

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022018\
 Data File : VX000108.D
 Acq On : 20 Feb 2018 14:43
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

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 2/22/2018 4:04:31 PM

Quant Time: Feb 21 06:08:44 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X022018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 21 05:38:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.04	128	18825	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	115299	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	111452	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.09	65	42013	29.09	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.97%
60) 4-Bromofluorobenzene	11.15	95	55304	30.49	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.63%
63) Toluene-d8	8.73	98	142097	29.72	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.07%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	103754	90.88	ug/l	99
3) Chloromethane	1.32	50	98712	83.33	ug/l	97
4) Vinyl Chloride	1.40	62	119521	85.94	ug/l	99
5) Bromomethane	1.64	94	102990	82.16	ug/l	98
6) Chloroethane	1.71	64	76488	87.37	ug/l	98
7) Trichlorofluoromethane	1.92	101	209615	88.21	ug/l	98
8) Diethyl Ether	2.20	74	76431	87.94	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	116995	89.02	ug/l	100
10) 1,1-Dichloroethene	2.37	96	111946	88.74	ug/l	99
11) Methyl Iodide	2.51	142	145641	143.70	ug/l	96
12) Methyl Acetate	2.79	43	195814	87.10	ug/l	97
13) Acrolein	2.30	56	130674	509.17	ug/l	99
14) Acrylonitrile	3.16	53	425239	435.48	ug/l	98
15) Acetone	2.46	58	131485	395.00	ug/l	94
16) Carbon Disulfide	2.57	76	319897	90.14	ug/l	98
17) Allyl chloride	2.73	41	188216	88.81	ug/l	96
18) Methylene Chloride	2.86	84	120089	89.31	ug/l	96
19) trans-1,2-Dichloroethene	3.17	96	123235	90.97	ug/l	96
20) Diisopropyl ether	3.88	45	326922	100.99	ug/l	98
21) 1,1-Dichloroethane	3.70	63	197564	85.79	ug/l	98
22) cis-1,2-Dichloroethene	4.61	96	116442	92.46	ug/l	98
23) tert-Butyl Alcohol	3.10	59	227388	400.34	ug/l	100
24) Methyl tert-Butyl Ether	3.22	73	396723	92.02	ug/l	100
25) Chloroform	5.23	83	210199	96.39	ug/l	99
26) Cyclohexane	5.59	56	159082	92.62	ug/l #	97
29) 1,1-Dichloropropene	5.81	75	153782	92.53	ug/l	99
30) 2-Butanone	4.73	43	552347	415.99	ug/l	100
31) 2,2-Dichloropropane	4.59	77	164699	91.89	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	194909	96.42	ug/l	98
33) Carbon Tetrachloride	5.79	117	176903	99.08	ug/l	95
34) Benzene	6.15	78	451539	92.97	ug/l	94
35) Methacrylonitrile	5.08	41	104565	88.34	ug/l	87
36) 1,2-Dichloroethane	6.21	62	167090	91.16	ug/l	99
37) Trichloroethene	7.23	130	133530	92.50	ug/l	99
38) Methylcyclohexane	7.47	83	187186	95.62	ug/l	97
39) 1,2-Dichloropropane	7.53	63	110259	89.85	ug/l	99
40) Dibromomethane	7.67	93	89542	97.09	ug/l	99

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Quant Time: Feb 21 06:08:44 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X022018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.91	83	170107	95.61	ug/l	98
42) Vinyl Acetate	3.84	43	1528705	478.85	ug/l	99
43) Ethyl Acetate	4.88	43	202456	87.25	ug/l	100
44) Isopropyl Acetate	6.49	43	311760	94.07	ug/l	100
45) 1,4-Dioxane	7.77	88	77641	1892.12	ug/l	96
46) Methyl methacrylate	7.79	41	151690	93.76	ug/l	99
47) n-amyl Acetate	10.91	43	296496	104.12	ug/l	97
48) t-1,3-Dichloropropene	8.45	75	199623	95.57	ug/l	98
49) cis-1,3-Dichloropropene	9.05	75	199711	98.97	ug/l	97
50) 1,1,2-Trichloroethane	9.23	97	132470	99.56	ug/l	99
51) Ethyl methacrylate	9.19	69	206693	101.96	ug/l	98
52) 1,3-Dichloropropane	9.38	76	207095	93.63	ug/l	99
53) Dibromochloromethane	9.59	129	158996	105.45	ug/l	98
54) 1,2-Dibromoethane	9.68	107	149432	98.56	ug/l	99
55) 2-Chloroethyl vinyl ether	8.33	63	464501	449.39	ug/l	99
56) Bromoform	10.87	173	139988	116.90	ug/l	99
58) 4-Methyl-2-Pentanone	8.66	43	1135674	452.28	ug/l	97
59) 2-Hexanone	9.51	43	952996	445.68	ug/l	98
61) Tetrachloroethene	9.35	164	131028	96.68	ug/l	95
62) Toluene	8.79	91	547490	93.46	ug/l	99
64) Chlorobenzene	10.15	112	372067	95.24	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.23	131	138117	99.16	ug/l	97
66) Ethyl Benzene	10.26	91	618475	91.92	ug/l	100
67) m/p-Xylenes	10.37	106	500654	193.98	ug/l	97
68) o-Xylene	10.71	106	243377	95.53	ug/l	96
69) Styrene	10.72	104	415404	98.69	ug/l	99
70) Isopropylbenzene	11.03	105	648303	94.27	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.28	83	233005	98.23	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	195360m	89.65	ug/l	
73) Bromobenzene	11.27	156	179120	100.79	ug/l	96
74) n-propylbenzene	11.37	91	753917	93.58	ug/l	98
75) 2-Chlorotoluene	11.43	91	434998	92.41	ug/l	98
76) 1,3,5-Trimethylbenzene	11.52	105	555397	95.58	ug/l	68
77) t-1,4-Dichloro-2-butene	11.08	75	82226	108.12	ug/l	94
78) 4-Chlorotoluene	11.52	91	524472	94.51	ug/l	98
79) tert-butylbenzene	11.78	119	554118m	94.90	ug/l	
80) 1,2,4-Trimethylbenzene	11.82	105	570982	94.87	ug/l	100
81) sec-Butylbenzene	11.96	105	676106	93.56	ug/l	99
82) p-Isopropyltoluene	12.07	119	616483	95.43	ug/l	100
83) 1,3-Dichlorobenzene	12.04	146	339938	99.45	ug/l	98
84) 1,4-Dichlorobenzene	12.11	146	347108	98.63	ug/l	99
85) n-Butylbenzene	12.40	91	571488	94.62	ug/l	99
86) Hexachloroethane	12.60	117	108853	102.88	ug/l	94
87) 1,2-Dichlorobenzene	12.40	146	337346	98.36	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.01	75	62294	94.41	ug/l	92
89) 1,2,4-Trichlorobenzene	13.66	180	251171	102.28	ug/l	99
90) Hexachlorobutadiene	13.79	225	108179	105.77	ug/l	98
91) Naphthalene	13.85	128	857362	97.38	ug/l	100
92) 1,2,3-Trichlorobenzene	14.03	180	247820	99.11	ug/l	98

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MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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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

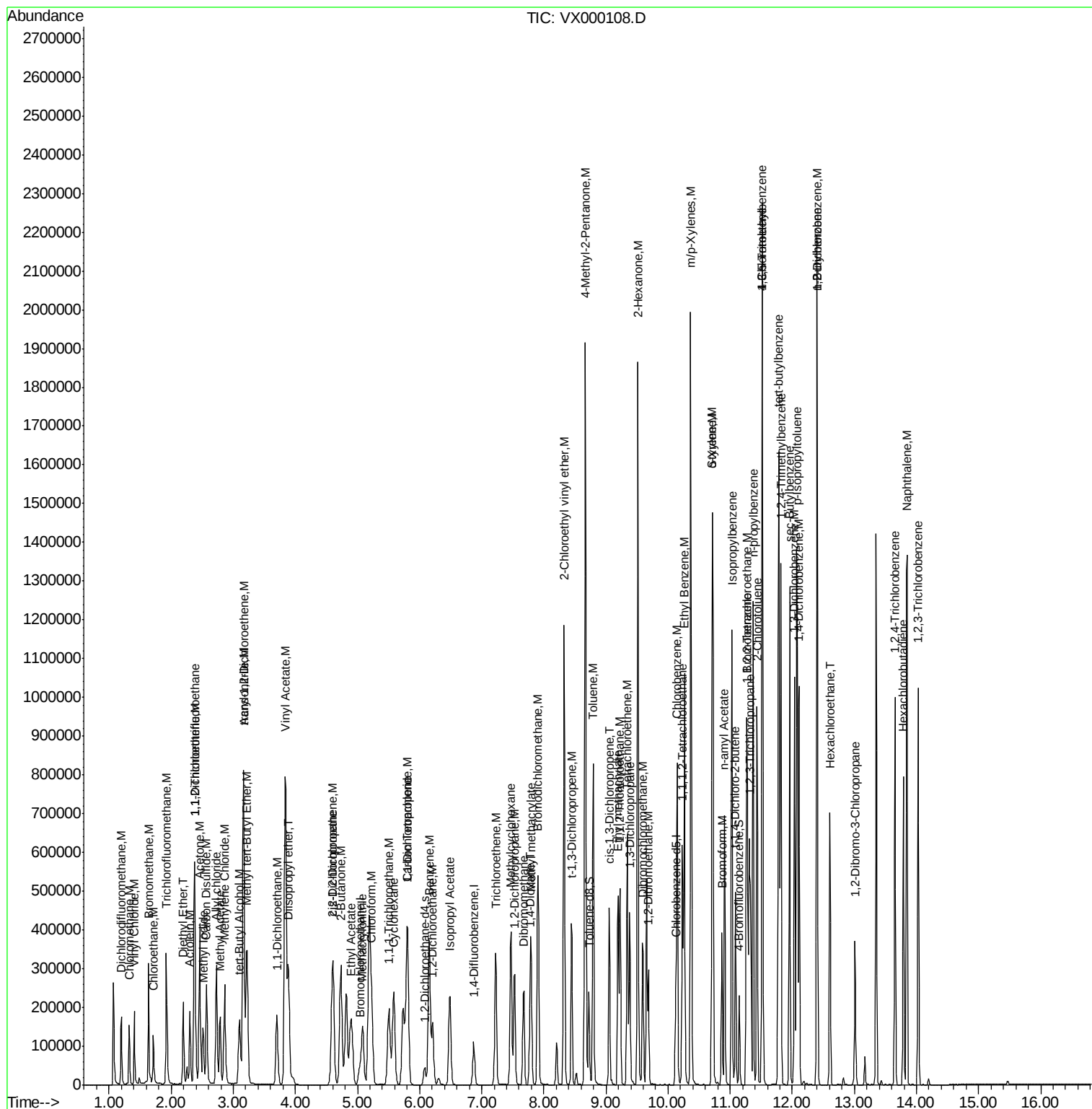
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Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022018\  
Data File : VX000108.D  
Acq On    : 20 Feb 2018   14:43  
Operator  : JC/MD  
Sample    : VSTDICC100  
Misc      : 5.0mL/MSVOA X/WATER  
ALS Vial  : 6      Sample Multiplier: 1
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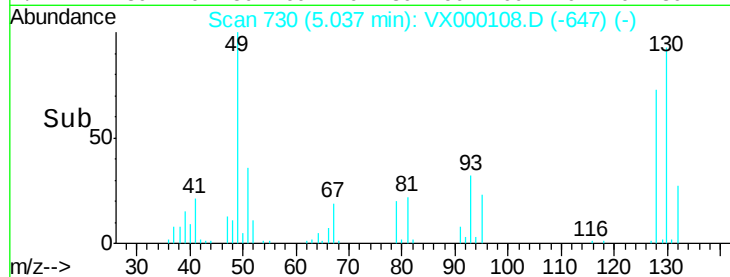
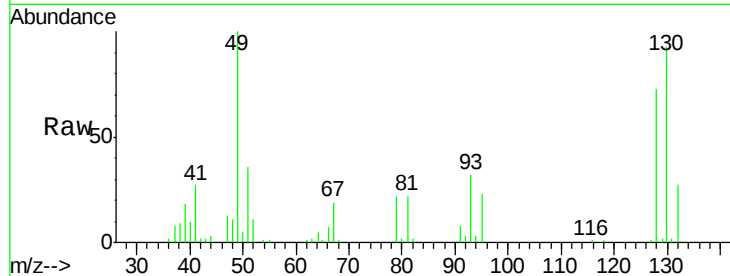
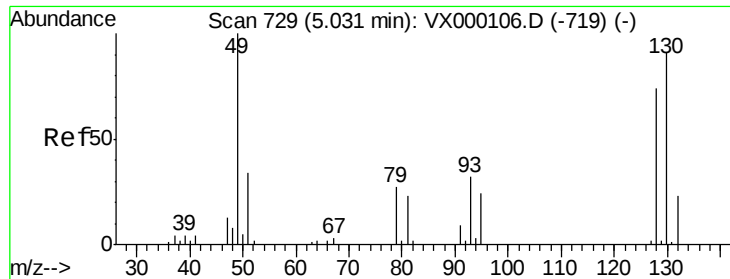
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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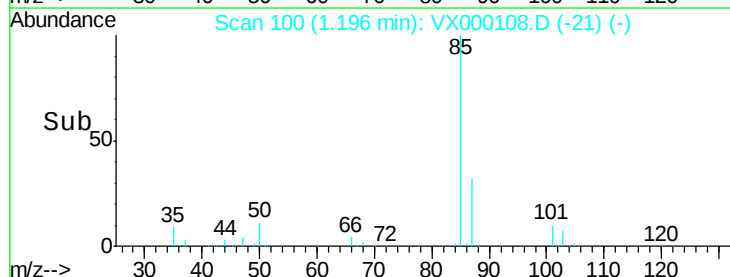
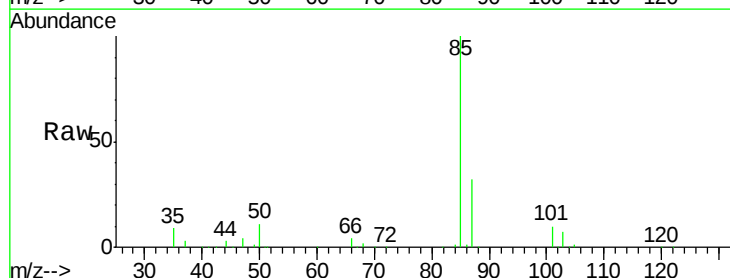
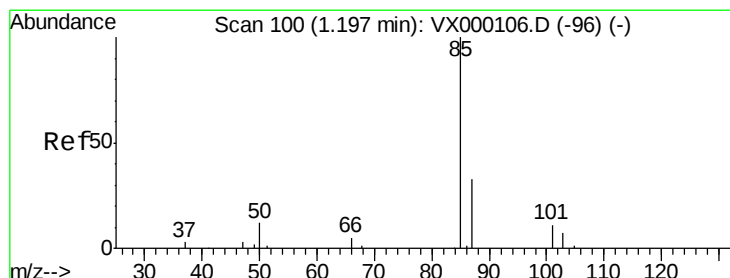
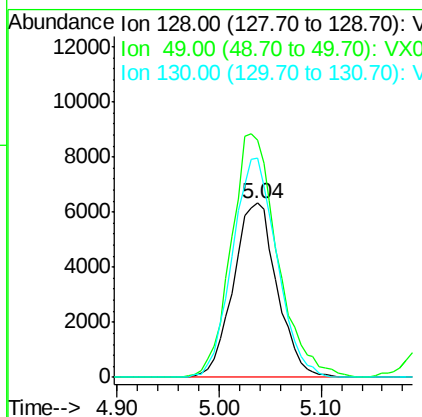
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Bromochloromethane
Concen: 30.00 ug/l
RT: 5.04 min Scan# 730
Delta R.T. 0.01 min
Lab File: VX000108.D
Acq: 20 Feb 2018 14:43

Tot Ion	Ratio	Lower	Upper
128	100		
49	148.1	0.0	378.3
130	128.1	0.0	324.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

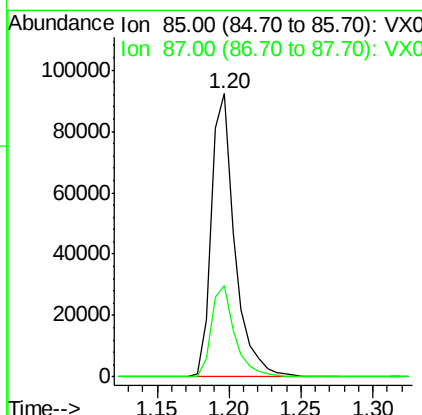
Manual Integrations
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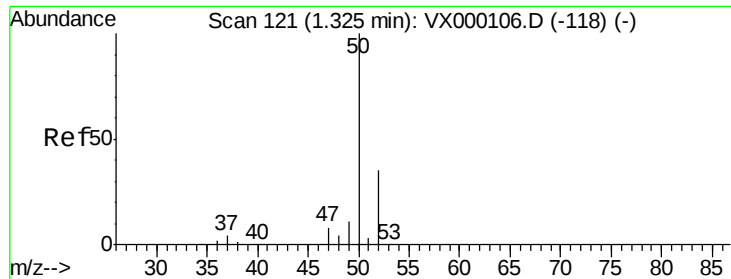
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#2
Dichlorodifluoromethane
Concen: 90.88 ug/l
RT: 1.20 min Scan# 100
Delta R.T. -0.00 min
Lab File: VX000108.D
Acq: 20 Feb 2018 14:43

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.4	16.6	49.7





#3

Chloromethane

Concen: 83.33 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000108.D

Acq: 20 Feb 2018 14:43

Instrument :

MSVOA_X

ClientSampled :

VSTDICC100

Tot Ion: 50 Resp: 98712

Ion Ratio Lower Upper

50 100

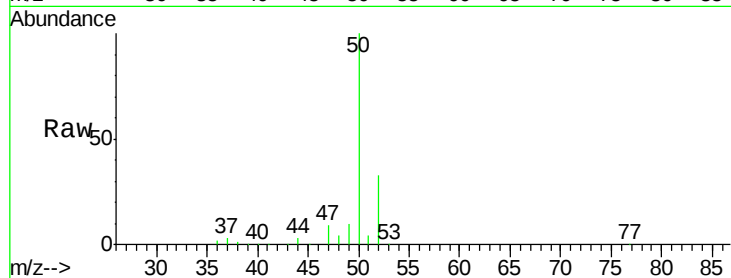
52 33.0 27.8 41.6

Manual Integrations

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Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

1.32

100000

80000

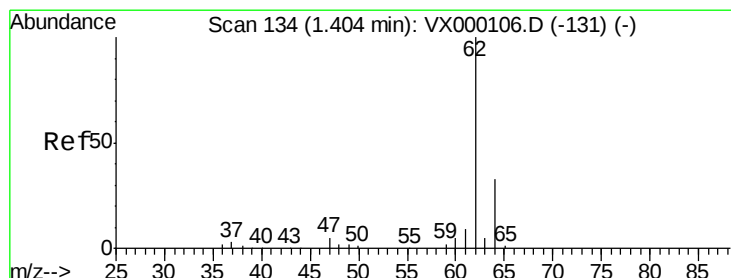
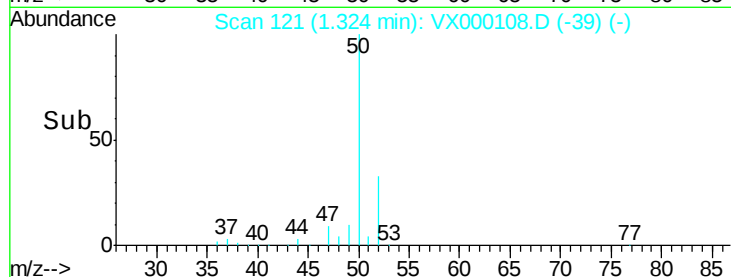
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 85.94 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000108.D

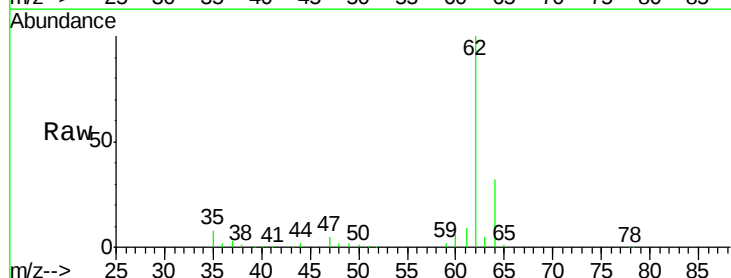
Acq: 20 Feb 2018 14:43

Tgt Ion: 62 Resp: 119521

Ion Ratio Lower Upper

62 100

64 32.1 26.0 39.0



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0

1.40

120000

100000

80000

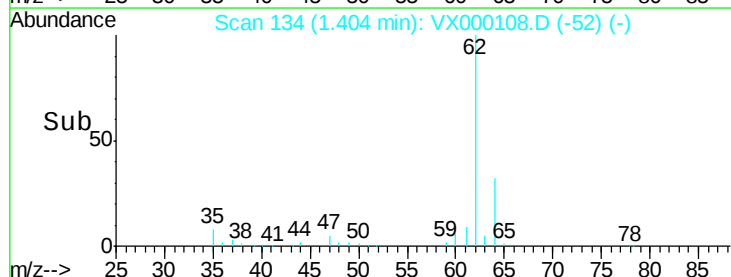
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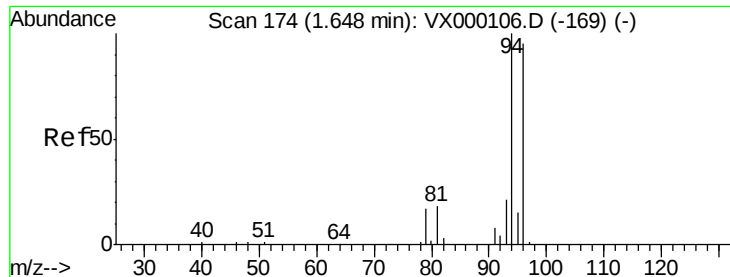
40000

20000

0

Time-->





#5

Bromomethane

Concen: 82.16 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000108.D

Acq: 20 Feb 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 102990

Ion Ratio Lower Upper

94 100

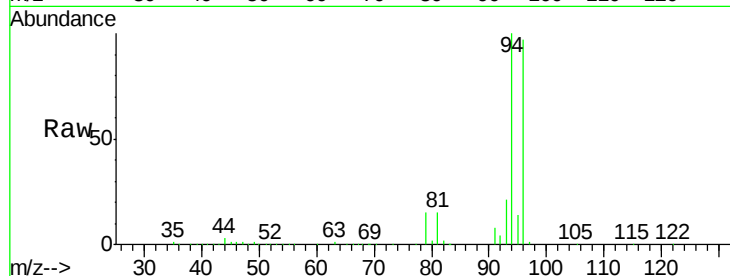
96 96.7 76.2 114.2

Manual Integrations

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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

120000

100000

80000

60000

40000

20000

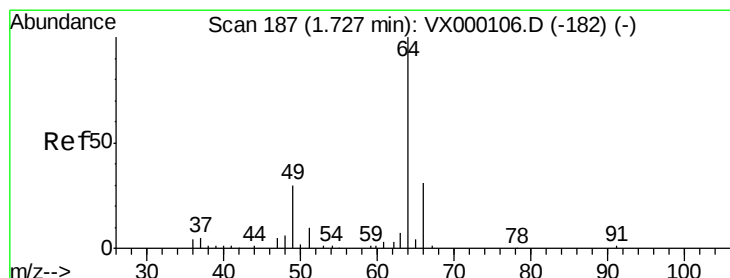
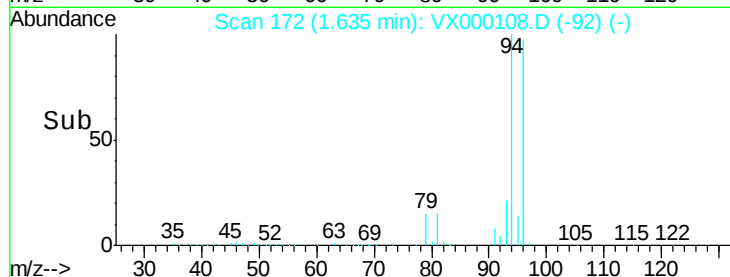
0

1.60

1.64

1.70

Time-->



#6

Chloroethane

Concen: 87.37 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX000108.D

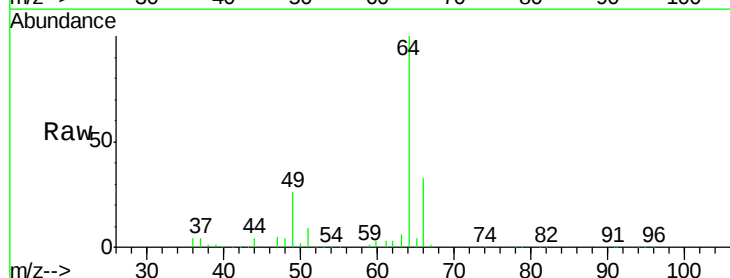
Acq: 20 Feb 2018 14:43

Tgt Ion: 64 Resp: 76488

Ion Ratio Lower Upper

64 100

66 32.9 25.2 37.8



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

60000

40000

20000

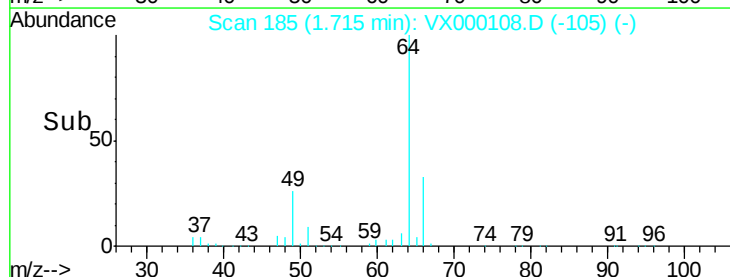
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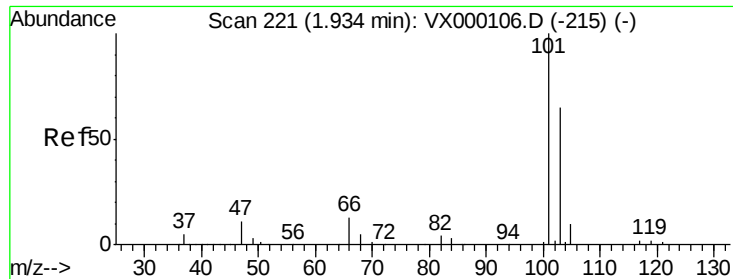
1.65

1.70

1.75

Time-->





#7

Trichlorofluoromethane

Concen: 88.21 ug/l

RT: 1.92 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX000108.D

Acq: 20 Feb 2018 14:43

Instrument :

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ClientSampleId :

VSTDIC100

Tot Ion:101 Resp: 209615

Ion Ratio Lower Upper

101 100

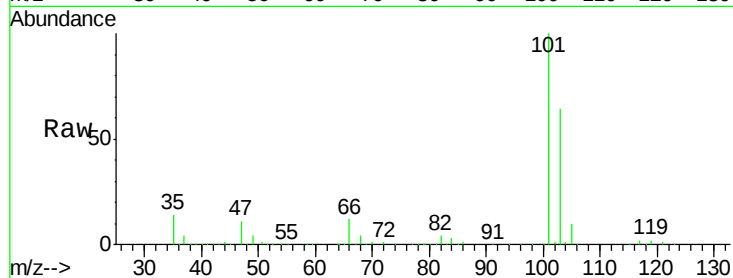
103 64.1 52.2 78.4

Manual Integrations

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Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

150000

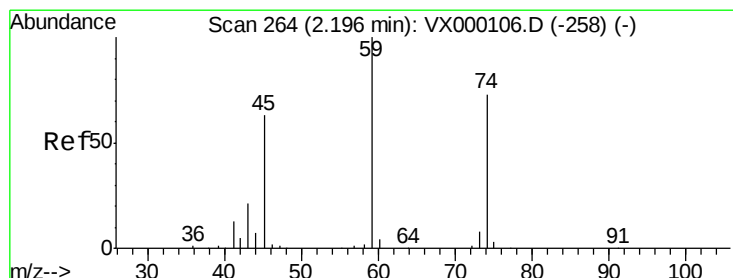
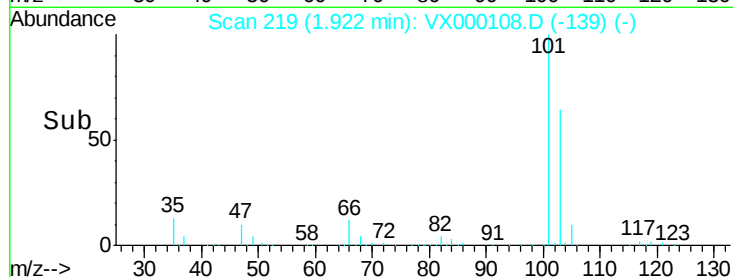
100000

50000

0

1.90 2.00

Time-->



#8

Diethyl Ether

Concen: 87.94 ug/l

RT: 2.20 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX000108.D

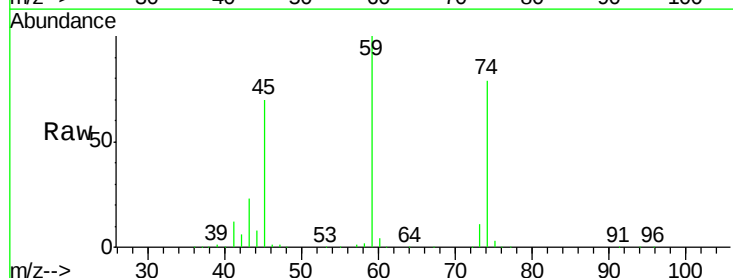
Acq: 20 Feb 2018 14:43

Tgt Ion: 74 Resp: 76431

Ion Ratio Lower Upper

74 100

45 86.6 17.8 159.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

60000

50000

40000

30000

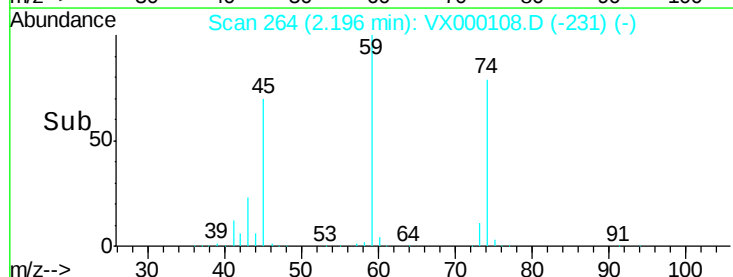
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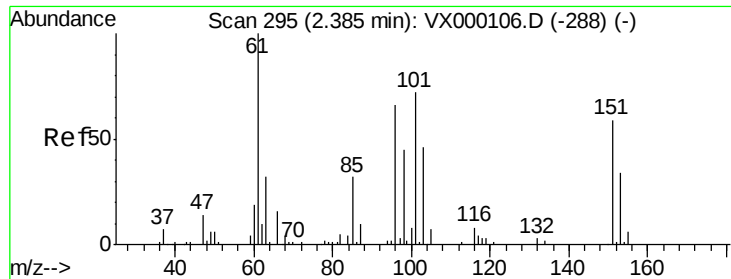
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0

2.15 2.20 2.25 2.30

Time-->





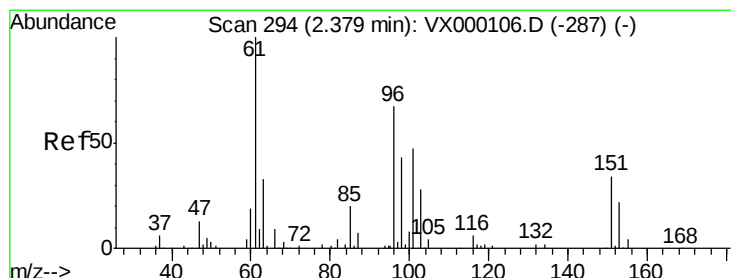
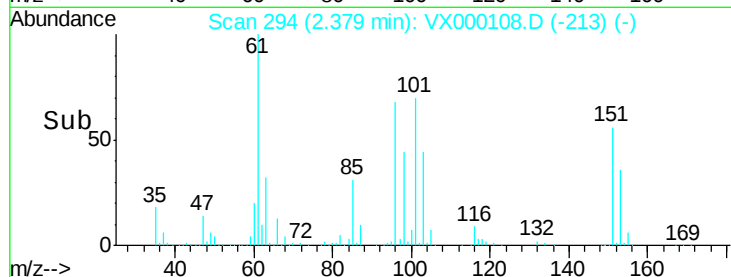
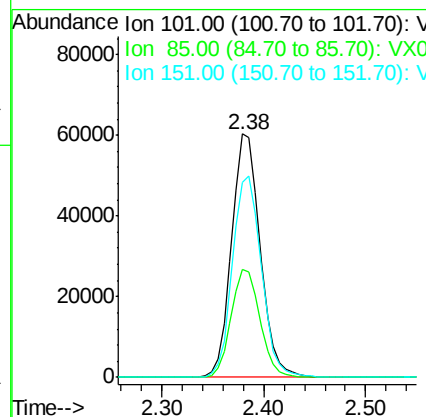
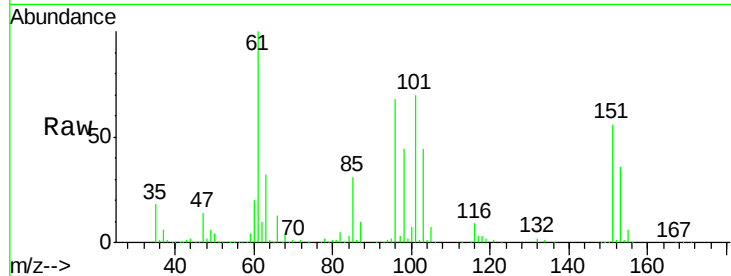
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 1,1,2-Trichlorotrifluoroethane
 Concen: 89.02 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VX000108.D
 Acq: 20 Feb 2018 14:43

