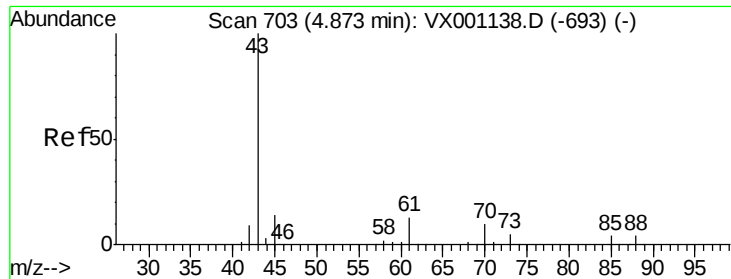
Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Tgt Ion:	75	Resp:	139180
Ion	Ratio	Lower	Upper
75	100		
110	37.7	19.0	57.0
77	30.5	24.8	37.2





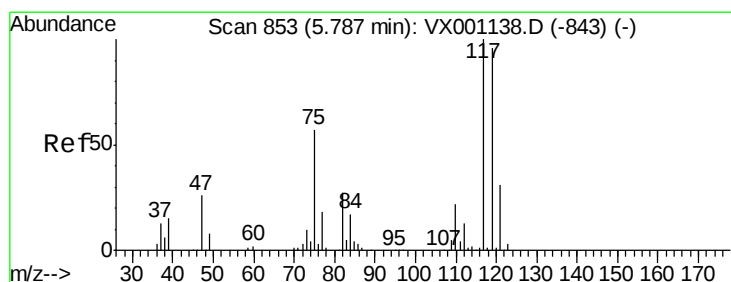
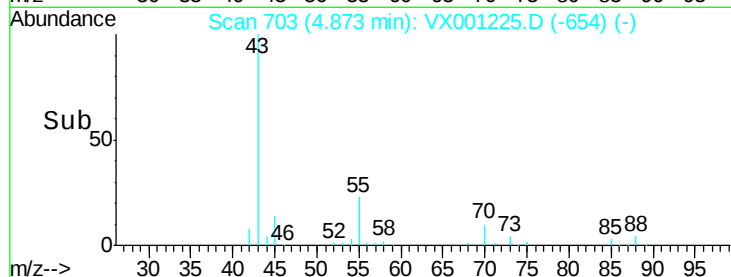
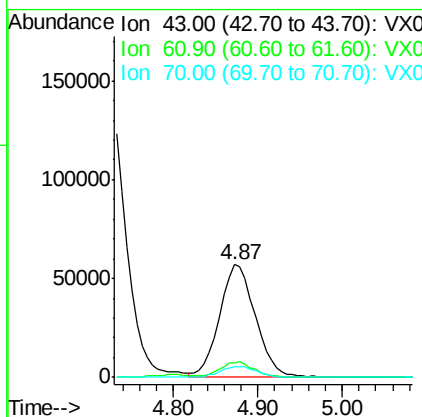
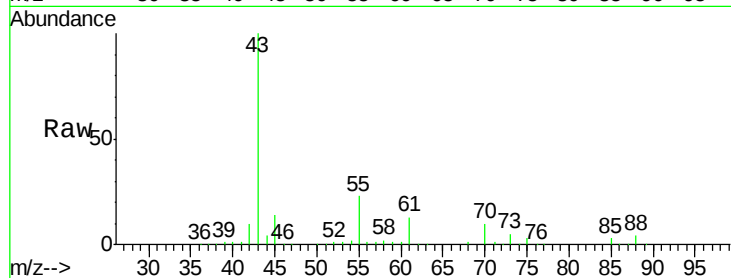
#37
Ethyl Acetate
Concen: 47.38 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.0	16.6
70	9.7	8.2	12.2

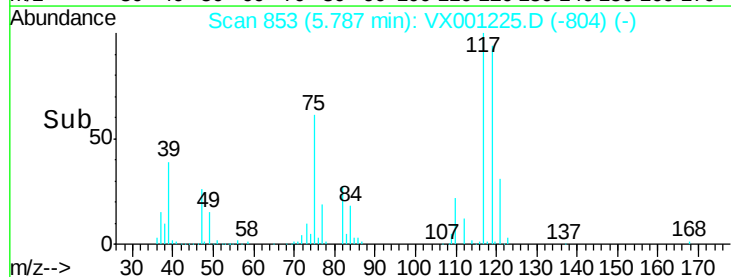
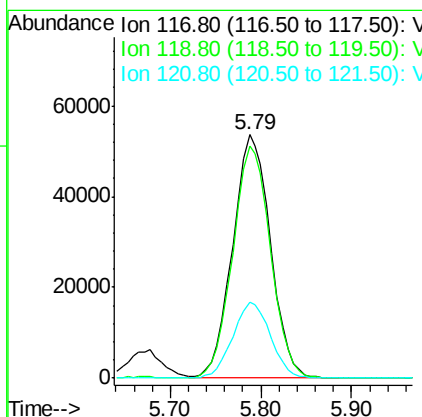
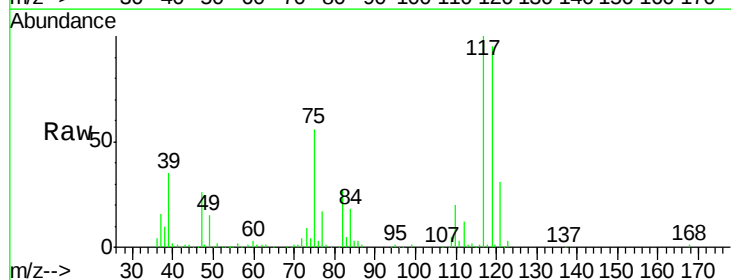
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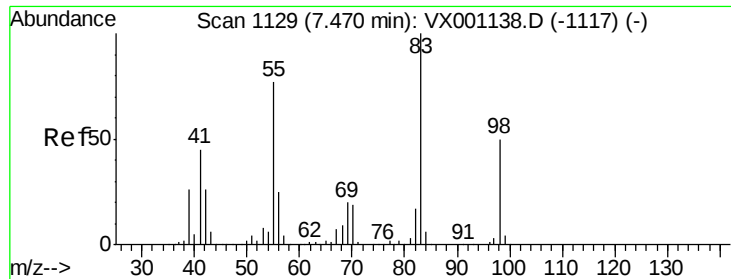
apatel
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#38
Carbon Tetrachloride
Concen: 52.01 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.5	114.7
121	31.0	24.6	37.0





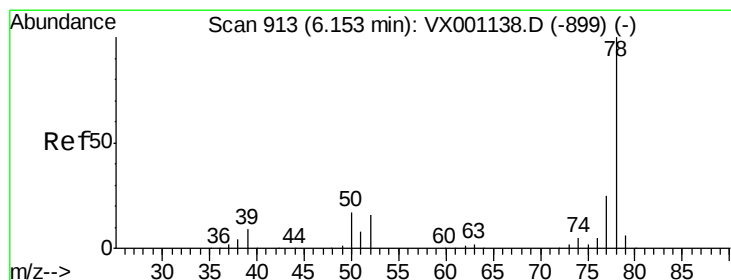
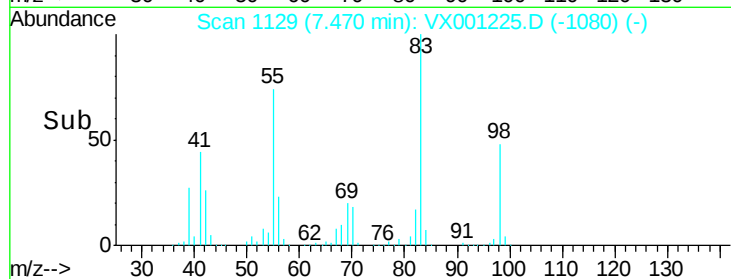
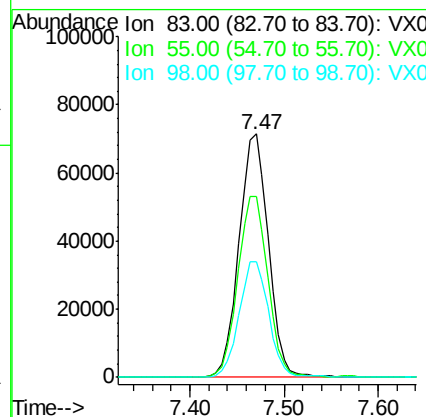
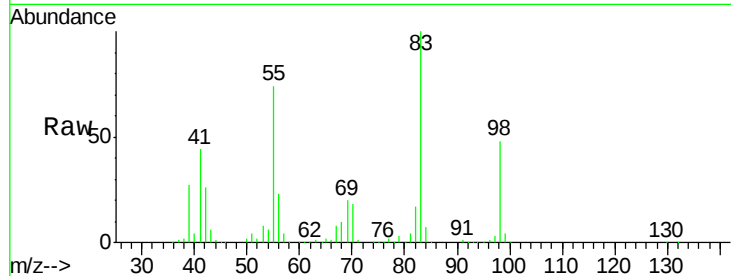
#39
Methvlcvclohexane
Concen: 48.41 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	155651		
55	74.3		61.8	92.6
98	47.6		40.0	60.0

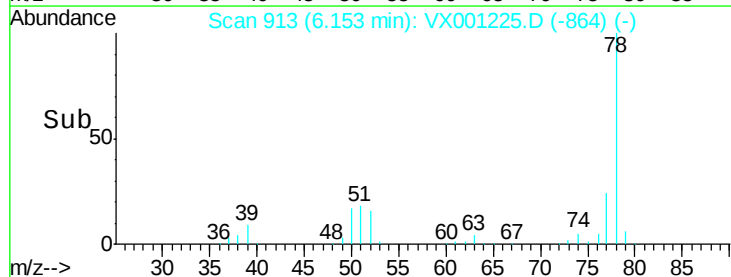
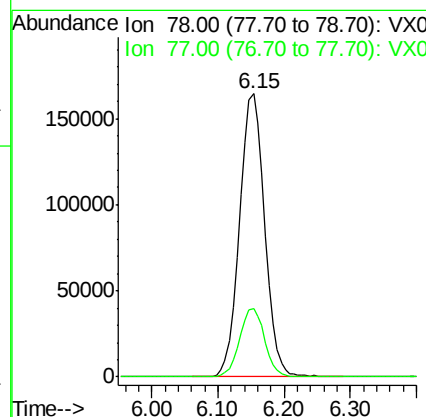
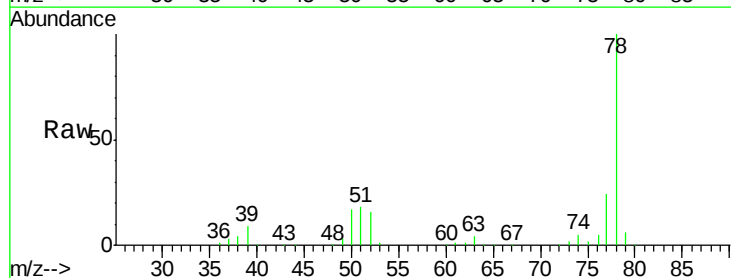
Manual Integrations
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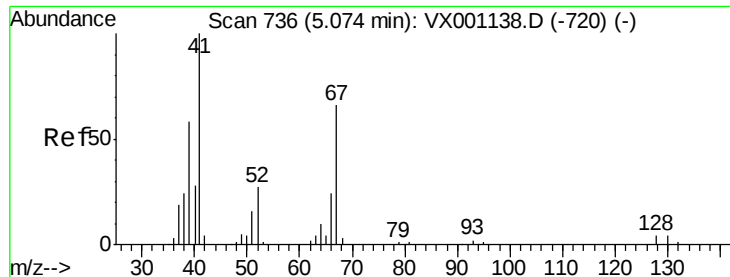
apatel
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#40
Benzene
Concen: 51.45 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	432340		
77	24.0		19.7	29.5





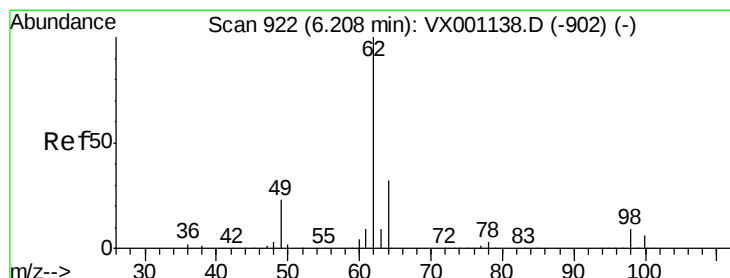
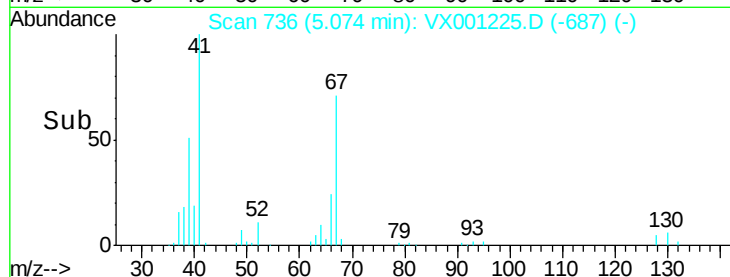
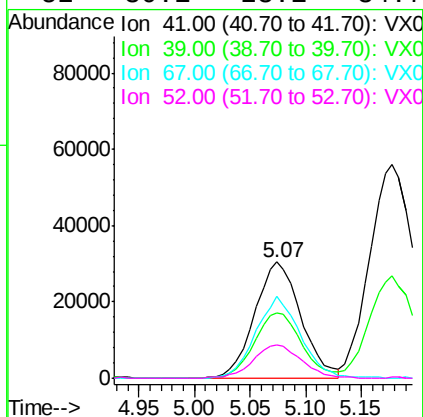
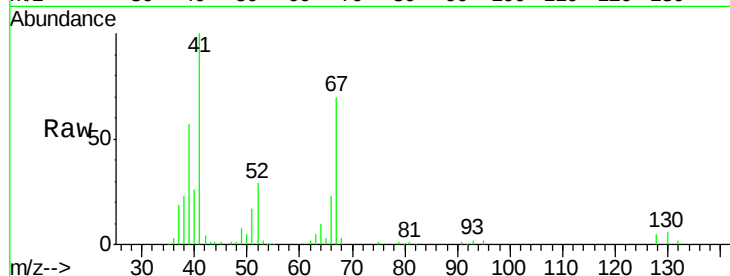
#41
Methacrylonitrile
Concen: 44.70 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.4	45.9	68.9	
67	68.5	53.2	79.8	
52	30.1	23.1	34.7	

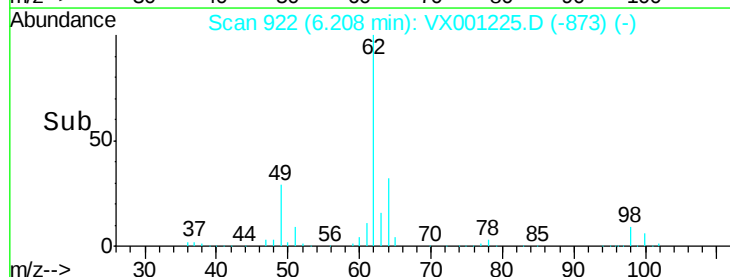
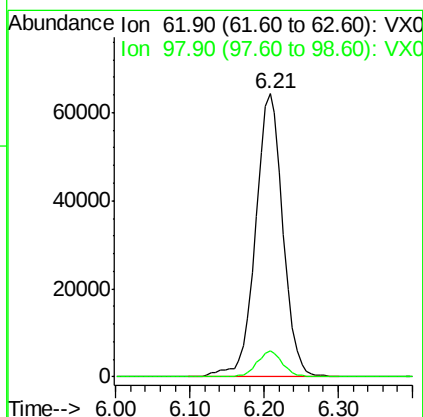
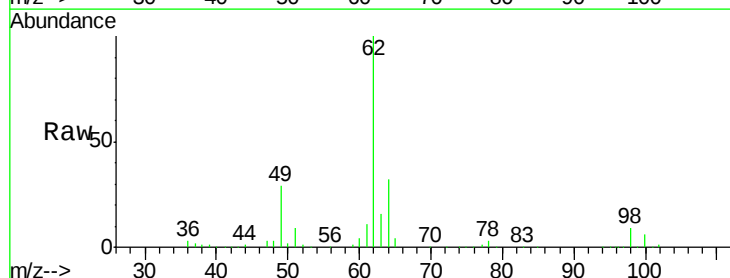
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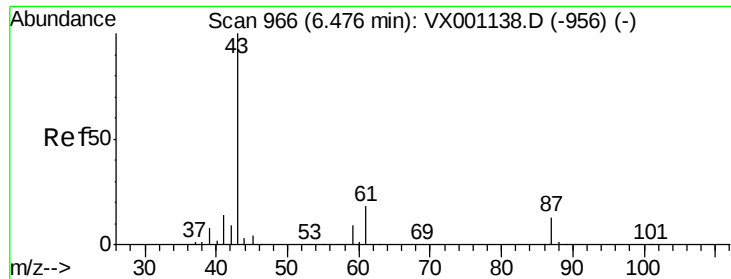
apatel
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#42
1,2-Dichloroethane
Concen: 48.66 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	0.0	17.0	





#43

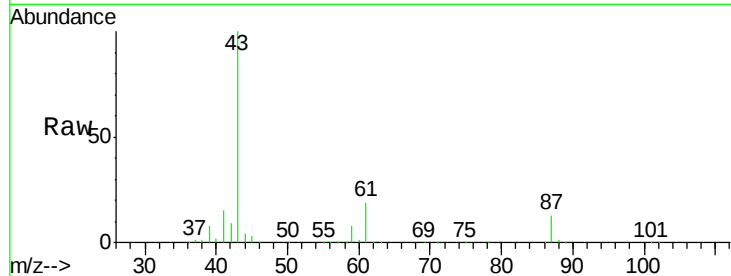
Isopropyl Acetate
 Concen: 48.33 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX001225.D
 Acq: 28 Apr 2018 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW102-180423MS

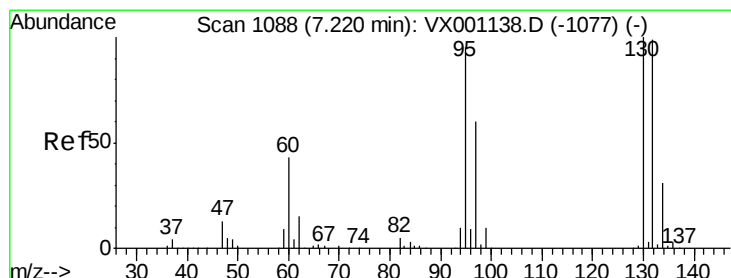
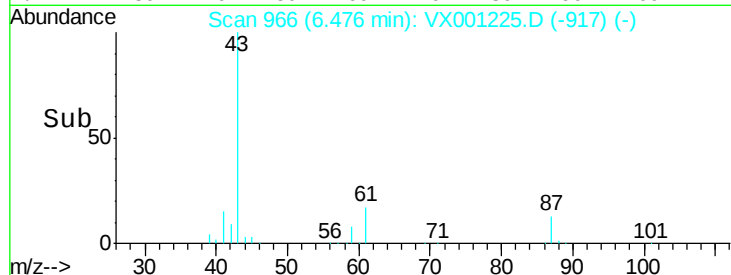
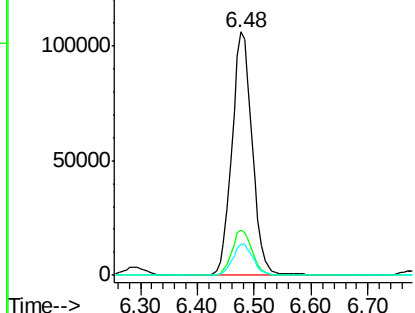
Tot Ion	Ratio	Lower	Upper
43	100		
61	18.6	15.0	22.6
87	13.0	10.3	15.5

