

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030818\
 Data File : VX000216.D
 Acq On : 08 Mar 2018 11:06
 Operator : JC/MD
 Sample : VX0308WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0308WBS01

Manual Integrations
 APPROVED

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 3/9/2018 9:38:11 AM

Quant Time: Mar 08 13:10:18 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X022018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 21 06:17:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	23822	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	143087	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	141634	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	57656	31.27	ug/l	-0.01
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.23%
60) 4-Bromofluorobenzene	11.15	95	71769	30.97	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	103.23%
63) Toluene-d8	8.73	98	181740	29.96	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.87%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	19322	13.07	ug/l	99
3) Chloromethane	1.32	50	17627	11.90	ug/l	96
4) Vinyl Chloride	1.41	62	22076	12.52	ug/l	96
5) Bromomethane	1.65	94	18580	11.44	ug/l	96
6) Chloroethane	1.73	64	15469	13.71	ug/l	94
7) Trichlorofluoromethane	1.93	101	44939	14.71	ug/l	98
8) Diethyl Ether	2.19	74	16769	15.72	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	28514	17.11	ug/l	92
10) 1,1-Dichloroethene	2.38	96	21624	13.58	ug/l	90
11) Methyl Iodide	2.52	142	17581	11.36	ug/l	98
12) Methyl Acetate	2.78	43	63803	22.43	ug/l	96
13) Acrolein	2.30	56	57610	168.31	ug/l	98
14) Acrylonitrile	3.15	53	121255	98.38	ug/l	99
15) Acetone	2.45	58	45102	112.24	ug/l	99
16) Carbon Disulfide	2.58	76	30240	6.64	ug/l	98
17) Allyl chloride	2.73	41	43853	16.16	ug/l	93
18) Methylene Chloride	2.87	84	27422	15.81	ug/l	96
19) trans-1,2-Dichloroethene	3.17	96	22293	12.87	ug/l	92
20) Diisopropyl ether	3.88	45	95708	22.34	ug/l	98
21) 1,1-Dichloroethane	3.71	63	51777	18.33	ug/l	99
22) cis-1,2-Dichloroethene	4.61	96	27404	17.03	ug/l	100
23) tert-Butyl Alcohol	3.06	59	73722	104.64	ug/l	# 100
24) Methyl tert-Butyl Ether	3.21	73	102517	18.69	ug/l	98
25) Chloroform	5.22	83	52569	18.77	ug/l	96
26) Cyclohexane	5.59	56	30029	13.56	ug/l	# 97
29) 1,1-Dichloropropene	5.81	75	32350	15.52	ug/l	98
30) 2-Butanone	4.71	43	179632	111.99	ug/l	98
31) 2,2-Dichloropropane	4.59	77	39816	17.76	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	44440	17.63	ug/l	97
33) Carbon Tetrachloride	5.79	117	35419	15.82	ug/l	93
34) Benzene	6.15	78	100263	16.72	ug/l	95
35) Methacrylonitrile	5.07	41	29374	19.89	ug/l	85
36) 1,2-Dichloroethane	6.21	62	43438	19.10	ug/l	100
37) Trichloroethene	7.22	130	29380	16.58	ug/l	97
38) Methylcyclohexane	7.47	83	34733	13.90	ug/l	98
39) 1,2-Dichloropropane	7.53	63	29324	19.59	ug/l	97
40) Dibromomethane	7.67	93	21928	19.01	ug/l	94

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Quant Time: Mar 08 13:10:18 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	41859	19.09	ug/l	100
42) Vinyl Acetate	3.83	43	437994	107.13	ug/l	99
43) Ethyl Acetate	4.87	43	55340	19.64	ug/l #	85
44) Isopropyl Acetate	6.48	43	83494	20.20	ug/l	96
45) 1,4-Dioxane	7.76	88	18306	352.12	ug/l	98
46) Methyl methacrylate	7.79	41	39668	19.73	ug/l	95
47) n-amyl Acetate	10.91	43	76370	21.16	ug/l	96
48) t-1,3-Dichloropropene	8.45	75	47009	18.42	ug/l	97
49) cis-1,3-Dichloropropene	9.05	75	46651	18.78	ug/l	92
50) 1,1,2-Trichloroethane	9.23	97	33093	19.54	ug/l	97
51) Ethyl methacrylate	9.19	69	50568	19.49	ug/l	94
52) 1,3-Dichloropropane	9.38	76	54012	19.88	ug/l	100
53) Dibromochloromethane	9.59	129	34242	18.17	ug/l	98
54) 1,2-Dibromoethane	9.68	107	33845	17.93	ug/l	96
55) 2-Chloroethyl vinyl ether	8.32	63	113383	100.08	ug/l	98
56) Bromoform	10.87	173	26466	17.34	ug/l	98
58) 4-Methyl-2-Pentanone	8.66	43	336939	108.61	ug/l	98
59) 2-Hexanone	9.51	43	291584	111.00	ug/l	98
61) Tetrachloroethene	9.34	164	26730	15.54	ug/l	94
62) Toluene	8.79	91	124190	16.85	ug/l	100
64) Chlorobenzene	10.15	112	89548	17.98	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.23	131	32505	18.43	ug/l	98
66) Ethyl Benzene	10.26	91	151823	18.05	ug/l	96
67) m/p-Xylenes	10.37	106	115519	35.03	ug/l	97
68) o-Xylene	10.71	106	59134	18.46	ug/l	100
69) Styrene	10.72	104	98321	18.53	ug/l	98
70) Isopropylbenzene	11.02	105	161505	18.65	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	62933	21.13	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	56801m	21.26	ug/l	
73) Bromobenzene	11.26	156	42271	18.62	ug/l	95
74) n-propylbenzene	11.37	91	198288	19.54	ug/l	99
75) 2-Chlorotoluene	11.43	91	111747	19.15	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	139673	19.04	ug/l	70
77) t-1,4-Dichloro-2-butene	11.09	75	17172	18.17	ug/l	90
78) 4-Chlorotoluene	11.52	91	136371	19.51	ug/l	99
79) tert-butylbenzene	11.78	119	144949m	19.85	ug/l	
80) 1,2,4-Trimethylbenzene	11.82	105	147460	19.70	ug/l	96
81) sec-Butylbenzene	11.96	105	182296	20.19	ug/l	99
82) p-Isopropyltoluene	12.07	119	161024	19.99	ug/l	98
83) 1,3-Dichlorobenzene	12.04	146	83527	19.33	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	86480	19.20	ug/l	99
85) n-Butylbenzene	12.40	91	157659	20.87	ug/l	99
86) Hexachloroethane	12.60	117	25586	19.02	ug/l	96
87) 1,2-Dichlorobenzene	12.40	146	84262	19.68	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.01	75	18428	22.12	ug/l	88
89) 1,2,4-Trichlorobenzene	13.66	180	61745	19.63	ug/l	99
90) Hexachlorobutadiene	13.79	225	25962	19.16	ug/l	97
91) Naphthalene	13.84	128	221000	20.11	ug/l	99
92) 1,2,3-Trichlorobenzene	14.03	180	61147	19.34	ug/l	99

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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

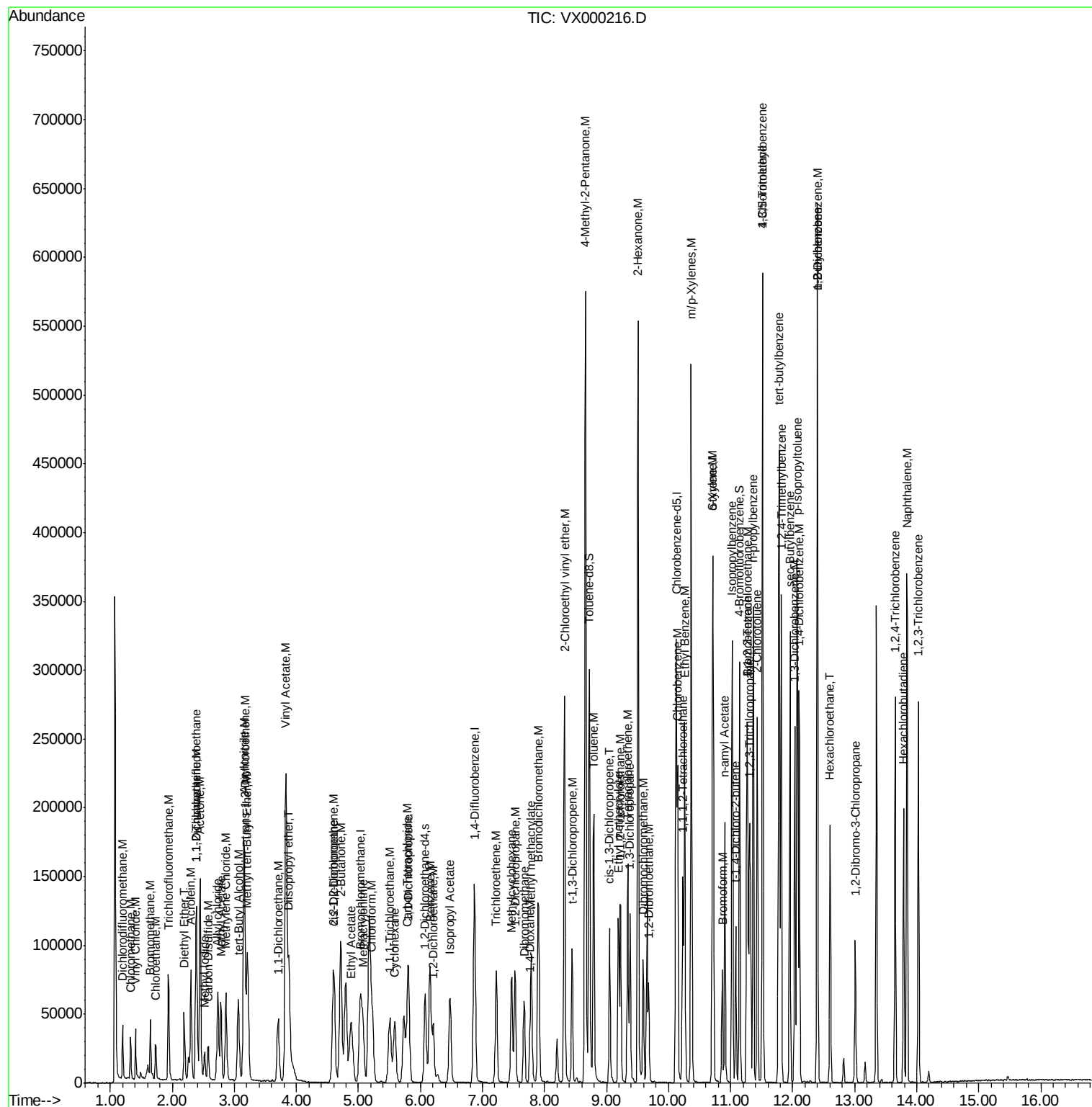
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030818\
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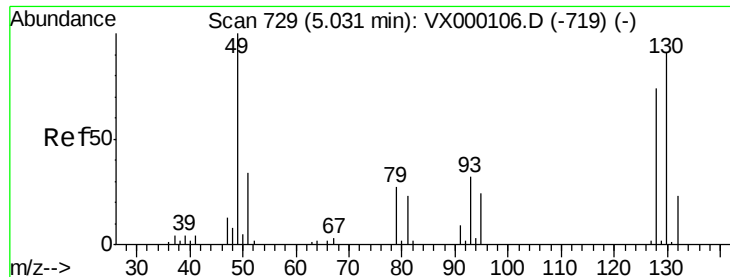
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0308WBS01

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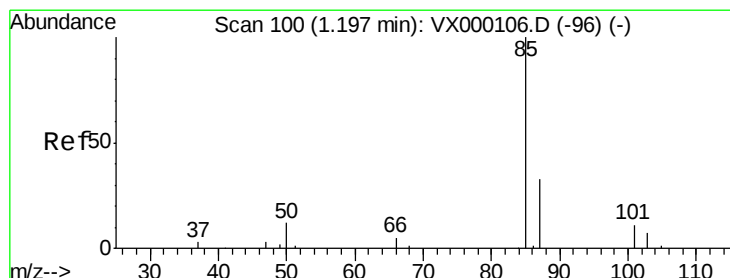
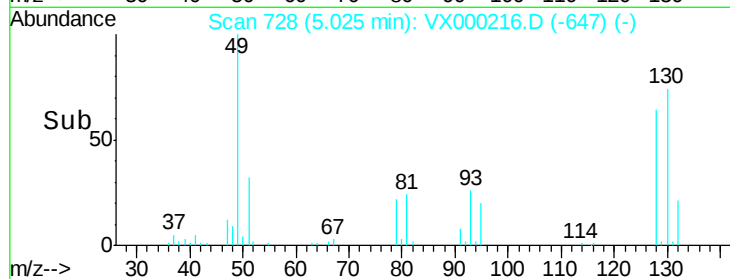
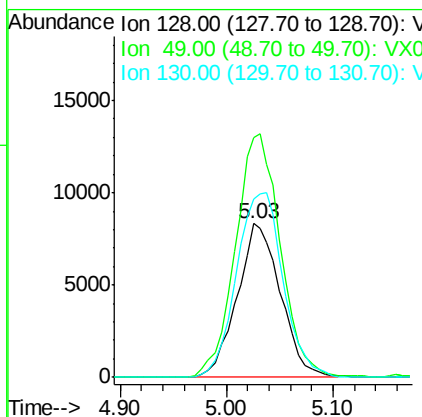
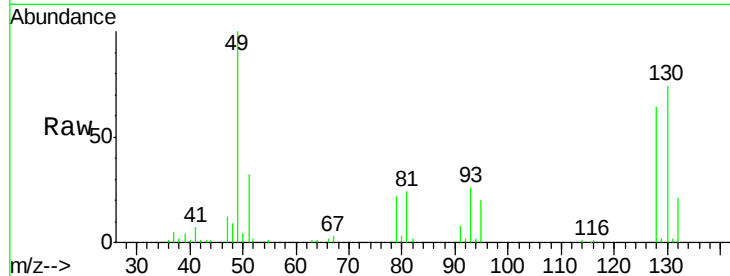
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
49	163.0	0.0	378.3
130	128.9	0.0	324.3

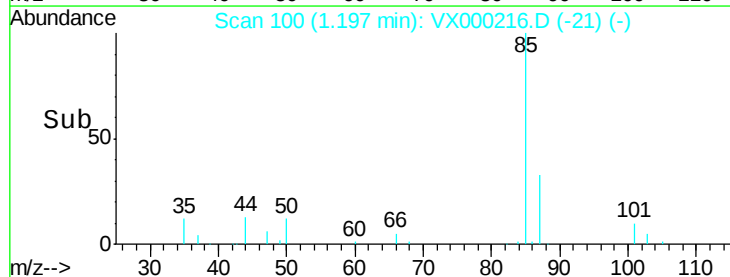
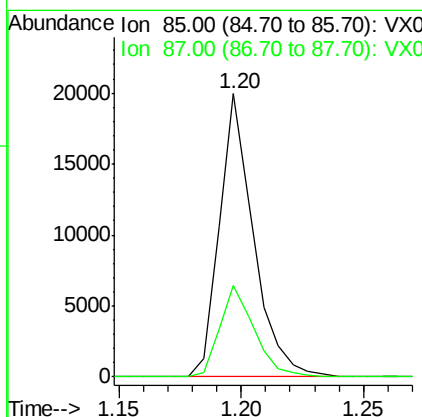
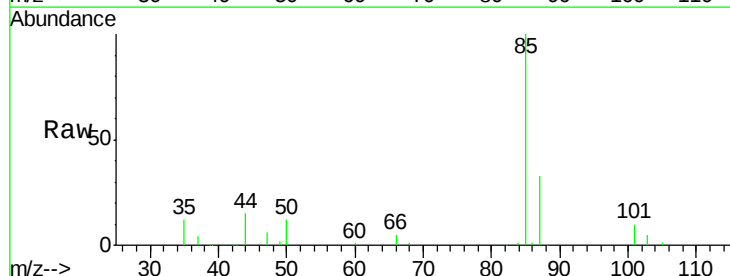
Manual Integrations
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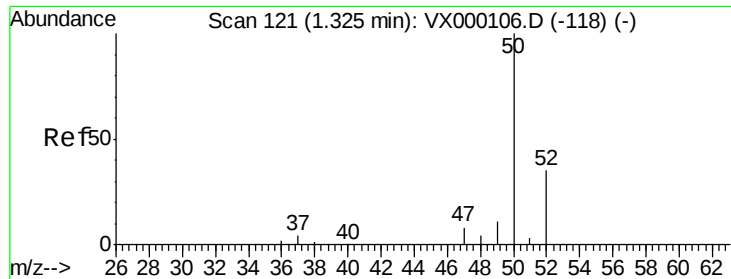
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#2
Dichlorodifluoromethane
Concen: 13.07 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.5	16.6	49.7





#3

Chloromethane

Concen: 11.90 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000216.D

Acq: 08 Mar 2018 11:06

Instrument :

MSVOA_X

ClientSampled :

VX0308WBS01

Tot Ion: 50 Resp: 17627

Ion Ratio Lower Upper

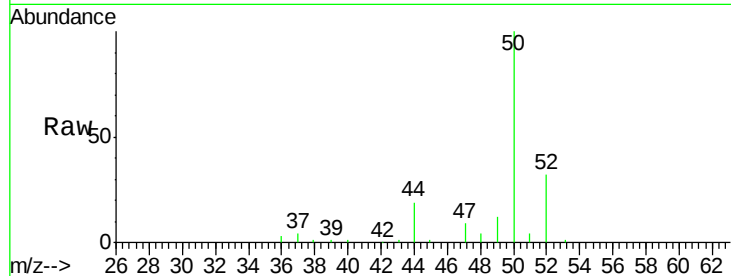
50 100

52 32.2 27.8 41.6

Manual Integrations
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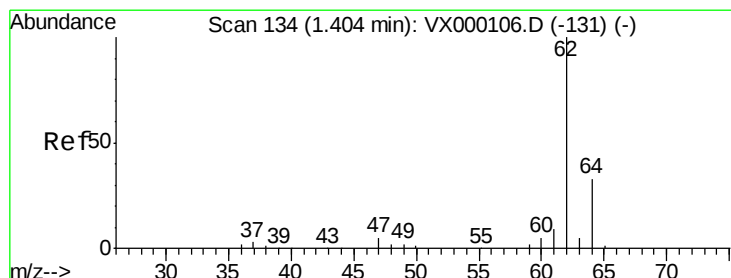
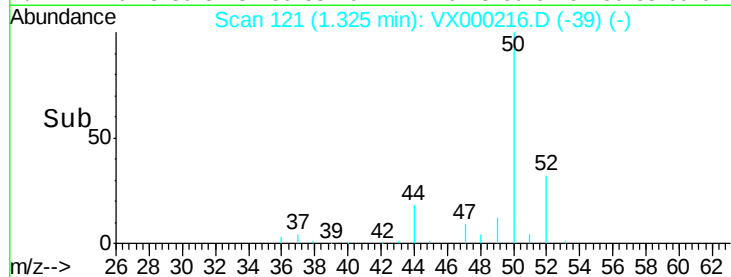
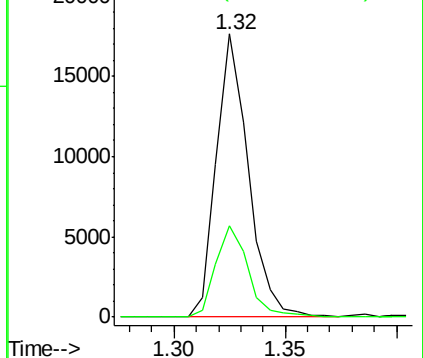
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Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 12.52 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX000216.D

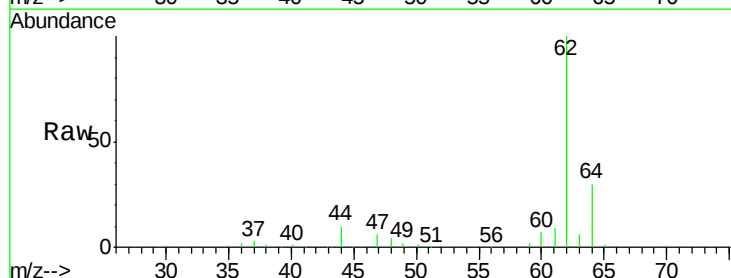
Acq: 08 Mar 2018 11:06

Tgt Ion: 62 Resp: 22076

Ion Ratio Lower Upper

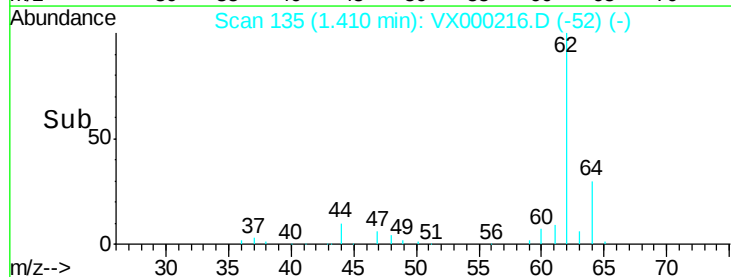
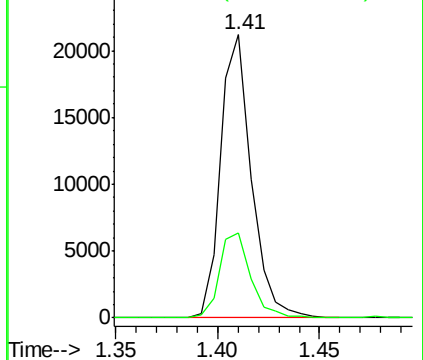
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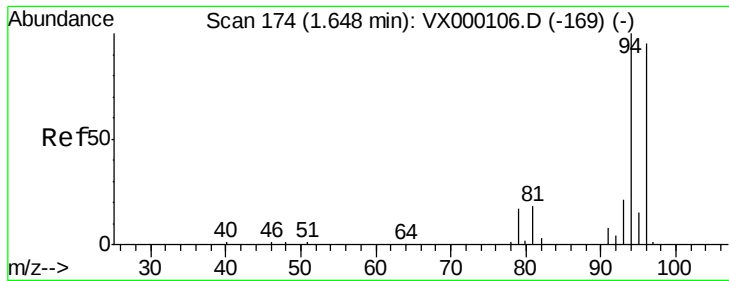
64 30.1 26.0 39.0



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 11.44 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.00 min

Lab File: VX000216.D

Acq: 08 Mar 2018 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS01

Tot Ion: 94 Resp: 18580

Ion Ratio Lower Upper

94 100

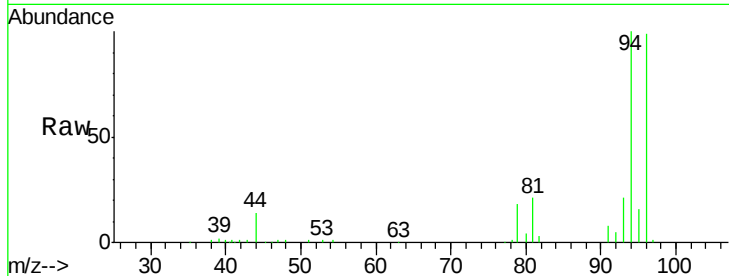
96 98.7 76.2 114.2

Manual Integrations

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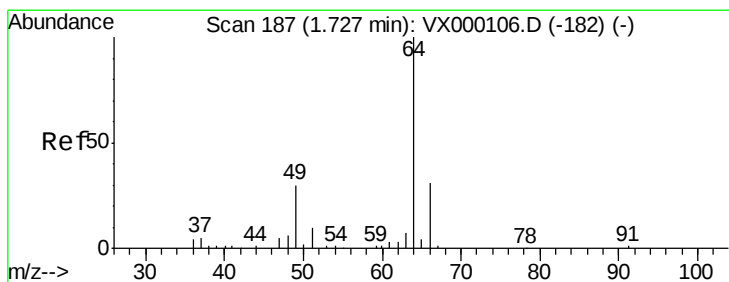
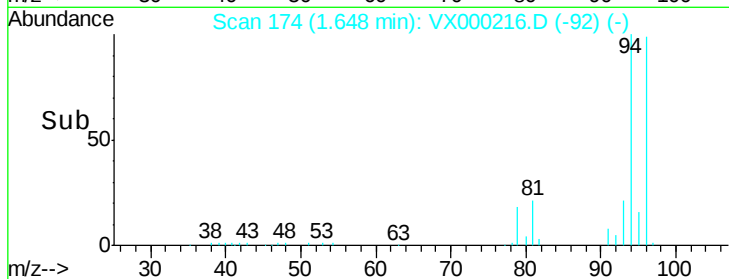
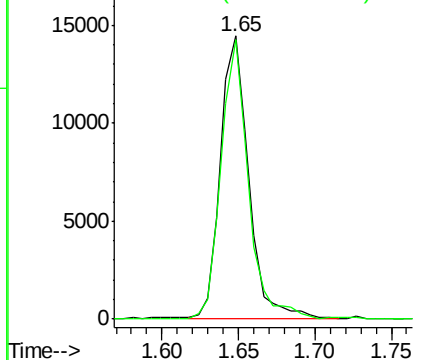
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 13.71 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000216.D