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
101	100	116995		
85	44.7	0.0	90.4	
151	83.8	0.0	167.6	

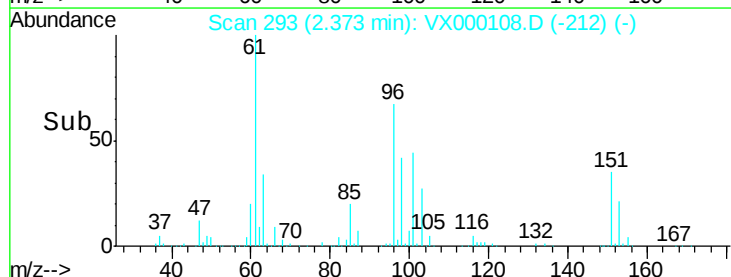
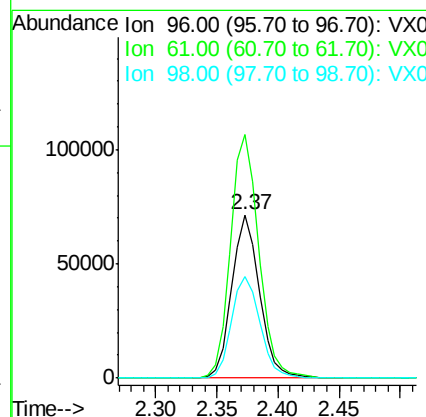
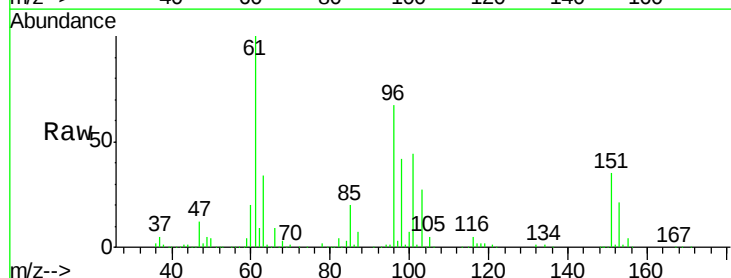
Manual Integrations
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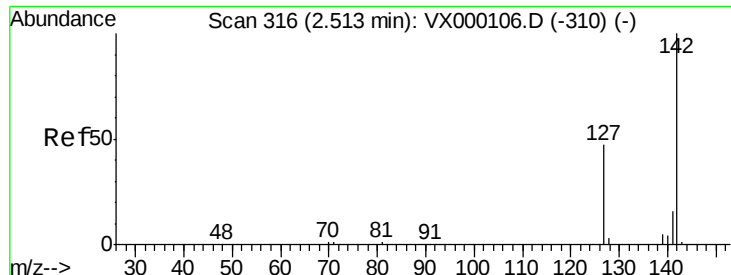
apatel
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#10
 1,1-Dichloroethene
 Concen: 88.74 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.01 min
 Lab File: VX000108.D
 Acq: 20 Feb 2018 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	111946		
61	149.3	118.6	178.0	
98	62.5	51.0	76.6	





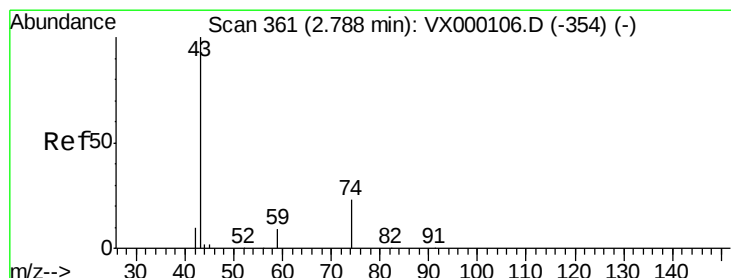
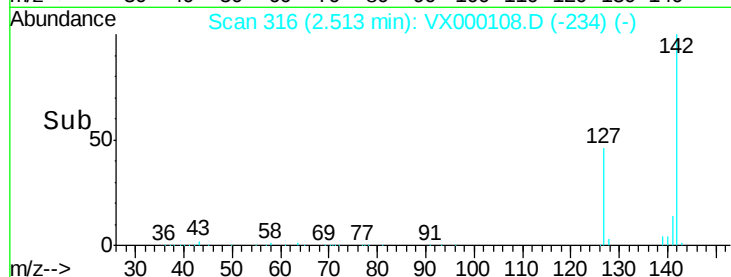
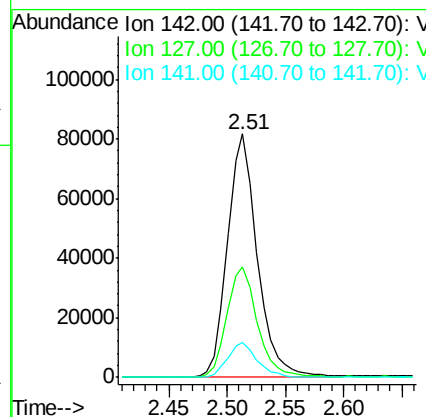
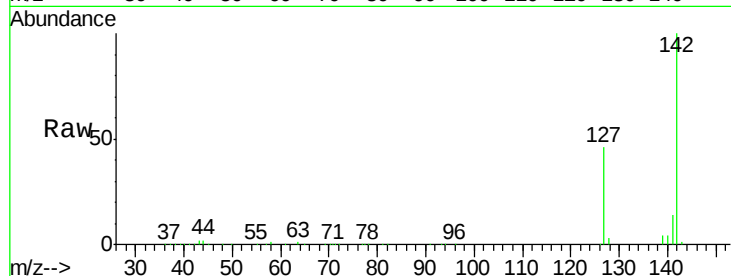
#11
Methvl Iodide
Concen: 143.70 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX000108.D
Acq: 20 Feb 2018 14:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
142	100		
127	45.5	23.8	71.5
141	14.4	8.2	24.4

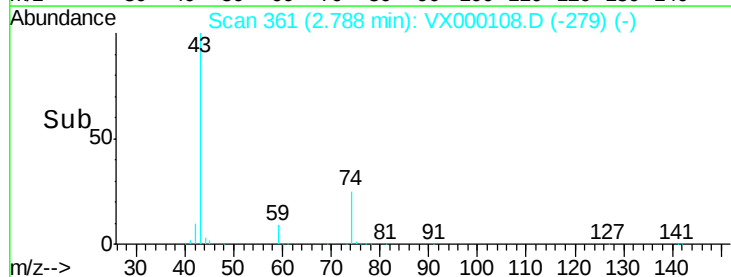
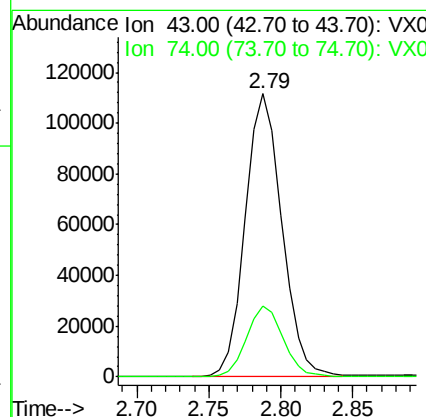
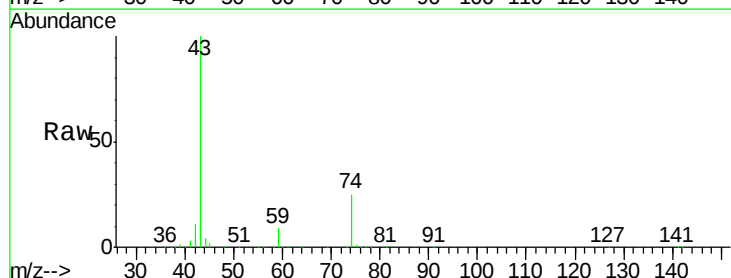
Manual Integrations
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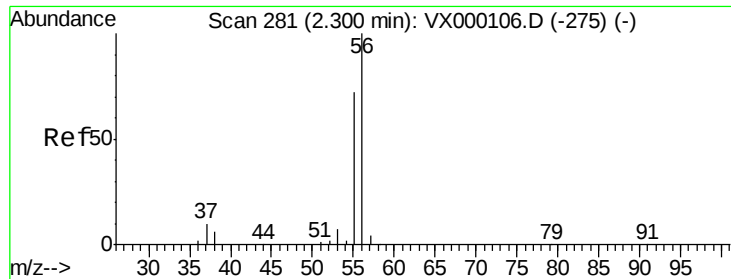
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#12
Methyl Acetate
Concen: 87.10 ug/l
RT: 2.79 min Scan# 361
Delta R.T. -0.00 min
Lab File: VX000108.D
Acq: 20 Feb 2018 14:43

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.8	18.6	27.8





#13

Acrolein

Concen: 509.17 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000108.D

Acq: 20 Feb 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 130674

Ion Ratio Lower Upper

56 100

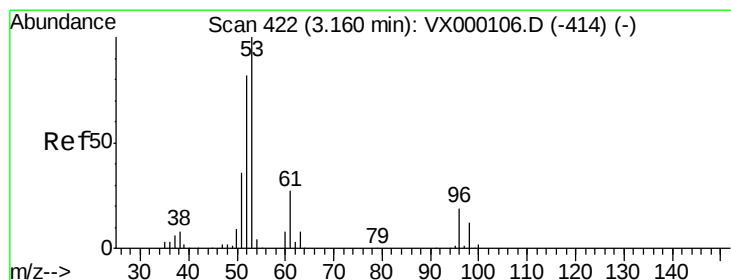
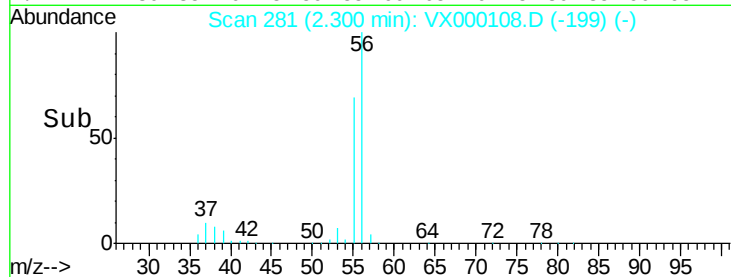
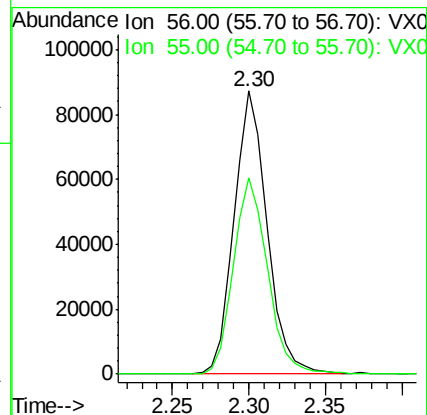
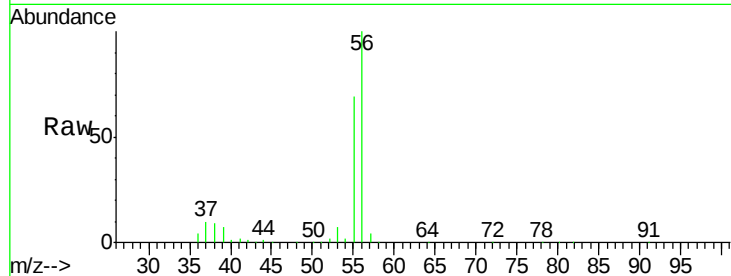
55 70.8 57.3 85.9

Manual Integrations

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#14

Acrylonitrile

Concen: 435.48 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX000108.D

Acq: 20 Feb 2018 14:43

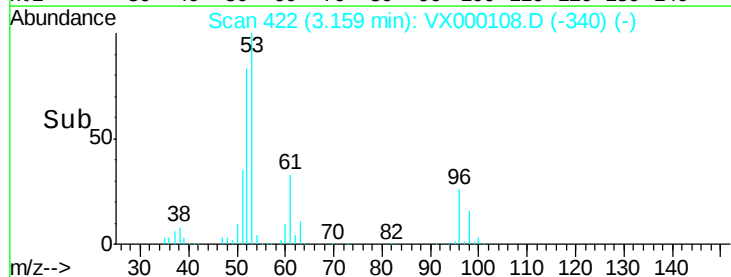
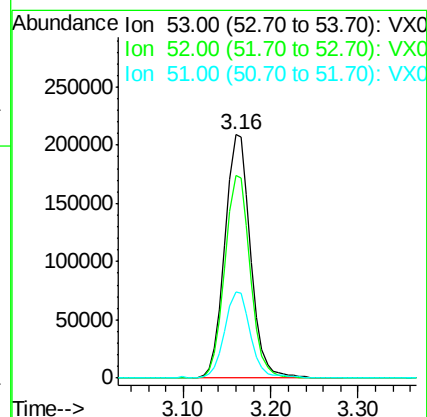
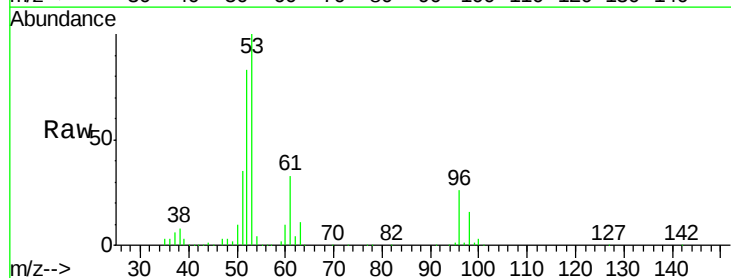
Tgt Ion: 53 Resp: 425239

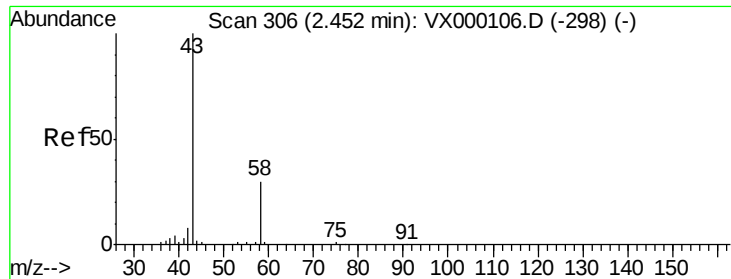
Ion Ratio Lower Upper

53 100

52 82.7 41.9 125.8

51 35.7 18.8 56.3





#15

Acetone

Concen: 395.00 ug/l

RT: 2.46 min Scan# 307

Delta R.T. 0.01 min

Lab File: VX000108.D

Acq: 20 Feb 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 58 Resp: 131485

Ion Ratio Lower Upper

58 100

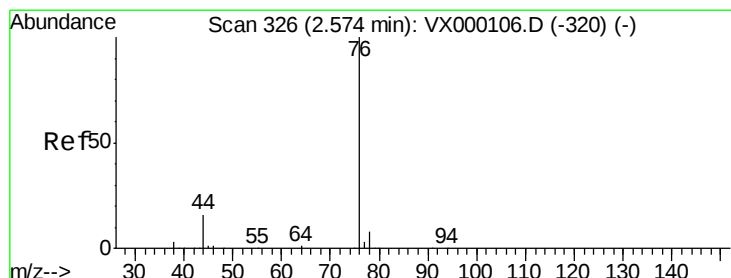
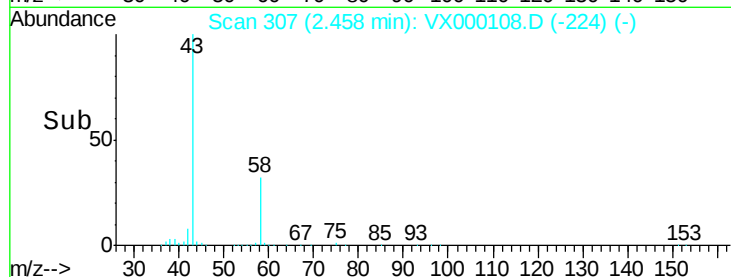
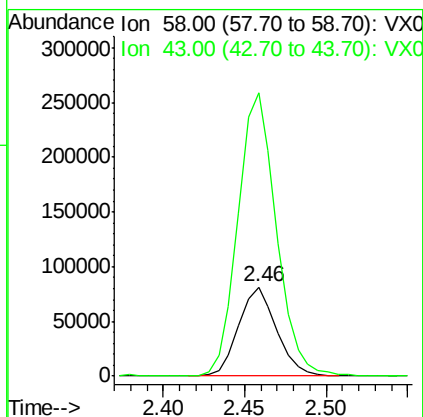
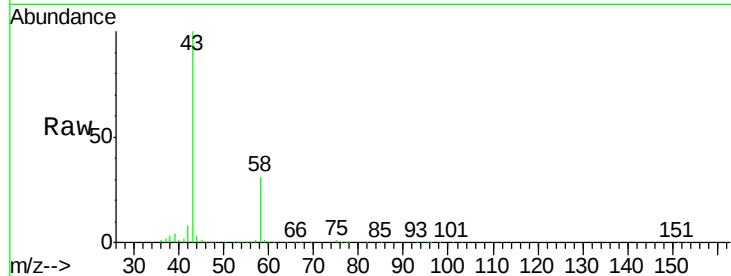
43 317.5 264.6 396.8

Manual Integrations

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#16

Carbon Disulfide

Concen: 90.14 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX000108.D

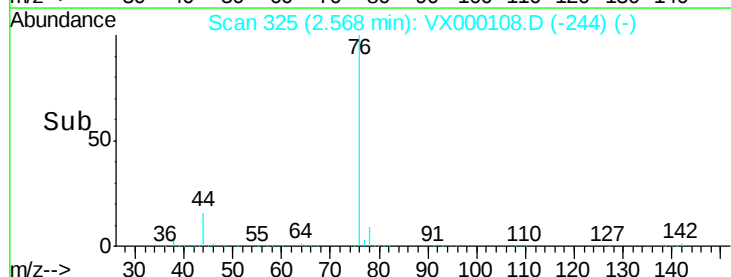
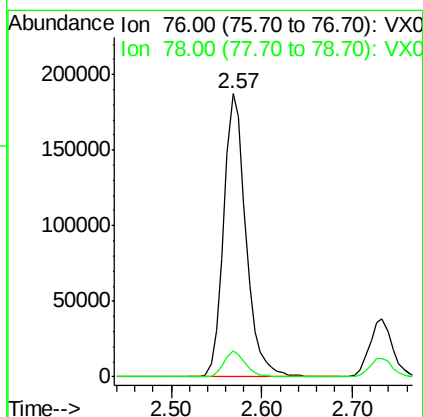
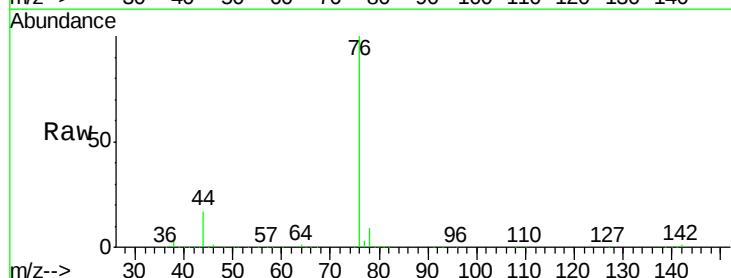
Acq: 20 Feb 2018 14:43

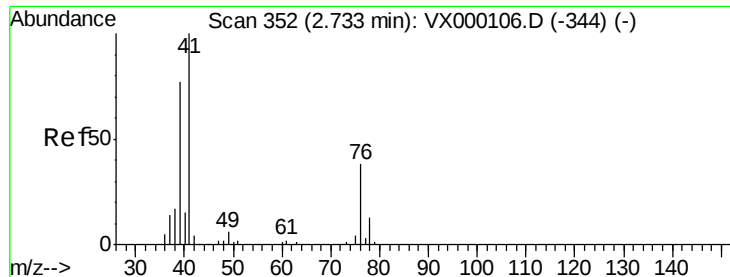
Tgt Ion: 76 Resp: 319897

Ion Ratio Lower Upper

76 100

78 9.2 6.8 10.2





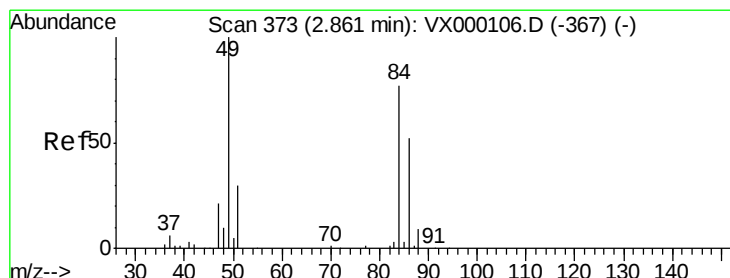
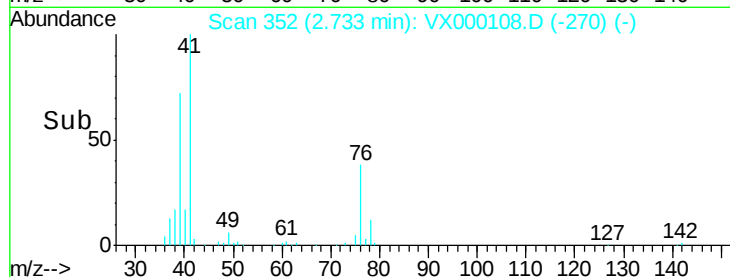
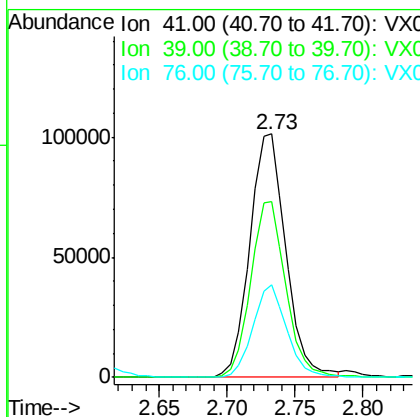
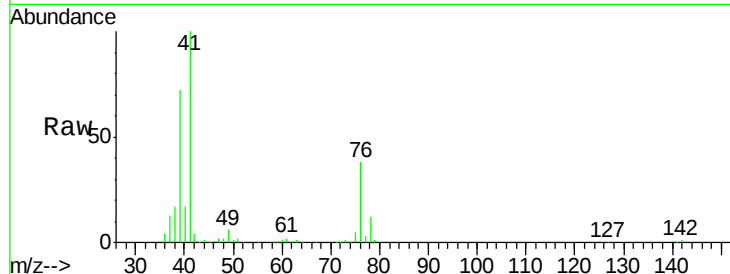
#17
Allvl chloride
Concen: 88.81 ug/l
RT: 2.73 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX000108.D
Acq: 20 Feb 2018 14:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
41	100		
39	72.0	38.5	115.5
76	37.9	18.7	56.1

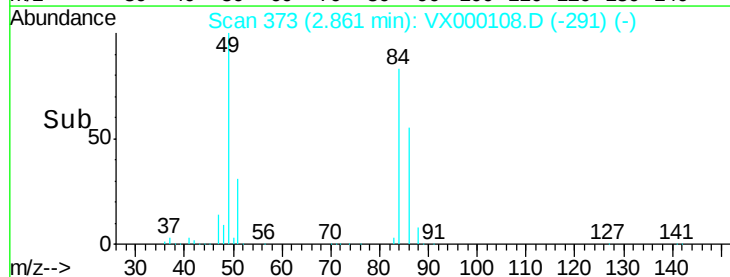
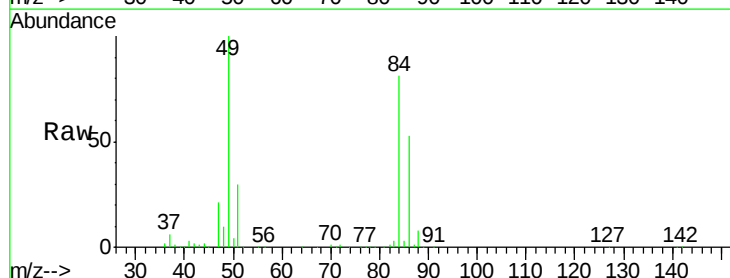
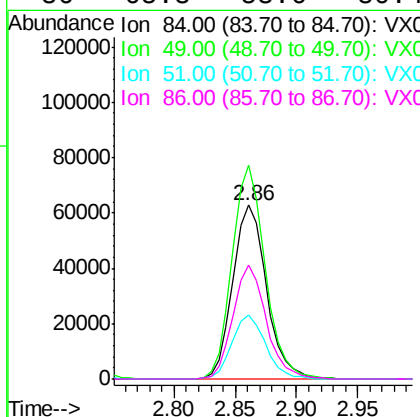
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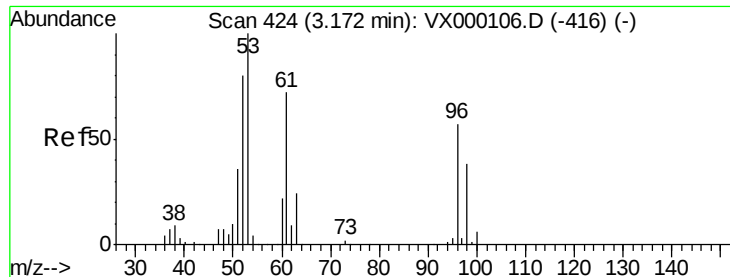
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#18
Methylene Chloride
Concen: 89.31 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000108.D
Acq: 20 Feb 2018 14:43

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.0	103.3	154.9
51	36.8	31.2	46.8
86	65.8	53.6	80.4





#19

trans-1,2-Dichloroethene

Concen: 90.97 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000108.D

Acq: 20 Feb 2018 14:43

Instrument :

MSVOA_X

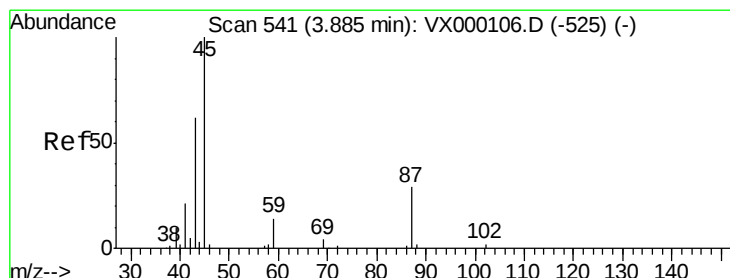
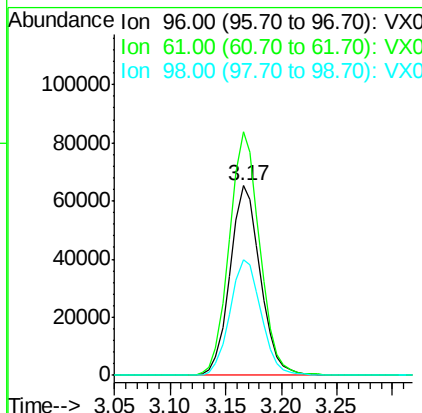
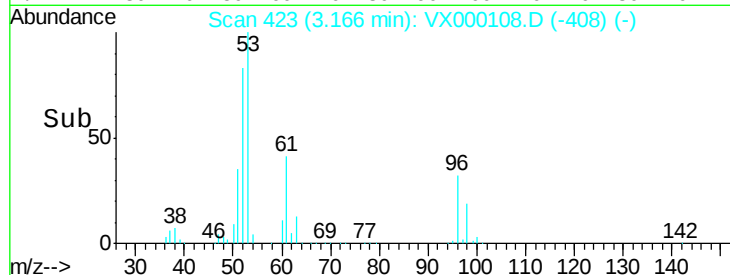
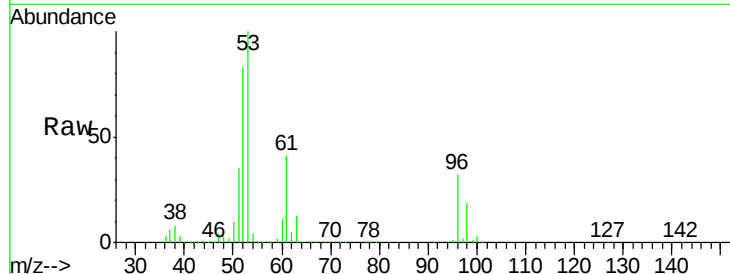
ClientSampled :

VSTDIC100

Tot Ion:	96	Resp:	123235
Ion Ratio	Lower	Upper	
96	100		
61	128.3	101.0	151.6
98	61.0	53.3	79.9

Manual Integrations
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#20

Diisopropyl ether

Concen: 100.99 ug/l

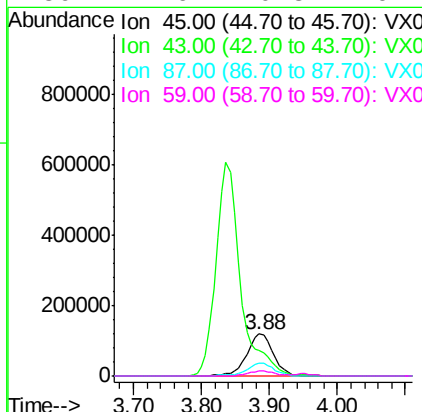
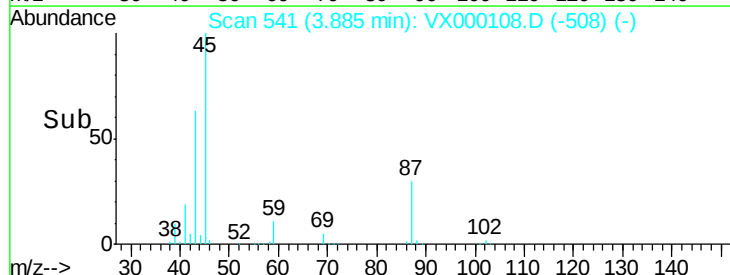
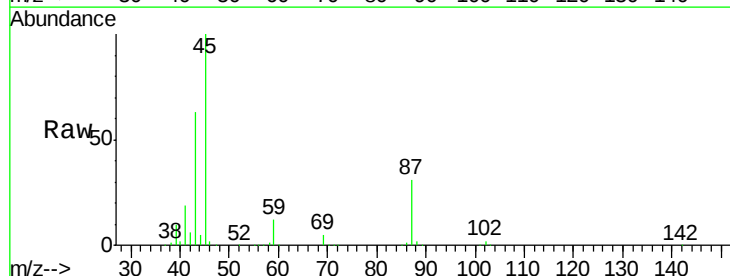
RT: 3.88 min Scan# 541

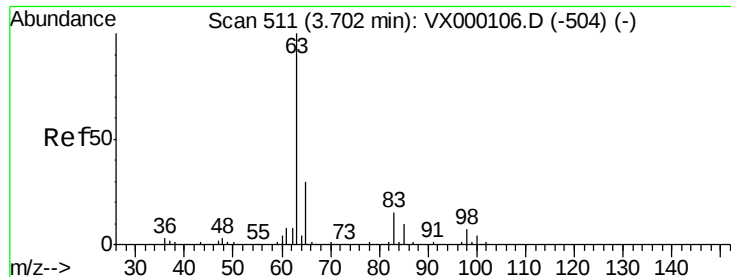
Delta R.T. -0.00 min

Lab File: VX000108.D

Acq: 20 Feb 2018 14:43

Tgt Ion:	45	Resp:	326922
Ion Ratio	Lower	Upper	
45	100		
43	62.3	49.6	74.4
87	30.9	23.1	34.7
59	11.6	10.8	16.2





#21

1,1-Dichloroethane

Concen: 85.79 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000108.D

Acq: 20 Feb 2018 14:43

Instrument :