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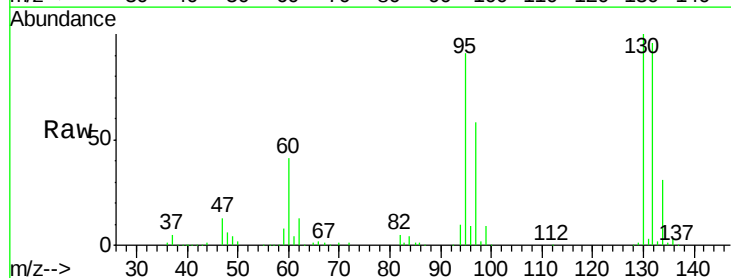
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



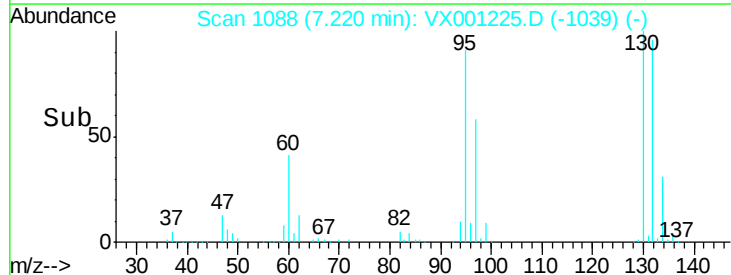
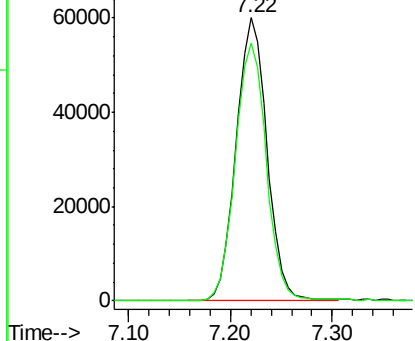
#44

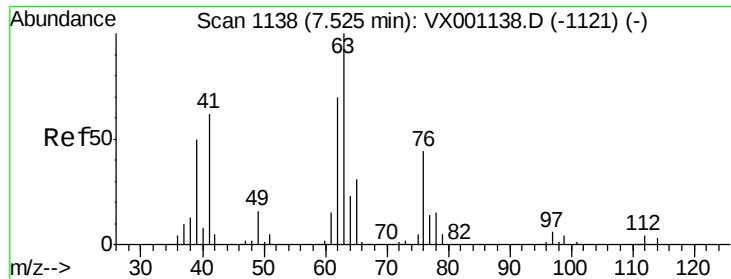
Trichloroethene
 Concen: 50.25 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001225.D
 Acq: 28 Apr 2018 20:13

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.9	0.0	189.6



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





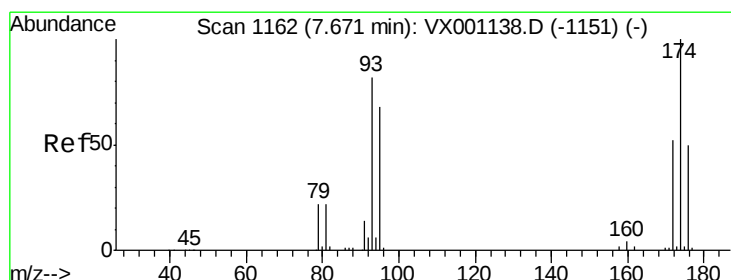
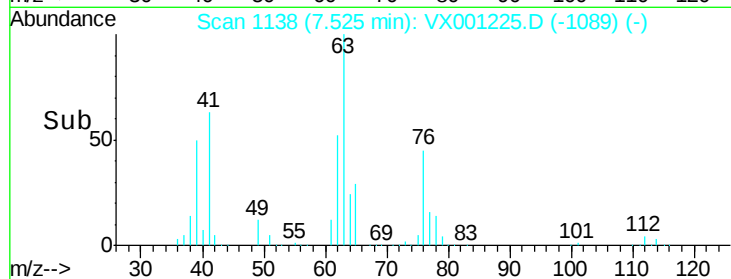
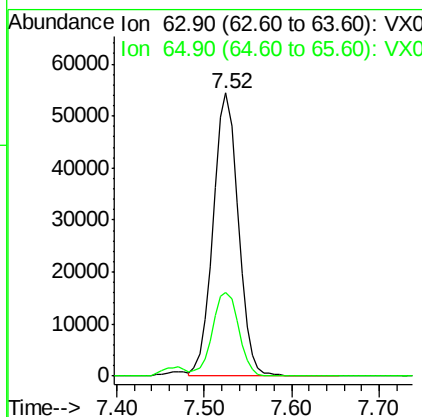
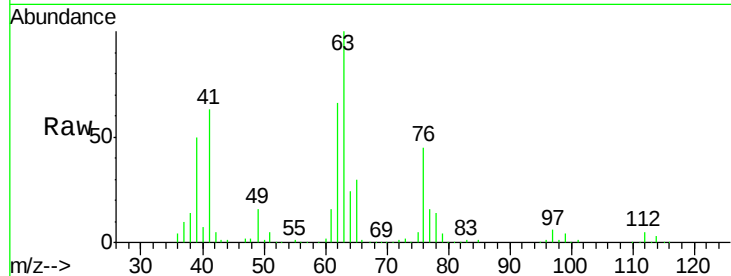
#45
 1,2-Dichloropropane
 Concen: 49.16 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001225.D
 Acq: 28 Apr 2018 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW102-180423MS

Tot Ion: 63 Resp: 108643
 Ion Ratio Lower Upper
 63 100
 65 29.6 24.9 37.3

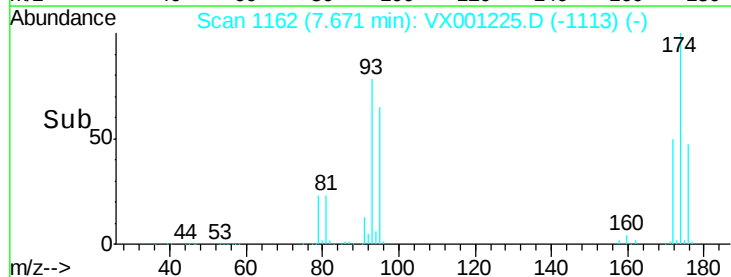
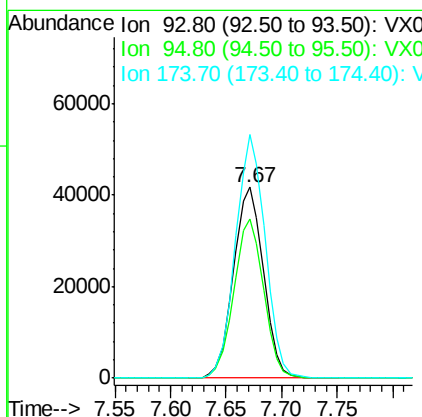
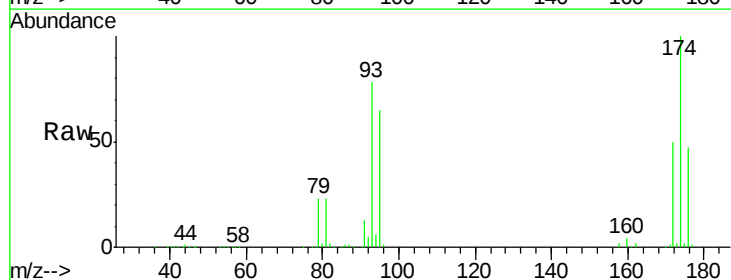
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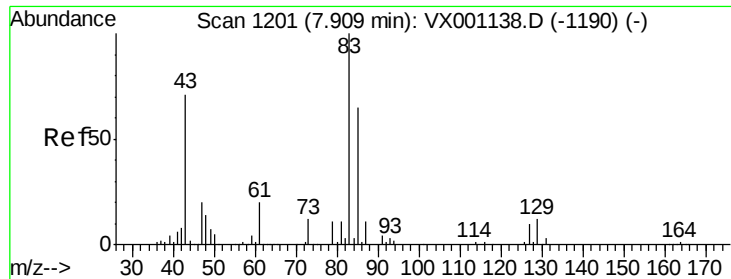
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#46
 Dibromomethane
 Concen: 51.06 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX001225.D
 Acq: 28 Apr 2018 20:13

Tgt Ion: 93 Resp: 78148
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.4 99.6
 174 126.0 99.6 149.4





#47

Bromodichloromethane

Concen: 52.27 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

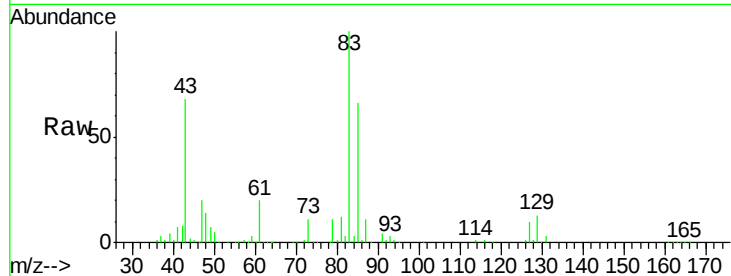
ClientSampleId :

WP022MW102-180423MS

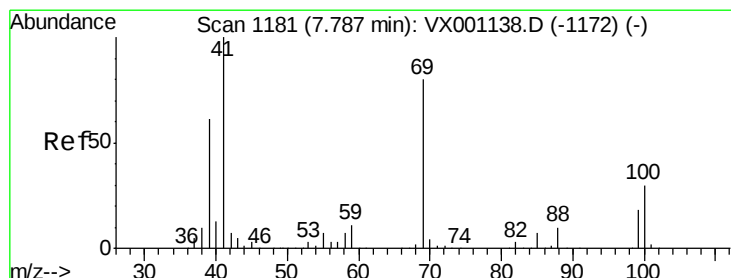
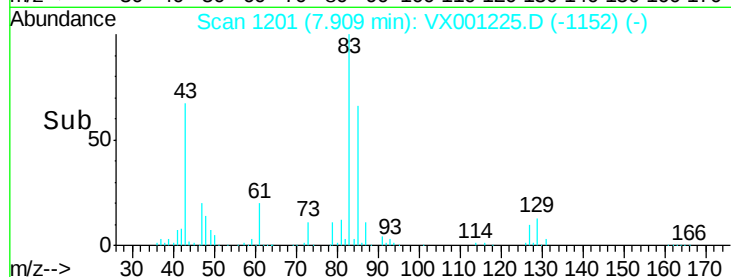
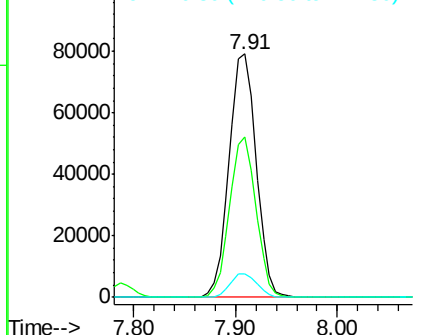
Tot Ion:	83	Resp:	145361
Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.9	77.9
127	9.7	7.7	11.5

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 39.56 ug/l

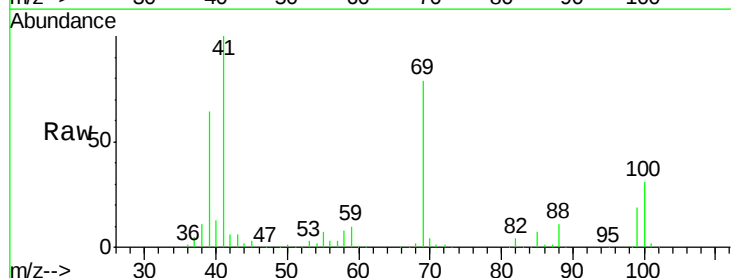
RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

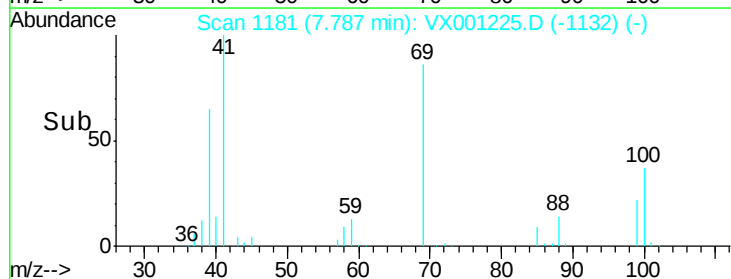
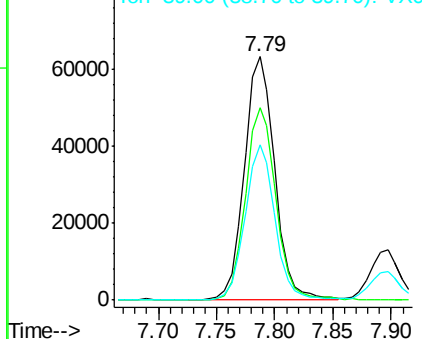
Lab File: VX001225.D

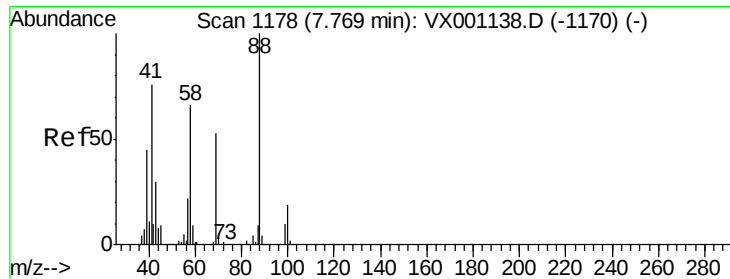
Acq: 28 Apr 2018 20:13

Tgt Ion:	41	Resp:	114876
Ion	Ratio	Lower	Upper
41	100		
69	80.0	62.4	93.6
39	62.5	48.7	73.1



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





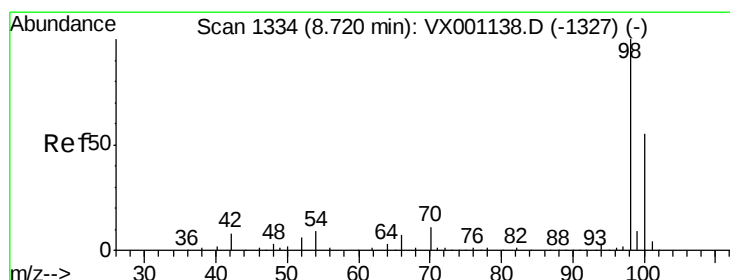
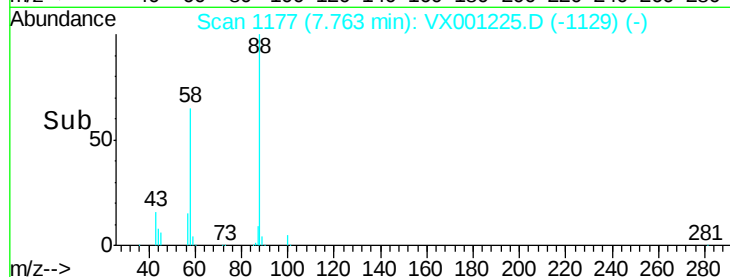
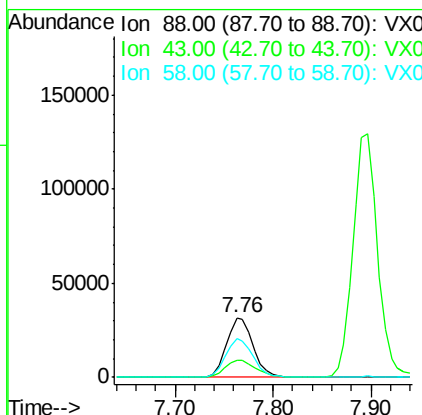
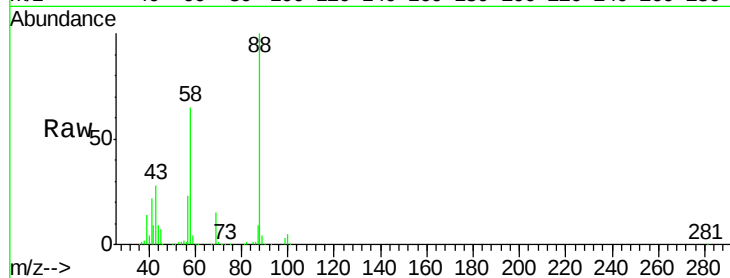
#49
1,4-Dioxane
Concen: 1026.54 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423MS

Tot Ion	88	Resp	59684
Ion	Ratio	Lower	Upper
88	100		
43	32.4	27.3	40.9
58	66.4	54.2	81.4

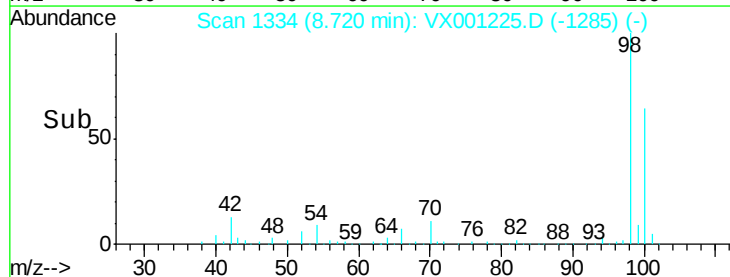
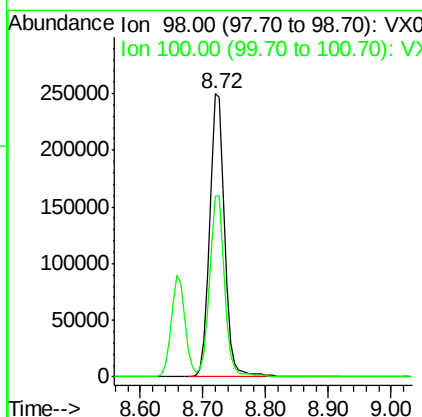
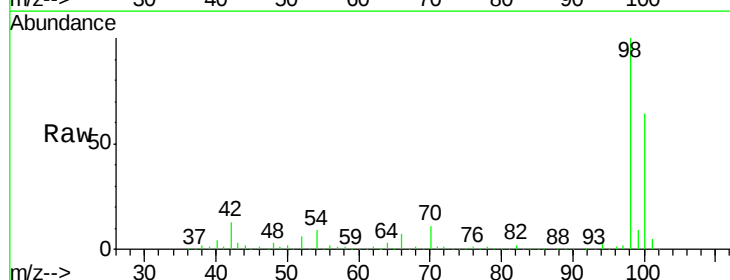
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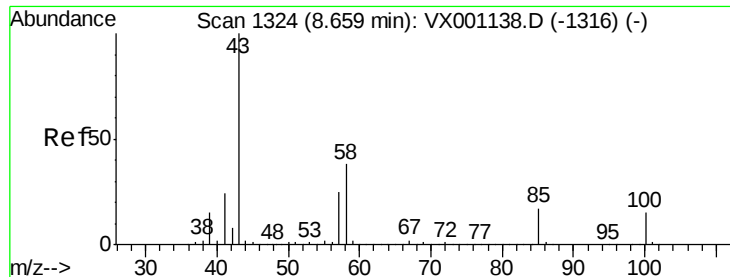
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#50
Toluene-d8
Concen: 50.13 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Tgt Ion	98	Resp	412781
Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.8	77.6





#51

4-Methyl-2-Pentanone

Concen: 257.50 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

WP022MW102-180423MS

Tot Ion: 43 Resp: 924099

Ion Ratio Lower Upper

43 100

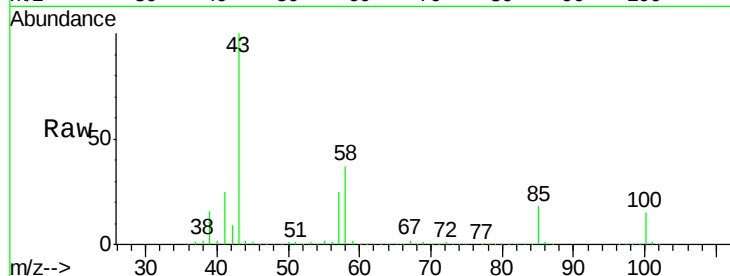
58 37.3 30.2 45.2

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

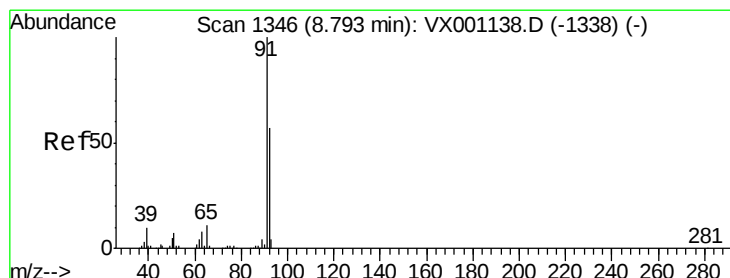
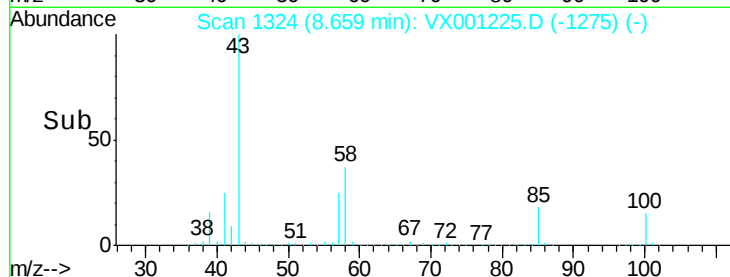
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 51.24 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001225.D

