

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022018\
 Data File : VX000114.D
 Acq On : 20 Feb 2018 18:21
 Operator : JC/MD
 Sample : MDL01 2PPB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01 2PPB

Manual Integrations
 APPROVED

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 2/22/2018 4:04:49 PM

Quant Time: Feb 21 06:26:39 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X022018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 21 06:17:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	15792	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	94131	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	87546	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.08	65	37427	30.62	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.07%
60) 4-Bromofluorobenzene	11.15	95	42621	29.76	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.20%
63) Toluene-d8	8.73	98	116113	30.96	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.20%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	2150	2.19	ug/l	97
3) Chloromethane	1.32	50	2284	2.33	ug/l	94
4) Vinyl Chloride	1.40	62	2787	2.38	ug/l	90
5) Bromomethane	1.64	94	2643	2.45	ug/l	94
6) Chloroethane	1.73	64	1912	2.56	ug/l	99
7) Trichlorofluoromethane	1.93	101	4577	2.26	ug/l	96
8) Diethyl Ether	2.20	74	1670	2.36	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	2543	2.30	ug/l	98
10) 1,1-Dichloroethene	2.38	96	2438	2.31	ug/l	85
11) Methyl Iodide	2.51	142	1809	1.76	ug/l	94
12) Methyl Acetate	2.79	43	4253	2.26	ug/l	93
13) Acrolein	2.30	56	2636	11.62	ug/l	97
14) Acrylonitrile	3.16	53	8656	10.59	ug/l	98
15) Acetone	2.45	58	2717	10.20	ug/l	84
16) Carbon Disulfide	2.57	76	6959	2.31	ug/l	100
17) Allyl chloride	2.73	41	4127	2.29	ug/l	98
18) Methylene Chloride	2.87	84	2962	2.58	ug/l #	82
19) trans-1,2-Dichloroethene	3.17	96	2821	2.46	ug/l	95
20) Diisopropyl ether	3.89	45	5894	2.07	ug/l #	95
21) 1,1-Dichloroethane	3.70	63	3576	1.91	ug/l #	87
22) cis-1,2-Dichloroethene	4.60	96	2330	2.18	ug/l	95
23) tert-Butyl Alcohol	3.09	59	4465	9.56	ug/l #	100
24) Methyl tert-Butyl Ether	3.21	73	8151	2.24	ug/l	99
25) Chloroform	5.23	83	3933	2.12	ug/l	100
26) Cyclohexane	5.59	56	3252m	2.22	ug/l	
29) 1,1-Dichloropropene	5.80	75	3065m	2.24	ug/l	
30) 2-Butanone	4.73	43	10592	10.04	ug/l #	95
31) 2,2-Dichloropropane	4.59	77	3163m	2.15	ug/l	
32) 1,1,1-Trichloroethane	5.51	97	3638	2.19	ug/l #	89
33) Carbon Tetrachloride	5.79	117	3113m	2.11	ug/l	
34) Benzene	6.15	78	8346	2.12	ug/l #	91
35) Methacrylonitrile	5.08	41	2257m	2.32	ug/l	
36) 1,2-Dichloroethane	6.21	62	3365	2.25	ug/l #	95
37) Trichloroethene	7.22	130	2416	2.07	ug/l	94
38) Methylcyclohexane	7.47	83	3301	2.01	ug/l	95
39) 1,2-Dichloropropane	7.52	63	2143	2.18	ug/l	97
40) Dibromomethane	7.68	93	1638	2.16	ug/l	98

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Quant Time: Feb 21 06:26:39 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X022018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 21 06:17:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.91	83	2806	1.95	ug/l	95
42) Vinyl Acetate	3.84	43	23371	8.69	ug/l	99
43) Ethyl Acetate	4.88	43	3925	2.12	ug/l #	89
44) Isopropyl Acetate	6.48	43	5651	2.08	ug/l	96
45) 1,4-Dioxane	7.78	88	1281	37.46	ug/l	97
46) Methyl methacrylate	7.79	41	2741	2.07	ug/l	93
47) n-amyl Acetate	10.91	43	4495	1.89	ug/l	97
48) t-1,3-Dichloropropene	8.45	75	3260	1.94	ug/l #	87
49) cis-1,3-Dichloropropene	9.06	75	3139	1.92	ug/l	92
50) 1,1,2-Trichloroethane	9.23	97	2248	2.02	ug/l #	85
51) Ethyl methacrylate	9.19	69	3097	1.81	ug/l	92
52) 1,3-Dichloropropane	9.38	76	3713	2.08	ug/l	93
53) Dibromochloromethane	9.59	129	2204	1.78	ug/l	90
54) 1,2-Dibromoethane	9.68	107	2374	1.91	ug/l	92
55) 2-Chloroethyl vinyl ether	8.32	63	8404	11.28	ug/l	96
56) Bromoform	10.87	173	1511	1.51	ug/l #	95
58) 4-Methyl-2-Pentanone	8.66	43	18991	9.90	ug/l	99
59) 2-Hexanone	9.51	43	15365	9.46	ug/l	98
61) Tetrachloroethene	9.34	164	2264	2.13	ug/l	91
62) Toluene	8.79	91	9749	2.14	ug/l	97
64) Chlorobenzene	10.15	112	6870	2.23	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.23	131	2179	2.00	ug/l	96
66) Ethyl Benzene	10.26	91	11137	2.14	ug/l	96
67) m/p-Xylenes	10.37	106	8125	3.99	ug/l	100
68) o-Xylene	10.71	106	4224	2.13	ug/l	98
69) Styrene	10.72	104	6476	1.97	ug/l	99
70) Isopropylbenzene	11.02	105	10688	2.00	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.28	83	3668	1.99	ug/l	97
72) 1,2,3-Trichloropropane	11.30	75	3286m	1.99	ug/l	
73) Bromobenzene	11.27	156	3014	2.15	ug/l	96
74) n-propylbenzene	11.37	91	13003	2.07	ug/l	96
75) 2-Chlorotoluene	11.43	91	7409	2.05	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	9031	1.99	ug/l	67
77) t-1,4-Dichloro-2-butene	11.09	75	1011	1.73	ug/l	90
78) 4-Chlorotoluene	11.52	91	8781	2.03	ug/l	99
79) tert-butylbenzene	11.78	119	8786m	1.95	ug/l	
80) 1,2,4-Trimethylbenzene	11.82	105	9032	1.95	ug/l	93
81) sec-Butylbenzene	11.96	105	11378	2.04	ug/l	96
82) p-Isopropyltoluene	12.07	119	9705	1.95	ug/l	98
83) 1,3-Dichlorobenzene	12.04	146	5243	1.96	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	5622	2.02	ug/l	99
85) n-Butylbenzene	12.40	91	9067	1.94	ug/l	98
86) Hexachloroethane	12.60	117	1417	1.70	ug/l	91
87) 1,2-Dichlorobenzene	12.40	146	5228	1.97	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.01	75	1067	2.07	ug/l #	74
89) 1,2,4-Trichlorobenzene	13.66	180	3950	2.03	ug/l	98
90) Hexachlorobutadiene	13.79	225	1578	1.88	ug/l	98
91) Naphthalene	13.84	128	12799	1.88	ug/l	100
92) 1,2,3-Trichlorobenzene	14.03	180	3490	1.79	ug/l	94

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ClientSampleId :
MDL01 2PPB

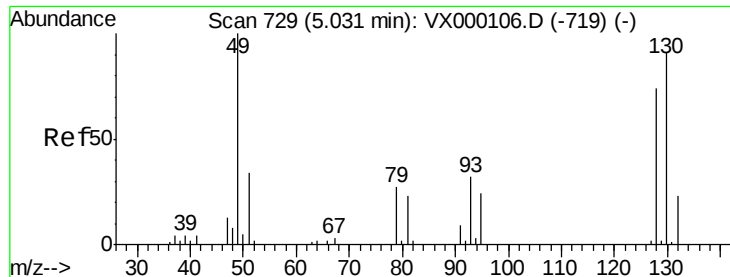
Manual Integrations
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Quant Time: Feb 21 06:26:39 2018
Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X022018W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 729

Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Instrument :

MSVOA_X

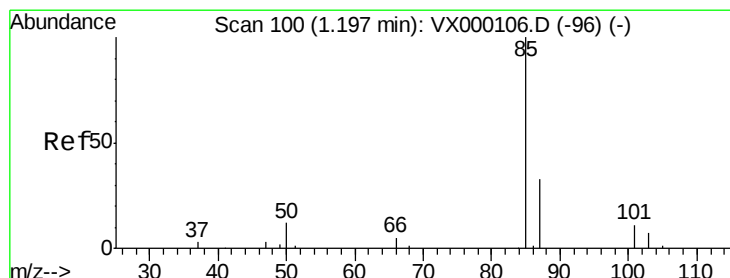
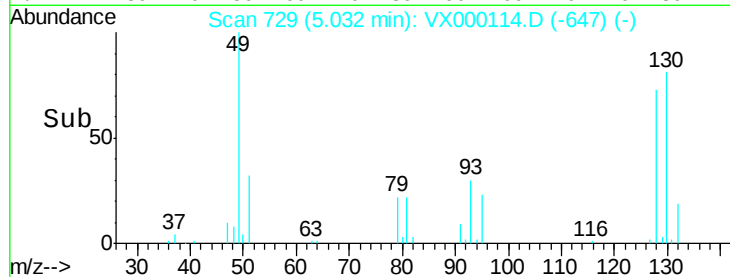
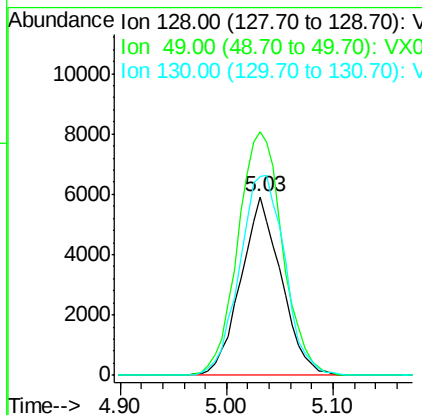
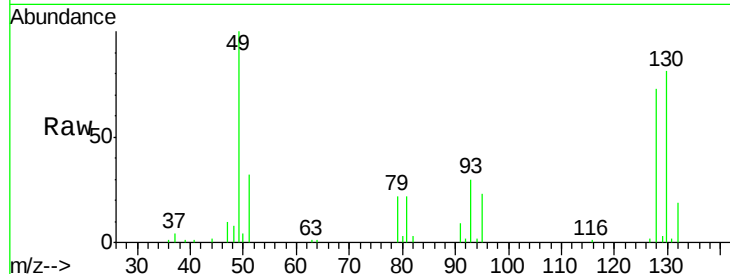
ClientSampled :

MDL01 2PPB

Tot Ion:	128	Resp:	15792
Ion	Ratio	Lower	Upper
128	100		
49	150.8	0.0	378.3
130	125.4	0.0	324.3

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#2

Dichlorodifluoromethane

Concen: 2.19 ug/l

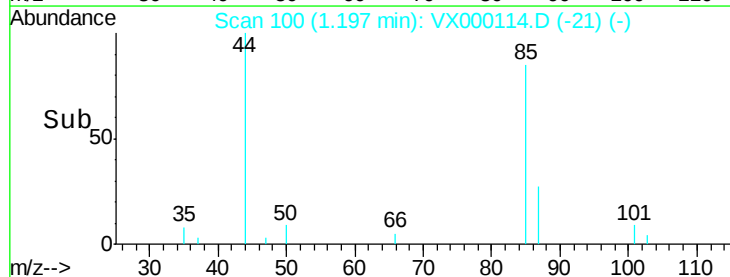
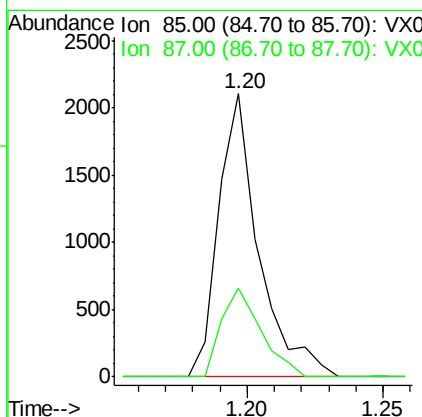
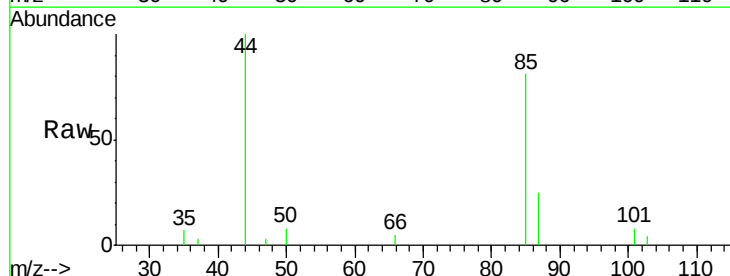
RT: 1.20 min Scan# 100

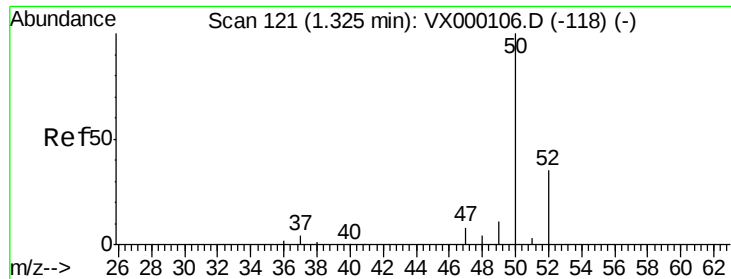
Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Tgt Ion:	85	Resp:	2150
Ion	Ratio	Lower	Upper
85	100		
87	31.4	16.6	49.7





#3

Chloromethane

Concen: 2.33 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Instrument :

MSVOA_X

ClientSampled :

MDL01 2PPB

Tot Ion: 50 Resp: 2284

Ion Ratio Lower Upper

50 100

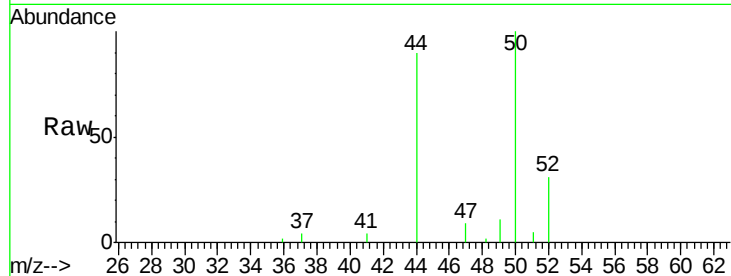
52 31.2 27.8 41.6

Manual Integrations

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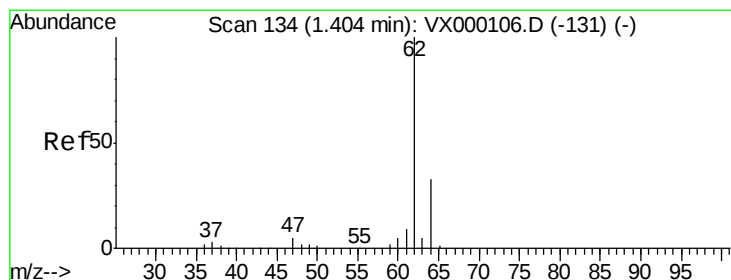
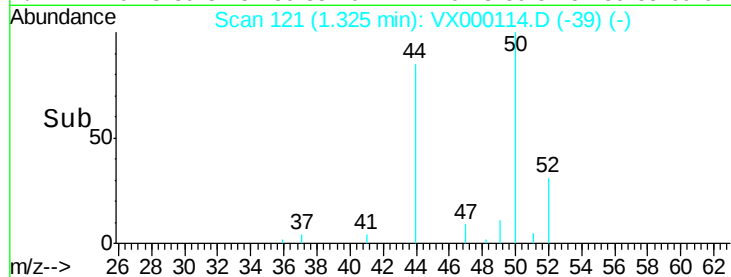
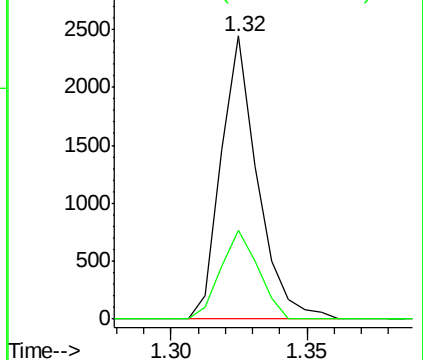
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Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 2.38 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX000114.D

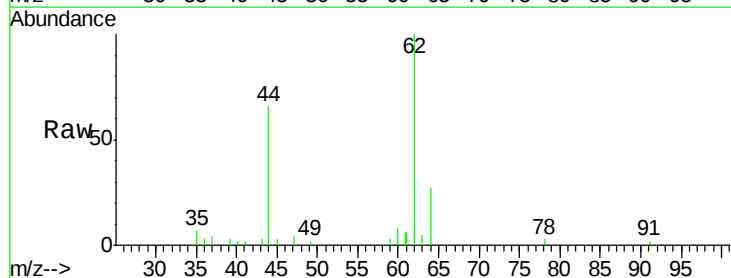
Acq: 20 Feb 2018 18:21

Tgt Ion: 62 Resp: 2787

Ion Ratio Lower Upper

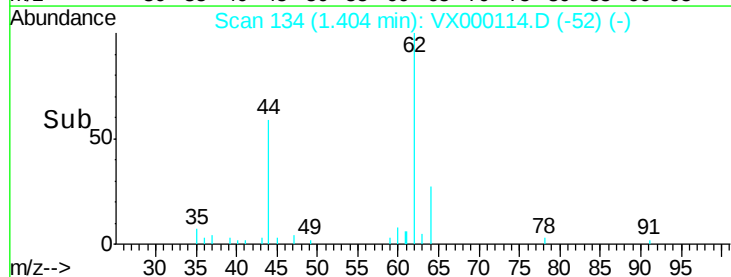
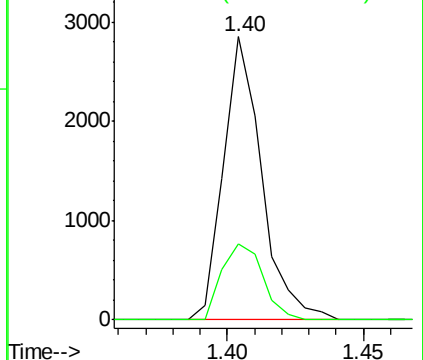
62 100

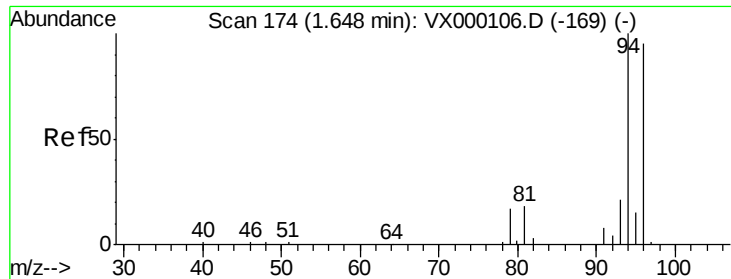
64 26.9 26.0 39.0



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 2.45 ug/l

RT: 1.64 min Scan# 173

Delta R.T. -0.01 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Instrument :

MSVOA_X

ClientSampled :

MDL01 2PPB

Tot Ion: 94 Resp: 2643

Ion Ratio Lower Upper

94 100

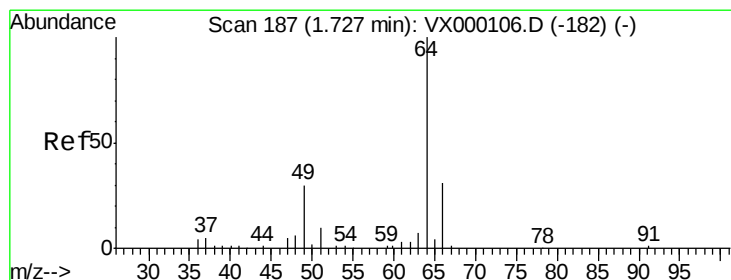
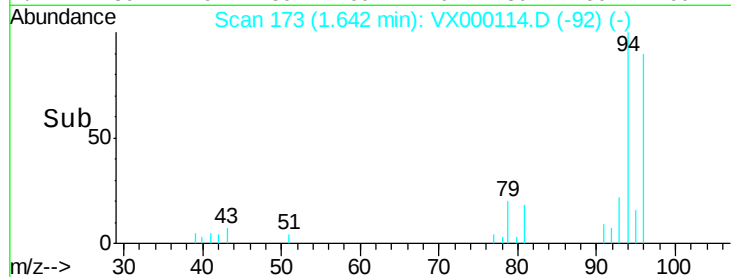
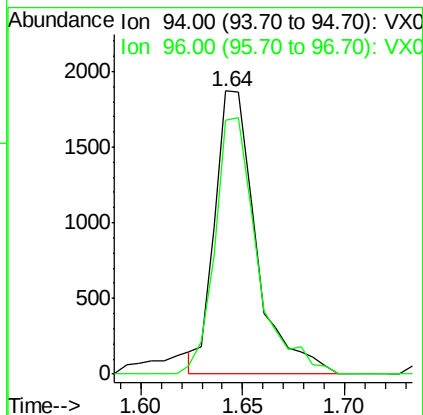
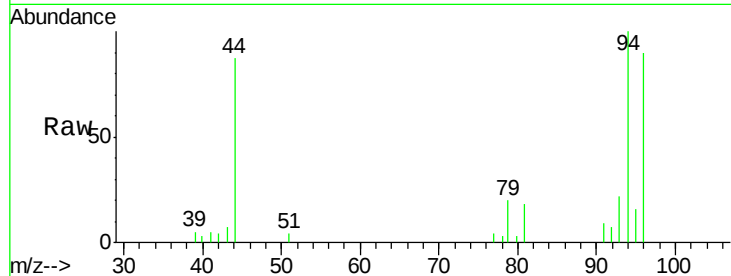
96 89.6 76.2 114.2

Manual Integrations

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#6

Chloroethane

Concen: 2.56 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000114.D

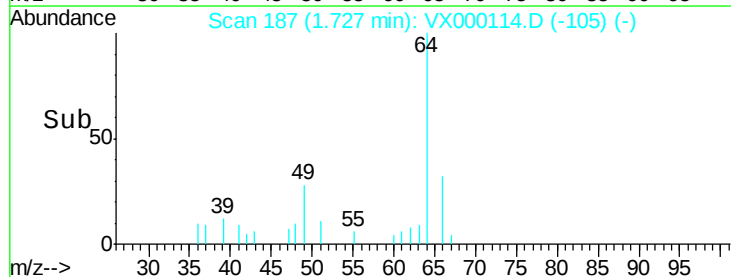
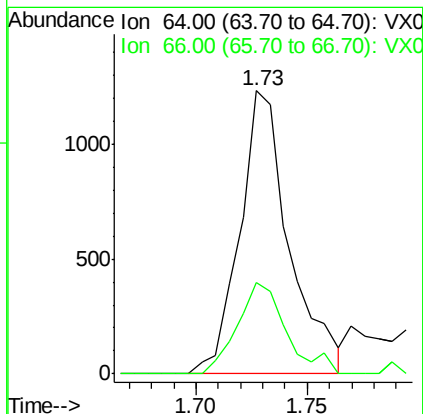
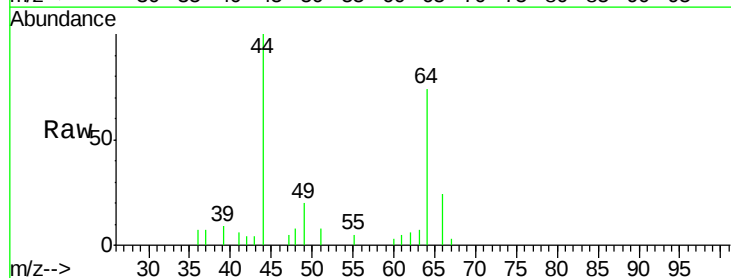
Acq: 20 Feb 2018 18:21

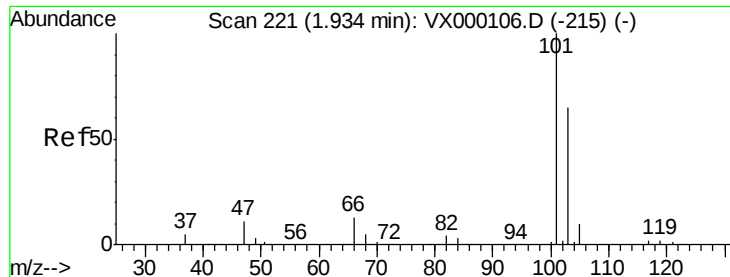
Tgt Ion: 64 Resp: 1912

Ion Ratio Lower Upper

64 100

66 32.1 25.2 37.8





#7

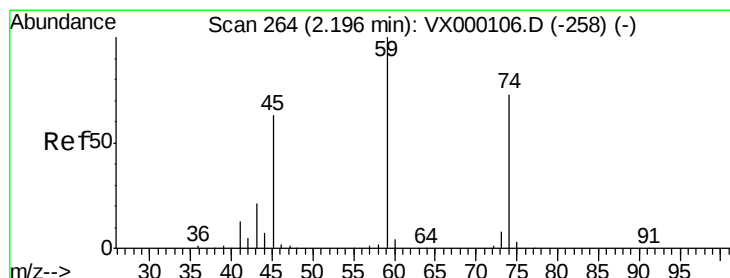
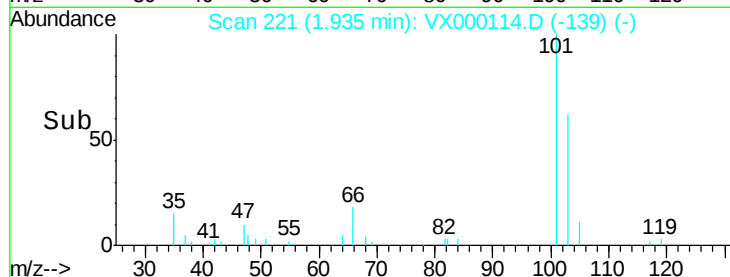
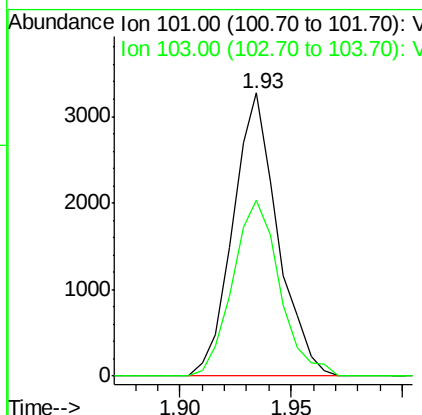
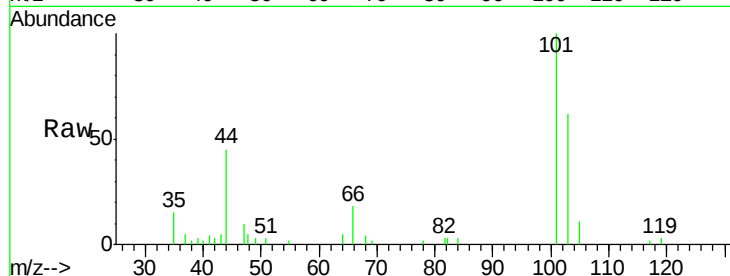
Trichlorofluoromethane
Concen: 2.26 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Instrument :
MSVOA_X
ClientSampleId :
MDL01 2PPB

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.0	52.2	78.4

Manual Integrations
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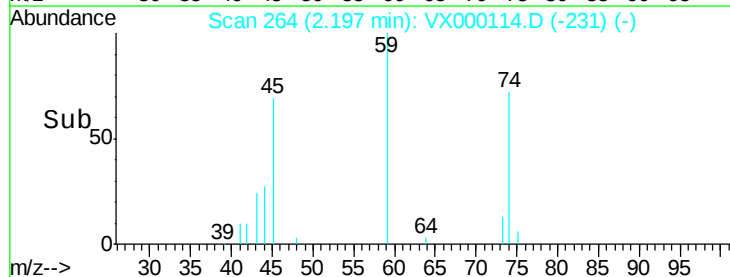
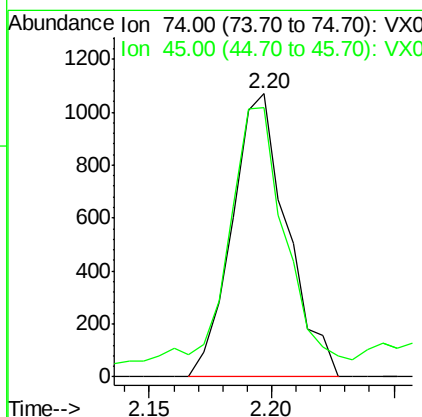
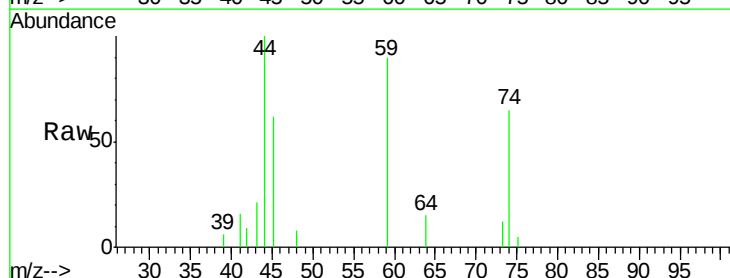
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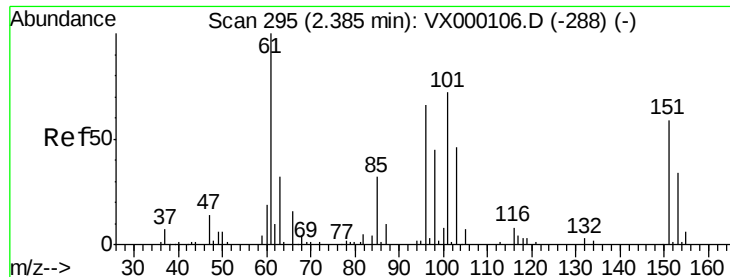


#8

Diethyl Ether
Concen: 2.36 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	84.0	17.8	159.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.30 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Instrument :

MSVOA_X

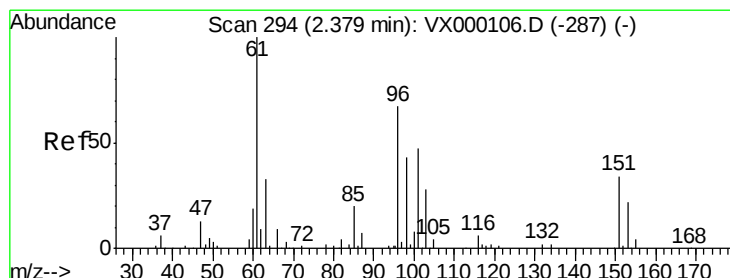
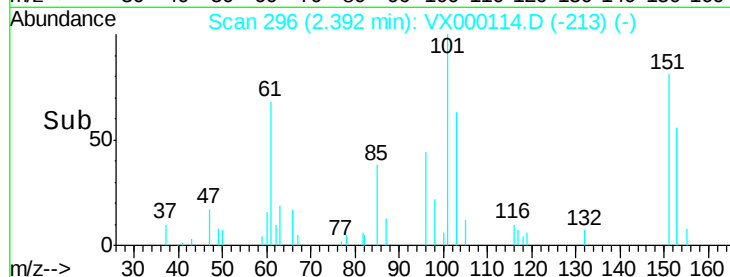
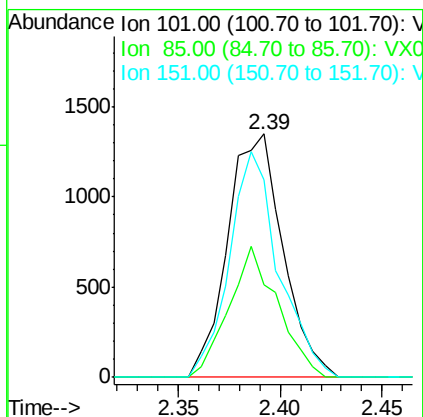
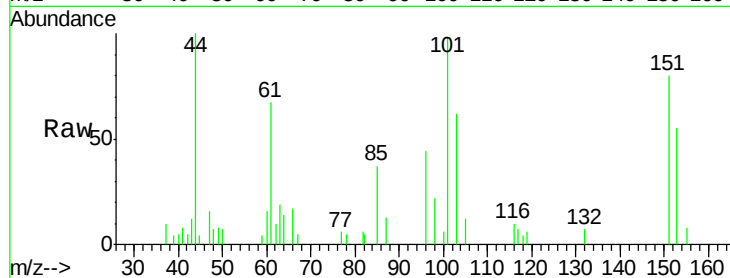
ClientSampled :