MSVOA_X

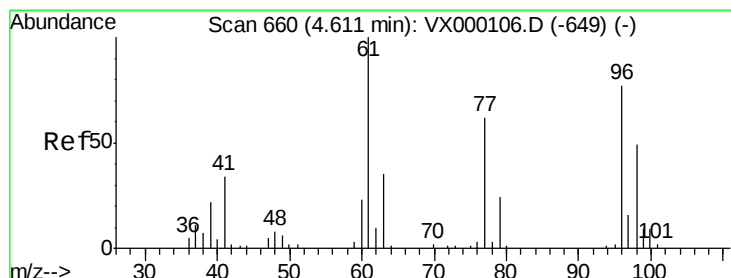
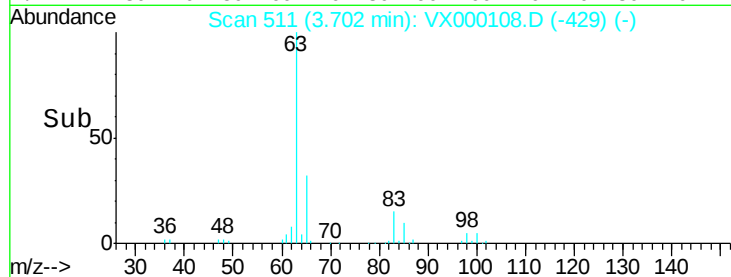
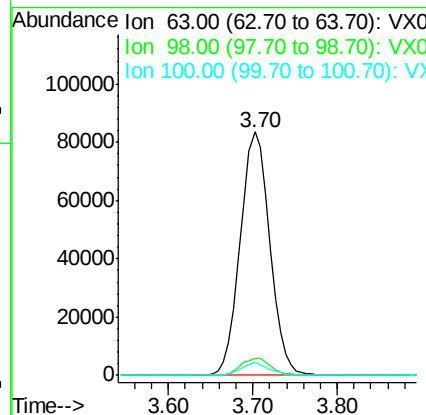
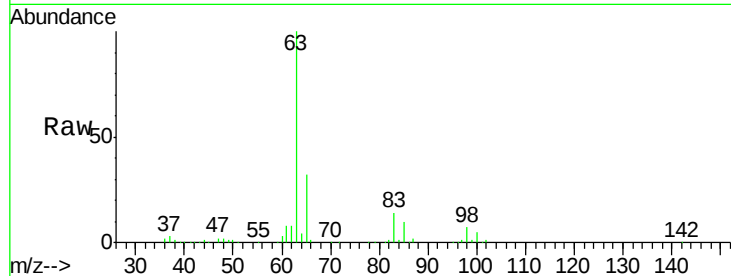
ClientSampled :

VSTDIC100

Tot Ion:	63	Resp:	197564
Ion Ratio	Lower	Upper	
63	100		
98	7.1	3.3	9.9
100	5.2	2.1	6.5

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#22

cis-1,2-Dichloroethene

Concen: 92.46 ug/l

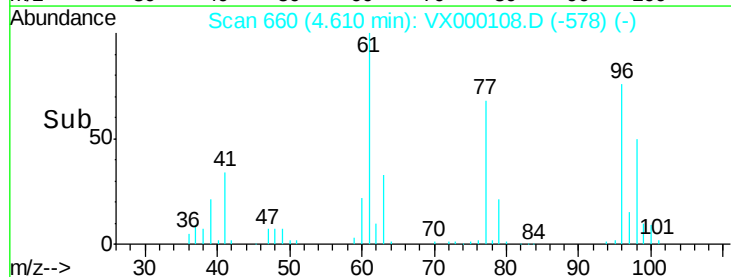
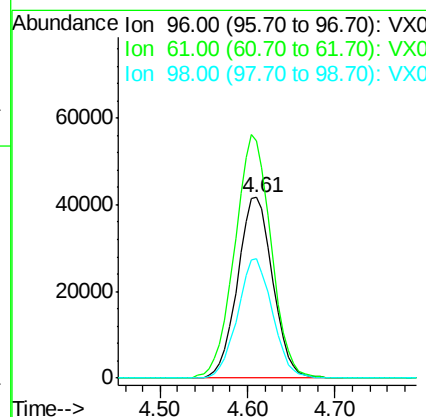
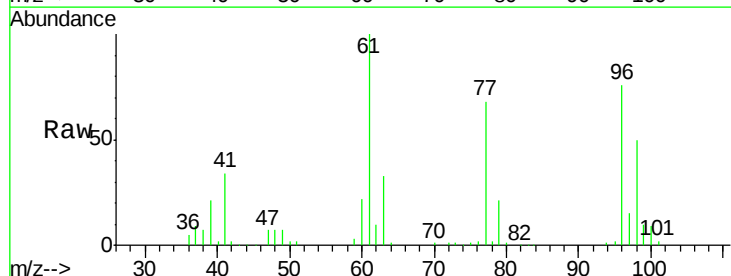
RT: 4.61 min Scan# 660

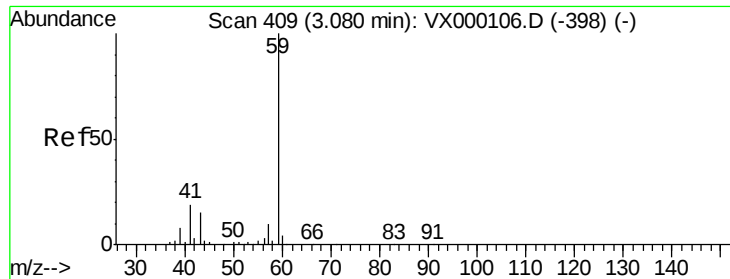
Delta R.T. -0.00 min

Lab File: VX000108.D

Acq: 20 Feb 2018 14:43

Tgt Ion:	96	Resp:	116442
Ion Ratio	Lower	Upper	
96	100		
61	139.2	113.5	170.3
98	65.4	51.8	77.8





#23

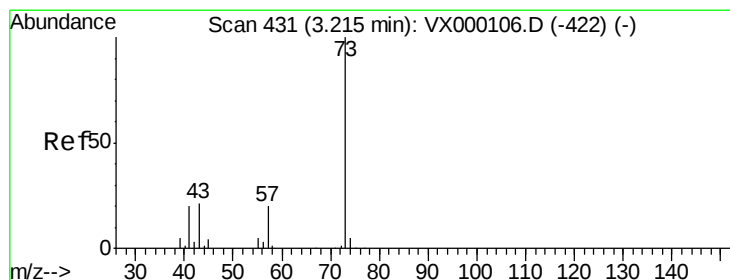
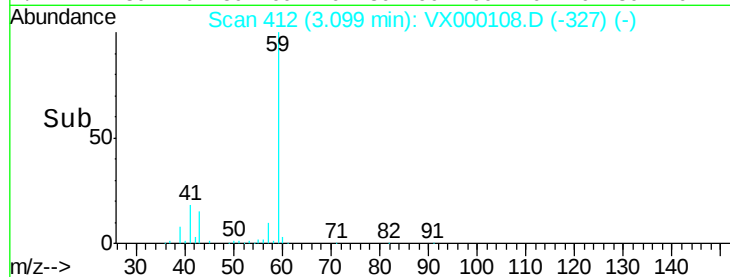
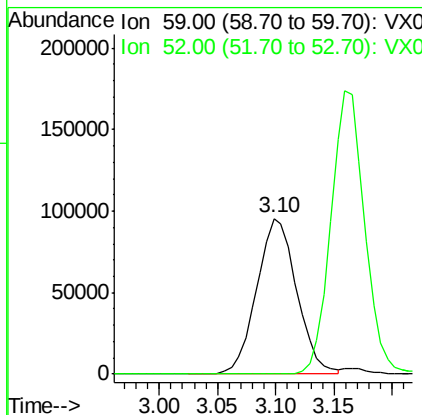
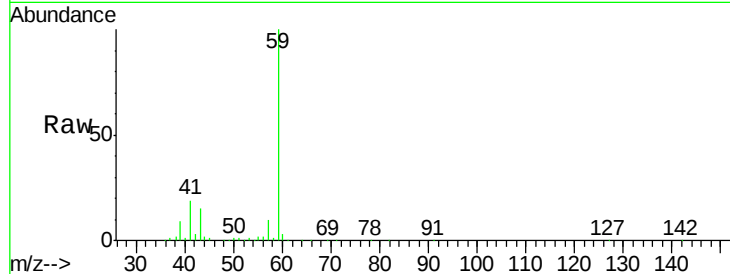
tert-Butyl Alcohol
Concen: 400.34 ug/l
RT: 3.10 min Scan# 412
Delta R.T. 0.02 min
Lab File: VX000108.D
Acq: 20 Feb 2018 14:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.1	0.1	0.1

Manual Integrations
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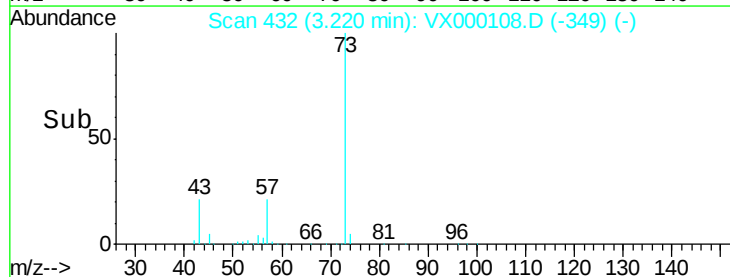
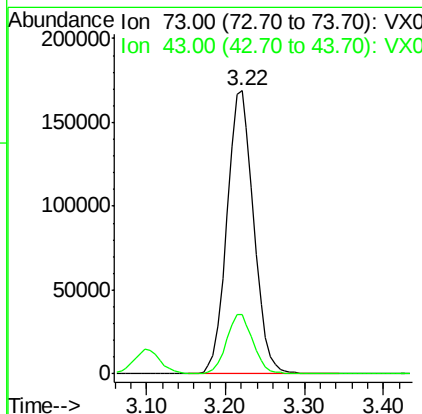
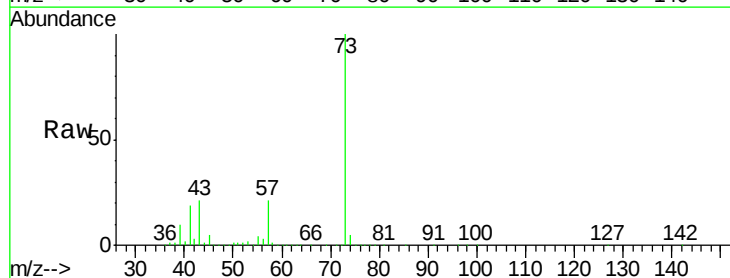
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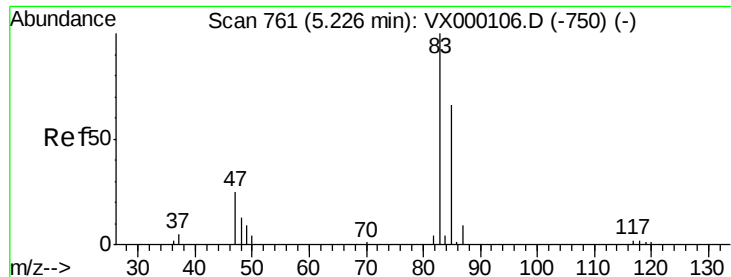


#24

Methyl tert-Butyl Ether
Concen: 92.02 ug/l
RT: 3.22 min Scan# 432
Delta R.T. 0.01 min
Lab File: VX000108.D
Acq: 20 Feb 2018 14:43

Tgt Ion	Ratio	Lower	Upper
73	100		
43	20.8	16.5	24.7





#25

Chloroform

Concen: 96.39 ug/l

RT: 5.23 min Scan# 762

Delta R.T. 0.01 min

Lab File: VX000108.D

Acq: 20 Feb 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 83 Resp: 210199

Ion Ratio Lower Upper

83 100

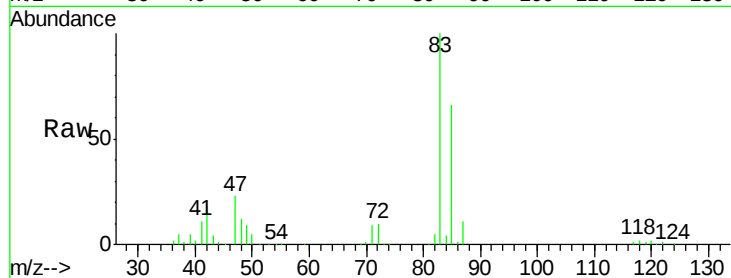
85 66.4 52.5 78.7

Manual Integrations

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Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

80000

60000

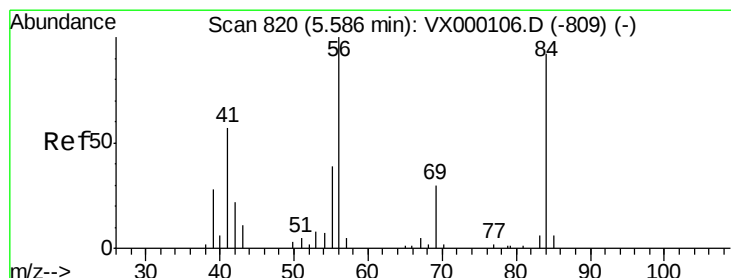
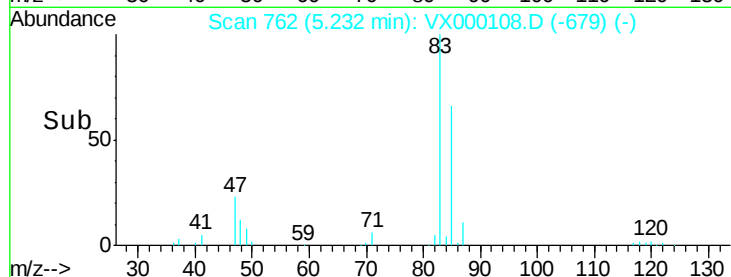
40000

20000

0

5.10 5.20 5.30 5.40

Time-->



#26

Cyclohexane

Concen: 92.62 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000108.D

Acq: 20 Feb 2018 14:43

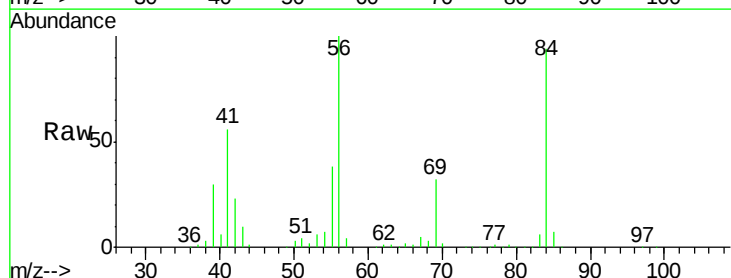
Tgt Ion: 56 Resp: 159082

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 96.0 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

100000

80000

60000

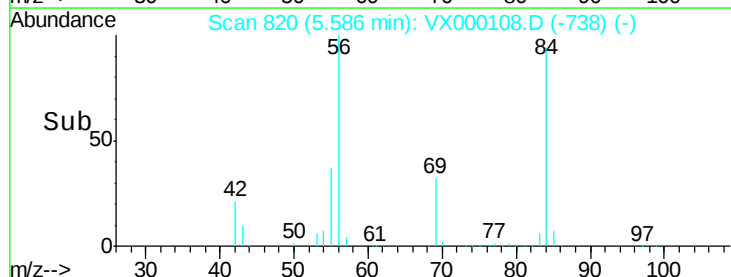
40000

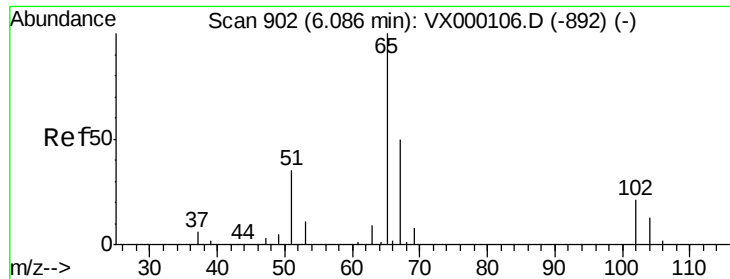
20000

0

5.50 5.60 5.70

Time-->





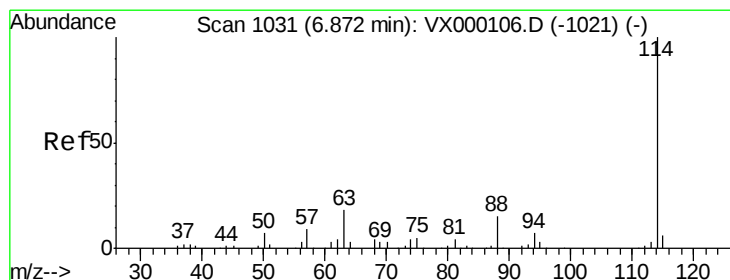
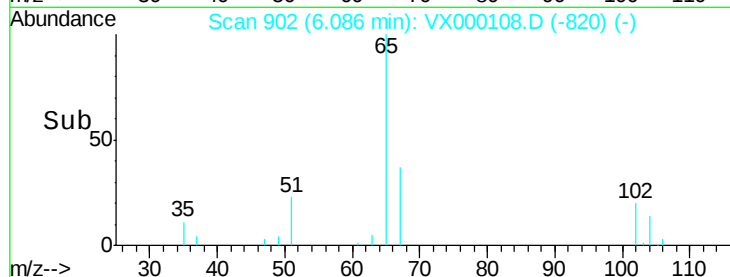
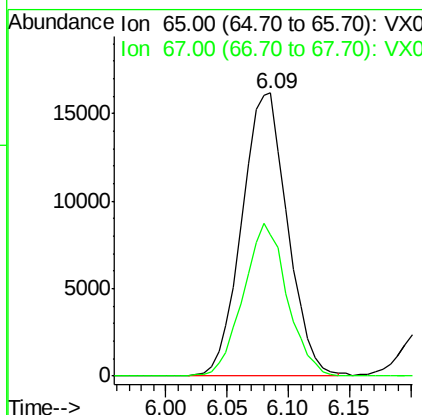
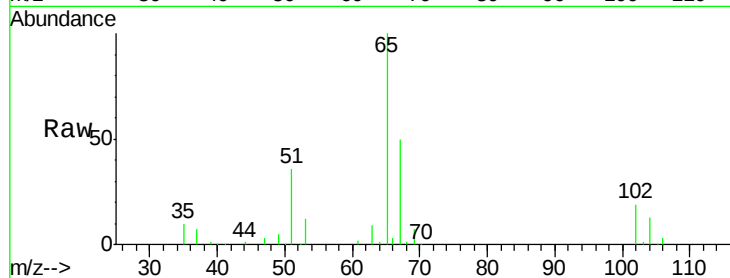
#27
 1,2-Dichloroethane-d4
 Concen: 29.09 ug/l
 RT: 6.09 min Scan# 902
 Delta R.T. -0.00 min
 Lab File: VX000108.D
 Acq: 20 Feb 2018 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 65 Resp: 42013
 Ion Ratio Lower Upper
 65 100
 67 51.9 41.4 62.2

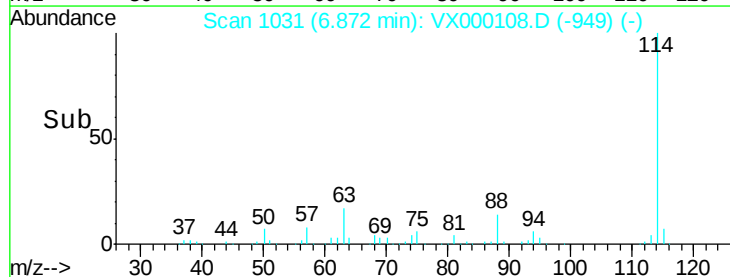
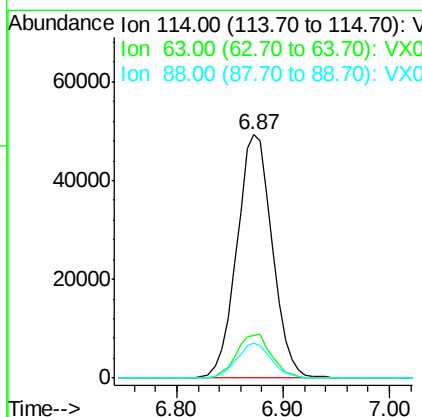
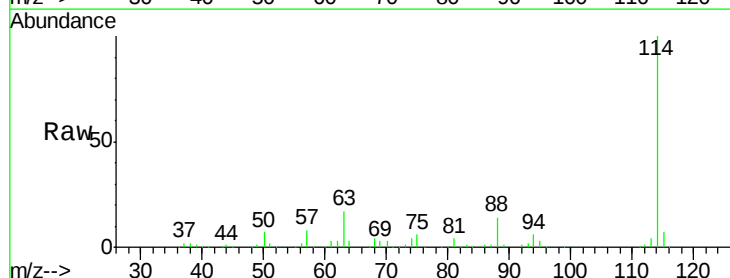
Manual Integrations
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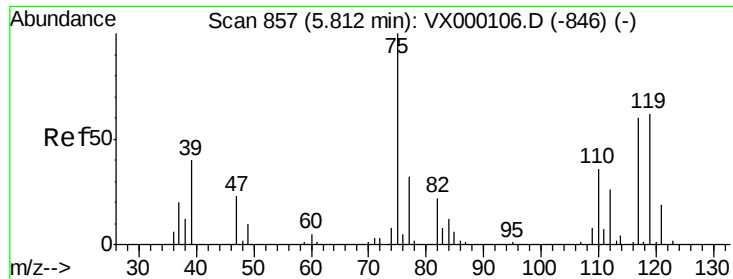
apatel
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#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000108.D
 Acq: 20 Feb 2018 14:43

Tgt Ion: 114 Resp: 115299
 Ion Ratio Lower Upper
 114 100
 63 17.9 15.0 22.4
 88 14.1 11.8 17.8





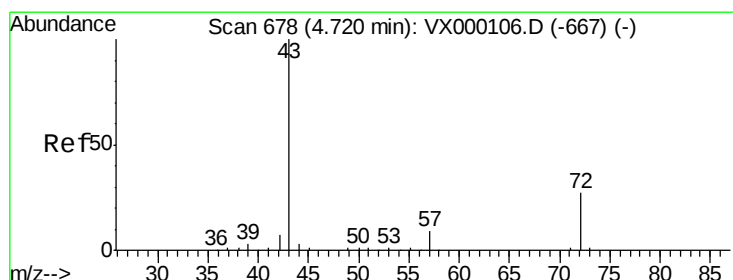
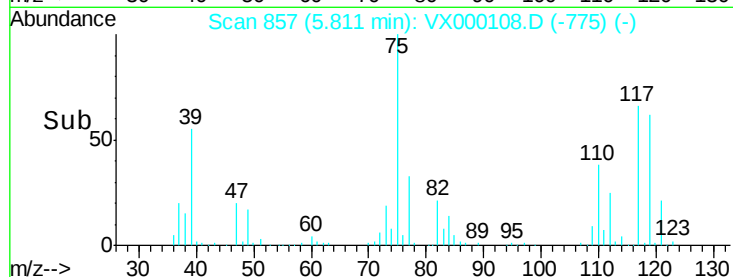
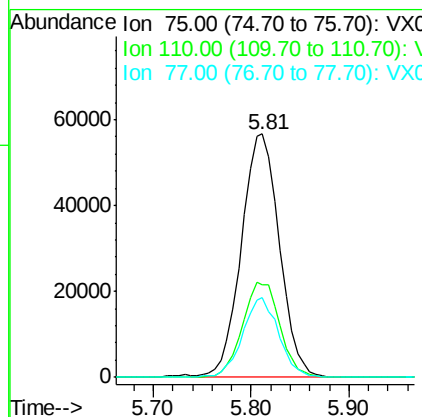
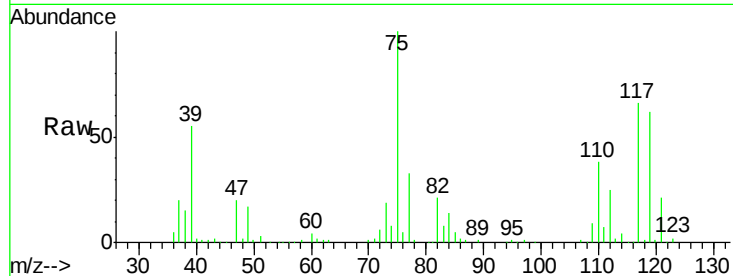
#29
 1,1-Dichloropropene
 Concen: 92.53 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: VX000108.D
 Acq: 20 Feb 2018 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	38.4	0.0	75.6
77	30.8	0.0	62.6

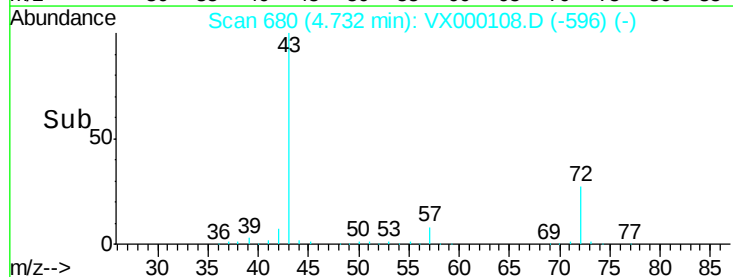
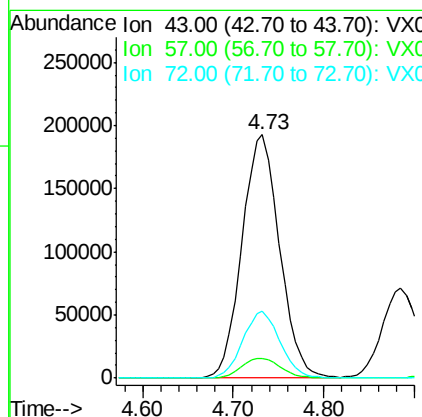
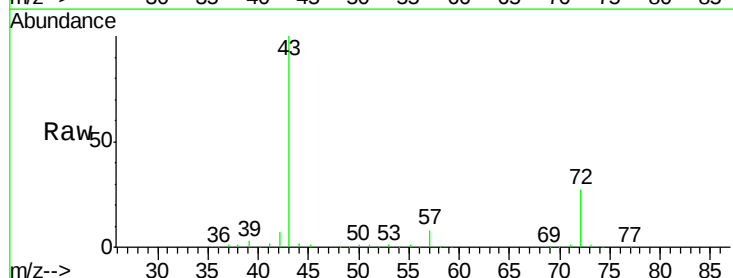
Manual Integrations
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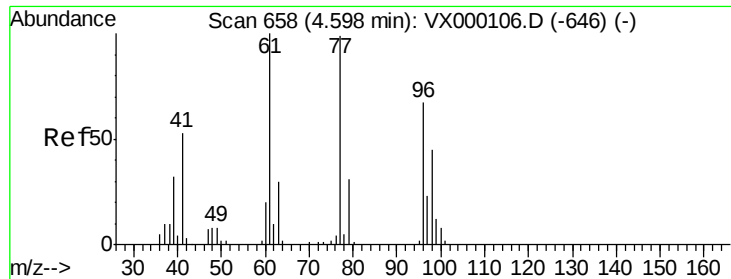
apatel
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#30
 2-Butanone
 Concen: 415.99 ug/l
 RT: 4.73 min Scan# 680
 Delta R.T. 0.01 min
 Lab File: VX000108.D
 Acq: 20 Feb 2018 14:43

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.5	6.6	10.0
72	27.4	21.8	32.6





#31

2,2-Dichloropropane

Concen: 91.89 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000108.D

Acq: 20 Feb 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 77 Resp: 164699

Ion Ratio Lower Upper

77 100

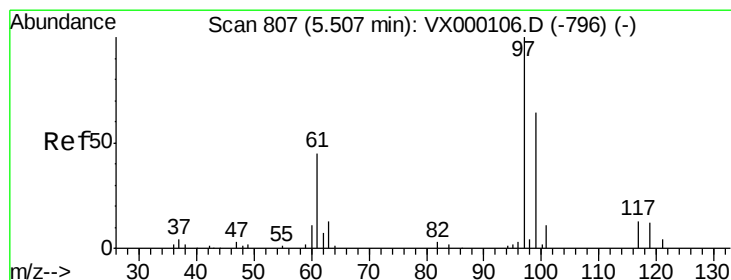
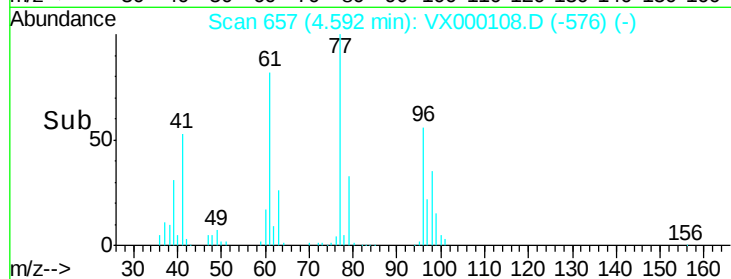
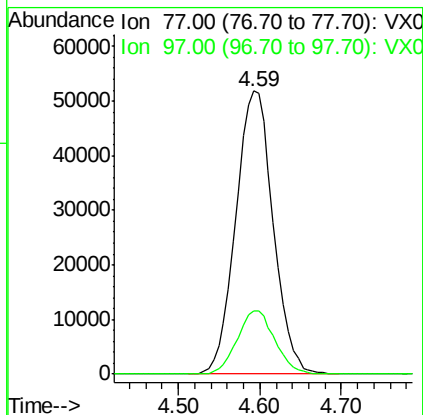
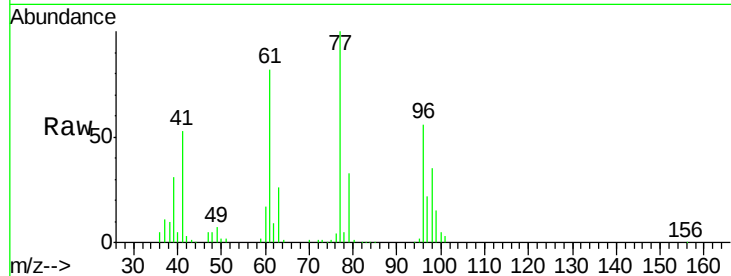
97 22.5 18.6 27.8

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 96.42 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000108.D

Acq: 20 Feb 2018 14:43

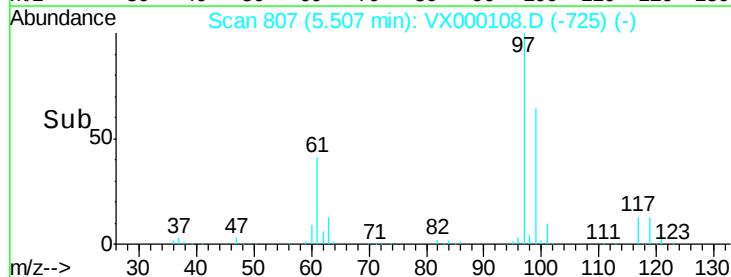
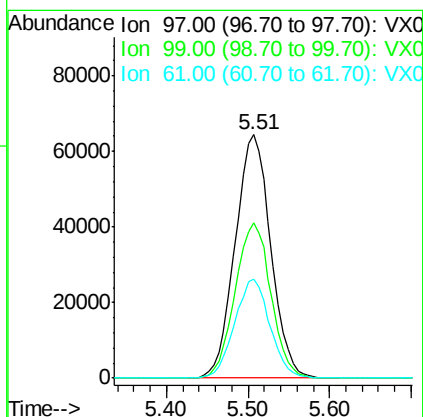
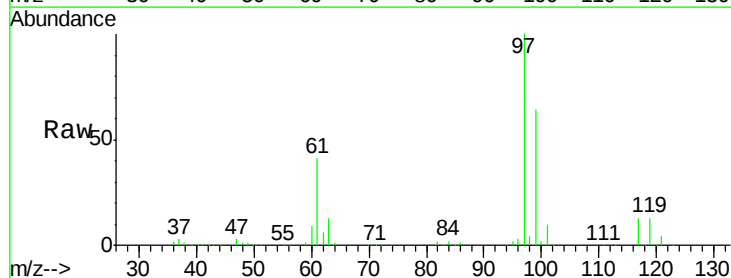
Tgt Ion: 97 Resp: 194909

Ion Ratio Lower Upper

97 100

99 64.2 52.3 78.5

61 40.5 34.3 51.5





#33

Carbon Tetrachloride

Concen: 99.08 ug/l

RT: 5.79 min Scan# 854

Delta R.T. -0.00 min

Lab File: VX000108.D

Acq: 20 Feb 2018 14:43

Instrument :