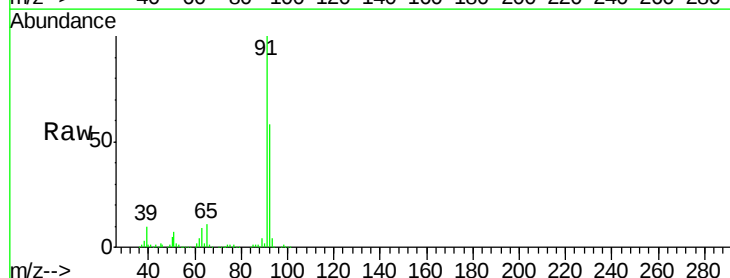
Acq: 28 Apr 2018 20:13

Tgt Ion: 92 Resp: 281572

Ion Ratio Lower Upper

92 100

91 173.8 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

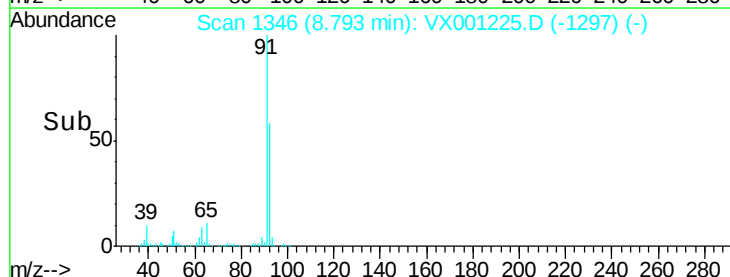
300000

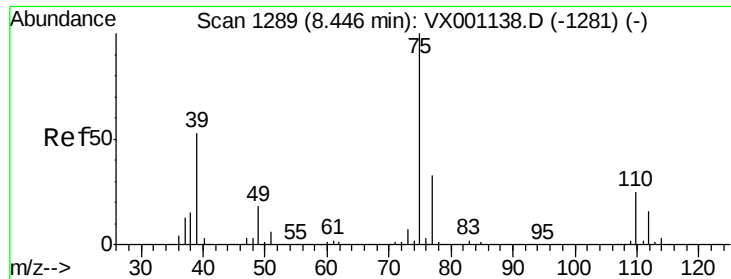
200000

100000

0

Time-->





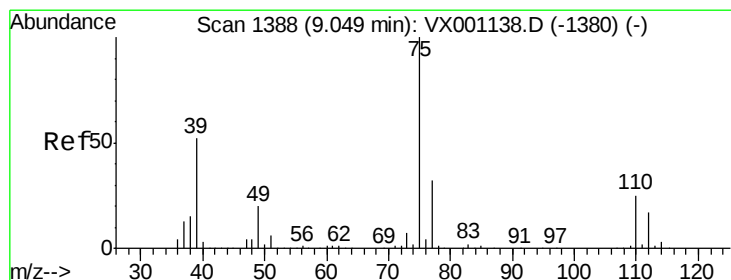
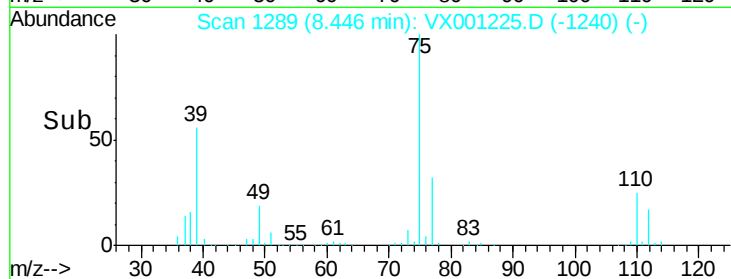
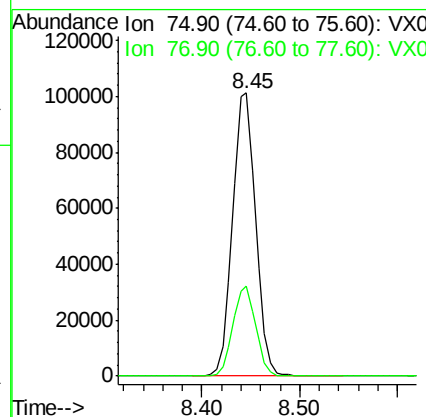
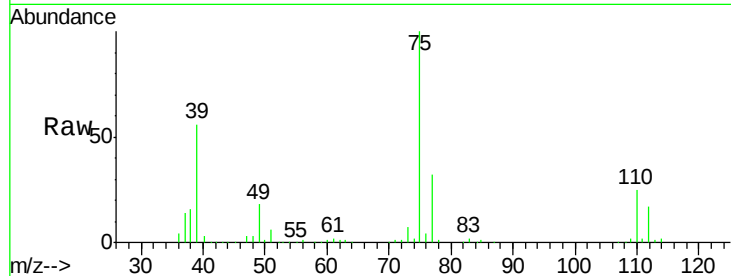
#53
t-1,3-Dichloropropene
Concen: 51.26 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423MS

Tot Ion: 75 Resp: 165716
Ion Ratio Lower Upper
75 100
77 31.8 26.2 39.4

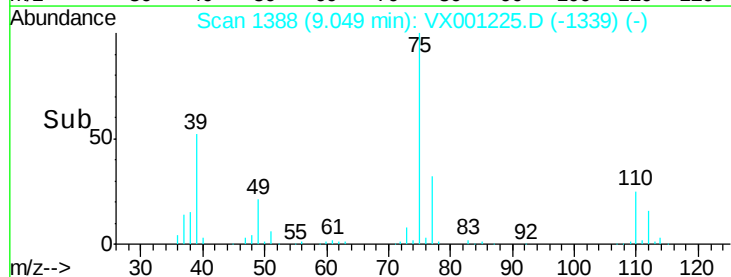
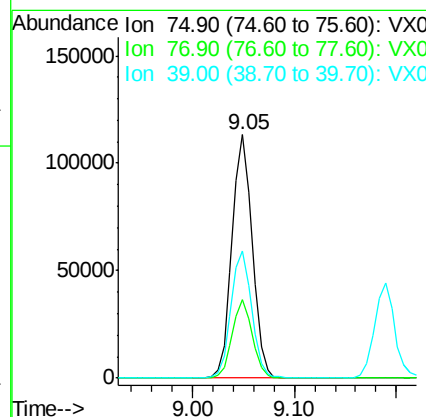
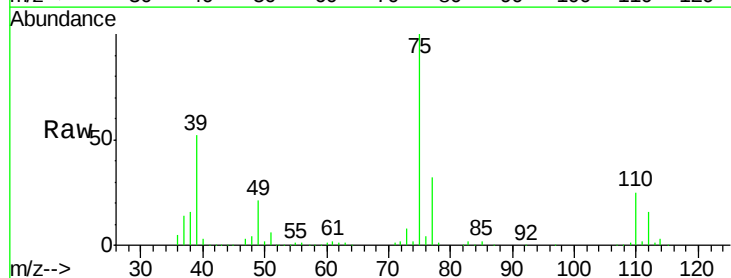
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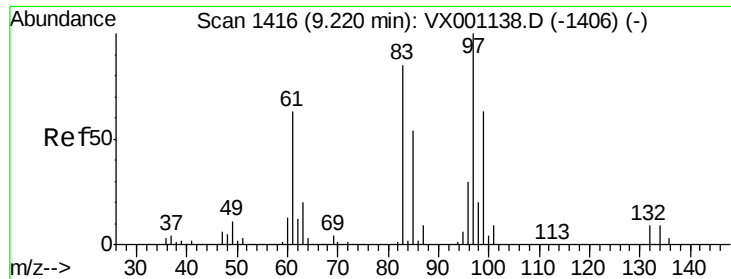
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#54
cis-1,3-Dichloropropene
Concen: 44.77 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Tgt Ion: 75 Resp: 155879
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.2
39 52.3 42.0 63.0





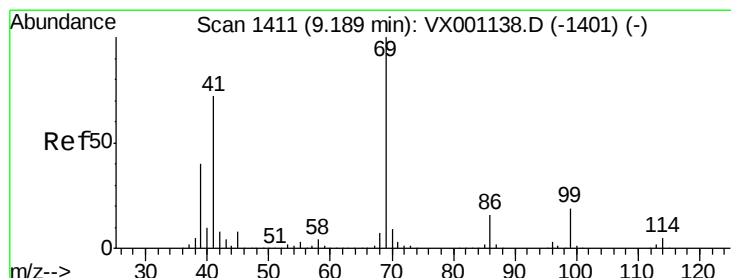
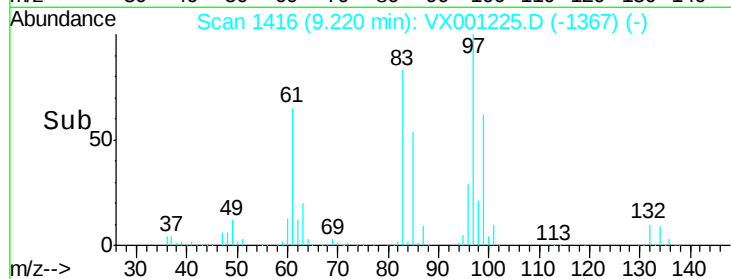
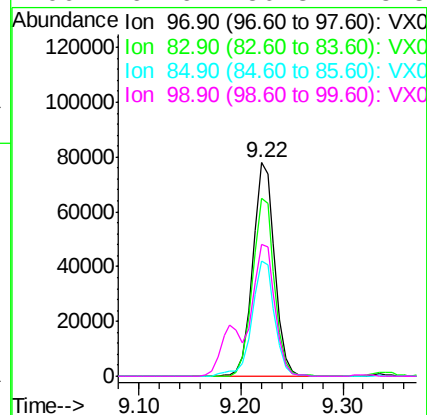
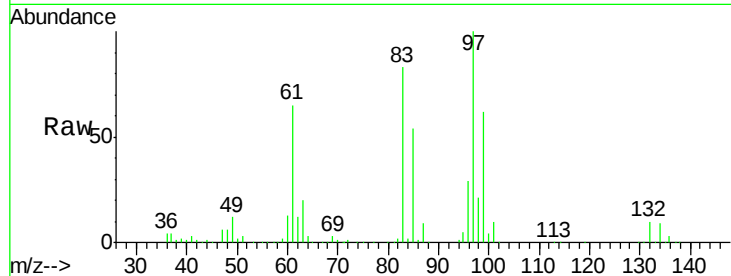
#55
 1,1,2-Trichloroethane
 Concen: 50.17 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001225.D
 Acq: 28 Apr 2018 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW102-180423MS

Tot Ion:	97	Resp:	116644
Ion	Ratio	Lower	Upper
97	100		
83	83.0	68.0	102.0
85	53.7	42.9	64.3
99	61.6	50.3	75.5

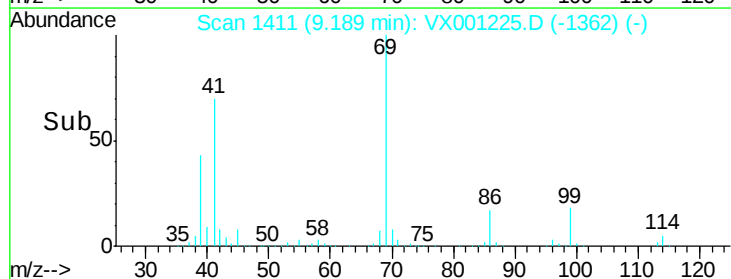
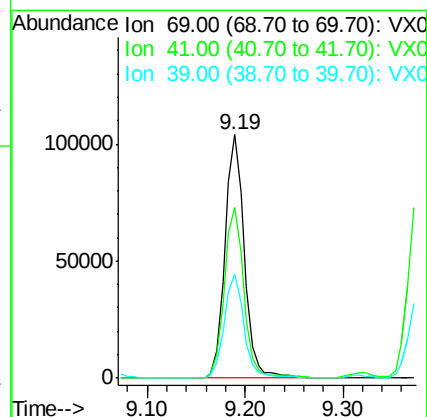
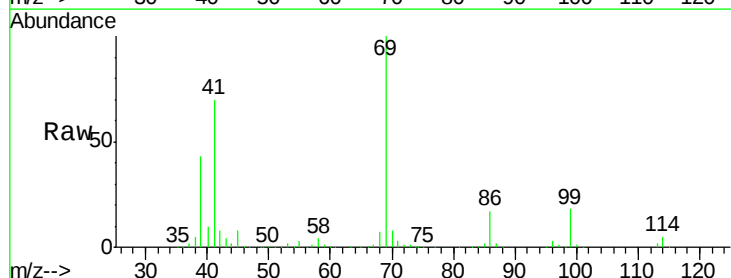
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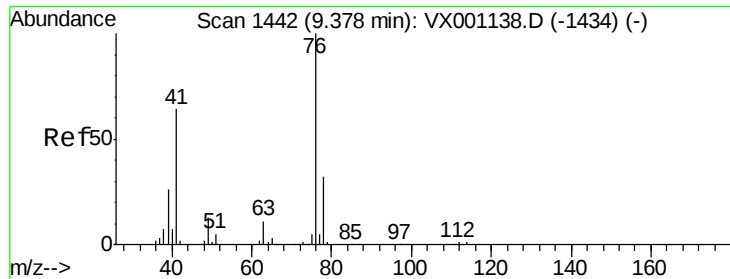
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#56
 Ethyl methacrylate
 Concen: 41.76 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001225.D
 Acq: 28 Apr 2018 20:13

Tgt Ion:	69	Resp:	143843
Ion	Ratio	Lower	Upper
69	100		
41	70.3	57.7	86.5
39	42.8	33.3	49.9





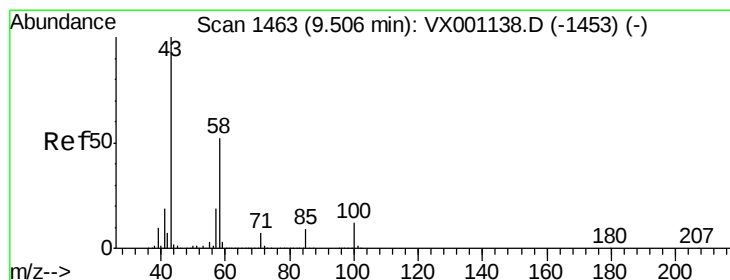
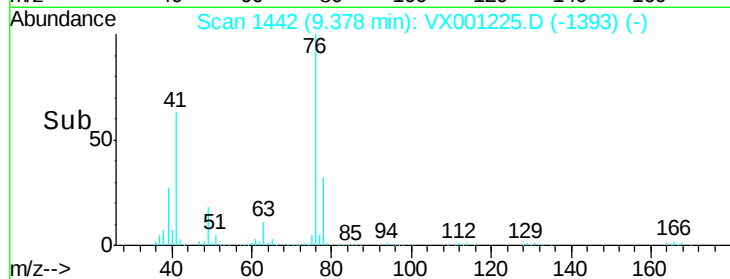
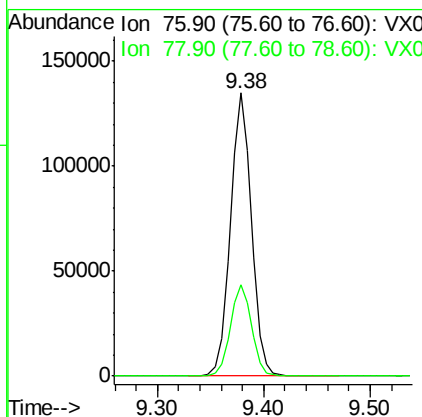
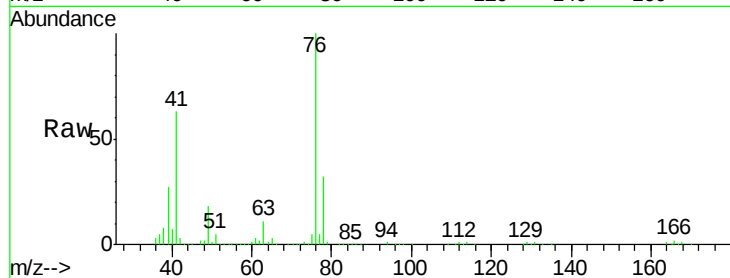
#57
 1,3-Dichloropropane
 Concen: 49.71 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001225.D
 Acq: 28 Apr 2018 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW102-180423MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.1	39.1

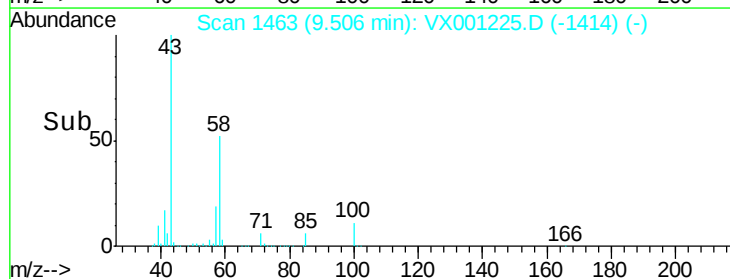
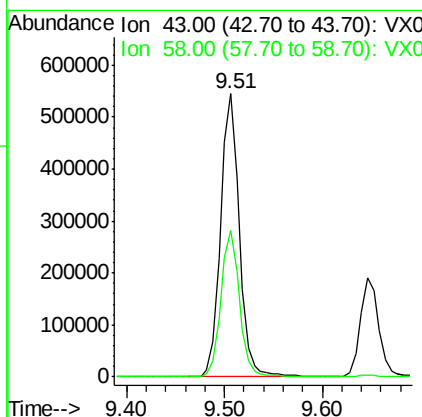
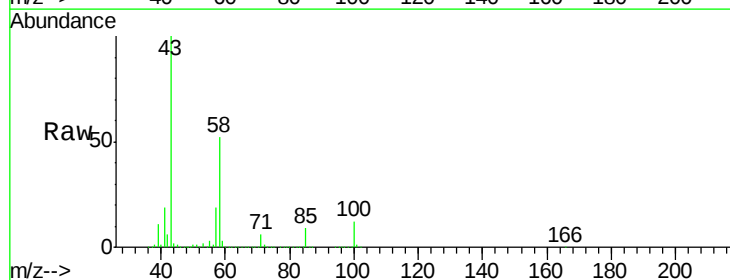
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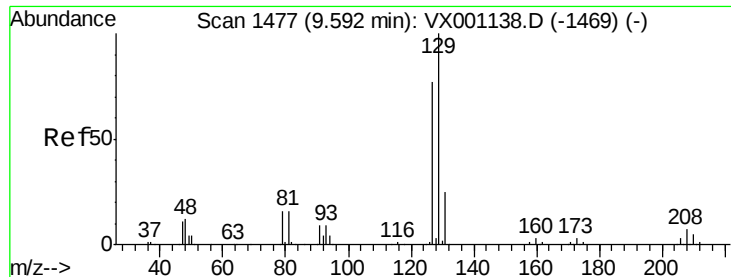
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#59
 2-Hexanone
 Concen: 257.16 ug/l
 RT: 9.51 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: VX001225.D
 Acq: 28 Apr 2018 20:13