MDL01 2PPB

Tot Ion	Ratio	Lower	Upper
101	100		
85	47.2	0.0	90.4
151	82.7	0.0	167.6

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 2.31 ug/l

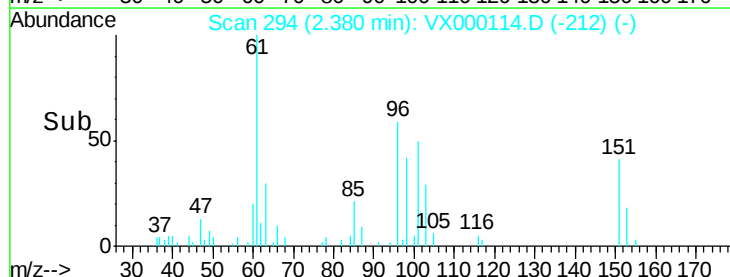
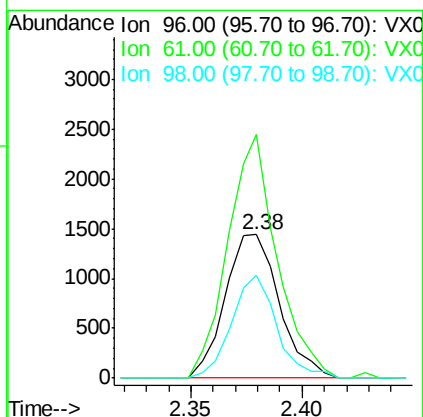
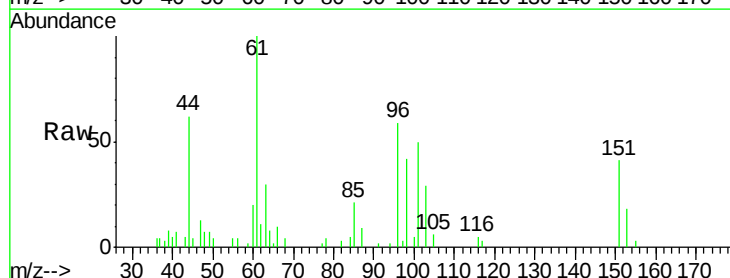
RT: 2.38 min Scan# 294

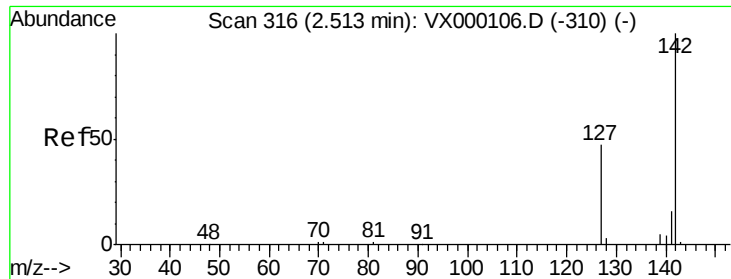
Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.0	118.6	178.0
98	72.1	51.0	76.6





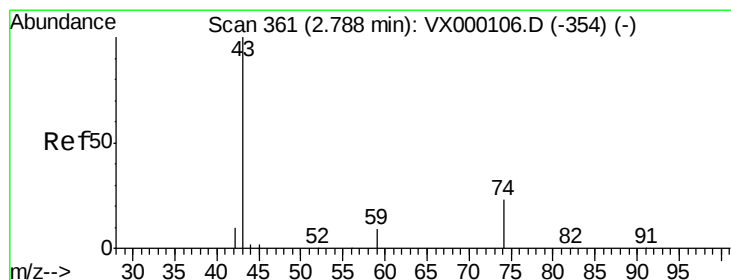
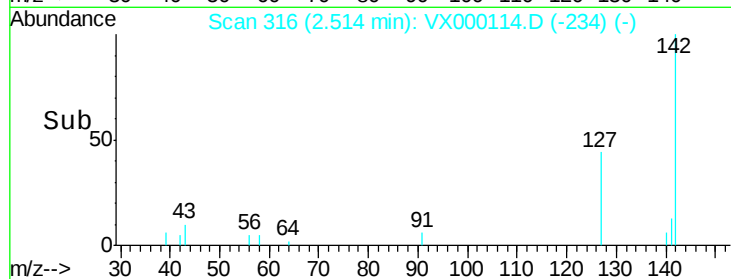
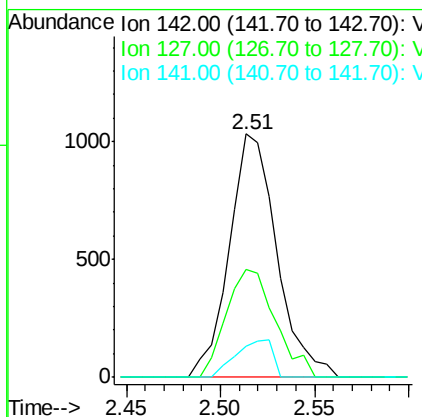
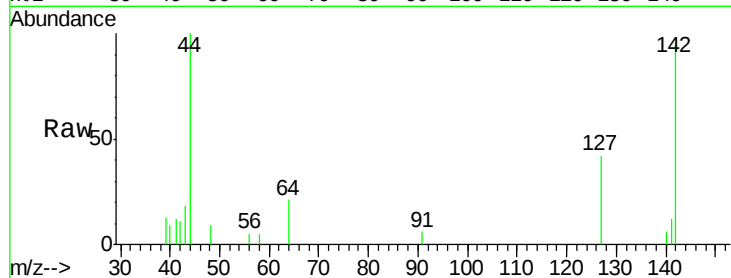
#11
Methyl Iodide
Concen: 1.76 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Instrument :
MSVOA_X
ClientSampled :
MDL01 2PPB

Tot Ion	Ratio	Lower	Upper
142	100		
127	44.4	23.8	71.5
141	13.0	8.2	24.4

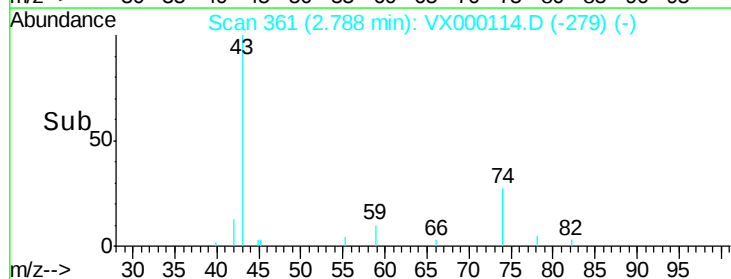
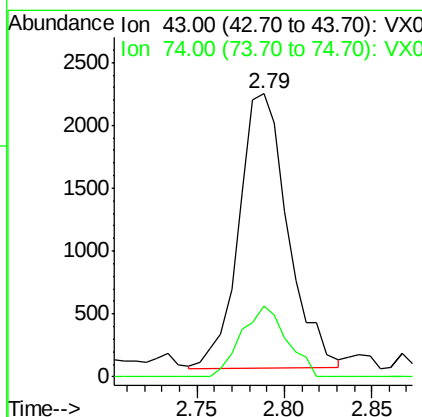
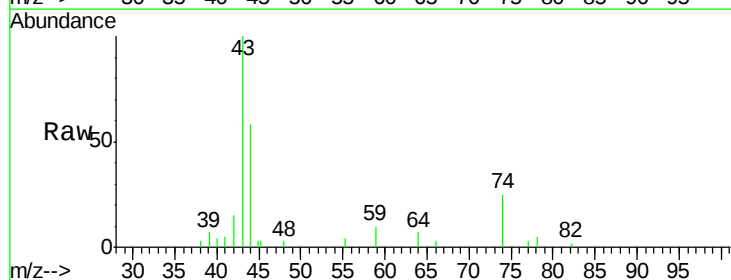
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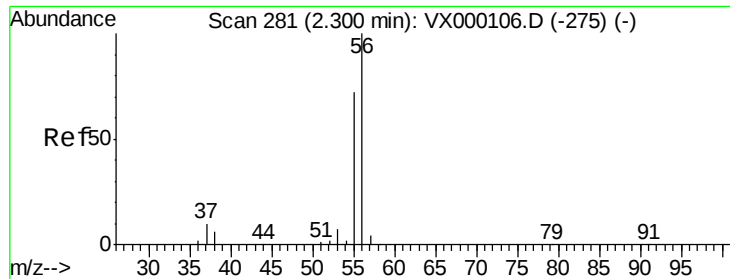
apatel
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#12
Methyl Acetate
Concen: 2.26 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.5	18.6	27.8





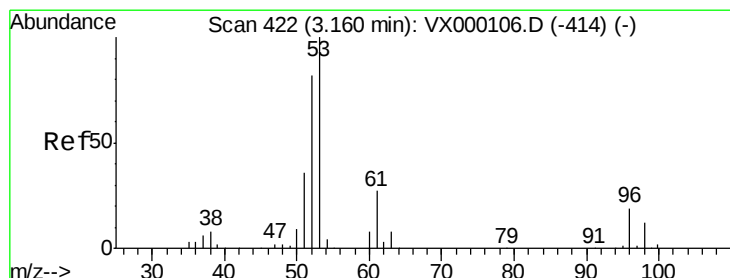
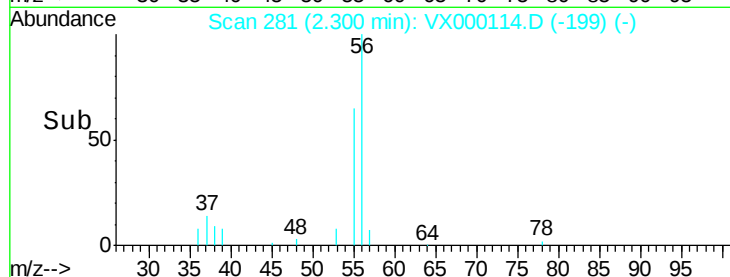
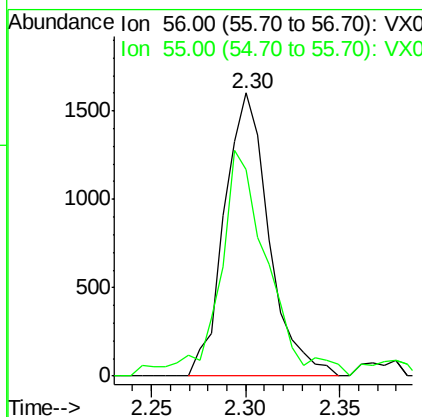
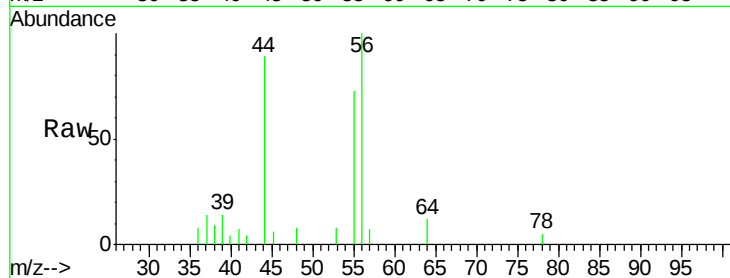
#13
Acrolein
Concen: 11.62 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Instrument :
MSVOA_X
ClientSampleId :
MDL01 2PPB

Tot Ion	Ratio	Lower	Upper
56	100		
55	74.5	57.3	85.9

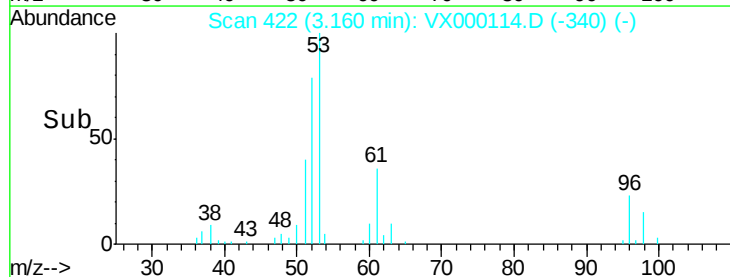
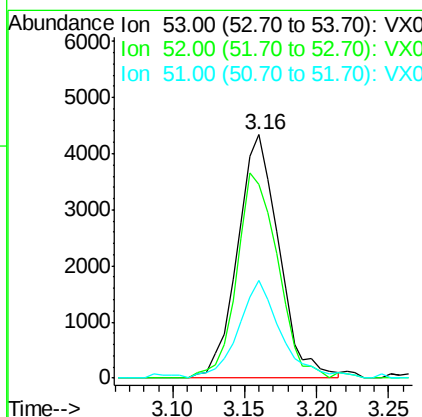
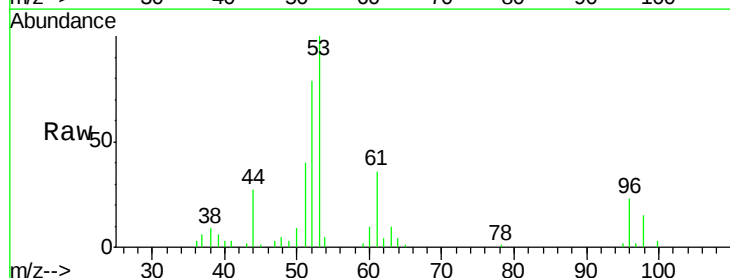
Manual Integrations
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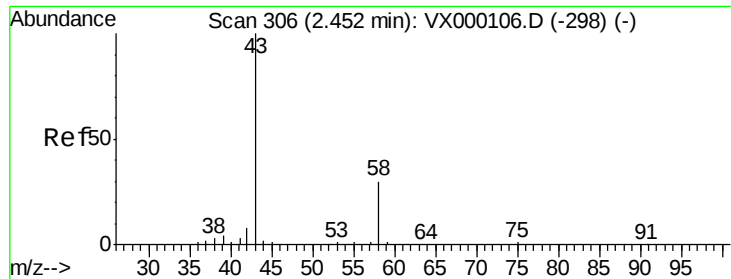
apatel
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#14
Acrylonitrile
Concen: 10.59 ug/l
RT: 3.16 min Scan# 422
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.0	41.9	125.8
51	40.1	18.8	56.3





#15

Acetone

Concen: 10.20 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Instrument :

MSVOA_X

ClientSampled :

MDL01 2PPB

Tot Ion: 58 Resp: 2717

Ion Ratio Lower Upper

58 100

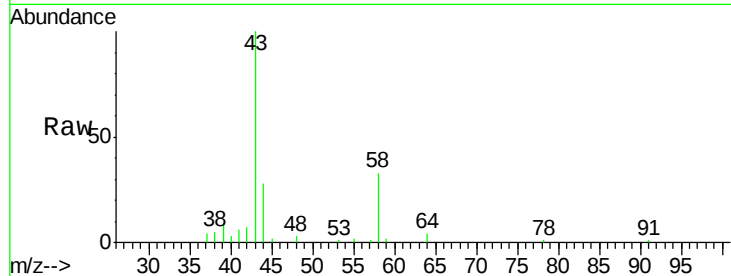
43 296.3 264.6 396.8

Manual Integrations

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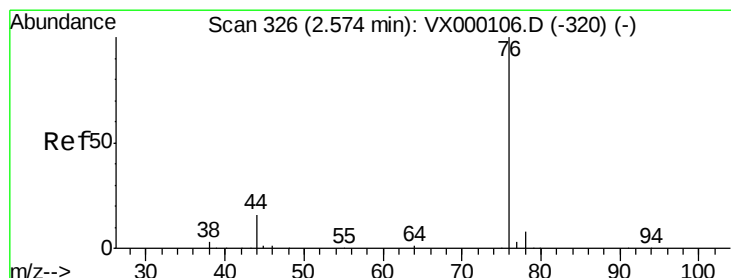
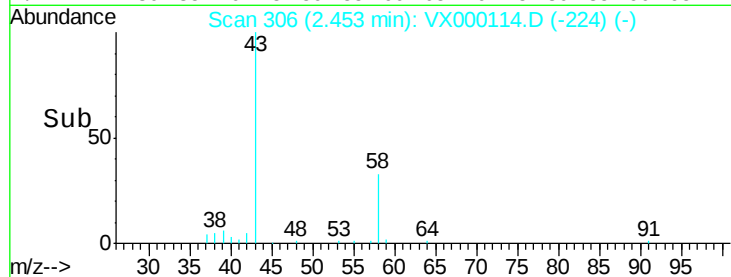
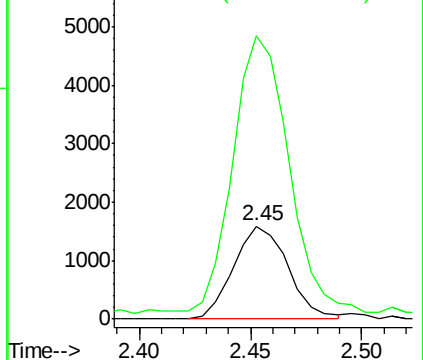
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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 2.31 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000114.D

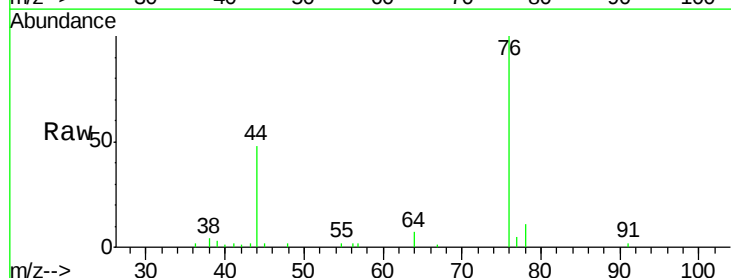
Acq: 20 Feb 2018 18:21

Tgt Ion: 76 Resp: 6959

Ion Ratio Lower Upper

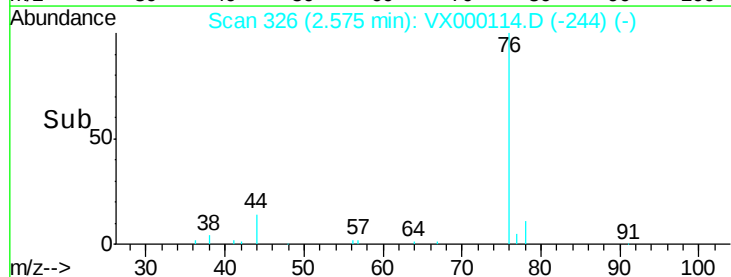
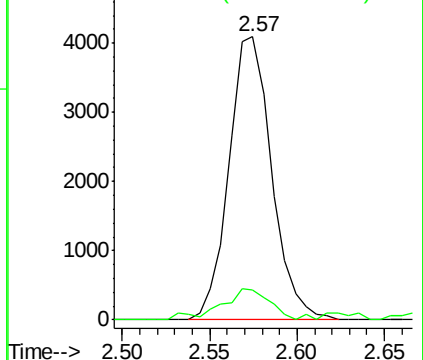
76 100

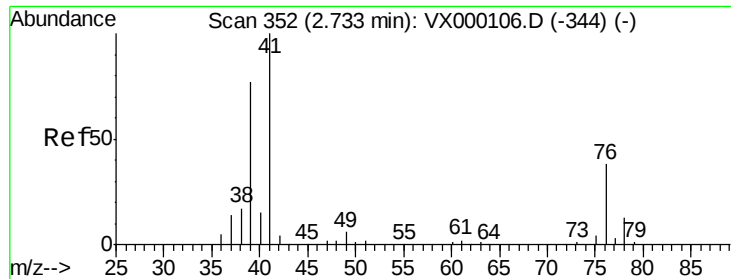
78 8.5 6.8 10.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#17

Allvl chloride

Concen: 2.29 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Instrument :

MSVOA_X

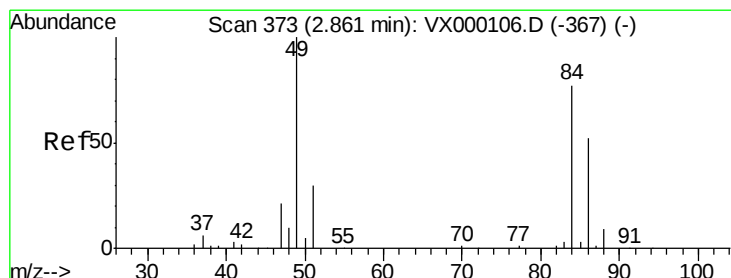
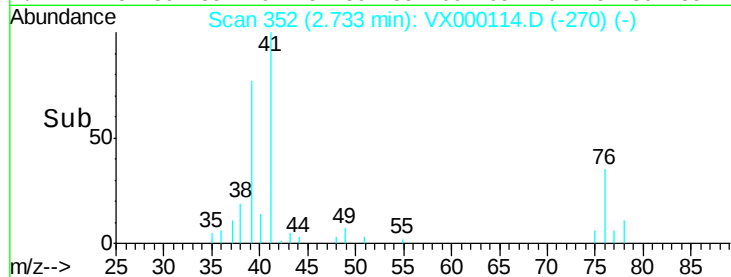
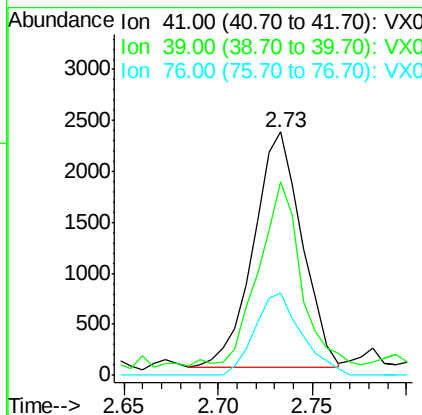
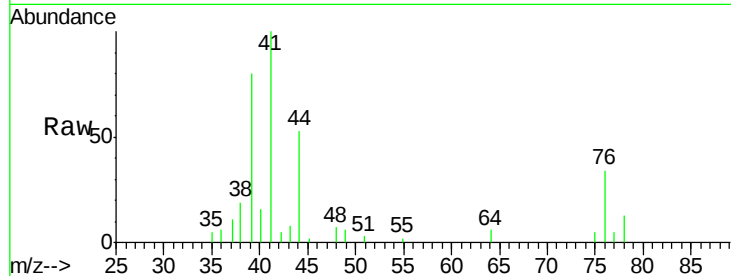
ClientSampleId :

MDL01 2PPB

Tot Ion:	41	Resp:	4127
Ion	Ratio	Lower	Upper
41	100		
39	78.0	38.5	115.5
76	35.0	18.7	56.1

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#18

Methylene Chloride

Concen: 2.58 ug/l

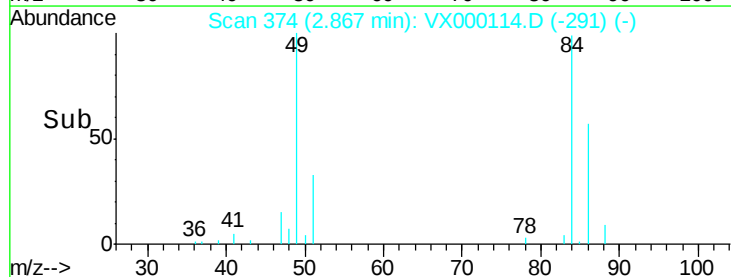
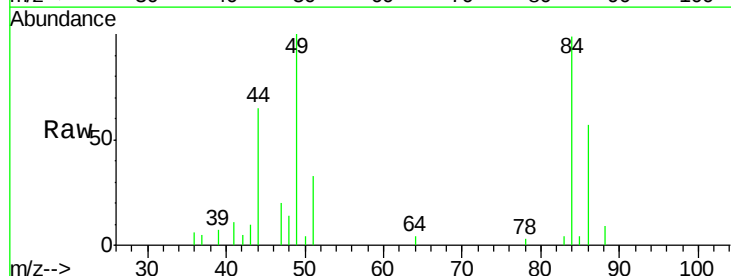
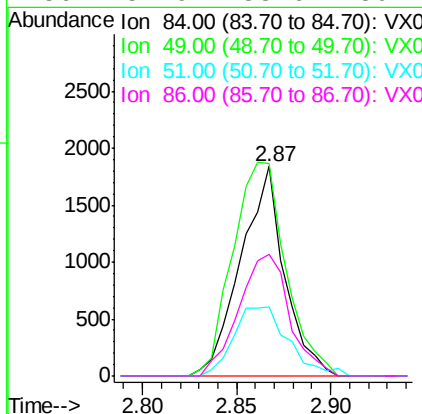
RT: 2.87 min Scan# 374

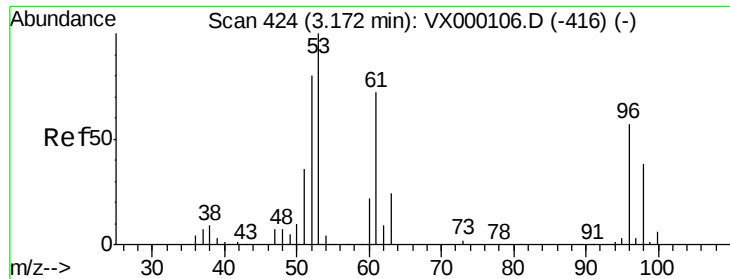
Delta R.T. 0.01 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Tgt Ion:	84	Resp:	2962
Ion	Ratio	Lower	Upper
84	100		
49	101.4	103.3	154.9#
51	33.1	31.2	46.8
86	57.9	53.6	80.4





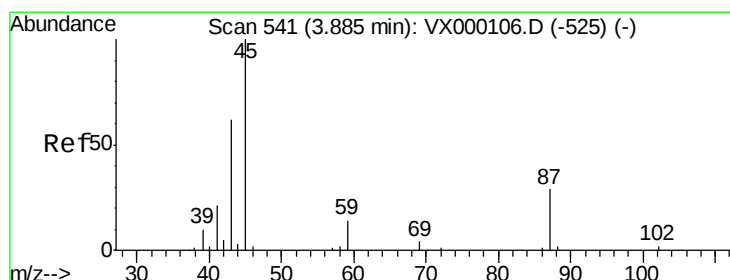
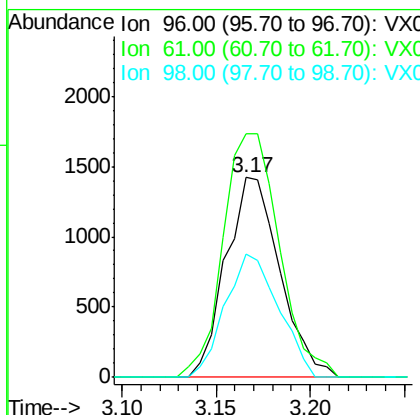
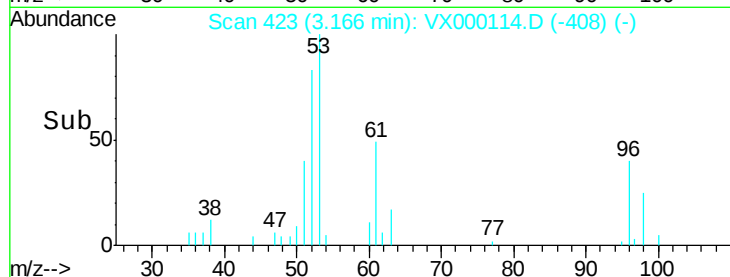
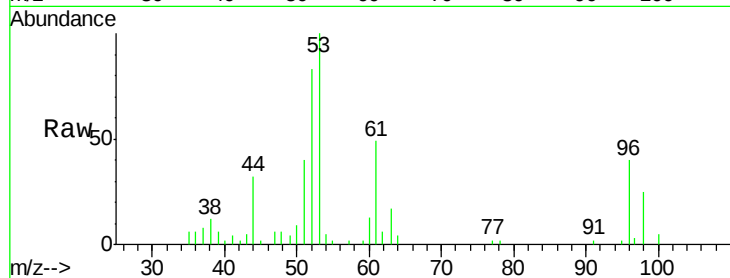
#19
trans-1,2-Dichloroethene
Concen: 2.46 ug/l
RT: 3.17 min Scan# 423
Delta R.T. -0.01 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Instrument :
MSVOA_X
ClientSampleId :
MDL01 2PPB

Tot Ion	Ratio	Lower	Upper
96	100		
61	121.8	101.0	151.6
98	61.7	53.3	79.9

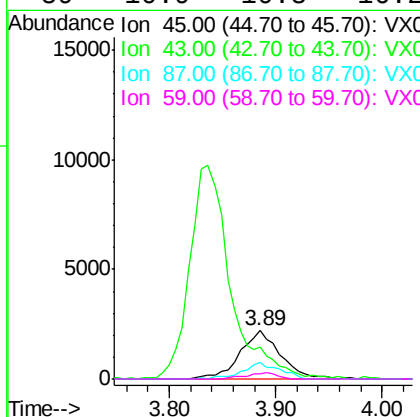
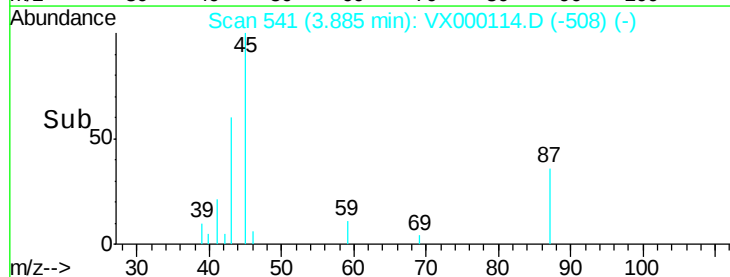
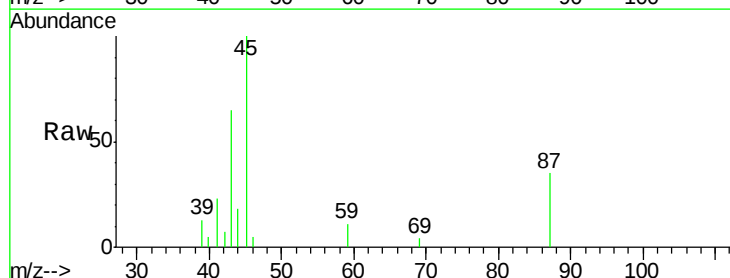
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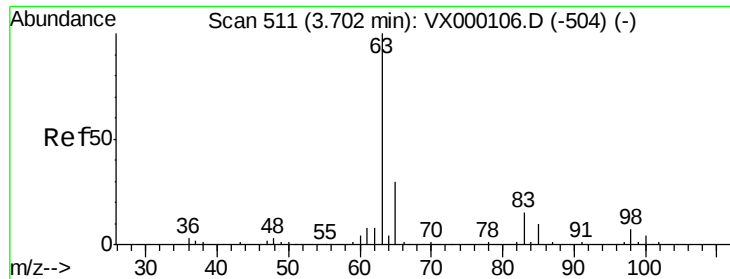
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#20
Diisopropyl ether
Concen: 2.07 ug/l
RT: 3.89 min Scan# 541
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Tgt Ion	Ratio	Lower	Upper
45	100		
43	60.9	49.6	74.4
87	34.9	23.1	34.7
59	10.9	10.8	16.2





#21

1,1-Dichloroethane

Concen: 1.91 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Instrument :

MSVOA_X

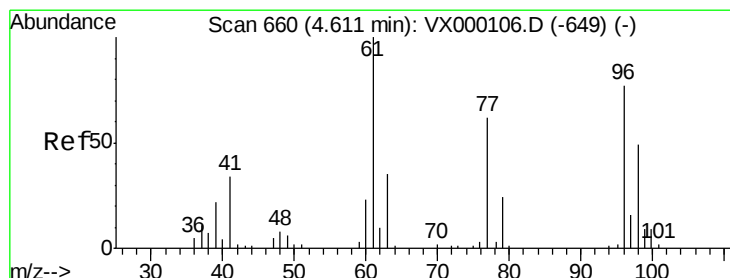
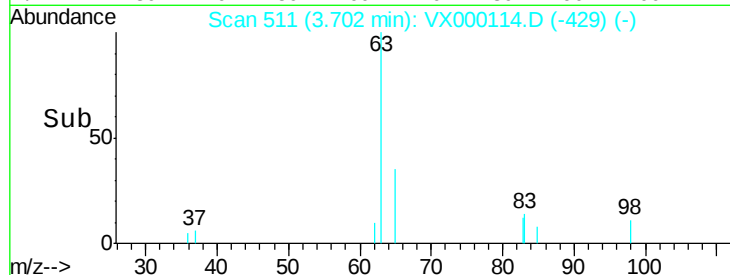
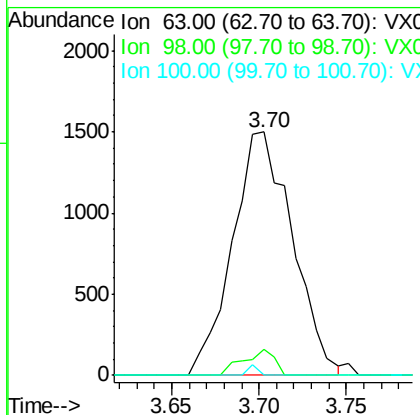
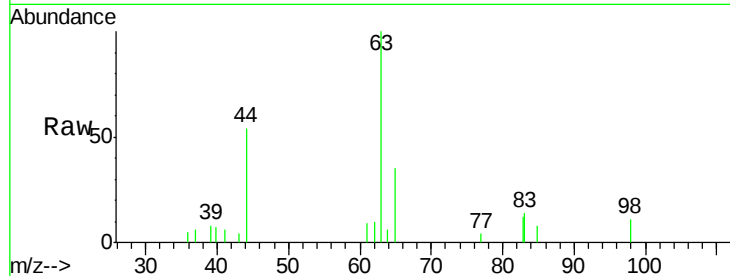
ClientSampled :