MSVOA_X

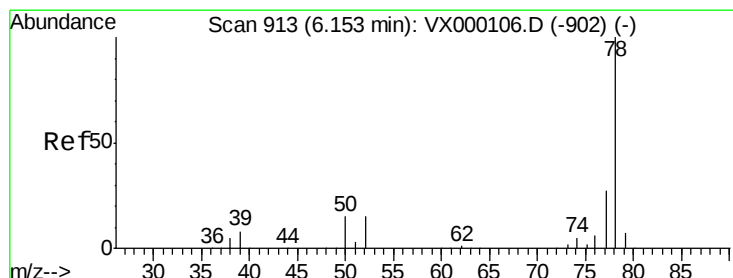
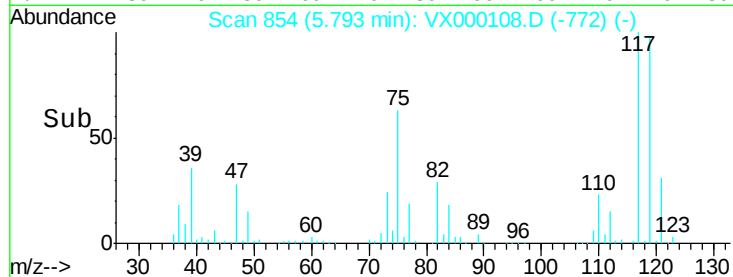
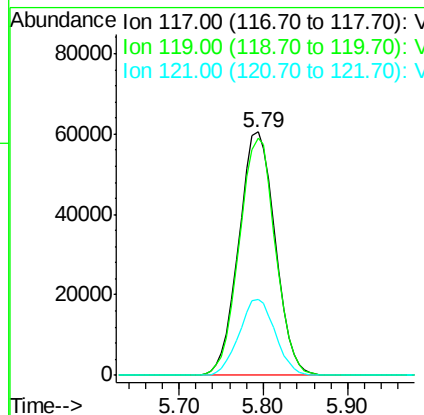
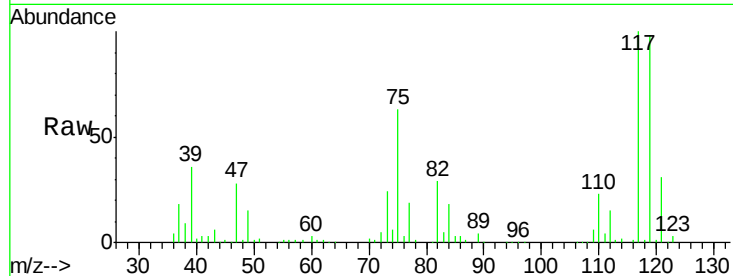
ClientSampleId :

VSTDIC100

Tot Ion:	117	Resp:	176903
Ion	Ratio	Lower	Upper
117	100		
119	97.6	73.5	110.3
121	31.3	24.6	37.0

Manual Integrations
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#34

Benzene

Concen: 92.97 ug/l

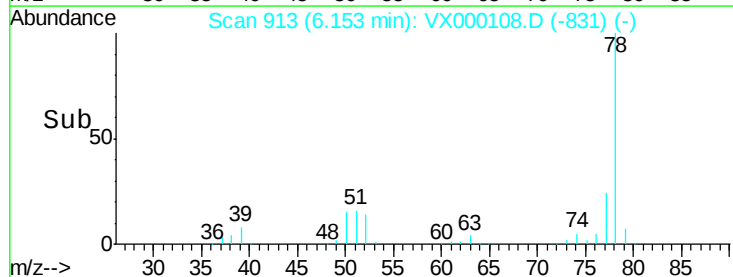
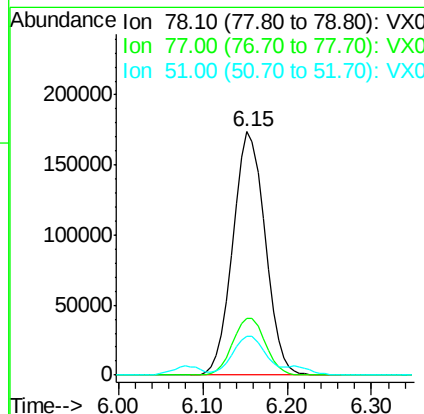
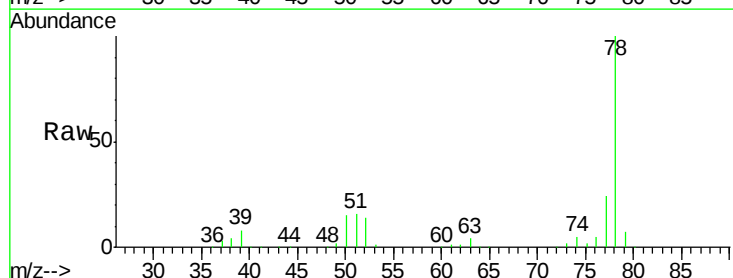
RT: 6.15 min Scan# 913

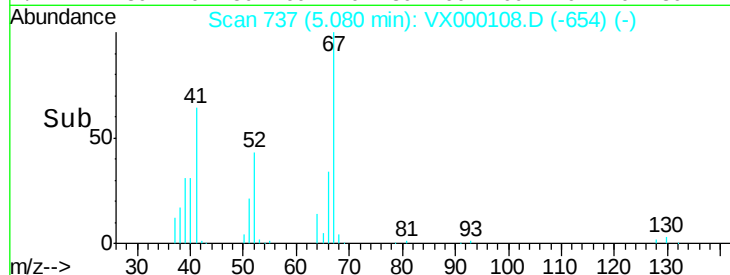
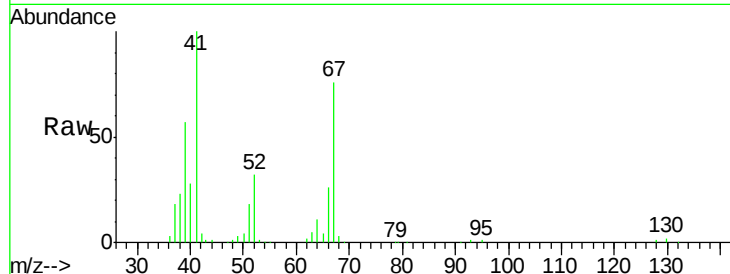
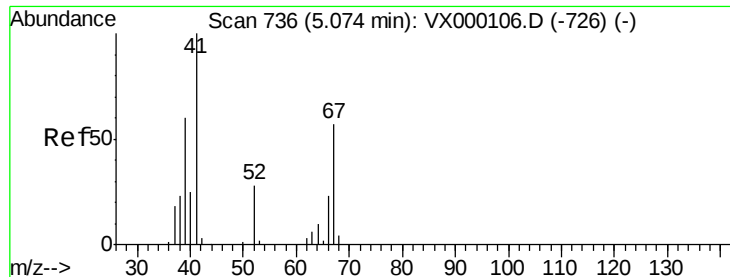
Delta R.T. -0.00 min

Lab File: VX000108.D

Acq: 20 Feb 2018 14:43

Tgt Ion:	78	Resp:	451539
Ion	Ratio	Lower	Upper
78	100		
77	23.6	21.7	32.5
51	16.0	14.9	22.3





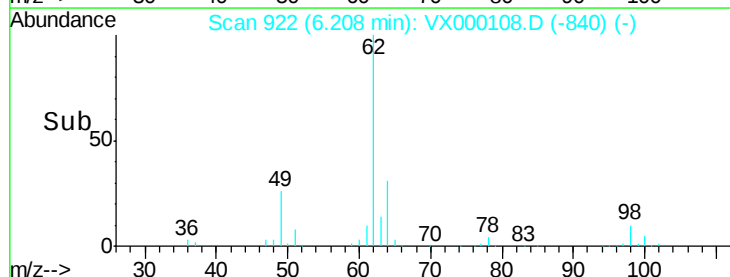
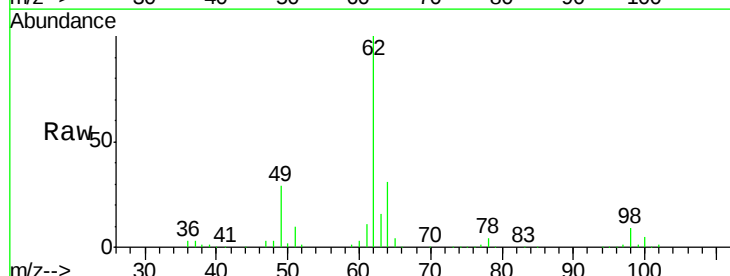
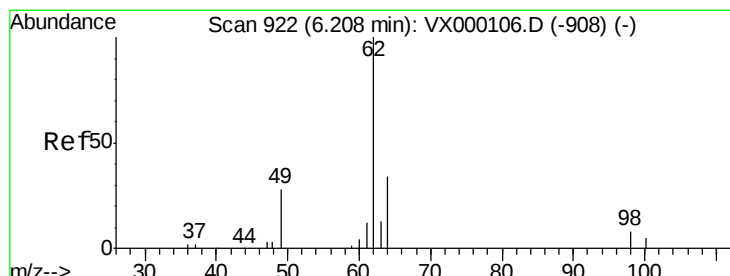
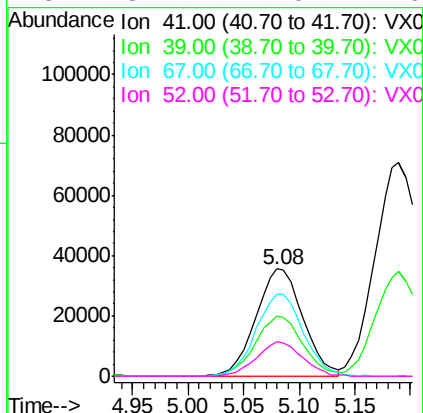
#35
Methacrylonitrile
Concen: 88.34 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX000108.D
Acq: 20 Feb 2018 14:43

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	56.4	29.8	89.3		
67	76.2	28.7	86.3		
52	32.2	14.0	41.9		

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

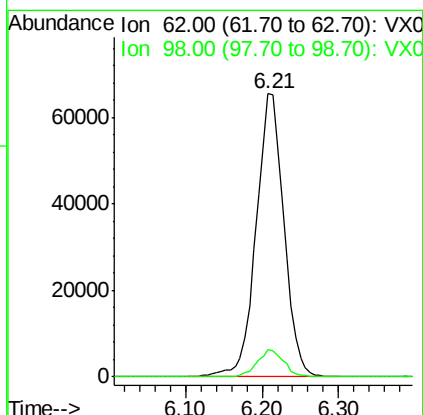
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#36
1,2-Dichloroethane
Concen: 91.16 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000108.D
Acq: 20 Feb 2018 14:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.1	6.9	10.3		





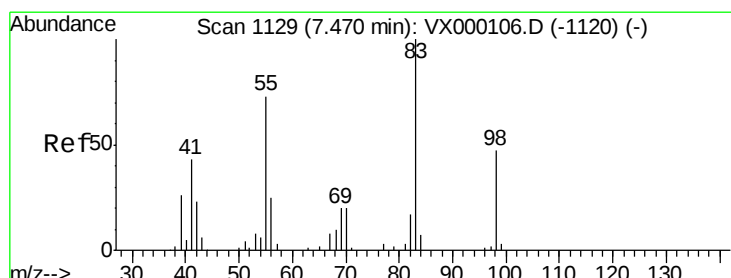
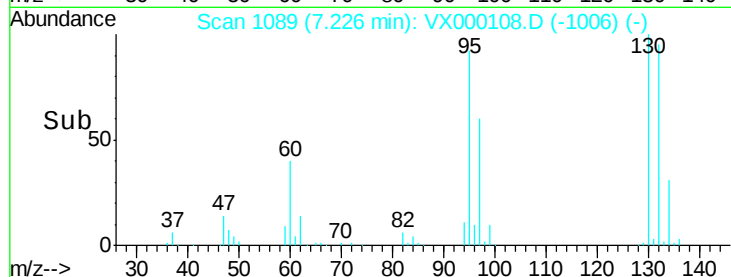
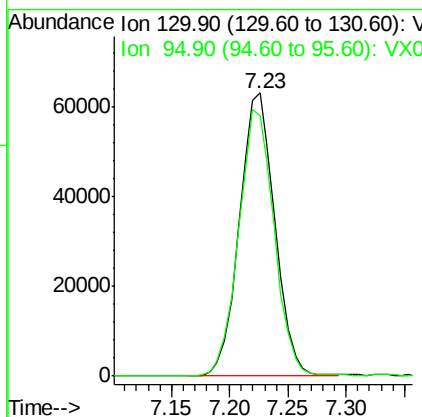
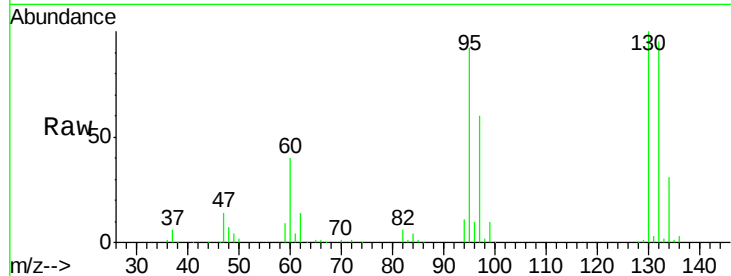
#37
 Trichloroethene
 Concen: 92.50 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: VX000108.D
 Acq: 20 Feb 2018 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:130 Resp: 133530
 Ion Ratio Lower Upper
 130 100
 95 91.9 74.6 112.0

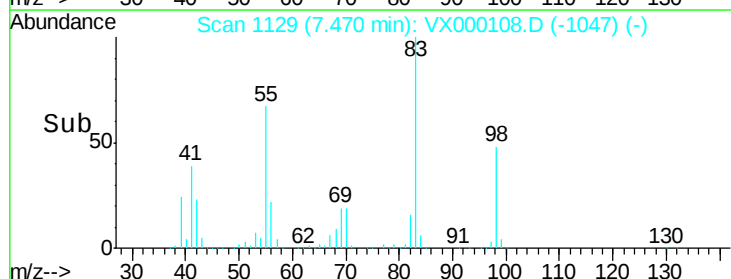
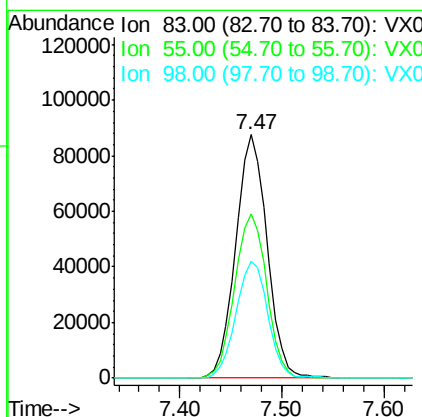
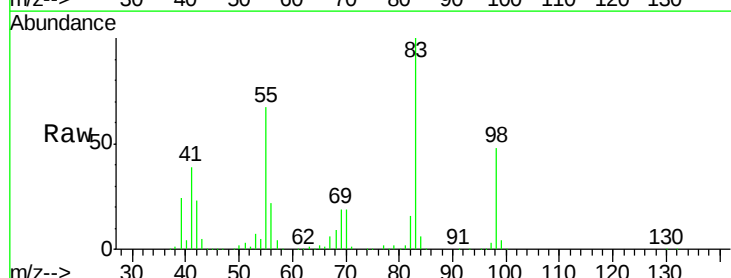
Manual Integrations
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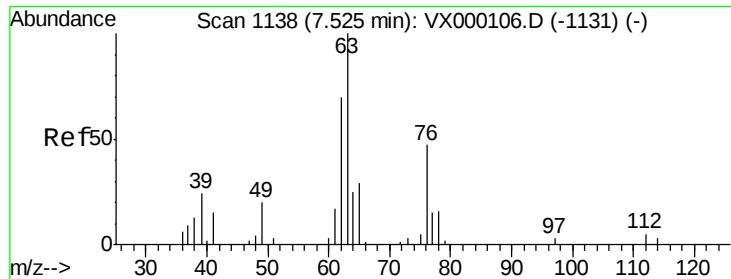
apatel
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#38
 Methylcyclohexane
 Concen: 95.62 ug/l
 RT: 7.47 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: VX000108.D
 Acq: 20 Feb 2018 14:43

Tgt Ion: 83 Resp: 187186
 Ion Ratio Lower Upper
 83 100
 55 68.6 35.9 107.7
 98 48.6 24.6 74.0





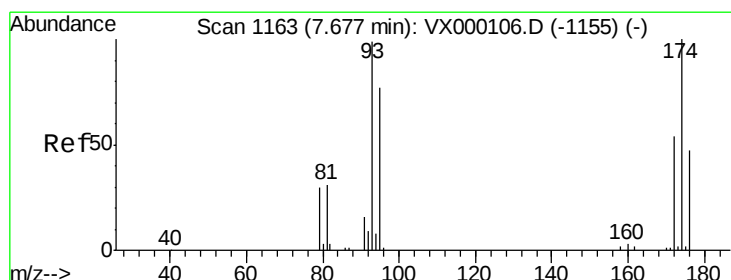
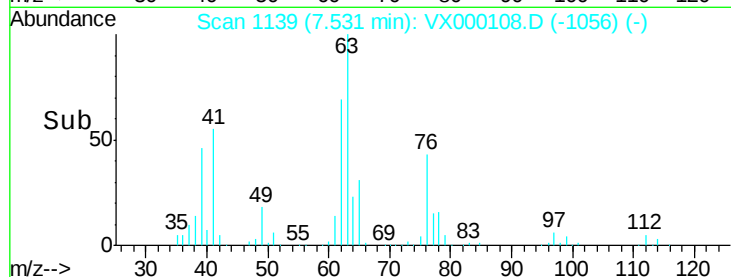
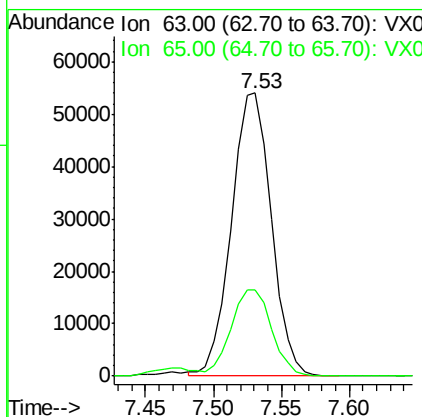
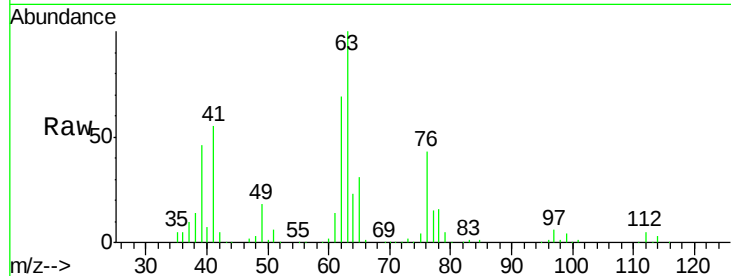
#39
 1,2-Dichloropropane
 Concen: 89.85 ug/l
 RT: 7.53 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VX000108.D
 Acq: 20 Feb 2018 14:43

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

Tot Ion: 63 Resp: 110259
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.0 37.6

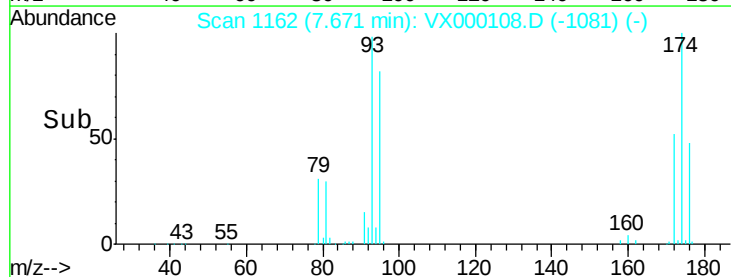
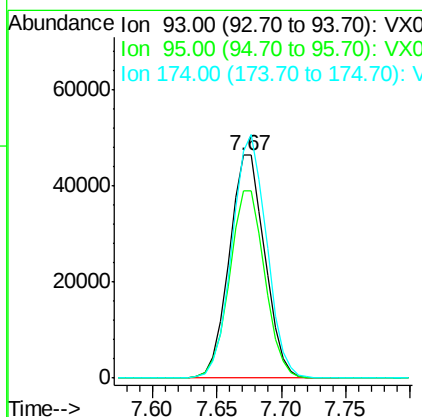
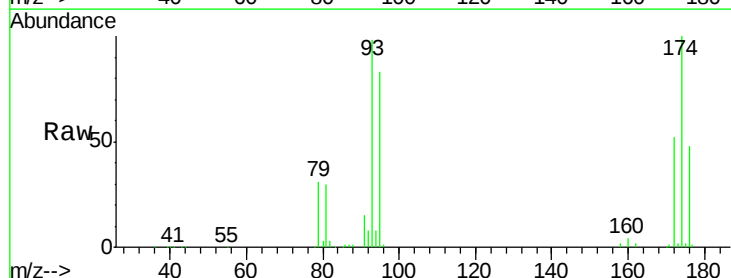
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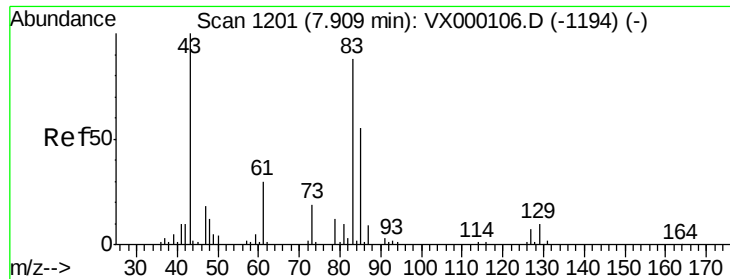
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#40
 Dibromomethane
 Concen: 97.09 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: VX000108.D
 Acq: 20 Feb 2018 14:43

Tgt Ion: 93 Resp: 89542
 Ion Ratio Lower Upper
 93 100
 95 83.3 0.0 170.6
 174 105.3 0.0 210.4





#41

Bromodichloromethane

Concen: 95.61 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000108.D

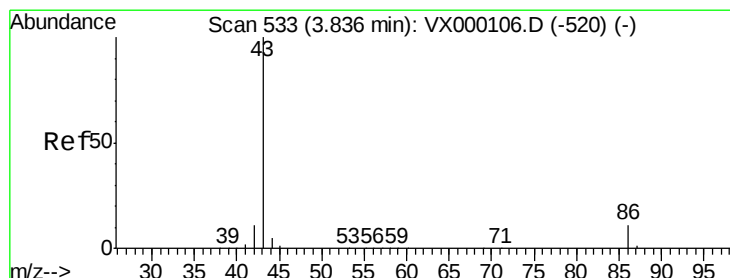
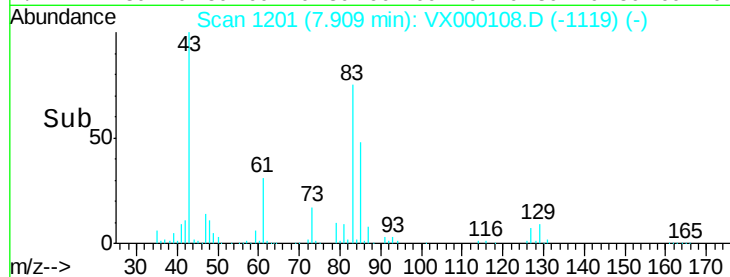
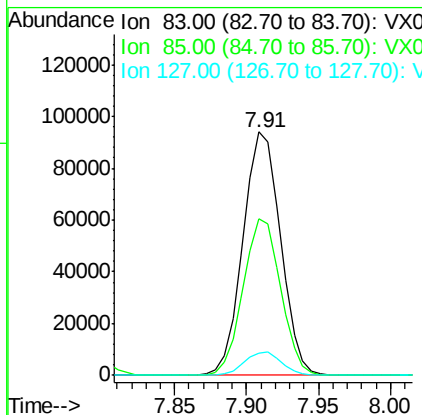
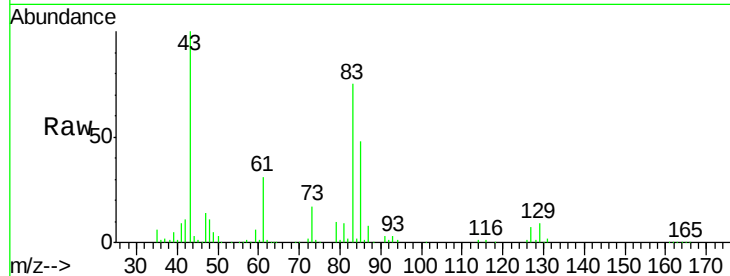
Acq: 20 Feb 2018 14:43

Tot Ion:	83	Resp:	170107
Ion Ratio	Lower	Upper	
83	100		
85	64.3	50.0	75.0
127	9.1	6.6	10.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Manual Integrations
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#42

Vinyl Acetate

Concen: 478.85 ug/l

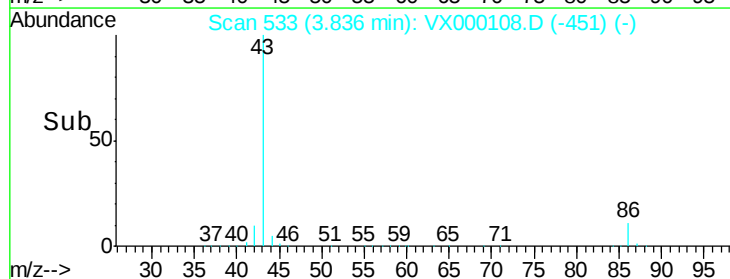
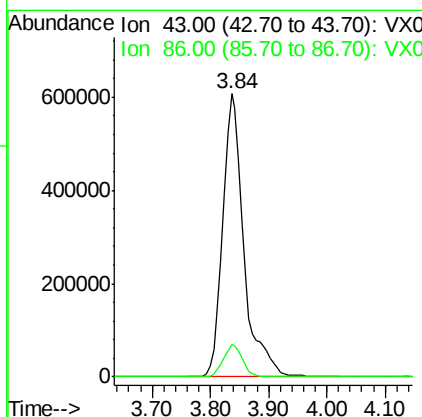
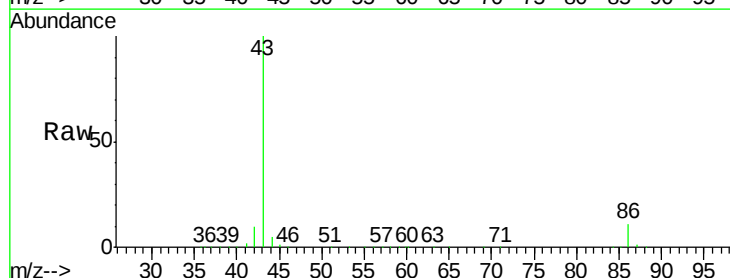
RT: 3.84 min Scan# 533

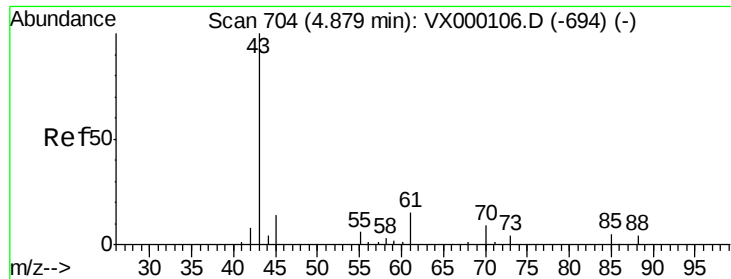
Delta R.T. -0.00 min

Lab File: VX000108.D

Acq: 20 Feb 2018 14:43

Tgt Ion:	43	Resp:	1528705
Ion Ratio	Lower	Upper	
43	100		
86	10.2	7.8	11.6





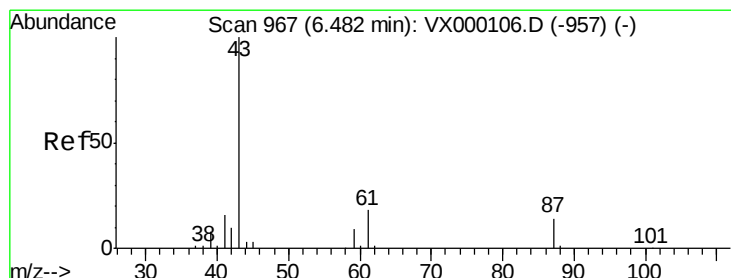
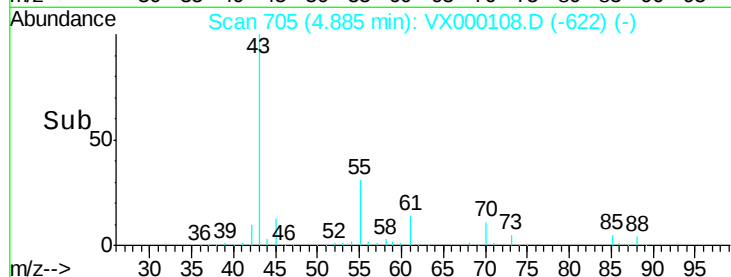
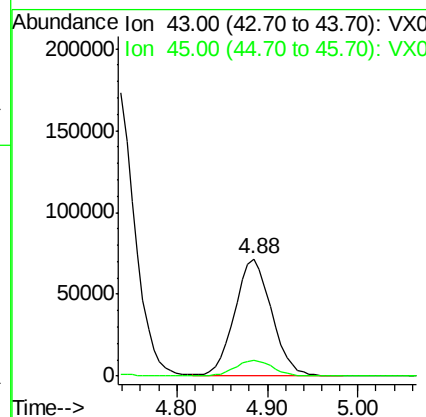
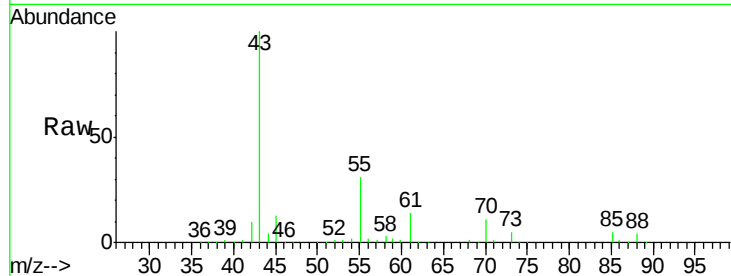
#43
Ethyl Acetate
Concen: 87.25 ug/l
RT: 4.88 min Scan# 705
Delta R.T. 0.01 min
Lab File: VX000108.D
Acq: 20 Feb 2018 14:43

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion: 43 Resp: 202456
Ion Ratio Lower Upper
43 100
45 14.3 11.4 17.0

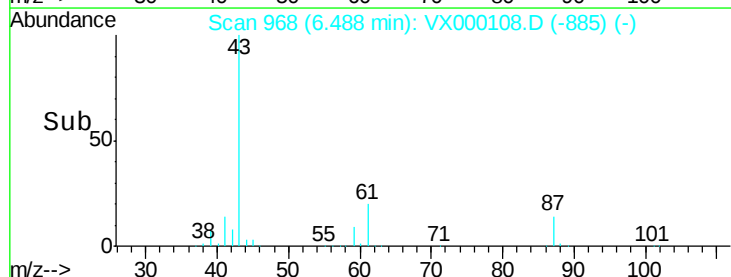
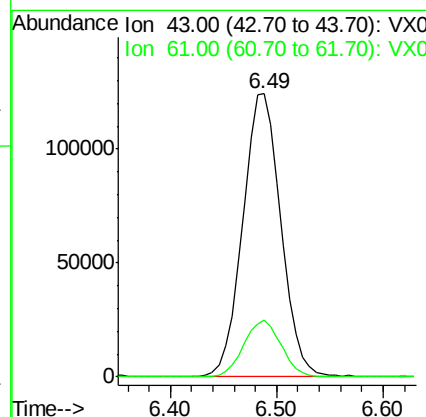
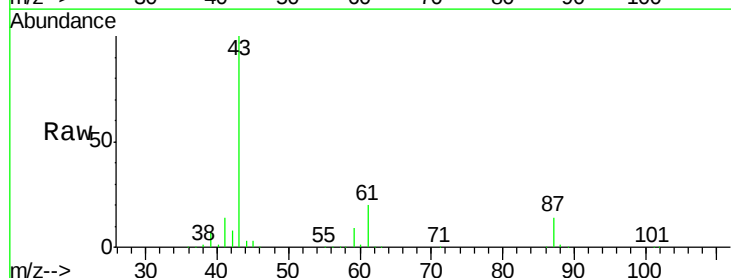
Manual Integrations
APPROVED

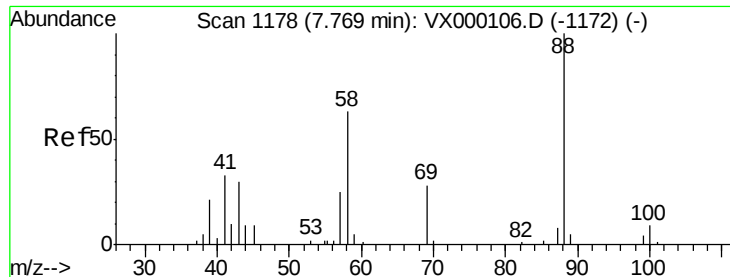
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#44
Isopropyl Acetate
Concen: 94.07 ug/l
RT: 6.49 min Scan# 968
Delta R.T. 0.01 min
Lab File: VX000108.D
Acq: 20 Feb 2018 14:43