Tgt Ion	Ratio	Lower	Upper
43	100		
58	51.7	25.8	77.4





#60

Dibromochloromethane

Concen: 47.21 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

WP022MW102-180423MS

Tot Ion:129 Resp: 127658

Ion Ratio Lower Upper

129 100

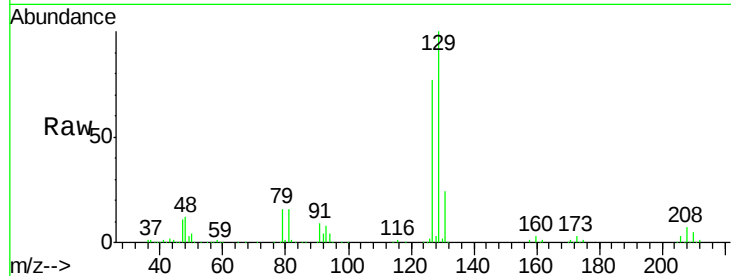
127 77.4 38.4 115.2

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.59

100000

80000

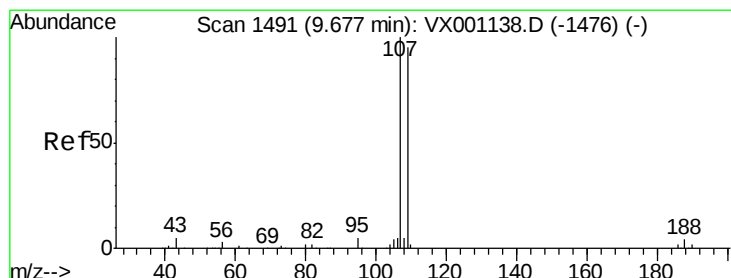
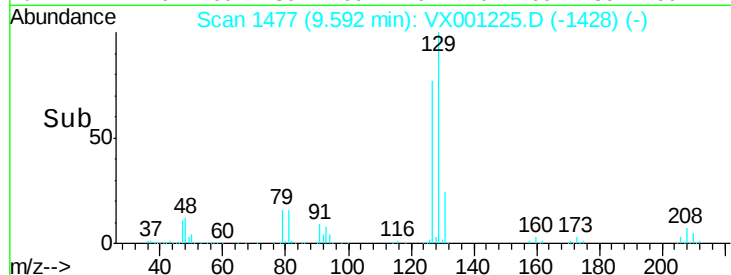
60000

40000

20000

0

Time--> 9.50 9.55 9.60 9.65



#61

1,2-Dibromoethane

Concen: 51.39 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001225.D

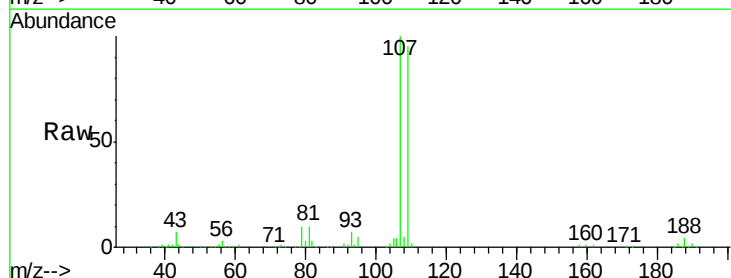
Acq: 28 Apr 2018 20:13

Tgt Ion:107 Resp: 125166

Ion Ratio Lower Upper

107 100

109 94.5 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

100000

80000

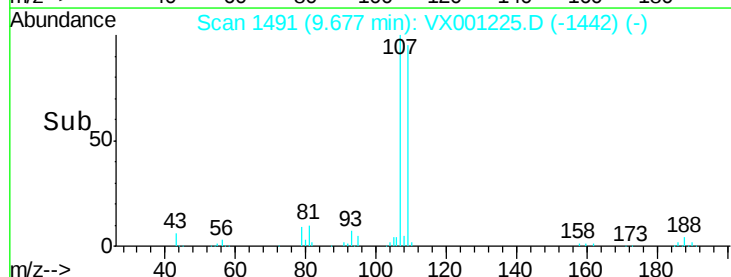
60000

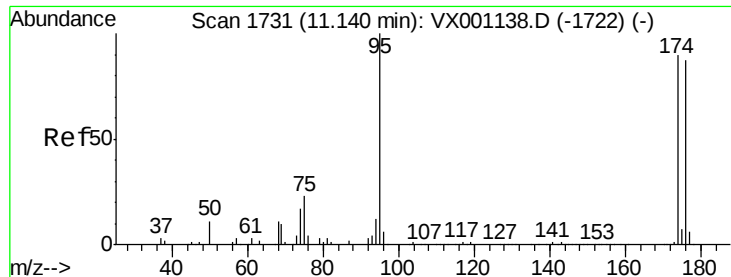
40000

20000

0

Time--> 9.60 9.65 9.70 9.75





#62

4-Bromofluorobenzene

Concen: 49.90 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

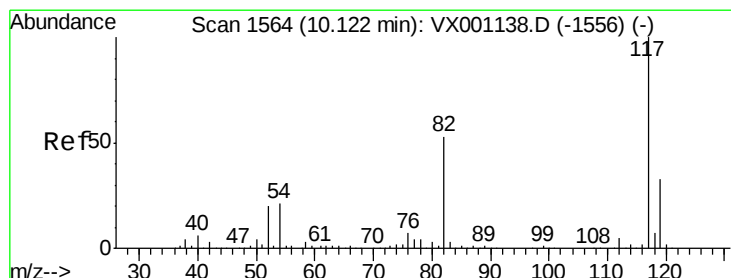
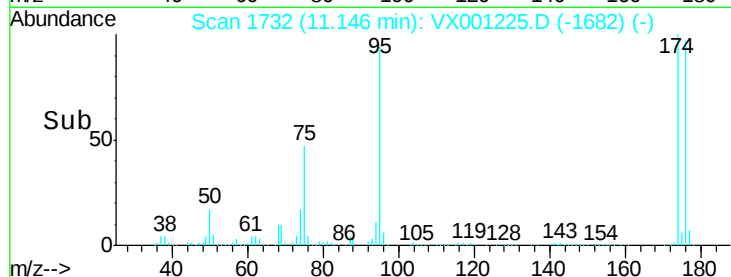
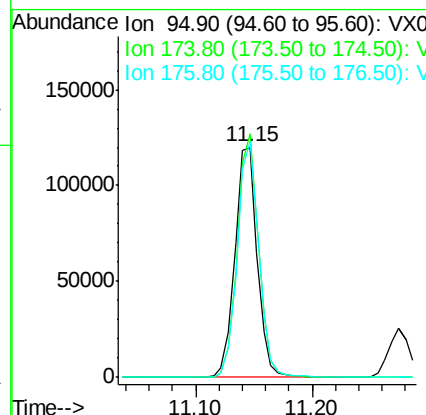
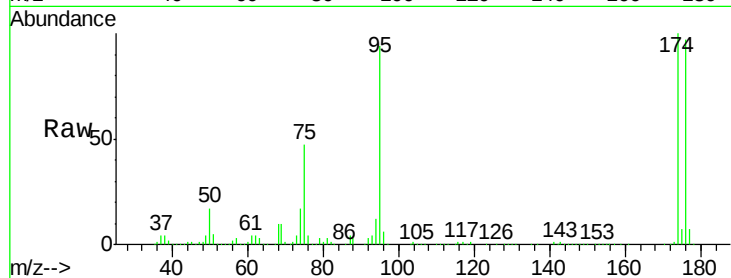
ClientSampleId :

WP022MW102-180423MS

Tot Ion:	95	Resp:	160508
Ion Ratio	Lower	Upper	
95	100		
174	101.4	0.0	194.4
176	98.8	0.0	190.2

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

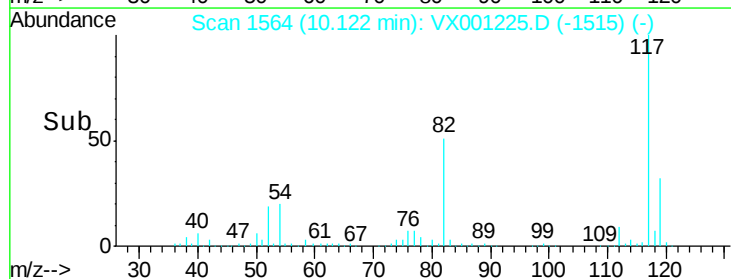
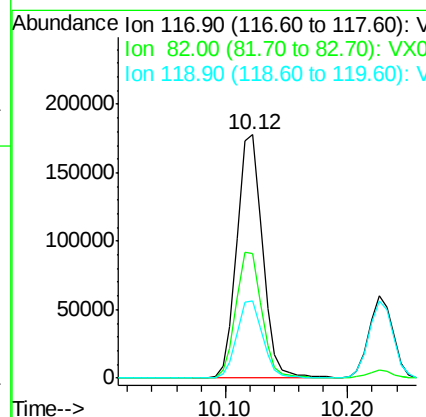
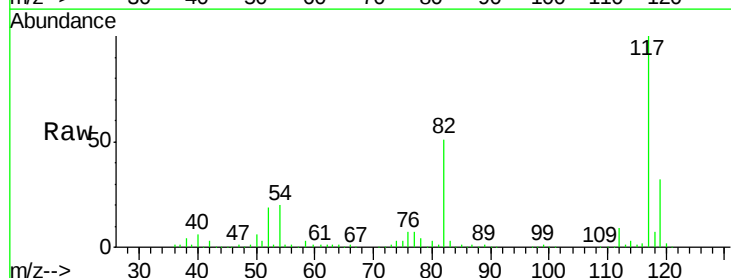
RT: 10.12 min Scan# 1564

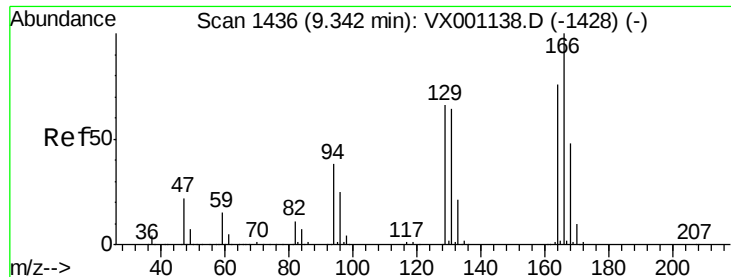
Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Tgt Ion:	117	Resp:	257792
Ion Ratio	Lower	Upper	
117	100		
82	51.1	42.1	63.1
119	31.8	26.1	39.1





#64

Tetrachloroethene

Concen: 47.74 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

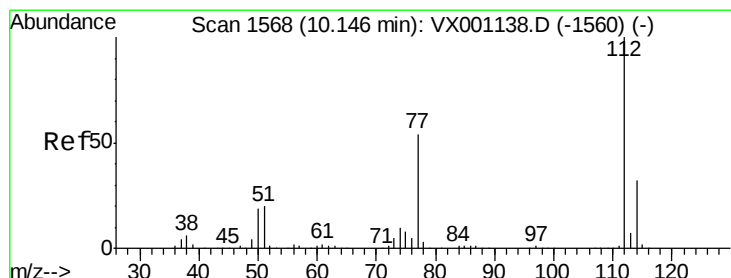
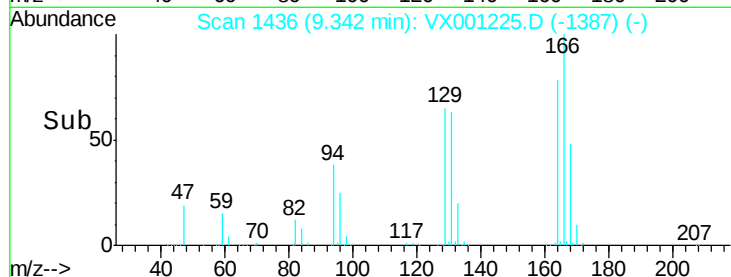
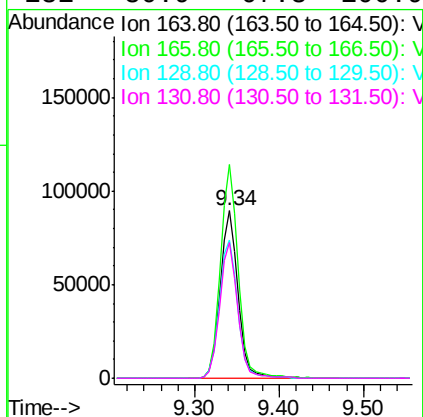
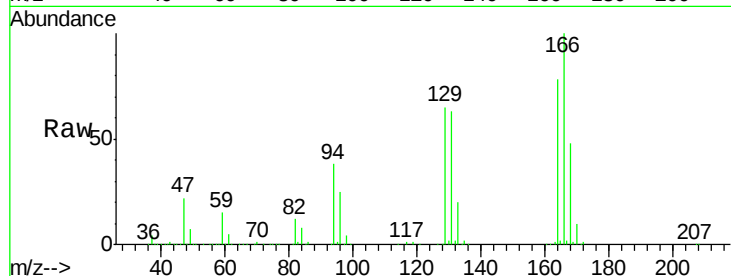
ClientSampleId :

WP022MW102-180423MS

Tot Ion:	164	Resp:	131356
Ion Ratio	Lower	Upper	
164	100		
166	127.8	105.0	157.6
129	82.7	69.4	104.2
131	80.9	67.3	100.9

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#65

Chlorobenzene

Concen: 95.76 ug/l

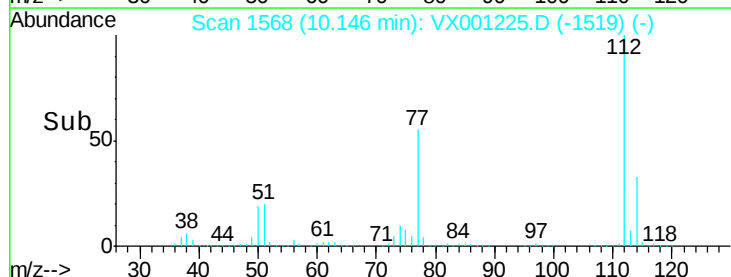
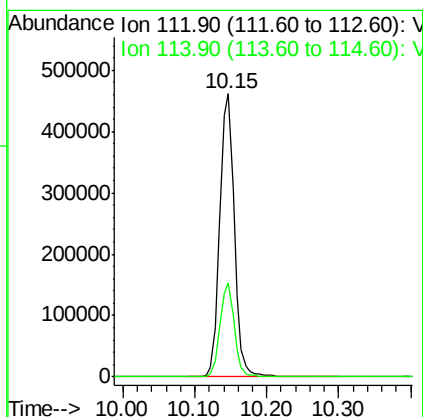
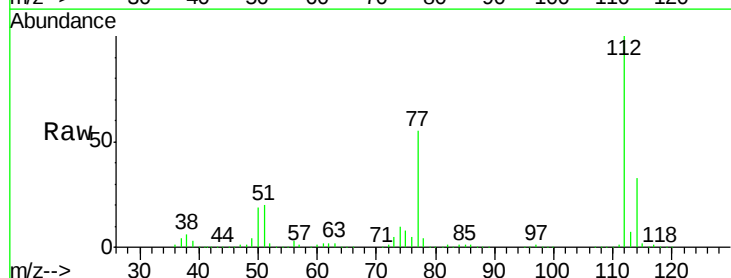
RT: 10.15 min Scan# 1568

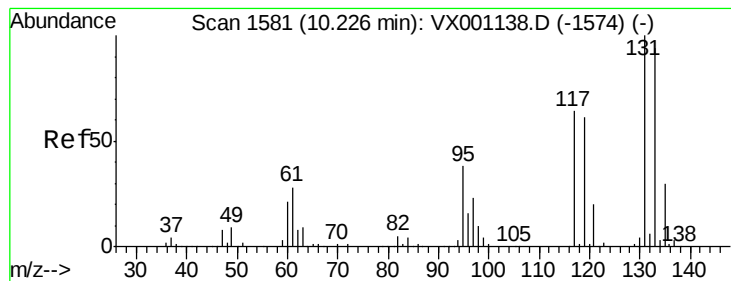
Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Tgt Ion:	112	Resp:	646780
Ion Ratio	Lower	Upper	
112	100		
114	33.1	25.7	38.5





#66

1,1,1,2-Tetrachloroethane

Concen: 53.56 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

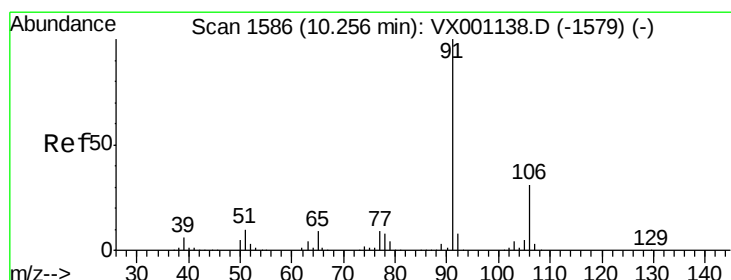
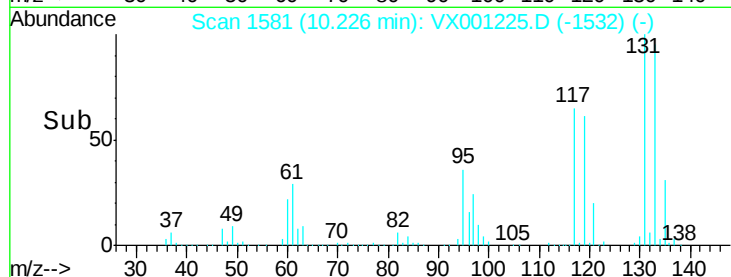
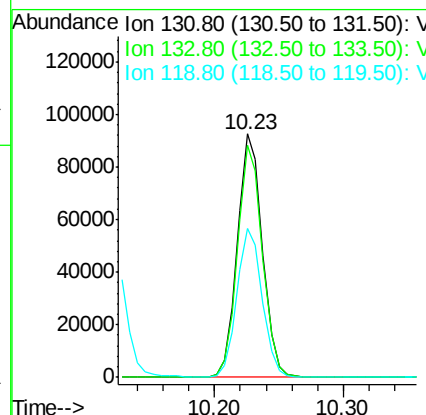
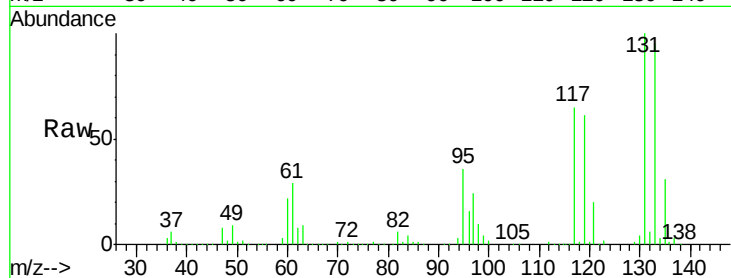
ClientSampleId :

WP022MW102-180423MS

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.0	47.8	143.4
119	62.0	31.3	93.8

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#67

Ethyl Benzene

Concen: 49.45 ug/l

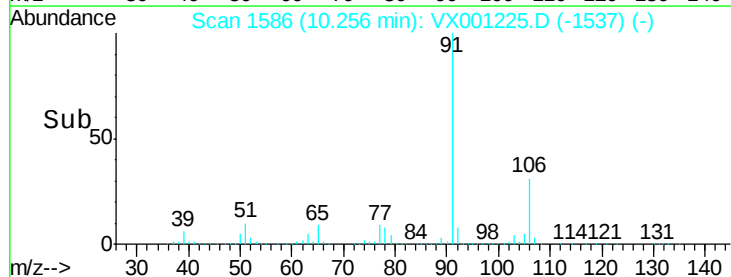
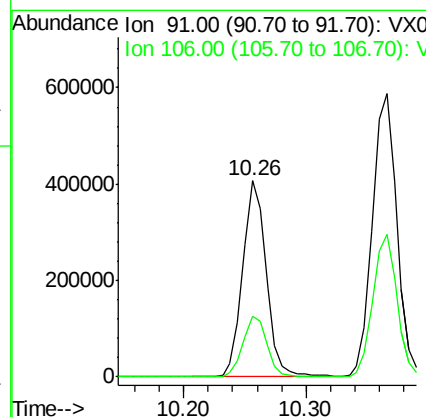
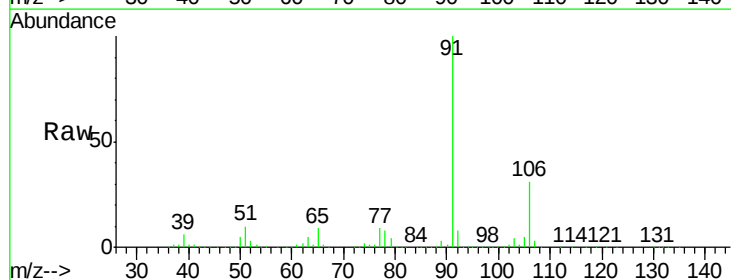
RT: 10.26 min Scan# 1586