MDL01 2PPB

Tot Ion:	63	Resp:	3576
Ion	Ratio	Lower	Upper
63	100		
98	10.9	3.3	9.9#
100	0.0	2.1	6.5#

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#22

cis-1,2-Dichloroethene

Concen: 2.18 ug/l

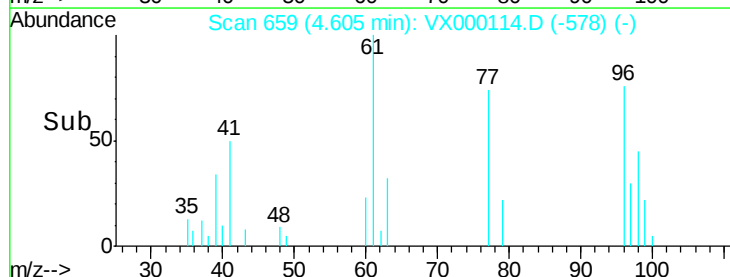
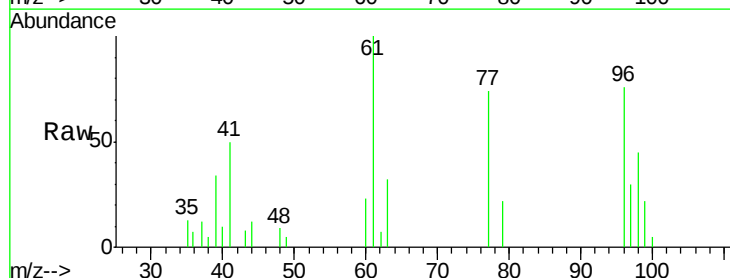
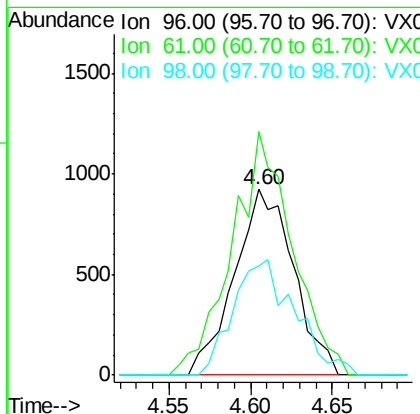
RT: 4.60 min Scan# 659

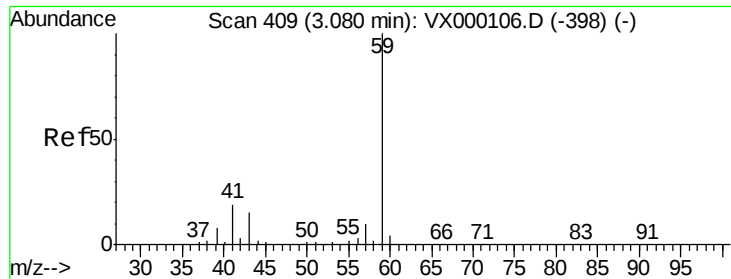
Delta R.T. -0.01 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Tgt Ion:	96	Resp:	2330
Ion	Ratio	Lower	Upper
96	100		
61	133.9	113.5	170.3
98	63.1	51.8	77.8





#23

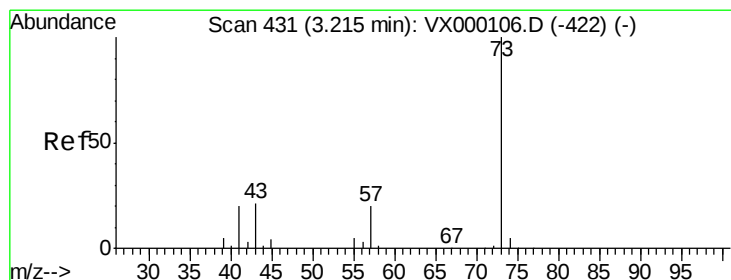
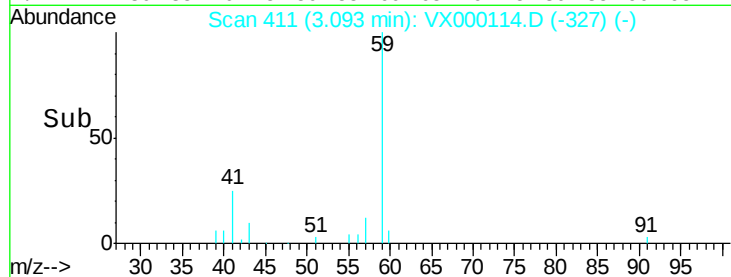
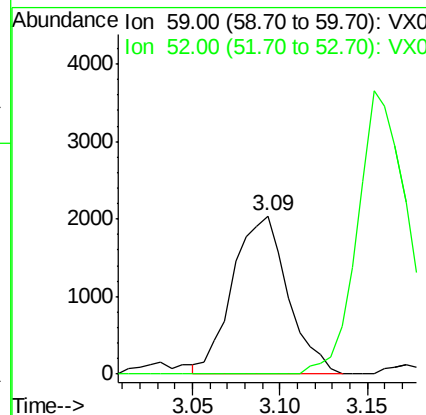
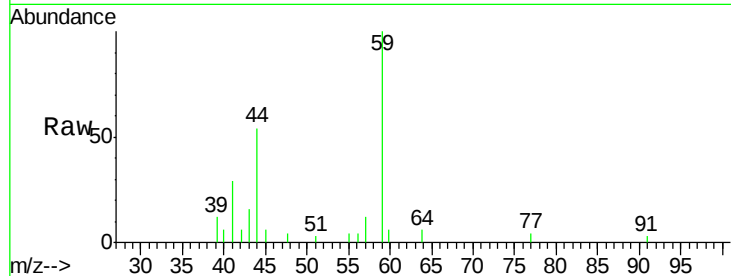
tert-Butyl Alcohol
 Concen: 9.56 ug/l
 RT: 3.09 min Scan# 411
 Delta R.T. 0.01 min
 Lab File: VX000114.D
 Acq: 20 Feb 2018 18:21

Instrument :
 MSVOA_X
 ClientSampled :
 MDL01 2PPB

Tot Ion	59	52	Ratio	100	0.0	Resp	4465	Lower	Upper
	59	52	100	0.0	0.1	0.1#			

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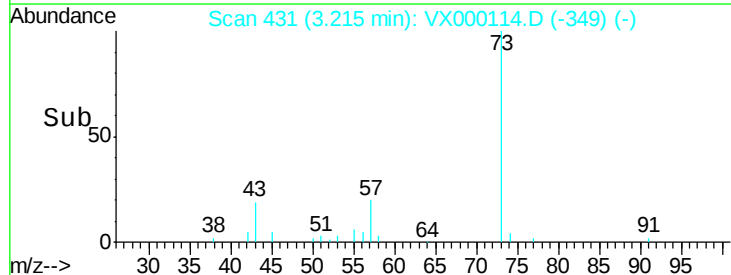
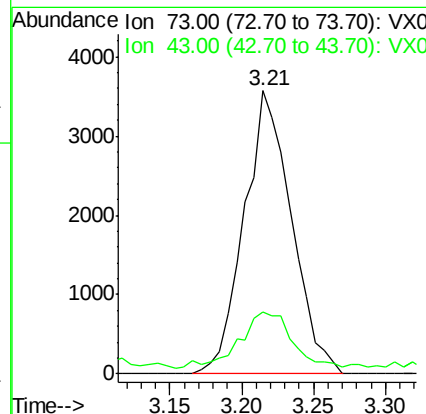
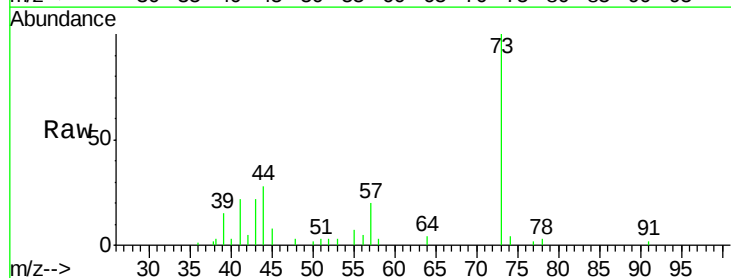
apatel
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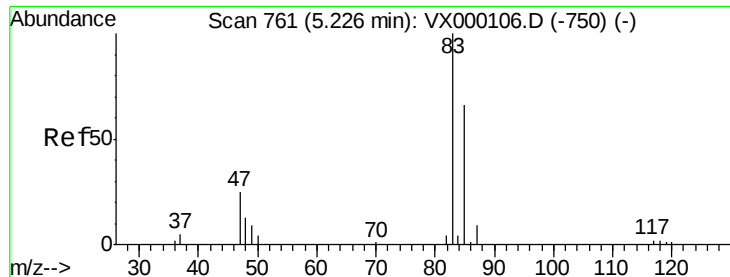


#24

Methyl tert-Butyl Ether
 Concen: 2.24 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: VX000114.D
 Acq: 20 Feb 2018 18:21

Tgt Ion	73	43	Ratio	100	20.2	Resp	8151	Lower	Upper
	73	43	100	20.2	16.5	24.7			





#25

Chloroform

Concen: 2.12 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Instrument :

MSVOA_X

ClientSampled :

MDL01 2PPB

Tot Ion: 83 Resp: 3933

Ion Ratio Lower Upper

83 100

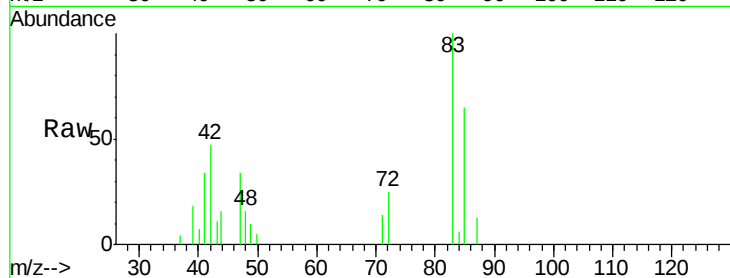
85 65.5 52.5 78.7

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Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

5.23

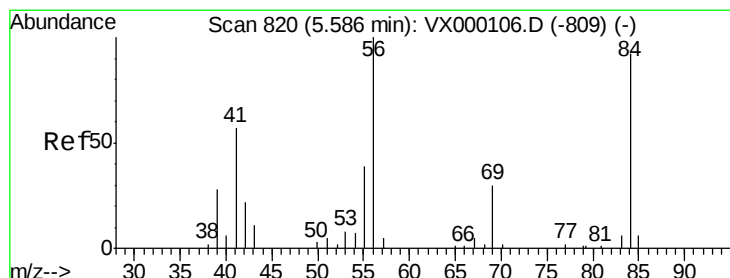
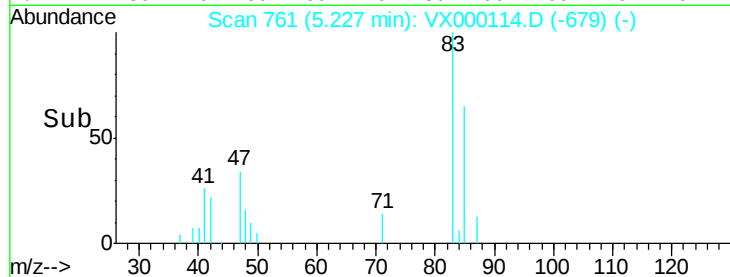
1500

1000

500

0

Time-->



#26

Cyclohexane

Concen: 2.22 ug/l m

RT: 5.59 min Scan# 821

Delta R.T. 0.01 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

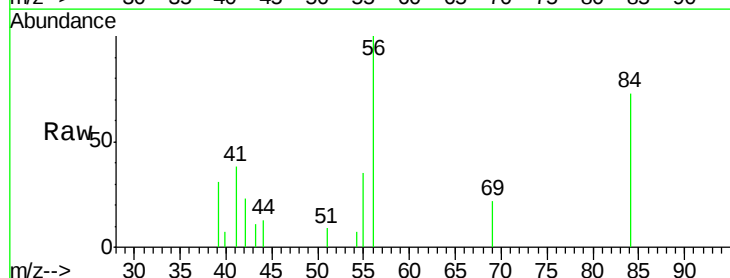
Tgt Ion: 56 Resp: 3252

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 85.4 74.8 112.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

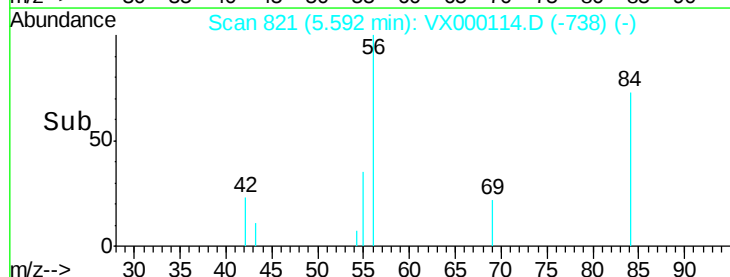
1500

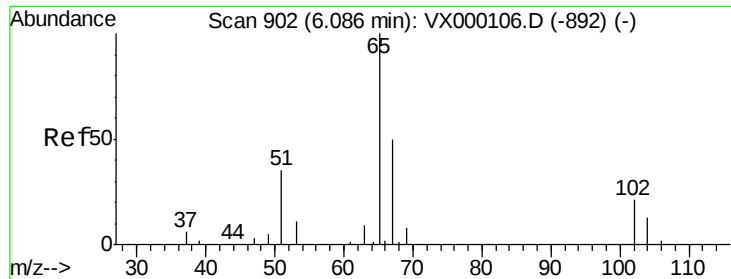
1000

500

0

Time-->





#27

1,2-Dichloroethane-d4

Concen: 30.62 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.01 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Tot Ion: 65 Resp: 37427

Ion Ratio Lower Upper

65 100

67 52.6 41.4 62.2

Instrument :

MSVOA_X

ClientSampleId :

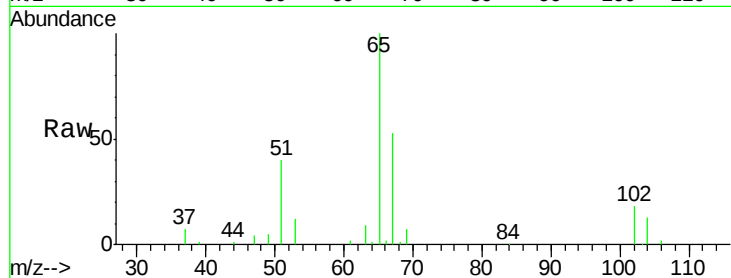
MDL01 2PPB

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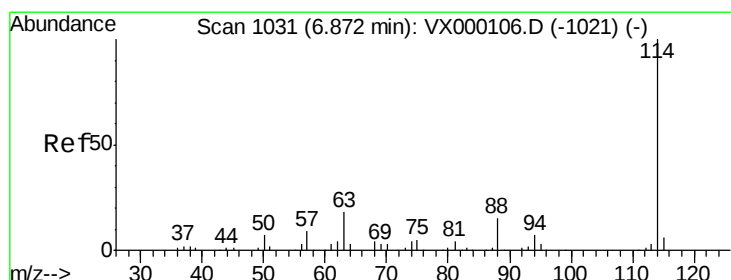
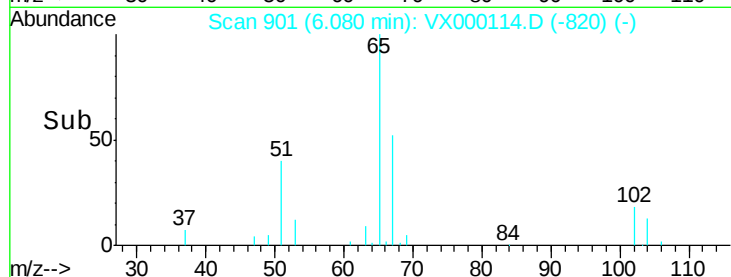
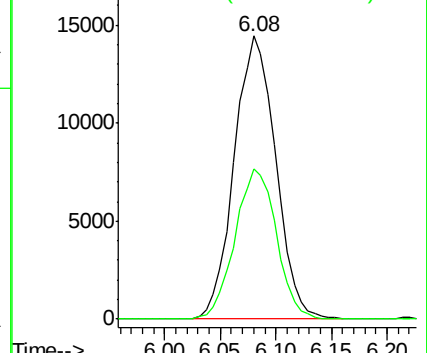
apatel

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Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

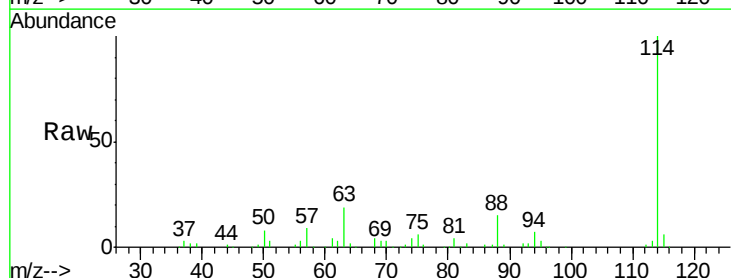
Tgt Ion: 114 Resp: 94131

Ion Ratio Lower Upper

114 100

63 19.3 15.0 22.4

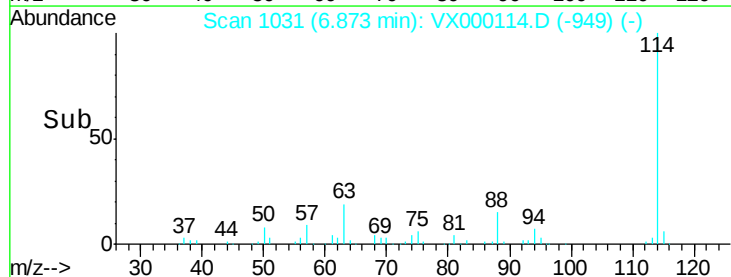
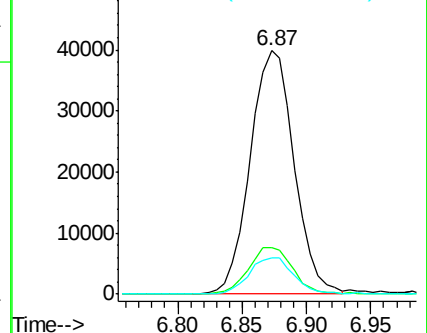
88 15.2 11.8 17.8

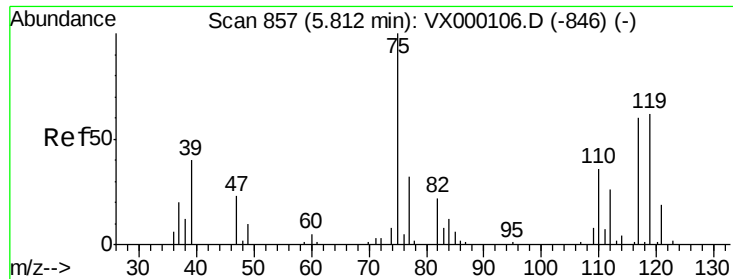


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 2.24 ug/l m

RT: 5.80 min Scan# 855

Delta R.T. -0.01 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Instrument :

MSVOA_X

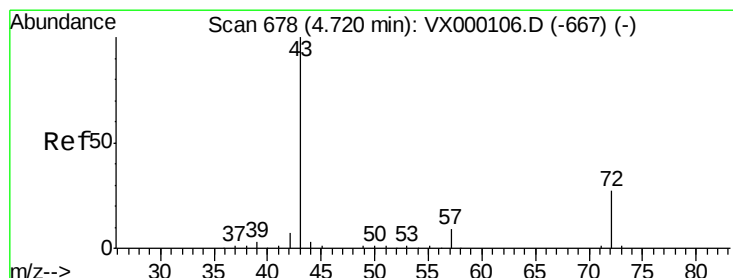
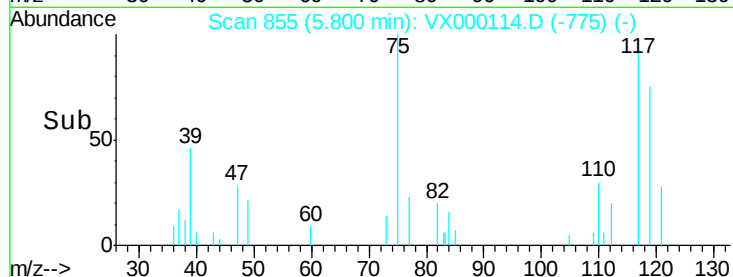
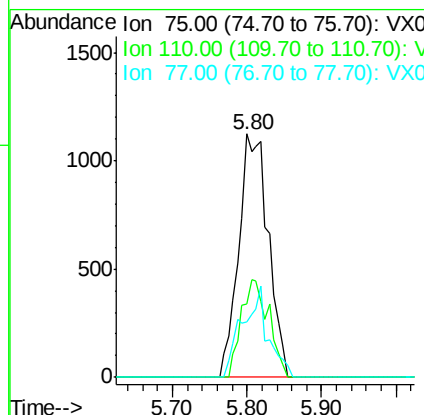
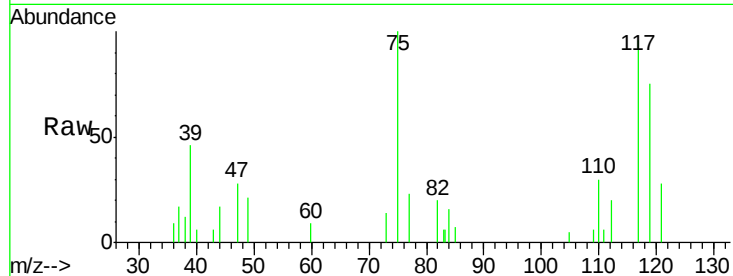
ClientSampleId :

MDL01 2PPB

Tot Ion:	75	Resp:	3065
Ion Ratio	Lower	Upper	
75	100		
110	29.4	0.0	75.6
77	9.0	0.0	62.6

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#30

2-Butanone

Concen: 10.04 ug/l

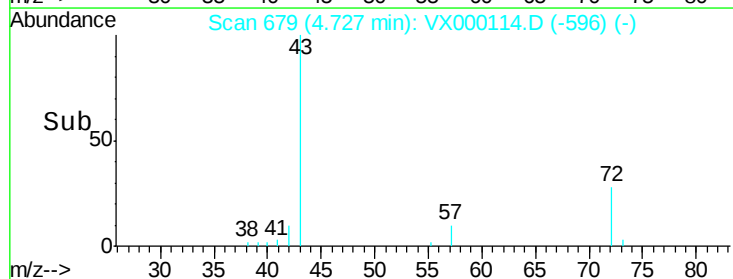
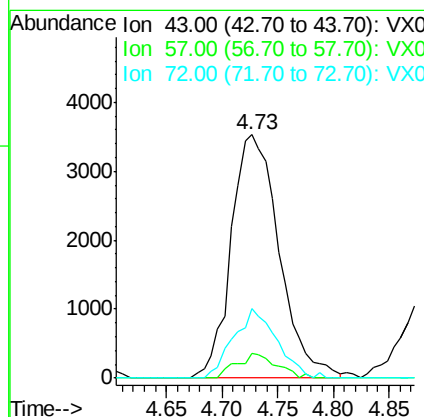
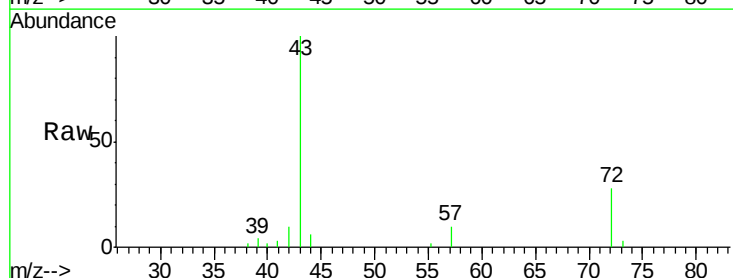
RT: 4.73 min Scan# 679

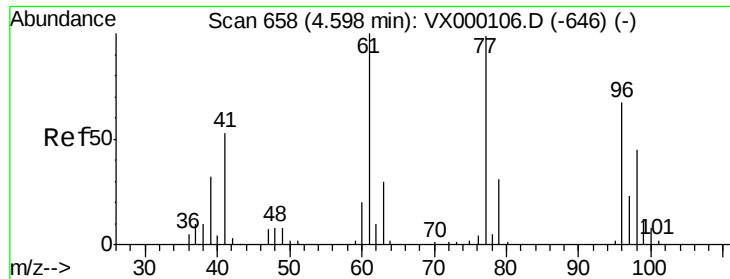
Delta R.T. 0.01 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Tgt Ion:	43	Resp:	10592
Ion Ratio	Lower	Upper	
43	100		
57	5.5	6.6	10.0#
72	25.3	21.8	32.6





#31

2,2-Dichloropropane

Concen: 2.15 ug/l m

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Instrument :

MSVOA_X

ClientSampled :

MDL01 2PPB

Tot Ion: 77 Resp: 3163

Ion Ratio Lower Upper

77 100

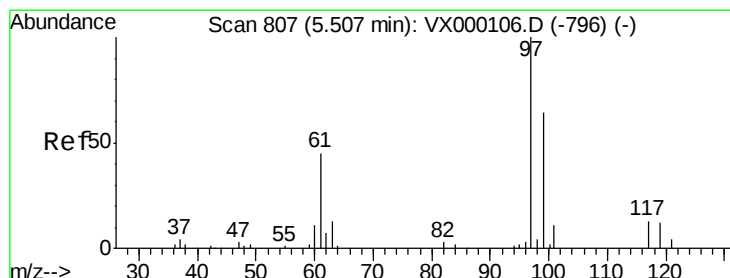
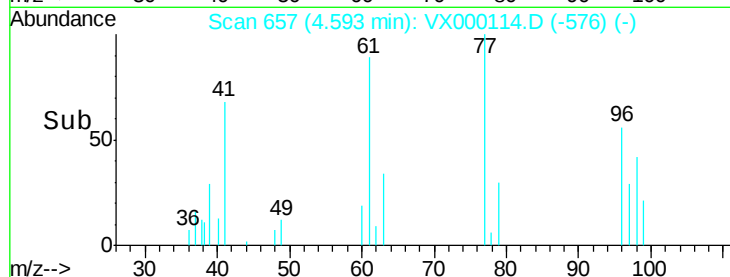
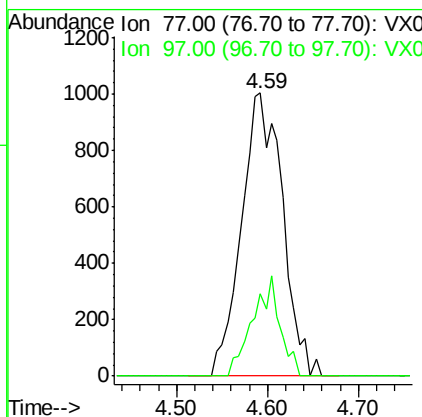
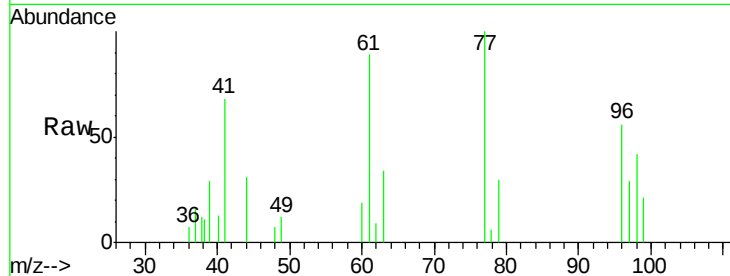
97 23.7 18.6 27.8

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 2.19 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

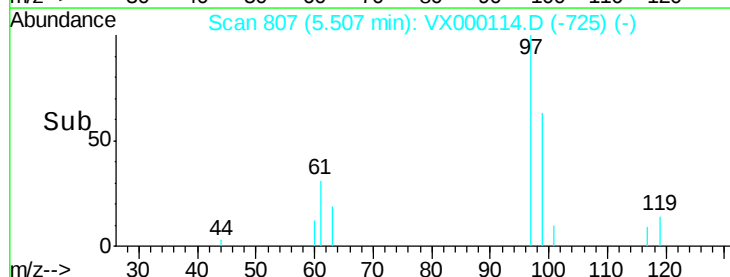
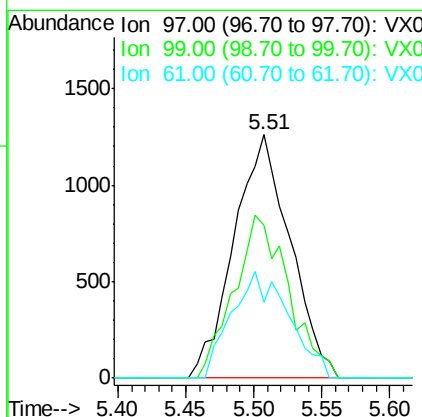
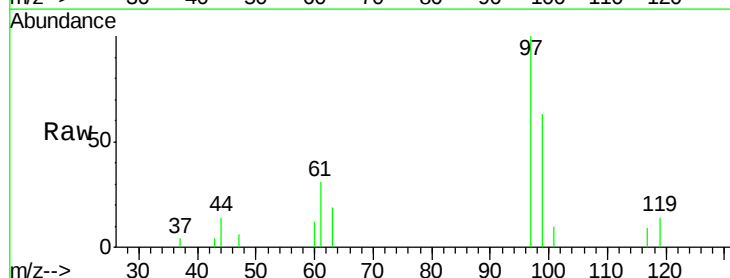
Tgt Ion: 97 Resp: 3638

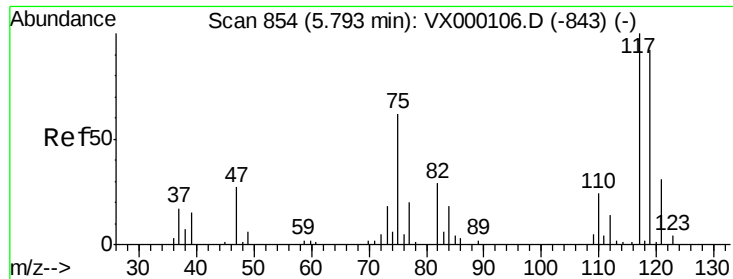
Ion Ratio Lower Upper

97 100

99 64.9 52.3 78.5

61 25.3 34.3 51.5#





#33

Carbon Tetrachloride

Concen: 2.11 ug/l m

RT: 5.79 min Scan# 853

Delta R.T. -0.01 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Instrument :

MSVOA_X

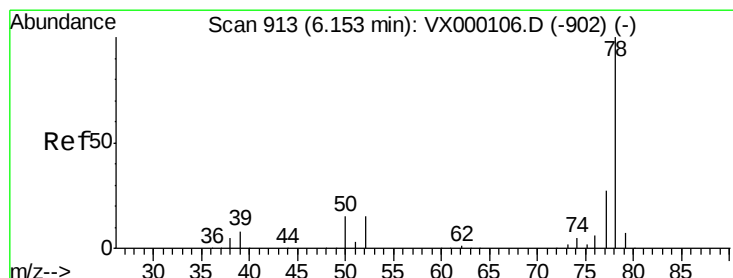
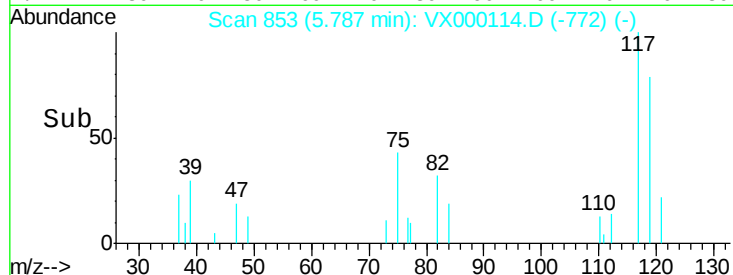
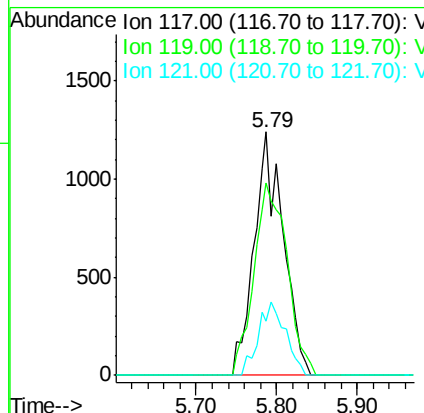
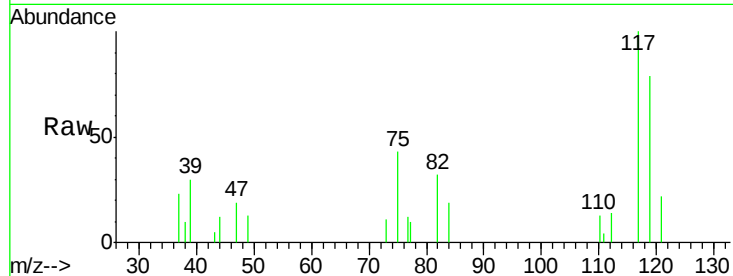
ClientSampleId :