Tgt Ion: 43 Resp: 311760
Ion Ratio Lower Upper
43 100
61 19.6 15.7 23.5





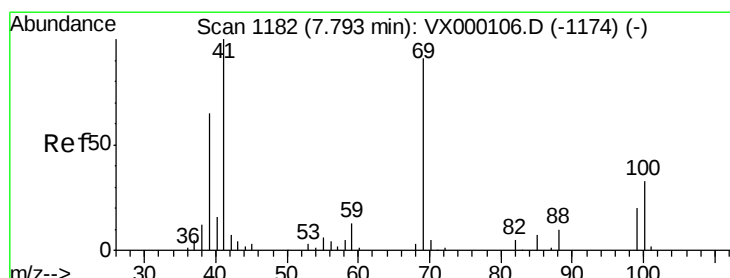
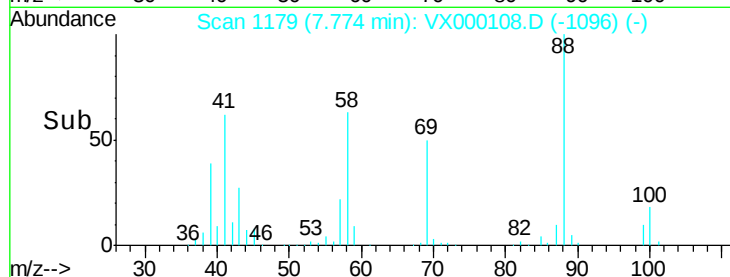
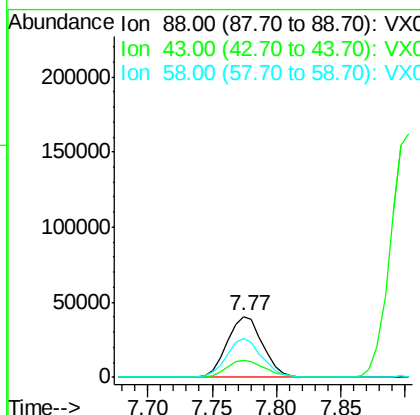
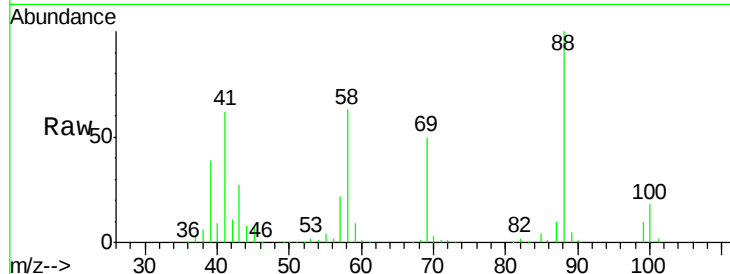
#45
 1,4-Dioxane
 Concen: 1892.12 ug/l
 RT: 7.77 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: VX000108.D
 Acq: 20 Feb 2018 14:43

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.9	26.8	40.2
58	62.8	52.1	78.1

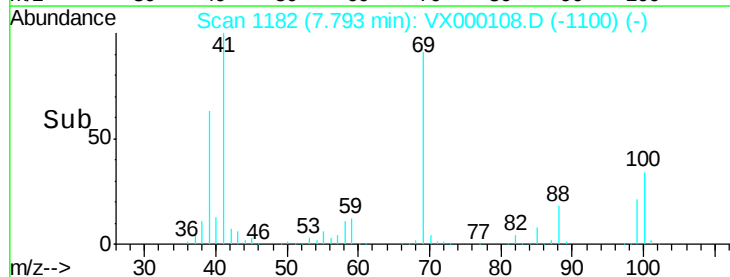
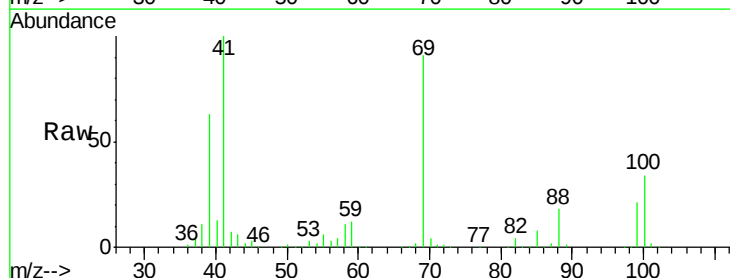
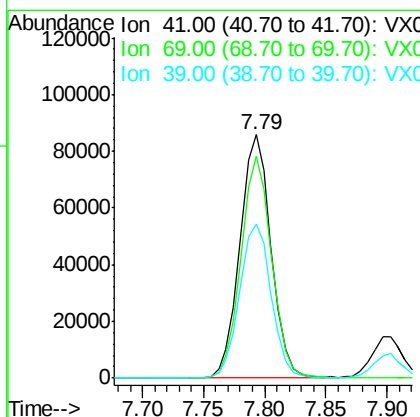
Manual Integrations
 APPROVED

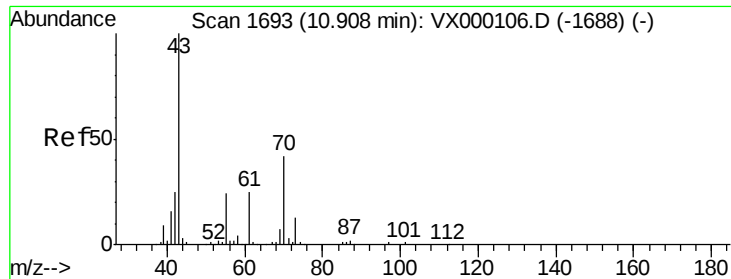
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#46
 Methyl methacrylate
 Concen: 93.76 ug/l
 RT: 7.79 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX000108.D
 Acq: 20 Feb 2018 14:43

Tgt Ion	Ratio	Lower	Upper
41	100		
69	91.0	45.5	136.5
39	63.1	32.5	97.5





#47

n-amvl Acetate

Concen: 104.12 ug/l

RT: 10.91 min Scan# 1693

Delta R.T. -0.00 min

Lab File: VX000108.D

Acq: 20 Feb 2018 14:43

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tot Ion: 43 Resp: 296496

Ion Ratio Lower Upper

43 100

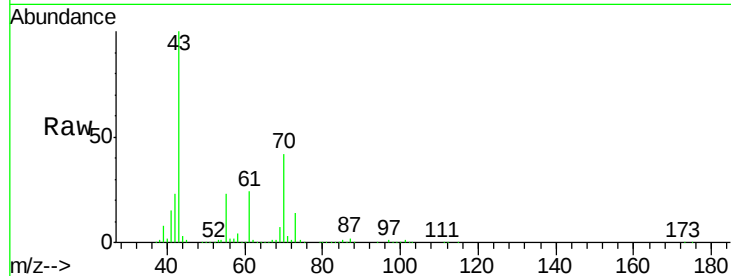
55 22.6 19.4 29.2

Manual Integrations

APPROVED

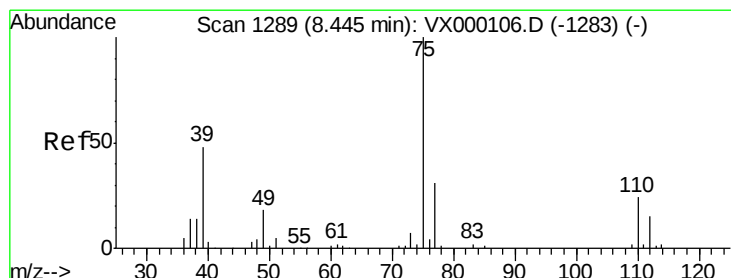
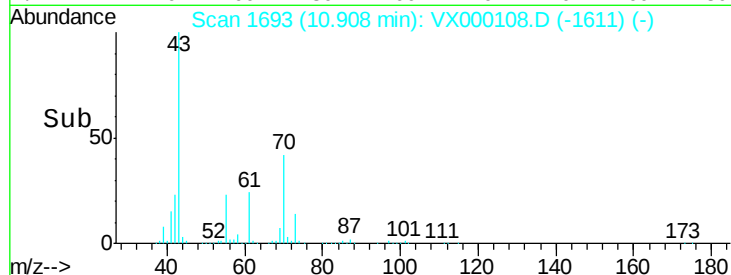
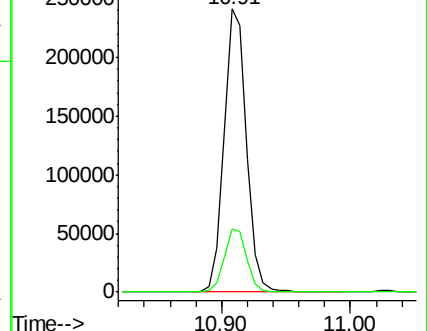
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 95.57 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000108.D

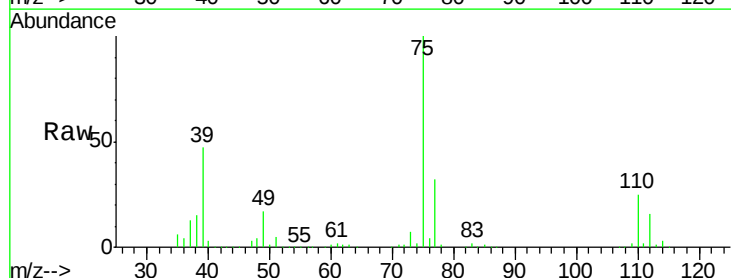
Acq: 20 Feb 2018 14:43

Tgt Ion: 75 Resp: 199623

Ion Ratio Lower Upper

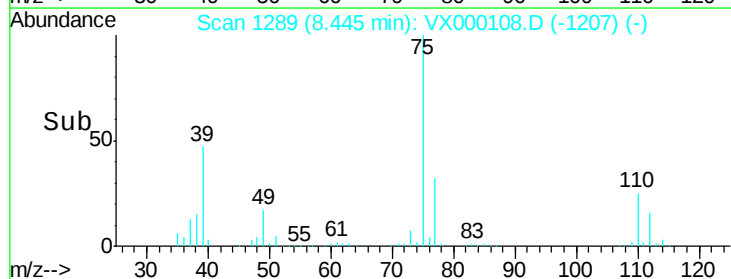
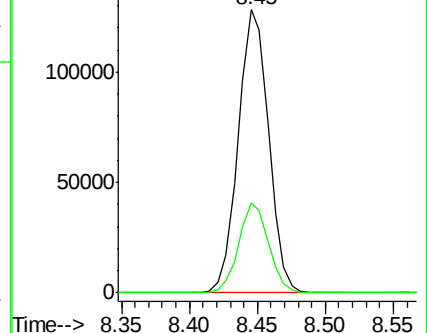
75 100

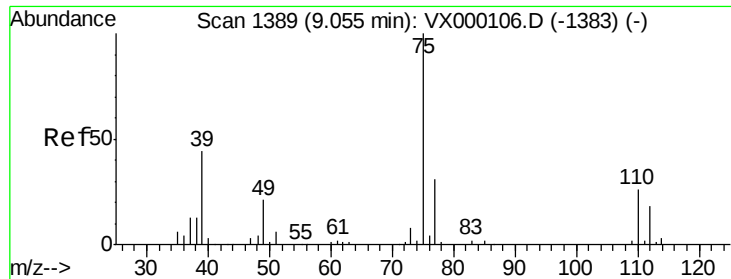
77 32.0 24.6 37.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





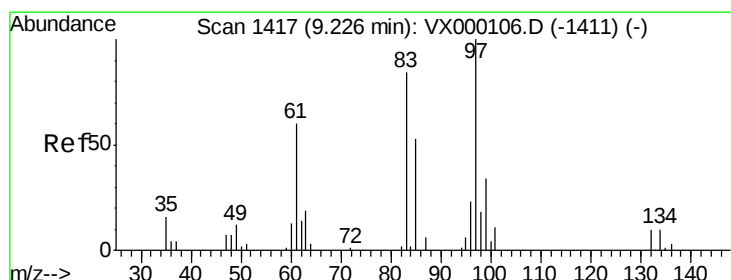
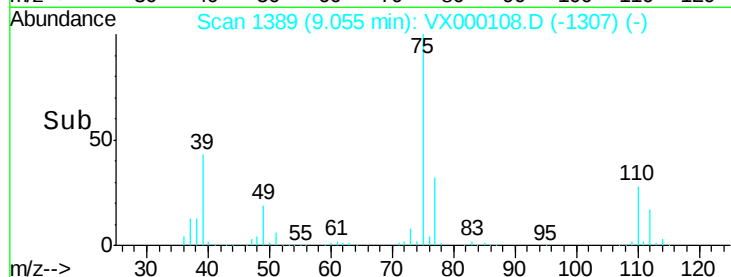
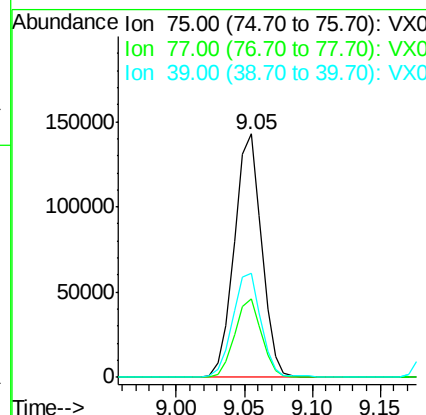
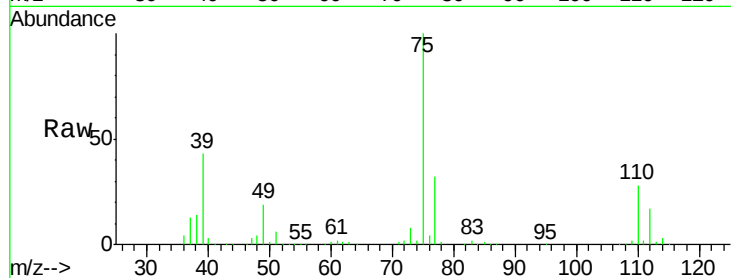
#49
 cis-1,3-Dichloropropene
 Concen: 98.97 ug/l
 RT: 9.05 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: VX000108.D
 Acq: 20 Feb 2018 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.5	36.7
39	42.5	35.6	53.4

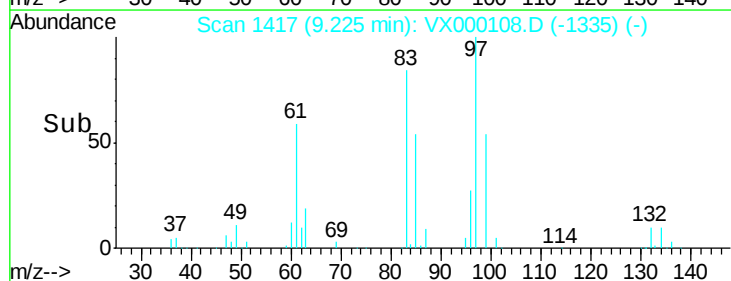
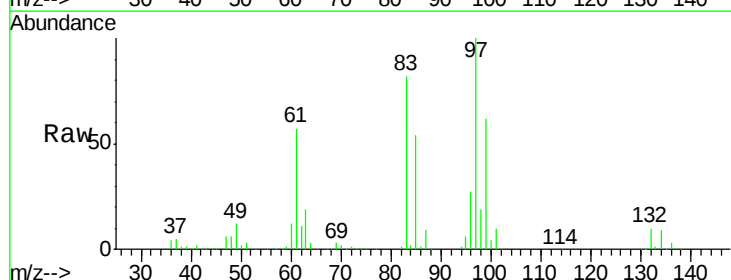
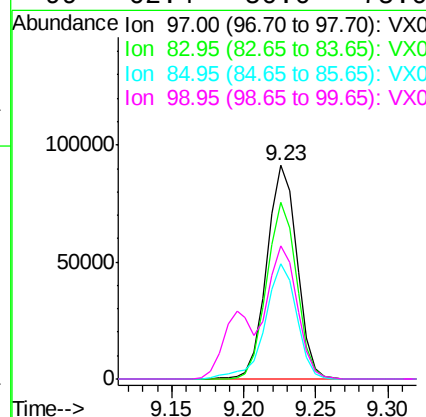
Manual Integrations
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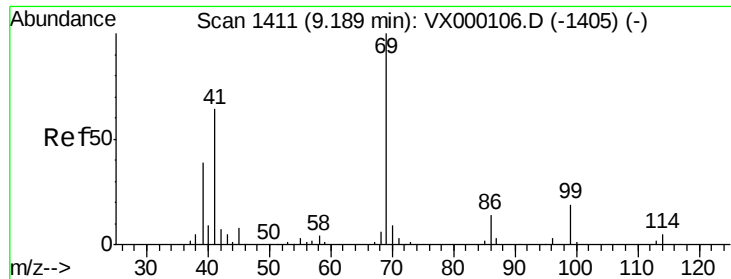
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#50
 1,1,2-Trichloroethane
 Concen: 99.56 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000108.D
 Acq: 20 Feb 2018 14:43

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.5	66.9	100.3
85	53.9	44.4	66.6
99	62.4	50.0	75.0





#51

Ethyl methacrylate

Concen: 101.96 ug/l

RT: 9.19 min Scan# 1412

Delta R.T. 0.01 min

Lab File: VX000108.D

Acq: 20 Feb 2018 14:43

Instrument :

MSVOA_X

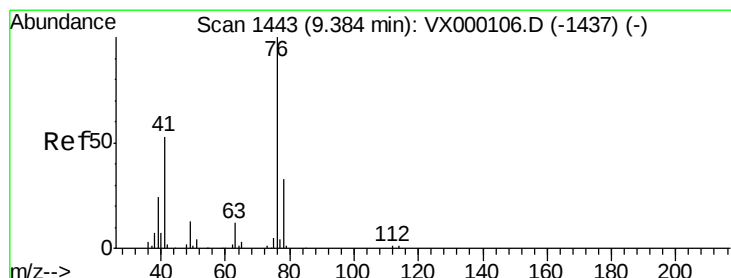
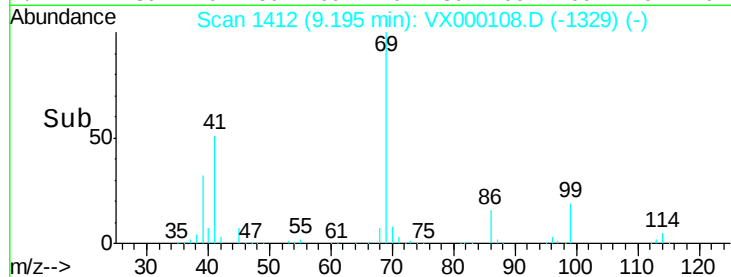
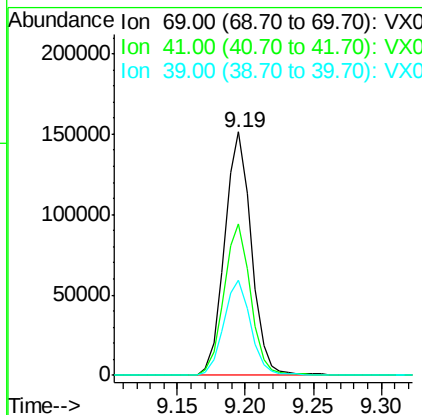
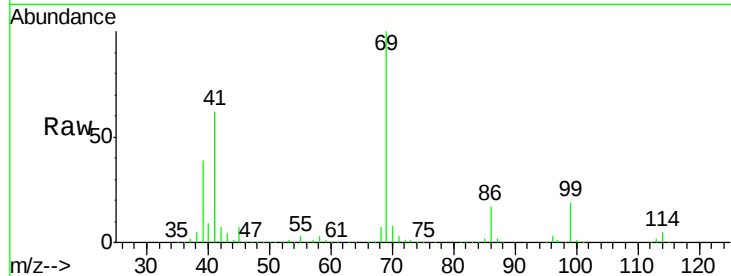
ClientSampleId :

VSTDIC100

Tot Ion:	69	Resp:	206693
Ion Ratio	Lower	Upper	
69	100		
41	61.9	32.1	96.3
39	39.1	19.6	58.7

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 93.63 ug/l

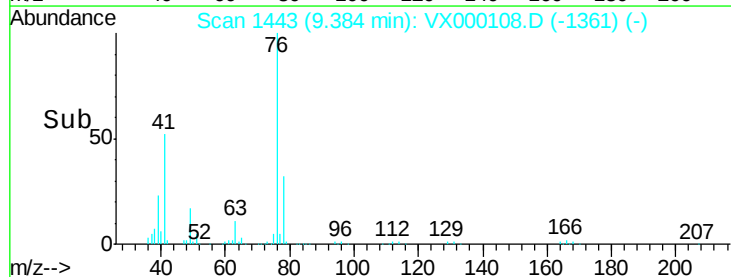
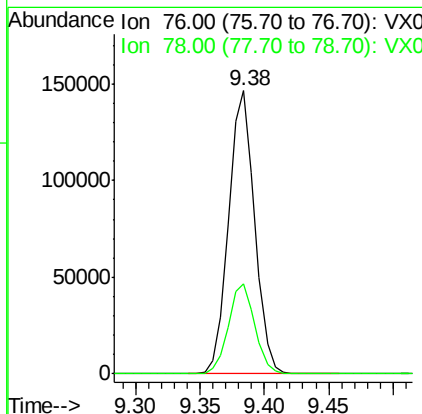
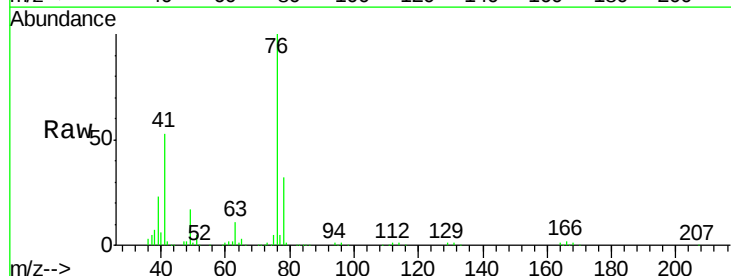
RT: 9.38 min Scan# 1443

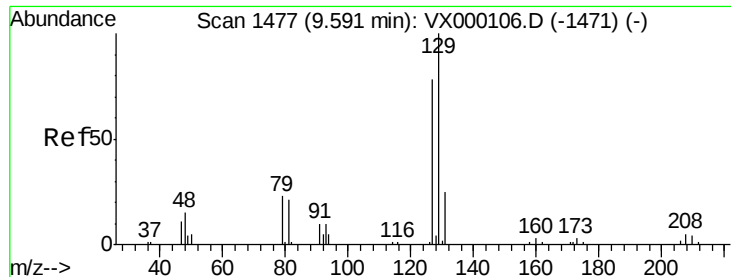
Delta R.T. -0.00 min

Lab File: VX000108.D

Acq: 20 Feb 2018 14:43

Tgt Ion:	76	Resp:	207095
Ion Ratio	Lower	Upper	
76	100		
78	32.1	0.0	65.0





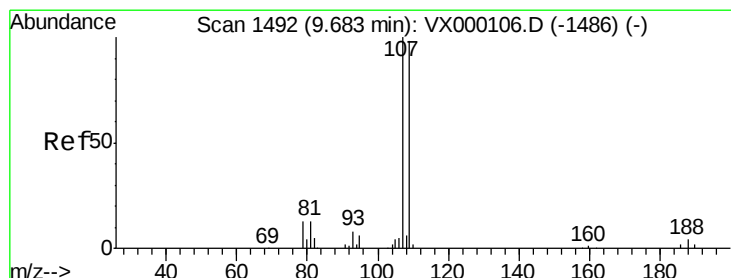
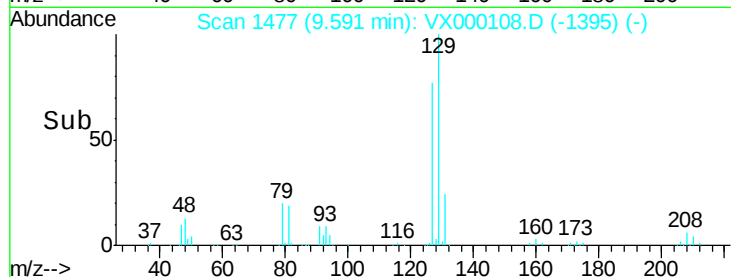
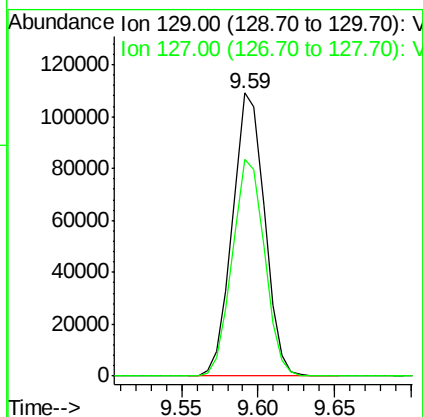
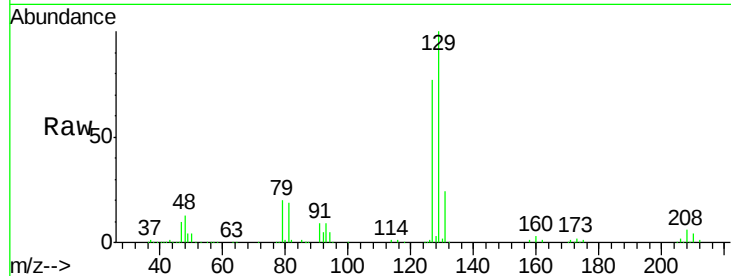
#53
Dibromochloromethane
Concen: 105.45 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000108.D
Acq: 20 Feb 2018 14:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
129	100		
127	76.9	37.5	112.5

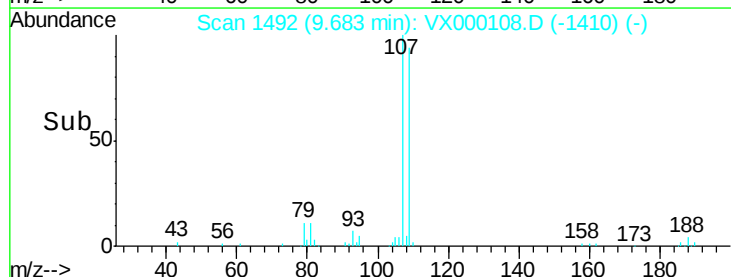
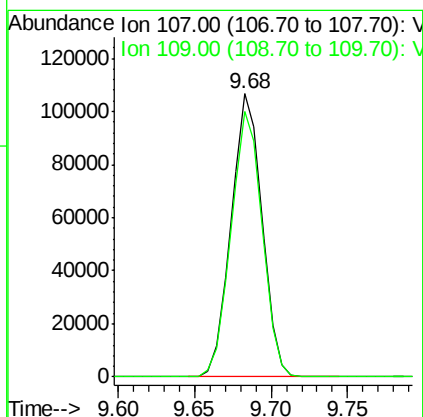
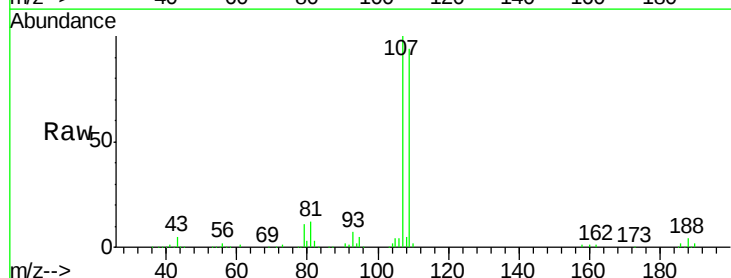
Manual Integrations
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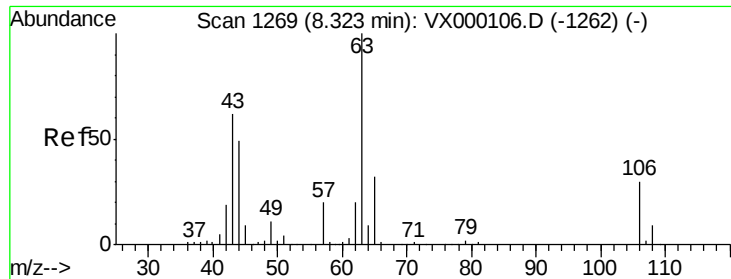
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#54
1,2-Dibromoethane
Concen: 98.56 ug/l
RT: 9.68 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX000108.D
Acq: 20 Feb 2018 14:43

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.3	74.5	111.7





#55

2-Chloroethyl vinyl ether

Concen: 449.39 ug/l

RT: 8.33 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VX000108.D

Acq: 20 Feb 2018 14:43

Instrument :

MSVOA_X

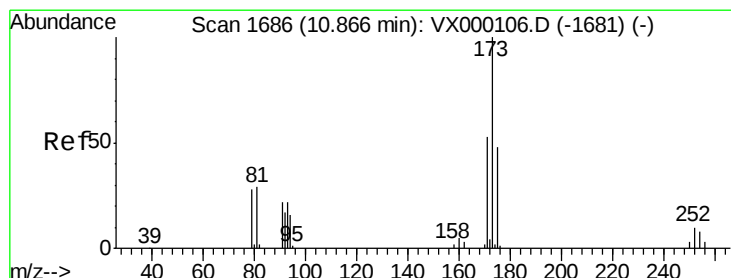
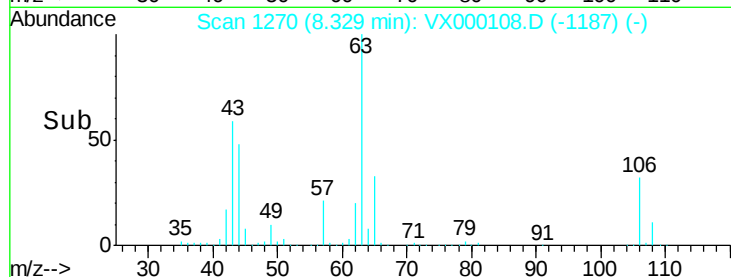
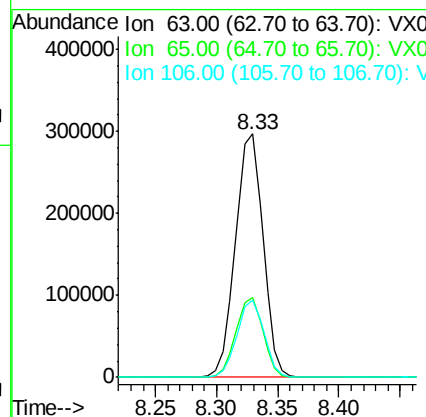
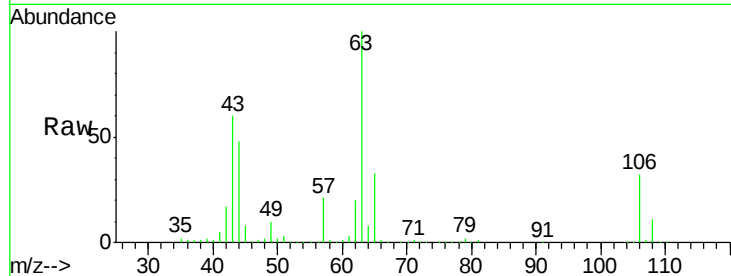
ClientSampleId :

VSTDIC100

Tot Ion:	63	Resp:	464501
Ion Ratio	Lower	Upper	
63	100		
65	32.5	25.8	38.8
106	31.1	23.8	35.6

Manual Integrations
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#56

Bromoform

Concen: 116.90 ug/l

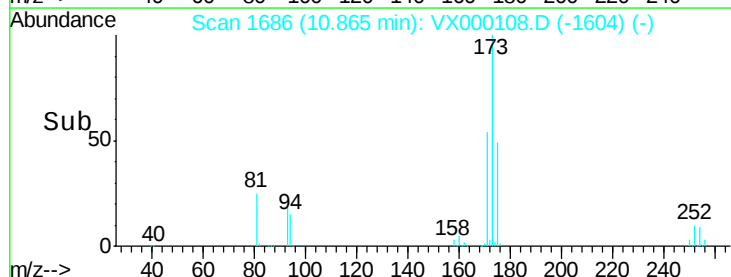
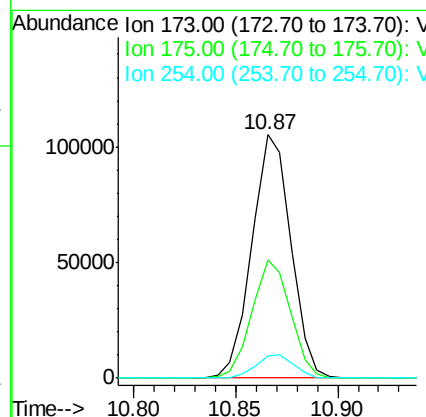
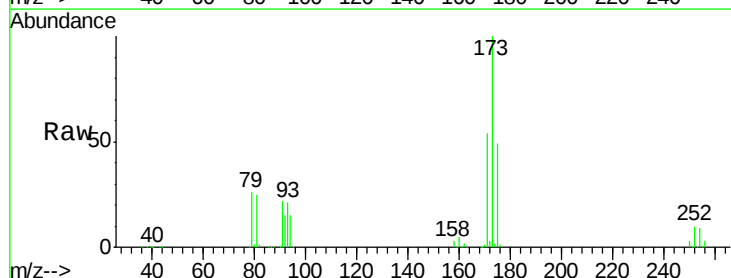
RT: 10.87 min Scan# 1686