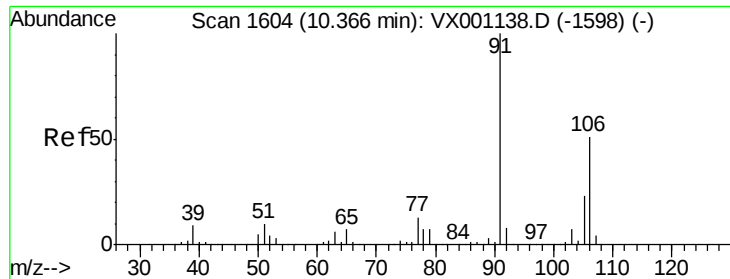
Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.3	24.8	37.2





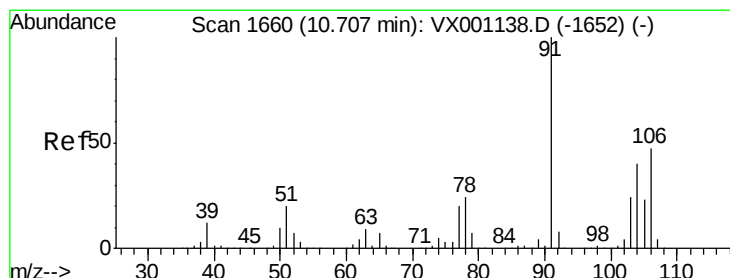
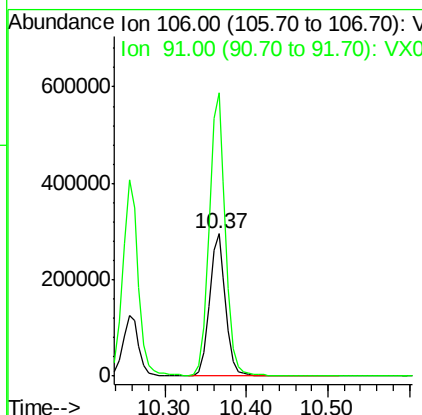
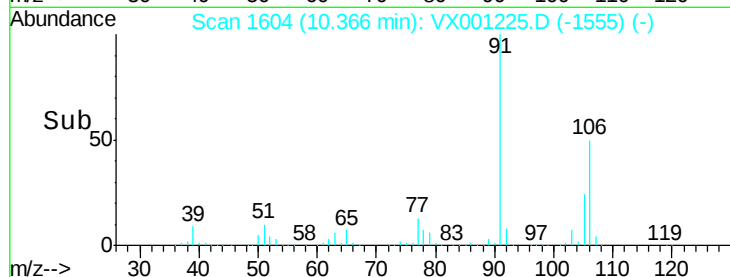
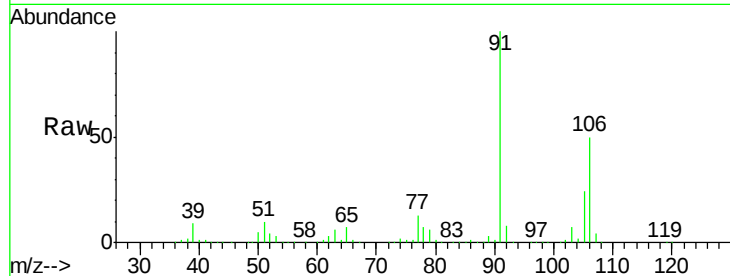
#68
m/p-Xvlenes
Concen: 94.44 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423MS

Tot Ion:106 Resp: 409724
Ion Ratio Lower Upper
106 100
91 200.7 160.9 241.3

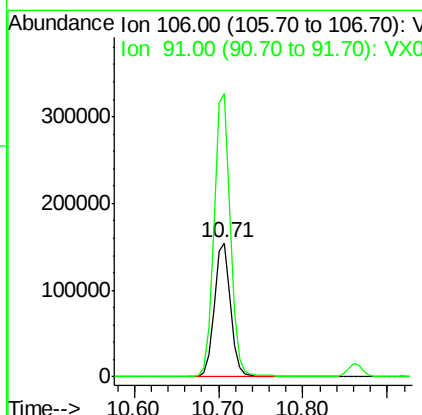
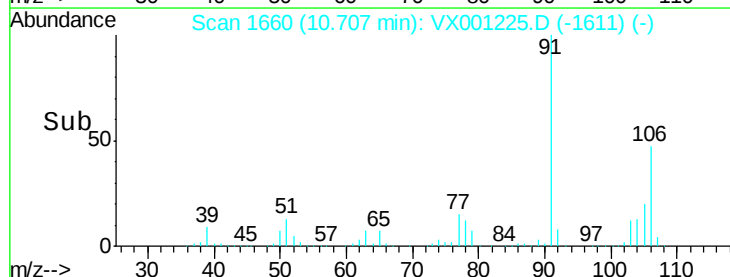
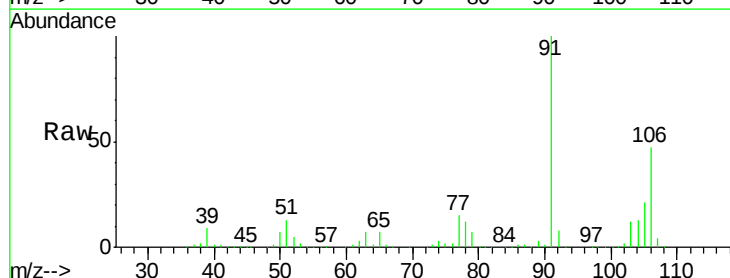
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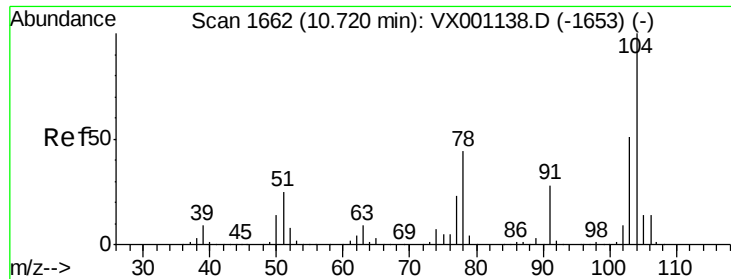
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#69
o-Xylene
Concen: 49.00 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Tgt Ion:106 Resp: 206199
Ion Ratio Lower Upper
106 100
91 213.4 106.2 318.5





#70

Stvrene

Concen: 16.47 ug/l

RT: 10.72 min Scan# 1662

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

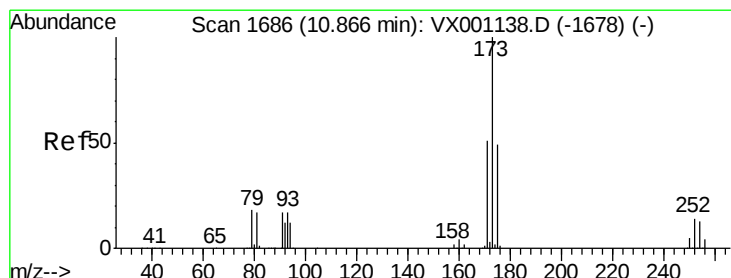
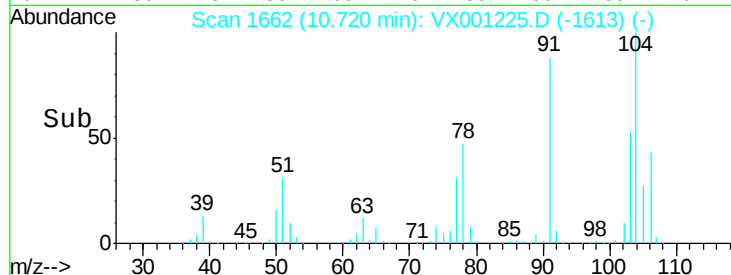
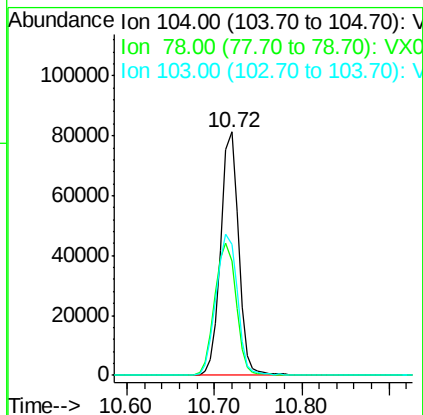
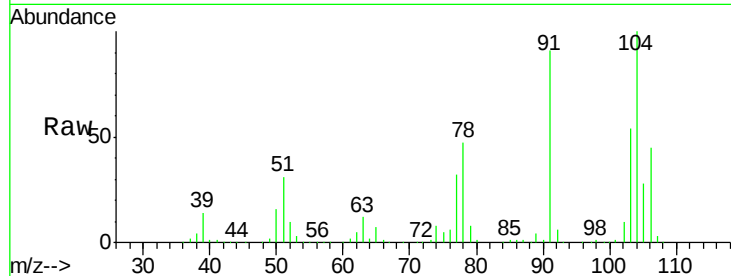
ClientSampleId :

WP022MW102-180423MS

Tot Ion:	104	Resp:	115364
Ion Ratio	Lower	Upper	
104	100		
78	65.5	40.3	60.5#
103	69.4	44.3	66.5#

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#71

Bromoform

Concen: 43.93 ug/l

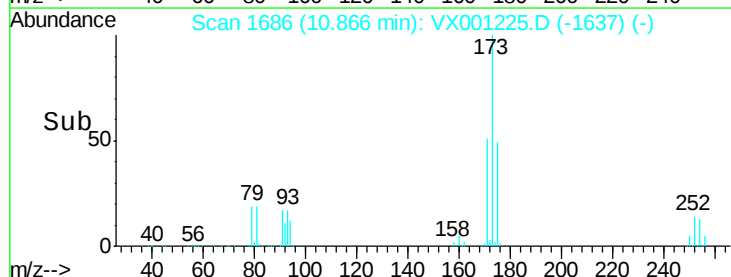
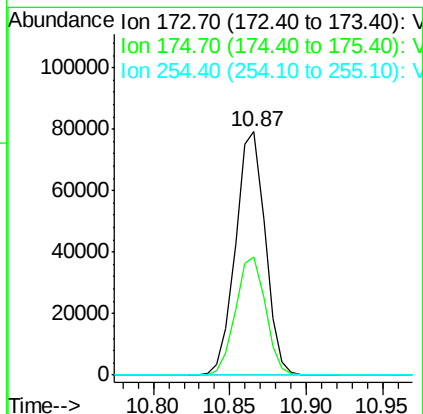
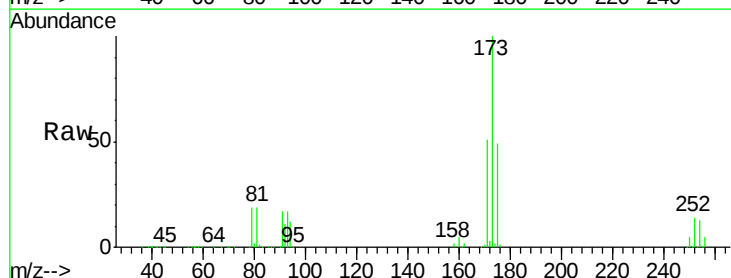
RT: 10.87 min Scan# 1686

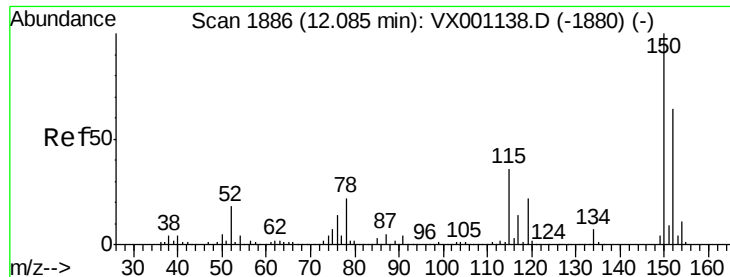
Delta R.T. 0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Tgt Ion:	173	Resp:	106342
Ion Ratio	Lower	Upper	
173	100		
175	48.9	24.6	73.8
254	0.2	0.2	0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

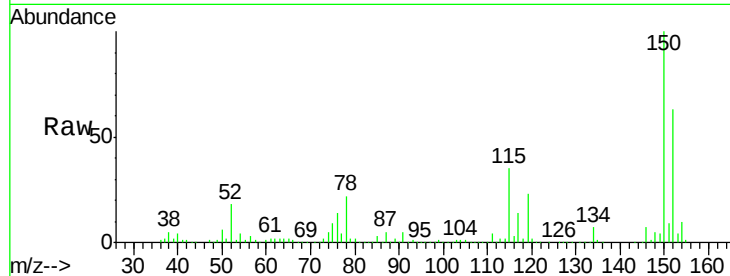
ClientSampleId :

WP022MW102-180423MS

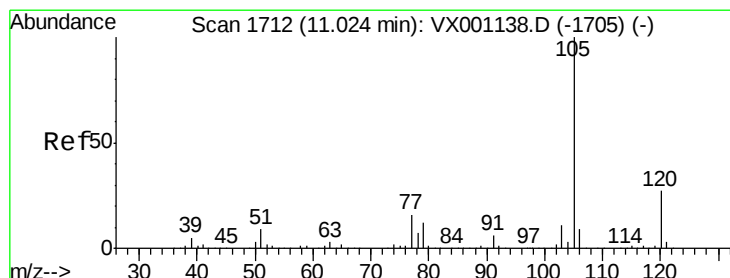
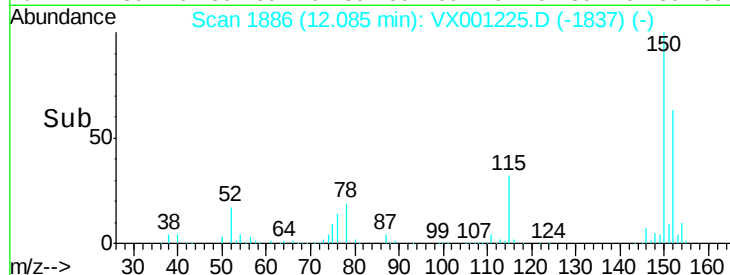
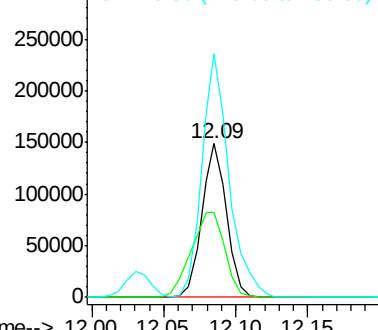
Tot Ion	Ratio	Resp	Lower	Upper
152	100	178362		
115	75.0	38.0	114.0	
150	175.2	0.0	349.6	

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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 48.41 ug/l

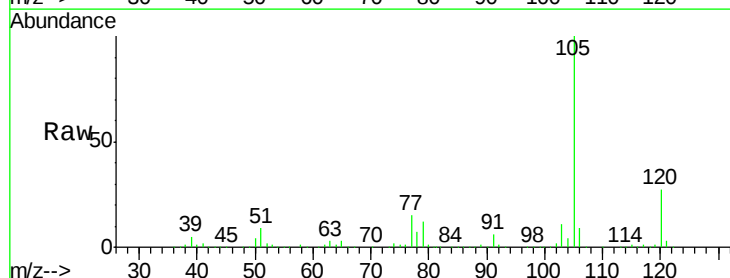
RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

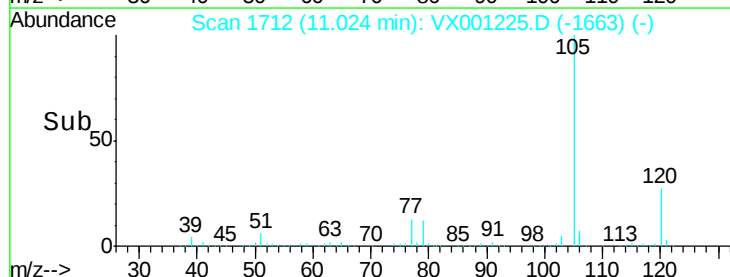
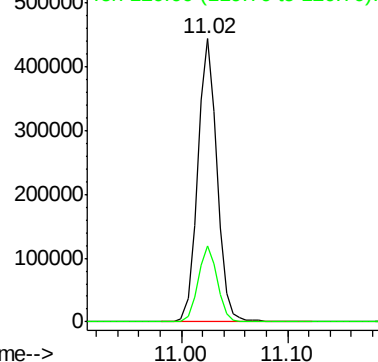
Lab File: VX001225.D

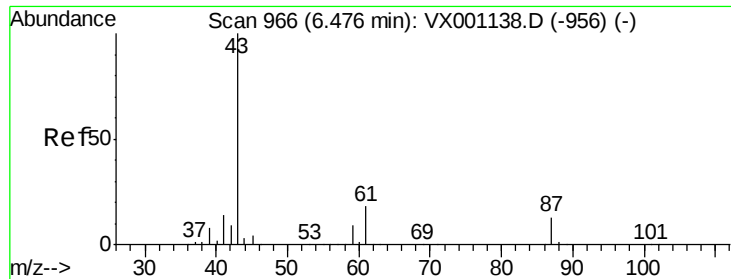
Acq: 28 Apr 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	562762		
120	26.8	13.6	40.8	



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





#74

N-amvl acetate

Concen: 45.07 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

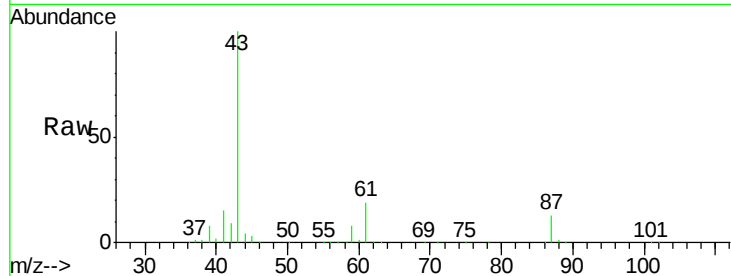
ClientSampleId :

WP022MW102-180423MS

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	0.0	0.0	0.0	
55	0.1	0.0	0.0	0.0#
61	18.6	15.0	22.6	

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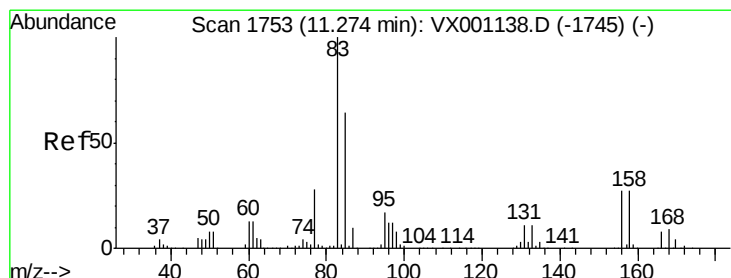
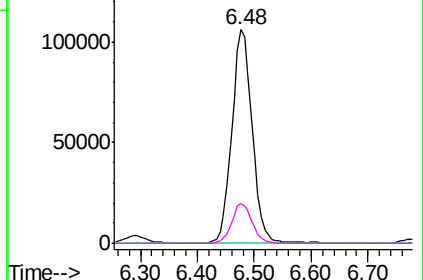
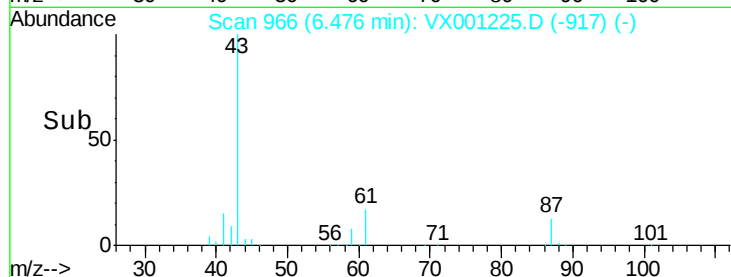