MDL01 2PPB

Tot Ion	Ratio	Lower	Upper
117	100		
119	79.2	73.5	110.3
121	22.2	24.6	37.0#

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#34

Benzene

Concen: 2.12 ug/l

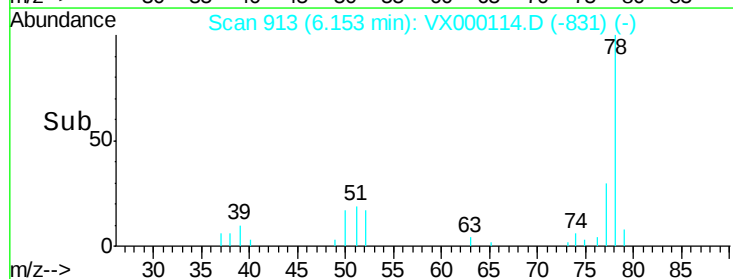
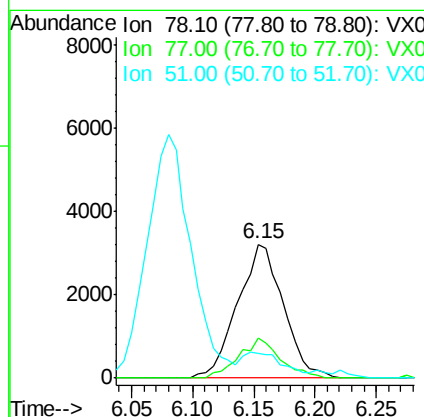
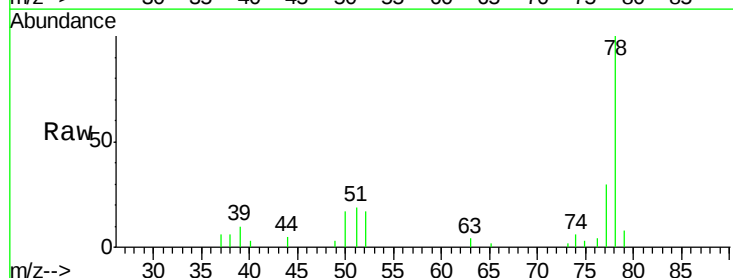
RT: 6.15 min Scan# 913

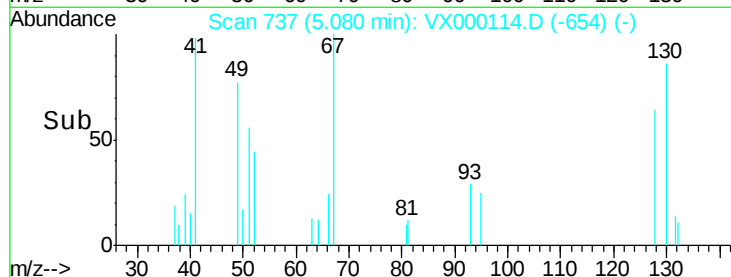
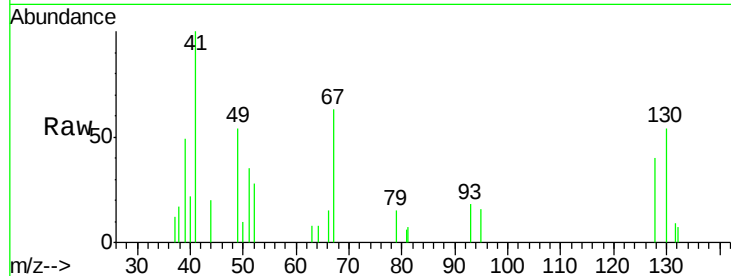
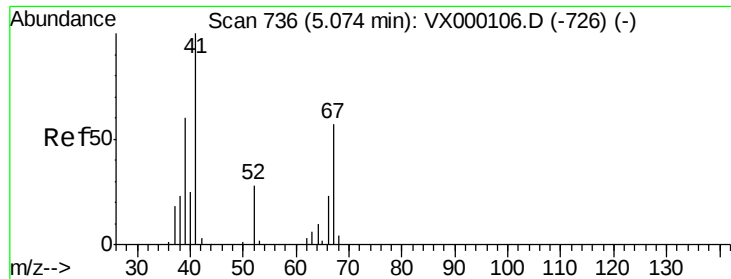
Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

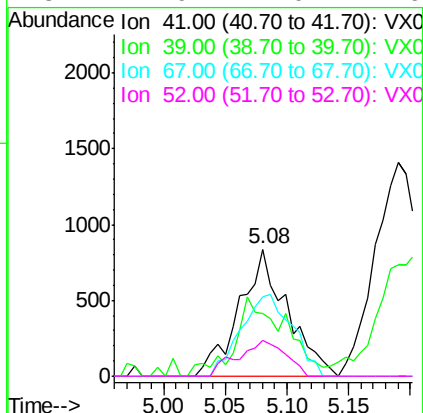
Tgt Ion	Ratio	Lower	Upper
78	100		
77	30.4	21.7	32.5
51	12.4	14.9	22.3#





#35
Methacrylonitrile
Concen: 2.32 ug/l m
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

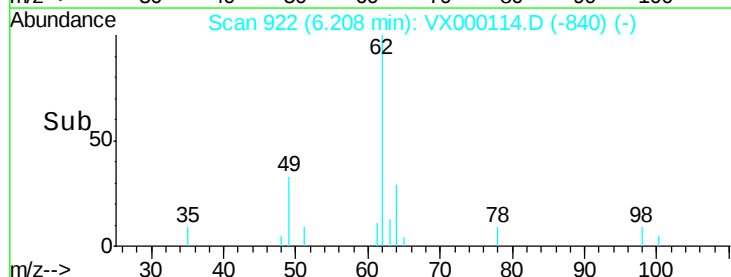
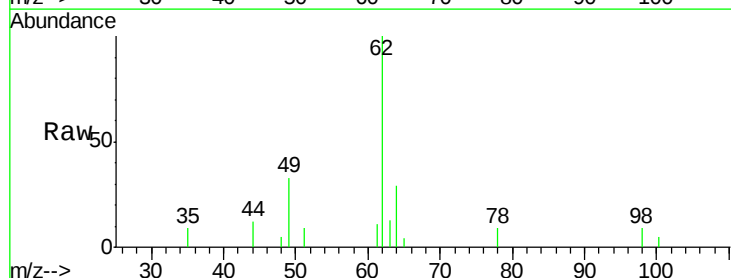
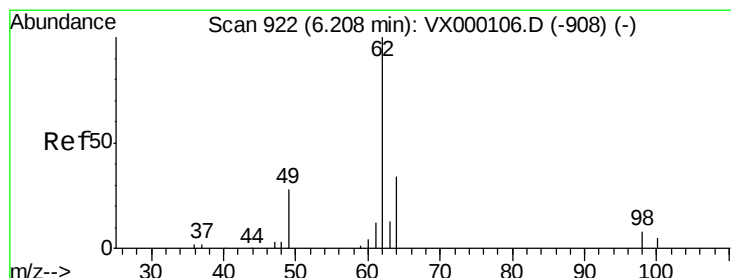
Tot Ion	Ratio	Lower	Upper
41	100		
39	49.0	29.8	89.3
67	62.8	28.7	86.3
52	27.9	14.0	41.9



Instrument :
MSVOA_X
ClientSampleId :
MDL01 2PPB

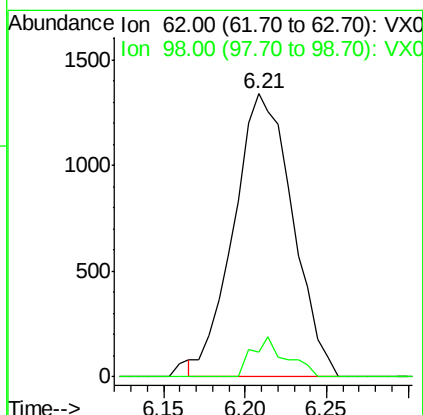
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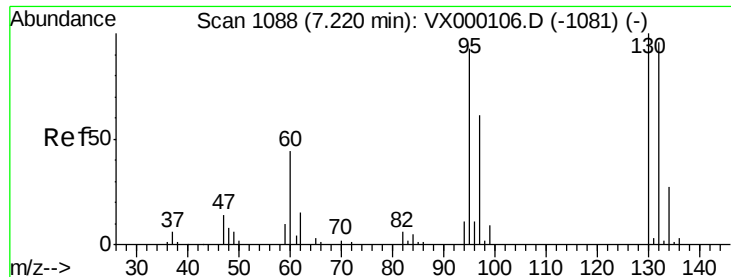
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#36
1,2-Dichloroethane
Concen: 2.25 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Tgt Ion	Ratio	Lower	Upper
62	100		
98	6.7	6.9	10.3#





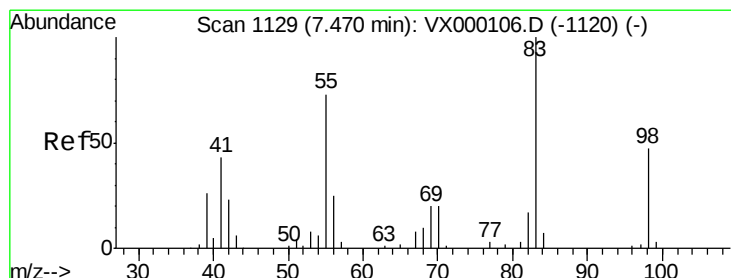
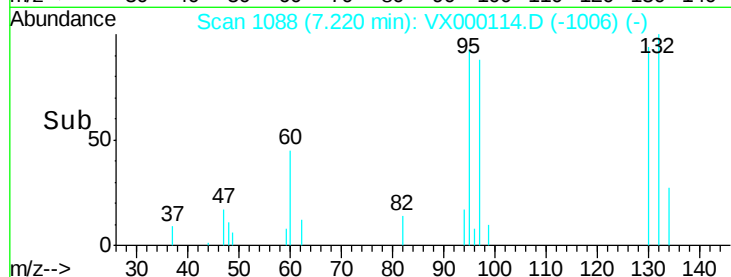
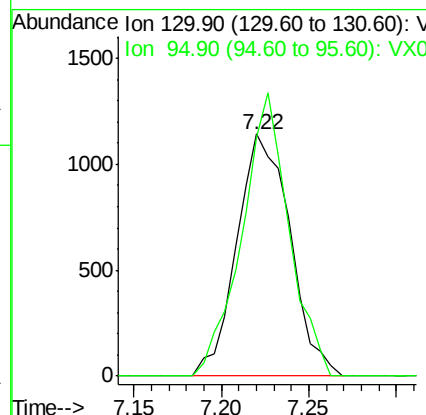
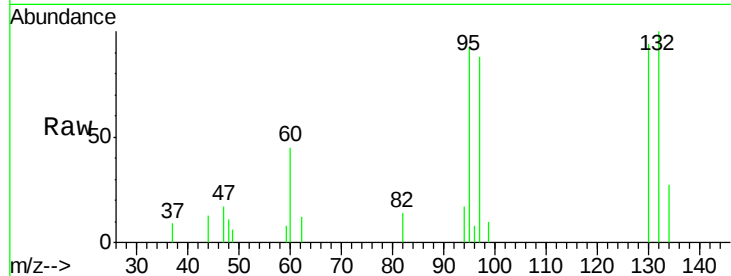
#37
 Trichloroethene
 Concen: 2.07 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX000114.D
 Acq: 20 Feb 2018 18:21

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01 2PPB

Tot Ion:130 Resp: 2416
 Ion Ratio Lower Upper
 130 100
 95 98.8 74.6 112.0

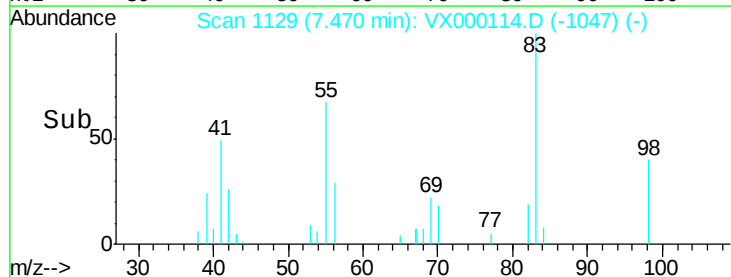
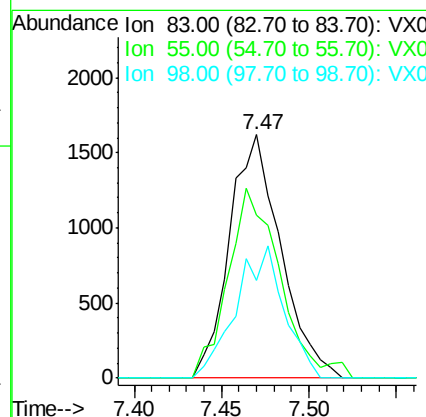
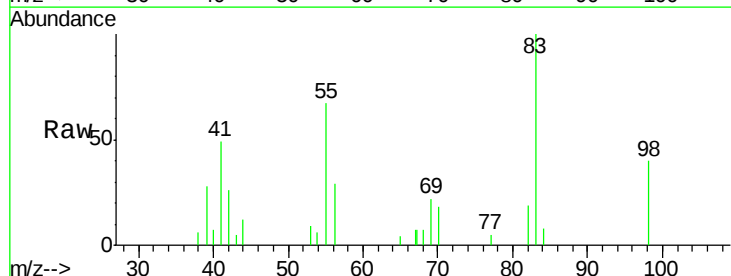
Manual Integrations
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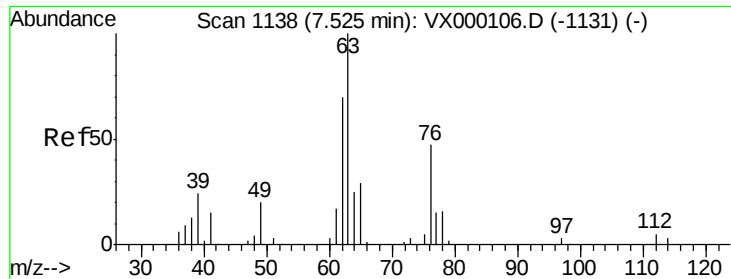
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#38
 Methylcyclohexane
 Concen: 2.01 ug/l
 RT: 7.47 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: VX000114.D
 Acq: 20 Feb 2018 18:21

Tgt Ion: 83 Resp: 3301
 Ion Ratio Lower Upper
 83 100
 55 76.9 35.9 107.7
 98 50.9 24.6 74.0





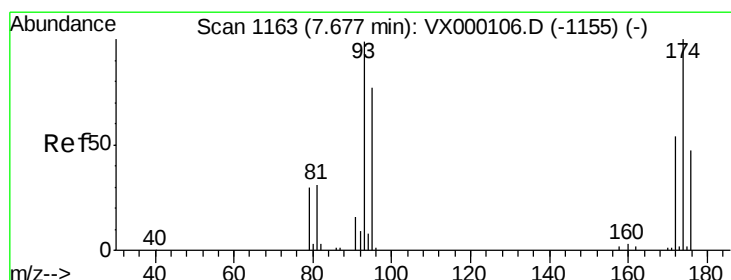
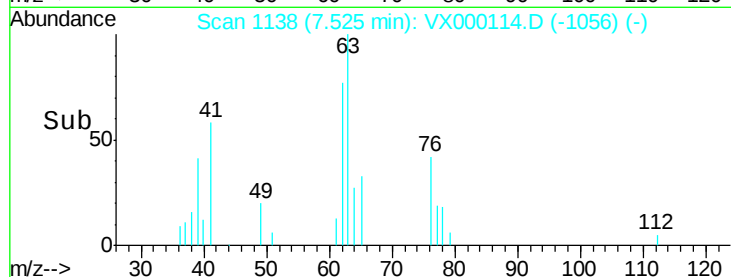
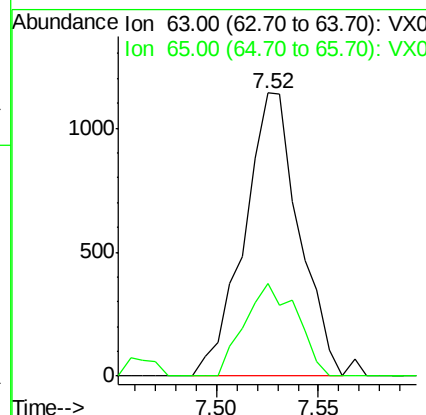
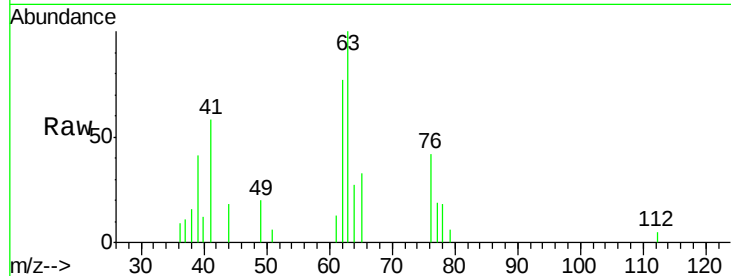
#39
 1,2-Dichloropropane
 Concen: 2.18 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000114.D
 Acq: 20 Feb 2018 18:21

Instrument :
 MSVOA_X
 ClientSampled :
 MDL01 2PPB

Tot Ion: 63 Resp: 2143
 Ion Ratio Lower Upper
 63 100
 65 33.0 25.0 37.6

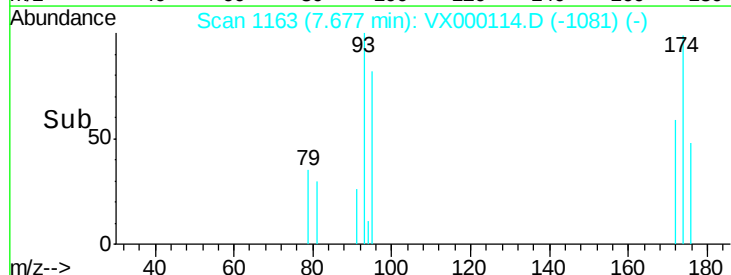
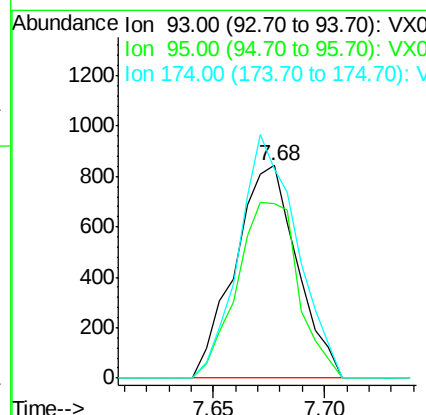
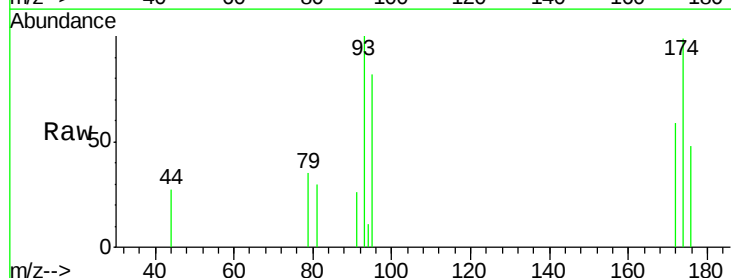
Manual Integrations
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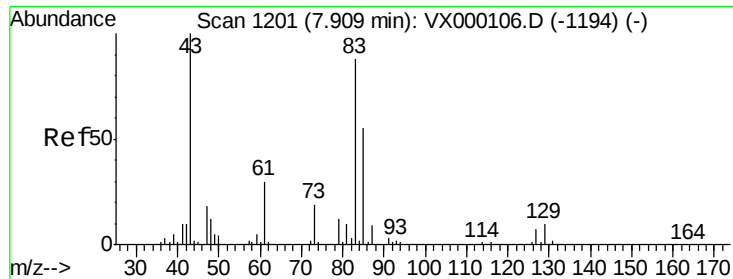
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#40
 Dibromomethane
 Concen: 2.16 ug/l
 RT: 7.68 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: VX000114.D
 Acq: 20 Feb 2018 18:21

Tgt Ion: 93 Resp: 1638
 Ion Ratio Lower Upper
 93 100
 95 81.6 0.0 170.6
 174 106.3 0.0 210.4





#41

Bromodichloromethane

Concen: 1.95 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Instrument :

MSVOA_X

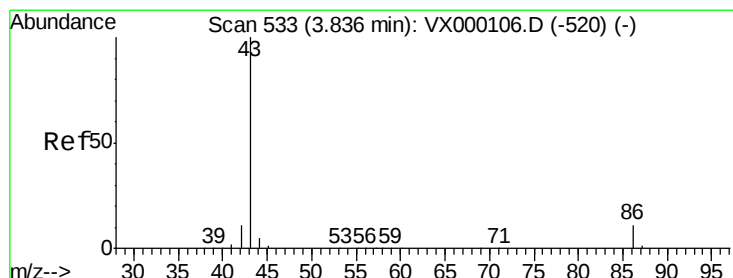
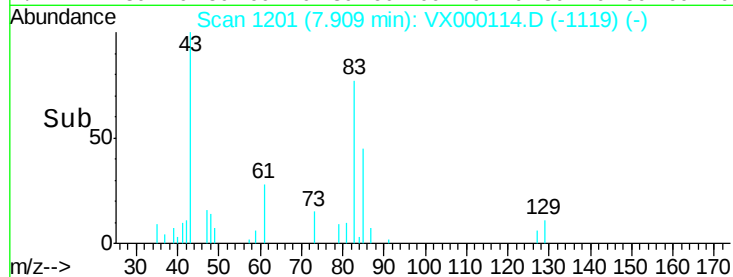
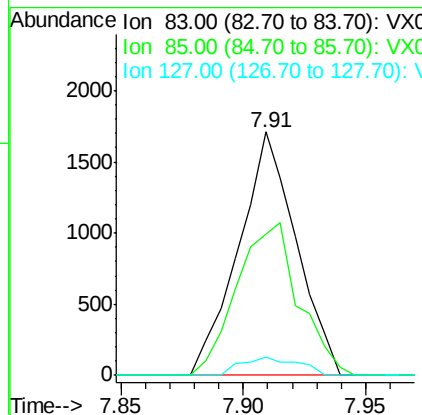
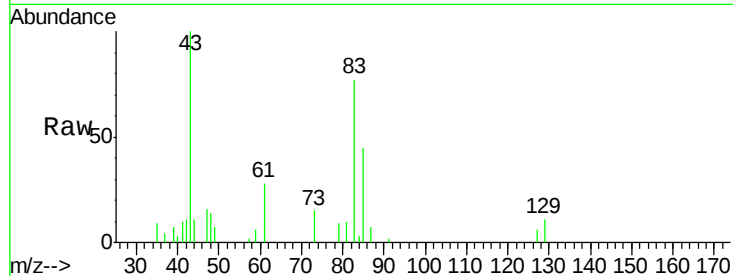
ClientSampleId :

MDL01 2PPB

Tot Ion:	83	Resp:	2806
Ion	Ratio	Lower	Upper
83	100		
85	57.9	50.0	75.0
127	7.7	6.6	10.0

Manual Integrations
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#42

Vinyl Acetate

Concen: 8.69 ug/l

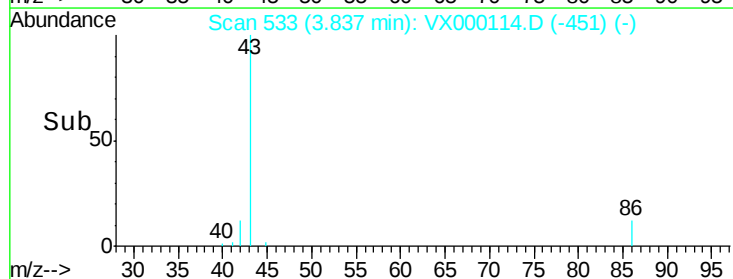
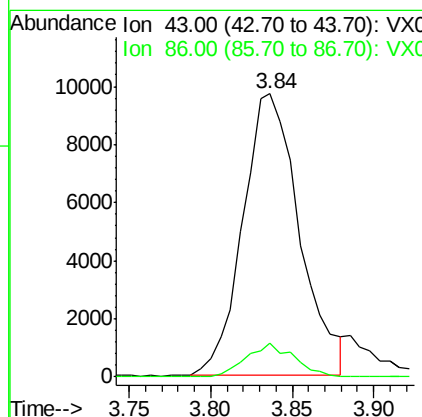
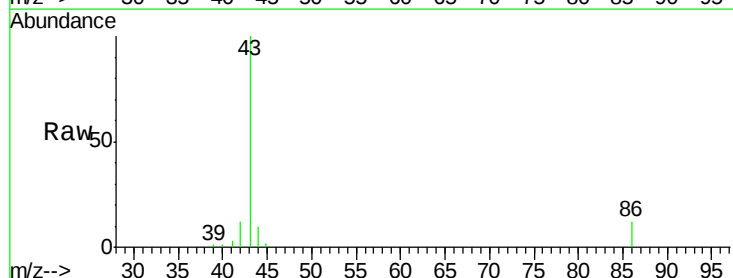
RT: 3.84 min Scan# 533

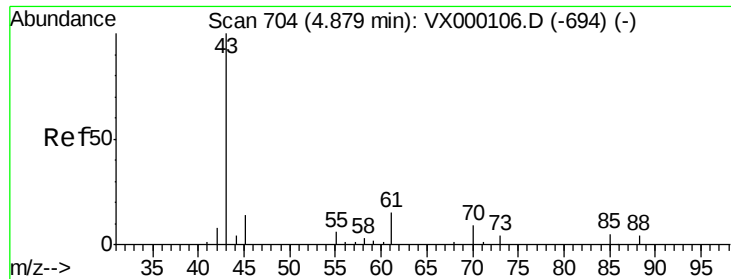
Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Tgt Ion:	43	Resp:	23371
Ion	Ratio	Lower	Upper
43	100		
86	10.0	7.8	11.6





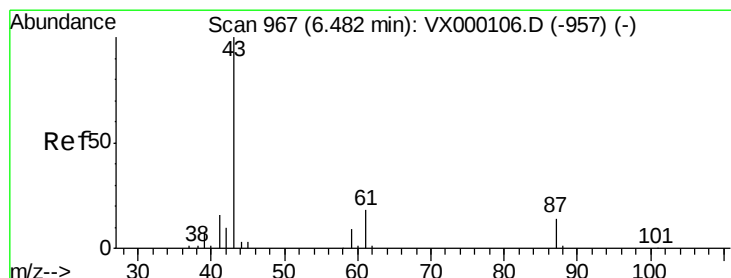
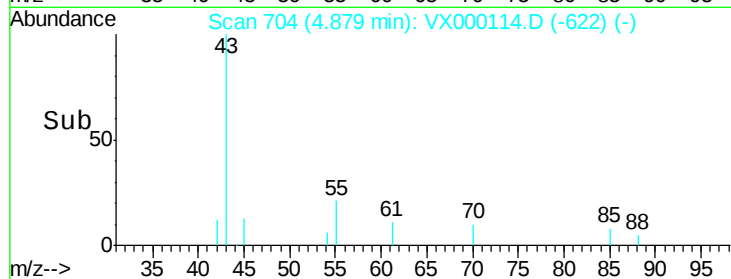
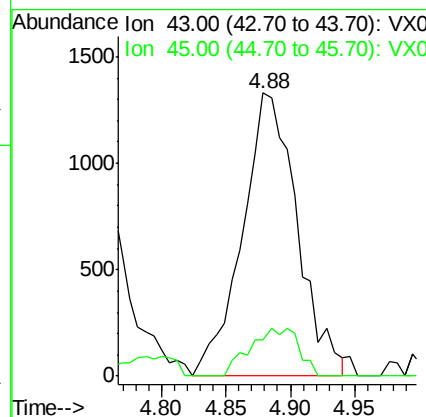
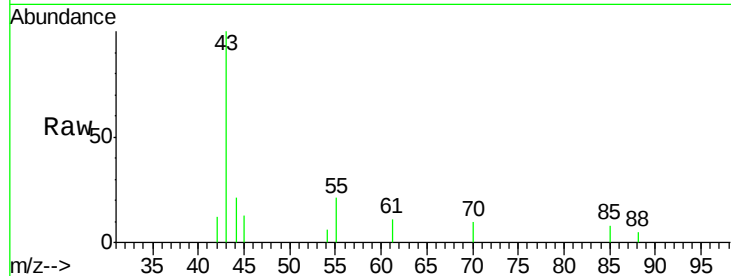
#43
Ethyl Acetate
Concen: 2.12 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Instrument :
MSVOA_X
ClientSampleId :
MDL01 2PPB

Tot Ion: 43 Resp: 3925
Ion Ratio Lower Upper
43 100
45 9.7 11.4 17.0#

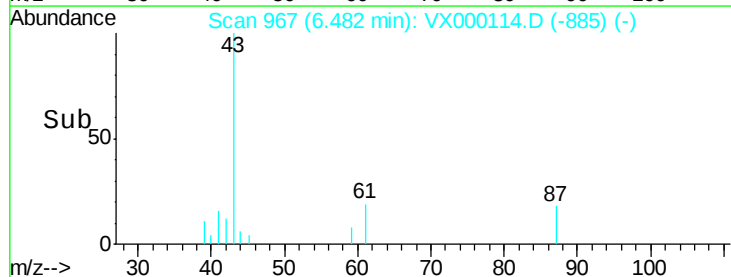
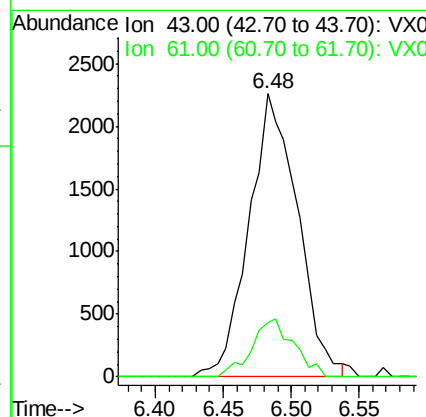
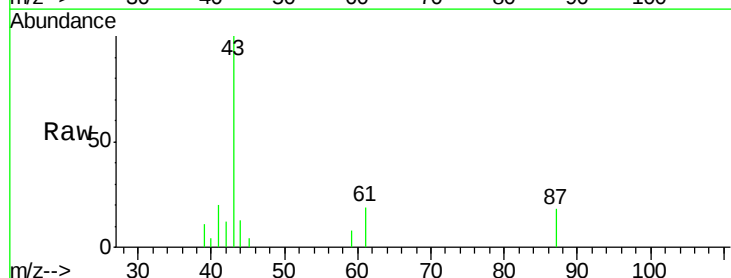
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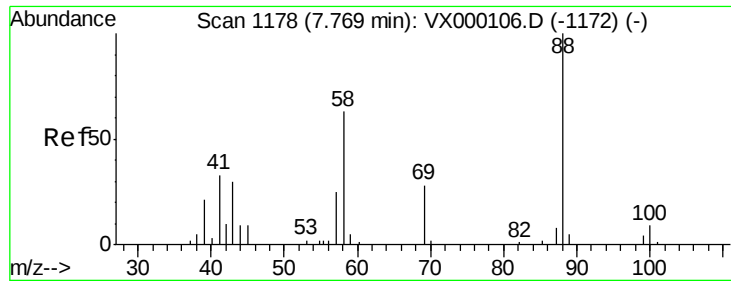
apatel
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#44
Isopropyl Acetate
Concen: 2.08 ug/l
RT: 6.48 min Scan# 967
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Tgt Ion: 43 Resp: 5651
Ion Ratio Lower Upper
43 100
61 17.8 15.7 23.5