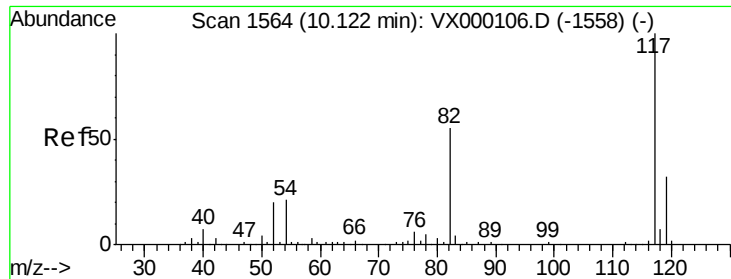
Delta R.T. -0.00 min

Lab File: VX000108.D

Acq: 20 Feb 2018 14:43

Tgt Ion:	173	Resp:	139988
Ion Ratio	Lower	Upper	
173	100		
175	48.1	39.0	58.4
254	9.6	7.0	10.4





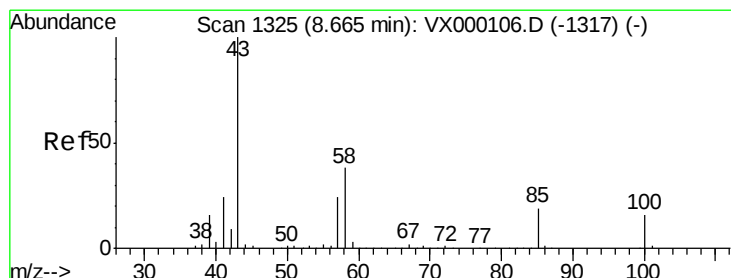
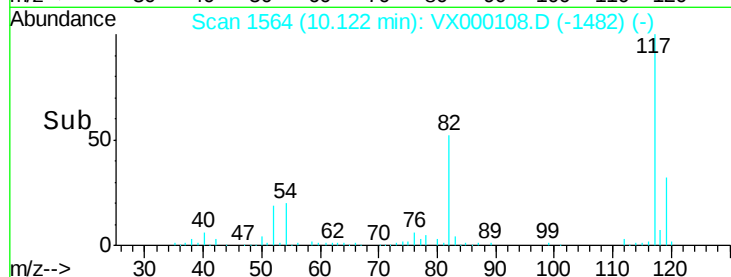
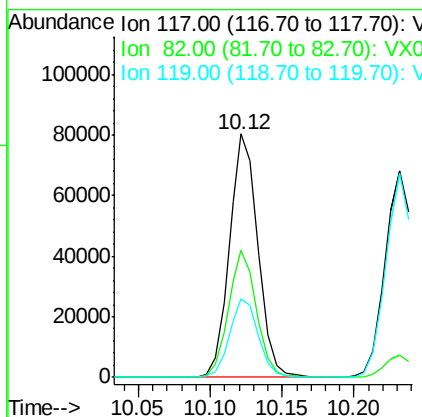
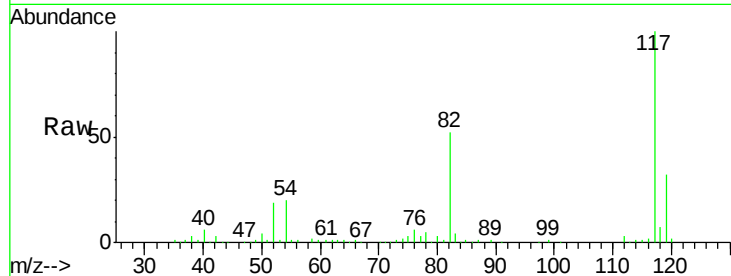
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000108.D
Acq: 20 Feb 2018 14:43

Instrument :
MSVOA_X
ClientSampled :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.5	43.0	64.4
119	32.4	25.8	38.8

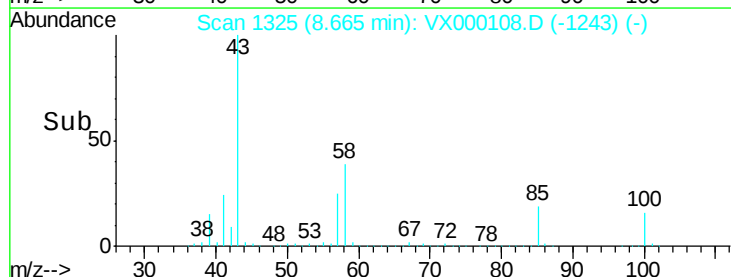
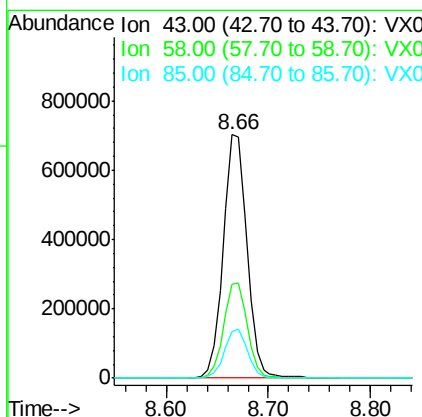
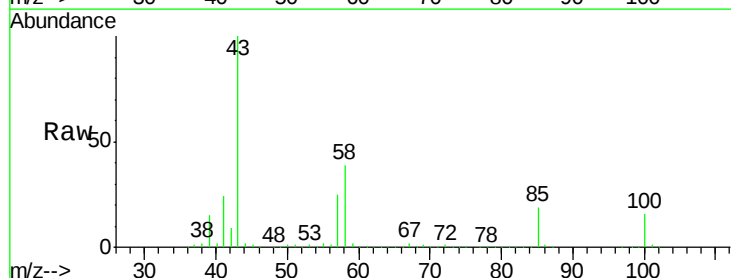
Manual Integrations
APPROVED

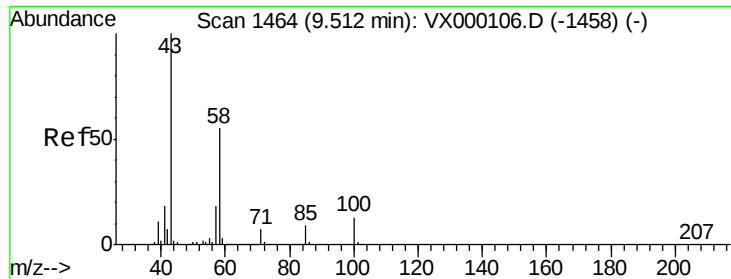
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#58
4-Methyl-2-Pentanone
Concen: 452.28 ug/l
RT: 8.66 min Scan# 1325
Delta R.T. -0.00 min
Lab File: VX000108.D
Acq: 20 Feb 2018 14:43

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.2	29.8	44.8
85	19.5	14.9	22.3





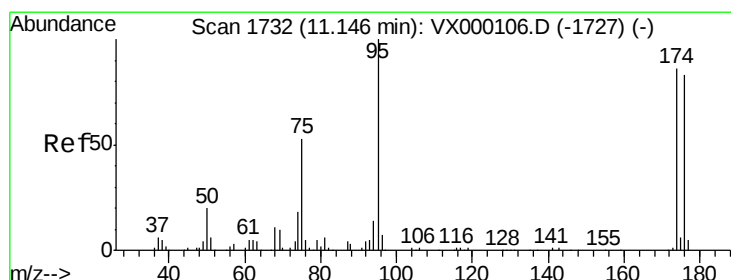
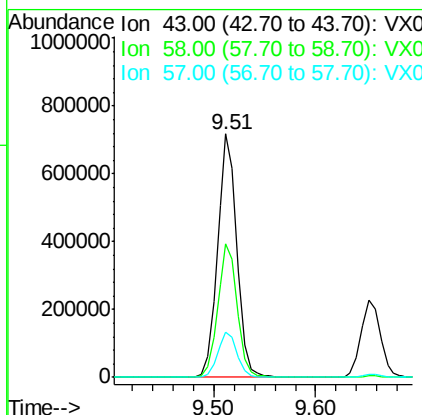
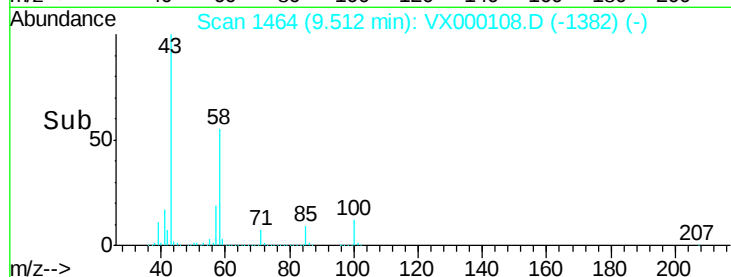
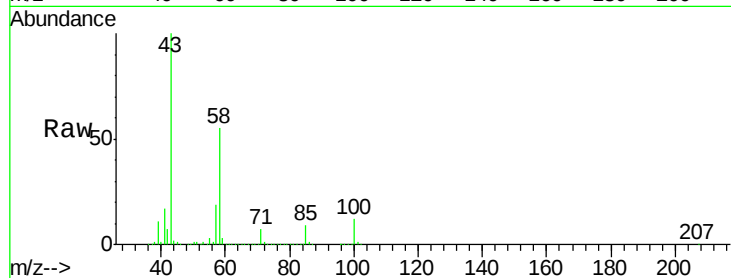
#59
2-Hexanone
Concen: 445.68 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. -0.00 min
Lab File: VX000108.D
Acq: 20 Feb 2018 14:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
58	55.2	43.0	64.6	
57	18.8	14.4	21.6	

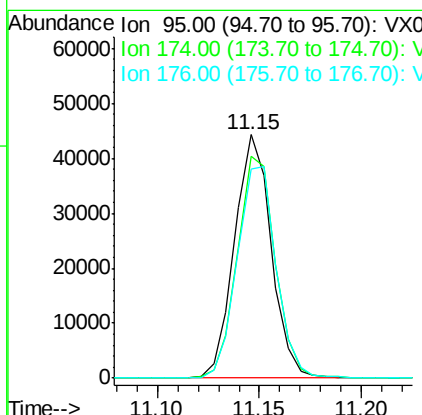
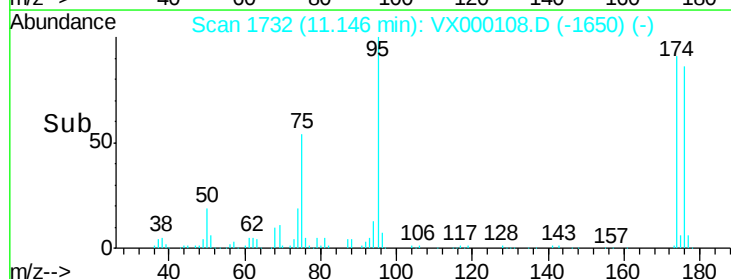
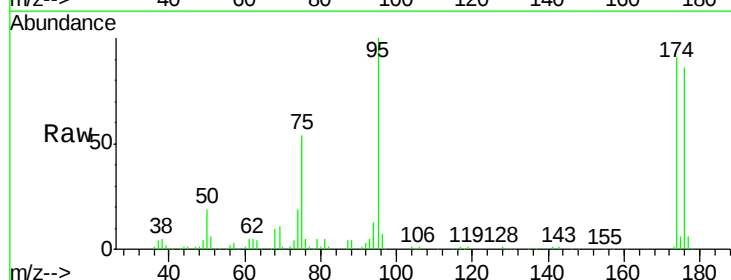
Manual Integrations
APPROVED

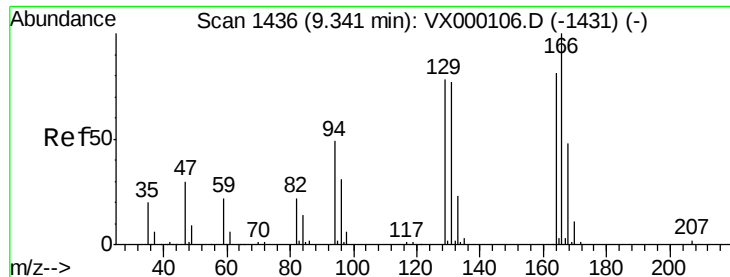
apatel
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#60
4-Bromofluorobenzene
Concen: 30.49 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000108.D
Acq: 20 Feb 2018 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
95	100			
174	94.7	71.1	106.7	
176	92.4	69.3	103.9	





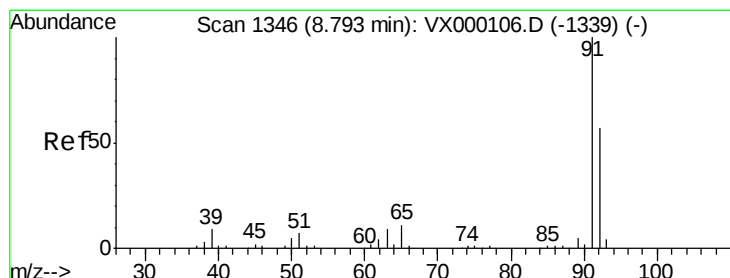
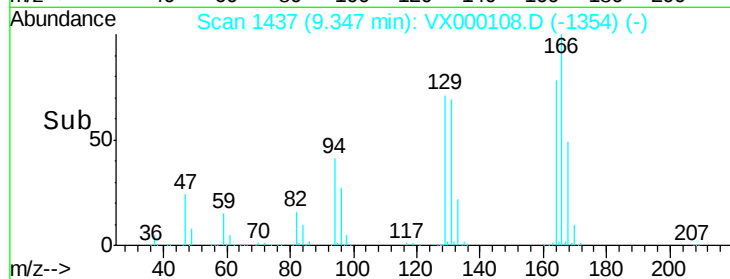
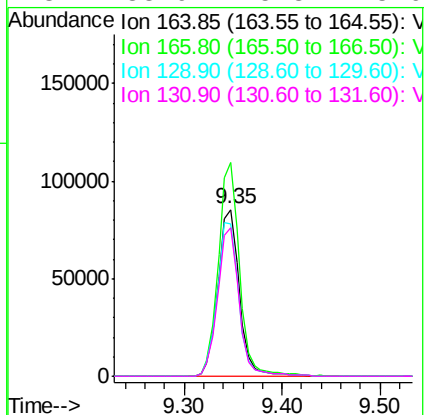
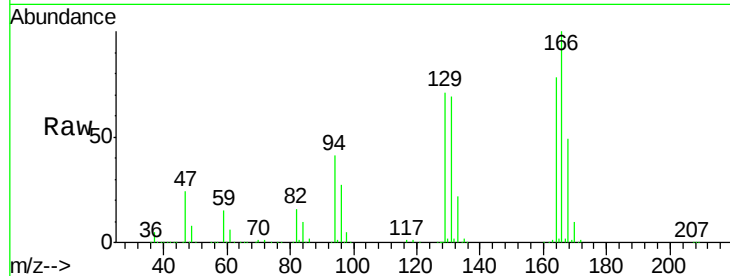
#61
 Tetrachloroethene
 Concen: 96.68 ug/l
 RT: 9.35 min Scan# 1437
 Delta R.T. 0.01 min
 Lab File: VX000108.D
 Acq: 20 Feb 2018 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	128.0	99.0	148.4	
129	91.2	77.0	115.6	
131	88.9	75.8	113.6	

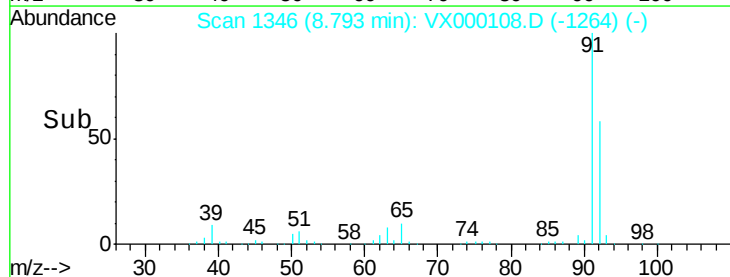
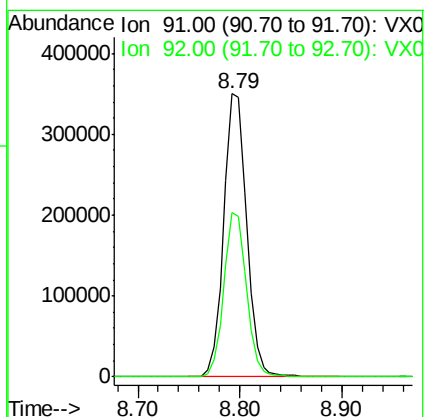
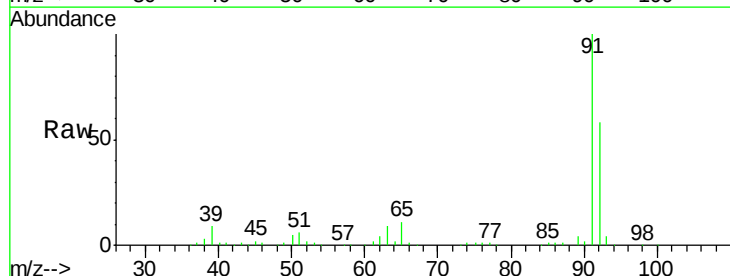
Manual Integrations
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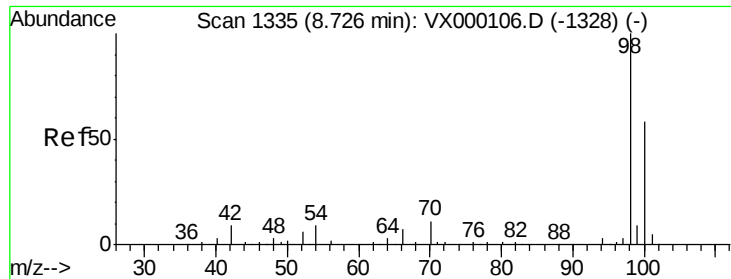
apatel
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#62
 Toluene
 Concen: 93.46 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX000108.D
 Acq: 20 Feb 2018 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
91	100			
92	57.1	45.4	68.0	





#63

Toluene-d8

Concen: 29.72 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000108.D

Acq: 20 Feb 2018 14:43

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tot Ion: 98 Resp: 142097

Ion Ratio Lower Upper

98 100

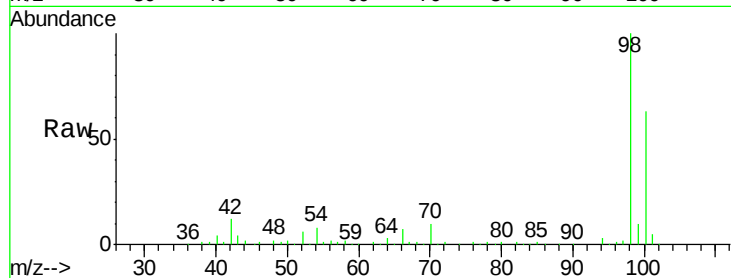
100 67.4 50.0 75.0

Manual Integrations

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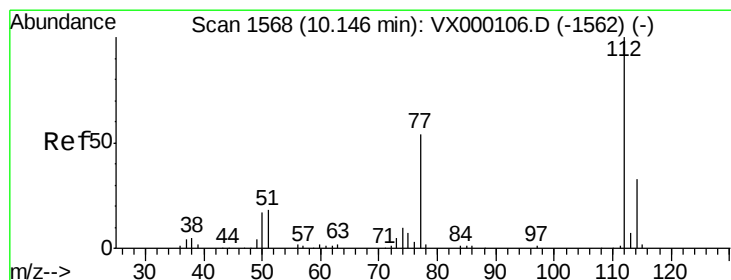
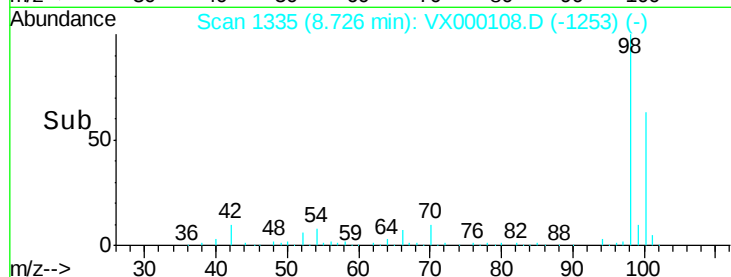
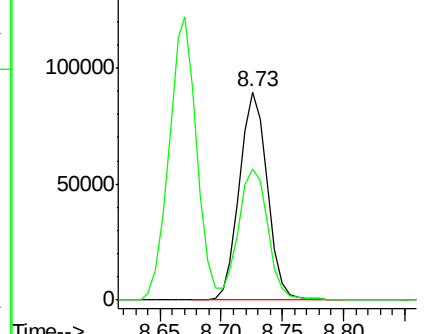
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Abundance Ion 98.00 (97.70 to 98.70): VX000106.D (-1328) (-)

Ion 100.00 (99.70 to 100.70): VX000106.D (-1328) (-)



#64

Chlorobenzene

Concen: 95.24 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX000108.D

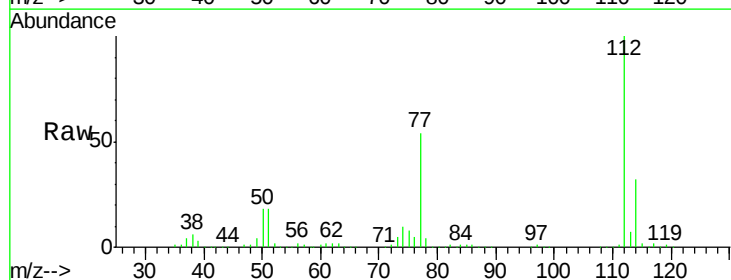
Acq: 20 Feb 2018 14:43

Tgt Ion: 112 Resp: 372067

Ion Ratio Lower Upper

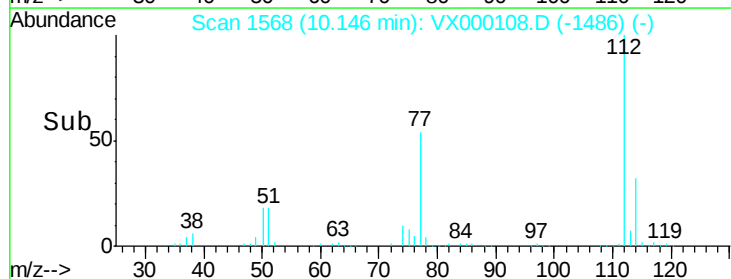
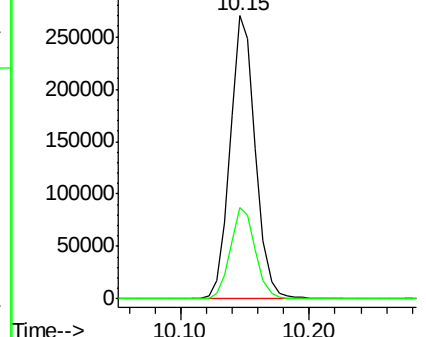
112 100

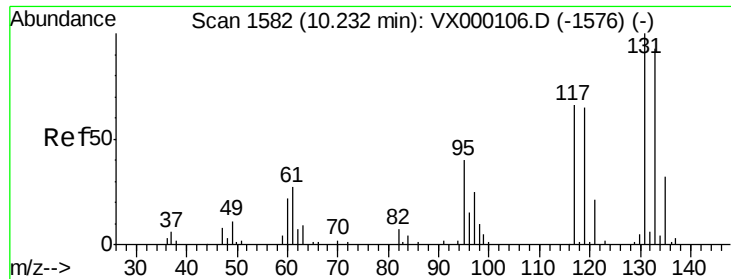
114 32.3 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): VX000106.D (-1562) (-)

Ion 114.00 (113.70 to 114.70): VX000106.D (-1562) (-)





#65

1,1,1,2-Tetrachloroethane

Concen: 99.16 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VX000108.D

Acq: 20 Feb 2018 14:43

Instrument :

MSVOA_X

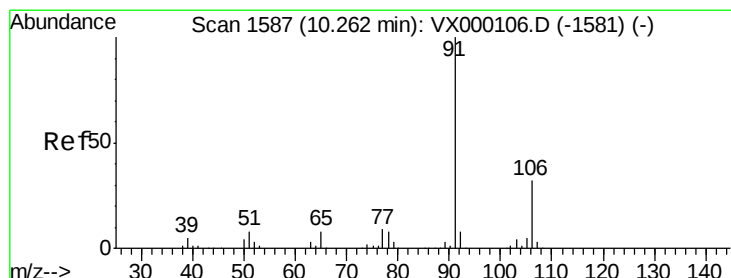
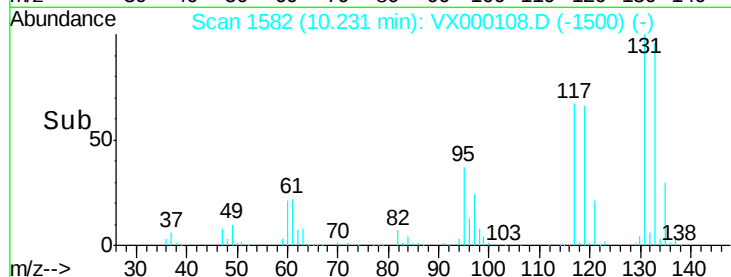
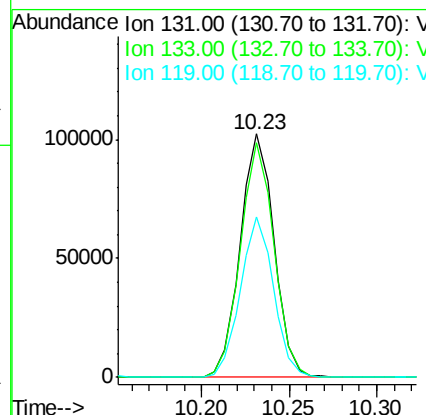
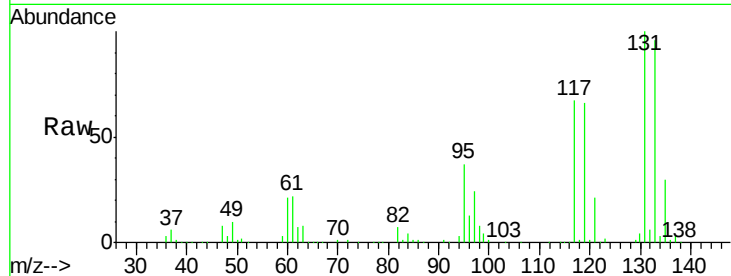
ClientSampleId :

VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
131	100	138117		
133	95.9	0.0	187.6	
119	64.6	0.0	134.0	

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#66

Ethyl Benzene

Concen: 91.92 ug/l

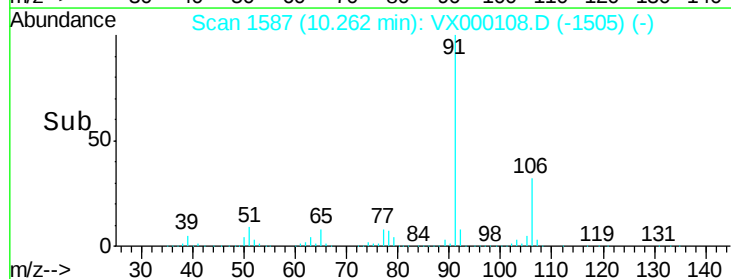
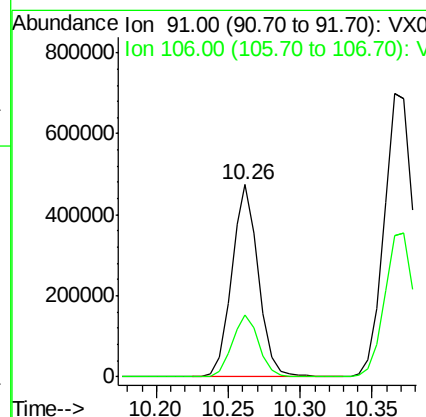
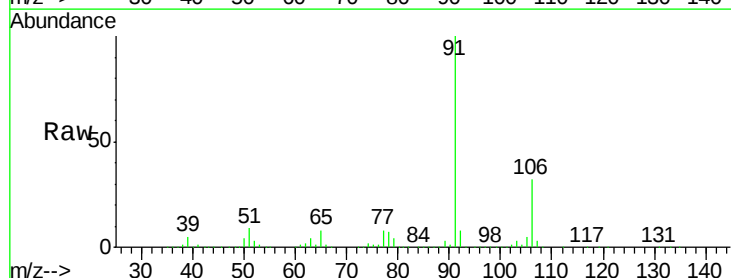
RT: 10.26 min Scan# 1587

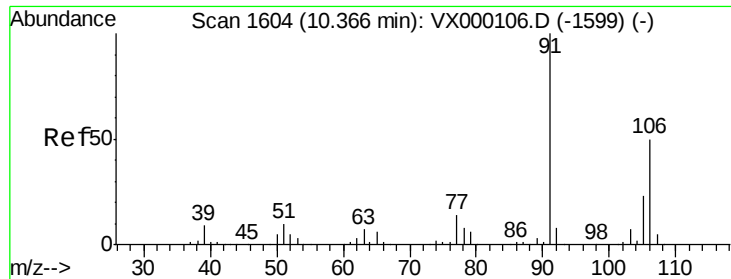
Delta R.T. -0.00 min

Lab File: VX000108.D

Acq: 20 Feb 2018 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	618475		
106	32.4	25.9	38.9	





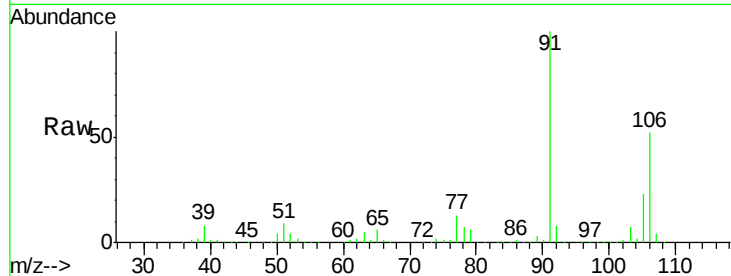
#67
m/p-Xvlenes
Concen: 193.98 ug/l
RT: 10.37 min Scan# 1605
Delta R.T. 0.01 min
Lab File: VX000108.D
Acq: 20 Feb 2018 14:43

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

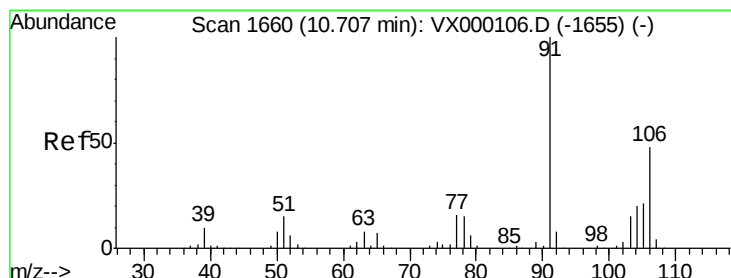
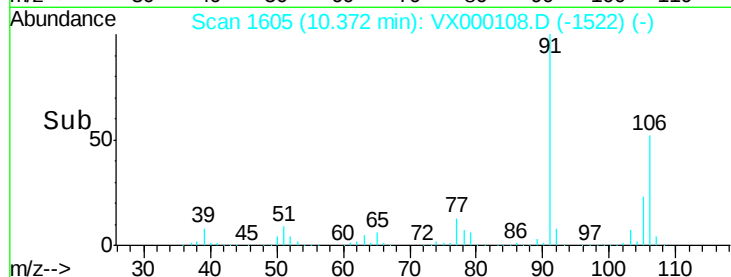
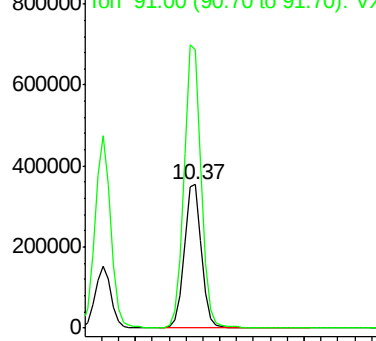
Tot Ion:106 Resp: 500654
Ion Ratio Lower Upper
106 100
91 196.9 161.6 242.4

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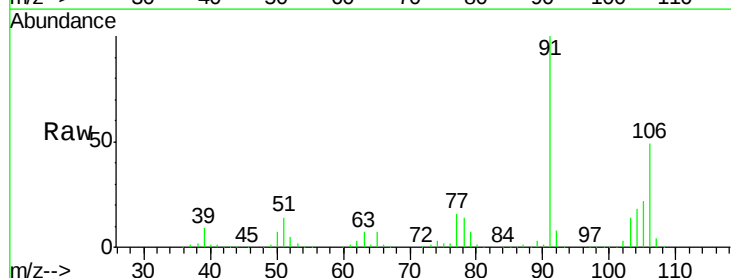