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 48.06 ug/l

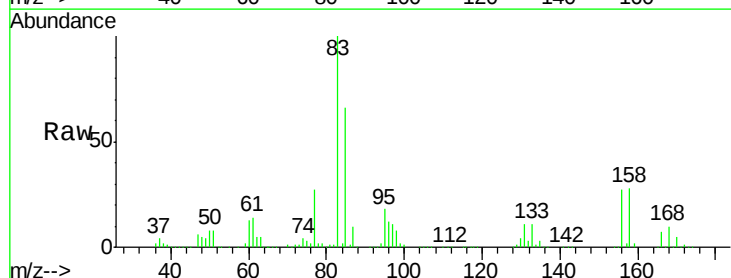
RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

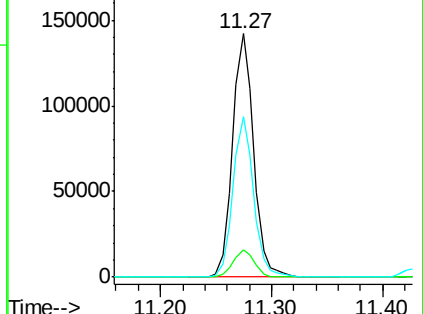
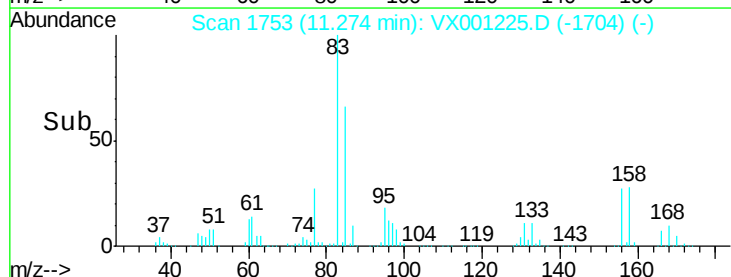
Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	11.4	5.8	17.4	
85	64.7	32.1	96.3	

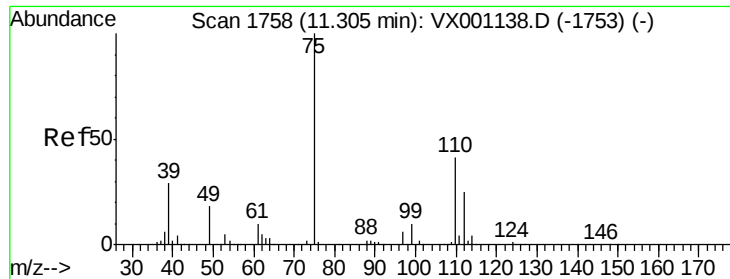


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





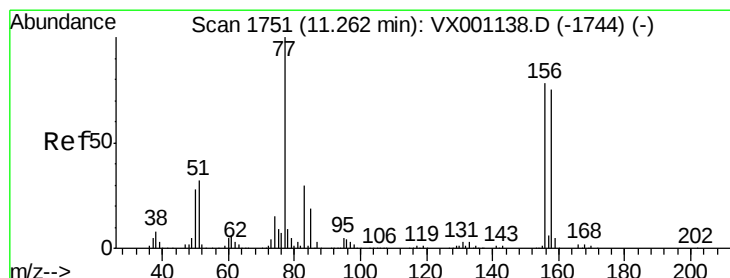
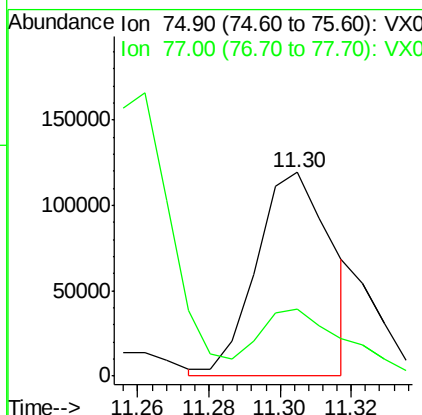
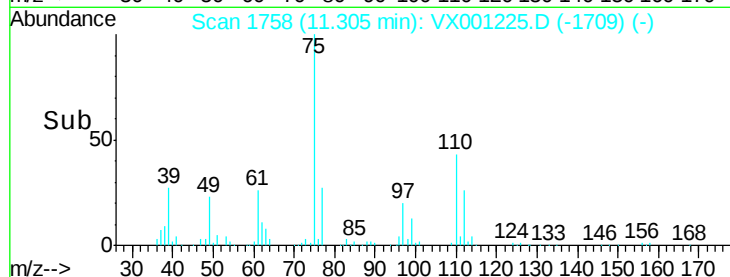
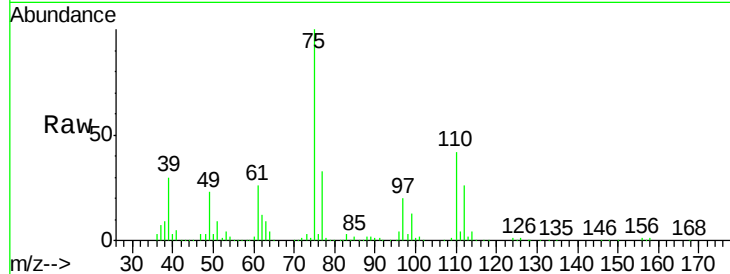
#76
1,2,3-Trichloropropane
Concen: 47.86 ug/l m
RT: 11.30 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423MS

Tot Ion: 75 Resp: 173806
Ion Ratio Lower Upper
75 100
77 37.9 18.9 56.9

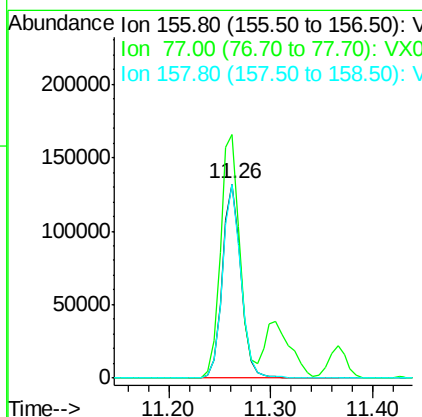
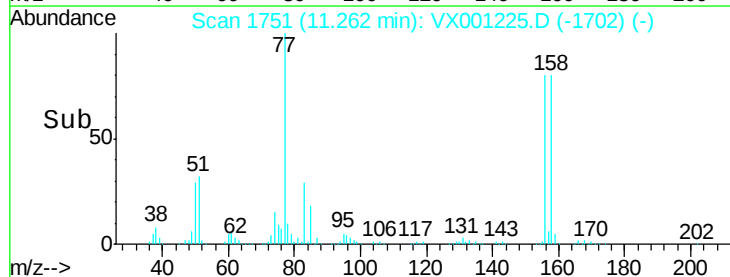
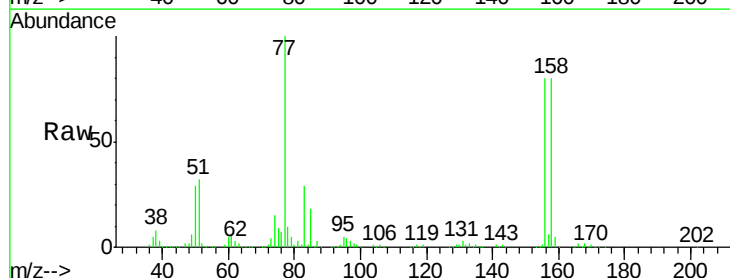
Manual Integrations
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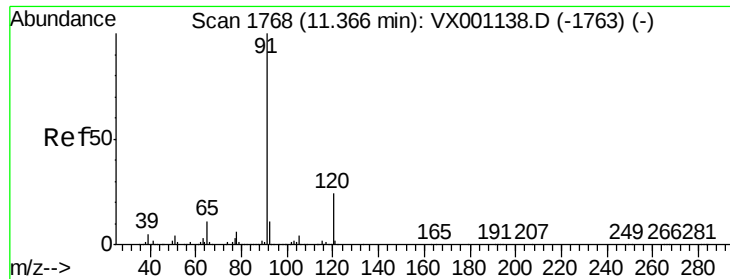
apatel
5/1/2018 7:45:29 PM



#77
Bromobenzene
Concen: 48.58 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Tgt Ion: 156 Resp: 167471
Ion Ratio Lower Upper
156 100
77 131.9 67.8 203.2
158 99.0 48.9 146.7





#78

n-propylbenzene

Concen: 49.04 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

WP022MW102-180423MS

Tot Ion: 91 Resp: 635767

Ion Ratio Lower Upper

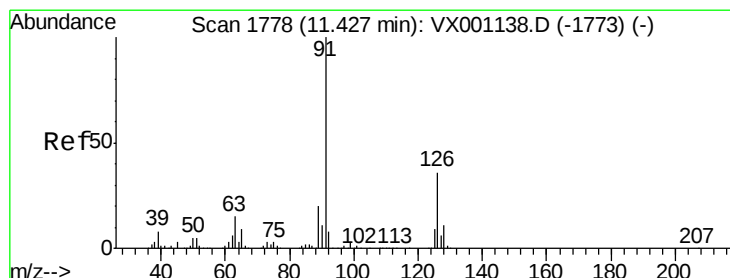
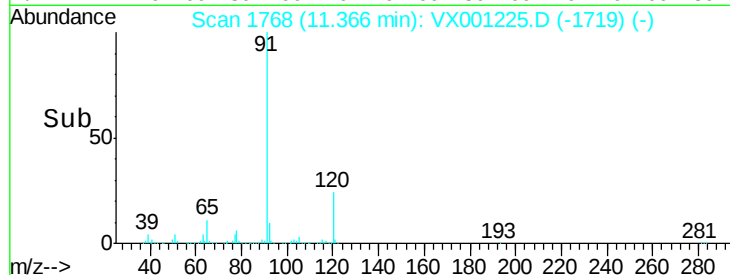
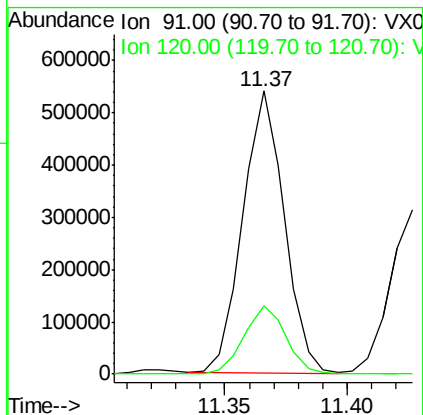
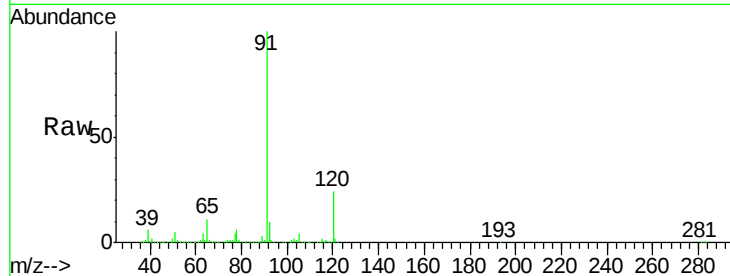
91 100

120 24.5 12.2 36.6

Manual Integrations
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#79

2-Chlorotoluene

Concen: 48.32 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001225.D

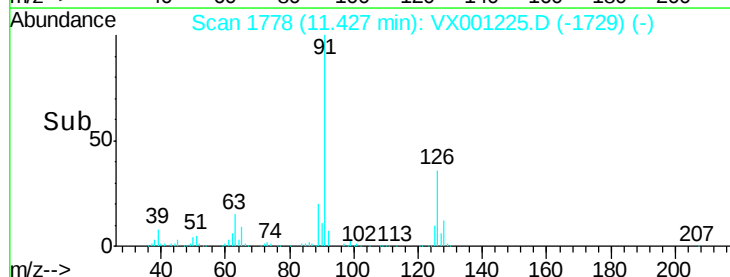
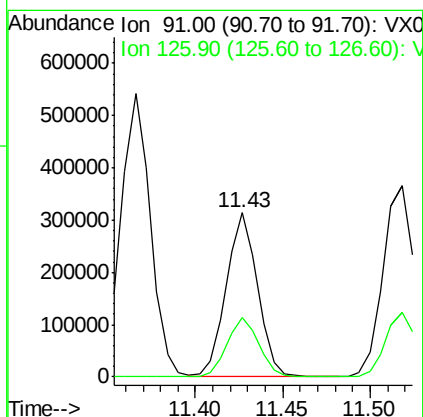
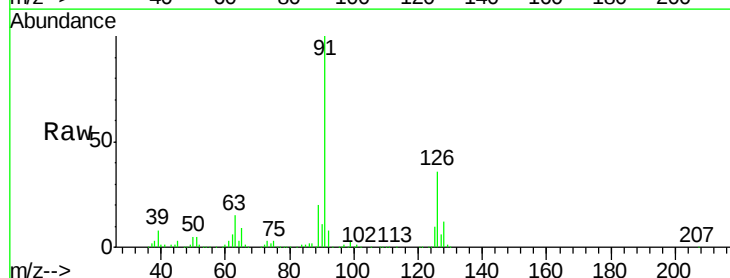
Acq: 28 Apr 2018 20:13

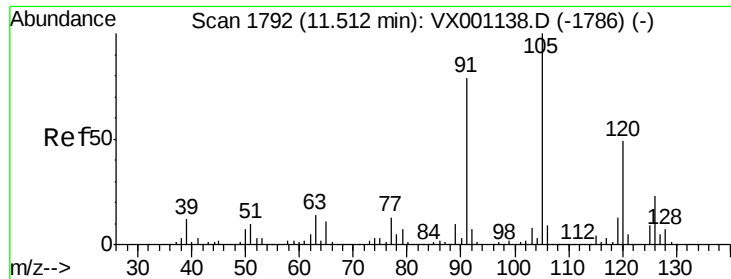
Tgt Ion: 91 Resp: 388319

Ion Ratio Lower Upper

91 100

126 36.8 18.2 54.6





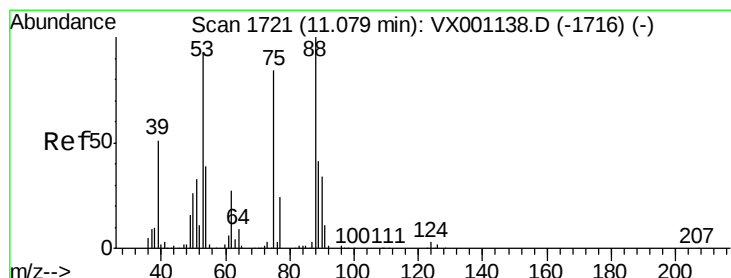
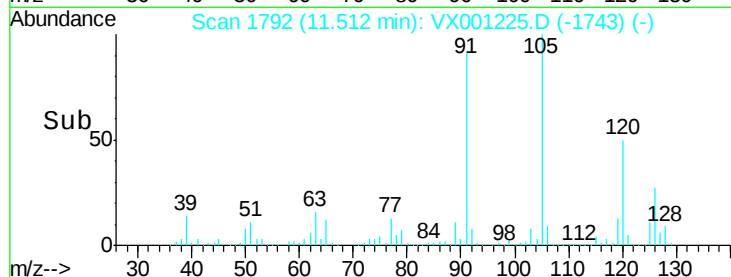
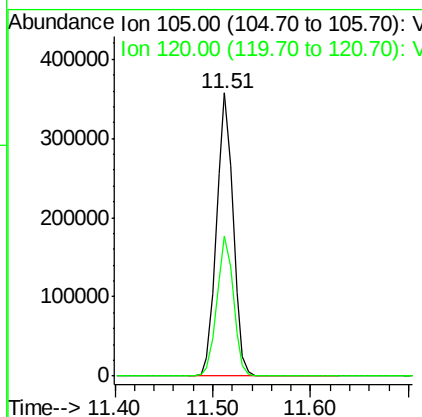
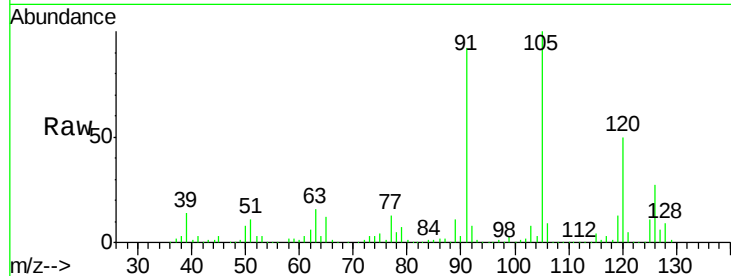
#80
 1,3,5-Trimethylbenzene
 Concen: 42.69 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX001225.D
 Acq: 28 Apr 2018 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW102-180423MS

Tot Ion:105 Resp: 420199
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.6 74.0

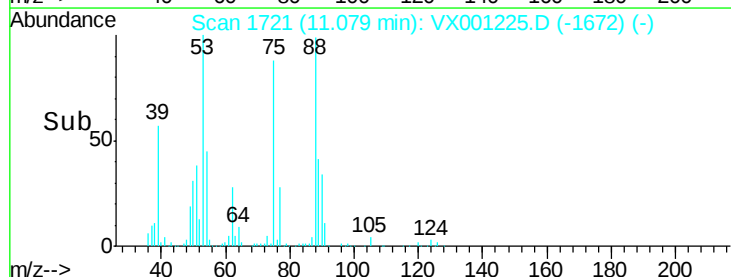
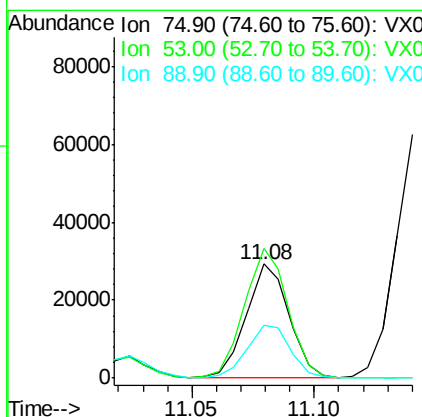
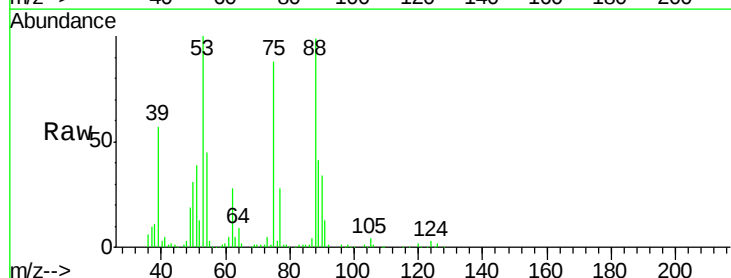
Manual Integrations
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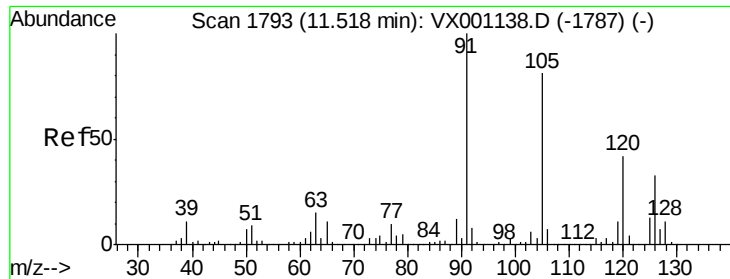
apatel
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 32.80 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX001225.D
 Acq: 28 Apr 2018 20:13

Tgt Ion: 75 Resp: 35211
 Ion Ratio Lower Upper
 75 100
 53 117.4 87.9 131.9
 89 47.7 37.7 56.5