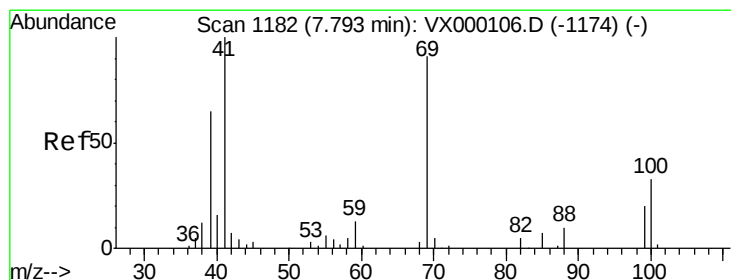
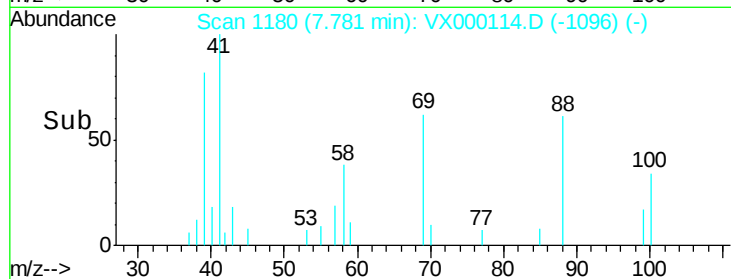
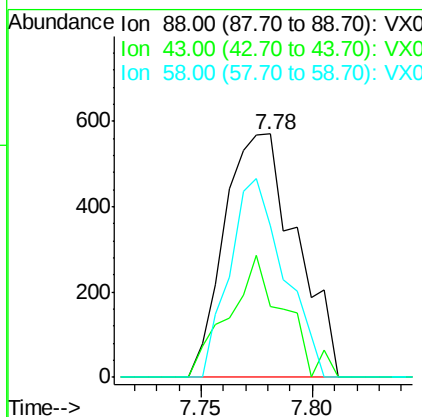
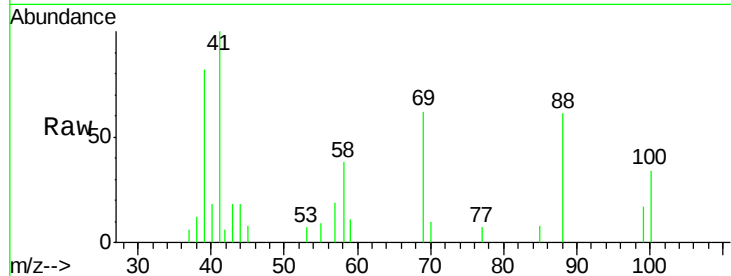
#45
 1,4-Dioxane
 Concen: 37.46 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: VX000114.D
 Acq: 20 Feb 2018 18:21

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01 2PPB

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.6	26.8	40.2
58	61.8	52.1	78.1

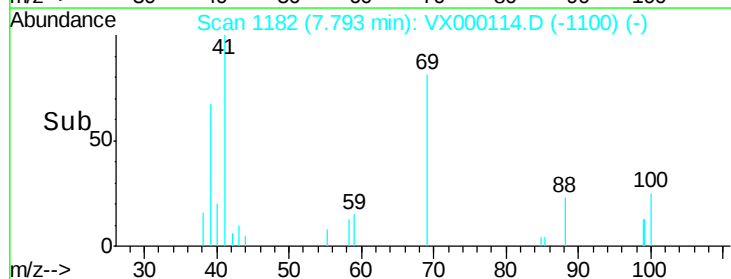
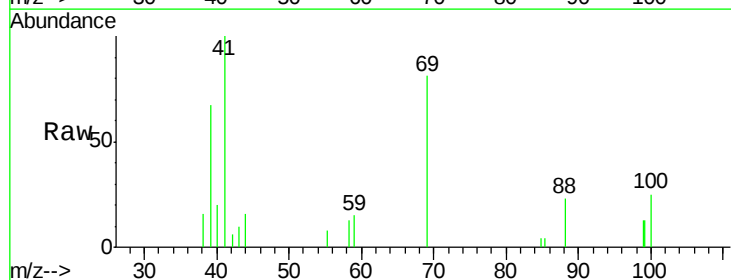
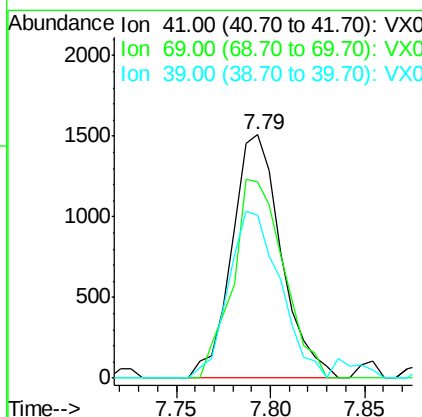
Manual Integrations
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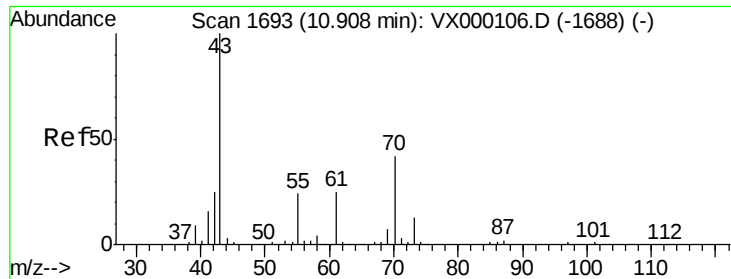
apatel
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#46
 Methyl methacrylate
 Concen: 2.07 ug/l
 RT: 7.79 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX000114.D
 Acq: 20 Feb 2018 18:21

Tgt Ion	Ratio	Lower	Upper
41	100		
69	80.5	45.5	136.5
39	66.8	32.5	97.5





#47

n-amvl Acetate

Concen: 1.89 ug/l

RT: 10.91 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Instrument :

MSVOA_X

ClientSampleId :

MDL01 2PPB

Tot Ion: 43 Resp: 4495

Ion Ratio Lower Upper

43 100

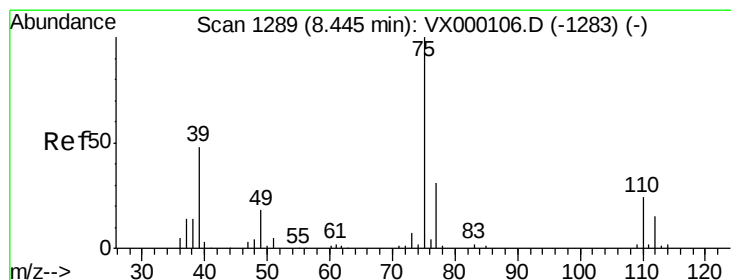
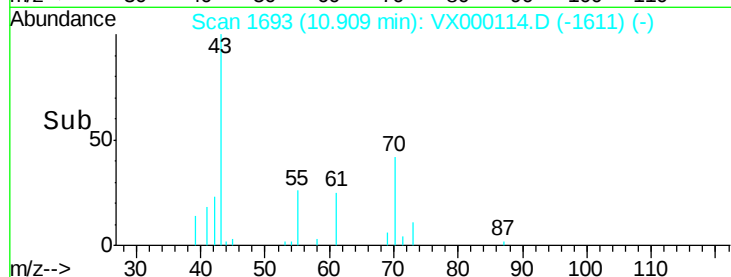
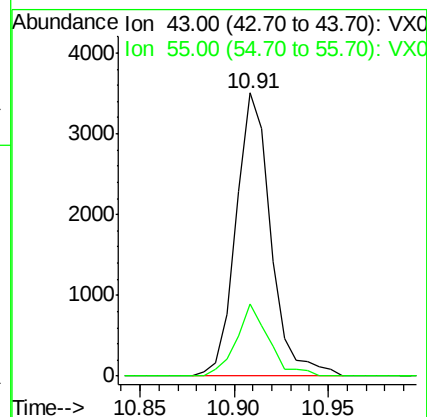
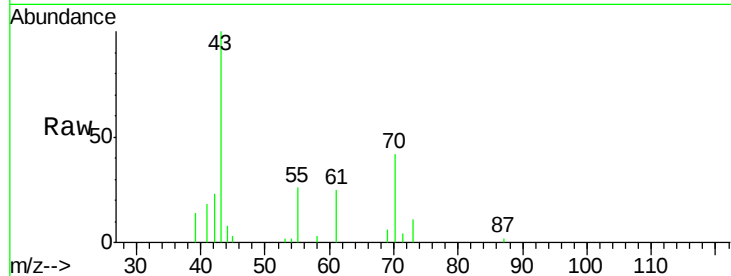
55 22.6 19.4 29.2

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 1.94 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX000114.D

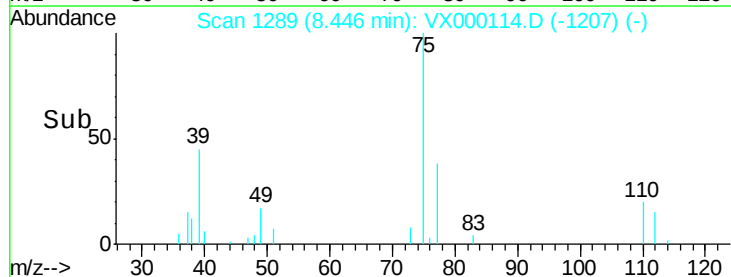
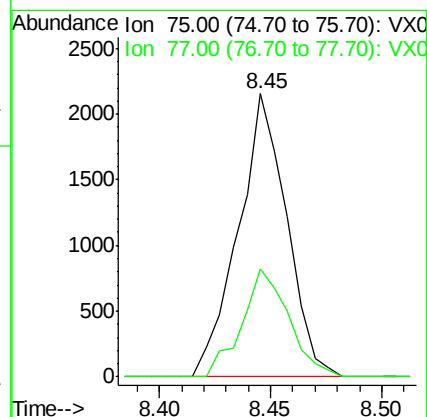
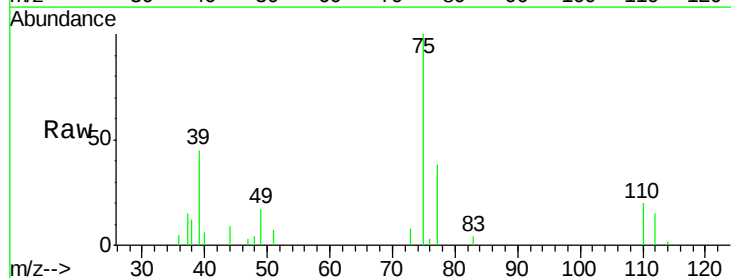
Acq: 20 Feb 2018 18:21

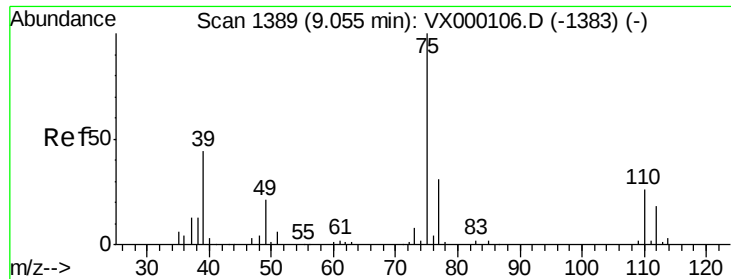
Tgt Ion: 75 Resp: 3260

Ion Ratio Lower Upper

75 100

77 38.0 24.6 37.0#





#49

cis-1,3-Dichloropropene

Concen: 1.92 ug/l

RT: 9.06 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Instrument :

MSVOA_X

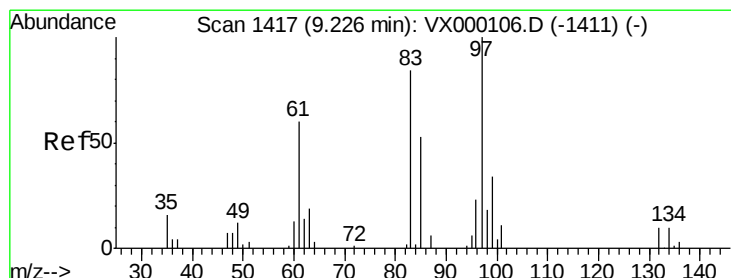
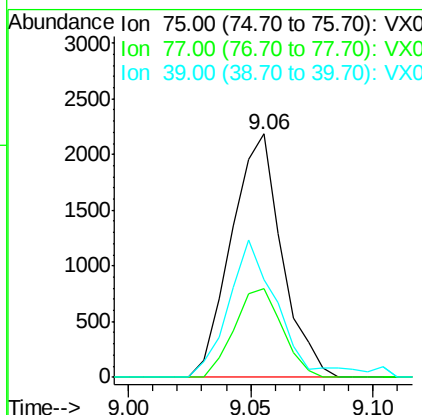
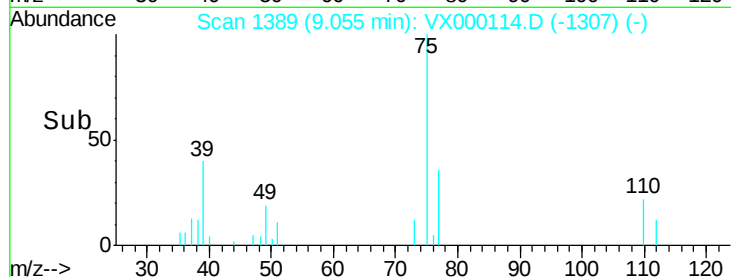
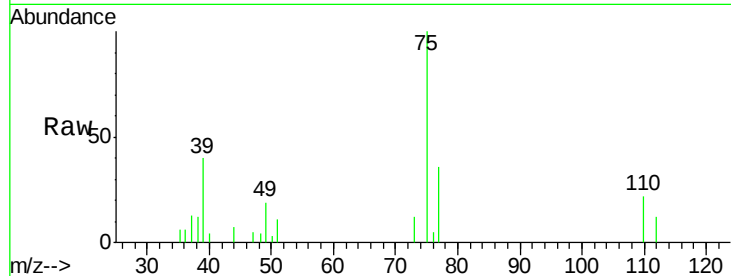
ClientSampleId :

MDL01 2PPB

Tot Ion:	75	Resp:	3139
Ion	Ratio	Lower	Upper
75	100		
77	36.2	24.5	36.7
39	40.0	35.6	53.4

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#50

1,1,2-Trichloroethane

Concen: 2.02 ug/l

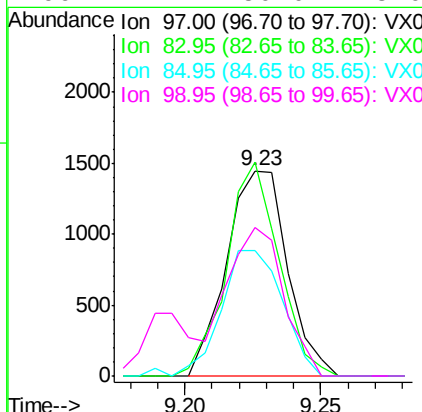
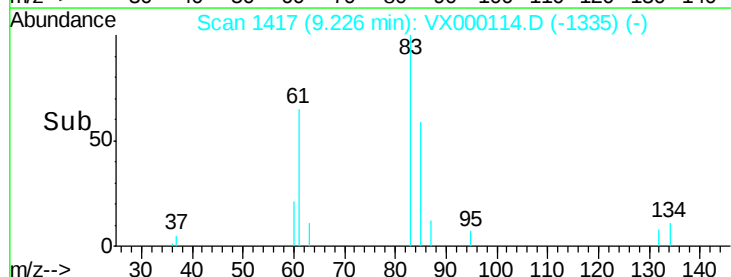
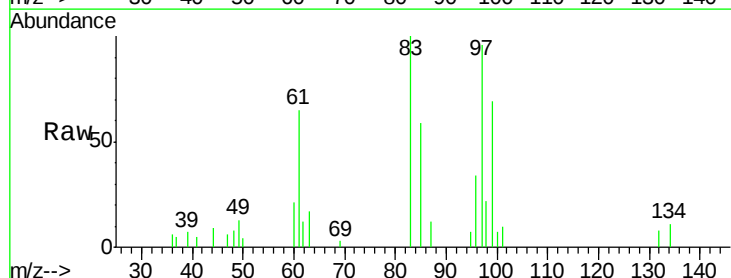
RT: 9.23 min Scan# 1417

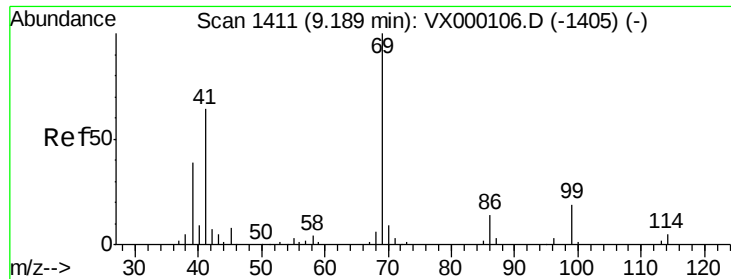
Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Tgt Ion:	97	Resp:	2248
Ion	Ratio	Lower	Upper
97	100		
83	104.1	66.9	100.3#
85	61.0	44.4	66.6
99	72.1	50.0	75.0





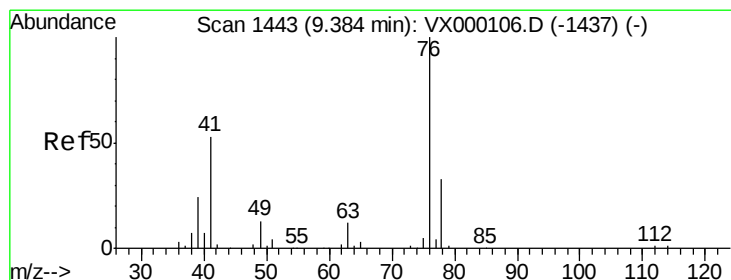
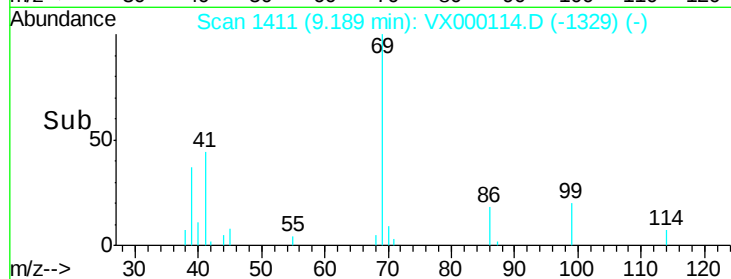
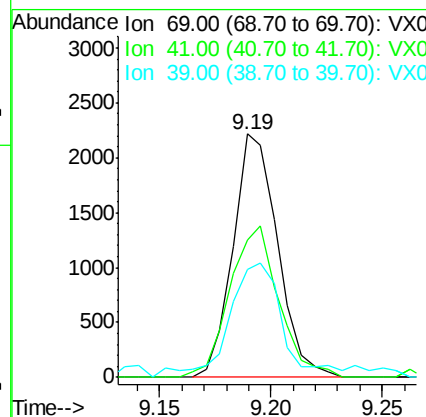
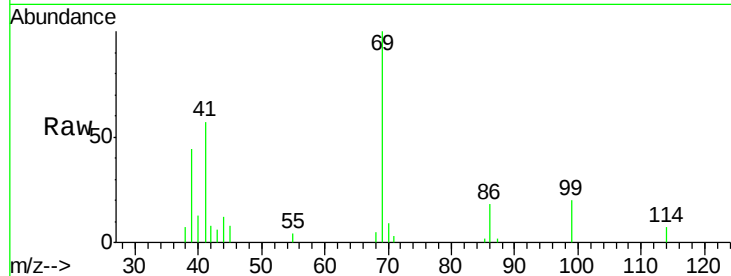
#51
Ethyl methacrylate
Concen: 1.81 ug/l
RT: 9.19 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Instrument :
MSVOA_X
ClientSampled :
MDL01 2PPB

Tot Ion	Ratio	Lower	Upper
69	100		
41	56.6	32.1	96.3
39	41.7	19.6	58.7

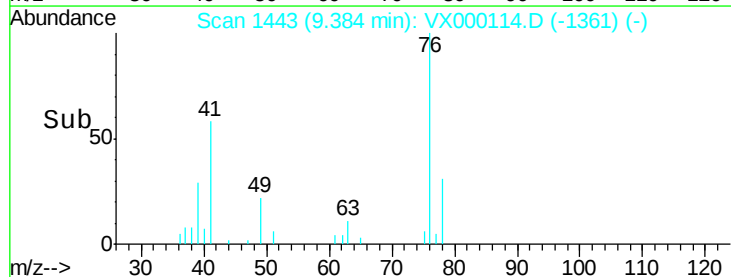
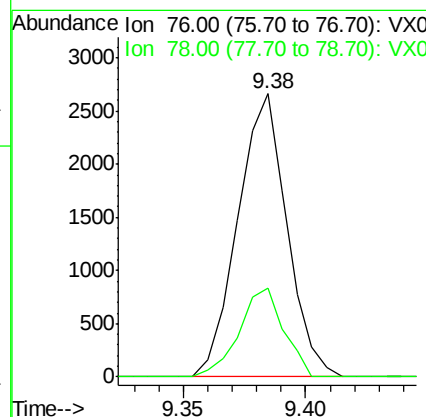
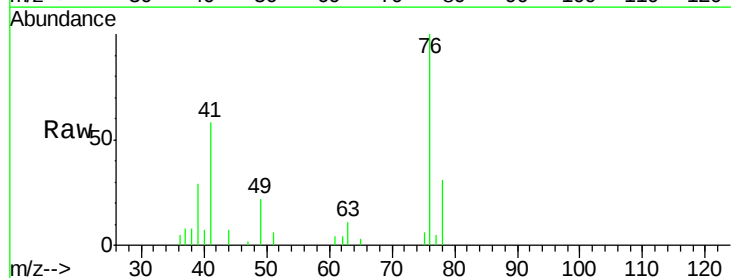
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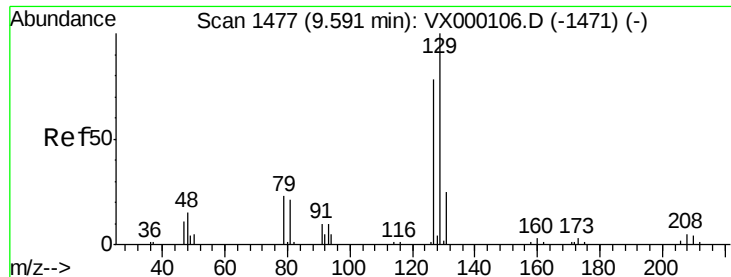
apatel
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#52
1,3-Dichloropropane
Concen: 2.08 ug/l
RT: 9.38 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Tgt Ion	Ratio	Lower	Upper
76	100		
78	28.5	0.0	65.0





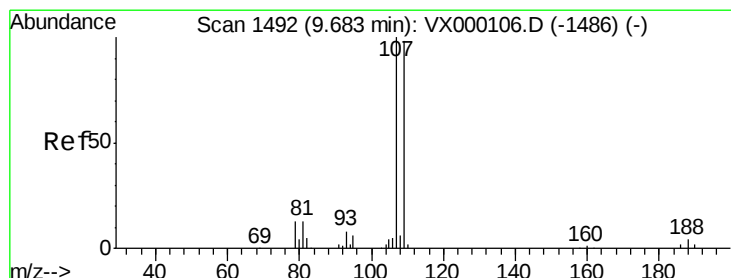
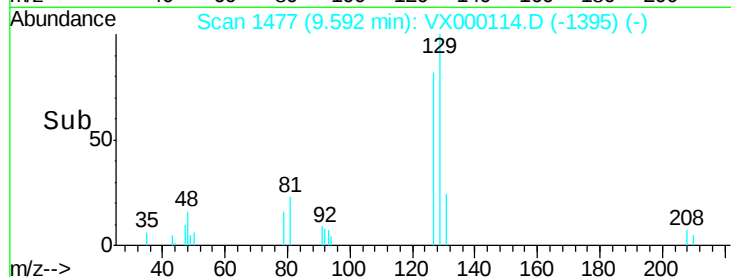
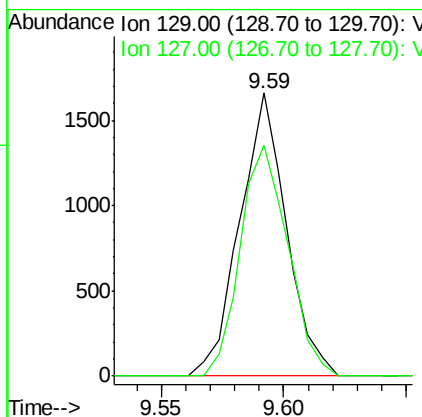
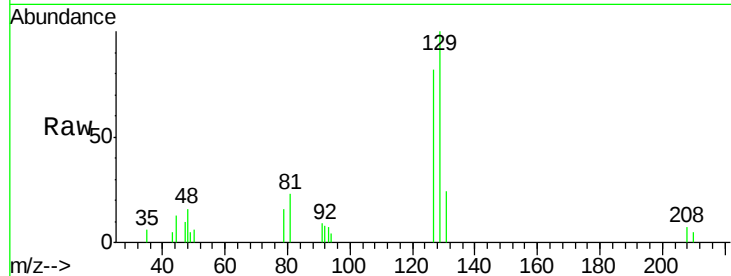
#53
Dibromochloromethane
Concen: 1.78 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Instrument :
MSVOA_X
ClientSampleId :
MDL01 2PPB

Tot Ion	Ratio	Lower	Upper
129	100		
127	83.3	37.5	112.5

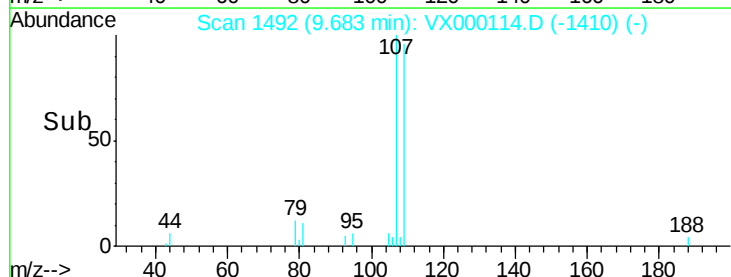
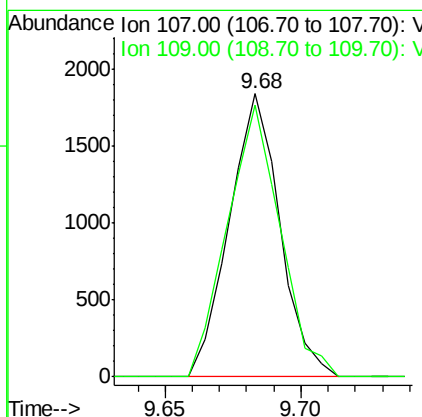
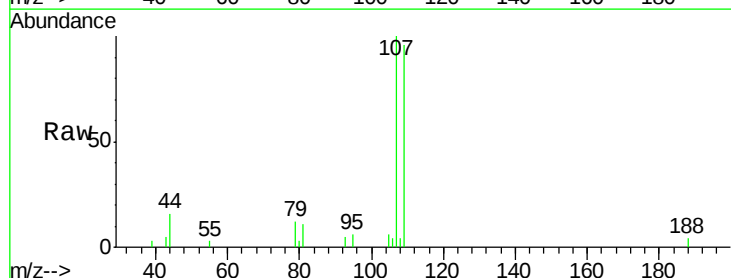
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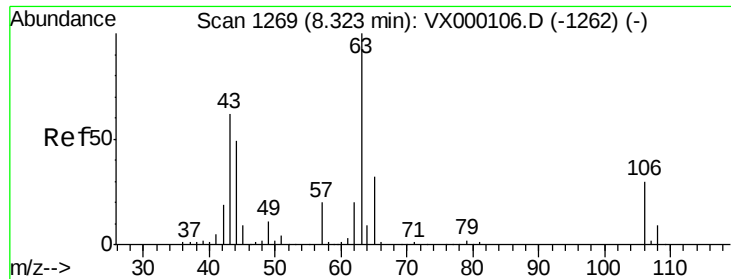
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#54
1,2-Dibromoethane
Concen: 1.91 ug/l
RT: 9.68 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Tgt Ion	Ratio	Lower	Upper
107	100		
109	100.5	74.5	111.7





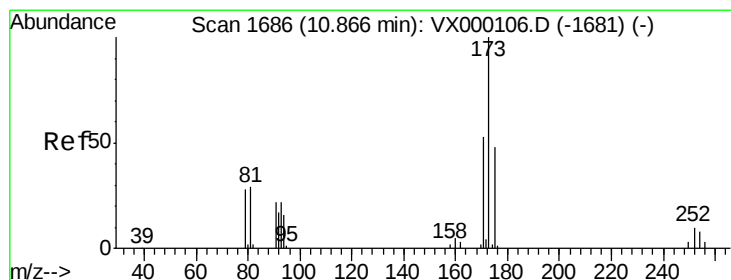
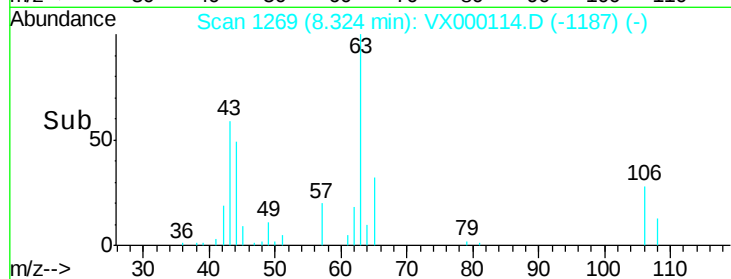
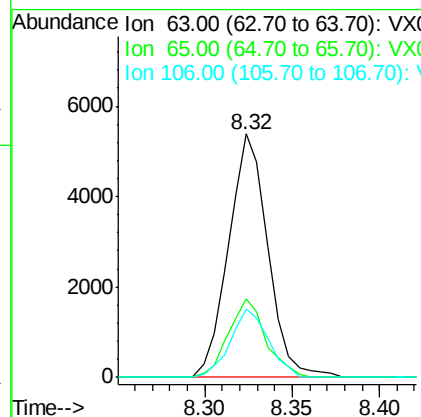
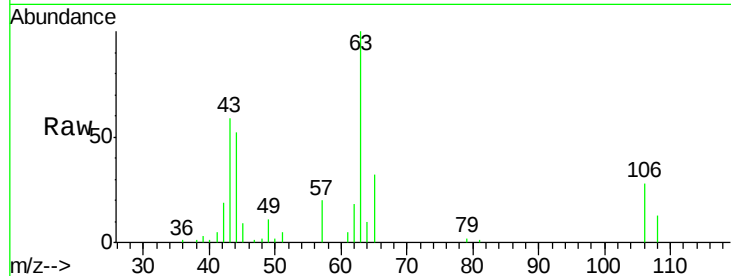
#55
2-Chloroethyl vinyl ether
Concen: 11.28 ug/l
RT: 8.32 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Instrument :
MSVOA_X
ClientSampleId :
MDL01 2PPB

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	25.8	38.8
106	27.3	23.8	35.6

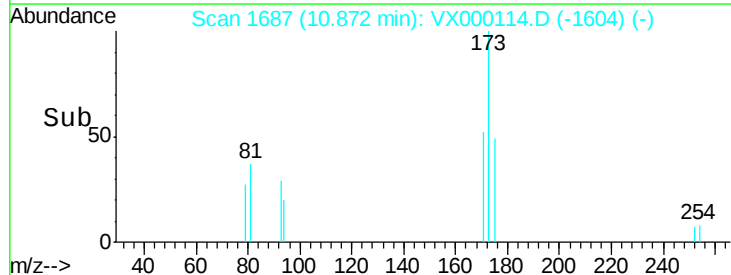
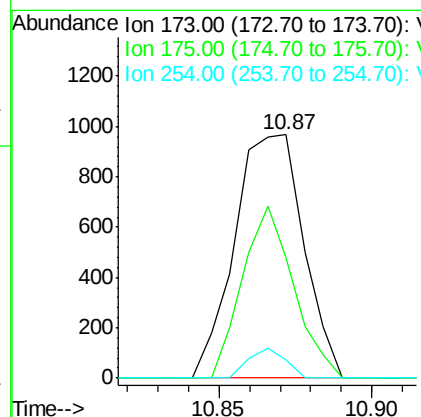
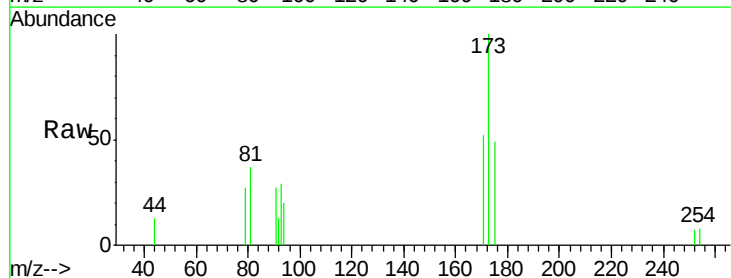
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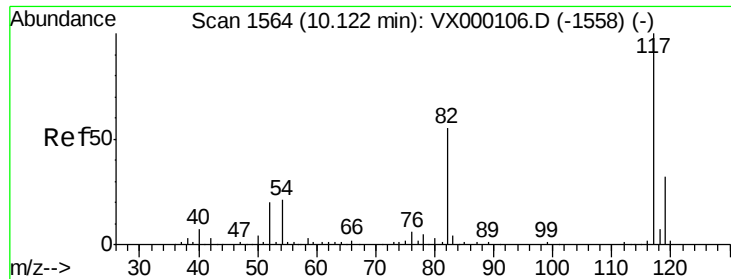
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#56
Bromoform
Concen: 1.51 ug/l
RT: 10.87 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Tgt Ion	Ratio	Lower	Upper
173	100		
175	52.3	39.0	58.4
254	6.6	7.0	10.4