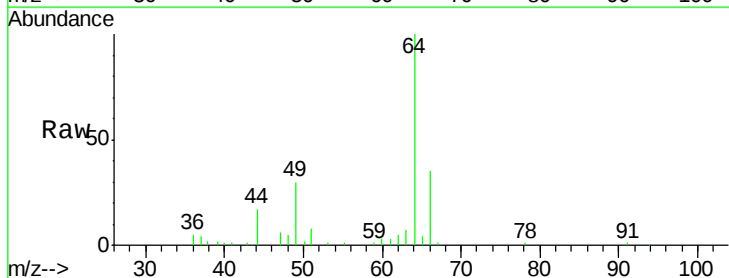
Acq: 08 Mar 2018 11:06

Tgt Ion: 64 Resp: 15469

Ion Ratio Lower Upper

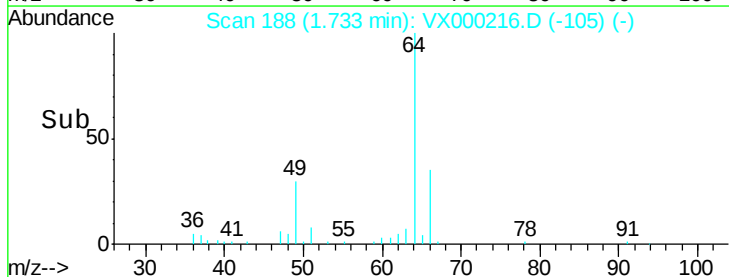
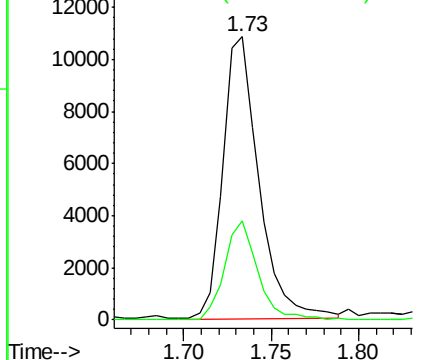
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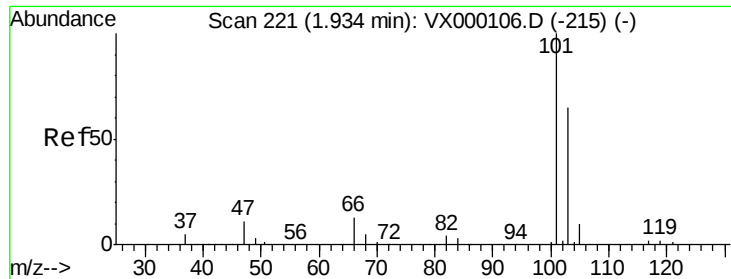
66 35.0 25.2 37.8



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

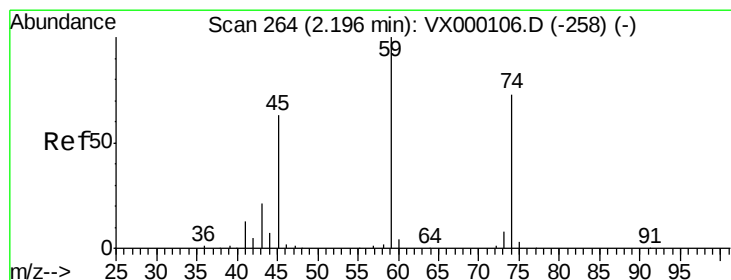
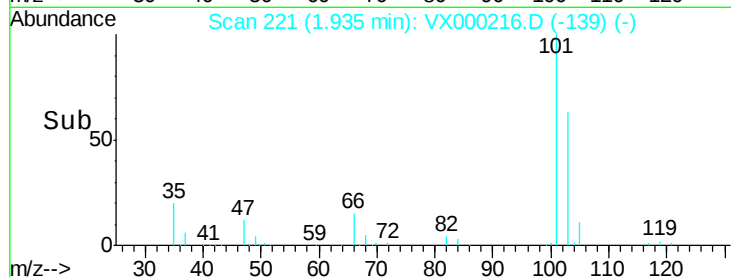
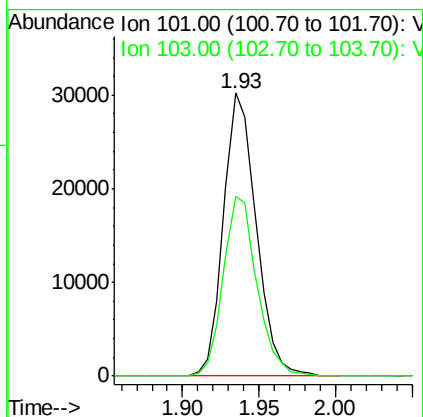
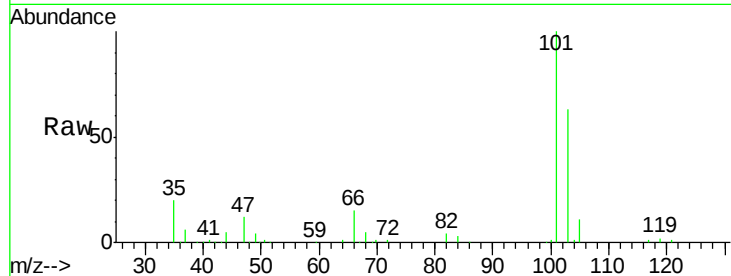
Trichlorofluoromethane
Concen: 14.71 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Instrument :
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ClientSampleId :
VX0308WBS01

Tot Ion:101 Resp: 44939
Ion Ratio Lower Upper
101 100
103 63.5 52.2 78.4

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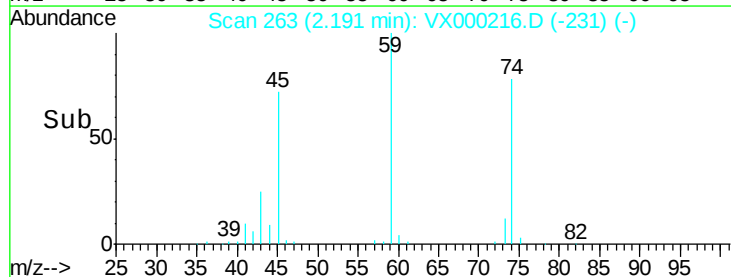
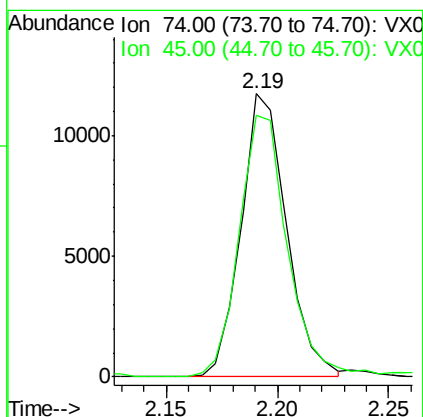
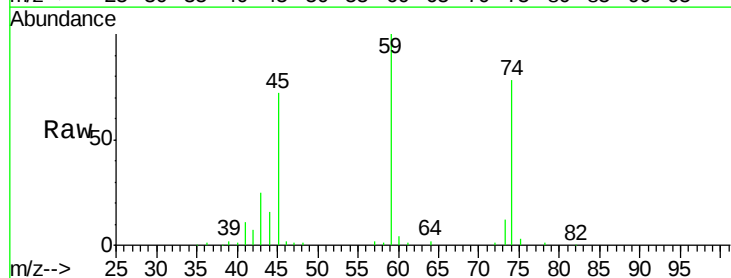
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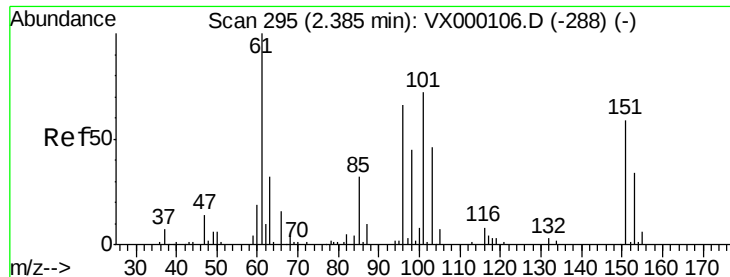


#8

Diethyl Ether
Concen: 15.72 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000216.D
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Tgt Ion: 74 Resp: 16769
Ion Ratio Lower Upper
74 100
45 98.2 17.8 159.8





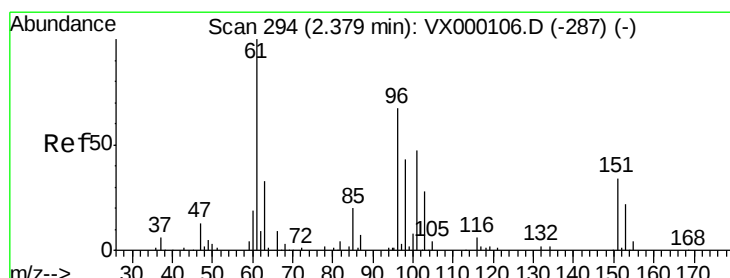
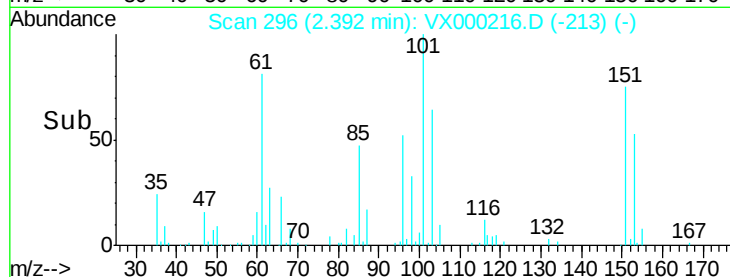
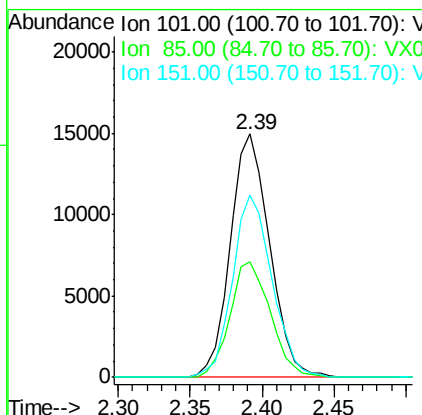
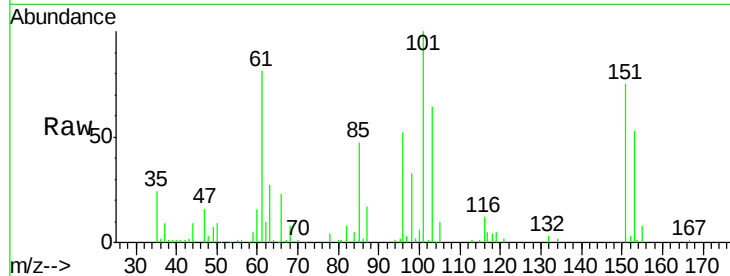
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 17.11 ug/l
 RT: 2.39 min Scan# 296
 Delta R.T. 0.01 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

Instrument :
 MSVOA_X
 ClientSampled :
 VX0308WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	28514		
85	48.7	0.0	90.4	
151	75.0	0.0	167.6	

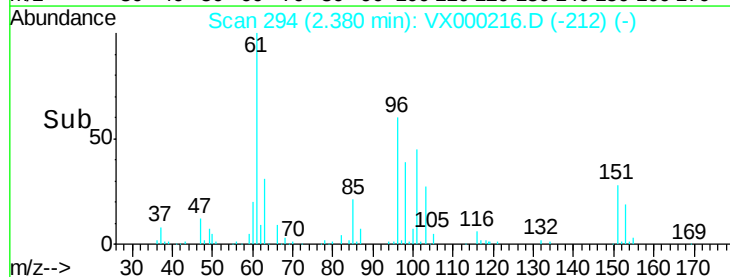
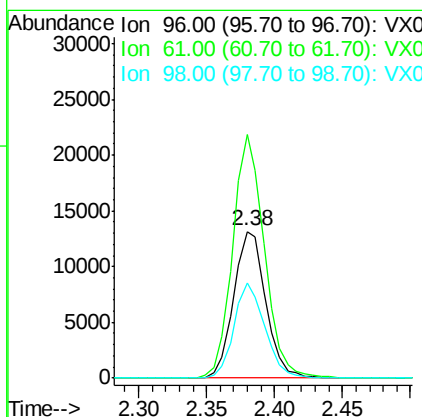
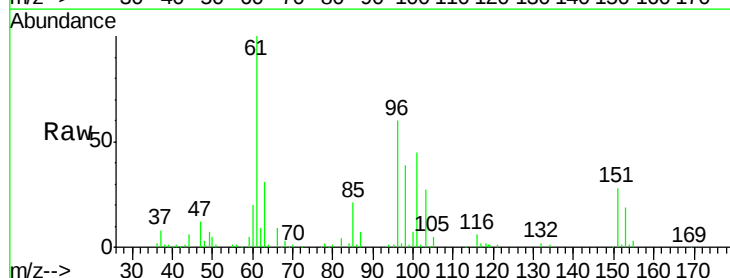
Manual Integrations
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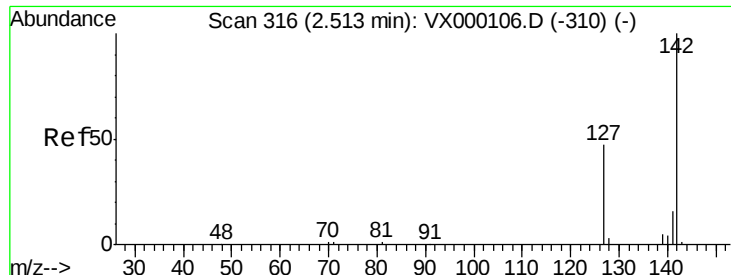
apatel
 3/9/2018 9:38:11 AM



#10
 1,1-Dichloroethene
 Concen: 13.58 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	21624		
61	165.7	118.6	178.0	
98	64.6	51.0	76.6	





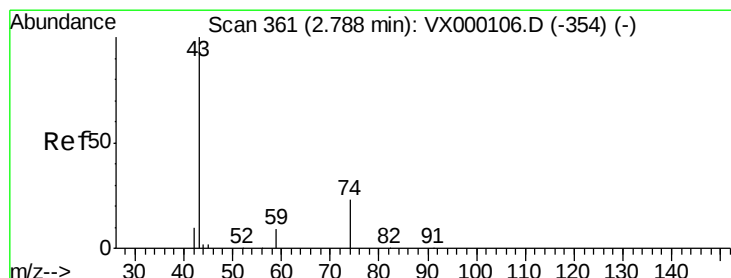
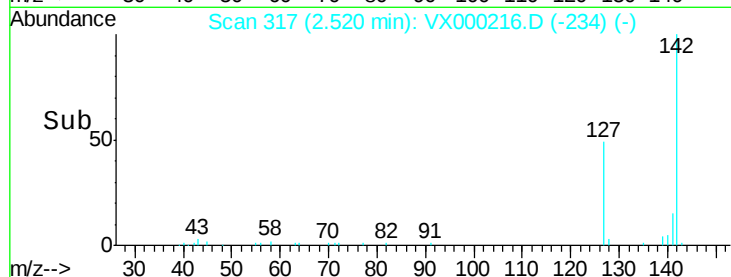
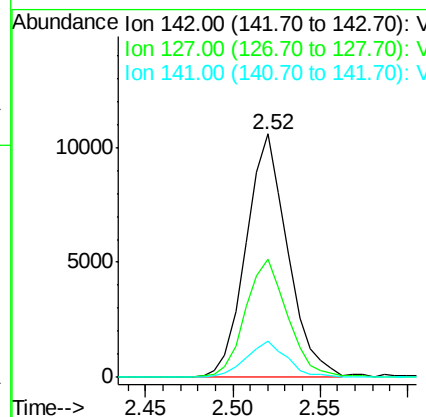
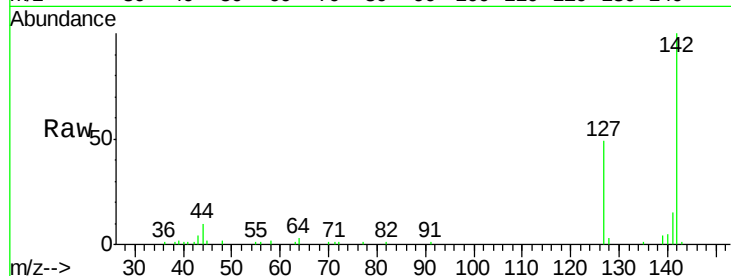
#11
Methvl Iodide
Concen: 11.36 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	48.5	23.8	71.5
141	15.2	8.2	24.4

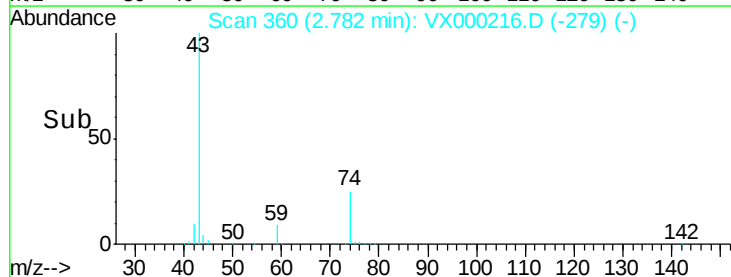
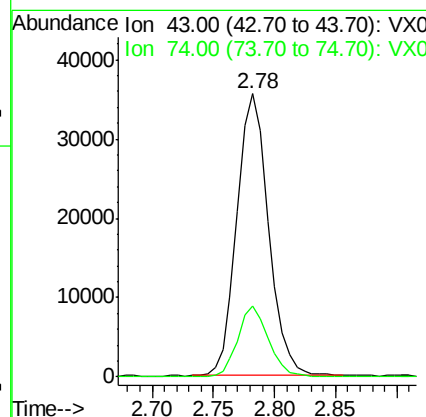
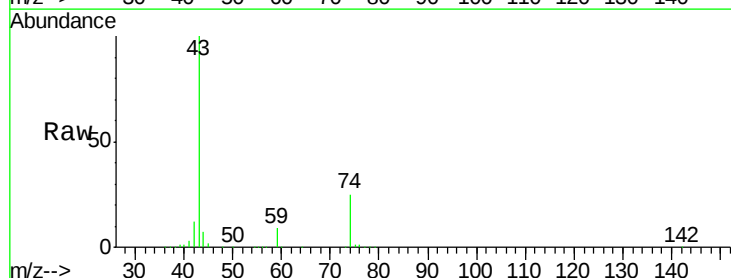
Manual Integrations
APPROVED

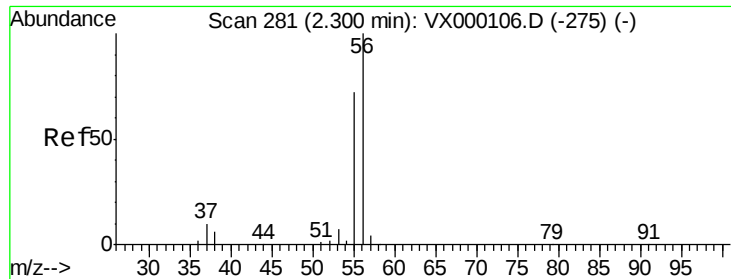
apatel
3/9/2018 9:38:11 AM



#12
Methyl Acetate
Concen: 22.43 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.1	18.6	27.8





#13

Acrolein

Concen: 168.31 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000216.D

Acq: 08 Mar 2018 11:06

Instrument :

MSVOA_X

ClientSampled :

VX0308WBS01

Tot Ion: 56 Resp: 57610

Ion Ratio Lower Upper

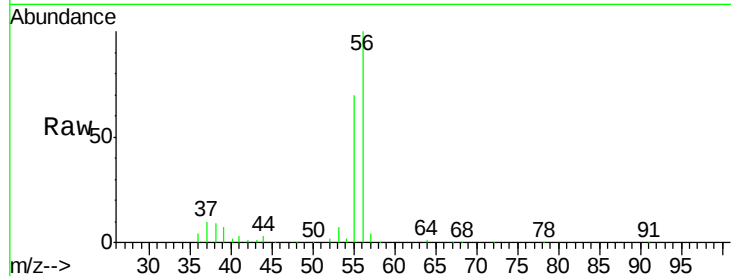
56 100

55 70.0 57.3 85.9

Manual Integrations
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

40000

30000

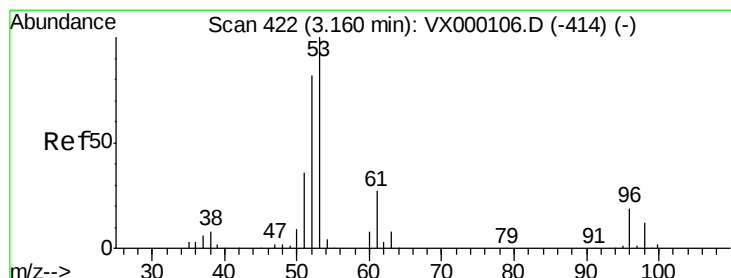
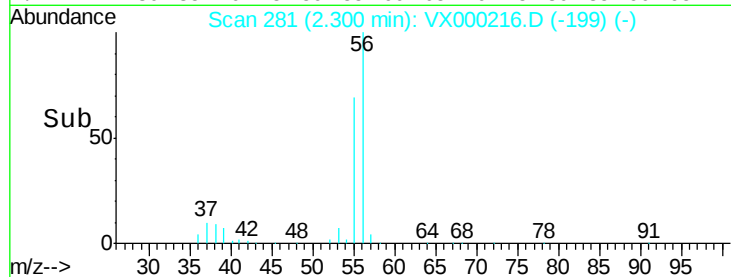
20000

10000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Acrylonitrile

Concen: 98.38 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000216.D

Acq: 08 Mar 2018 11:06

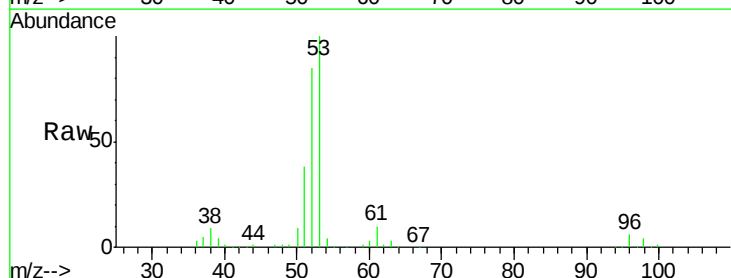
Tgt Ion: 53 Resp: 121255

Ion Ratio Lower Upper

53 100

52 83.7 41.9 125.8

51 36.5 18.8 56.3



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

80000

60000

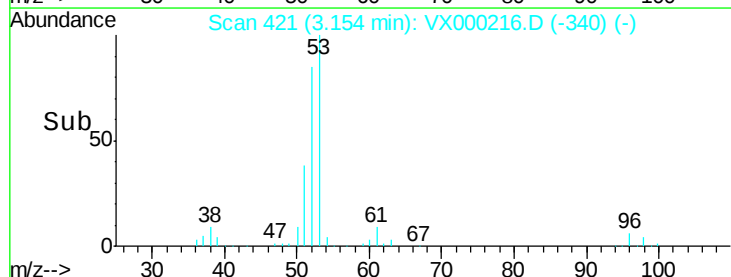
40000

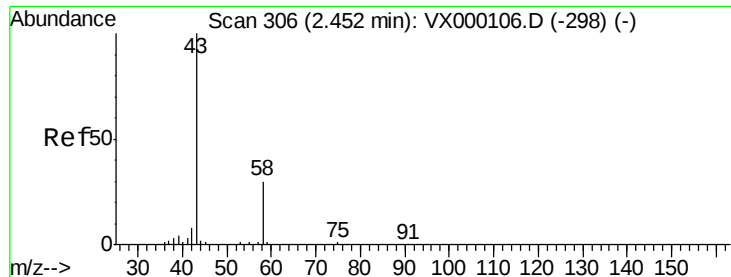
20000

0

Time-->

3.05 3.10 3.15 3.20





#15

Acetone

Concen: 112.24 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000216.D

Acq: 08 Mar 2018 11:06

Tot Ion: 58 Resp: 45102

Ion Ratio Lower Upper

58 100

43 333.6 264.6 396.8

Instrument :

MSVOA_X

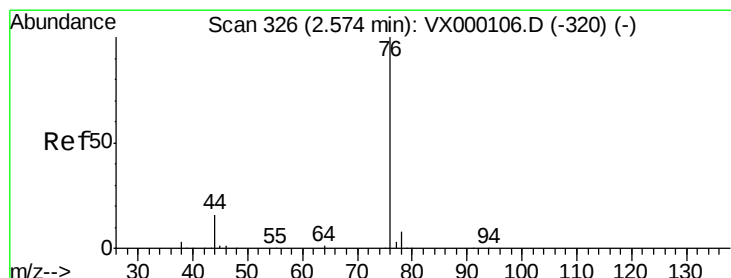
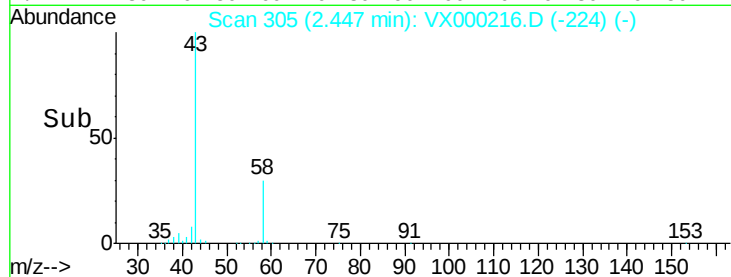
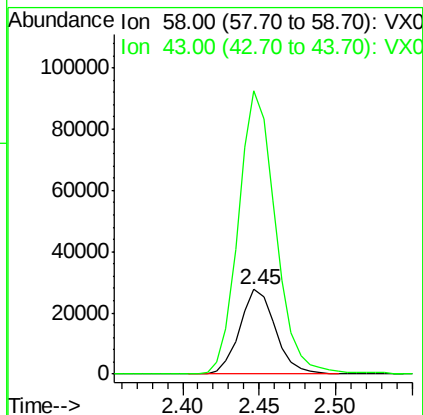
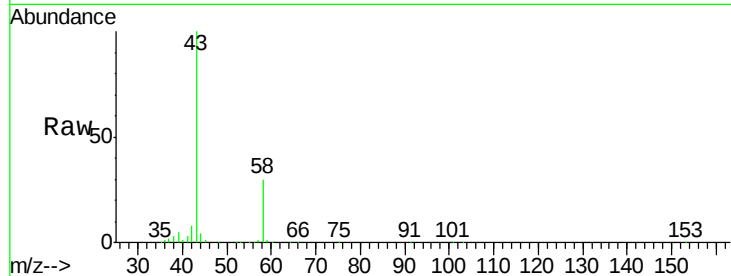
ClientSampled :