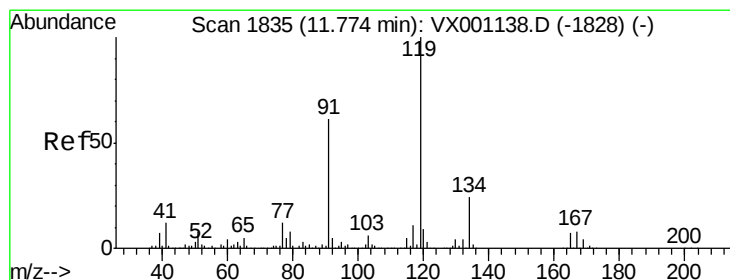
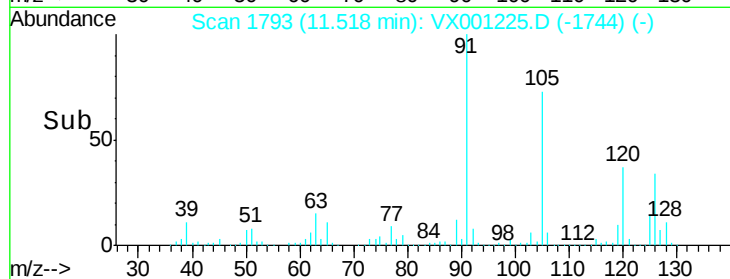
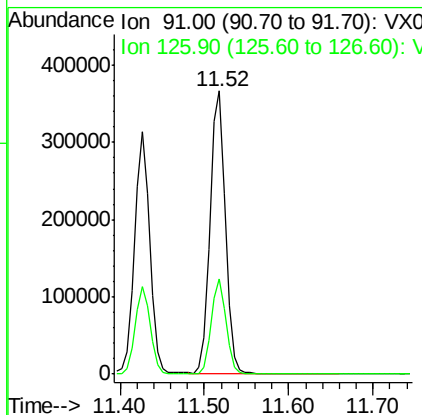
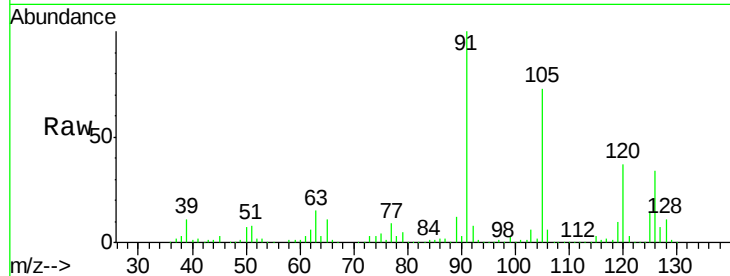
#82
4-Chlorotoluene
Concen: 48.64 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423MS

Tot Ion: 91 Resp: 464568
Ion Ratio Lower Upper
91 100
126 32.5 15.8 47.4

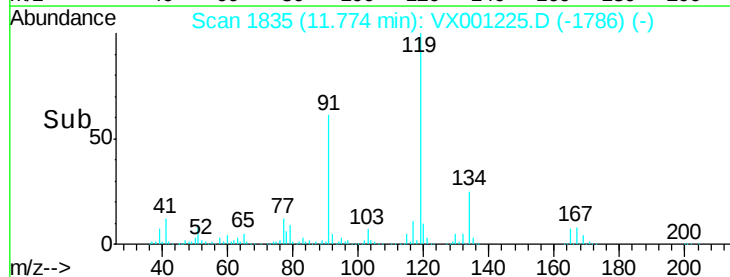
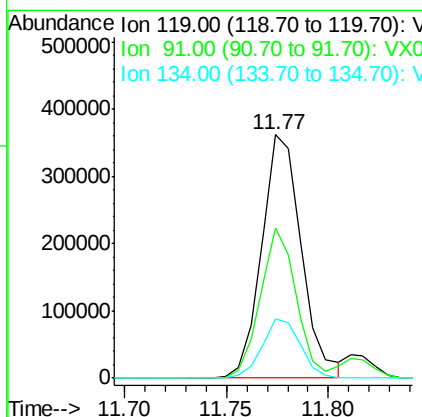
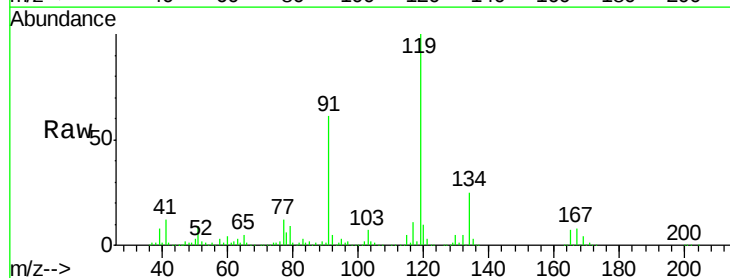
Manual Integrations
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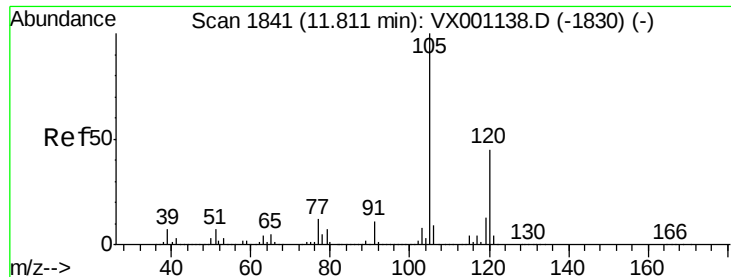
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#83
tert-Butylbenzene
Concen: 50.12 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Tgt Ion: 119 Resp: 492306
Ion Ratio Lower Upper
119 100
91 55.5 27.6 82.8
134 23.5 11.5 34.5





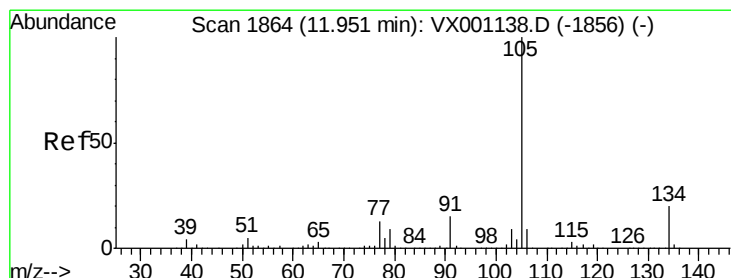
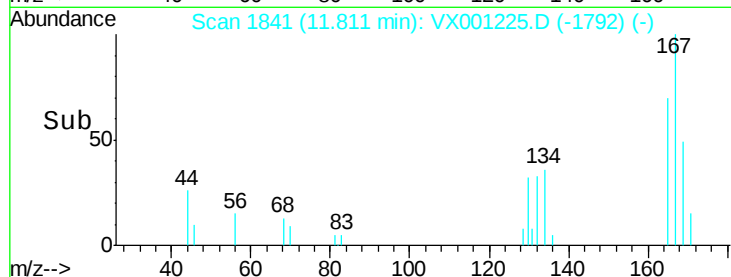
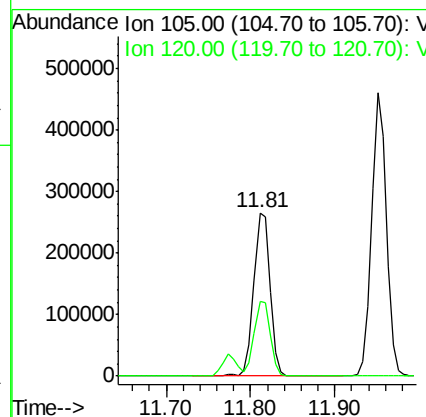
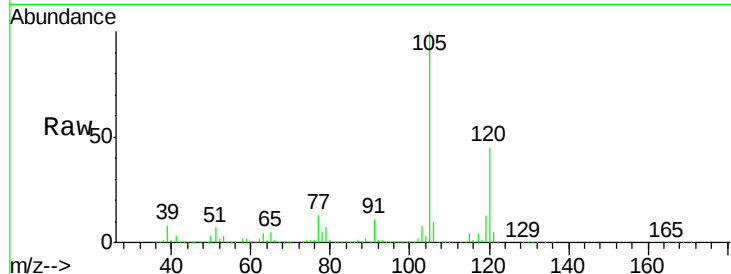
#84
1,2,4-Trimethylbenzene
Concen: 33.73 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423MS

Tot Ion:105 Resp: 341206
Ion Ratio Lower Upper
105 100
120 45.0 22.4 67.3

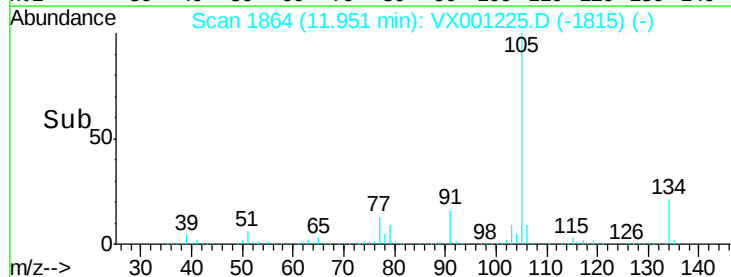
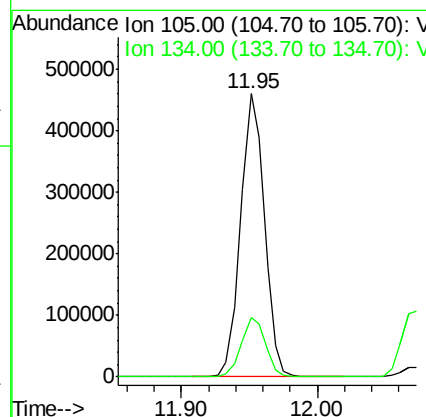
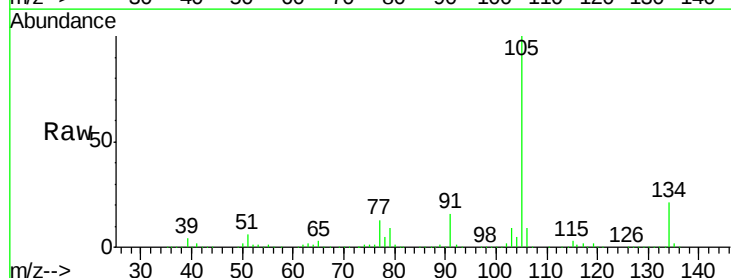
Manual Integrations
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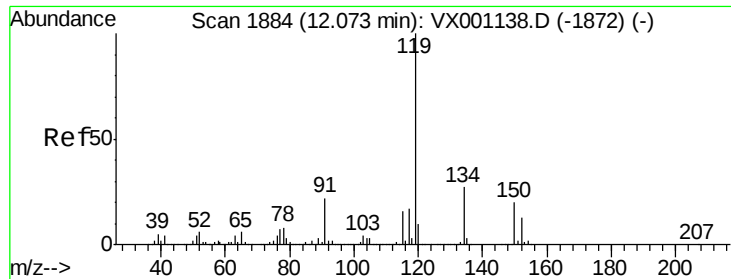
apatel
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#85
sec-Butylbenzene
Concen: 48.99 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Tgt Ion:105 Resp: 562126
Ion Ratio Lower Upper
105 100
134 21.2 10.5 31.5





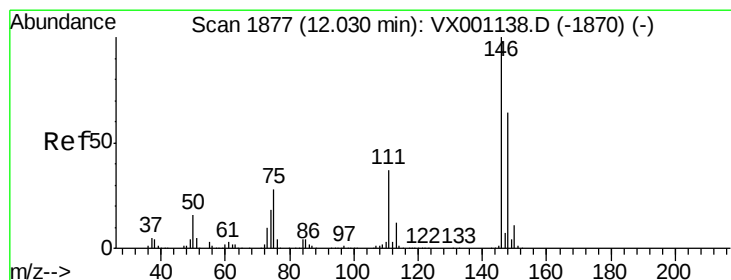
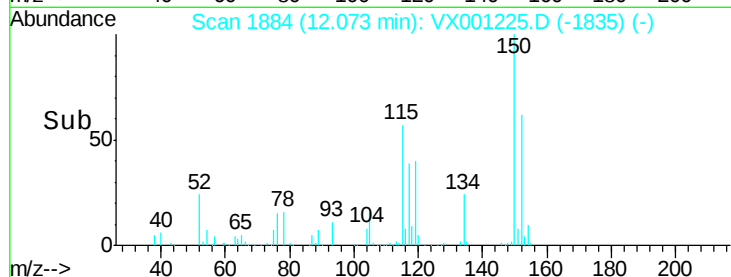
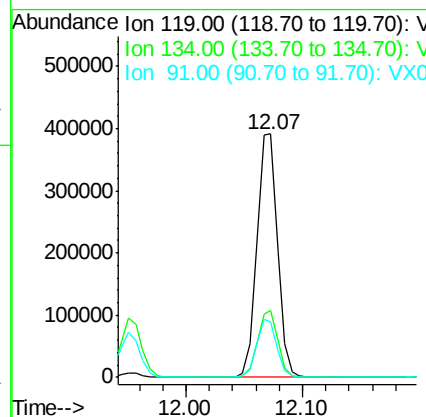
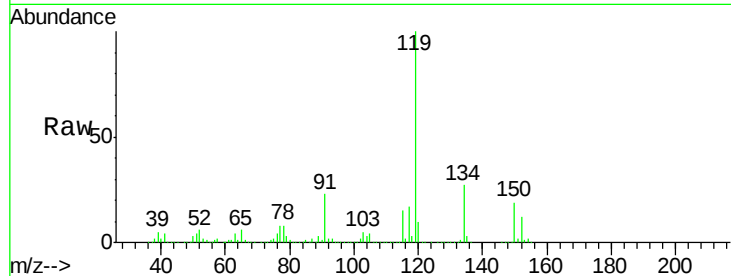
#86
p-Isopropyltoluene
Concen: 45.27 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	483218		
134	26.9		13.4	40.1
91	23.2		11.6	34.8

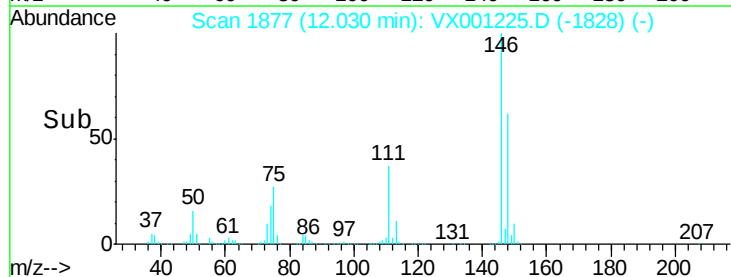
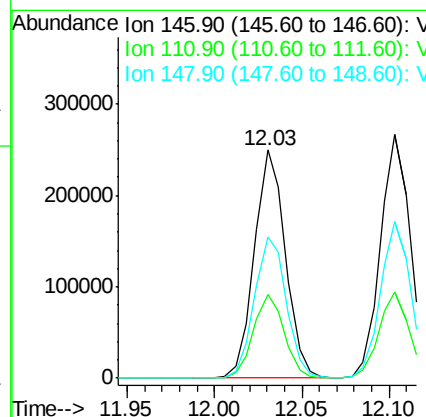
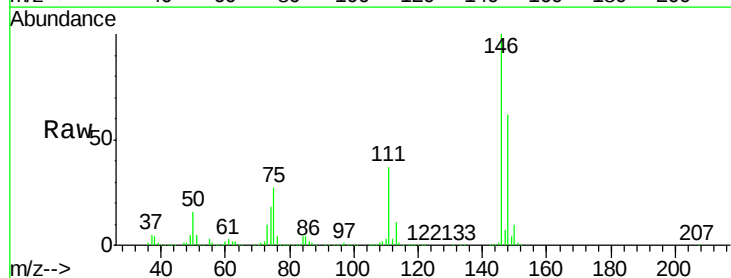
Manual Integrations
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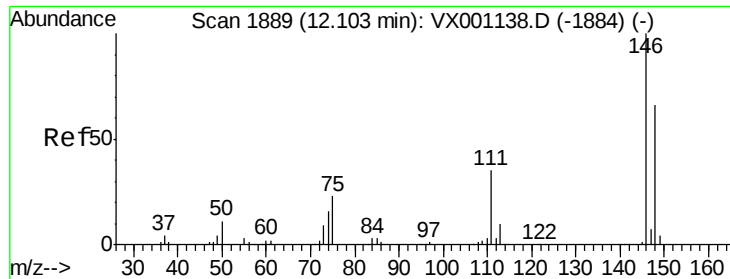
apatel
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#87
1,3-Dichlorobenzene
Concen: 49.89 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	308795		
111	36.5		18.6	56.0
148	63.5		32.3	96.8





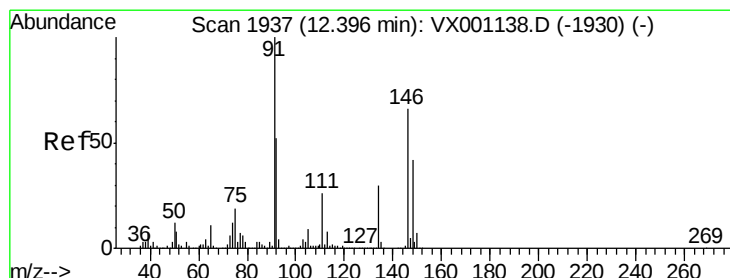
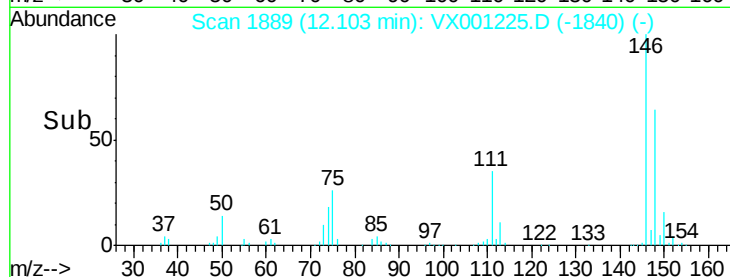
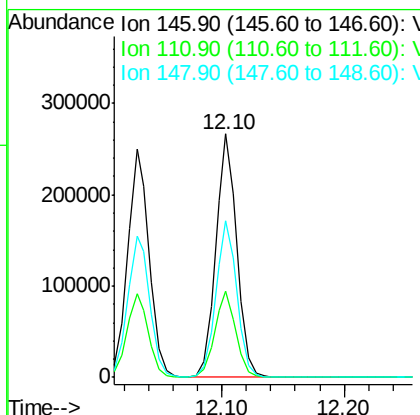
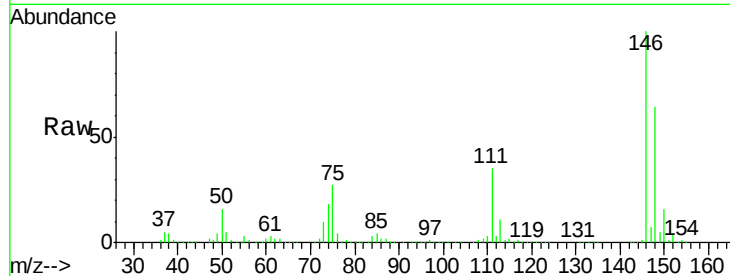
#88
 1,4-Dichlorobenzene
 Concen: 49.36 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001225.D
 Acq: 28 Apr 2018 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW102-180423MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.6	18.0	54.0
148	64.3	32.5	97.5