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

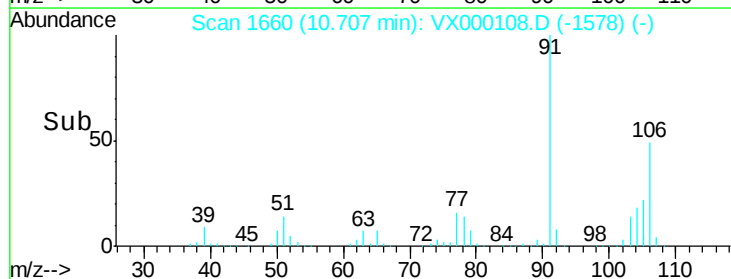
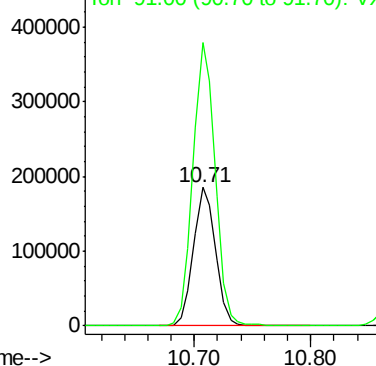


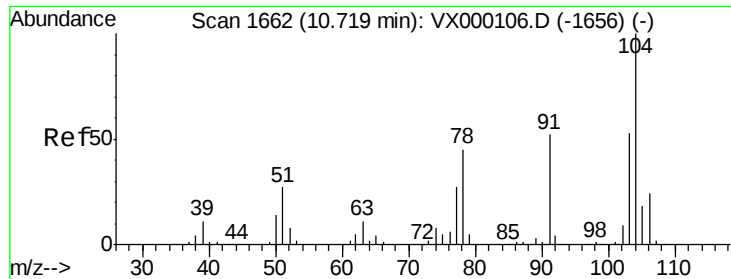
#68
o-Xylene
Concen: 95.53 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000108.D
Acq: 20 Feb 2018 14:43

Tgt Ion:106 Resp: 243377
Ion Ratio Lower Upper
106 100
91 205.5 105.6 316.8



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





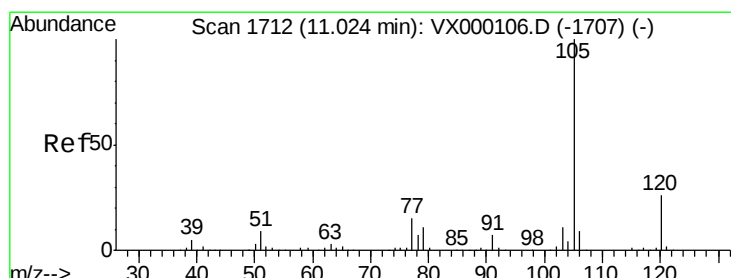
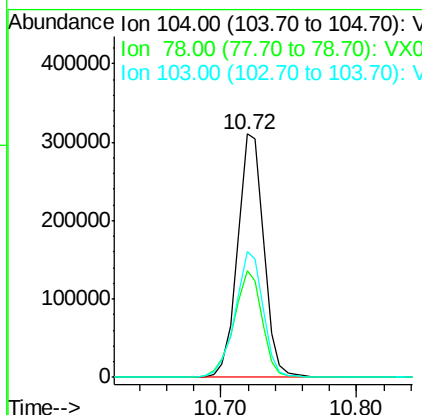
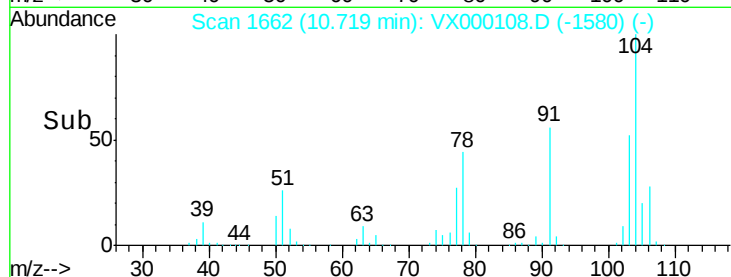
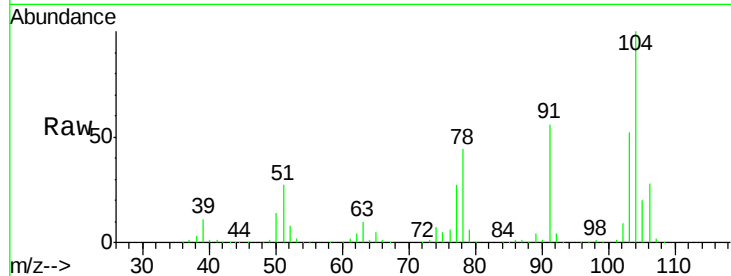
#69
Stvrene
Concen: 98.69 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000108.D
Acq: 20 Feb 2018 14:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.6	39.0	58.4
103	55.1	44.7	67.1

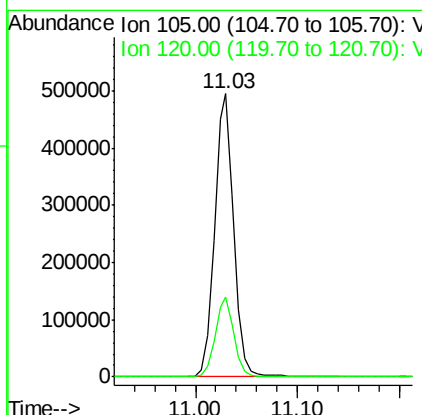
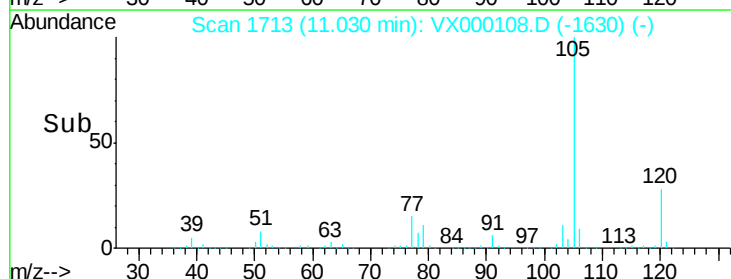
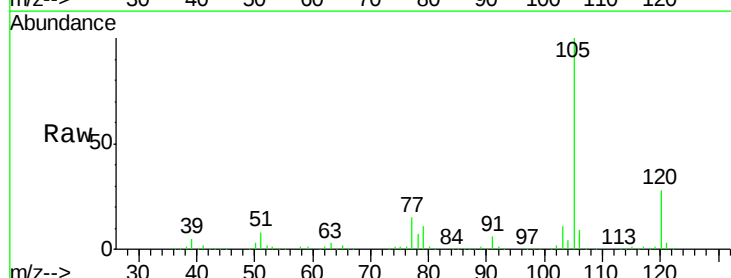
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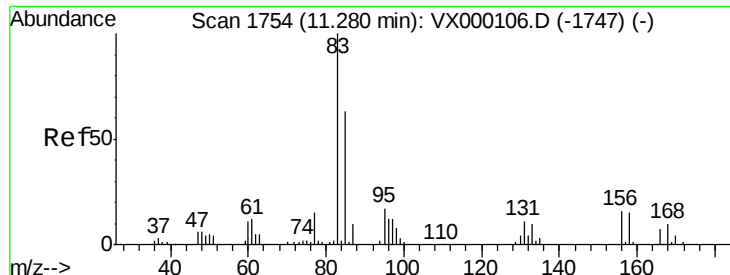
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#70
Isopropylbenzene
Concen: 94.27 ug/l
RT: 11.03 min Scan# 1713
Delta R.T. 0.01 min
Lab File: VX000108.D
Acq: 20 Feb 2018 14:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.7	18.8	35.0





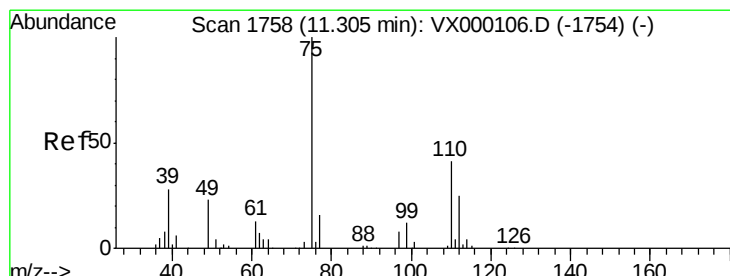
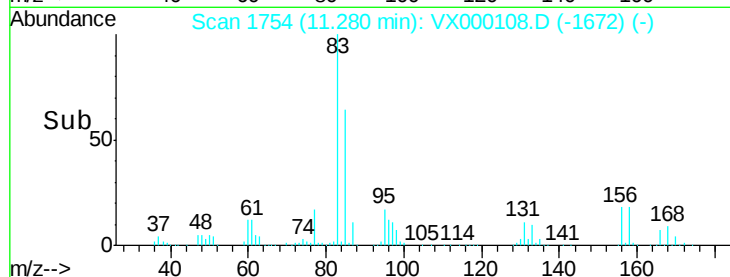
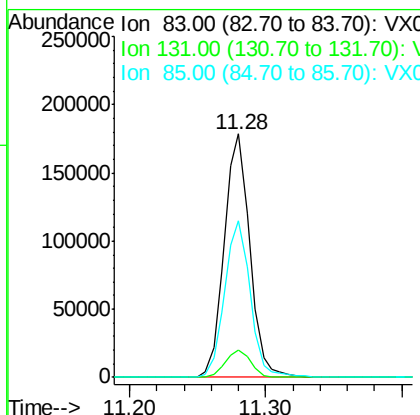
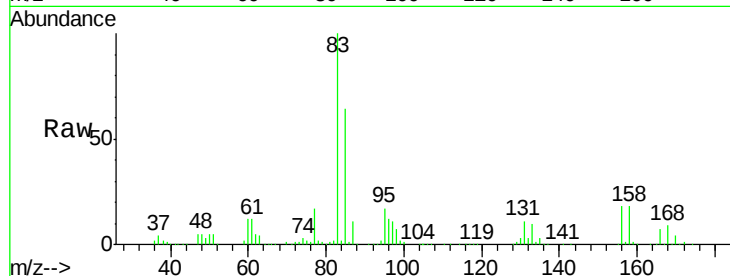
#71
 1,1,2,2-Tetrachloroethane
 Concen: 98.23 ug/l
 RT: 11.28 min Scan# 1754
 Delta R.T. -0.00 min
 Lab File: VX000108.D
 Acq: 20 Feb 2018 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	83	Resp	233005
Ion Ratio	100	Lower	Upper
83	100		
131	11.2	5.3	16.1
85	64.6	32.5	97.5

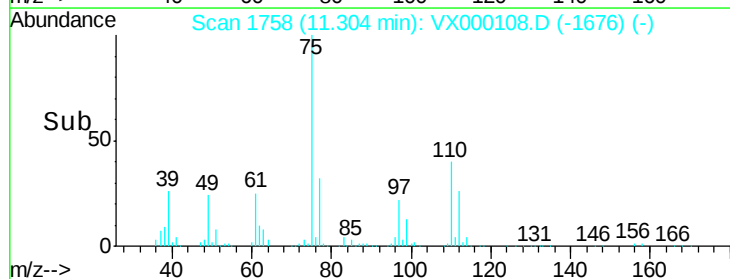
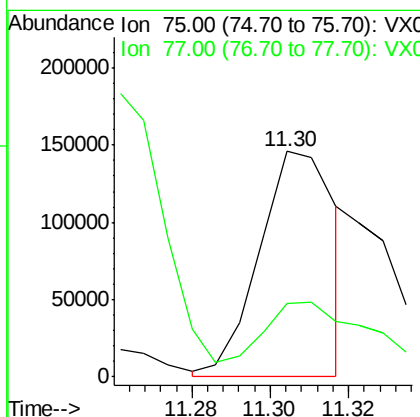
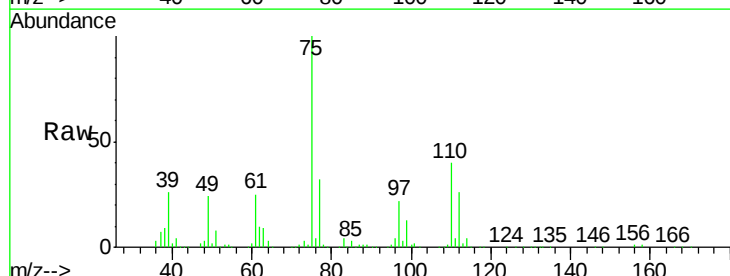
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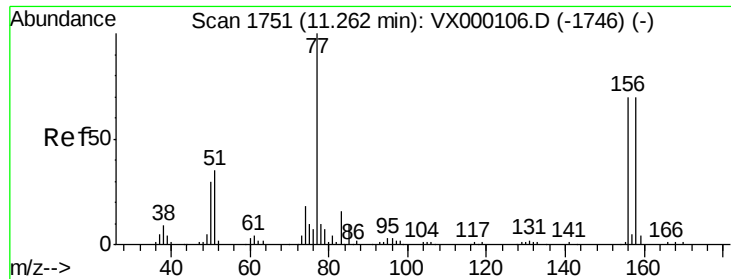
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#72
 1,2,3-Trichloropropane
 Concen: 89.65 ug/l m
 RT: 11.30 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VX000108.D
 Acq: 20 Feb 2018 14:43

Tgt Ion	75	Resp	195360
Ion Ratio	100	Lower	Upper
75	100		
77	48.1	0.0	85.8





#73

Bromobenzene

Concen: 100.79 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.01 min

Lab File: VX000108.D

Acq: 20 Feb 2018 14:43

Instrument :

MSVOA_X

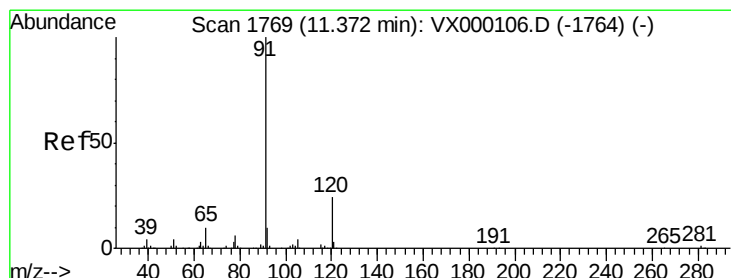
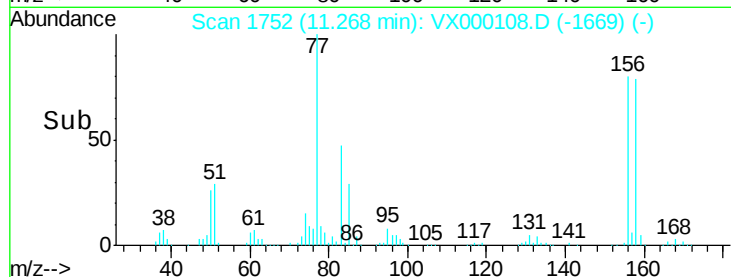
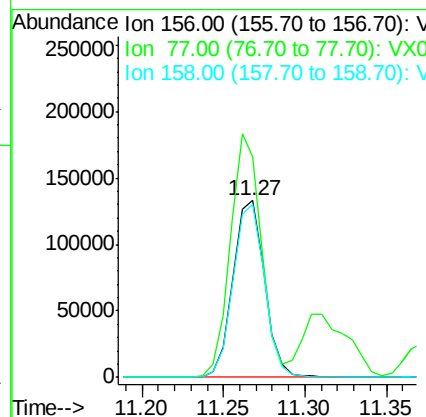
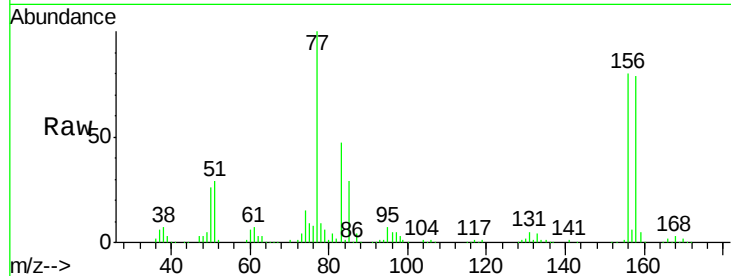
ClientSampleId :

VSTDIC100

Tot Ion:	156	Resp:	179120
Ion Ratio	Lower	Upper	
156	100		
77	133.6	0.0	280.2
158	97.7	0.0	197.2

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#74

n-propylbenzene

Concen: 93.58 ug/l

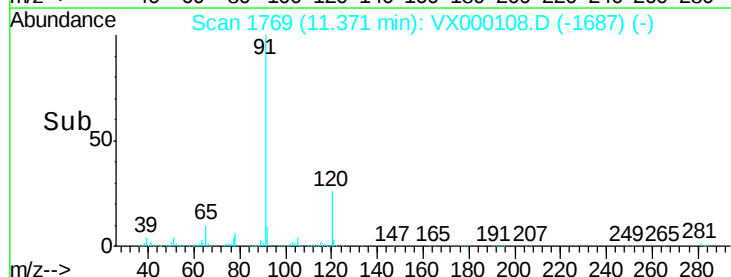
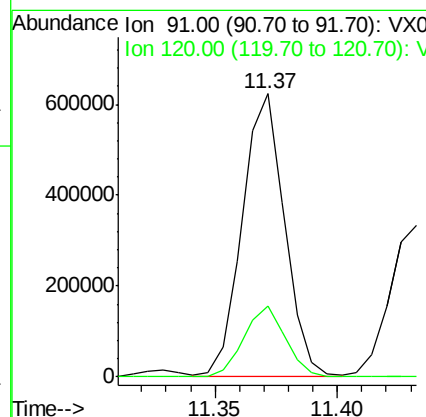
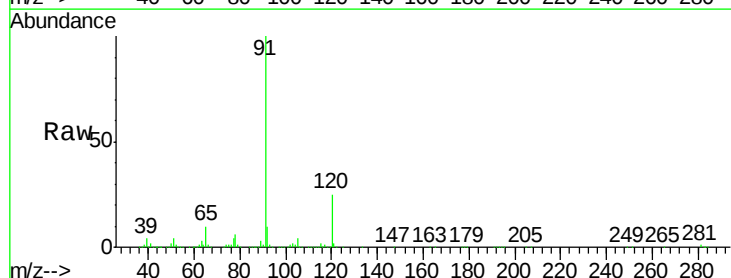
RT: 11.37 min Scan# 1769

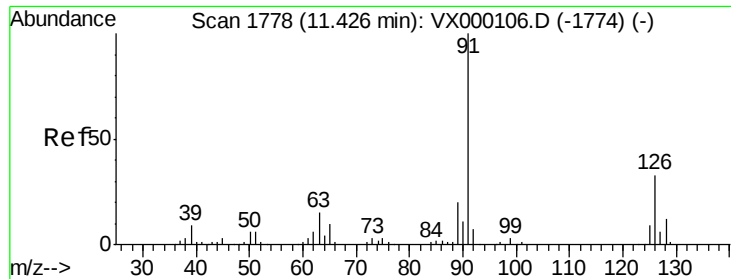
Delta R.T. -0.00 min

Lab File: VX000108.D

Acq: 20 Feb 2018 14:43

Tgt Ion:	91	Resp:	753917
Ion Ratio	Lower	Upper	
91	100		
120	24.6	0.0	47.4





#75

2-Chlorotoluene

Concen: 92.41 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX000108.D

Acq: 20 Feb 2018 14:43

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tot Ion: 91 Resp: 434998

Ion Ratio Lower Upper

91 100

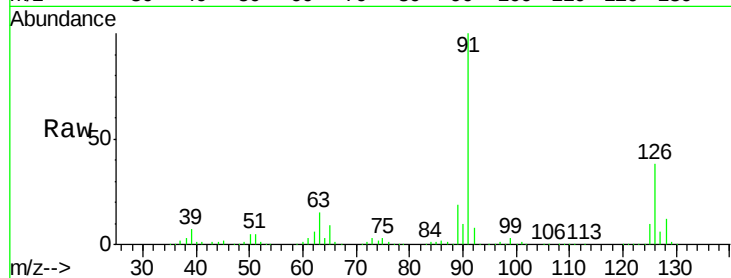
126 36.9 0.0 71.4

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX000106.D (-1774) (-)

Ion 126.00 (125.70 to 126.70): VX000106.D (-1774) (-)

600000

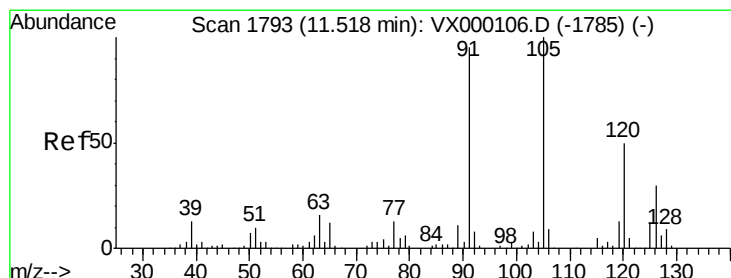
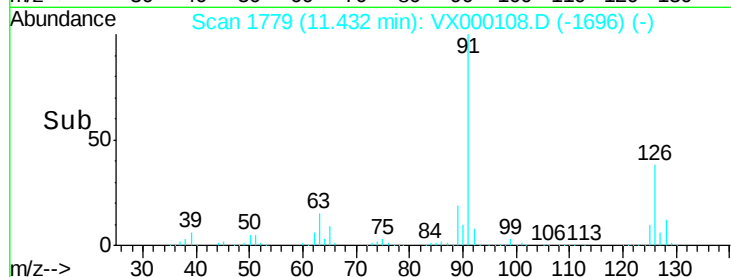
400000

200000

0

11.40 11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 95.58 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000108.D

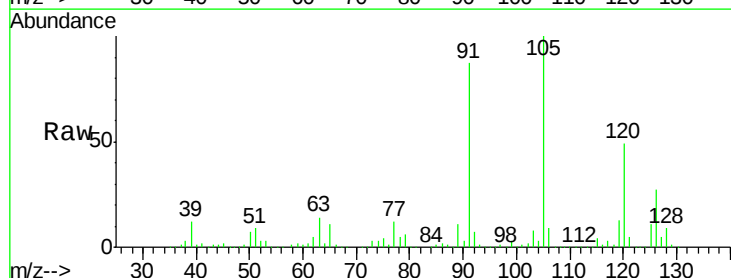
Acq: 20 Feb 2018 14:43

Tgt Ion: 105 Resp: 555397

Ion Ratio Lower Upper

105 100

120 49.7 0.0 63.8



Abundance Ion 105.00 (104.70 to 105.70): VX000106.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX000106.D (-1785) (-)

500000

400000

300000

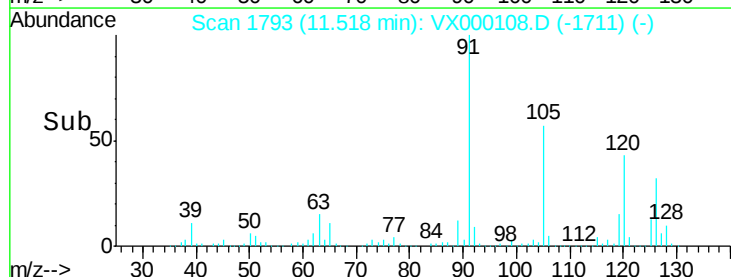
200000

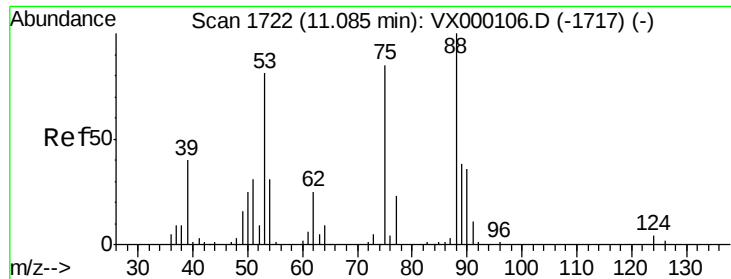
100000

0

11.50 11.60

Time-->





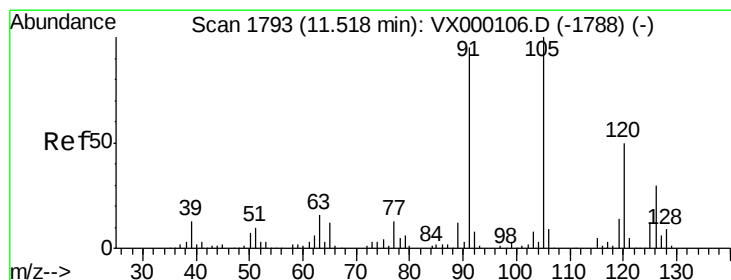
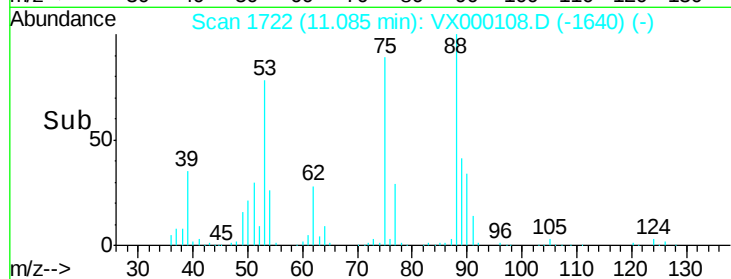
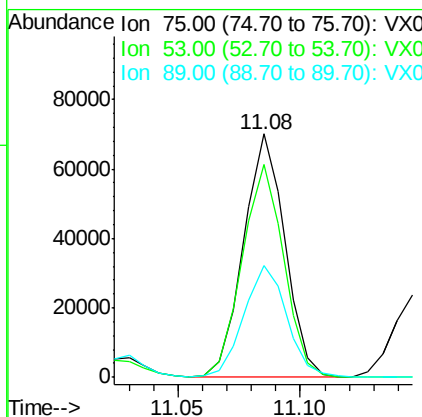
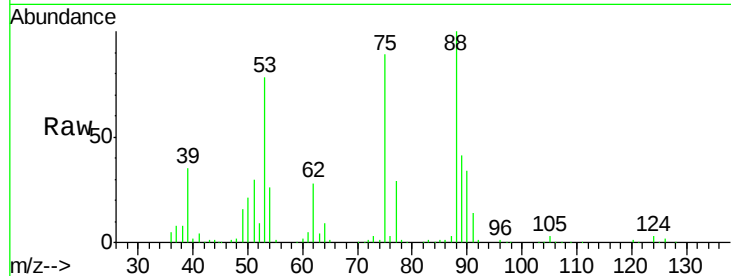
#77
t-1,4-Dichloro-2-butene
Concen: 108.12 ug/l
RT: 11.08 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000108.D
Acq: 20 Feb 2018 14:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.4	47.8	143.3
89	46.1	22.3	66.8

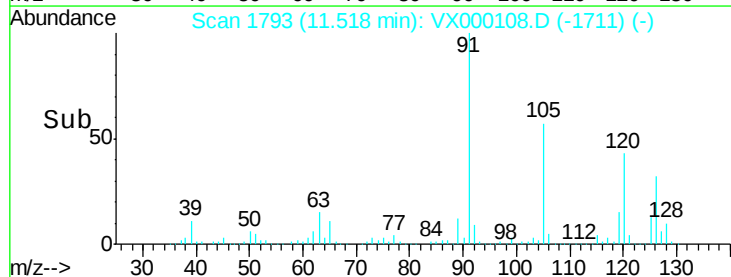
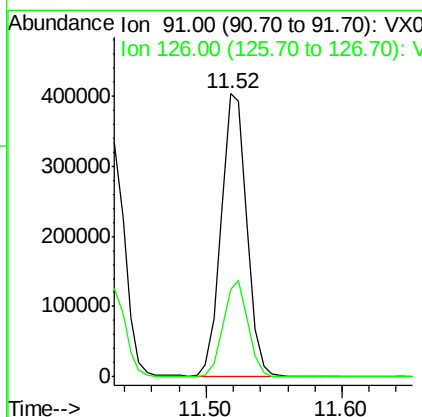
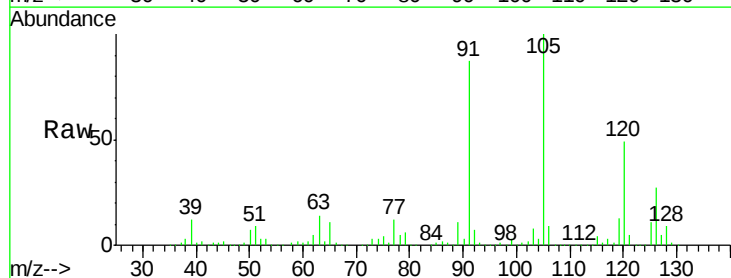
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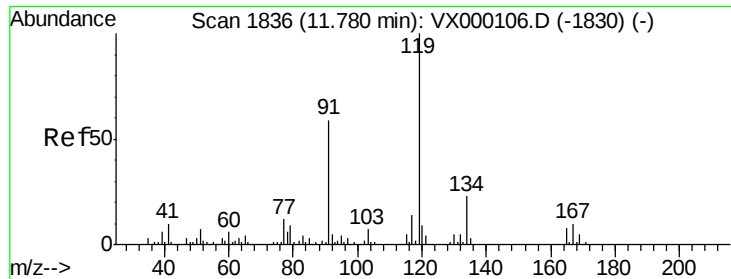
apatel
2/22/2018 4:04:31 PM



#78
4-Chlorotoluene
Concen: 94.51 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000108.D
Acq: 20 Feb 2018 14:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.9	0.0	63.4





#79

tert-butylbenzene

Concen: 94.90 ug/l m

RT: 11.78 min Scan# 1836

Delta R.T. -0.00 min

Lab File: VX000108.D

Acq: 20 Feb 2018 14:43

Instrument :

MSVOA_X

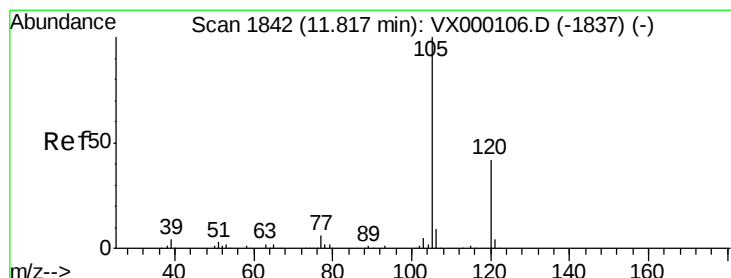
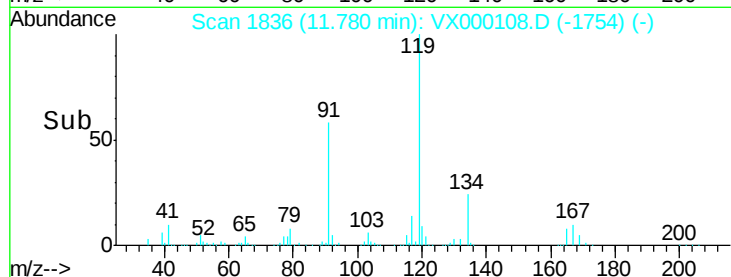
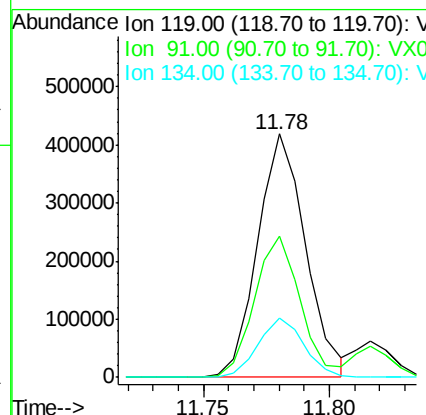
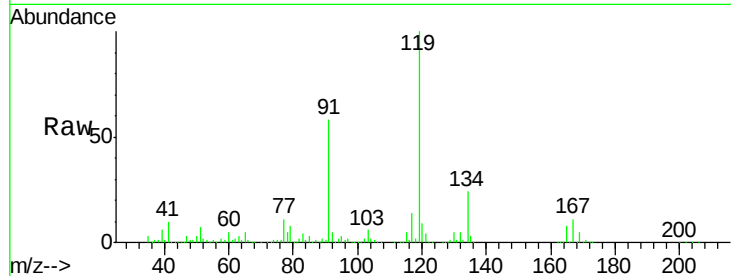
ClientSampled :

VSTDIC100

Tot Ion:	119	Resp:	554118
Ion Ratio	Lower	Upper	
119	100		
91	25.7	0.0	51.6
134	30.4	0.0	60.2