VX0308WBS01

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#16

Carbon Disulfide

Concen: 6.64 ug/l

RT: 2.58 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX000216.D

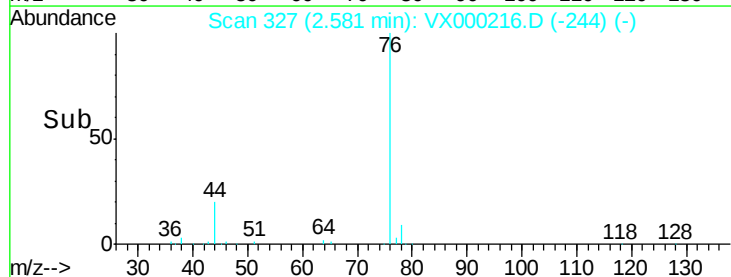
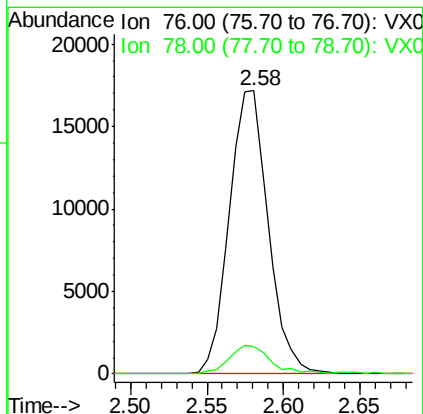
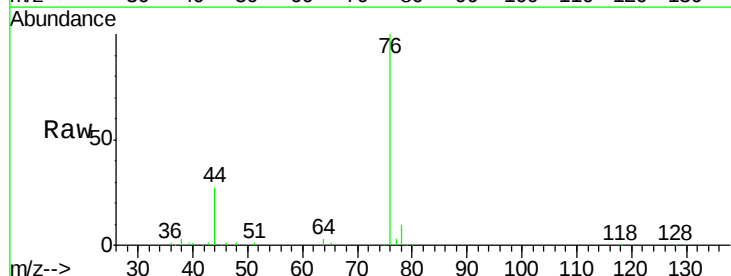
Acq: 08 Mar 2018 11:06

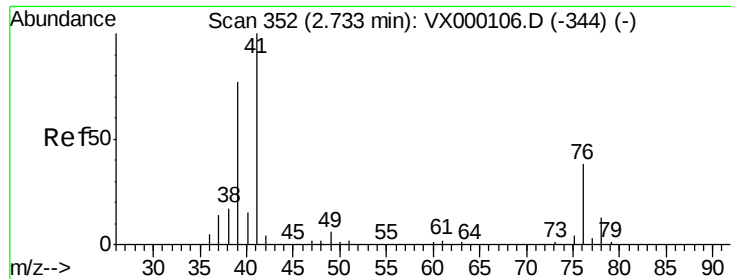
Tgt Ion: 76 Resp: 30240

Ion Ratio Lower Upper

76 100

78 9.3 6.8 10.2





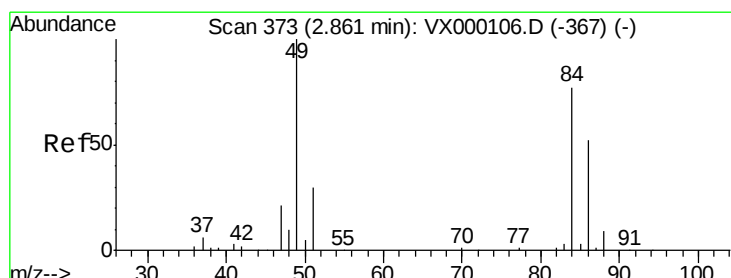
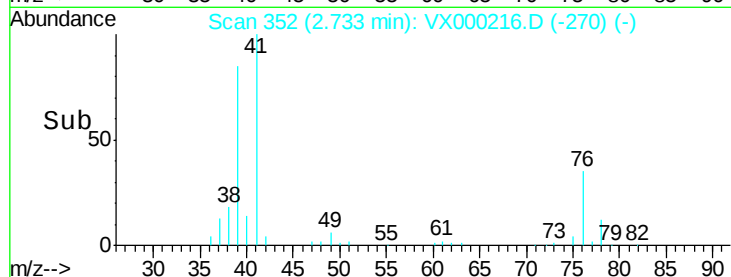
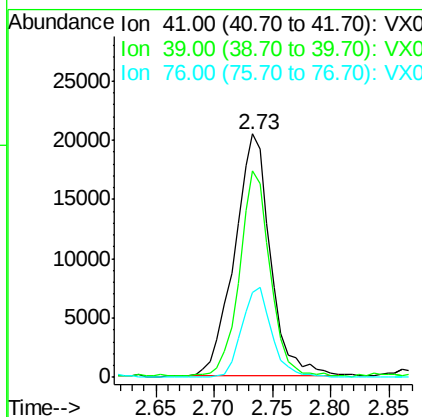
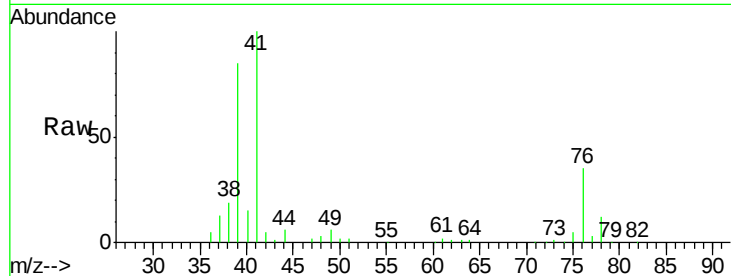
#17
Allvl chloride
Concen: 16.16 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	84.8	38.5	115.5
76	35.0	18.7	56.1

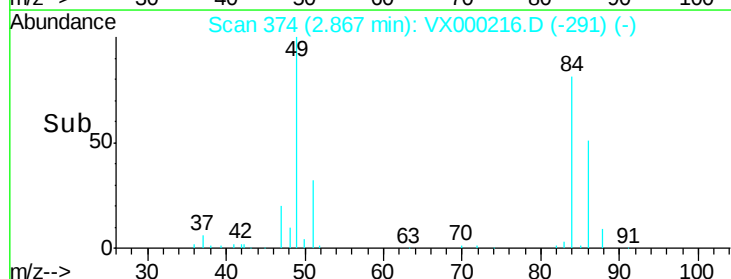
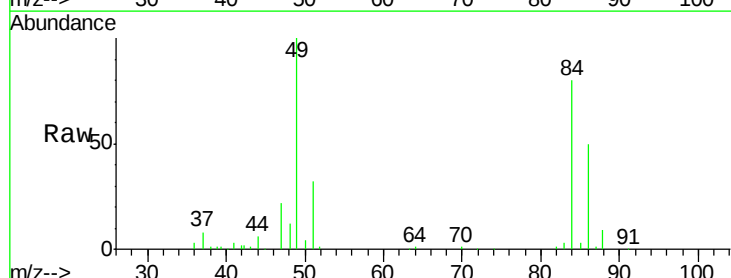
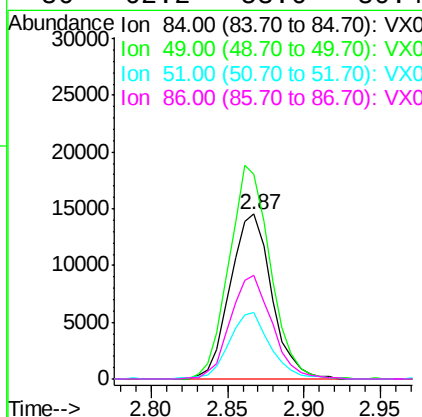
Manual Integrations
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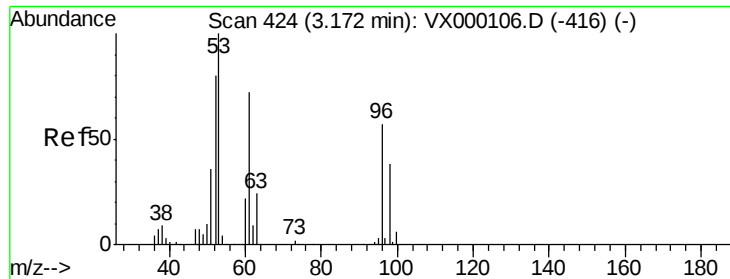
apatel
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#18
Methylene Chloride
Concen: 15.81 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.4	103.3	154.9
51	39.6	31.2	46.8
86	62.2	53.6	80.4





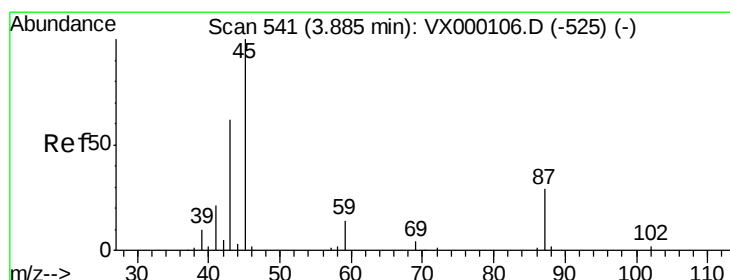
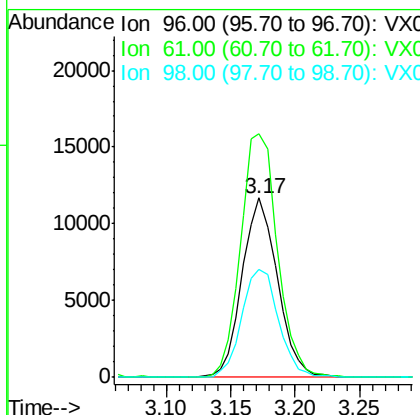
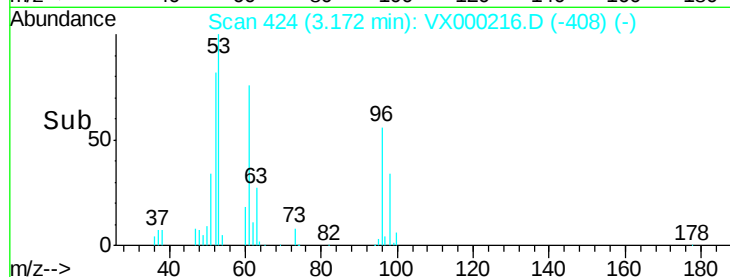
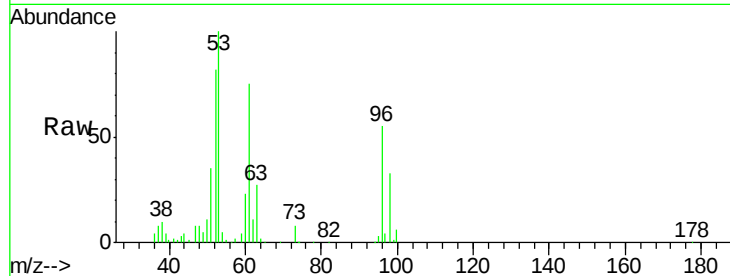
#19
trans-1,2-Dichloroethene
Concen: 12.87 ug/l
RT: 3.17 min Scan# 424
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Instrument :
MSVOA_X
ClientSampled :
VX0308WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.9	101.0	151.6
98	60.2	53.3	79.9

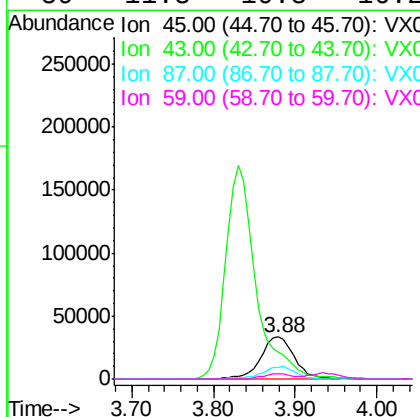
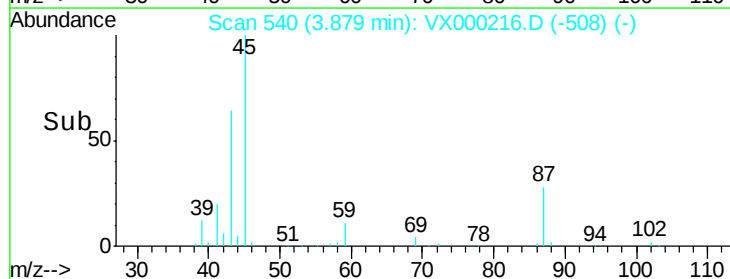
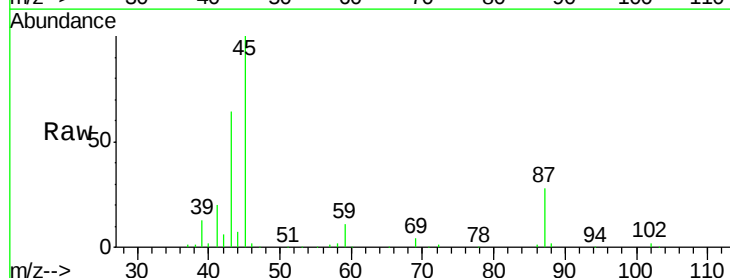
Manual Integrations
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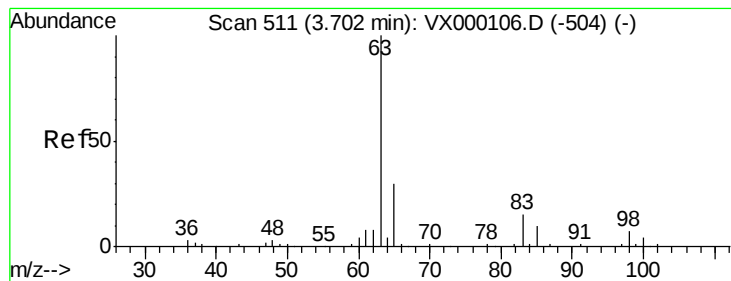
apatel
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#20
Diisopropyl ether
Concen: 22.34 ug/l
RT: 3.88 min Scan# 540
Delta R.T. -0.01 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Tgt Ion	Ratio	Lower	Upper
45	100		
43	63.6	49.6	74.4
87	28.4	23.1	34.7
59	11.3	10.8	16.2





#21

1,1-Dichloroethane

Concen: 18.33 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.01 min

Lab File: VX000216.D

Acq: 08 Mar 2018 11:06

Instrument :

MSVOA_X

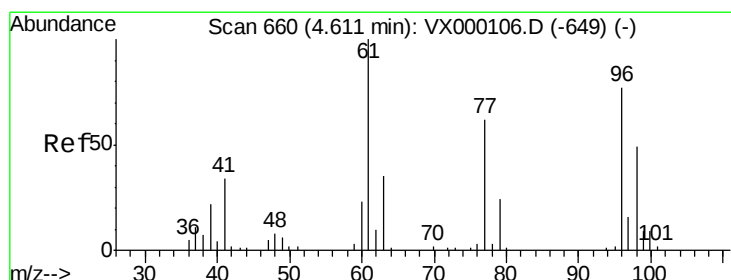
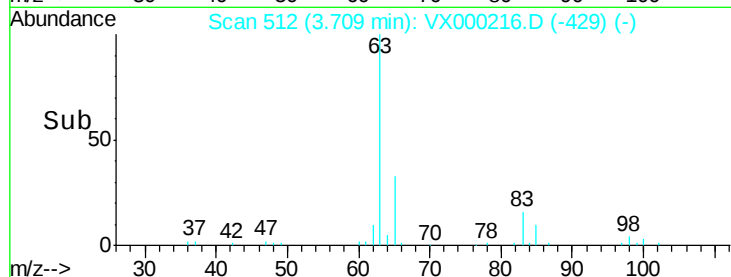
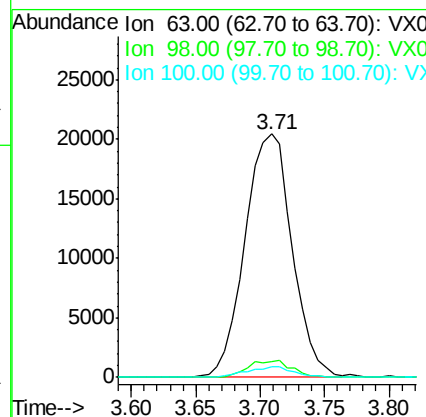
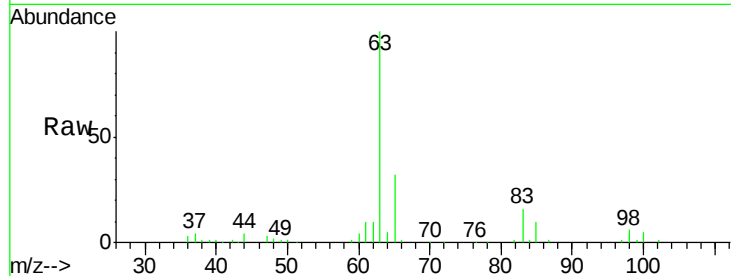
ClientSampled :

VX0308WBS01

Tot Ion:	63	Resp:	51777
Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.3	9.9
100	4.5	2.1	6.5

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#22

cis-1,2-Dichloroethene

Concen: 17.03 ug/l

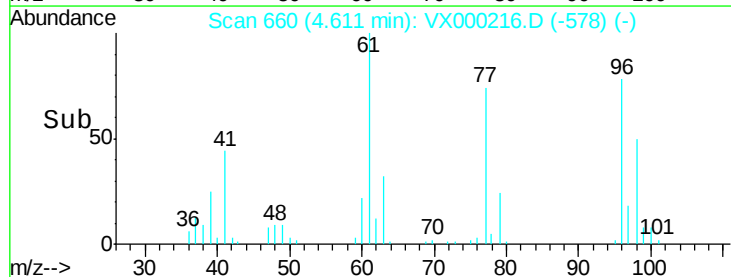
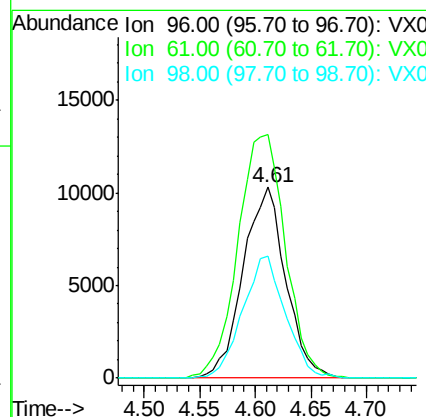
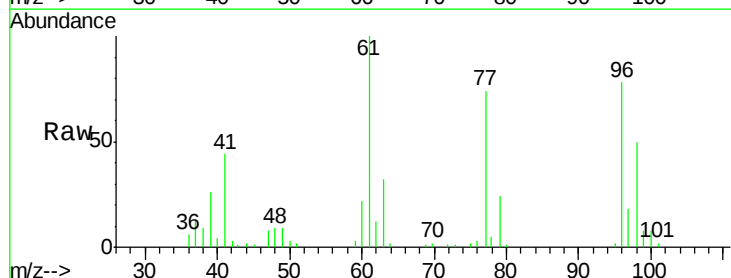
RT: 4.61 min Scan# 660

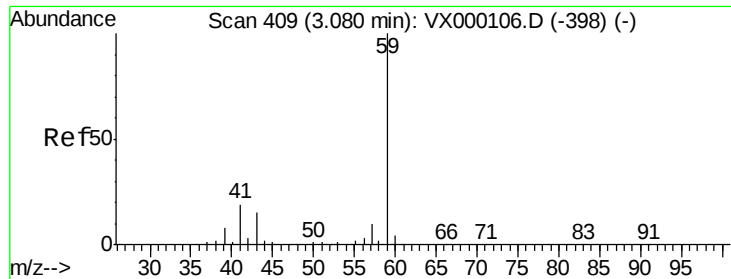
Delta R.T. 0.00 min

Lab File: VX000216.D

Acq: 08 Mar 2018 11:06

Tgt Ion:	96	Resp:	27404
Ion	Ratio	Lower	Upper
96	100		
61	142.0	113.5	170.3
98	64.4	51.8	77.8





#23

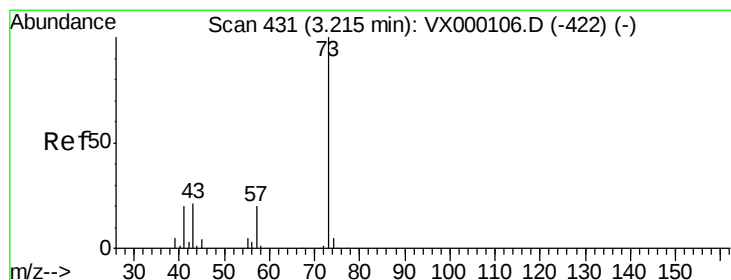
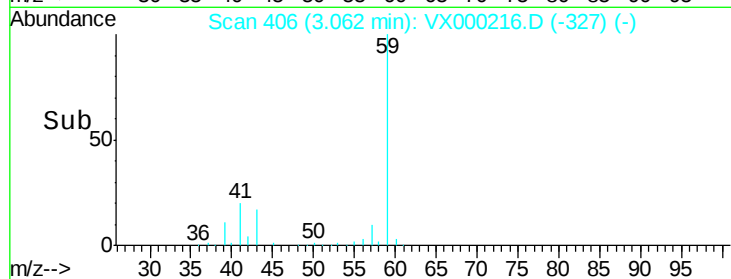
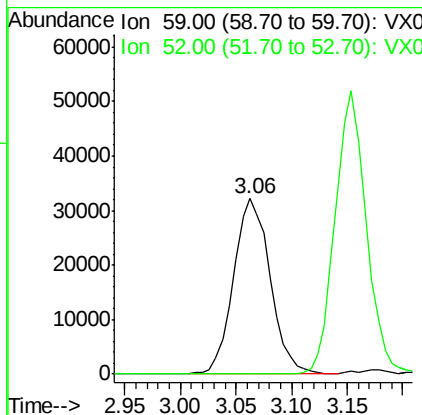
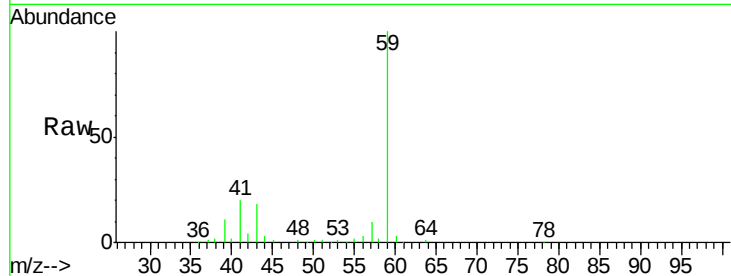
tert-Butyl Alcohol
 Concen: 104.64 ug/l
 RT: 3.06 min Scan# 406
 Delta R.T. -0.02 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS01

Tot Ion	59	52	Ratio	Lower	Upper
73722	100	0.1		0.1	0.1#

Manual Integrations
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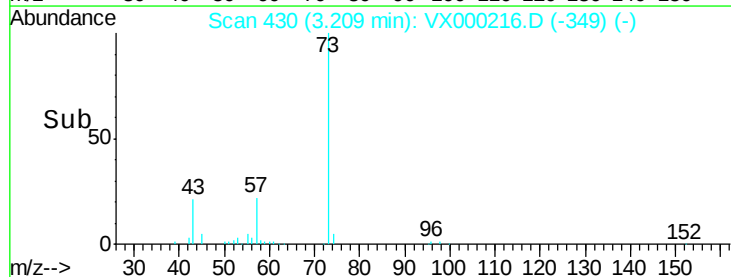
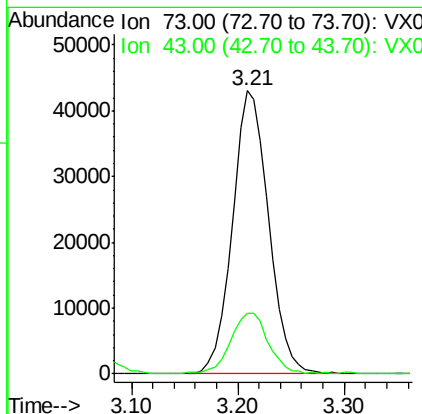
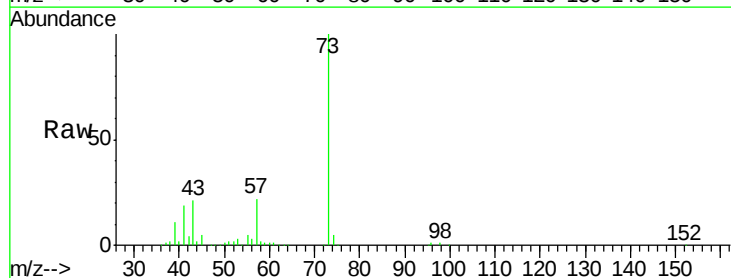
apatel
 3/9/2018 9:38:11 AM

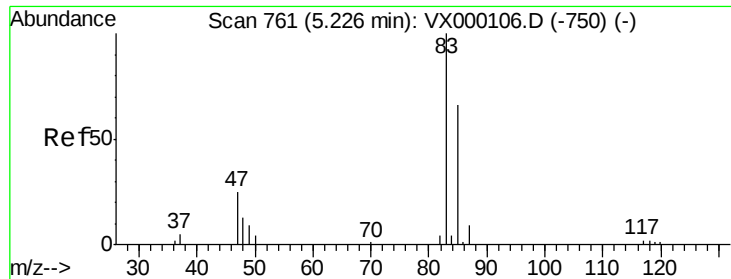


#24

Methyl tert-Butyl Ether
 Concen: 18.69 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