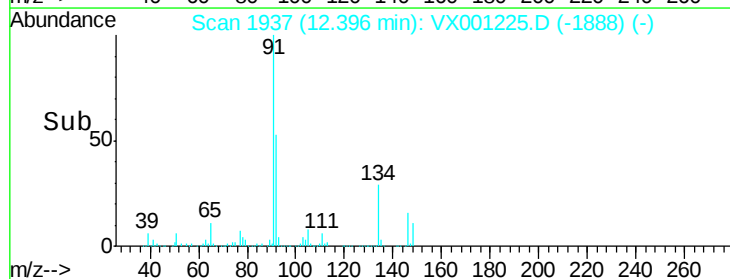
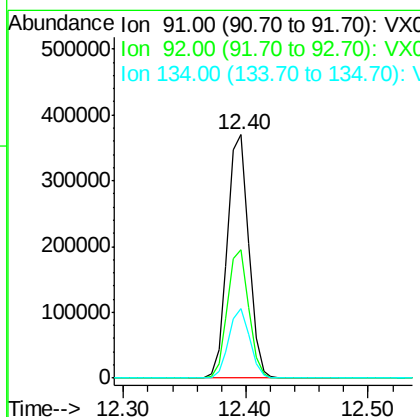
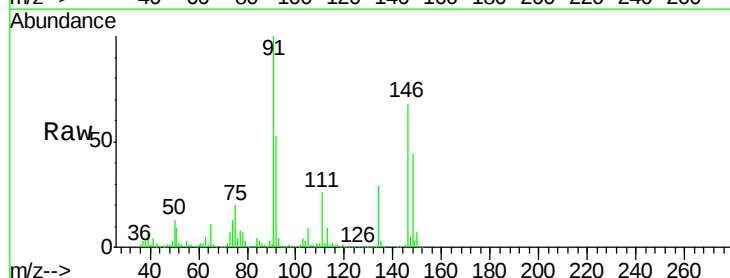
Manual Integrations
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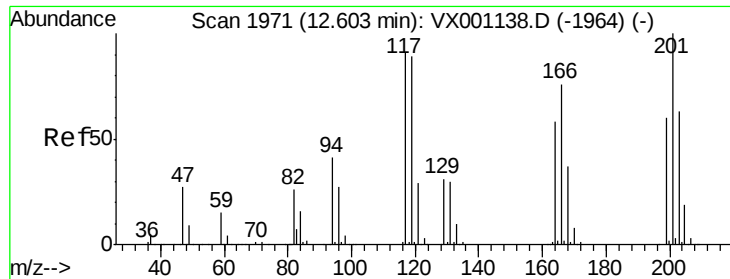
apatel
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#89
 n-Butylbenzene
 Concen: 48.26 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001225.D
 Acq: 28 Apr 2018 20:13

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.2	78.6
134	27.9	14.1	42.3





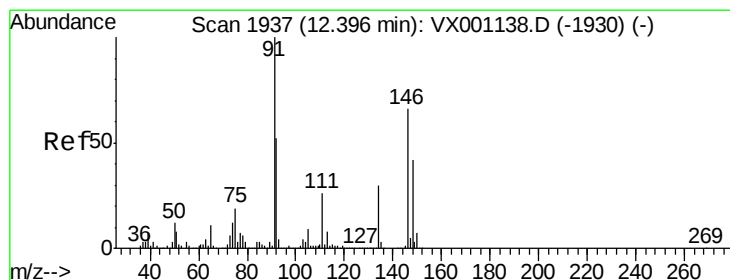
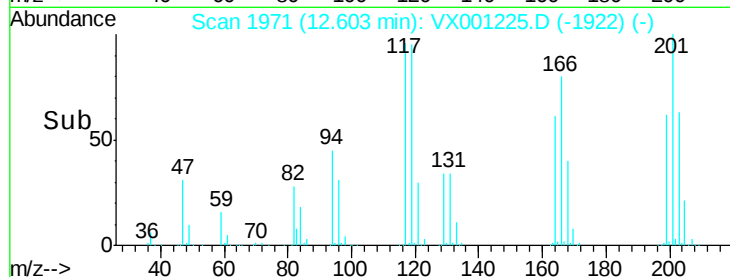
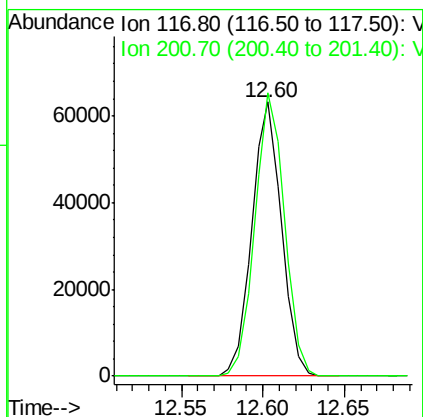
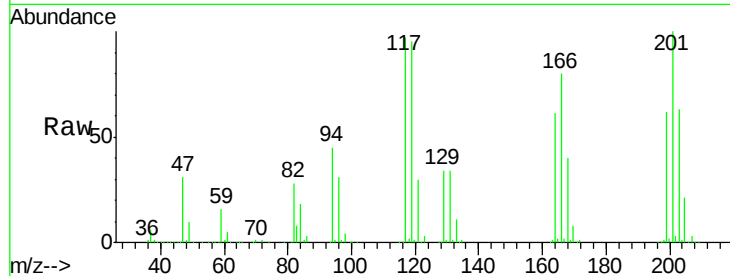
#90
Hexachloroethane
Concen: 46.57 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Instrument :
MSVOA_X
ClientSampleId :
WP022MW102-180423MS

Tot Ion:117 Resp: 79786
Ion Ratio Lower Upper
117 100
201 103.2 51.8 155.4

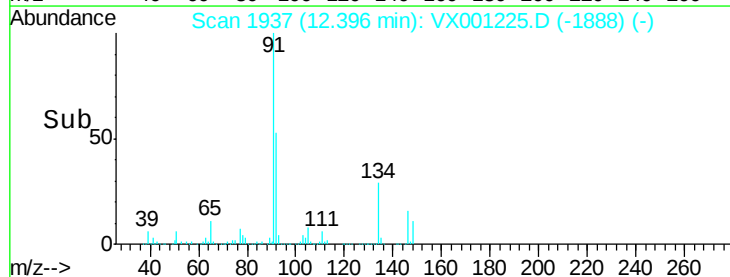
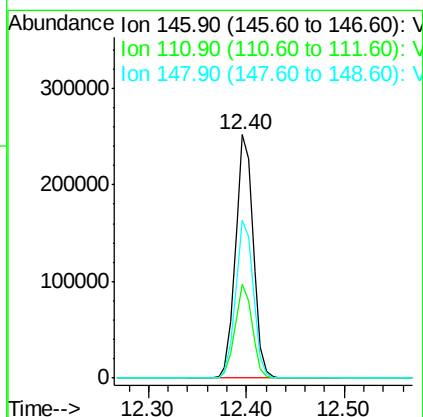
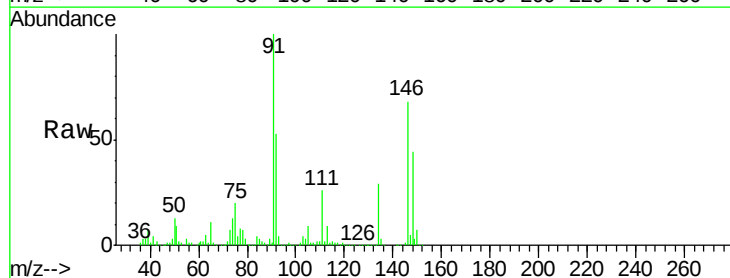
Manual Integrations
APPROVED

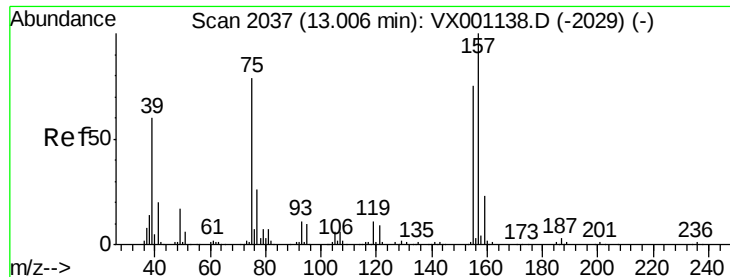
apatel
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#91
1,2-Dichlorobenzene
Concen: 50.37 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001225.D
Acq: 28 Apr 2018 20:13

Tgt Ion:146 Resp: 315091
Ion Ratio Lower Upper
146 100
111 37.6 19.1 57.3
148 64.9 32.2 96.6





#92

1,2-Dibromo-3-Chloropropane

Concen: 49.68 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

WP022MW102-180423MS

Tot Ion: 75 Resp: 42286

Ion Ratio Lower Upper

75 100

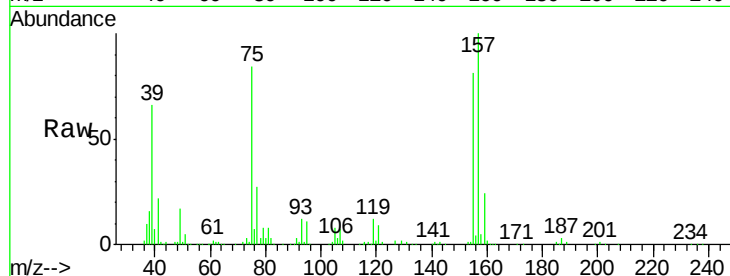
155 99.5 48.4 145.3

157 127.2 62.7 188.1

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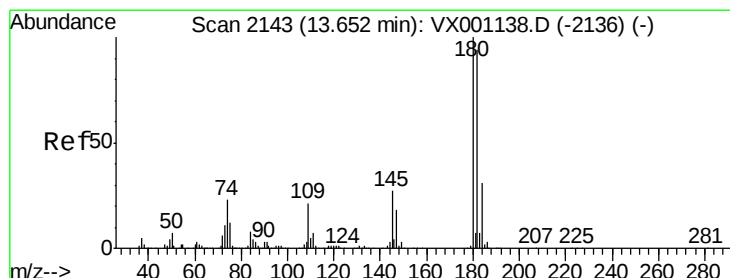
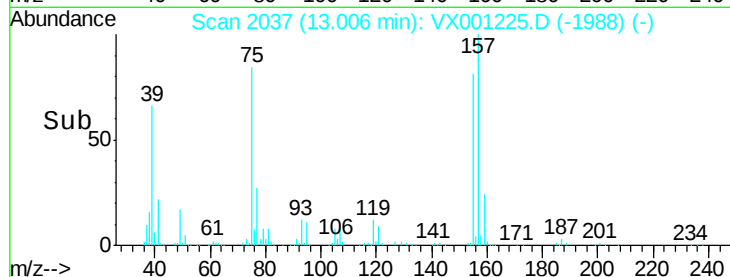
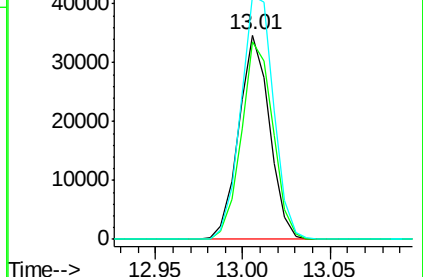
5/1/2018 7:45:29 PM



Abundance Ion 74.90 (74.60 to 75.60): VX001138.D (-2029) (-)

Ion 154.80 (154.50 to 155.50): VX001138.D (-2029) (-)

Ion 156.80 (156.50 to 157.50): VX001138.D (-2029) (-)



#93

1,2,4-Trichlorobenzene

Concen: 47.47 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

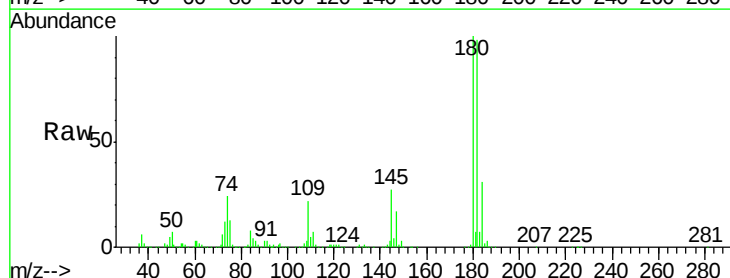
Tgt Ion: 180 Resp: 232771

Ion Ratio Lower Upper

180 100

182 96.0 47.9 143.6

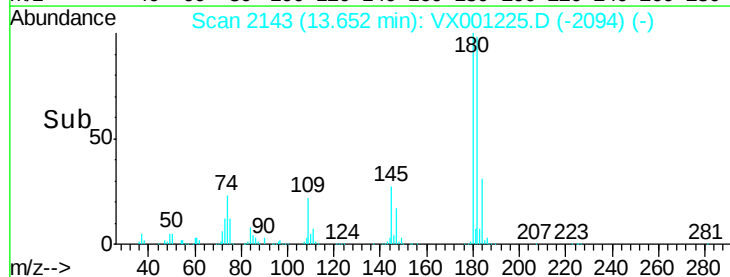
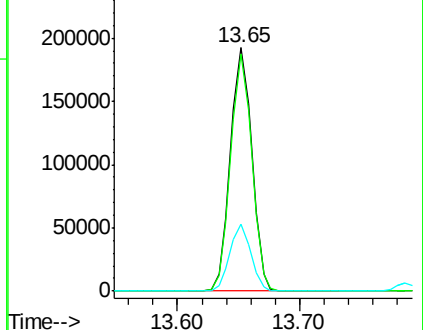
145 26.9 13.8 41.4

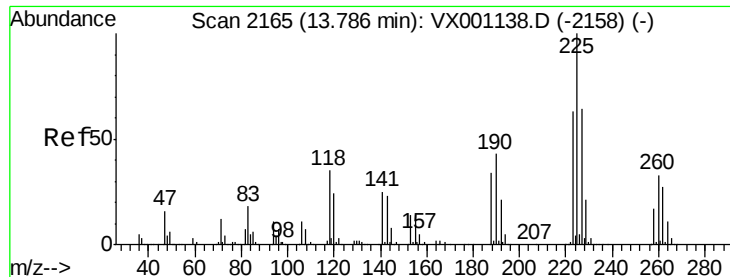


Abundance Ion 179.80 (179.50 to 180.50): VX001138.D (-2136) (-)

Ion 181.80 (181.50 to 182.50): VX001138.D (-2136) (-)

Ion 144.80 (144.50 to 145.50): VX001138.D (-2136) (-)





#94

Hexachlorobutadiene

Concen: 45.28 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Instrument :

MSVOA_X

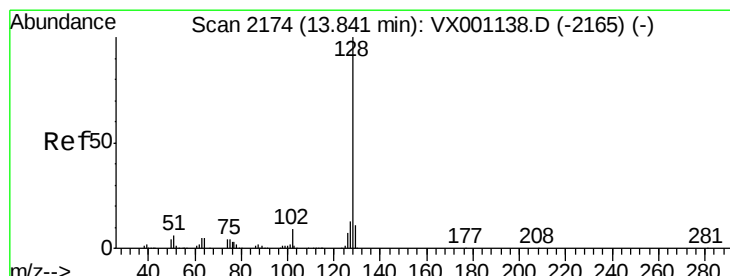
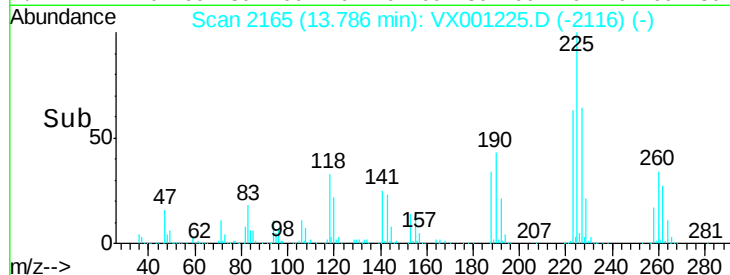
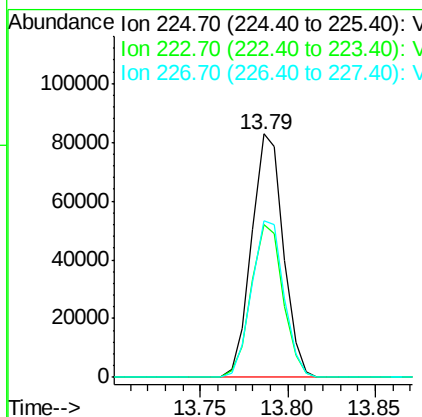
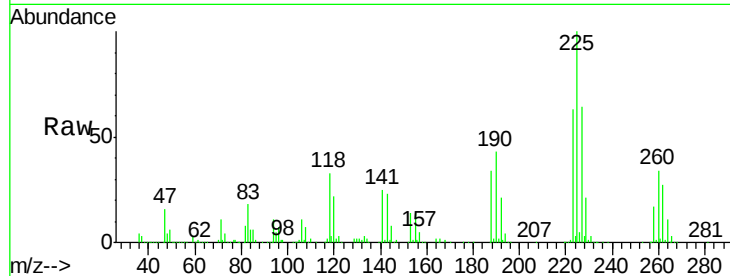
ClientSampleId :

WP022MW102-180423MS

Tot Ion:	225	Resp:	104375
Ion Ratio	Lower	Upper	
225	100		
223	63.3	31.3	93.9
227	65.4	32.2	96.6

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#95

Naphthalene

Concen: 46.67 ug/l

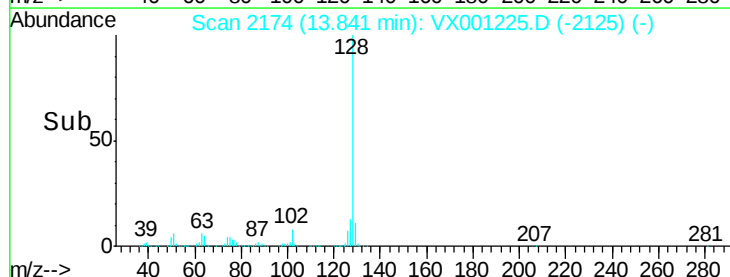
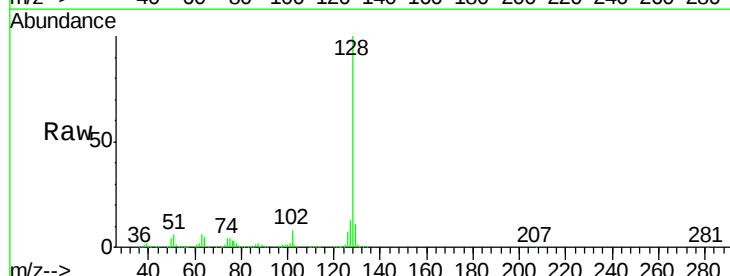
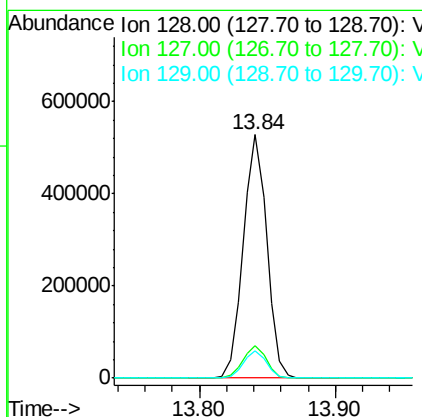
RT: 13.84 min Scan# 2174

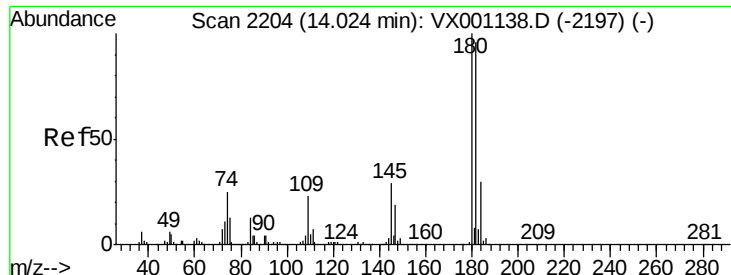
Delta R.T. -0.00 min

Lab File: VX001225.D

Acq: 28 Apr 2018 20:13

Tgt Ion:	128	Resp:	637637
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	15.8
129	11.1	8.8	13.2





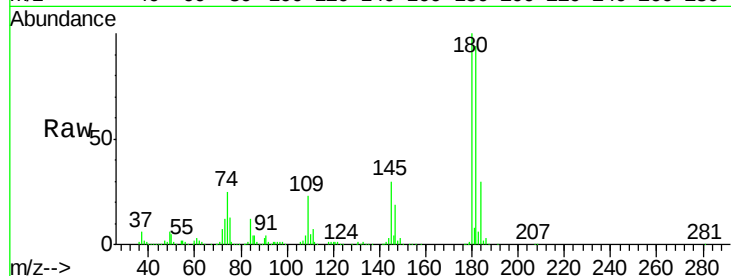
#96
 1,2,3-Trichlorobenzene
 Concen: 48.37 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX001225.D
 Acq: 28 Apr 2018 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW102-180423MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	236064		
182	95.9		48.2	144.6
145	29.0		14.5	43.5

Manual Integrations
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Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