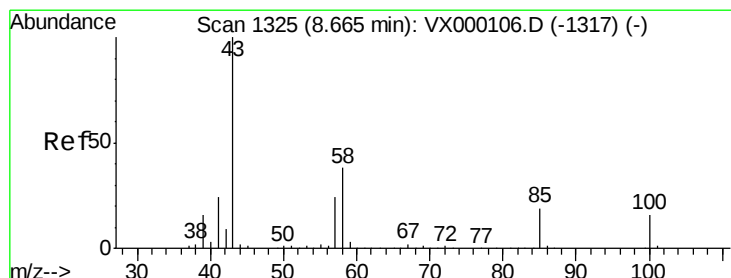
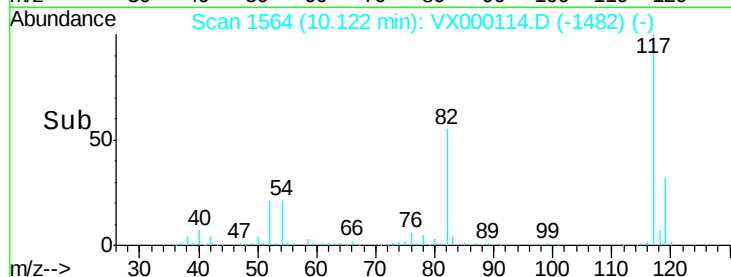
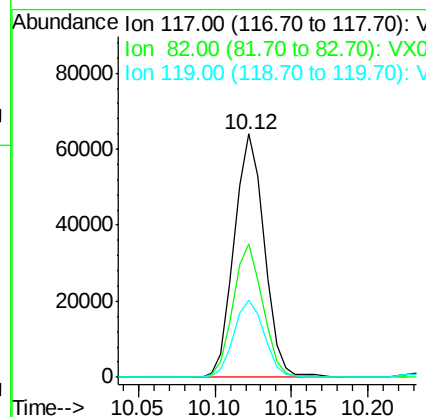
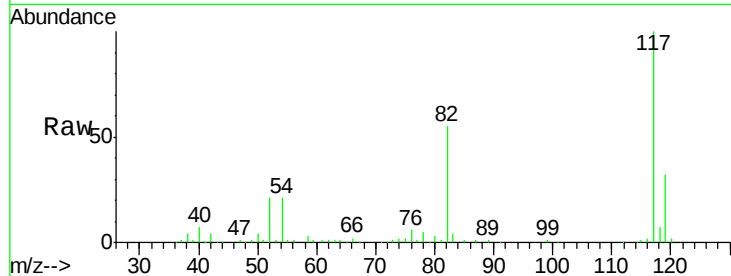
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Instrument :
MSVOA_X
ClientSampleId :
MDL01 2PPB

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.0	64.4
119	32.3	25.8	38.8

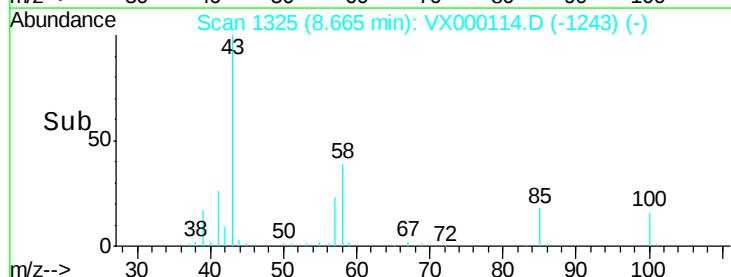
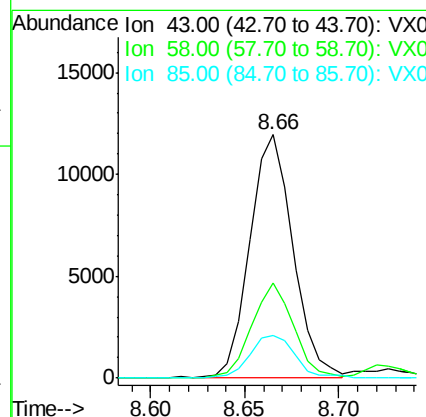
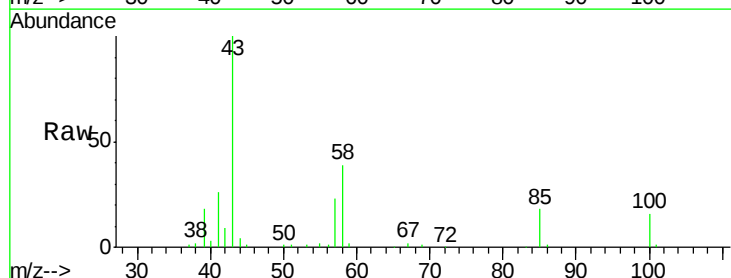
Manual Integrations
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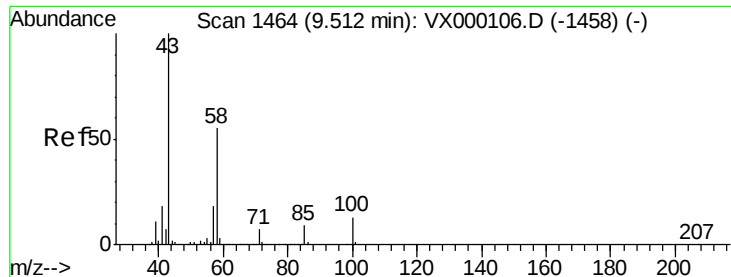
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#58
4-Methyl-2-Pentanone
Concen: 9.90 ug/l
RT: 8.66 min Scan# 1325
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.7	29.8	44.8
85	18.4	14.9	22.3





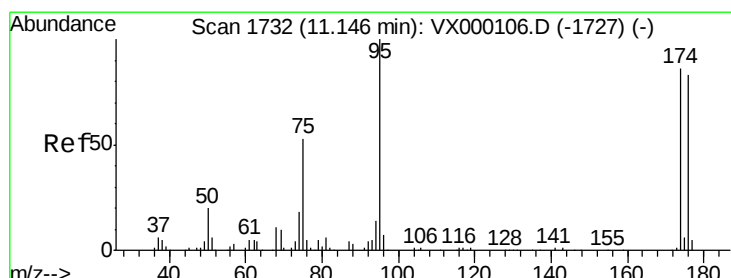
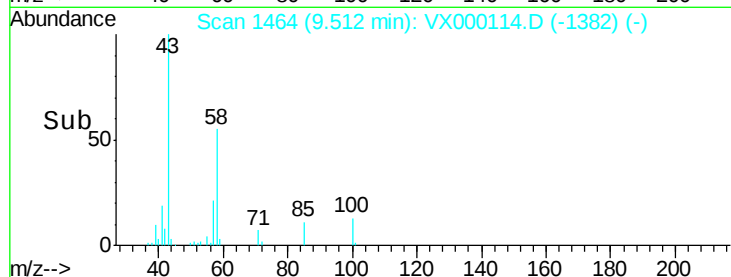
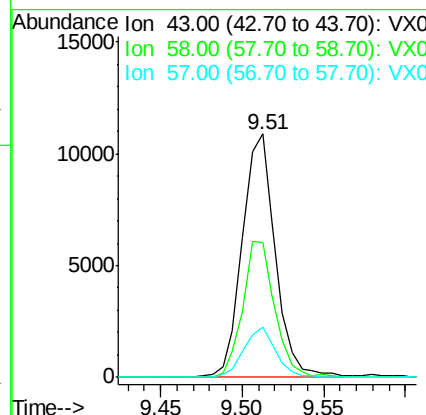
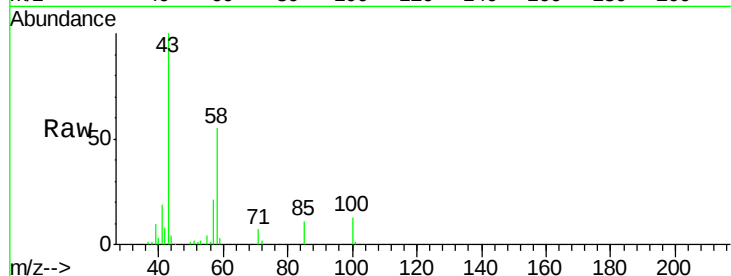
#59
2-Hexanone
Concen: 9.46 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Instrument :
MSVOA_X
ClientSampleId :
MDL01 2PPB

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.4	43.0	64.6
57	20.0	14.4	21.6

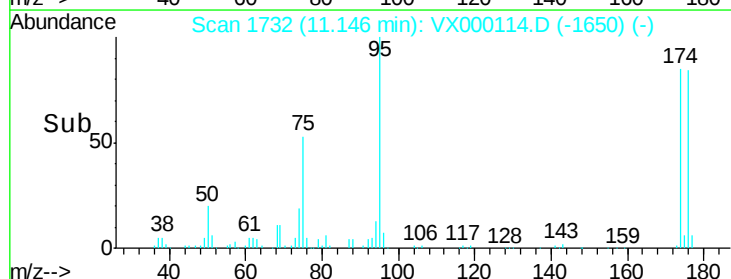
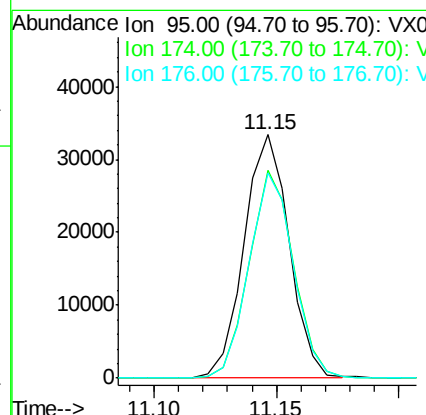
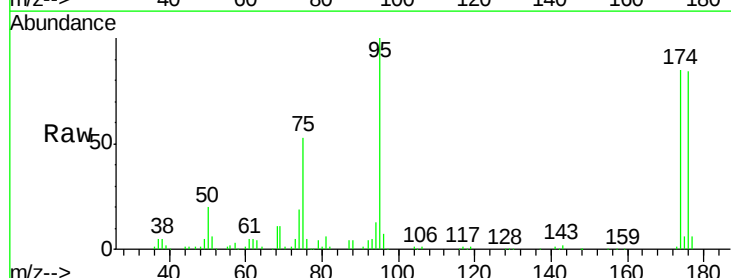
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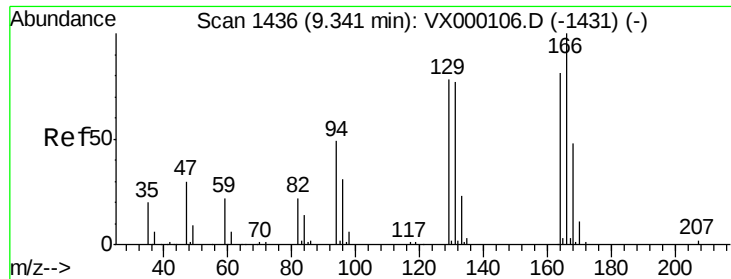
apatel
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#60
4-Bromofluorobenzene
Concen: 29.76 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.3	71.1	106.7
176	83.3	69.3	103.9





#61

Tetrachloroethene

Concen: 2.13 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Instrument :

MSVOA_X

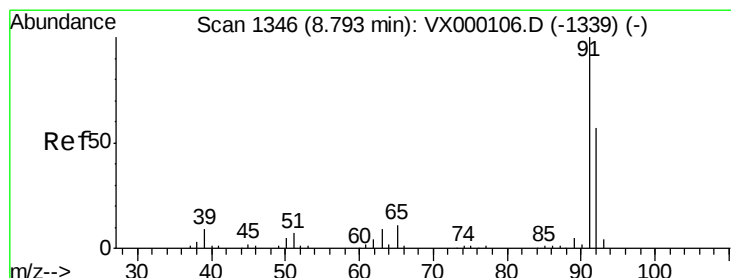
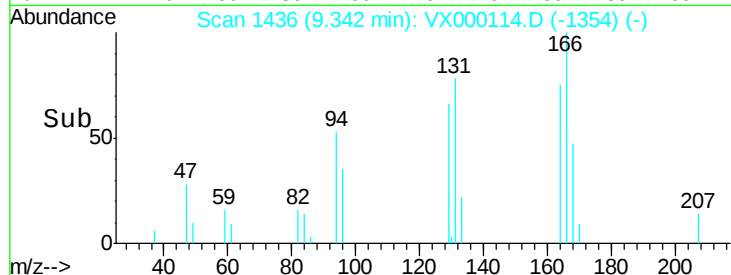
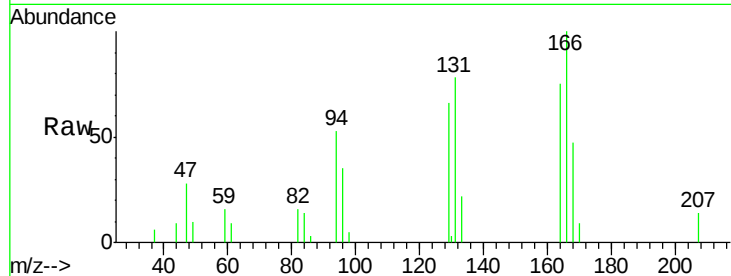
ClientSampleId :

MDL01 2PPB

Tot Ion:	164	Resp:	2264
Ion	Ratio	Lower	Upper
164	100		
166	132.8	99.0	148.4
129	87.3	77.0	115.6
131	103.1	75.8	113.6

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#62

Toluene

Concen: 2.14 ug/l

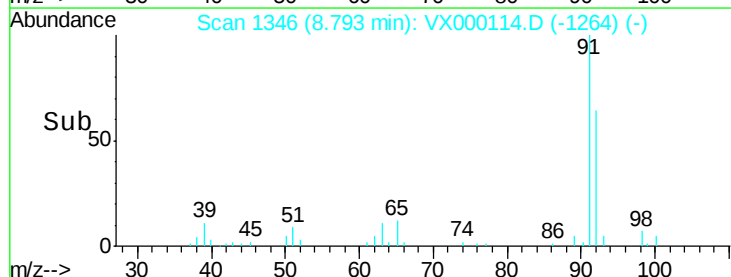
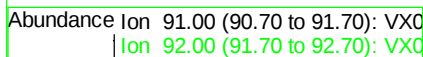
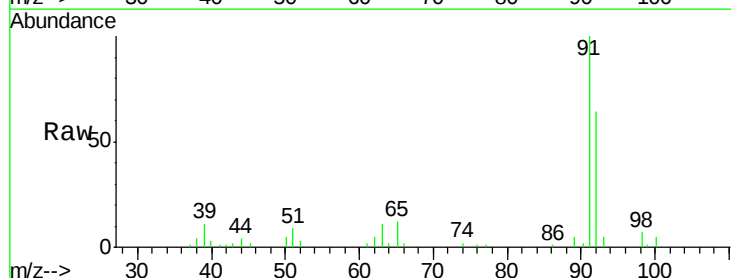
RT: 8.79 min Scan# 1346

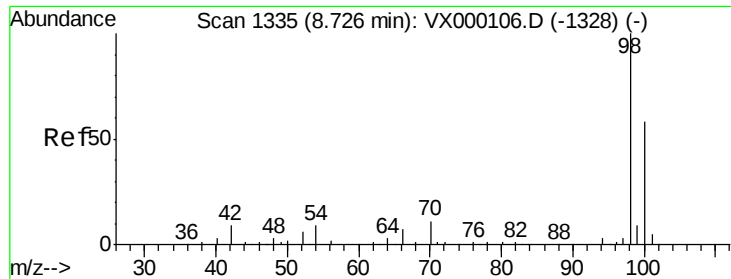
Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Tgt Ion:	91	Resp:	9749
Ion	Ratio	Lower	Upper
91	100		
92	58.8	45.4	68.0





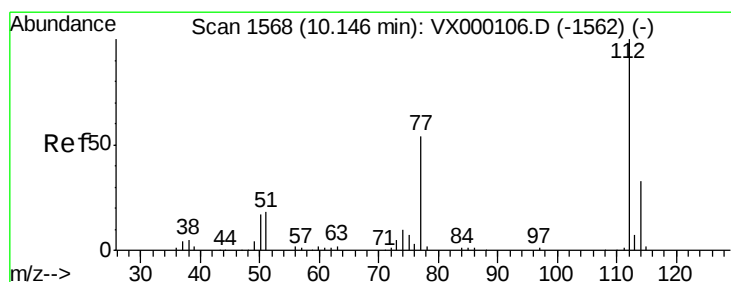
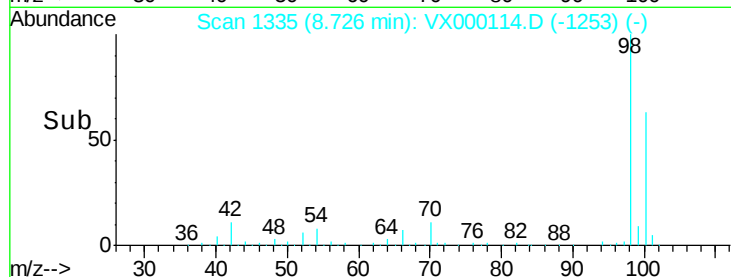
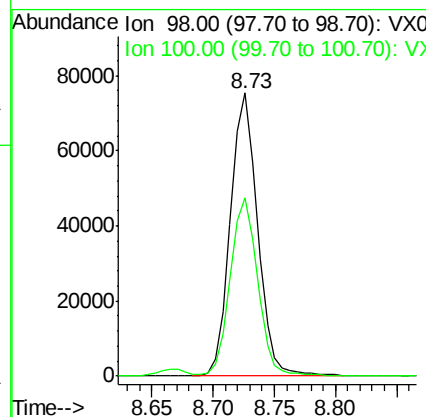
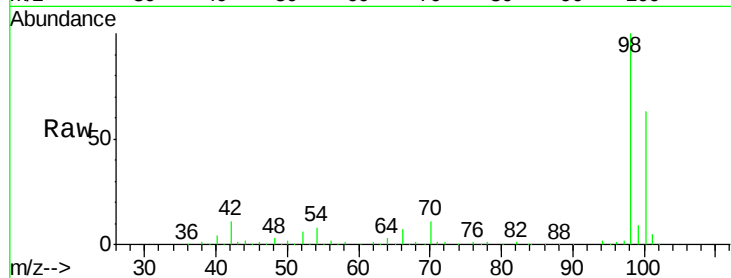
#63
Toluene-d8
Concen: 30.96 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Instrument :
MSVOA_X
ClientSampleId :
MDL01 2PPB

Tot Ion: 98 Resp: 116113
Ion Ratio Lower Upper
98 100
100 63.4 50.0 75.0

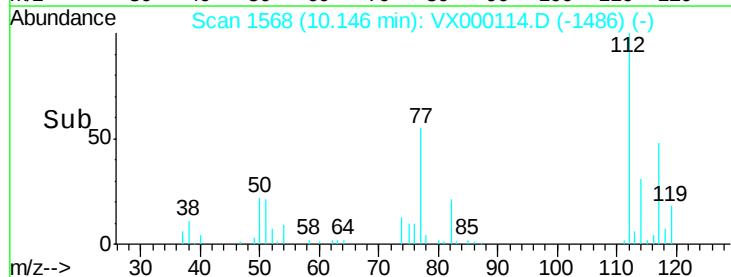
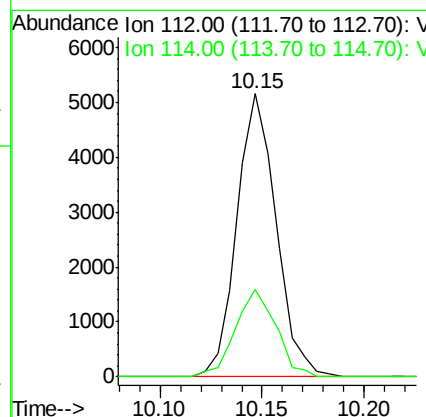
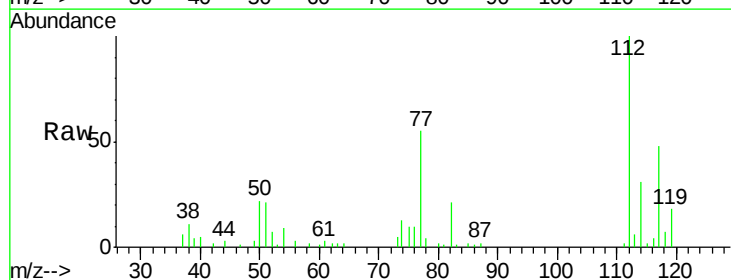
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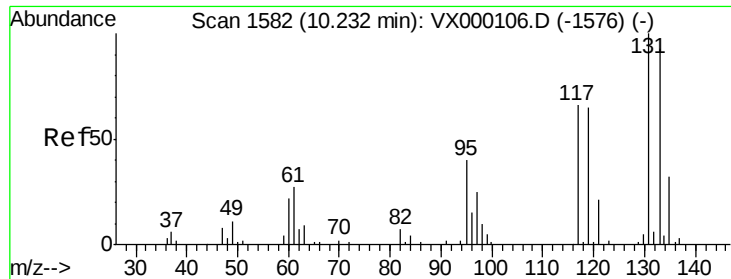
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#64
Chlorobenzene
Concen: 2.23 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Tgt Ion: 112 Resp: 6870
Ion Ratio Lower Upper
112 100
114 30.8 26.4 39.6





#65

1,1,1,2-Tetrachloroethane

Concen: 2.00 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Instrument :

MSVOA_X

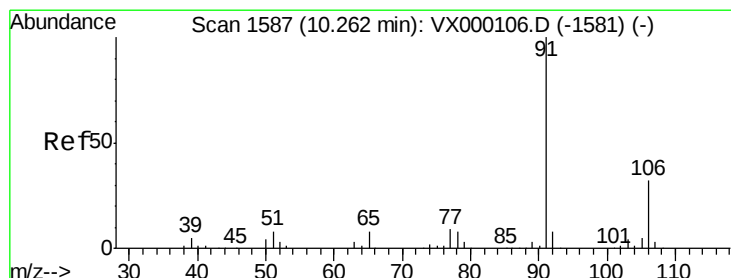
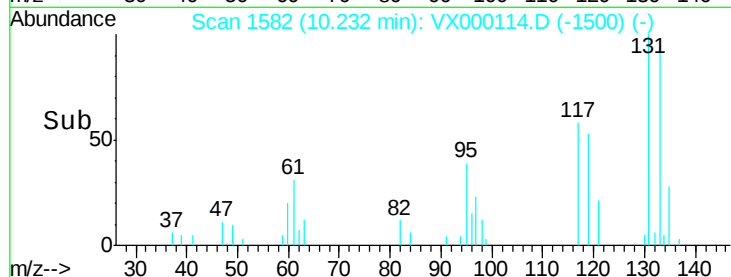
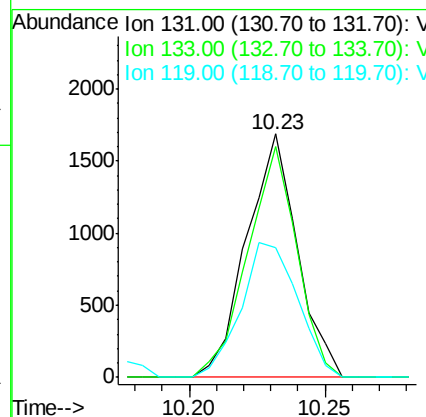
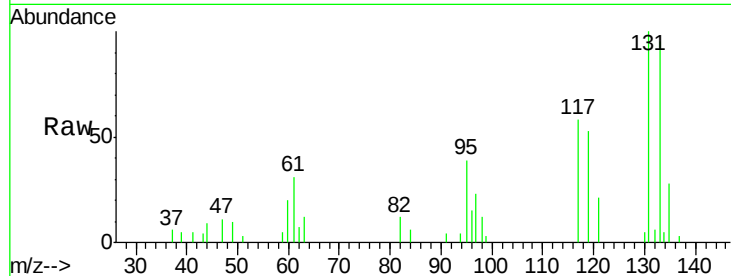
ClientSampled :

MDL01 2PPB

Tot Ion:	131	Resp:	2179
Ion	Ratio	Lower	Upper
131	100		
133	92.1	0.0	187.6
119	62.0	0.0	134.0

Manual Integrations
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#66

Ethyl Benzene

Concen: 2.14 ug/l

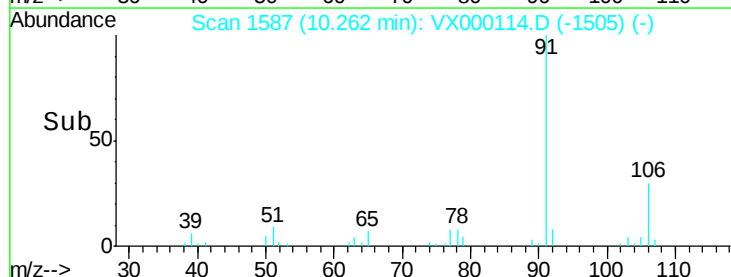
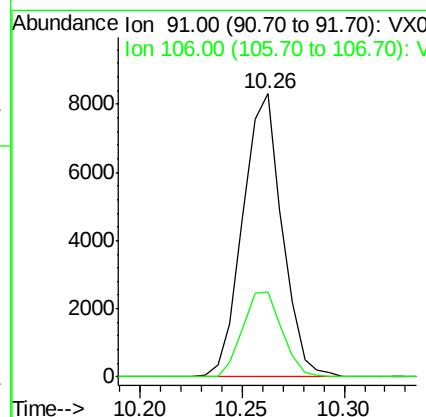
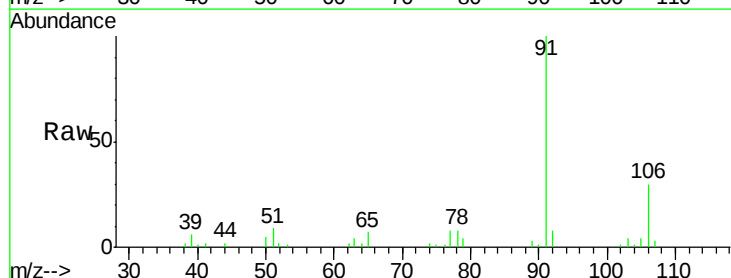
RT: 10.26 min Scan# 1587

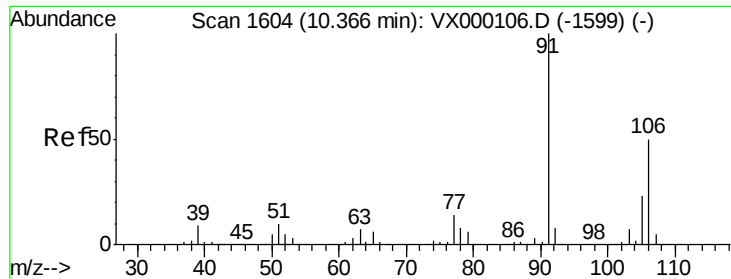
Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Tgt Ion:	91	Resp:	11137
Ion	Ratio	Lower	Upper
91	100		
106	30.0	25.9	38.9





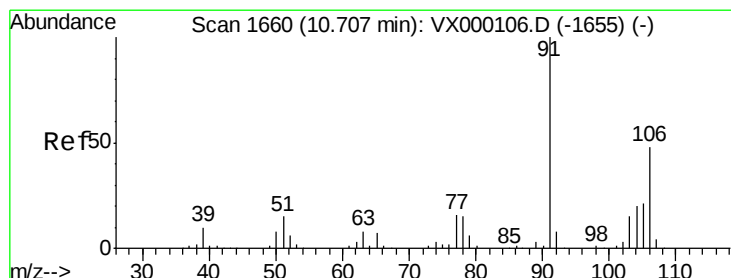
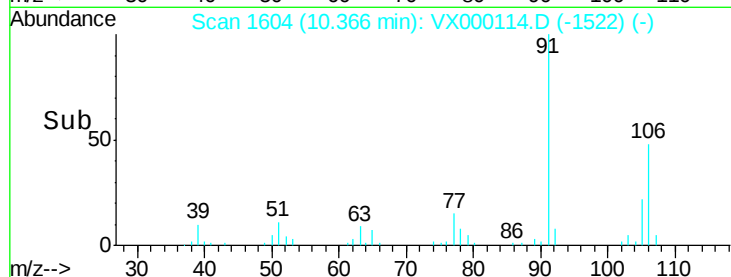
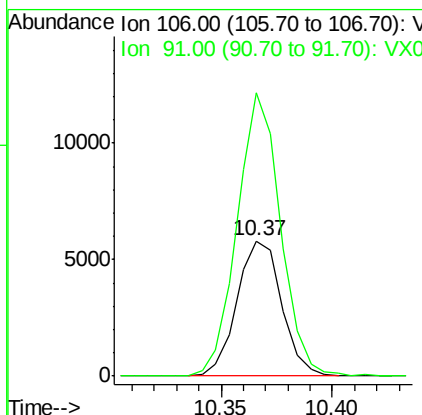
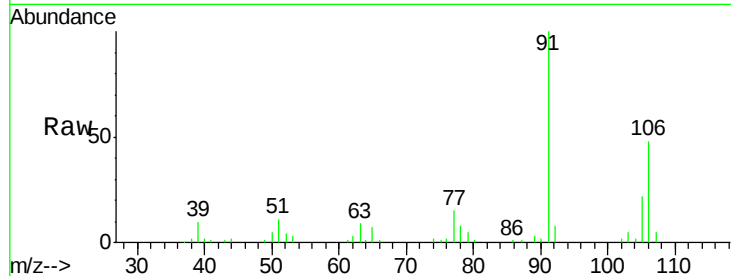
#67
m/p-Xvlenes
Concen: 3.99 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Instrument :
MSVOA_X
ClientSampled :
MDL01 2PPB

Tot Ion:106 Resp: 8125
Ion Ratio Lower Upper
106 100
91 202.5 161.6 242.4

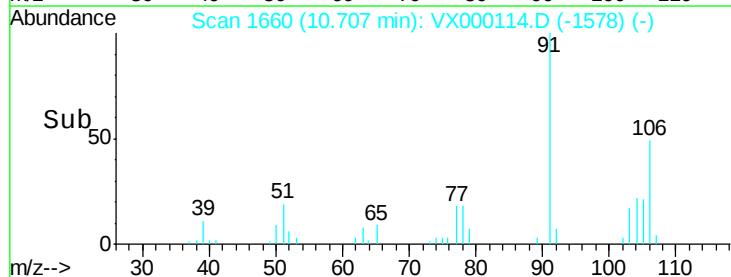
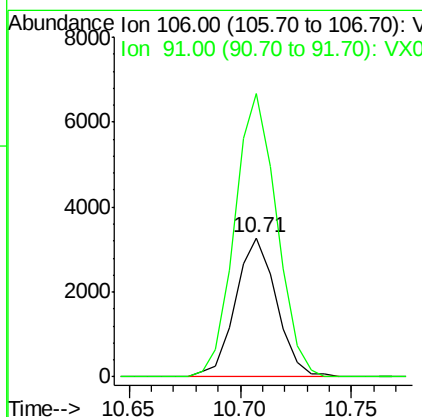
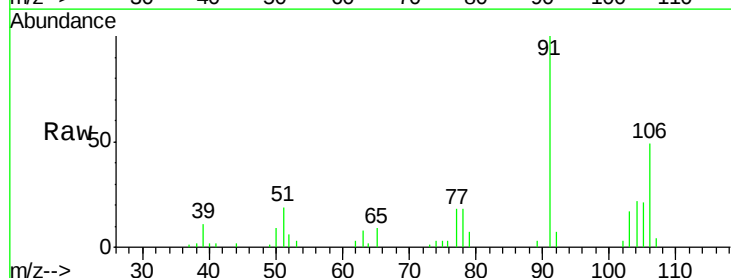
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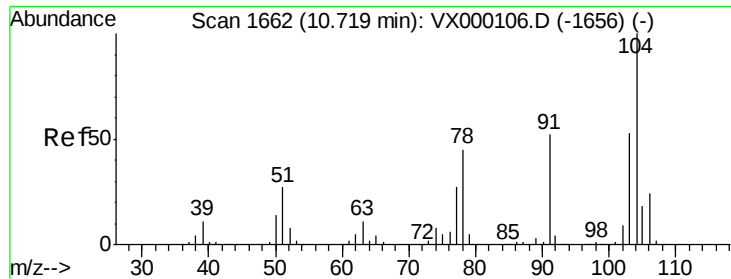
apatel
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#68
o-Xylene
Concen: 2.13 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Tgt Ion:106 Resp: 4224
Ion Ratio Lower Upper
106 100
91 208.1 105.6 316.8