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#80

1,2,4-Trimethylbenzene

Concen: 94.87 ug/l

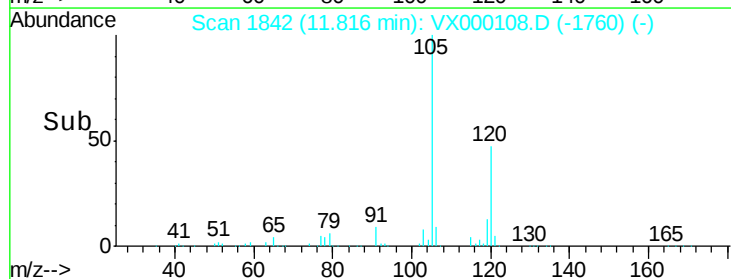
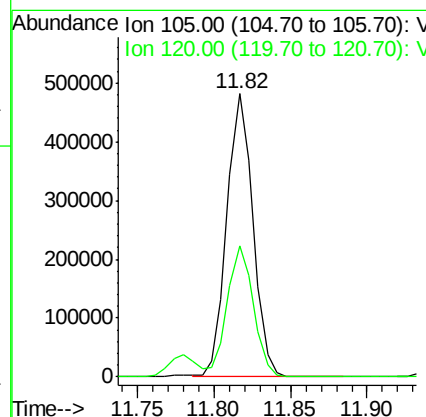
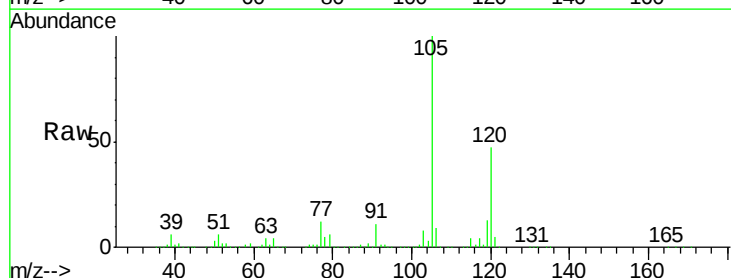
RT: 11.82 min Scan# 1842

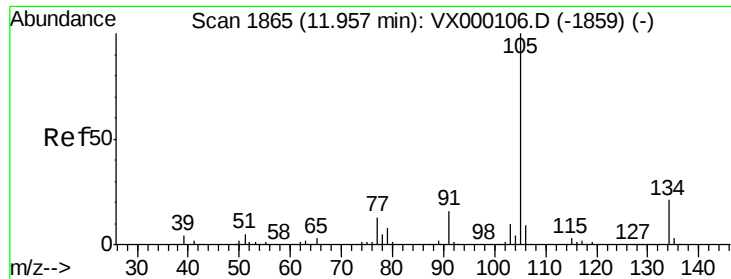
Delta R.T. -0.00 min

Lab File: VX000108.D

Acq: 20 Feb 2018 14:43

Tgt Ion:	105	Resp:	570982
Ion Ratio	Lower	Upper	
105	100		
120	46.6	0.0	93.0





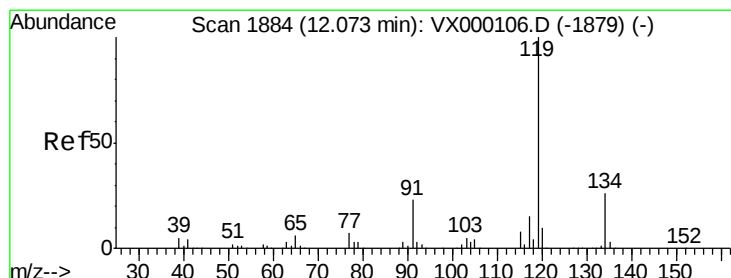
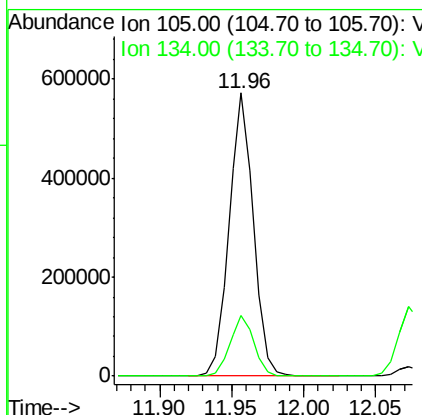
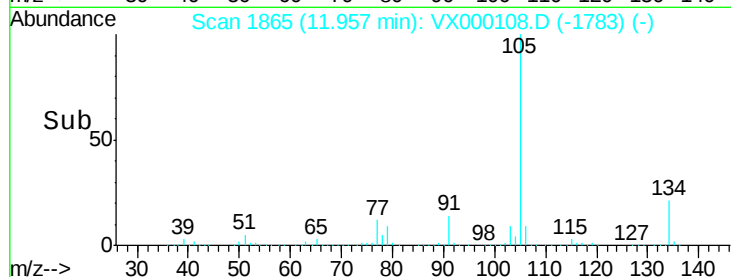
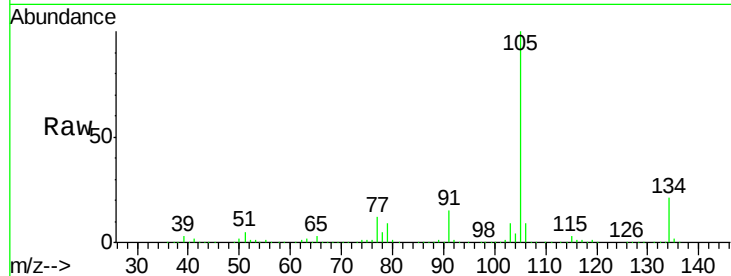
#81
 sec-Butylbenzene
 Concen: 93.56 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000108.D
 Acq: 20 Feb 2018 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.3	0.0	41.8

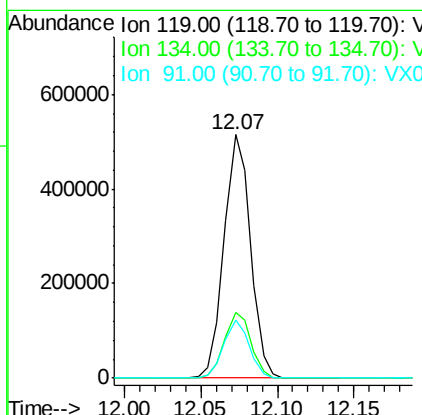
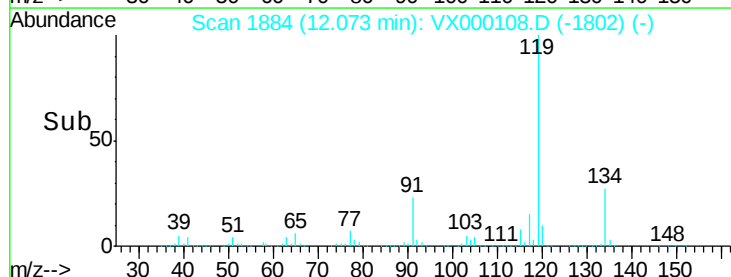
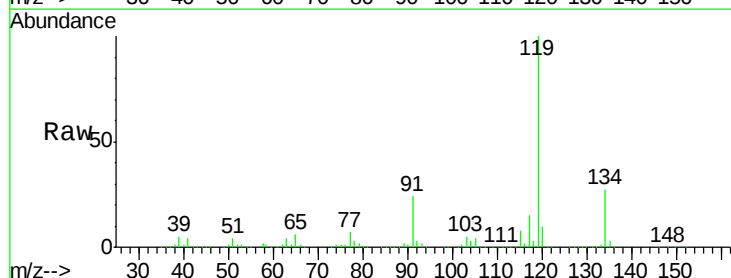
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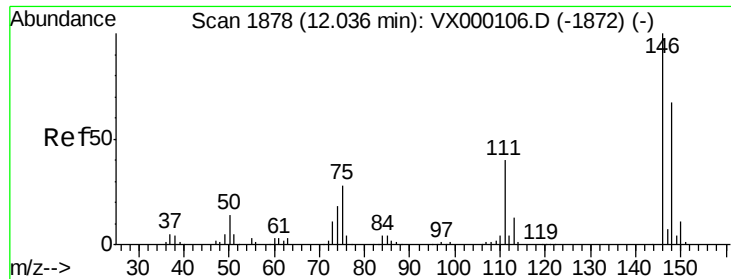
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#82
 p-Isopropyltoluene
 Concen: 95.43 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000108.D
 Acq: 20 Feb 2018 14:43

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.3	0.0	54.4
91	23.1	0.0	46.6





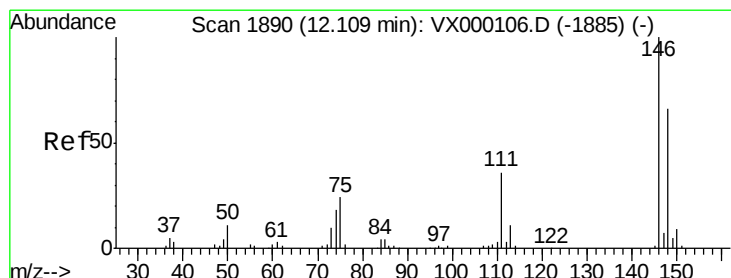
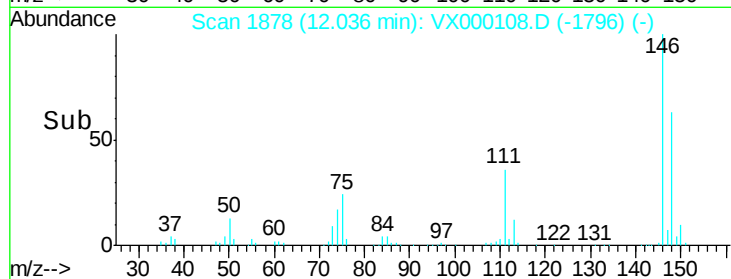
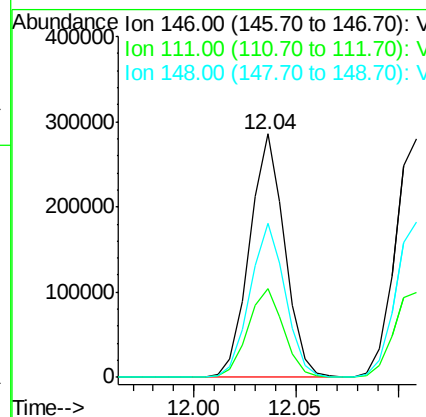
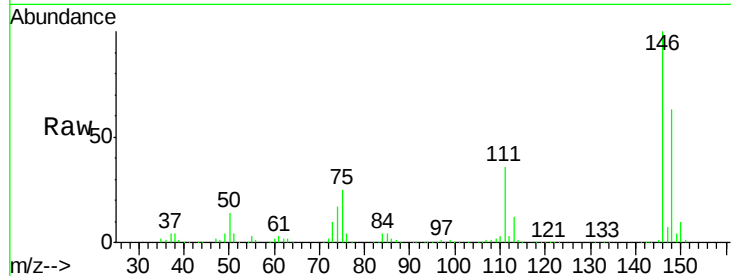
#83
 1,3-Dichlorobenzene
 Concen: 99.45 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000108.D
 Acq: 20 Feb 2018 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	19.4	58.2
148	64.0	32.6	97.7

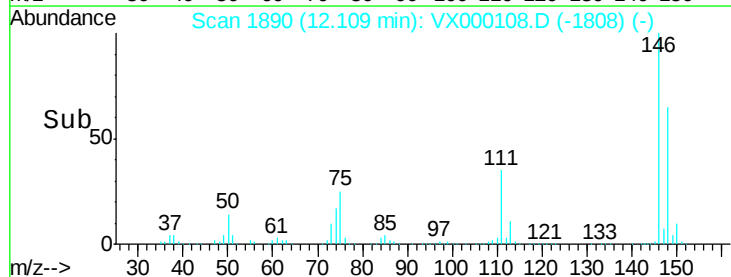
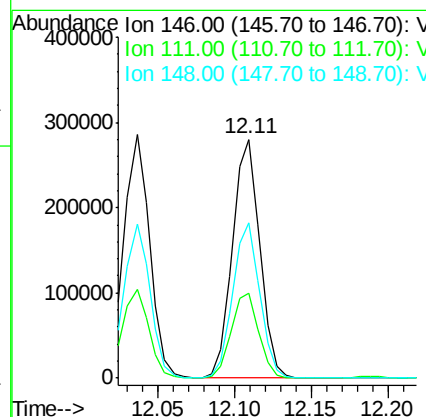
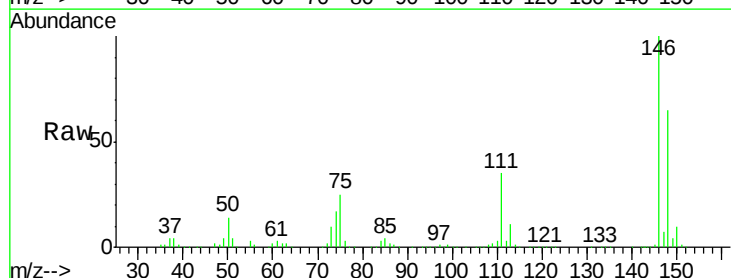
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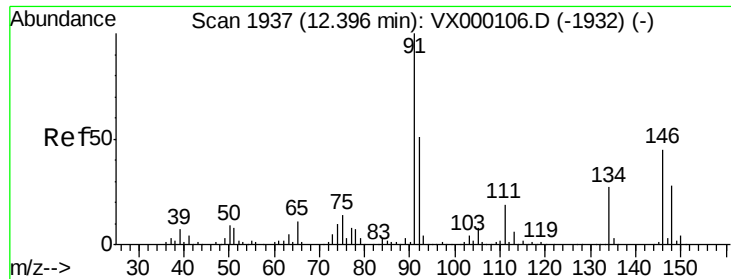
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#84
 1,4-Dichlorobenzene
 Concen: 98.63 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VX000108.D
 Acq: 20 Feb 2018 14:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.4	55.0
148	64.0	31.9	95.7





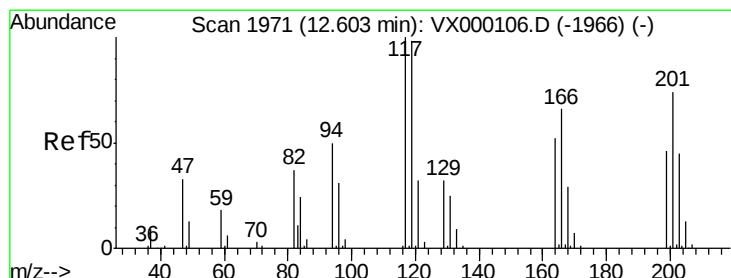
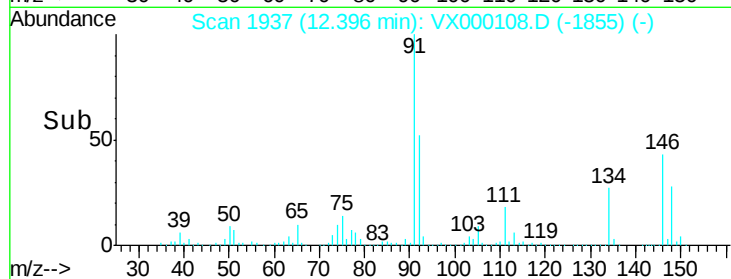
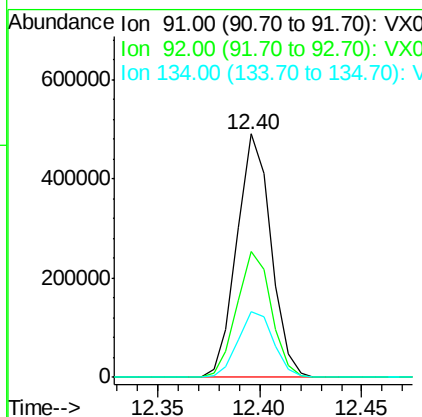
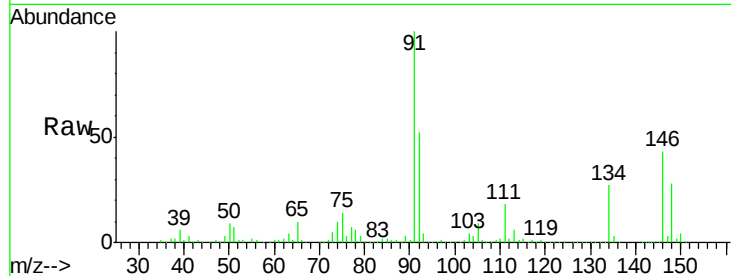
#85
n-Butylbenzene
Concen: 94.62 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000108.D
Acq: 20 Feb 2018 14:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
91	100	571488		
92	51.9		0.0	102.0
134	28.0		0.0	54.2

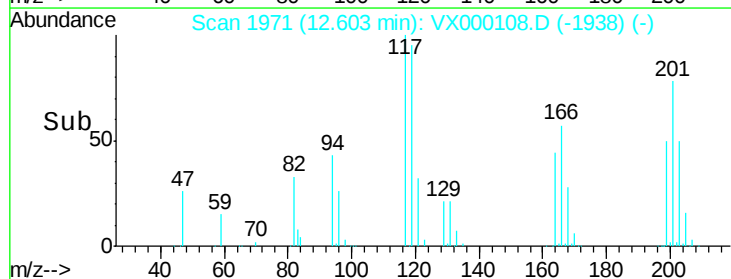
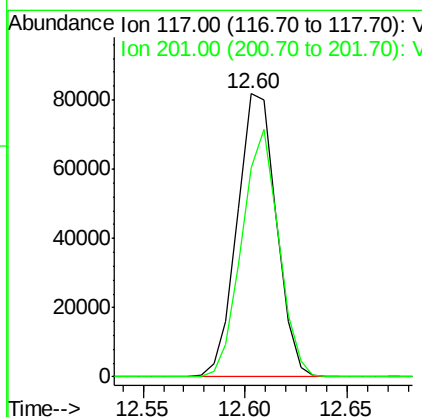
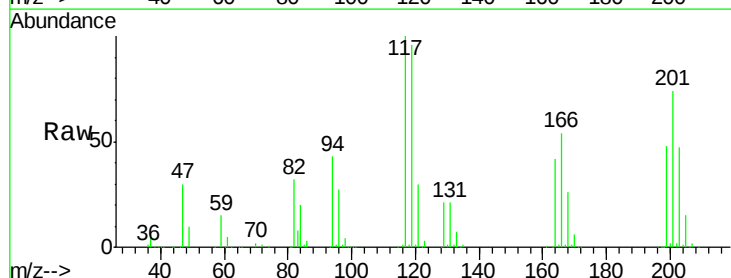
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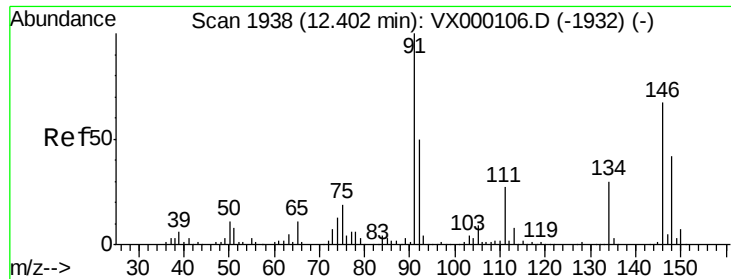
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#86
Hexachloroethane
Concen: 102.88 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000108.D
Acq: 20 Feb 2018 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	108853		
201	82.7		38.9	116.6





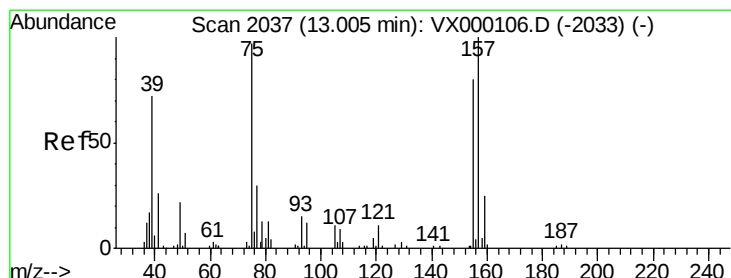
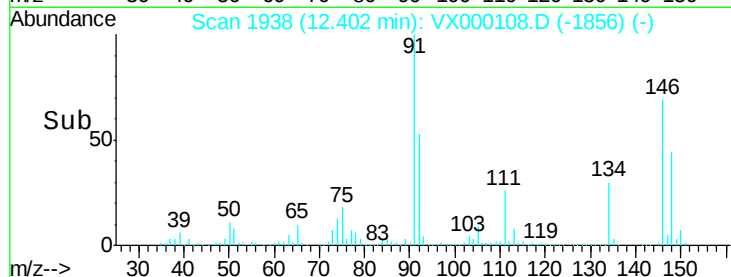
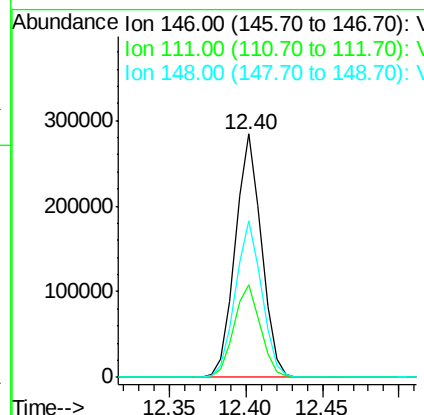
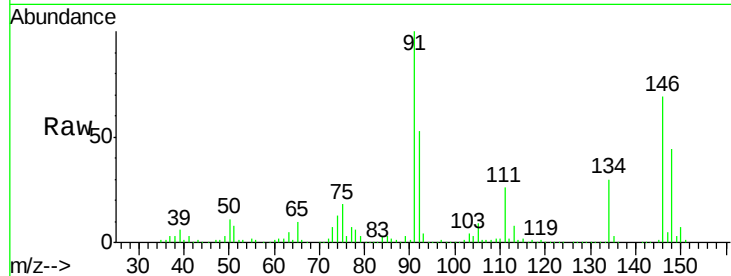
#87
 1,2-Dichlorobenzene
 Concen: 98.36 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000108.D
 Acq: 20 Feb 2018 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	20.0	60.0
148	64.6	31.6	95.0

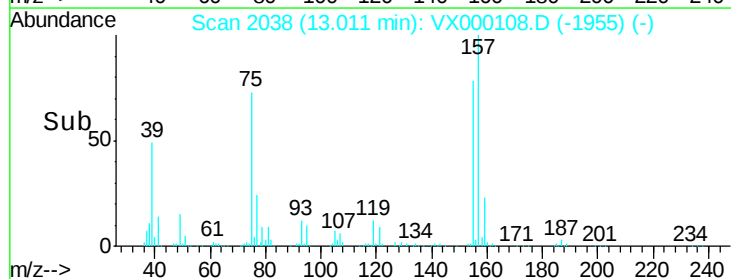
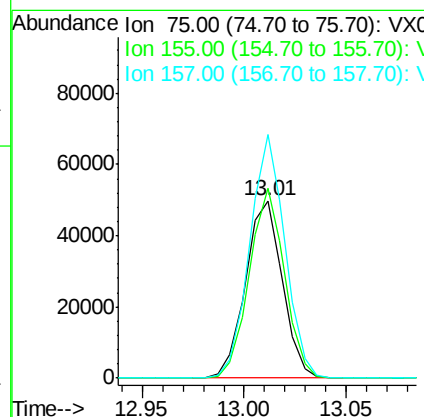
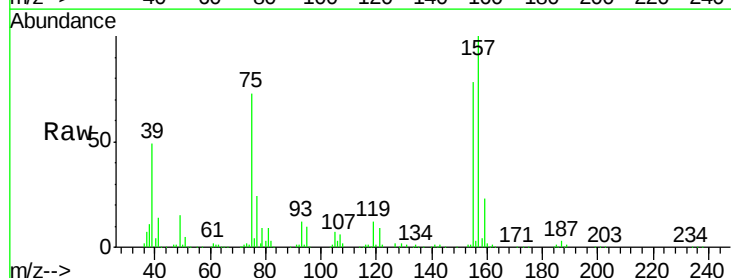
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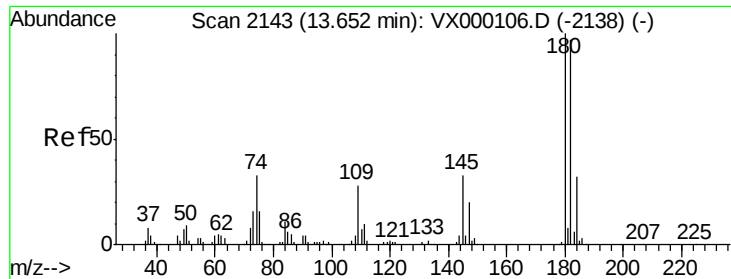
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 94.41 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: VX000108.D
 Acq: 20 Feb 2018 14:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.3	75.1	112.7
157	131.4	99.0	148.4





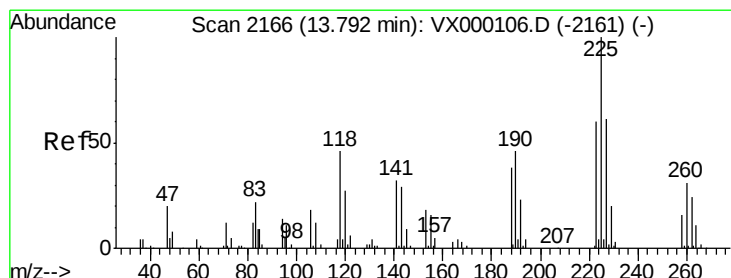
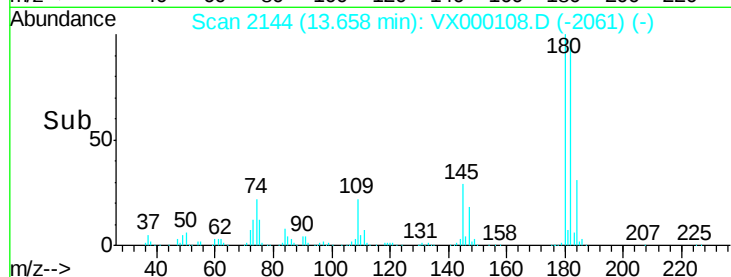
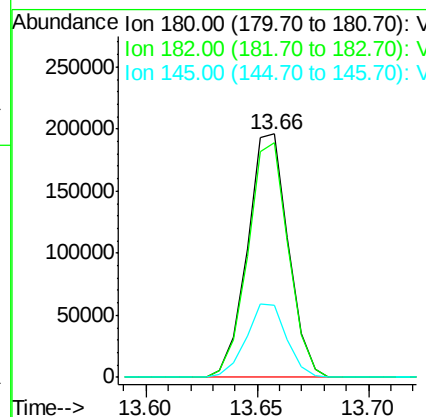
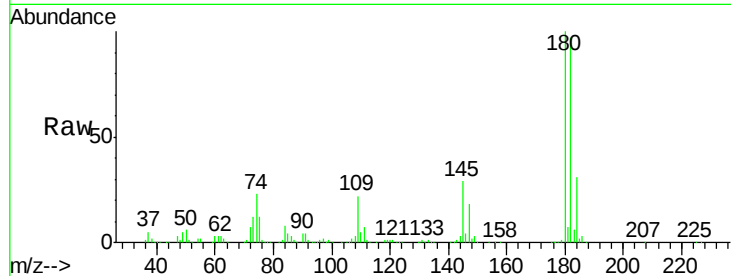
#89
1,2,4-Trichlorobenzene
Concen: 102.28 ug/l
RT: 13.66 min Scan# 2144
Delta R.T. 0.01 min
Lab File: VX000108.D
Acq: 20 Feb 2018 14:43

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	251171		
182	95.5	76.3	114.5	
145	29.7	24.6	37.0	

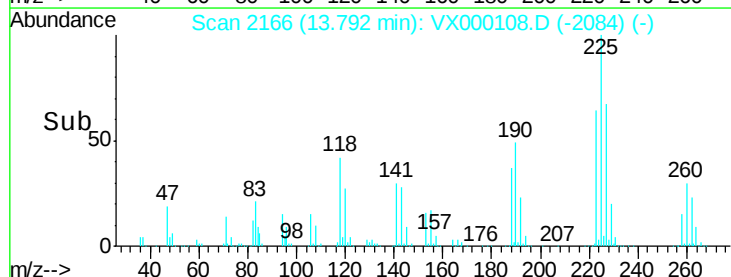
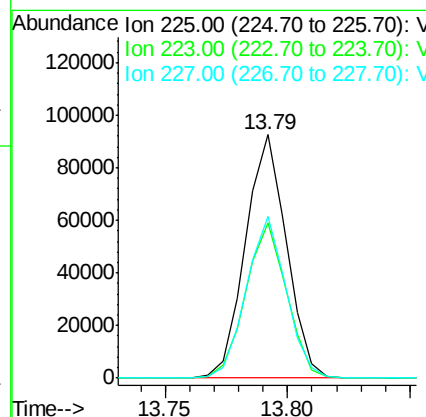
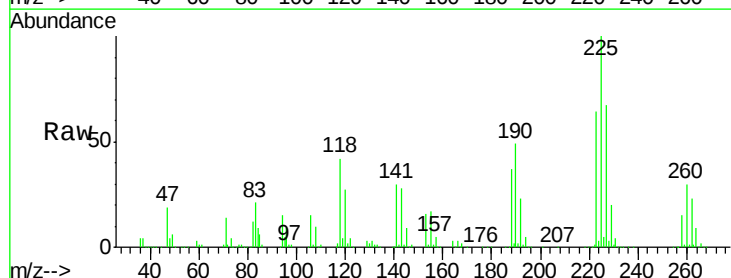
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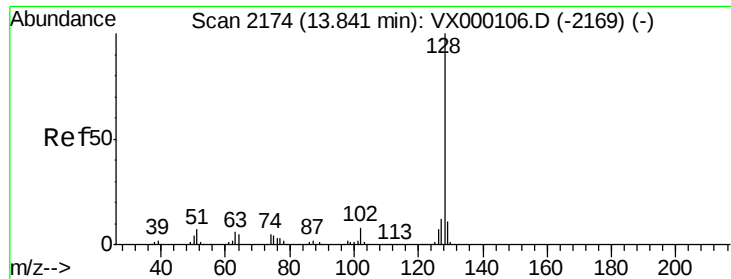
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#90
Hexachlorobutadiene
Concen: 105.77 ug/l
RT: 13.79 min Scan# 2166
Delta R.T. -0.00 min
Lab File: VX000108.D
Acq: 20 Feb 2018 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	108179		
223	63.4	0.0	131.2	
227	64.7	0.0	127.6	





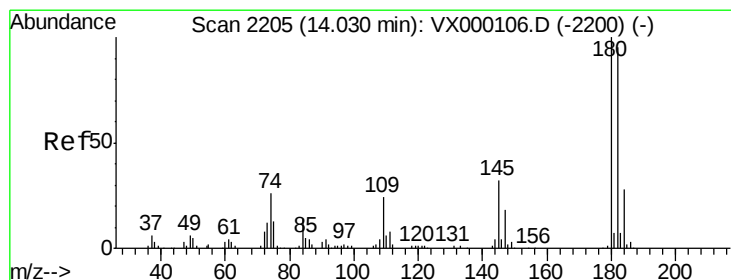
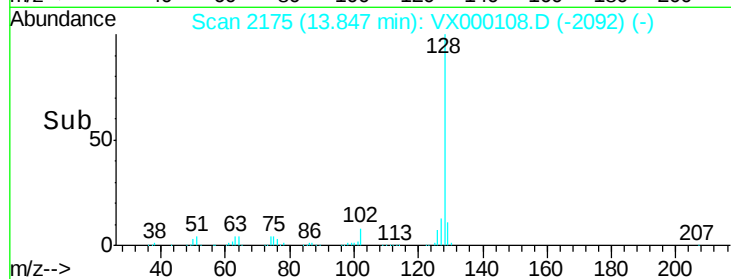
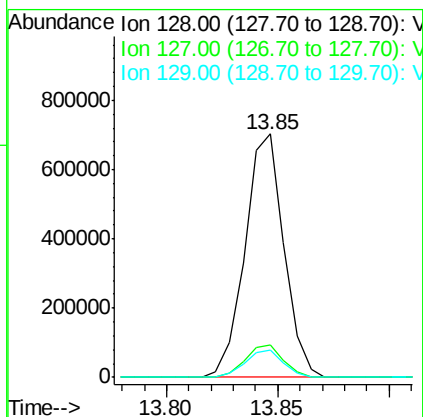
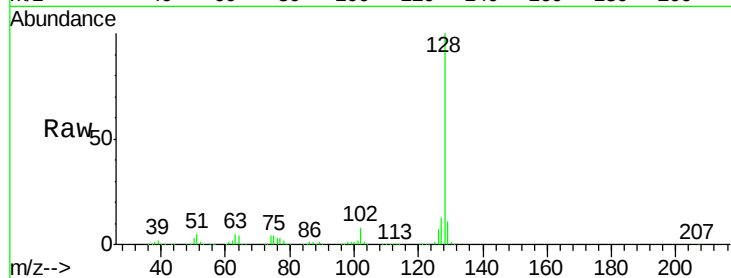
#91
Naphthalene
Concen: 97.38 ug/l
RT: 13.85 min Scan# 2175
Delta R.T. 0.01 min
Lab File: VX000108.D
Acq: 20 Feb 2018 14:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	11.0	9.0	13.6

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 99.11 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000108.D
Acq: 20 Feb 2018 14:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	0.0	188.6
145	31.6	0.0	65.8