Tgt Ion	73	43	Ratio	Lower	Upper
102517	100	21.7		16.5	24.7





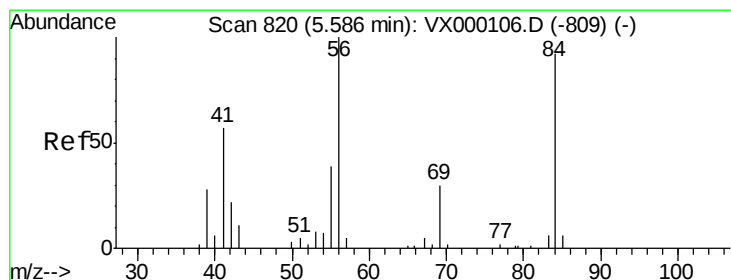
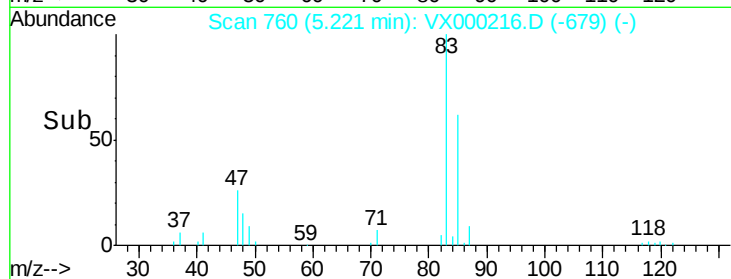
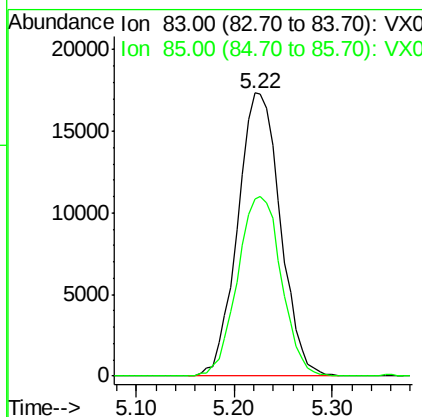
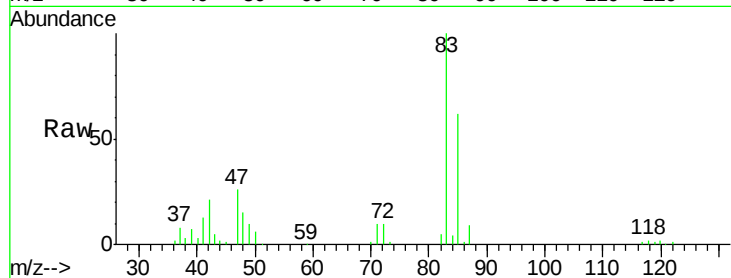
#25
Chloroform
Concen: 18.77 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Instrument :
MSVOA_X
ClientSampled :
VX0308WBS01

Tot Ion	83	Resp	52569
Ion Ratio	100	Lower	Upper
85	62.5	52.5	78.7

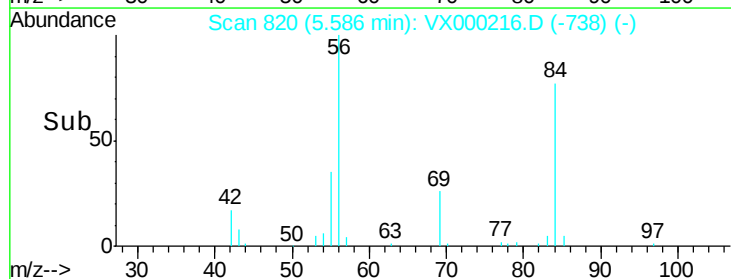
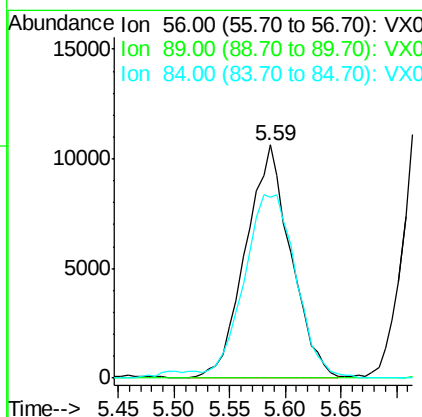
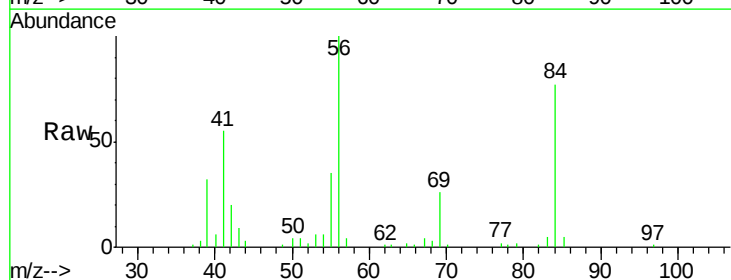
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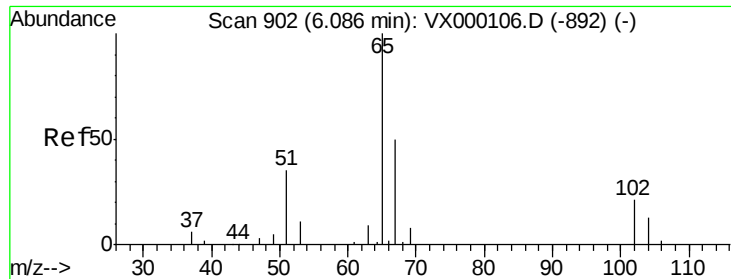
apatel
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#26
Cyclohexane
Concen: 13.56 ug/l
RT: 5.59 min Scan# 820
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Tgt Ion	56	Resp	30029
Ion Ratio	100	Lower	Upper
89	0.0	0.0	0.0
84	90.4	74.8	112.2





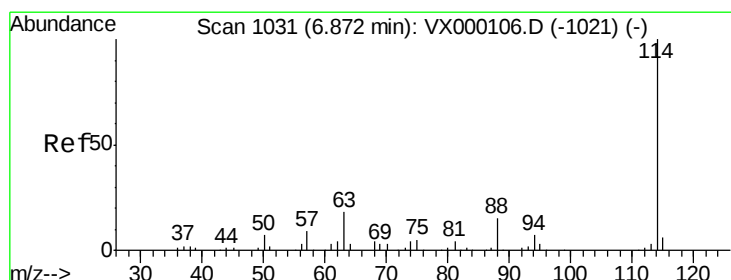
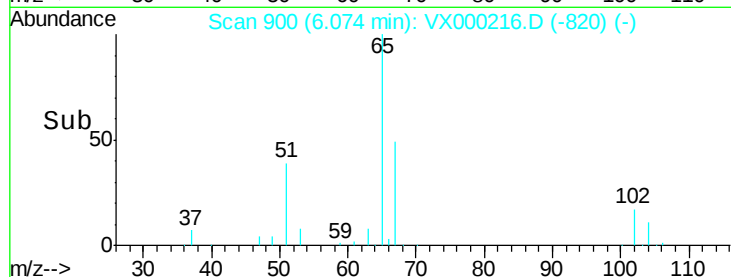
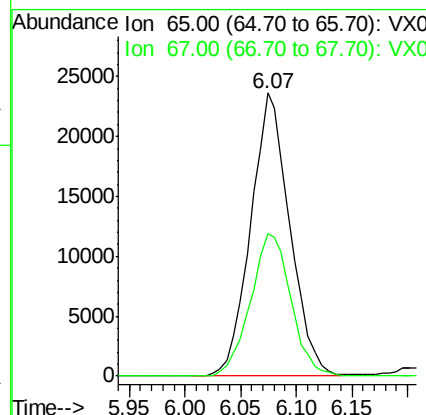
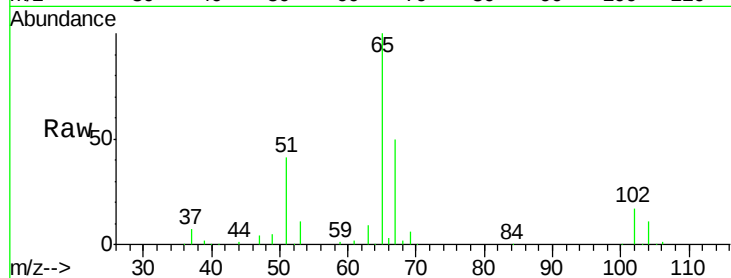
#27
 1,2-Dichloroethane-d4
 Concen: 31.27 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

Instrument :
 MSVOA_X
 ClientSampled :
 VX0308WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.9	41.4	62.2

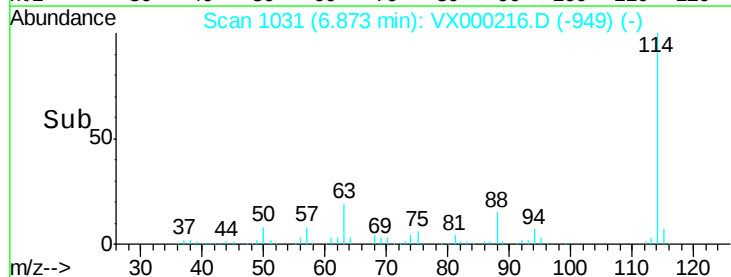
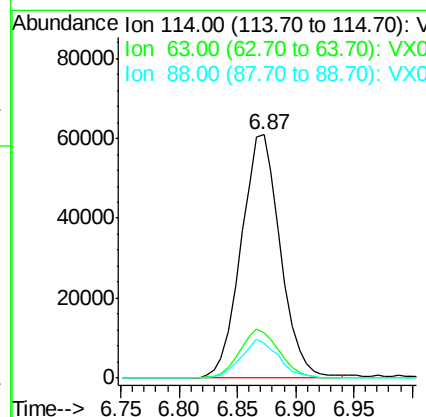
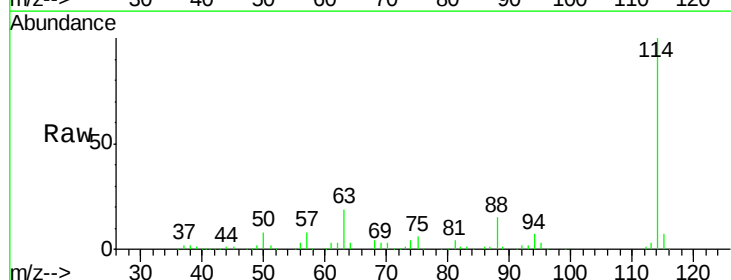
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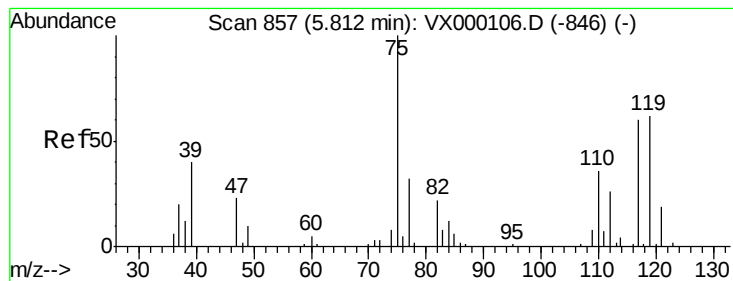
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#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	15.0	22.4
88	15.2	11.8	17.8





#29

1,1-Dichloropropene

Concen: 15.52 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX000216.D

Acq: 08 Mar 2018 11:06

Instrument :

MSVOA_X

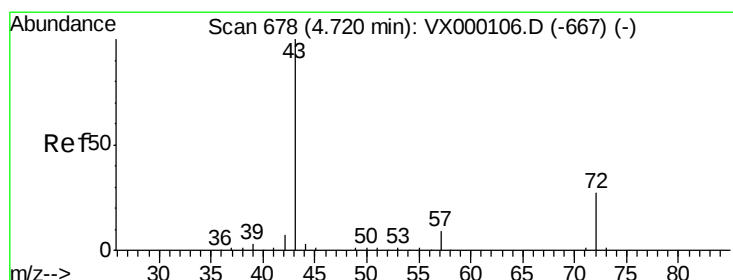
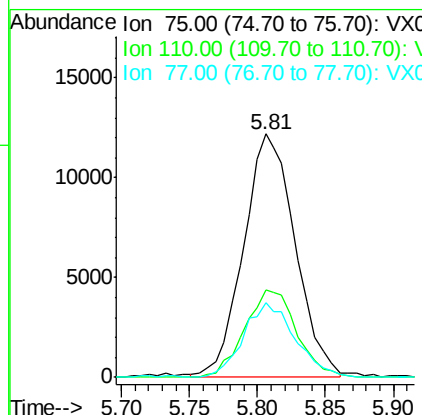
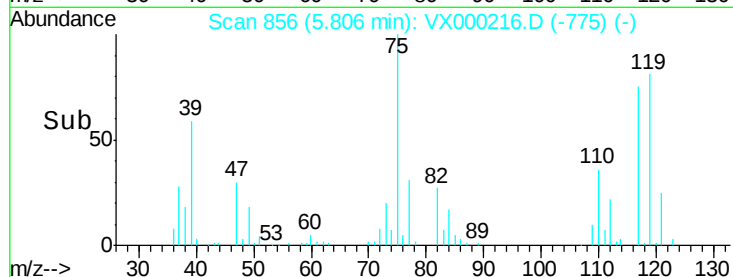
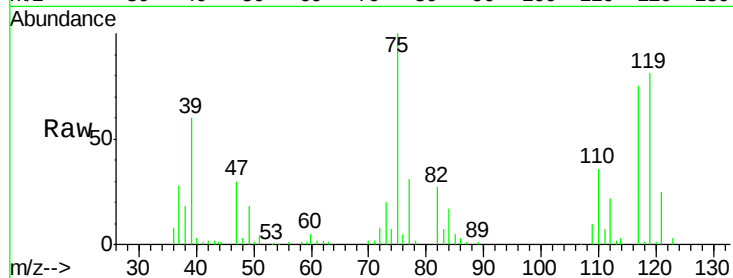
ClientSampled :

VX0308WBS01

Tot Ion:	75	Resp:	32350
Ion Ratio	Lower	Upper	
75	100		
110	36.1	0.0	75.6
77	30.6	0.0	62.6

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#30

2-Butanone

Concen: 111.99 ug/l

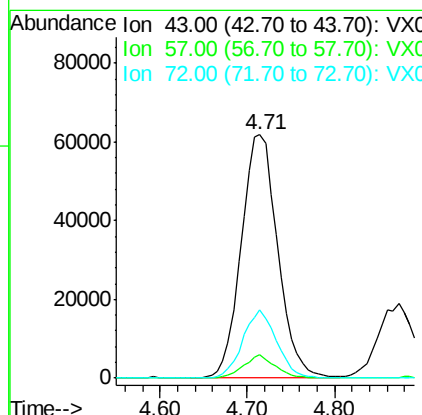
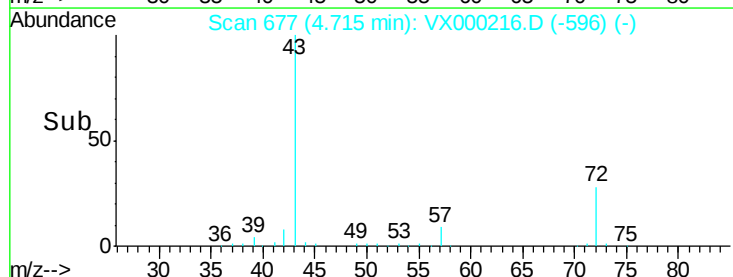
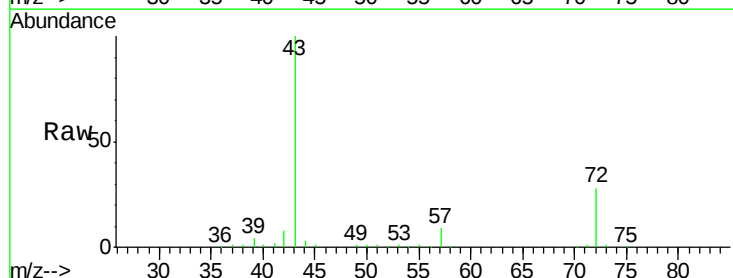
RT: 4.71 min Scan# 677

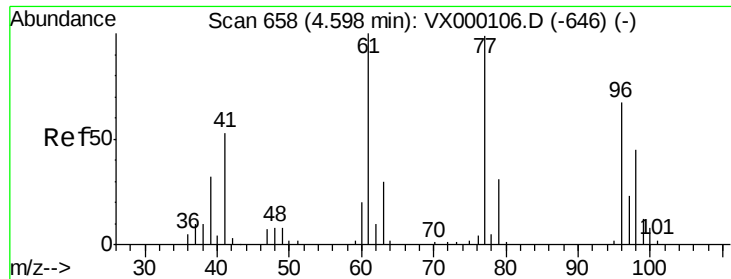
Delta R.T. -0.01 min

Lab File: VX000216.D

Acq: 08 Mar 2018 11:06

Tgt Ion:	43	Resp:	179632
Ion Ratio	Lower	Upper	
43	100		
57	8.3	6.6	10.0
72	25.9	21.8	32.6





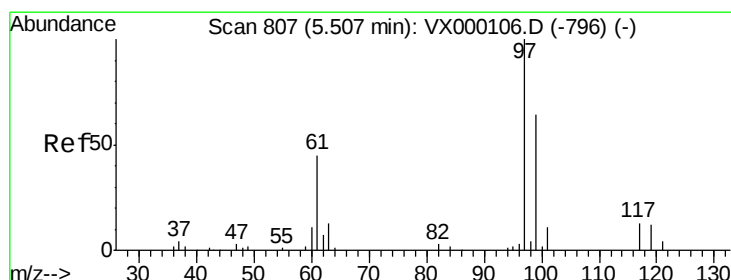
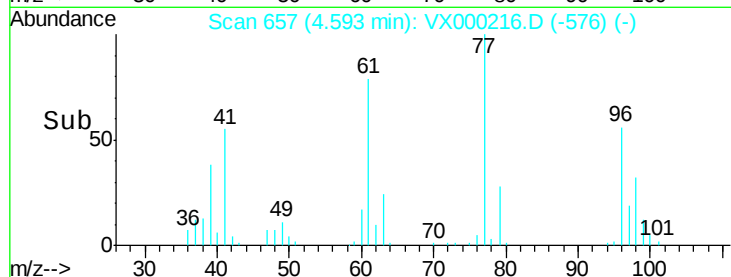
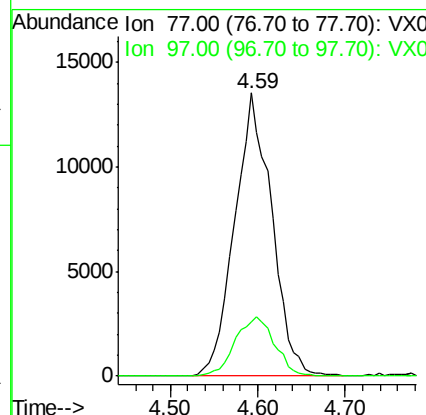
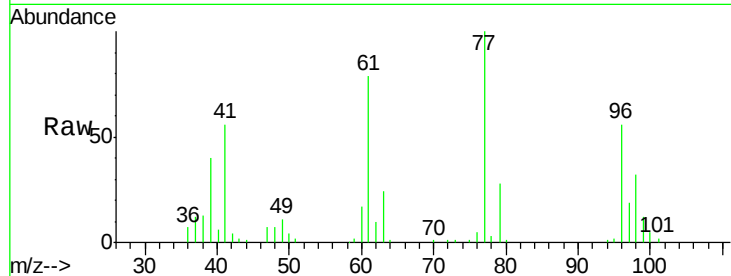
#31
 2,2-Dichloropropane
 Concen: 17.76 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

Instrument :
 MSVOA_X
 ClientSampled :
 VX0308WBS01

Tot Ion: 77 Resp: 39816
 Ion Ratio Lower Upper
 77 100
 97 22.3 18.6 27.8

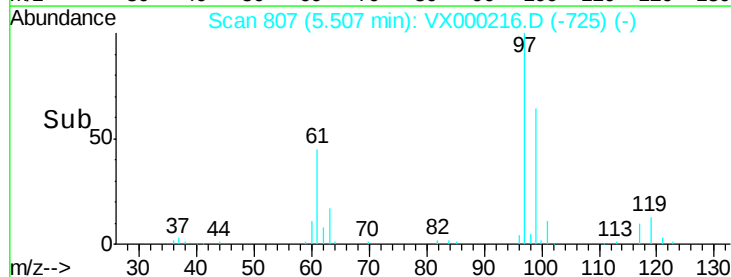
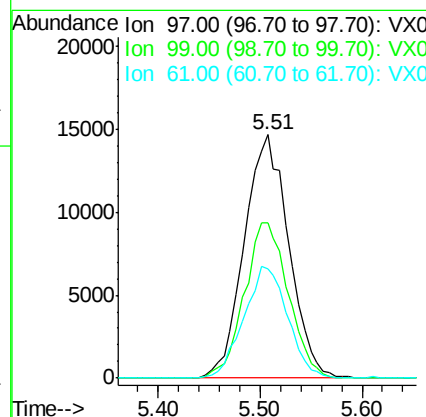
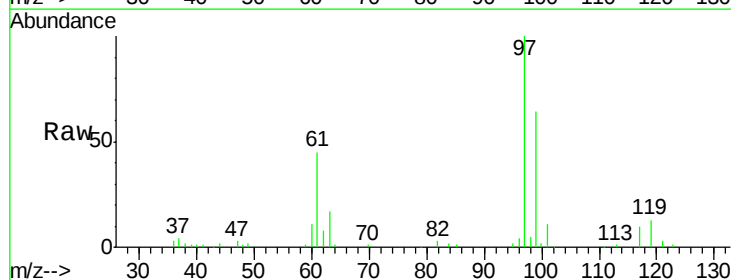
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#32
 1,1,1-Trichloroethane
 Concen: 17.63 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

Tgt Ion: 97 Resp: 44440
 Ion Ratio Lower Upper
 97 100
 99 63.0 52.3 78.5
 61 45.2 34.3 51.5





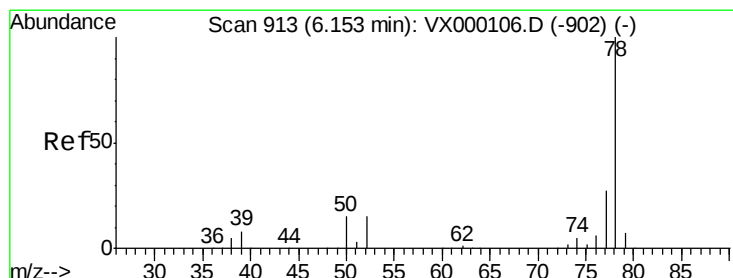
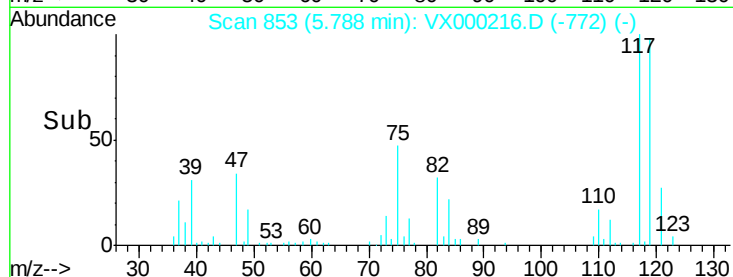
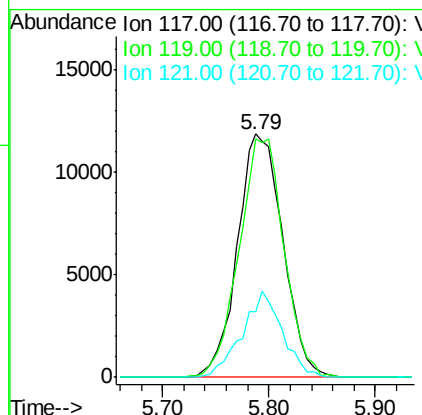
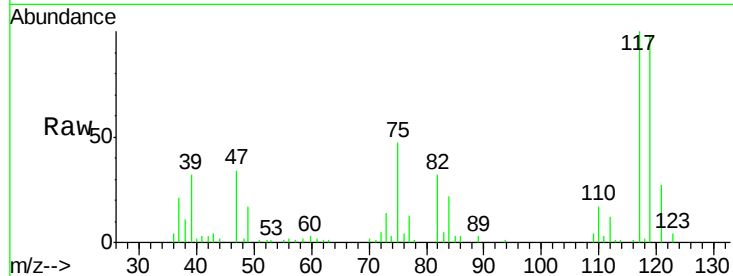
#33
Carbon Tetrachloride
Concen: 15.82 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
119	98.0	73.5	110.3
121	26.8	24.6	37.0

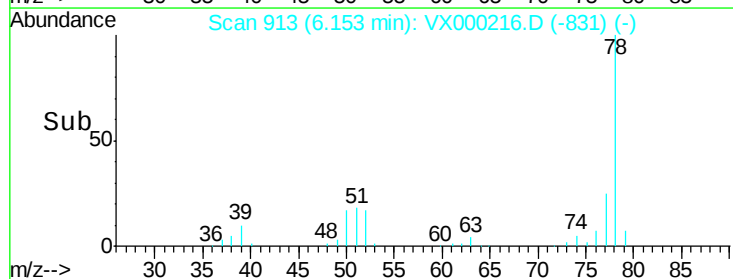
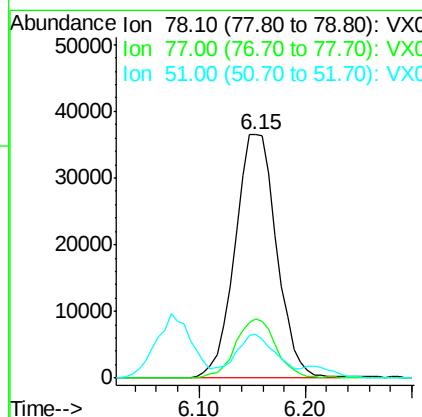
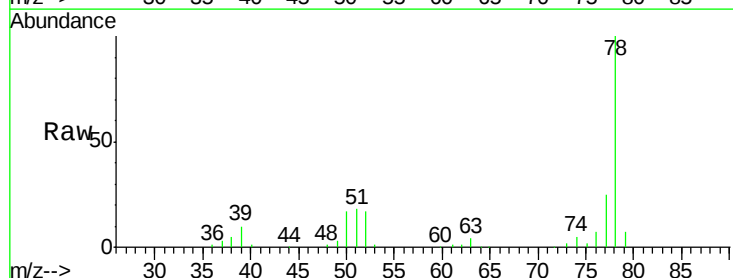
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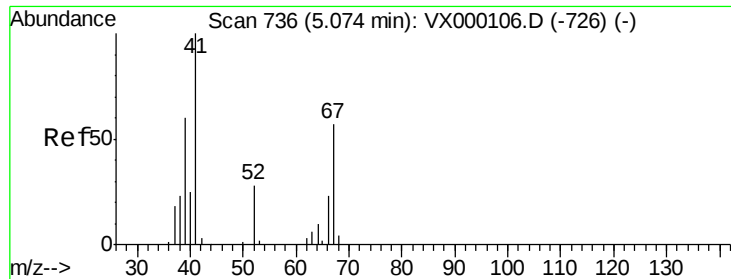
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#34
Benzene
Concen: 16.72 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	21.7	32.5
51	16.3	14.9	22.3