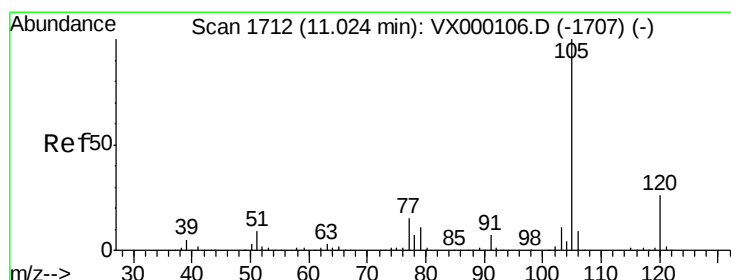
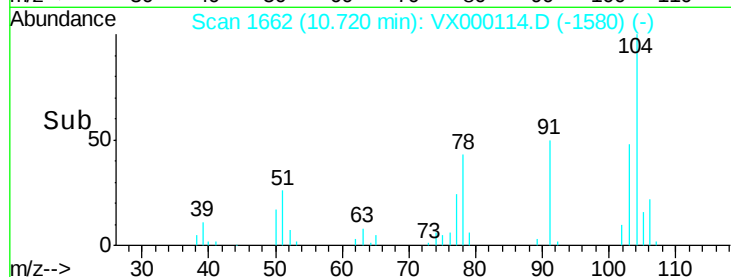
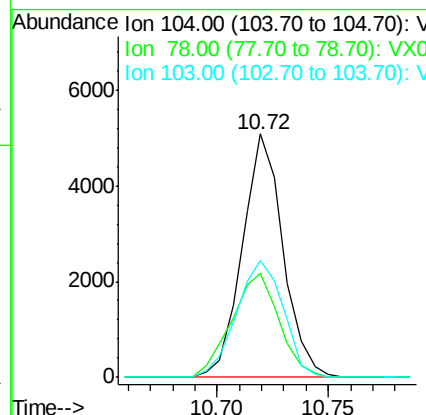
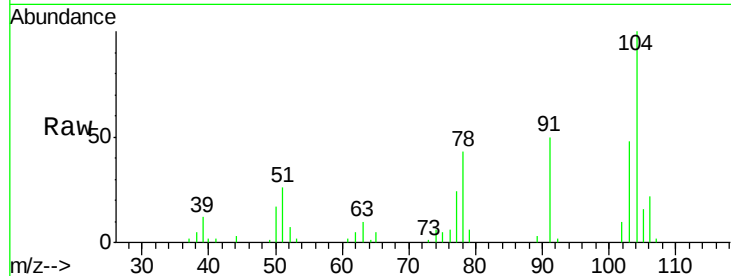
#69
Stvrene
Concen: 1.97 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Instrument :
MSVOA_X
ClientSampleId :
MDL01 2PPB

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.6	39.0	58.4
103	55.0	44.7	67.1

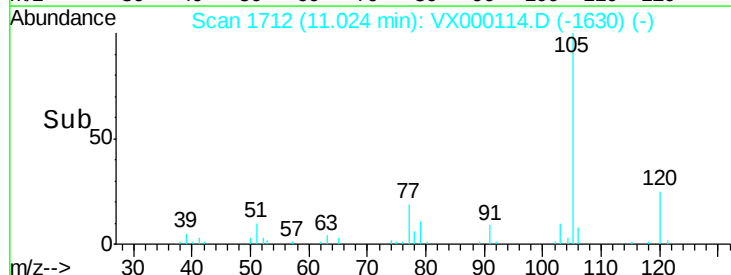
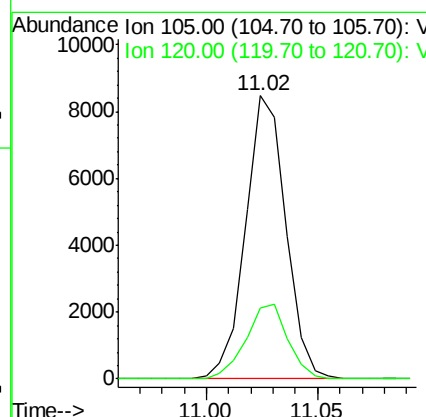
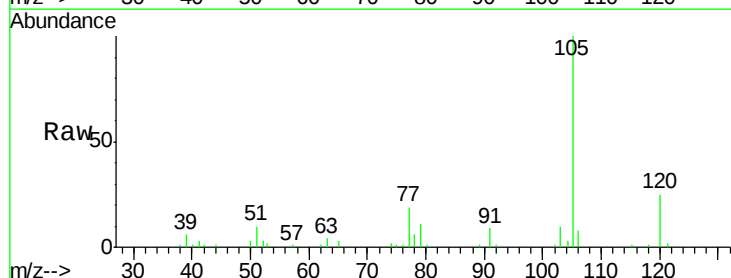
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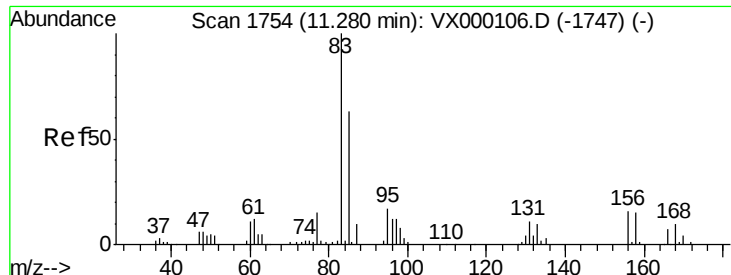
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#70
Isopropylbenzene
Concen: 2.00 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.8	18.8	35.0





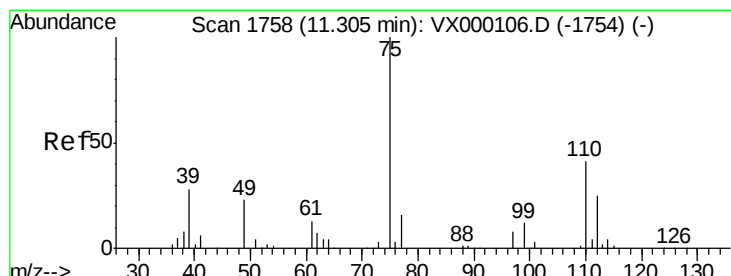
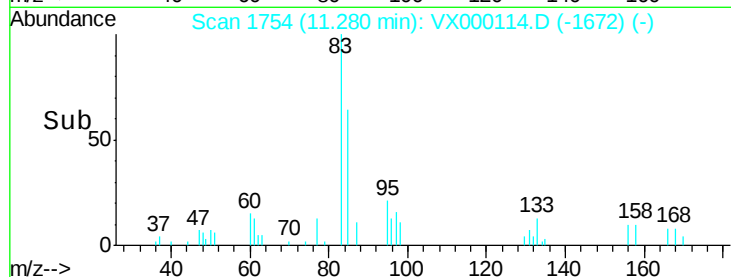
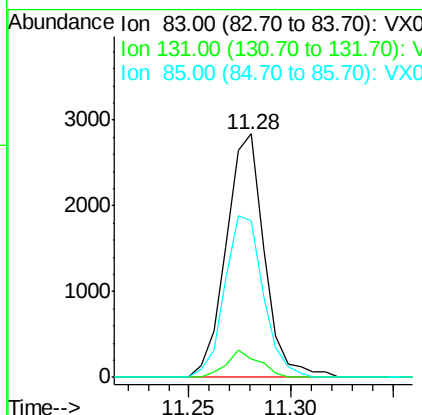
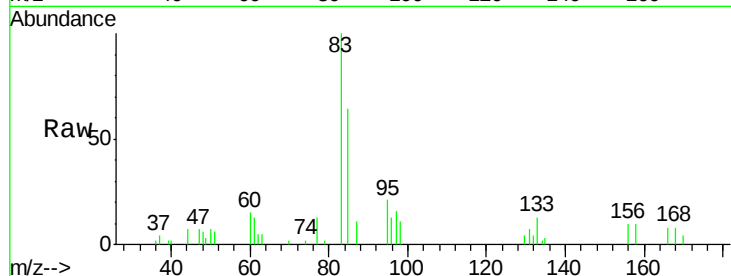
#71
 1,1,2,2-Tetrachloroethane
 Concen: 1.99 ug/l
 RT: 11.28 min Scan# 1754
 Delta R.T. 0.00 min
 Lab File: VX000114.D
 Acq: 20 Feb 2018 18:21

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01 2PPB

Tot Ion	83	Resp	3668
Ion Ratio	100	Lower	Upper
83	100		
131	9.6	5.3	16.1
85	67.1	32.5	97.5

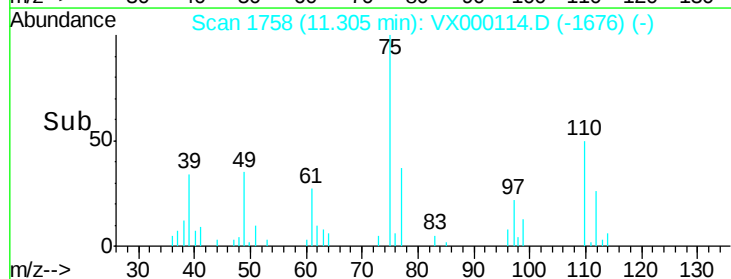
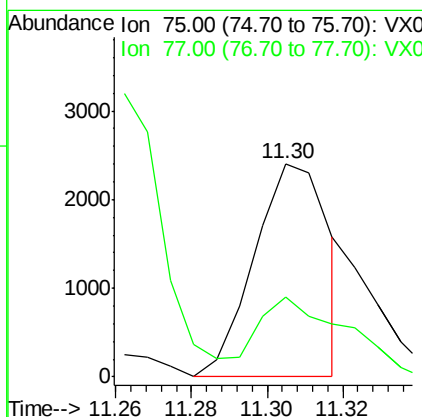
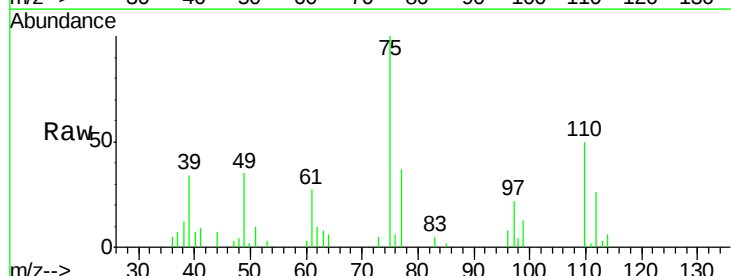
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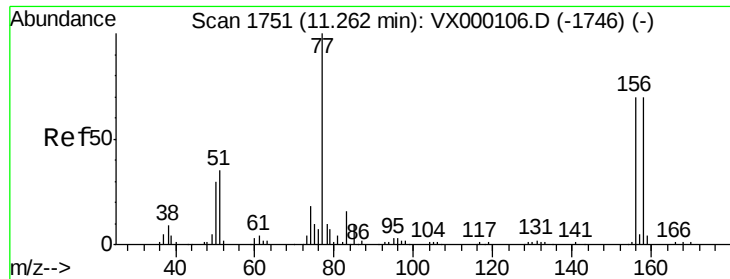
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#72
 1,2,3-Trichloropropane
 Concen: 1.99 ug/l m
 RT: 11.30 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VX000114.D
 Acq: 20 Feb 2018 18:21

Tgt Ion	75	Resp	3286
Ion Ratio	100	Lower	Upper
75	100		
77	45.5	0.0	85.8





#73

Bromobenzene

Concen: 2.15 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.01 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Instrument :

MSVOA_X

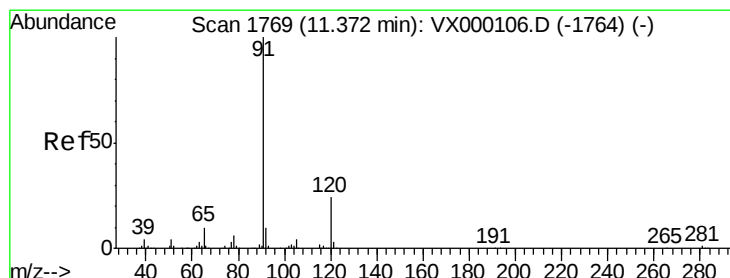
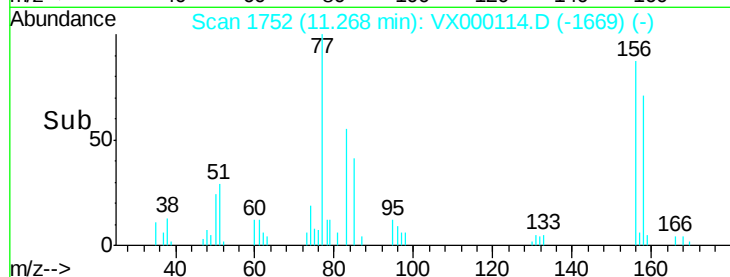
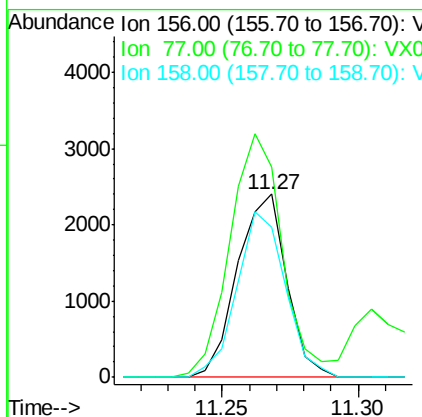
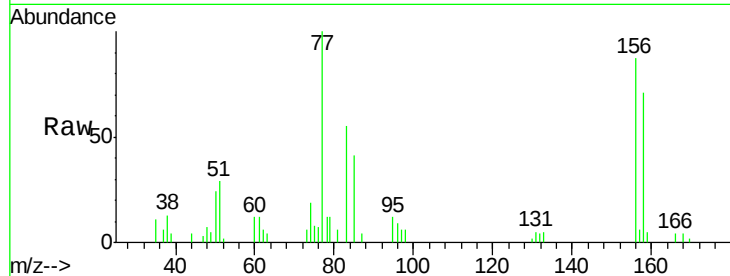
ClientSampleId :

MDL01 2PPB

Tot Ion	Ratio	Lower	Upper
156	100		
77	140.8	0.0	280.2
158	89.4	0.0	197.2

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#74

n-propylbenzene

Concen: 2.07 ug/l

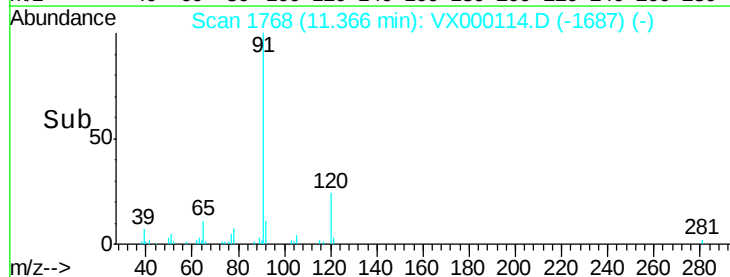
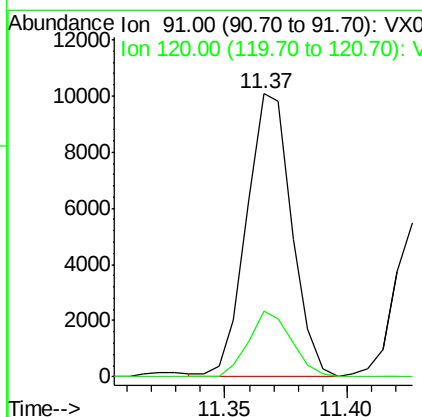
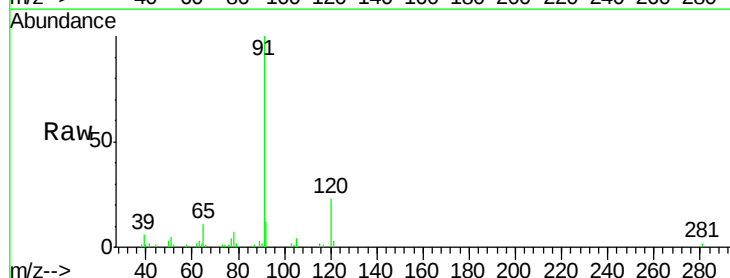
RT: 11.37 min Scan# 1768

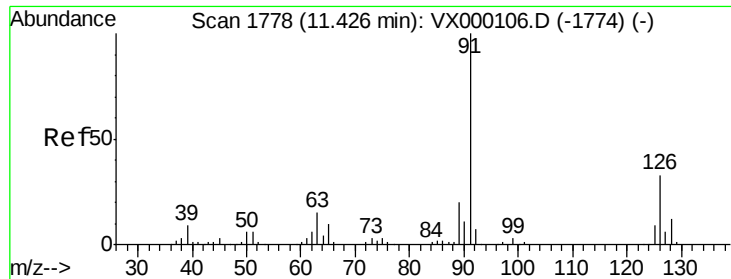
Delta R.T. -0.01 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.8	0.0	47.4





#75

2-Chlorotoluene

Concen: 2.05 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Instrument :

MSVOA_X

ClientSampled :

MDL01 2PPB

Tot Ion: 91 Resp: 7409

Ion Ratio Lower Upper

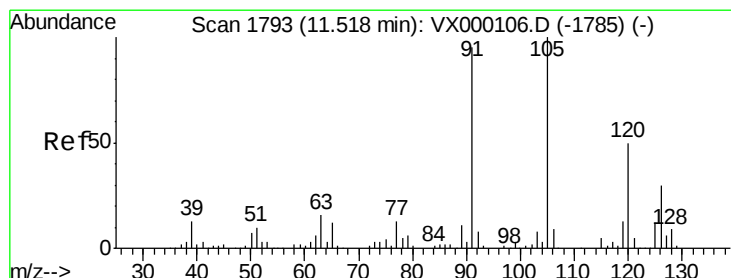
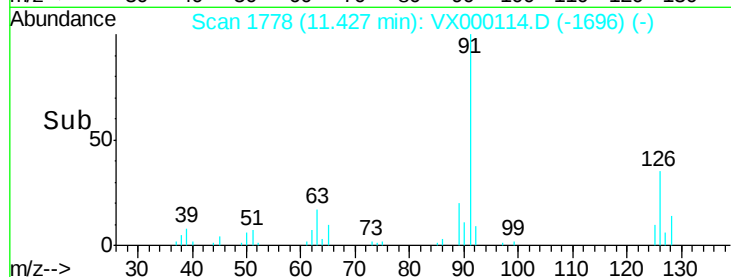
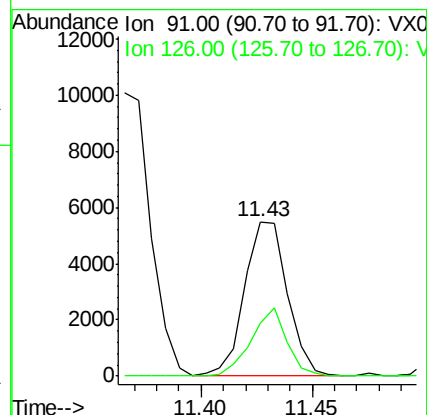
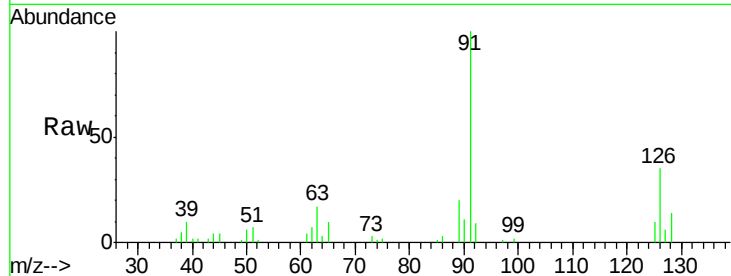
91 100

126 37.0 0.0 71.4

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#76

1,3,5-Trimethylbenzene

Concen: 1.99 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000114.D

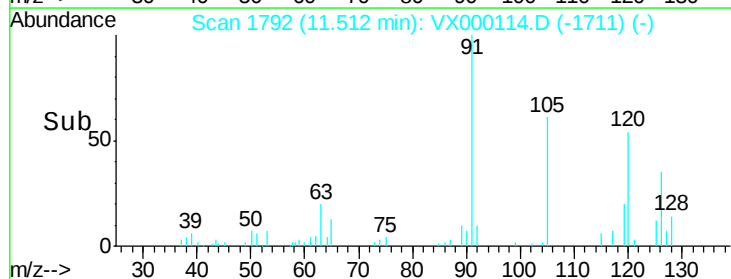
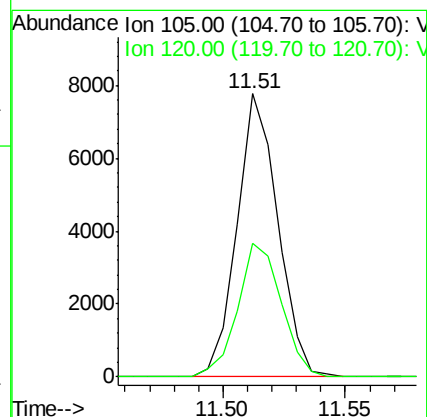
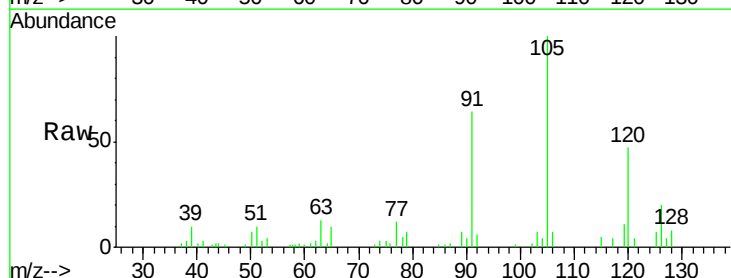
Acq: 20 Feb 2018 18:21

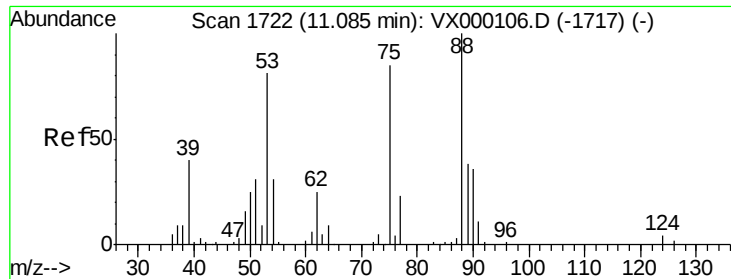
Tgt Ion: 105 Resp: 9031

Ion Ratio Lower Upper

105 100

120 50.4 0.0 63.8





#77

t-1,4-Dichloro-2-butene

Concen: 1.73 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Instrument :

MSVOA_X

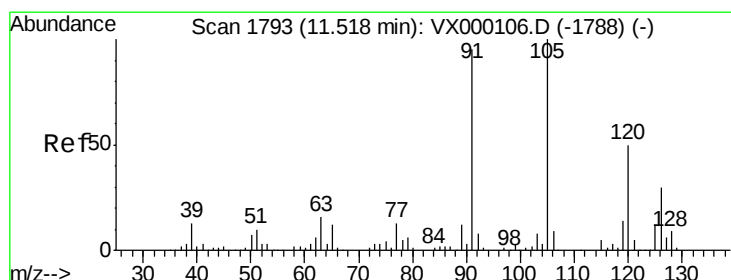
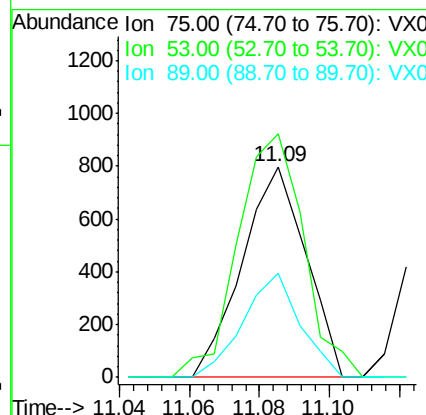
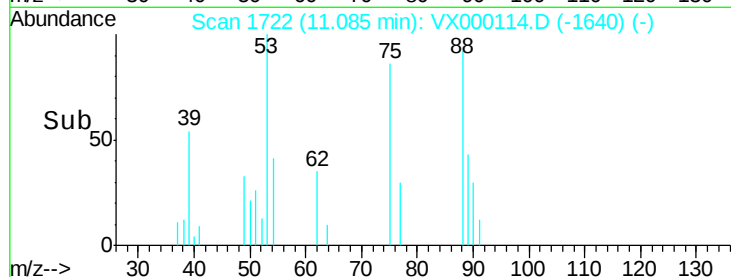
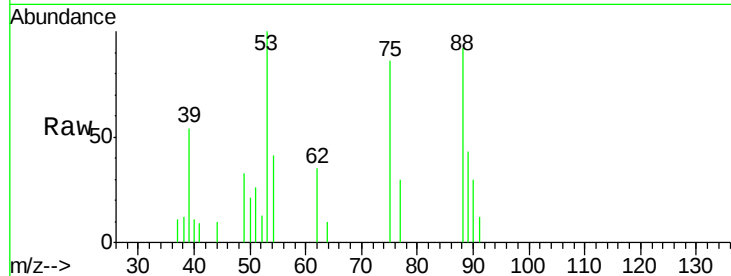
ClientSampleId :

MDL01 2PPB

Tot Ion:	75	Resp:	1011
Ion	Ratio	Lower	Upper
75	100		
53	106.5	47.8	143.3
89	49.6	22.3	66.8

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#78

4-Chlorotoluene

Concen: 2.03 ug/l

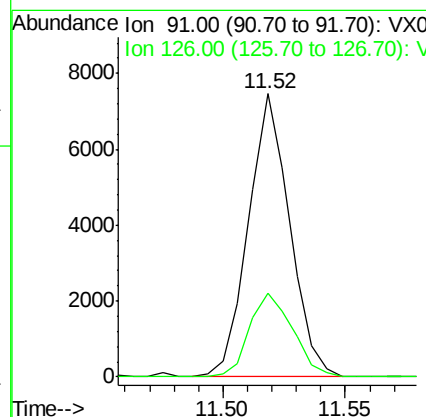
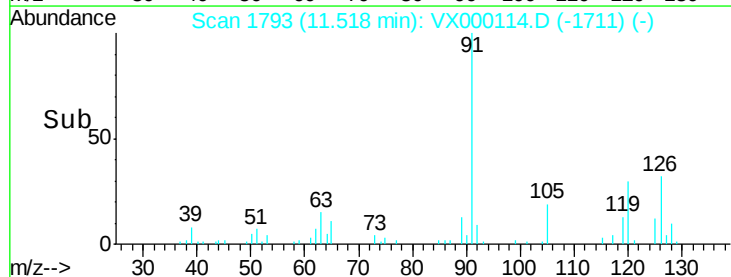
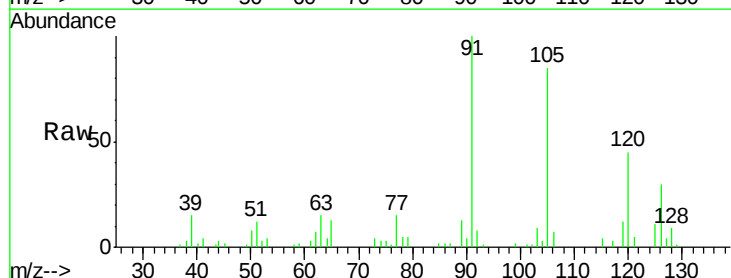
RT: 11.52 min Scan# 1793

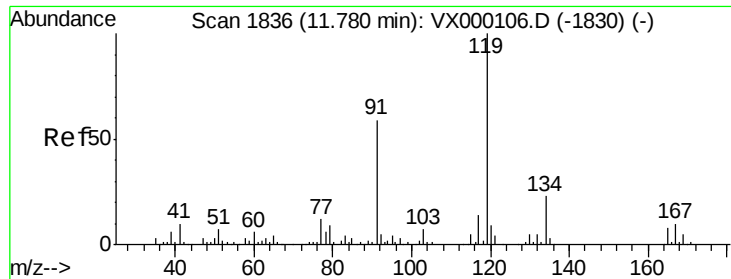
Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Tgt Ion:	91	Resp:	8781
Ion	Ratio	Lower	Upper
91	100		
126	31.0	0.0	63.4





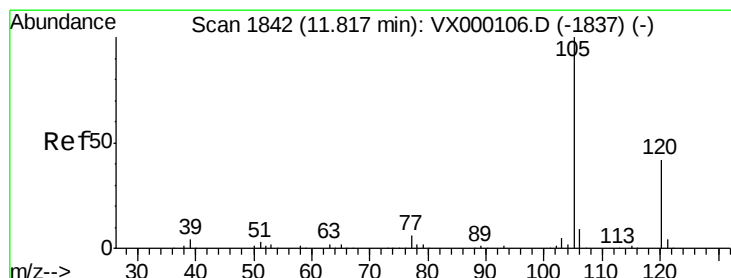
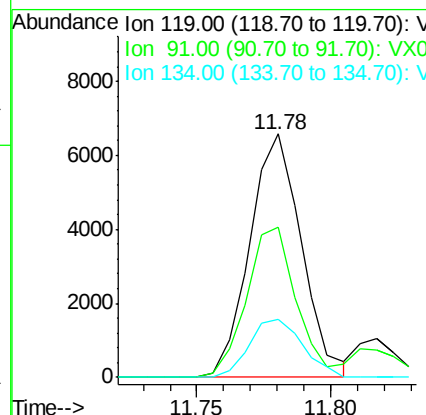
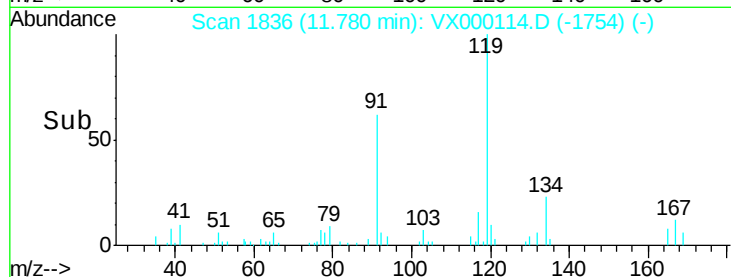
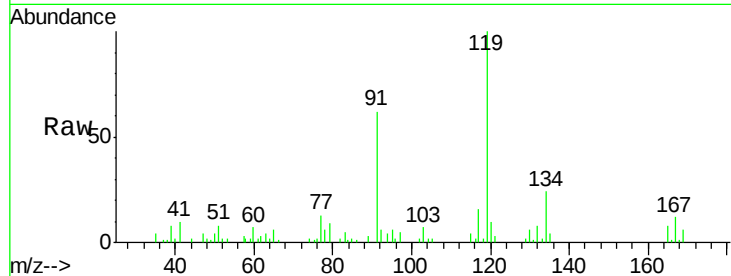
#79
tert-butylbenzene
Concen: 1.95 ug/l m
RT: 11.78 min Scan# 1836
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Instrument :
MSVOA_X
ClientSampleId :
MDL01 2PPB

Tot Ion	Ratio	Resp	Lower	Upper
119	100	8786		
91	27.5	0.0	51.6	
134	30.5	0.0	60.2	

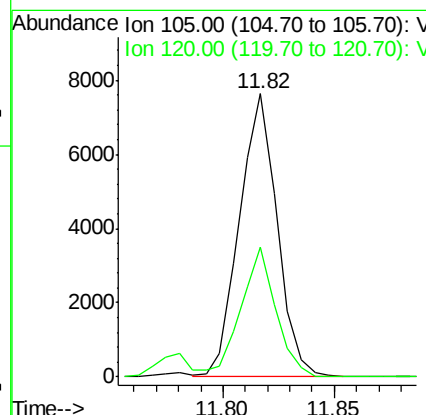
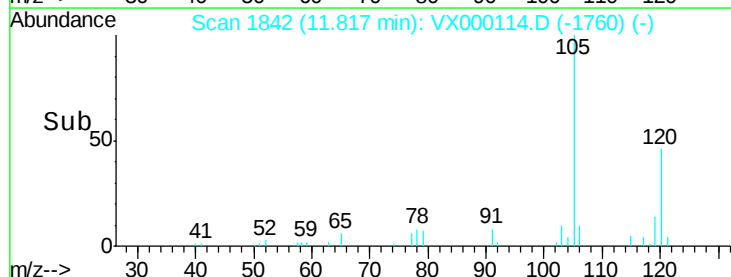
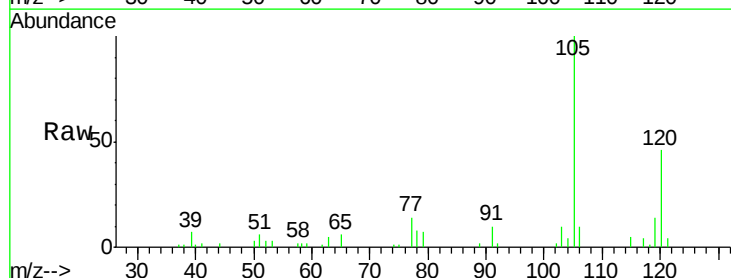
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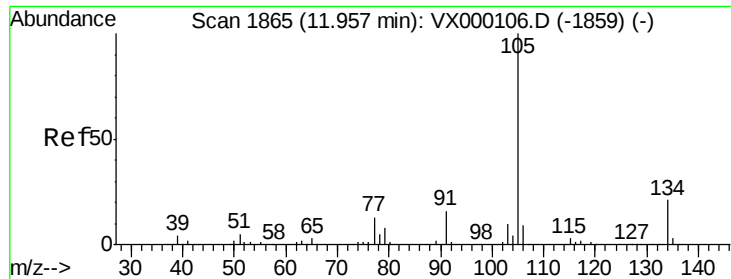
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#80
1,2,4-Trimethylbenzene
Concen: 1.95 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	9032		
120	42.2	0.0	93.0	





#81

sec-Butylbenzene

Concen: 2.04 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

Instrument :

MSVOA_X

ClientSampled :

MDL01 2PPB

Tot Ion:105 Resp: 11378

Ion Ratio Lower Upper

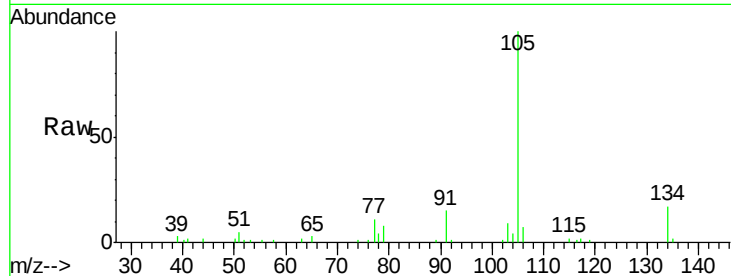
105 100

134 18.9 0.0 41.8

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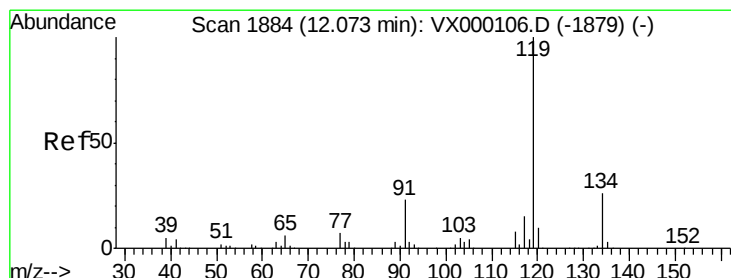
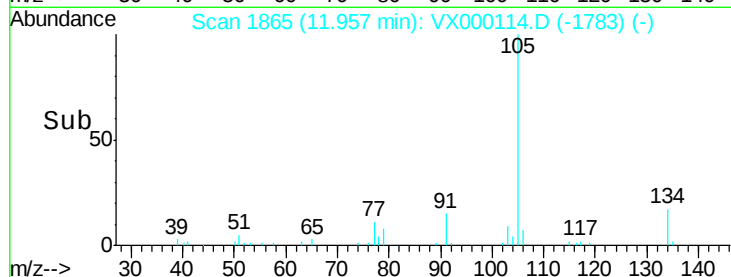
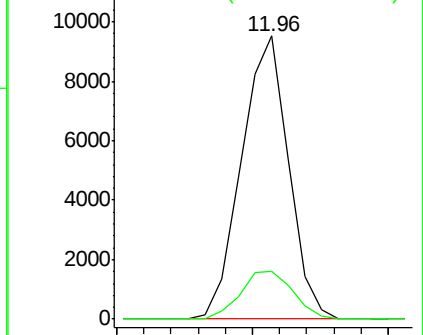
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 1.95 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000114.D

Acq: 20 Feb 2018 18:21

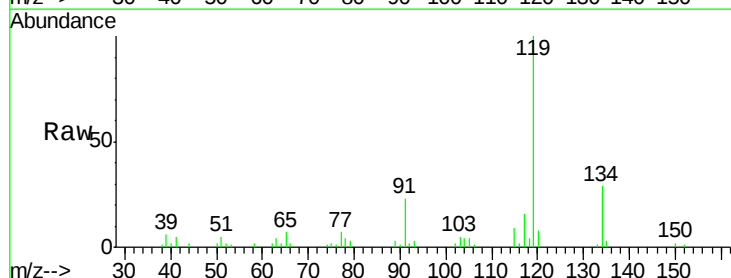
Tgt Ion:119 Resp: 9705

Ion Ratio Lower Upper

119 100

134 27.6 0.0 54.4

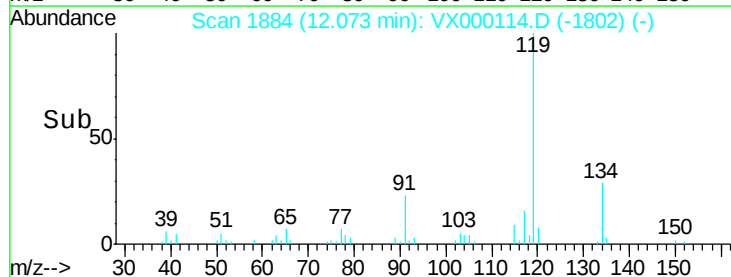
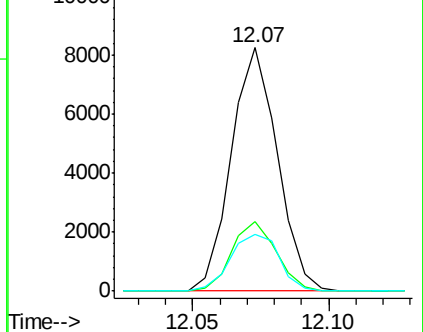
91 24.9 0.0 46.6

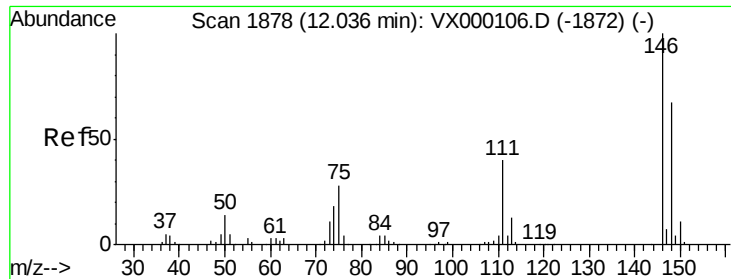


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





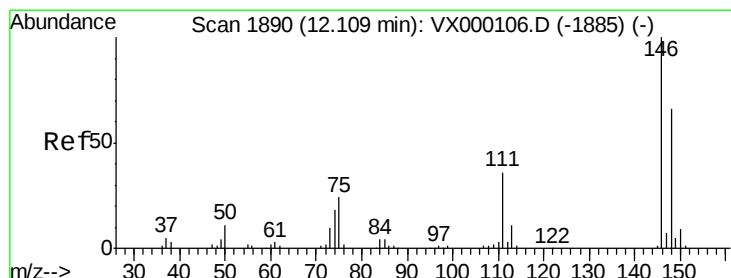
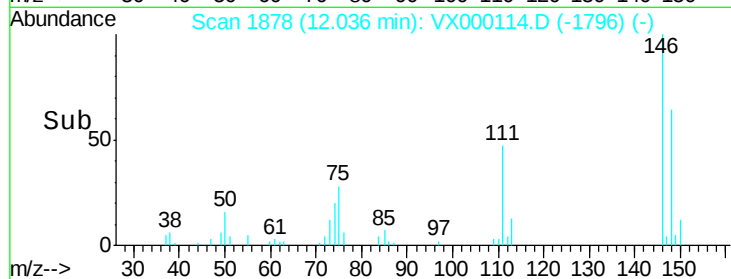
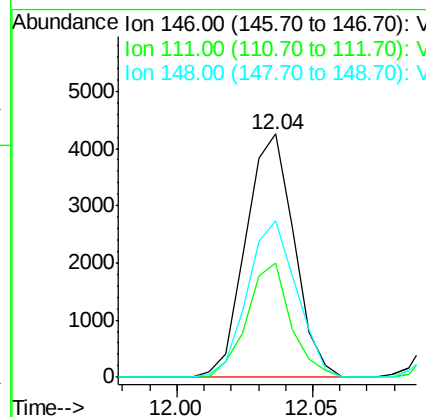
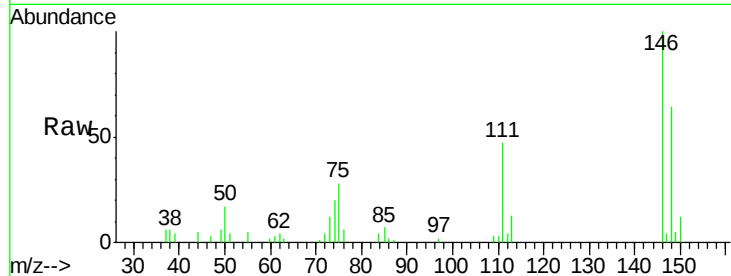
#83
 1,3-Dichlorobenzene
 Concen: 1.96 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000114.D
 Acq: 20 Feb 2018 18:21

Instrument :
 MSVOA_X
 ClientSampled :
 MDL01 2PPB

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	19.4	58.2
148	65.3	32.6	97.7

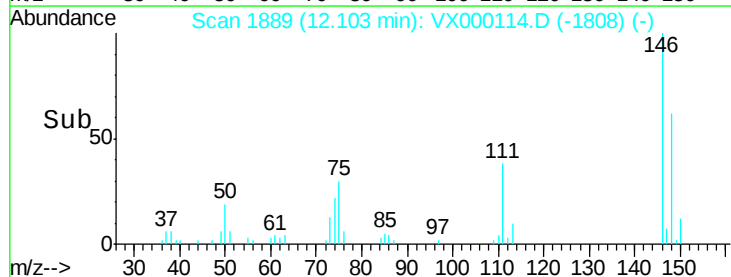
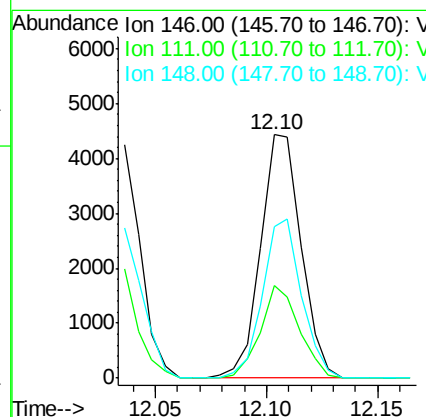
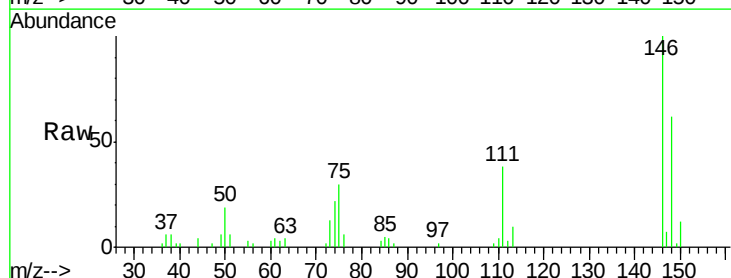
Manual Integrations
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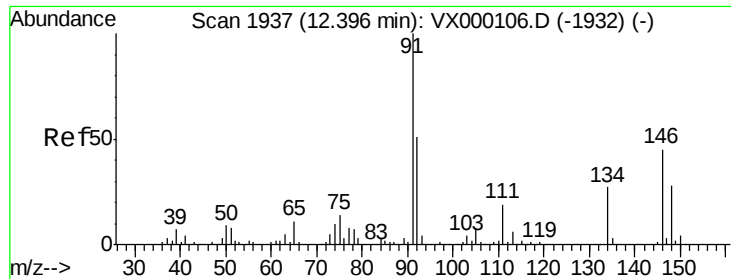
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#84
 1,4-Dichlorobenzene
 Concen: 2.02 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000114.D
 Acq: 20 Feb 2018 18:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.4	55.0
148	63.1	31.9	95.7





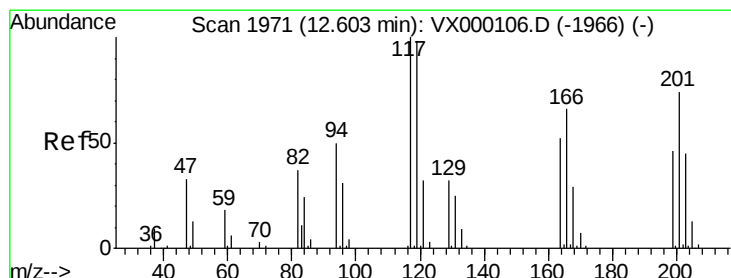
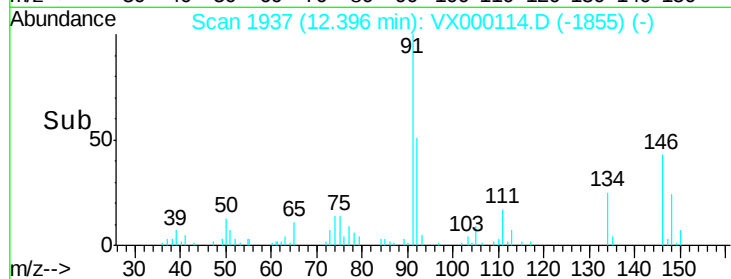
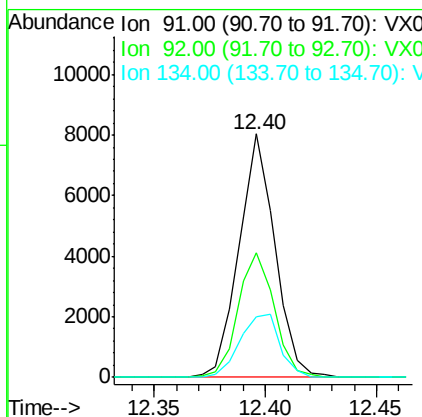
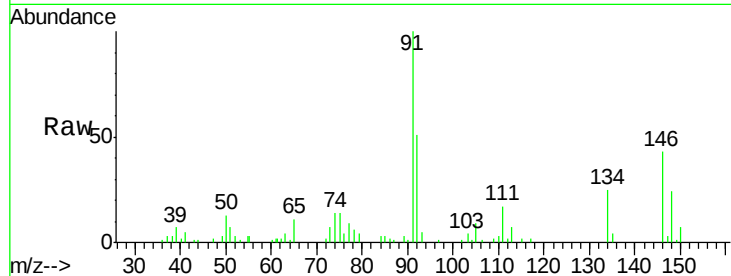
#85
n-Butylbenzene
Concen: 1.94 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Instrument :
MSVOA_X
ClientSampled :
MDL01 2PPB

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	0.0	102.0
134	28.5	0.0	54.2

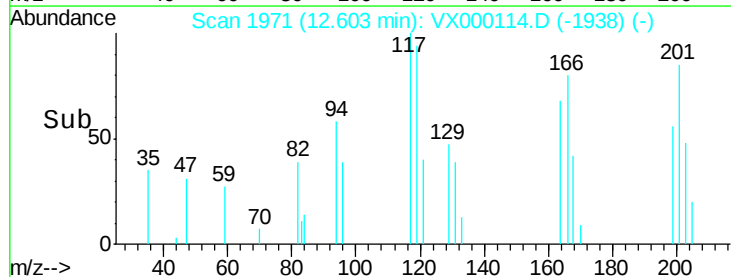
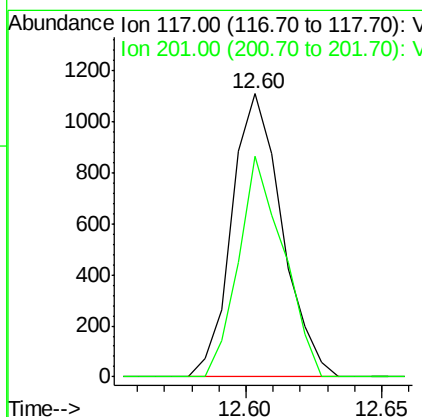
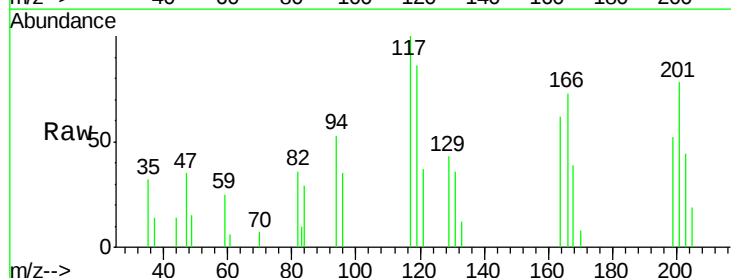
Manual Integrations
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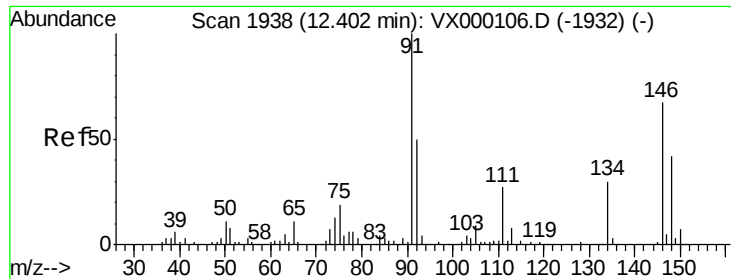
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#86
Hexachloroethane
Concen: 1.70 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.8	38.9	116.6





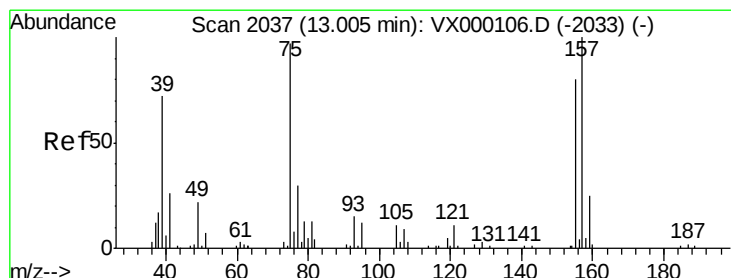
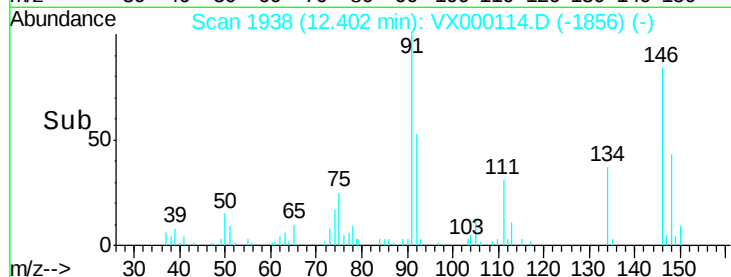
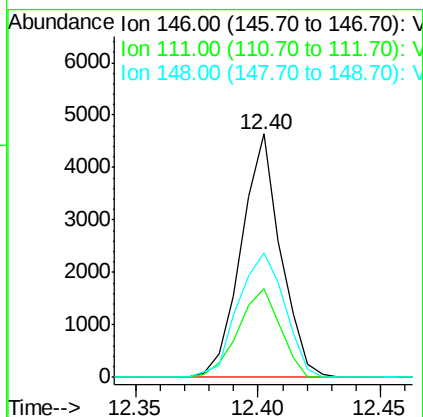
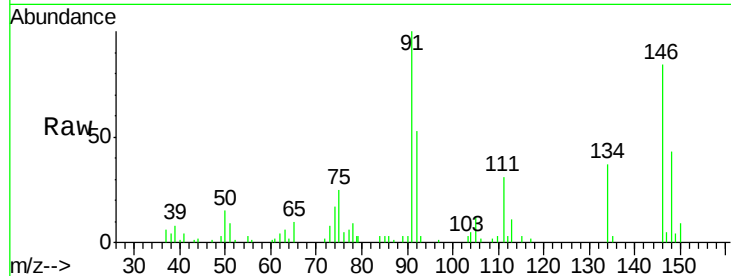
#87
 1,2-Dichlorobenzene
 Concen: 1.97 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000114.D
 Acq: 20 Feb 2018 18:21

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01 2PPB

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	20.0	60.0
148	60.5	31.6	95.0

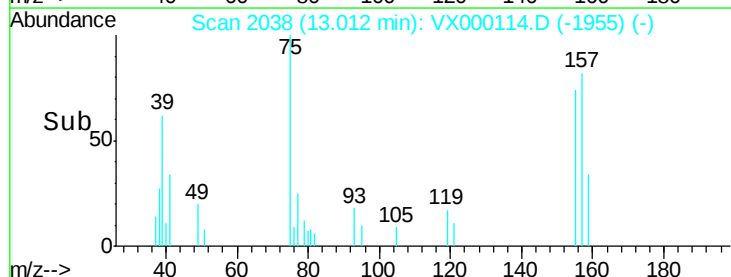
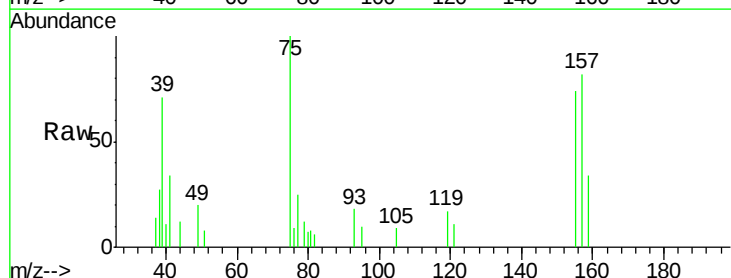
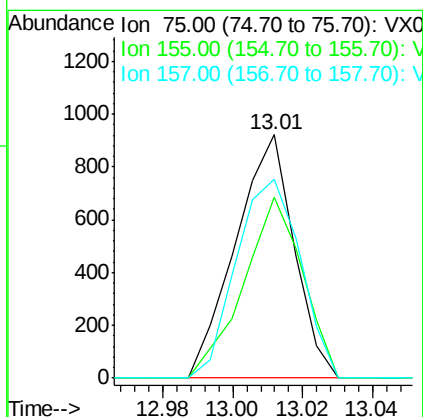
Manual Integrations
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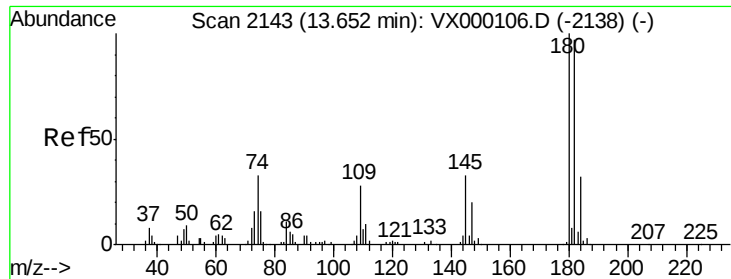
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 2.07 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: VX000114.D
 Acq: 20 Feb 2018 18:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.0	75.1	112.7#
157	89.4	99.0	148.4#





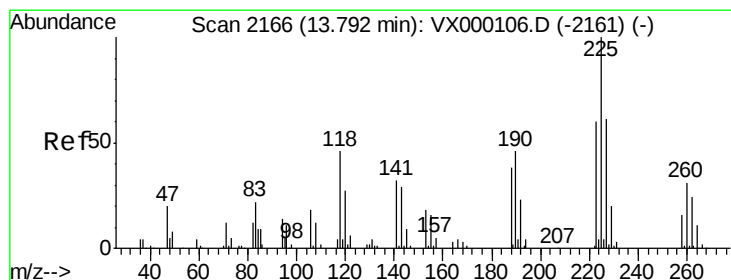
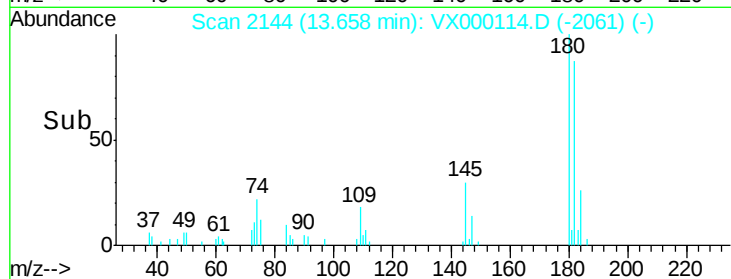
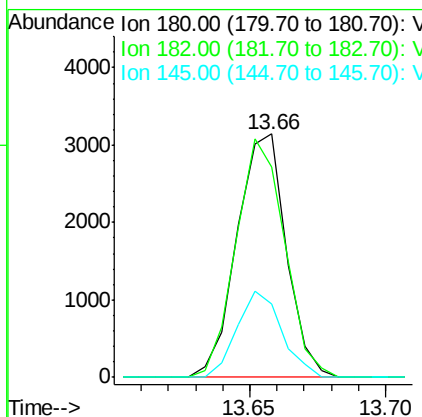
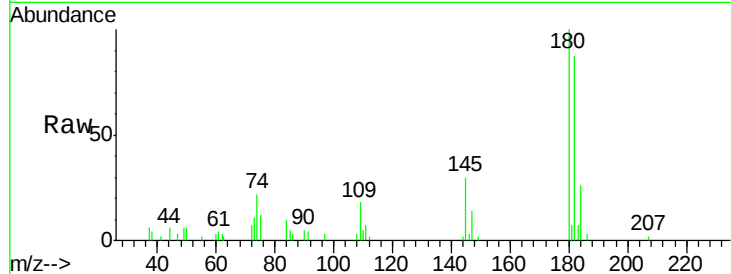
#89
 1,2,4-Trichlorobenzene
 Concen: 2.03 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. 0.01 min
 Lab File: VX000114.D
 Acq: 20 Feb 2018 18:21

Instrument :
 MSVOA_X
 ClientSampled :
 MDL01 2PPB

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.3	114.5
145	32.1	24.6	37.0

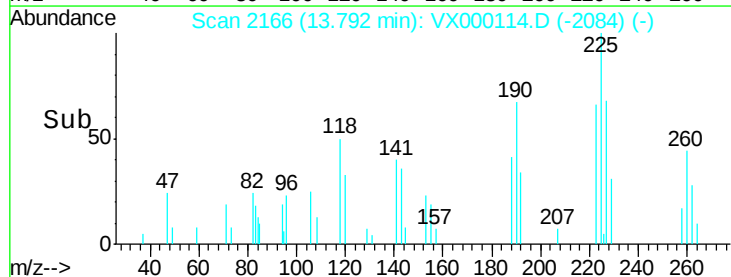
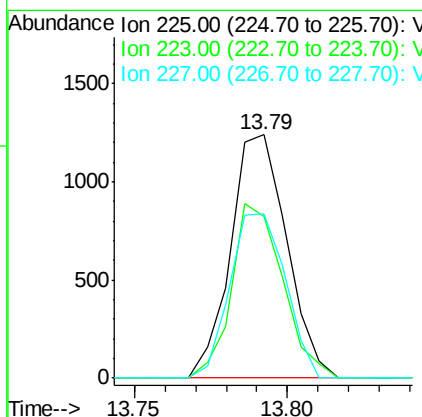
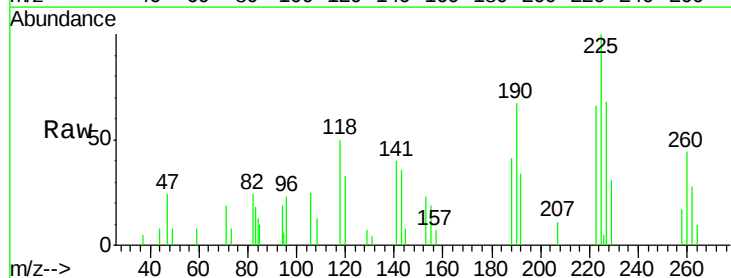
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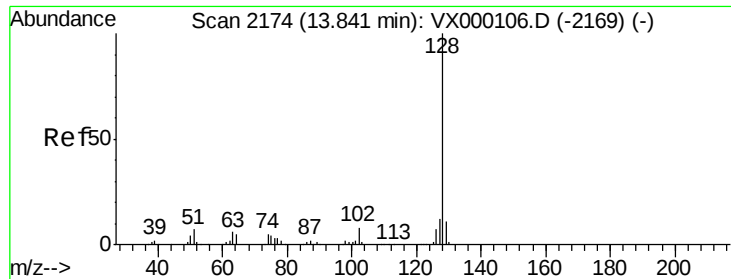
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#90
 Hexachlorobutadiene
 Concen: 1.88 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000114.D
 Acq: 20 Feb 2018 18:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.3	0.0	131.2
227	66.5	0.0	127.6





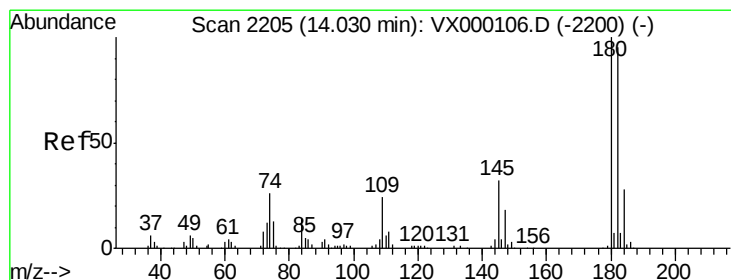
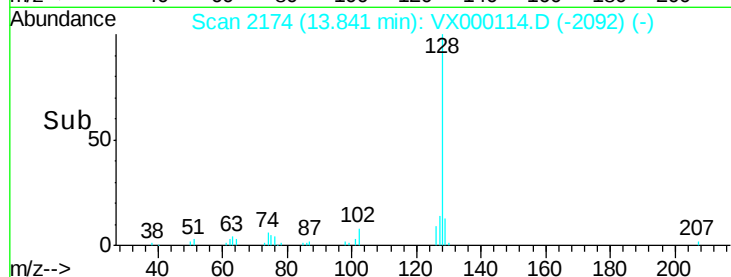
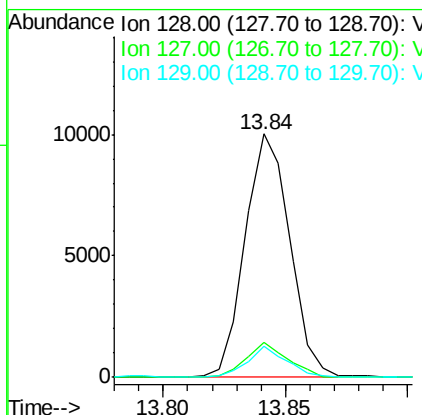
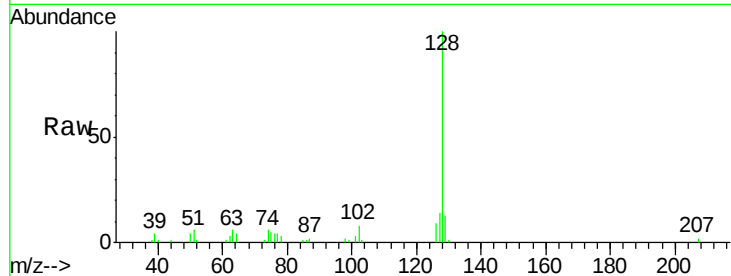
#91
Naphthalene
Concen: 1.88 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Instrument :
MSVOA_X
ClientSampleId :
MDL01 2PPB

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	11.2	9.0	13.6

Manual Integrations
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apatel
2/22/2018 4:04:49 PM



#92
1,2,3-Trichlorobenzene
Concen: 1.79 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000114.D
Acq: 20 Feb 2018 18:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.6	0.0	188.6
145	34.2	0.0	65.8