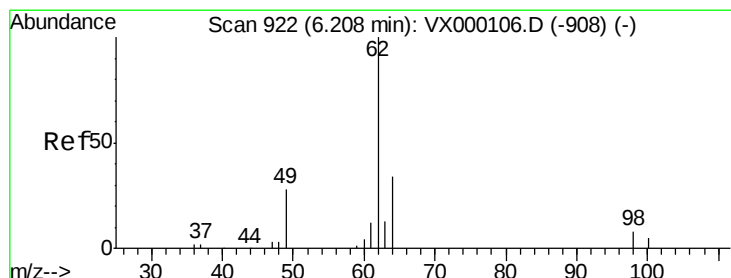
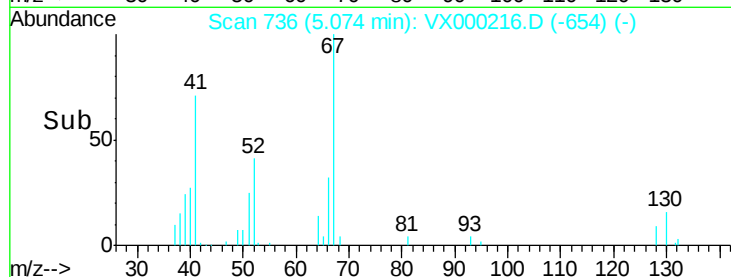
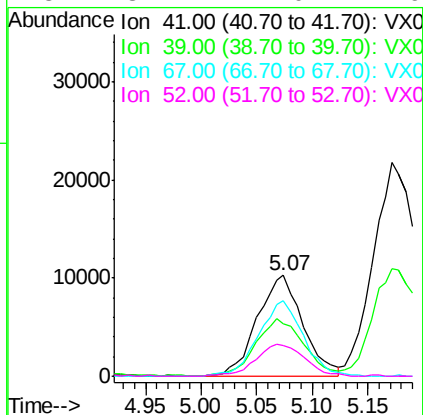
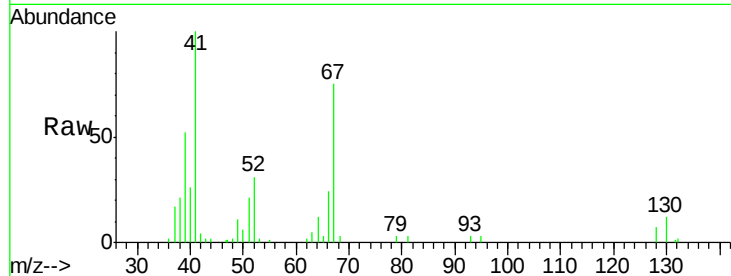
#35
Methacrylonitrile
Concen: 19.89 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Instrument :
MSVOA_X
ClientSampled :
VX0308WBS01

Tot Ion	Ion	Ratio	Lower	Upper
29374	41	100		
	39	52.1	29.8	89.3
	67	75.3	28.7	86.3
	52	31.1	14.0	41.9

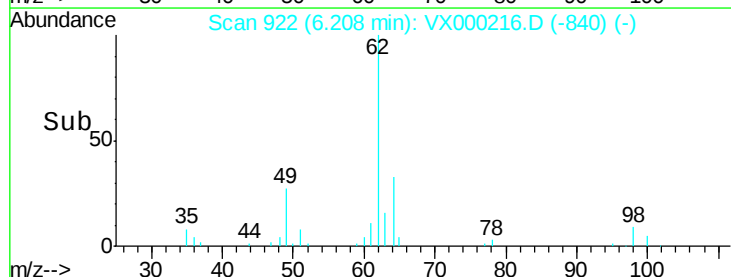
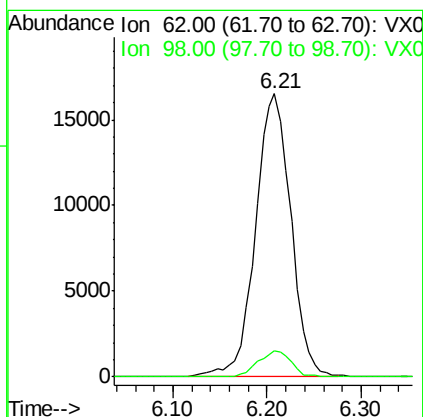
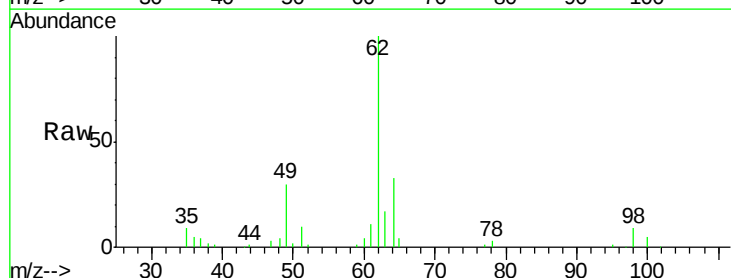
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#36
1,2-Dichloroethane
Concen: 19.10 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Tgt Ion	Ion	Ratio	Lower	Upper
43438	62	100		
	98	8.5	6.9	10.3





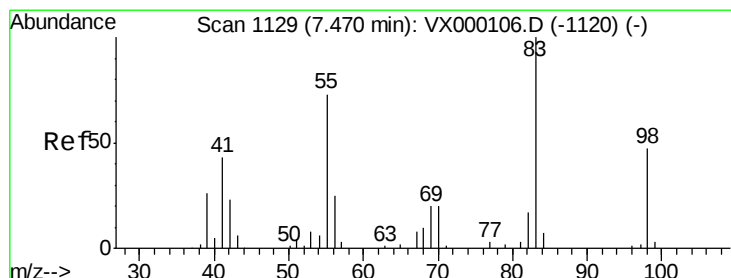
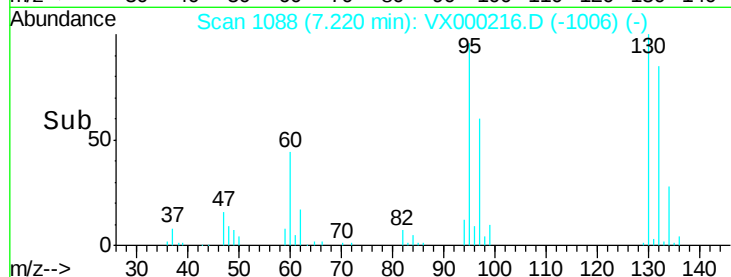
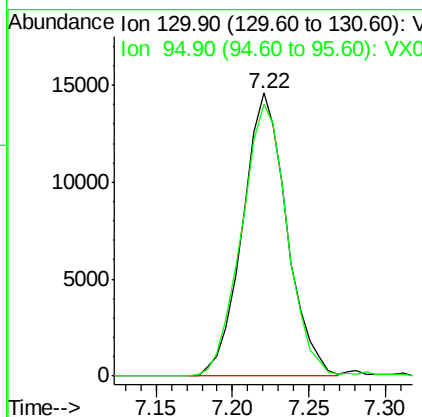
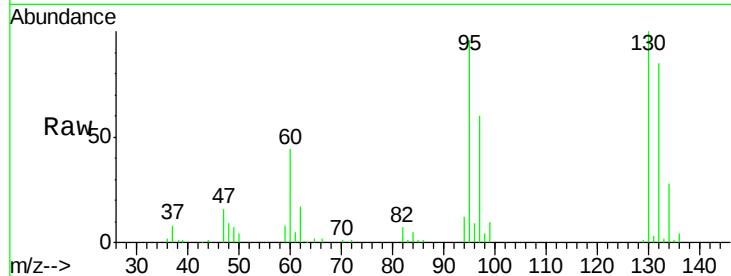
#37
 Trichloroethene
 Concen: 16.58 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS01

Tot Ion:130 Resp: 29380
 Ion Ratio Lower Upper
 130 100
 95 95.8 74.6 112.0

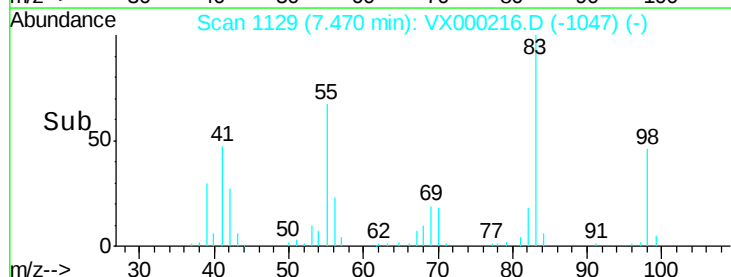
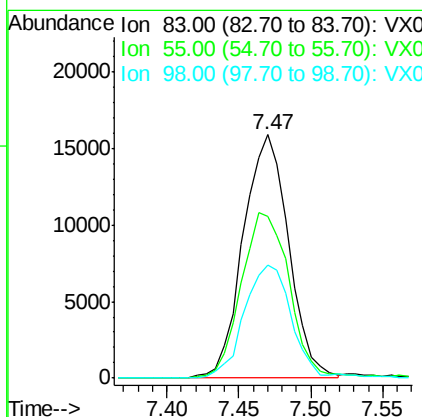
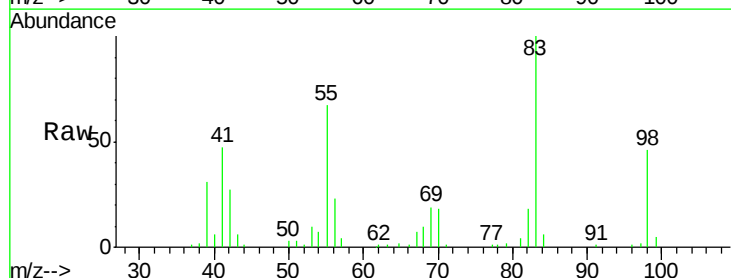
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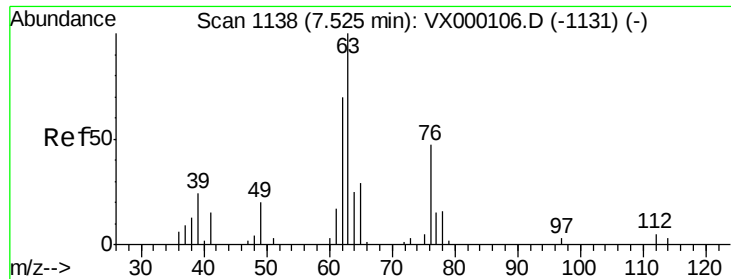
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#38
 Methylcyclohexane
 Concen: 13.90 ug/l
 RT: 7.47 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

Tgt Ion: 83 Resp: 34733
 Ion Ratio Lower Upper
 83 100
 55 72.6 35.9 107.7
 98 47.7 24.6 74.0





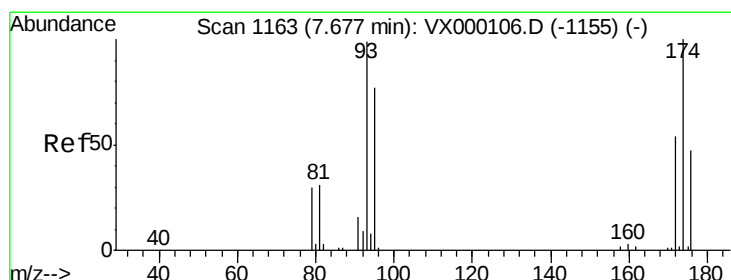
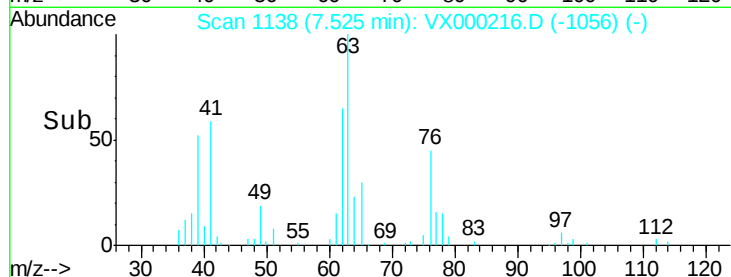
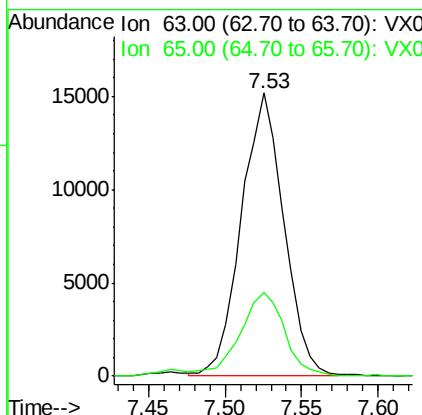
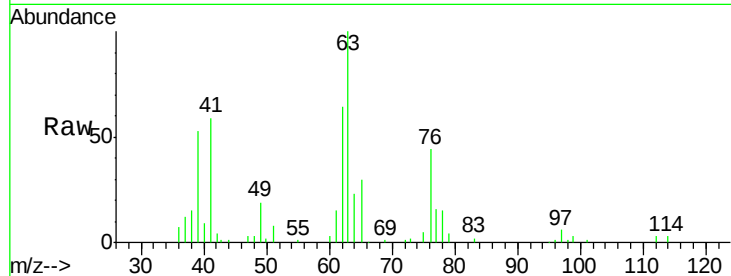
#39
 1,2-Dichloropropane
 Concen: 19.59 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS01

Tot Ion: 63 Resp: 29324
 Ion Ratio Lower Upper
 63 100
 65 29.9 25.0 37.6

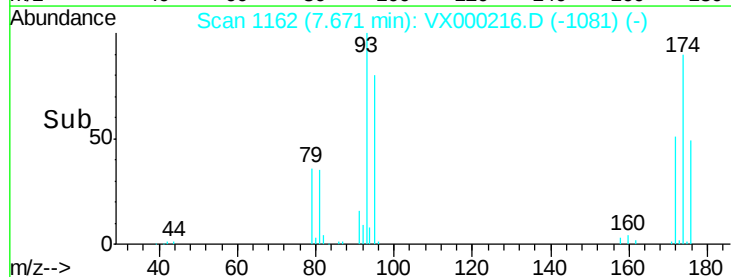
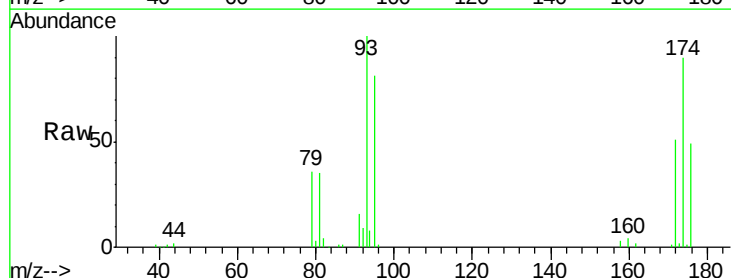
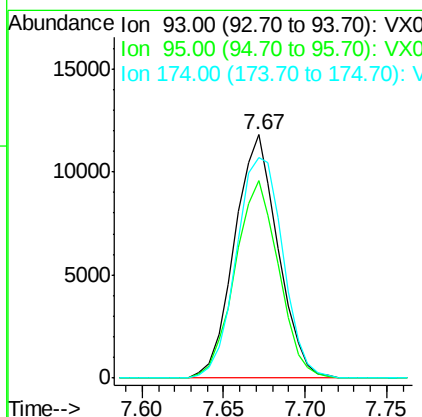
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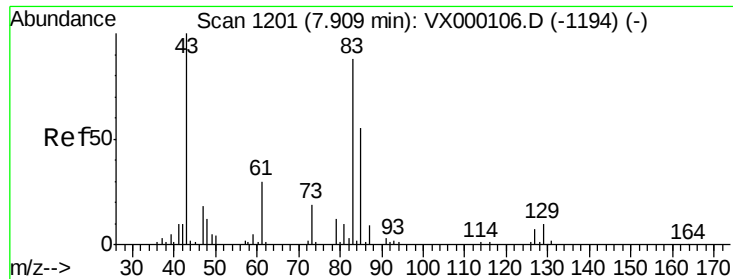
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#40
 Dibromomethane
 Concen: 19.01 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

Tgt Ion: 93 Resp: 21928
 Ion Ratio Lower Upper
 93 100
 95 81.2 0.0 170.6
 174 97.2 0.0 210.4





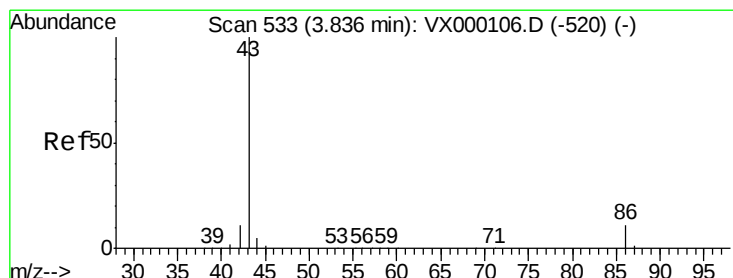
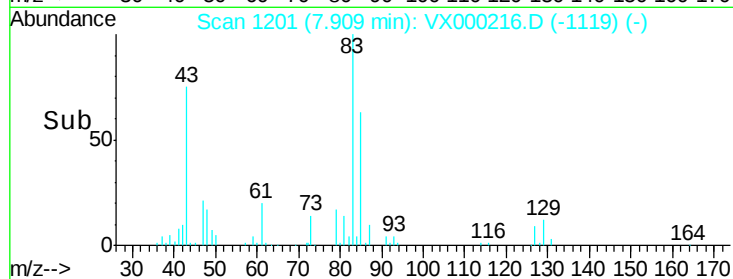
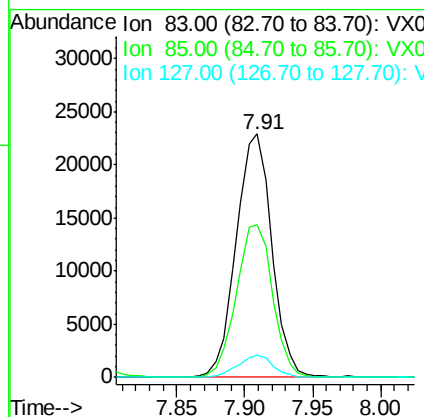
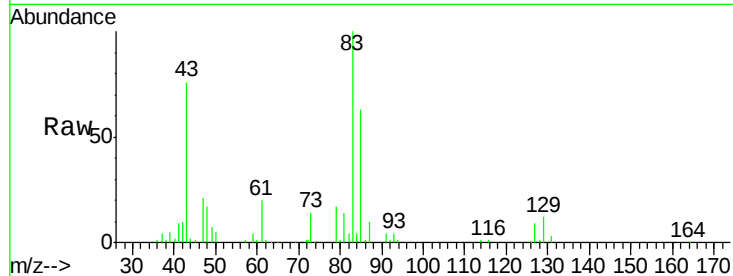
#41
Bromodichloromethane
Concen: 19.09 ug/l
RT: 7.91 min Scan# 1201
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

Tot Ion	83	Resp	41859
Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.0	75.0
127	9.0	6.6	10.0

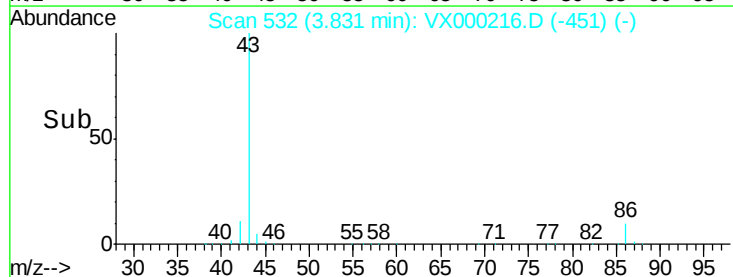
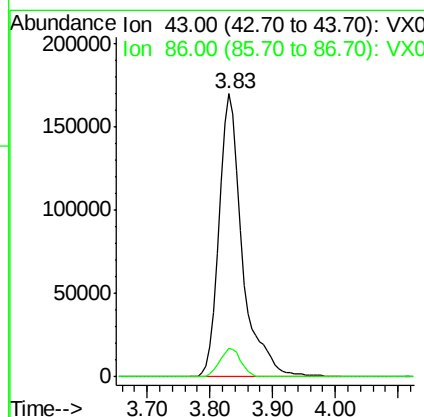
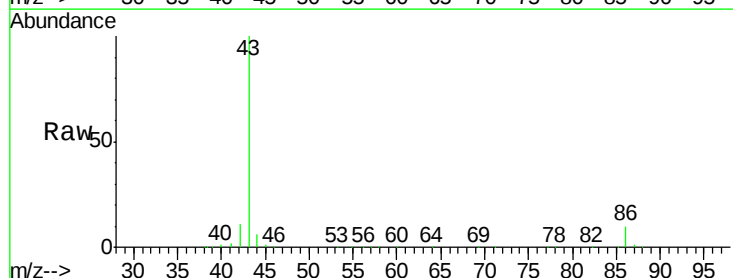
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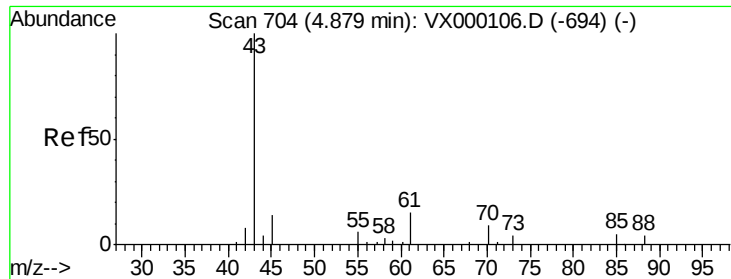
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#42
Vinyl Acetate
Concen: 107.13 ug/l
RT: 3.83 min Scan# 532
Delta R.T. -0.01 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Tgt Ion	43	Resp	437994
Ion	Ratio	Lower	Upper
43	100		
86	9.2	7.8	11.6





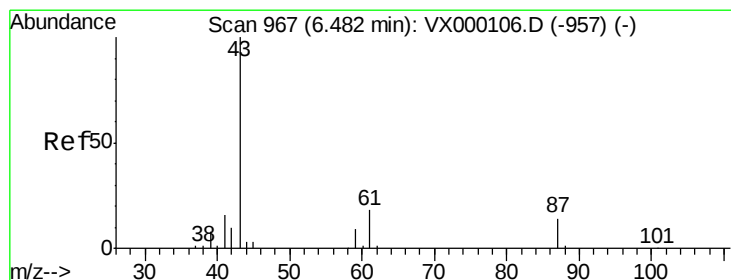
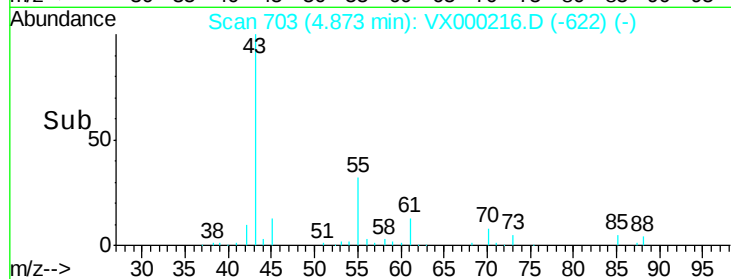
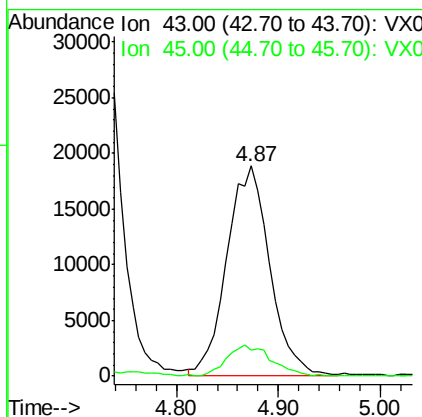
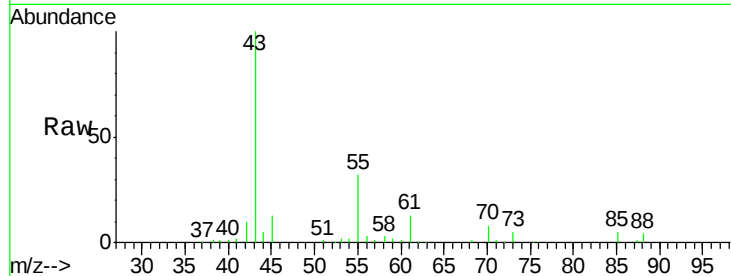
#43
Ethyl Acetate
Concen: 19.64 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.01 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

Tot Ion: 43 Resp: 55340
Ion Ratio Lower Upper
43 100
45 8.2 11.4 17.0#

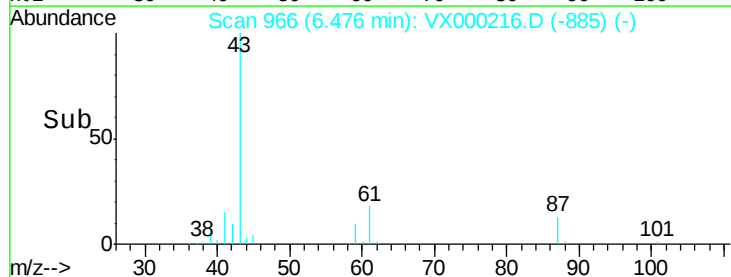
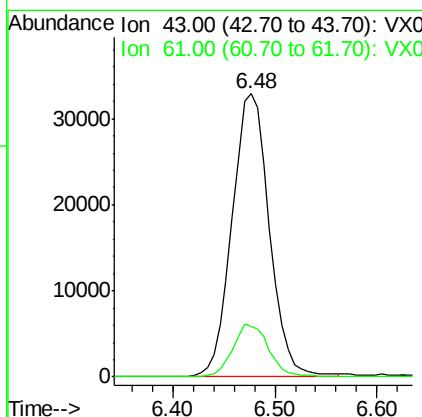
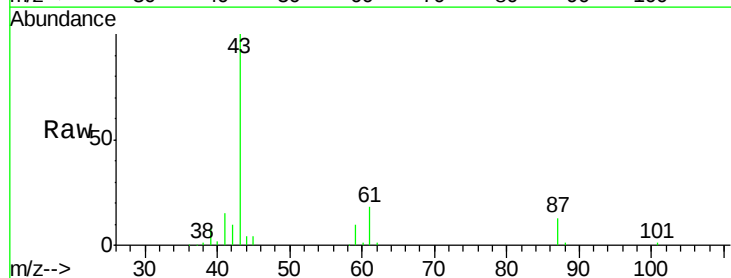
Manual Integrations
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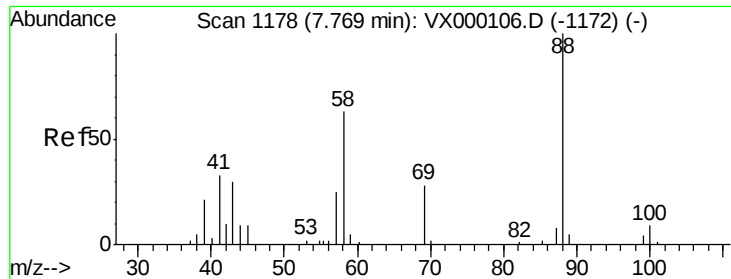
apatel
3/9/2018 9:38:11 AM



#44
Isopropyl Acetate
Concen: 20.20 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.01 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Tgt Ion: 43 Resp: 83494
Ion Ratio Lower Upper
43 100
61 17.9 15.7 23.5





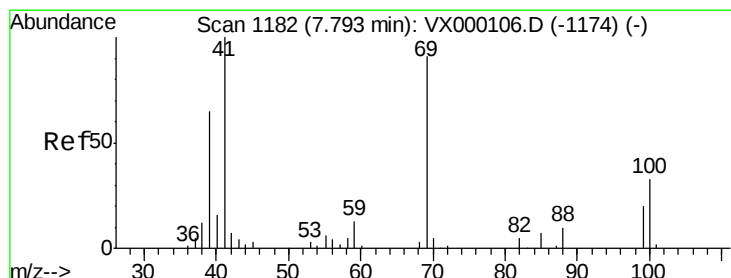
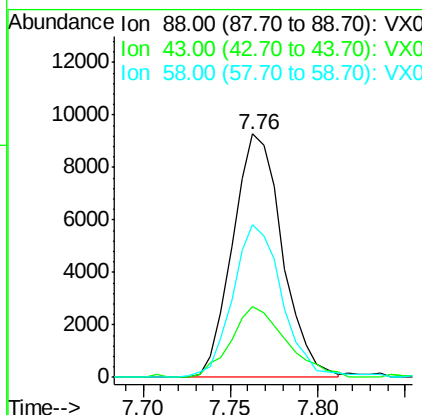
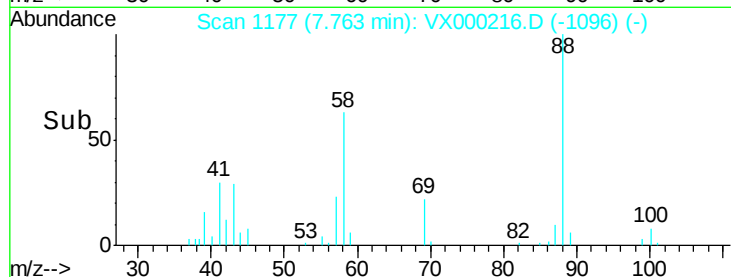
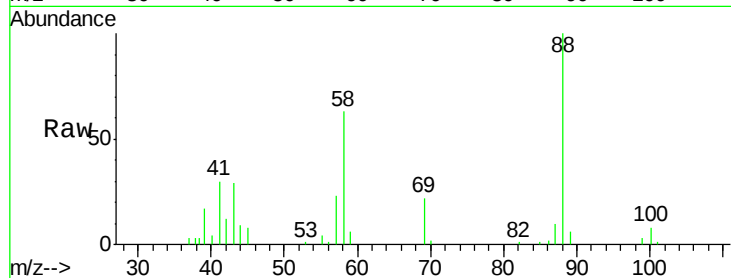
#45
 1,4-Dioxane
 Concen: 352.12 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.5	26.8	40.2
58	63.1	52.1	78.1

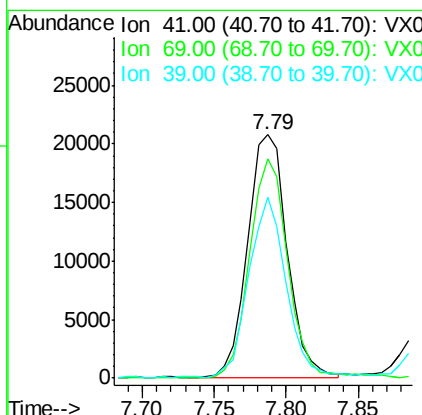
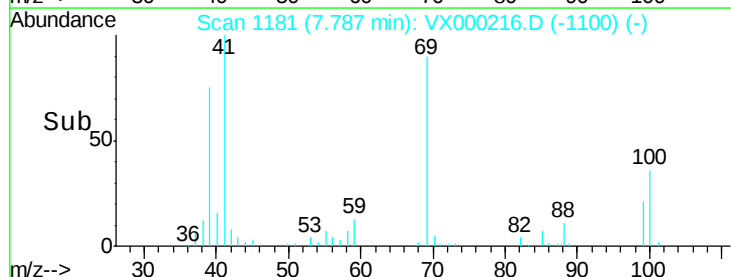
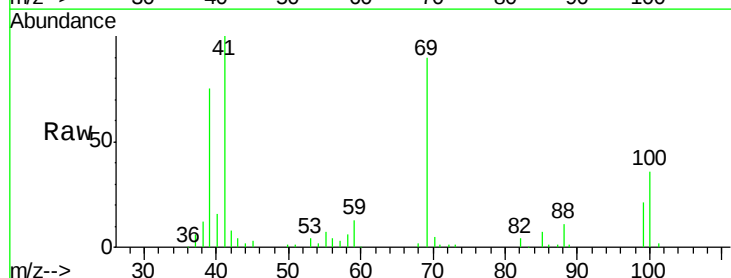
Manual Integrations
 APPROVED

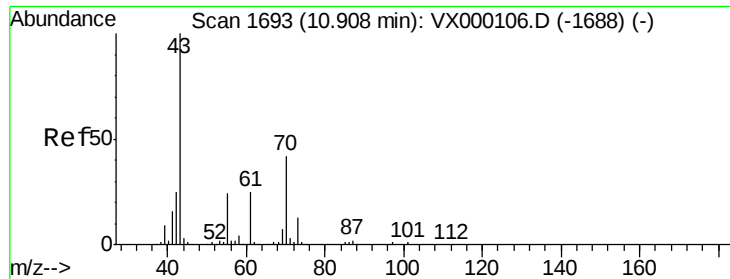
apatel
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#46
 Methyl methacrylate
 Concen: 19.73 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

Tgt Ion	Ratio	Lower	Upper
41	100		
69	90.0	45.5	136.5
39	74.0	32.5	97.5





#47

n-amvl Acetate

Concen: 21.16 ug/l

RT: 10.91 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VX000216.D

Acq: 08 Mar 2018 11:06

Instrument :

MSVOA_X

ClientSampled :

VX0308WBS01

Tot Ion: 43 Resp: 76370

Ion Ratio Lower Upper

43 100

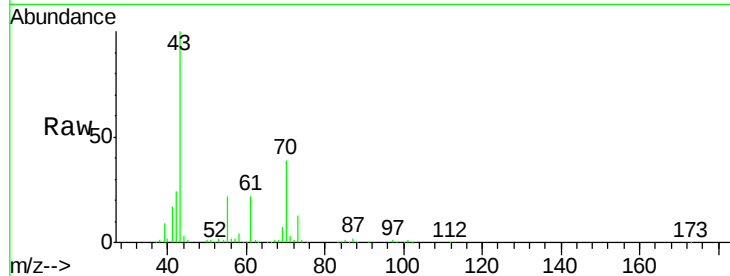
55 22.2 19.4 29.2

Manual Integrations

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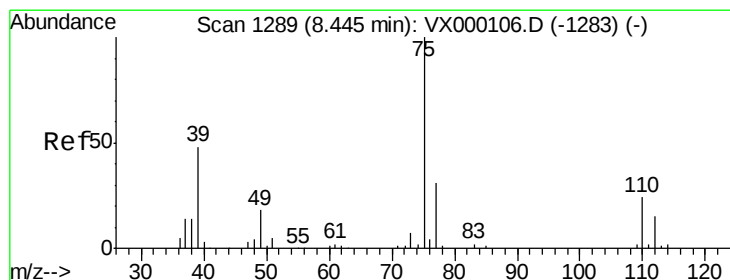
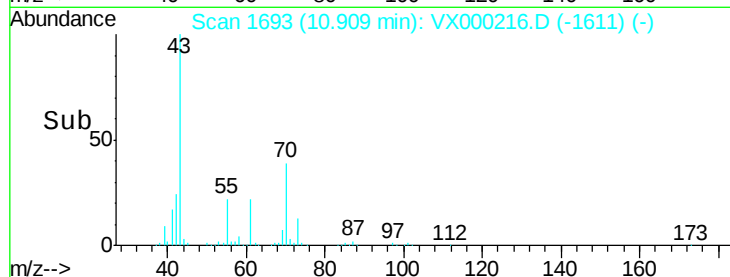
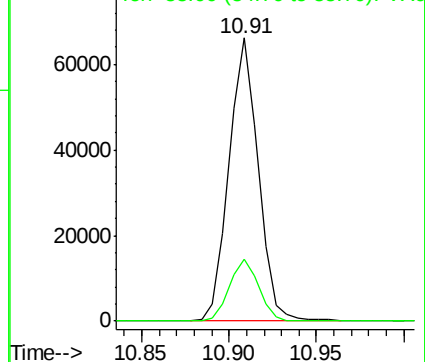
apatel

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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: 18.42 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX000216.D

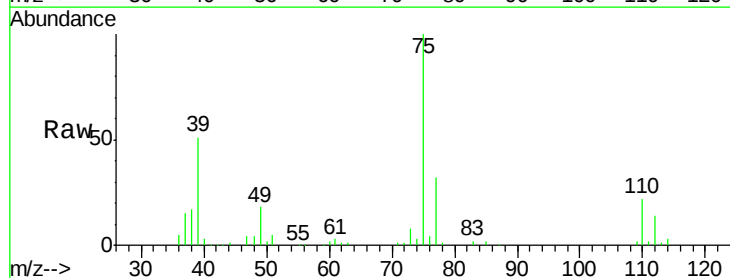
Acq: 08 Mar 2018 11:06

Tgt Ion: 75 Resp: 47009

Ion Ratio Lower Upper

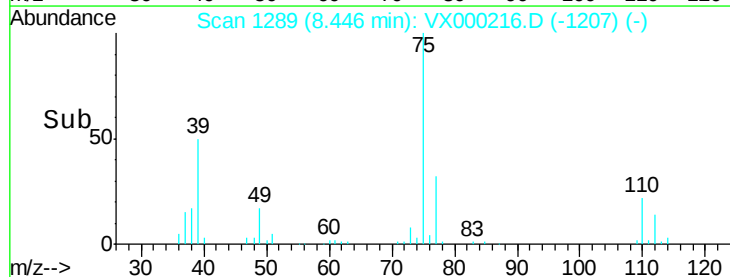
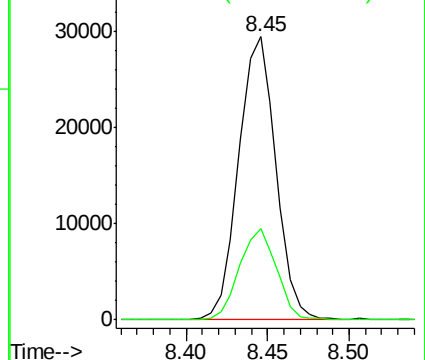
75 100

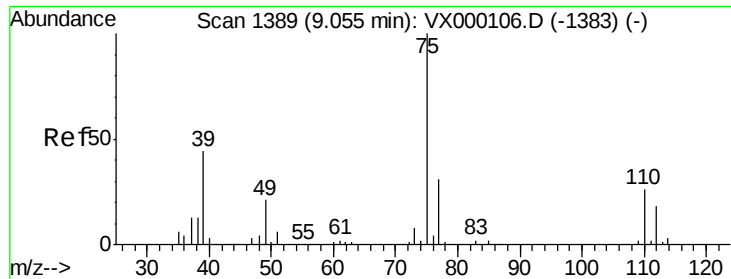
77 32.3 24.6 37.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





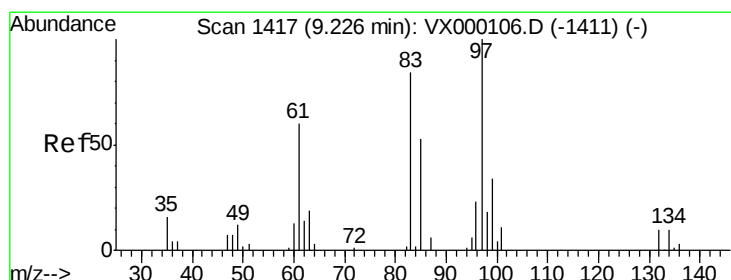
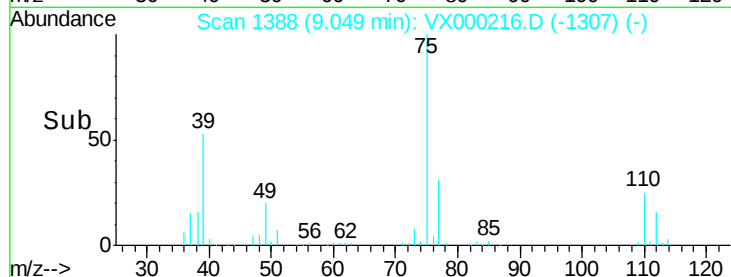
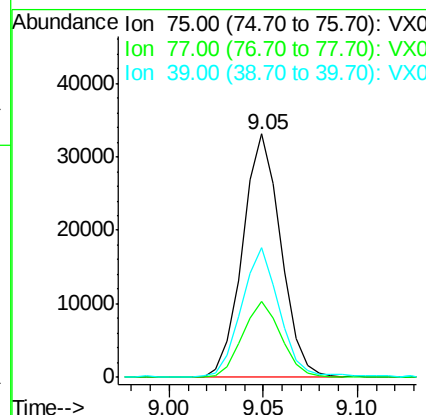
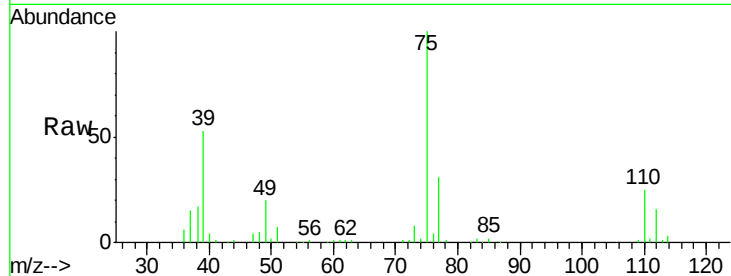
#49
 cis-1,3-Dichloropropene
 Concen: 18.78 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

Instrument :
 MSVOA_X
 ClientSampled :
 VX0308WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.5	36.7
39	53.2	35.6	53.4

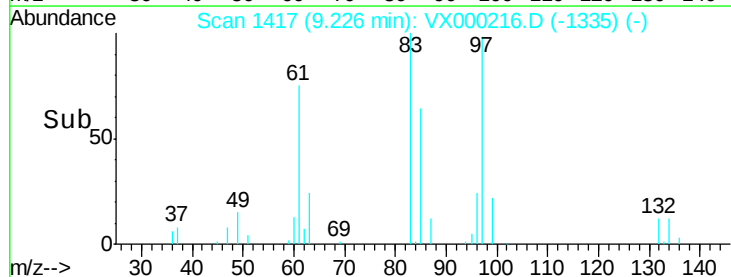
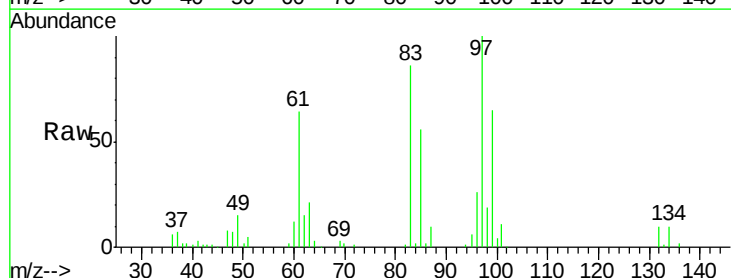
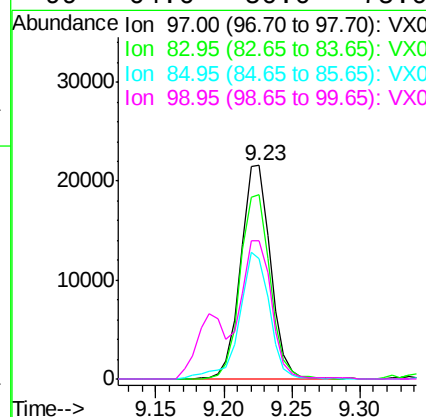
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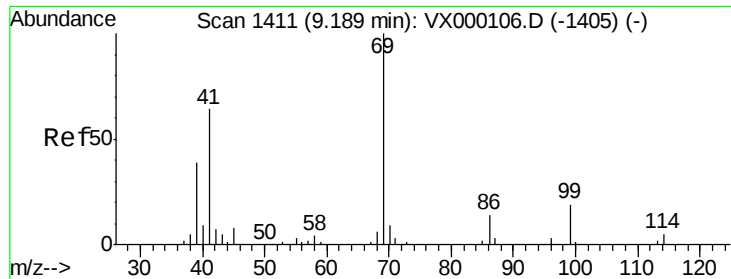
apatel
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#50
 1,1,2-Trichloroethane
 Concen: 19.54 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.4	66.9	100.3
85	56.5	44.4	66.6
99	64.6	50.0	75.0





#51

Ethyl methacrylate

Concen: 19.49 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX000216.D

Acq: 08 Mar 2018 11:06

Instrument :

MSVOA_X

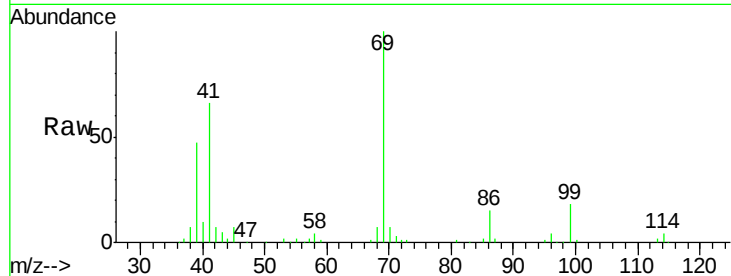
ClientSampleId :

VX0308WBS01

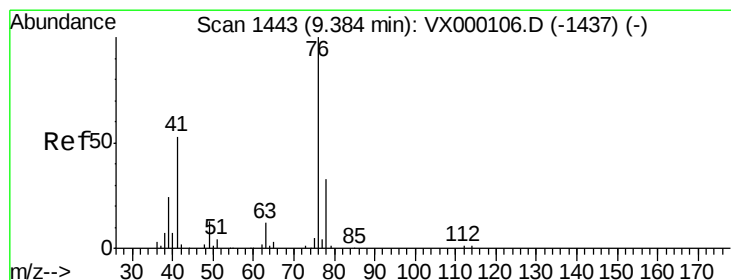
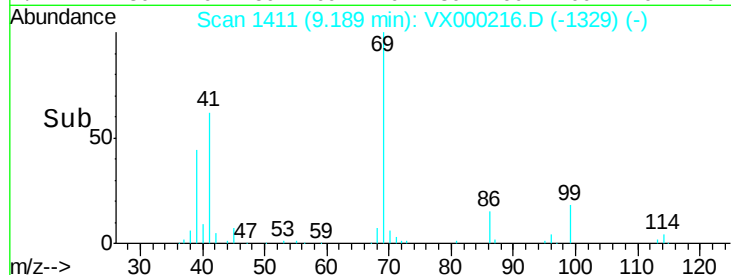
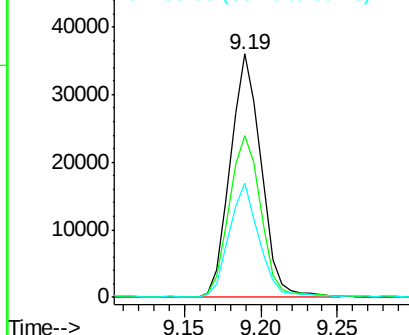
Tot Ion:	69	Resp:	50568
Ion	Ratio	Lower	Upper
69	100		
41	66.2	32.1	96.3
39	46.5	19.6	58.7

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



#52

1,3-Dichloropropane

Concen: 19.88 ug/l

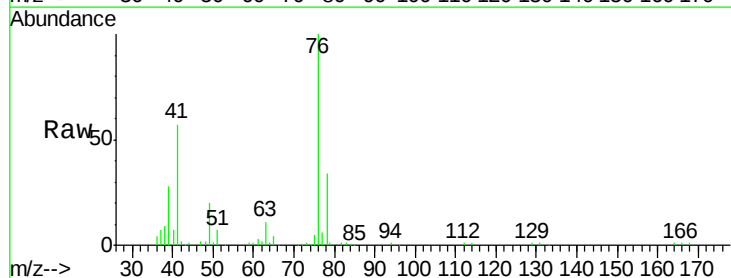
RT: 9.38 min Scan# 1442

Delta R.T. -0.01 min

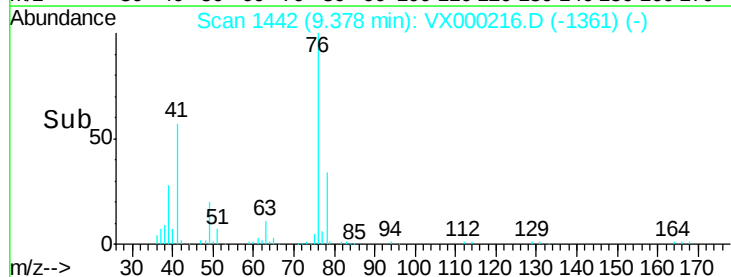
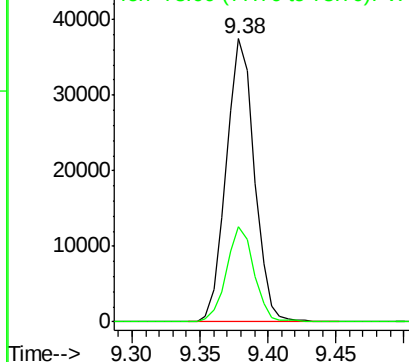
Lab File: VX000216.D

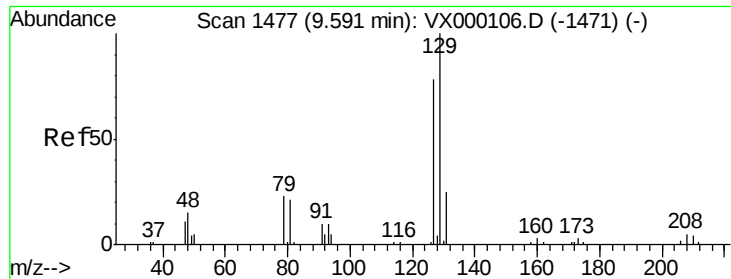
Acq: 08 Mar 2018 11:06

Tgt Ion:	76	Resp:	54012
Ion	Ratio	Lower	Upper
76	100		
78	32.7	0.0	65.0



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.17 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX000216.D

Acq: 08 Mar 2018 11:06

Instrument :

MSVOA_X

ClientSampled :

VX0308WBS01

Tot Ion:129 Resp: 34242

Ion Ratio Lower Upper

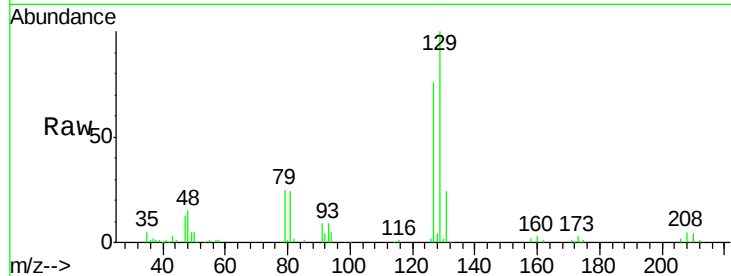
129 100

127 77.1 37.5 112.5

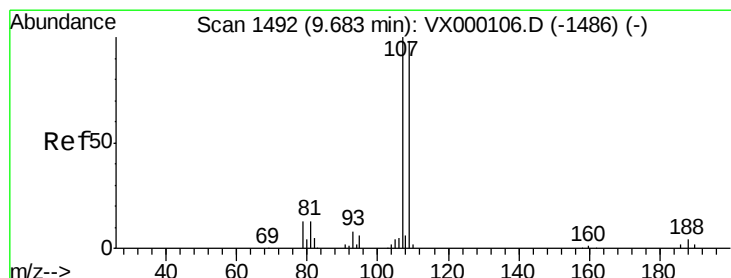
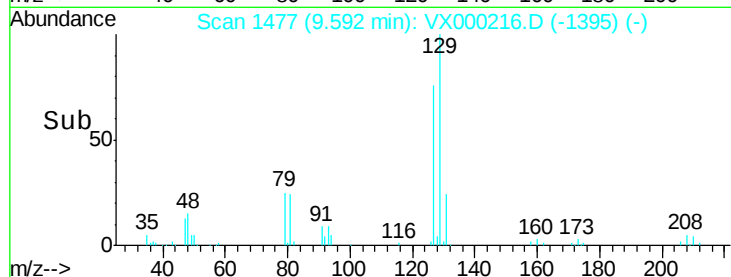
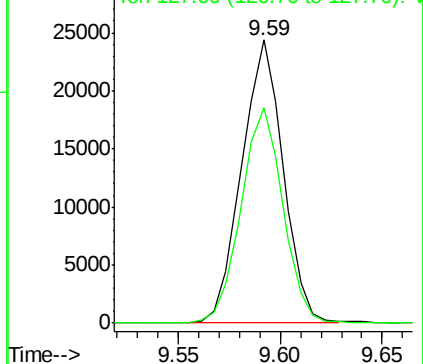
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Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 17.93 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.01 min

Lab File: VX000216.D

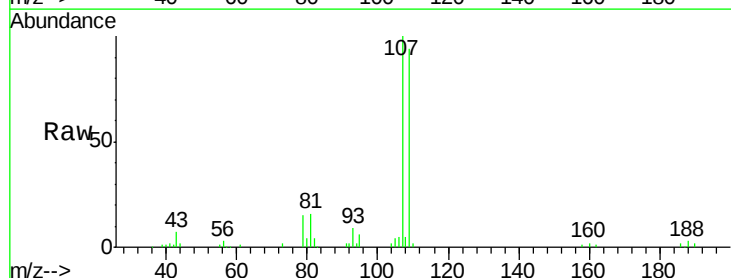
Acq: 08 Mar 2018 11:06

Tgt Ion:107 Resp: 33845

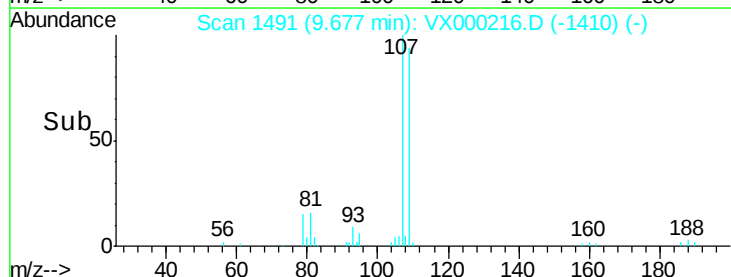
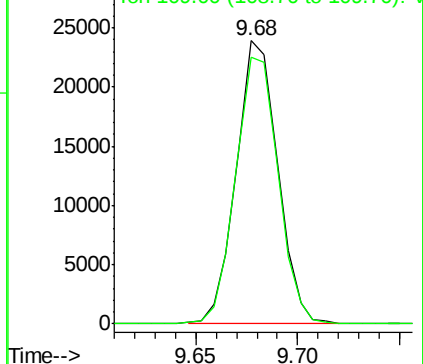
Ion Ratio Lower Upper

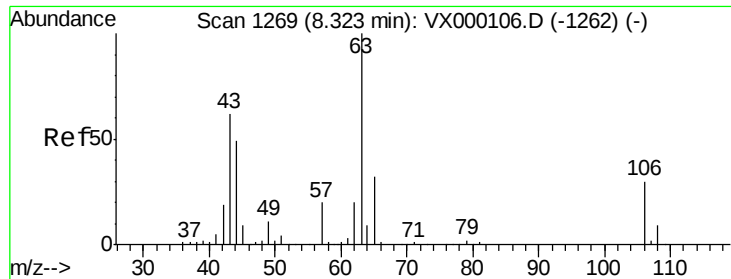
107 100

109 96.8 74.5 111.7



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V





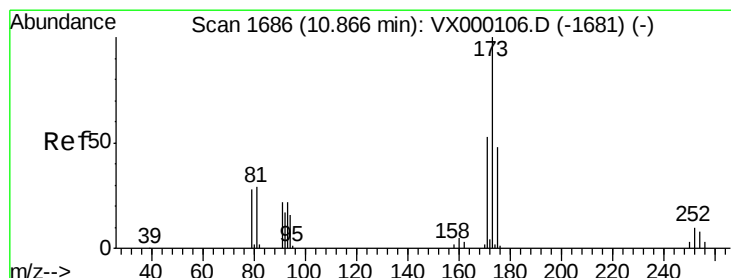
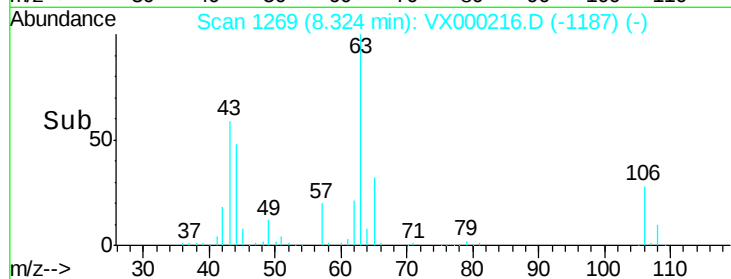
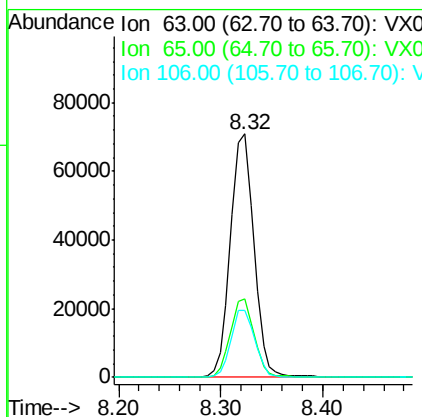
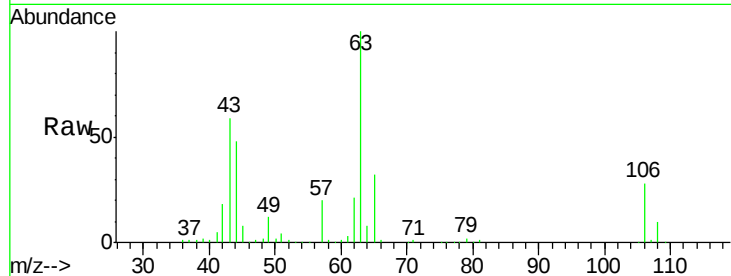
#55
2-Chloroethyl vinyl ether
Concen: 100.08 ug/l
RT: 8.32 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.8	38.8
106	27.9	23.8	35.6

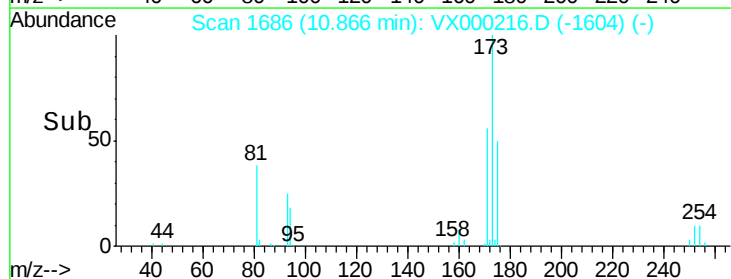
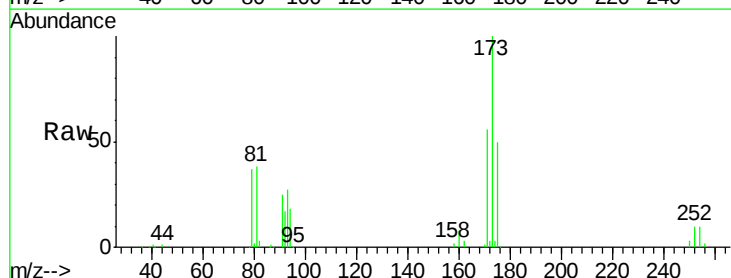
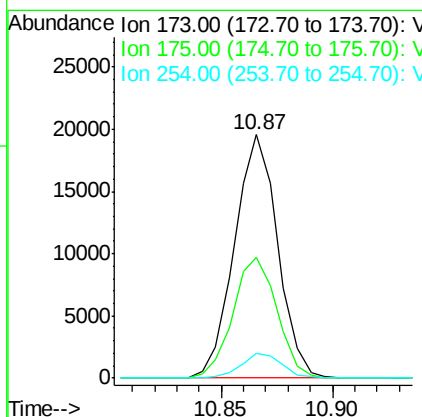
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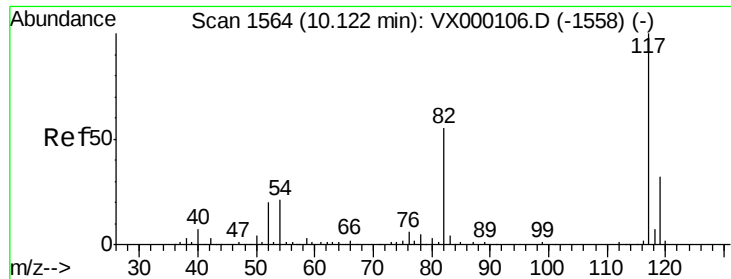
apatel
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#56
Bromoform
Concen: 17.34 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.3	39.0	58.4
254	9.6	7.0	10.4





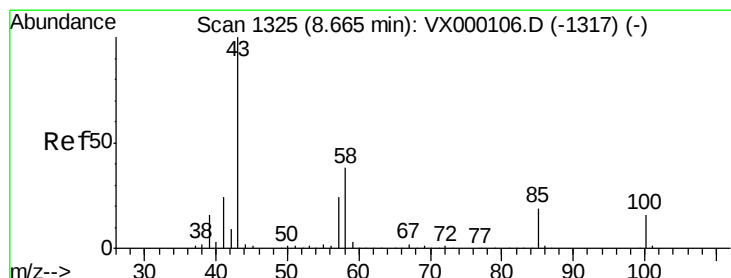
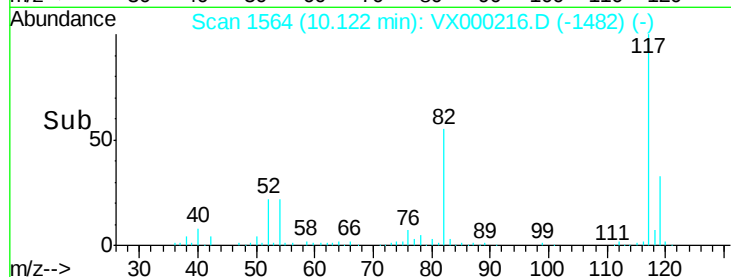
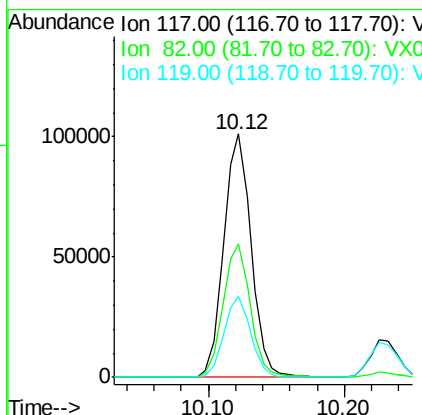
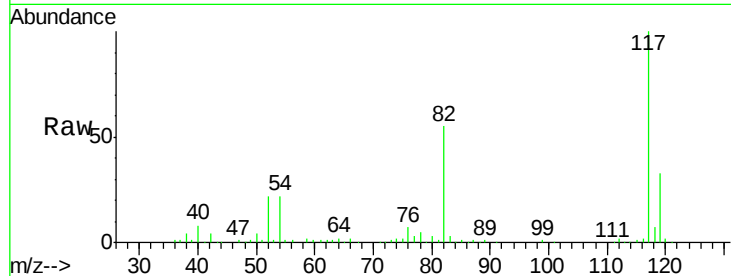
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Instrument :
MSVOA_X
ClientSampled :
VX0308WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.0	64.4
119	32.4	25.8	38.8

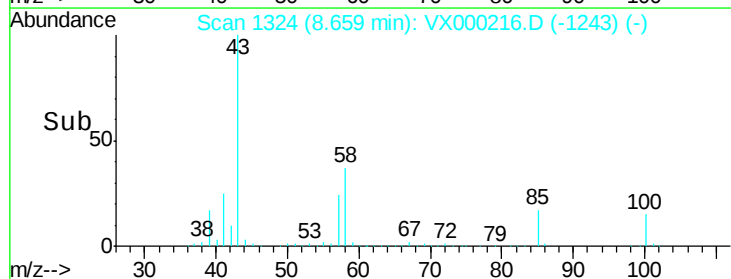
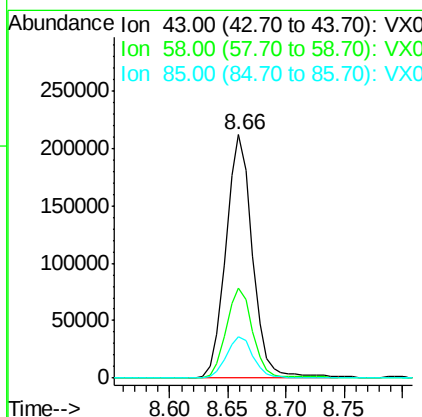
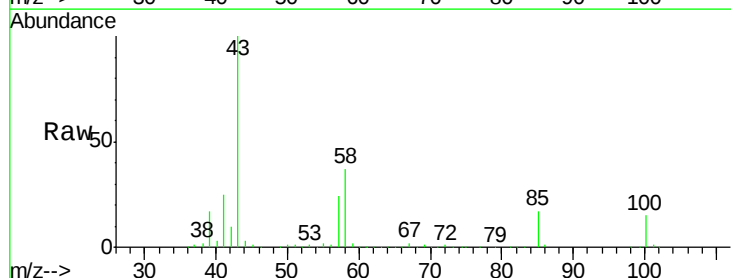
Manual Integrations
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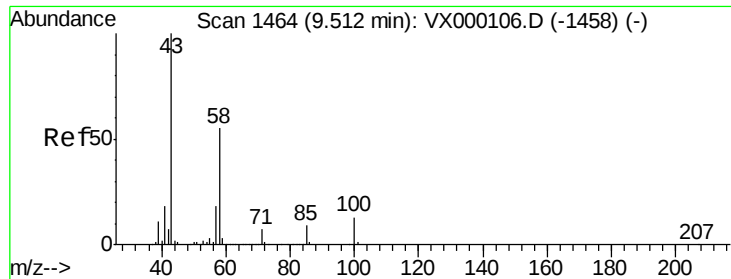
apatel
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#58
4-Methyl-2-Pentanone
Concen: 108.61 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.01 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.4	29.8	44.8
85	17.3	14.9	22.3





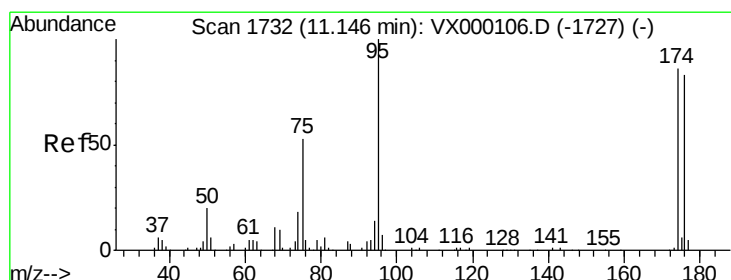
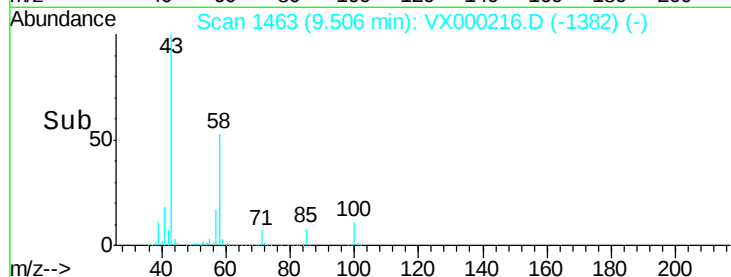
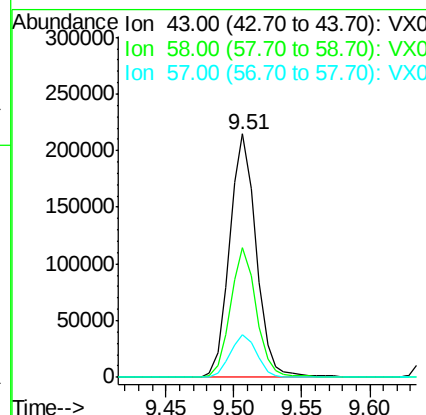
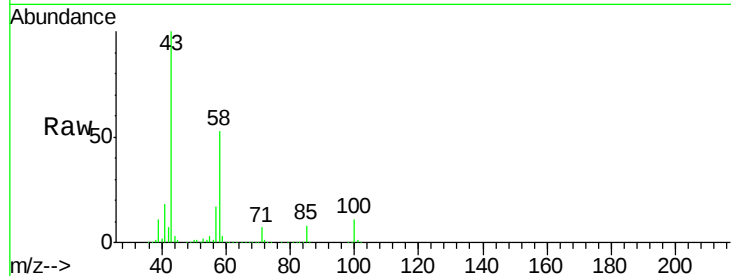
#59
2-Hexanone
Concen: 111.00 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.01 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Instrument :
MSVOA_X
ClientSampled :
VX0308WBS01

Tot Ion	Ratio	Resp	Lower	Upper
43	100	291584		
58	52.3		43.0	64.6
57	17.8		14.4	21.6

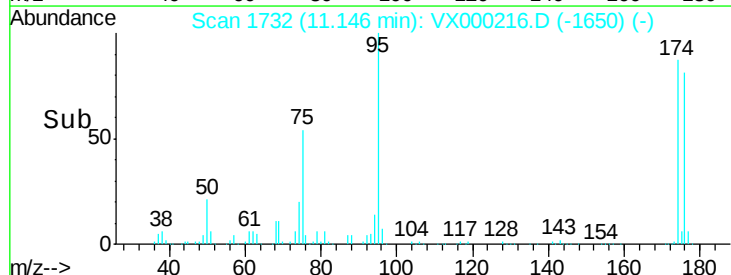
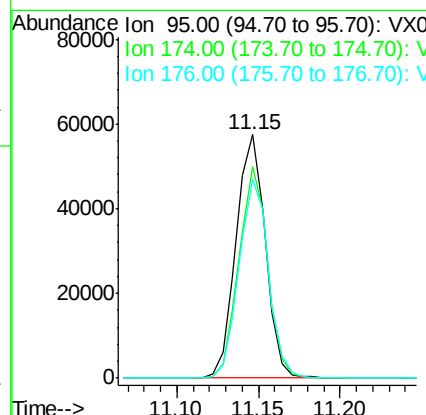
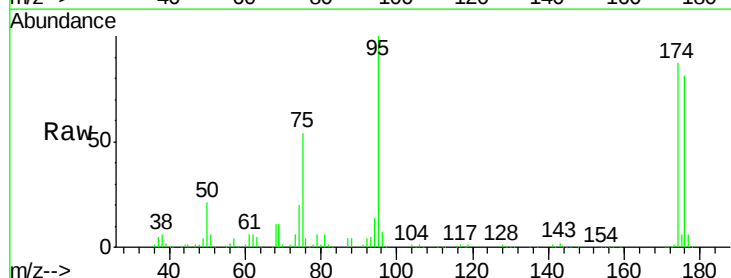
Manual Integrations
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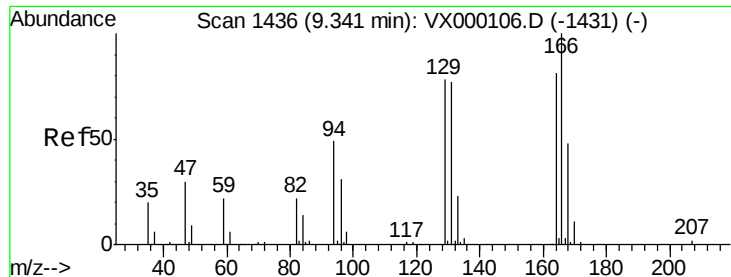
apatel
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#60
4-Bromofluorobenzene
Concen: 30.97 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	71769		
174	85.3		71.1	106.7
176	82.2		69.3	103.9





#61

Tetrachloroethene

Concen: 15.54 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX000216.D

Acq: 08 Mar 2018 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS01

Tot Ion:164 Resp: 26730

Ion Ratio Lower Upper

164 100

166 130.3 99.0 148.4

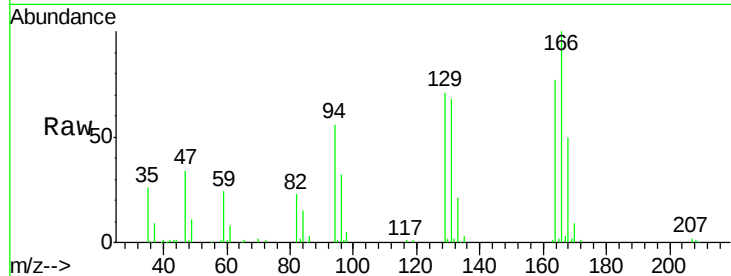
129 92.2 77.0 115.6

131 87.5 75.8 113.6

Manual Integrations
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apatel

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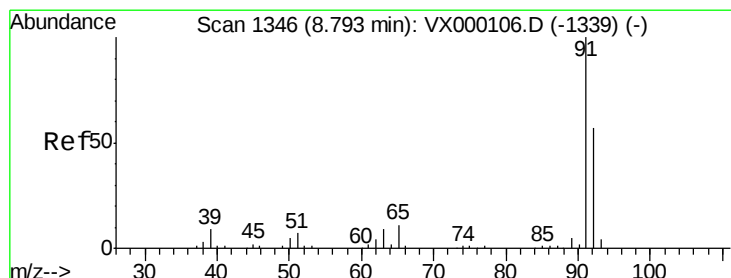
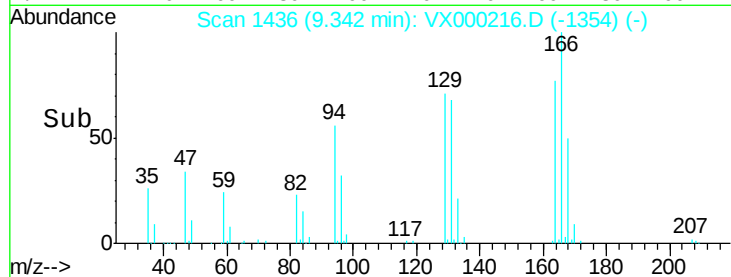
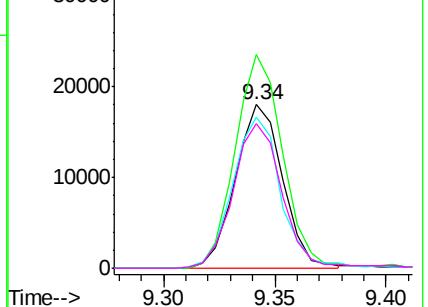


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 16.85 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000216.D

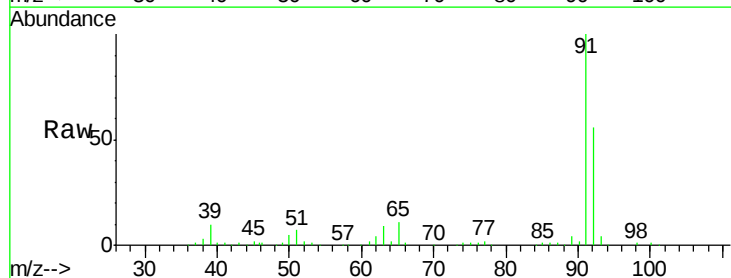
Acq: 08 Mar 2018 11:06

Tgt Ion: 91 Resp: 124190

Ion Ratio Lower Upper

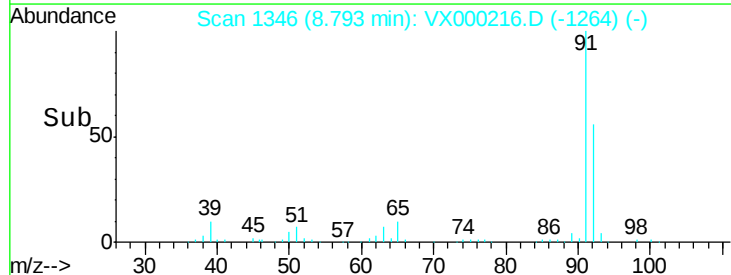
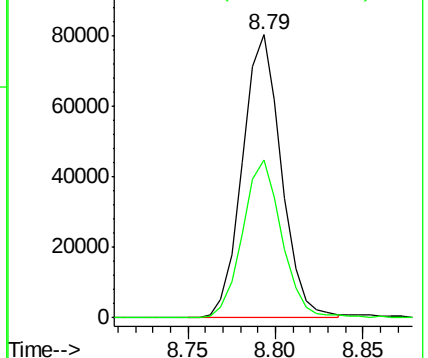
91 100

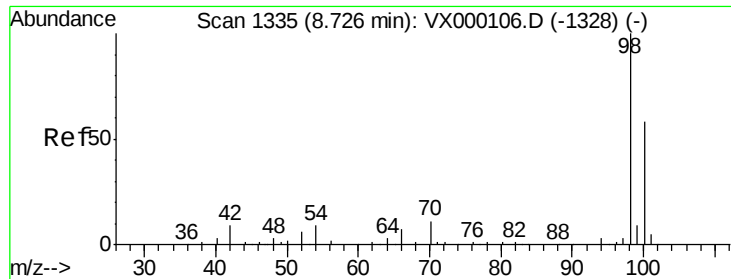
92 56.7 45.4 68.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





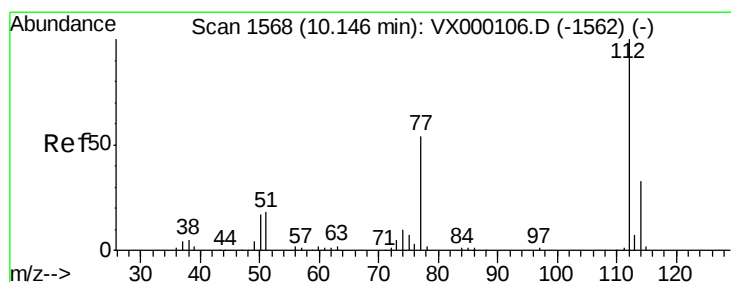
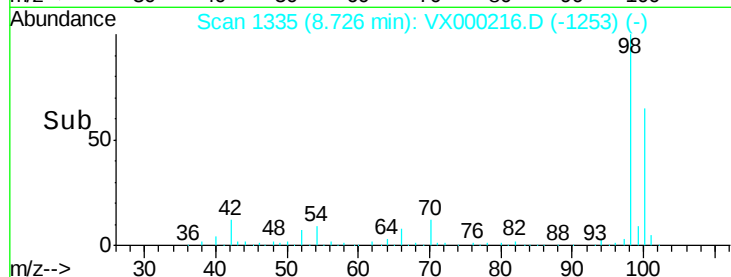
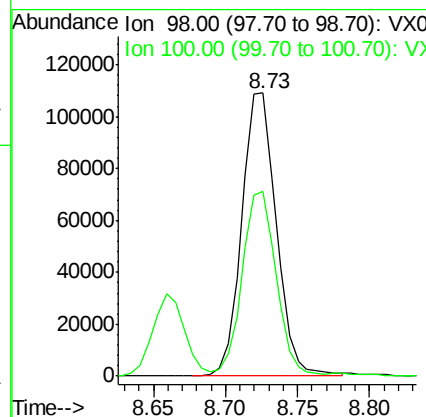
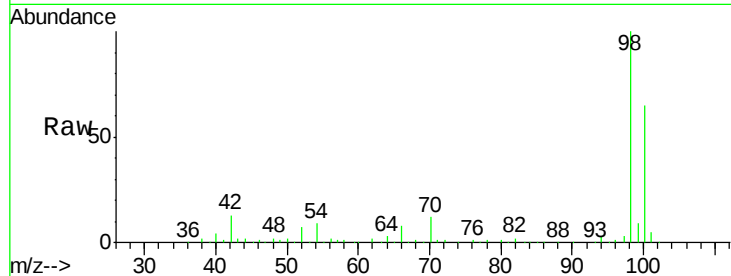
#63
Toluene-d8
Concen: 29.96 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

Tot Ion: 98 Resp: 181740
Ion Ratio Lower Upper
98 100
100 64.5 50.0 75.0

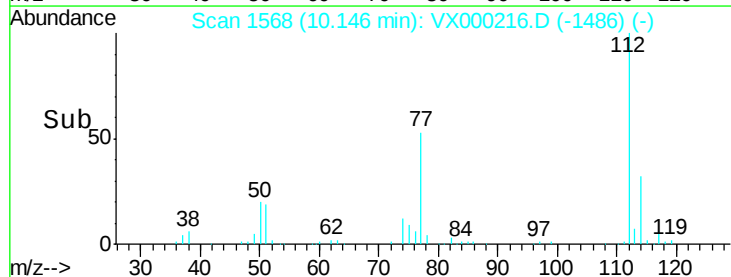
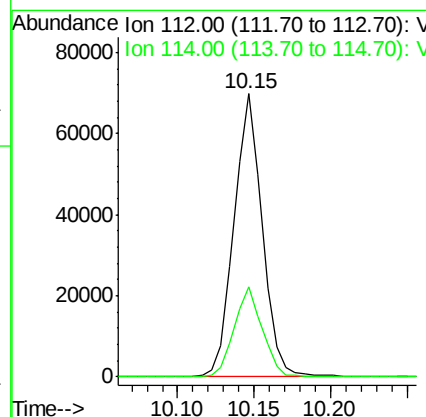
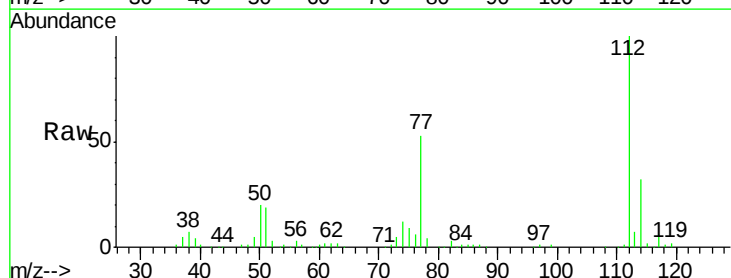
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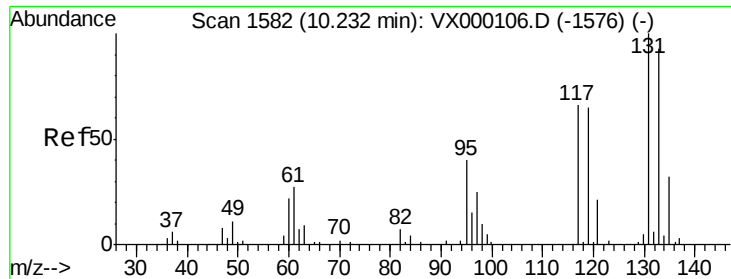
apatel
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#64
Chlorobenzene
Concen: 17.98 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Tgt Ion: 112 Resp: 89548
Ion Ratio Lower Upper
112 100
114 32.1 26.4 39.6





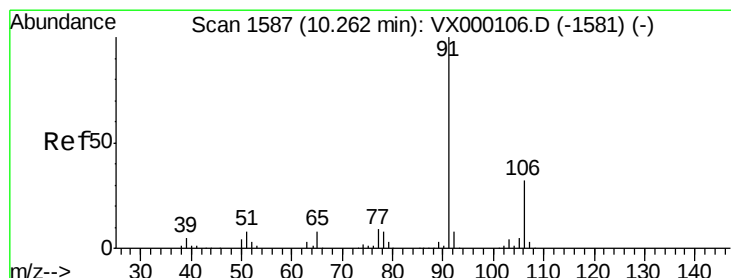
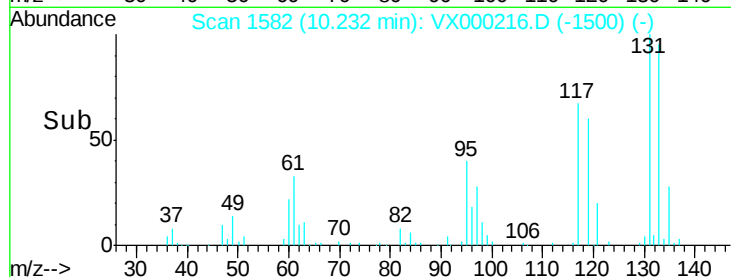
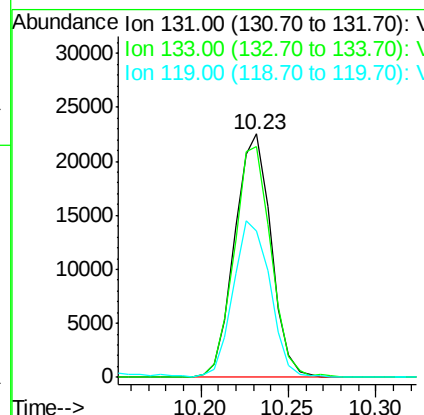
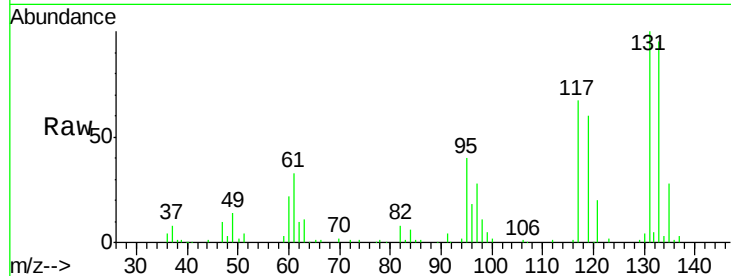
#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.43 ug/l
 RT: 10.23 min Scan# 1582
 Delta R.T. 0.00 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS01

Tot Ion	Ratio	Resp	Lower	Upper
131	100	32505		
133	96.4	0.0	187.6	
119	65.5	0.0	134.0	

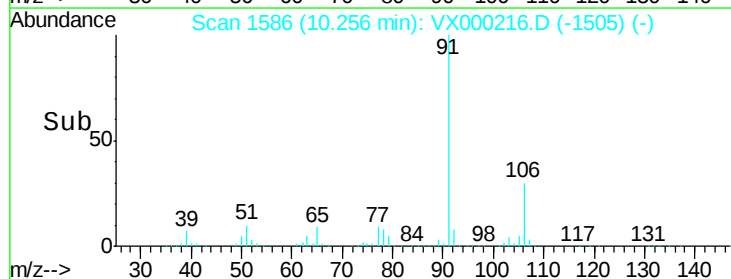
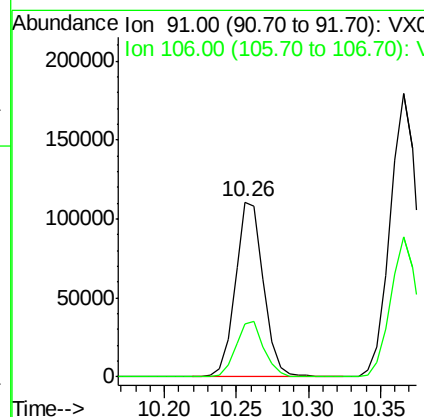
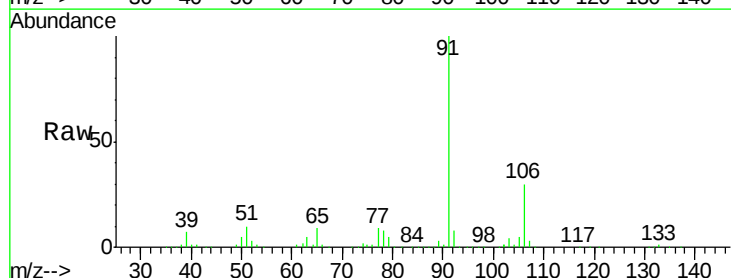
Manual Integrations
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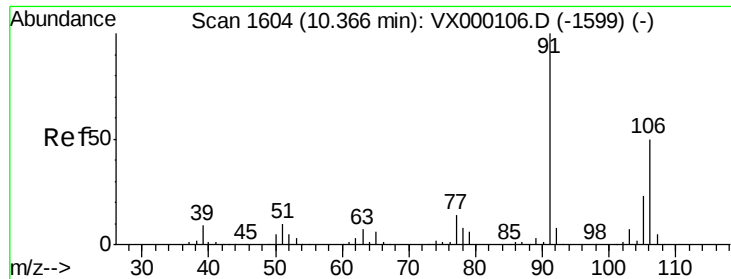
apatel
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#66
 Ethyl Benzene
 Concen: 18.05 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	151823		
106	30.1	25.9	38.9	





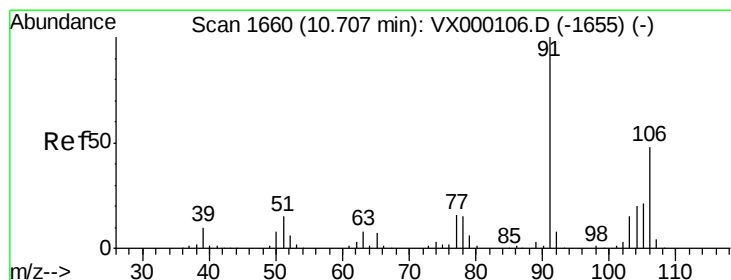
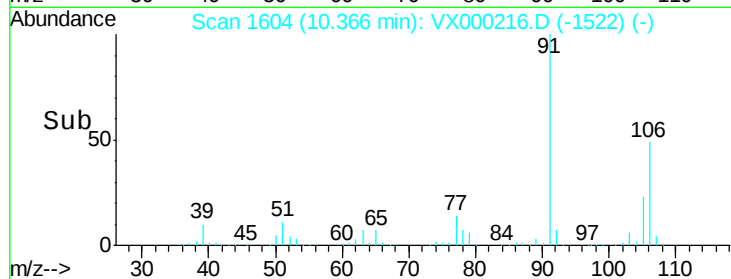
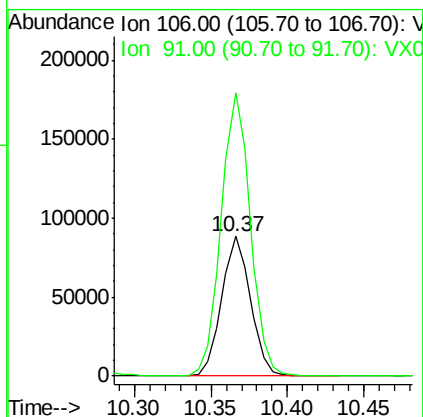
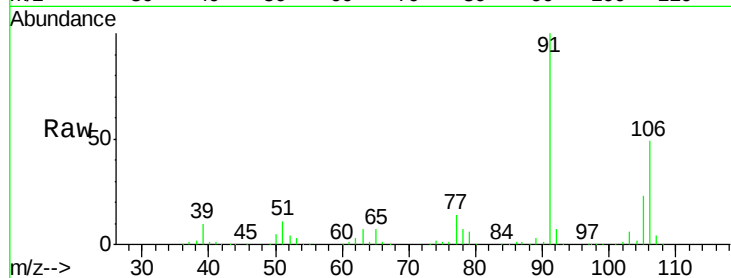
#67
m/p-Xvlenes
Concen: 35.03 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Instrument :
MSVOA_X
ClientSampled :
VX0308WBS01

Tot Ion:106 Resp: 115519
Ion Ratio Lower Upper
106 100
91 206.3 161.6 242.4

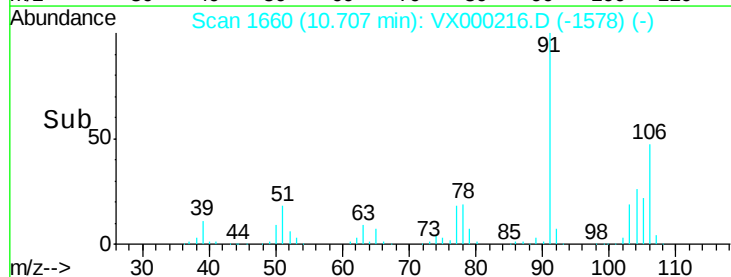
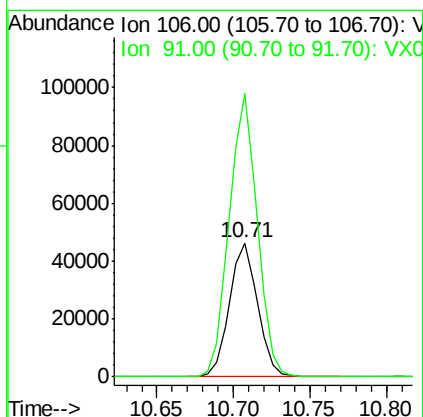
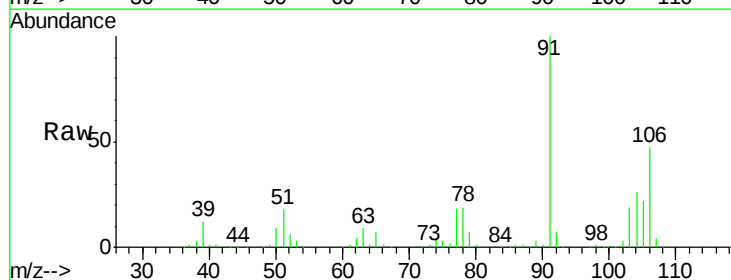
Manual Integrations
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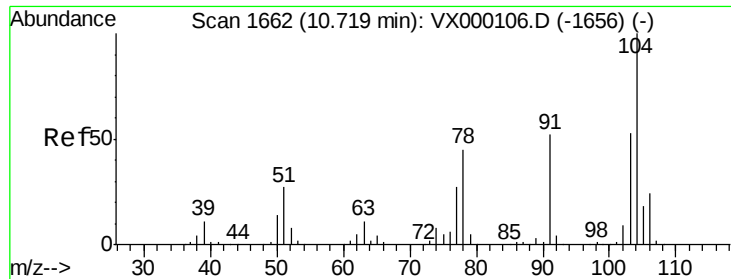
apatel
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#68
o-Xylene
Concen: 18.46 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Tgt Ion:106 Resp: 59134
Ion Ratio Lower Upper
106 100
91 210.7 105.6 316.8





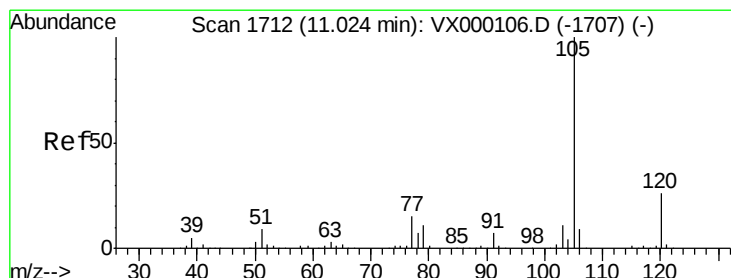
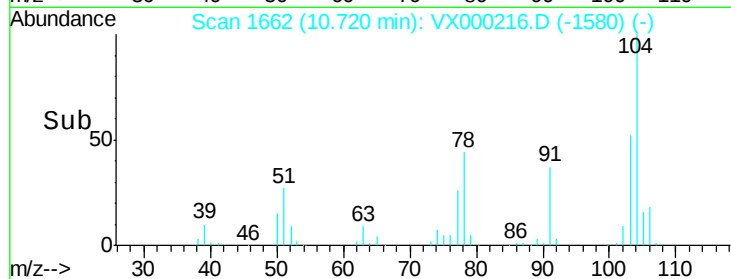
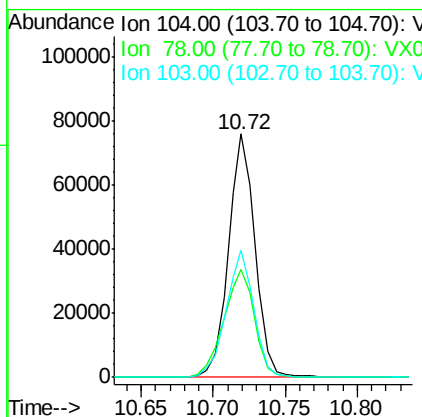
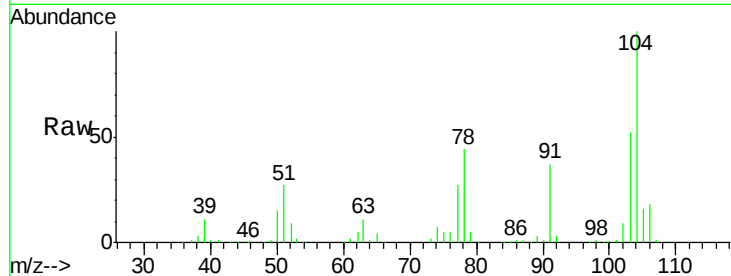
#69
Stvrene
Concen: 18.53 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Instrument :
MSVOA_X
ClientSampled :
VX0308WBS01

Tot Ion	Ratio	Lower	Upper
104	100		
78	51.0	39.0	58.4
103	54.8	44.7	67.1

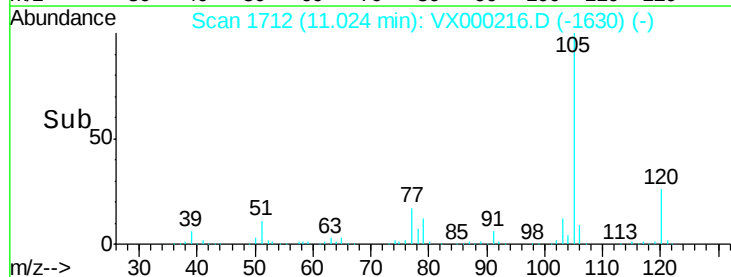
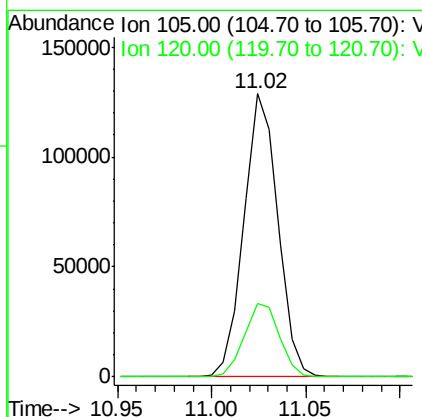
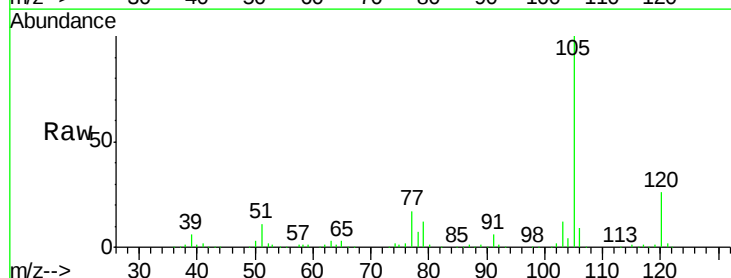
Manual Integrations
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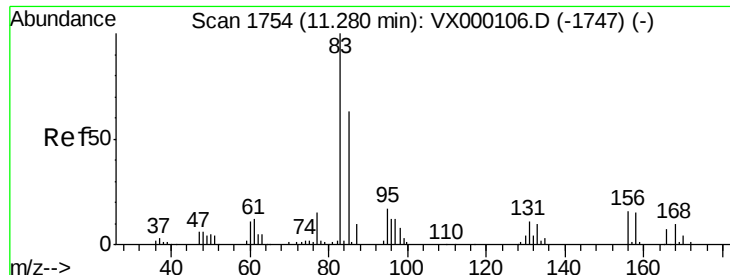
apatel
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#70
Isopropylbenzene
Concen: 18.65 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.1	18.8	35.0





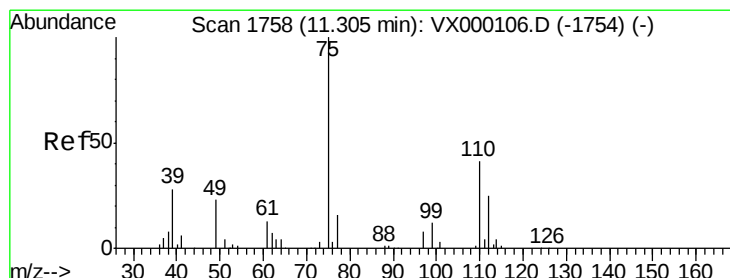
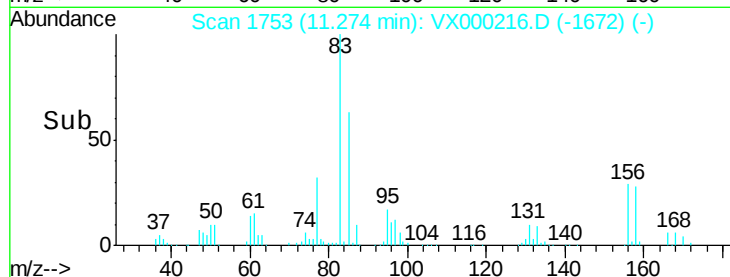
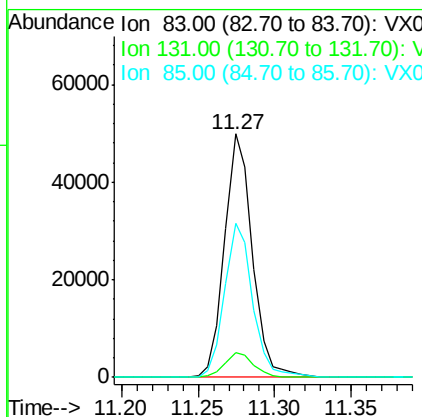
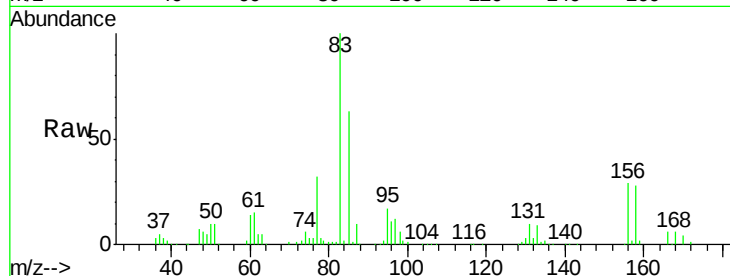
#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.13 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

Instrument :
 MSVOA_X
 ClientSampled :
 VX0308WBS01

Tot Ion	83	Resp	62933
Ion Ratio	100	Lower	Upper
83	100		
131	10.5	5.3	16.1
85	64.1	32.5	97.5

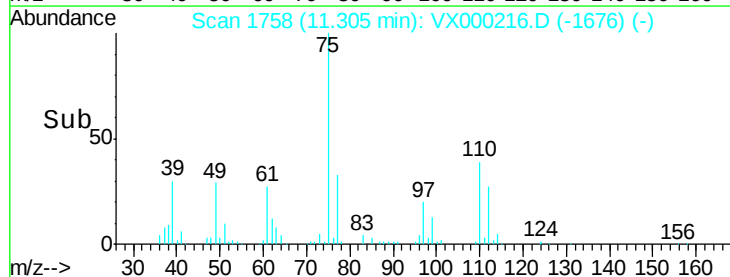
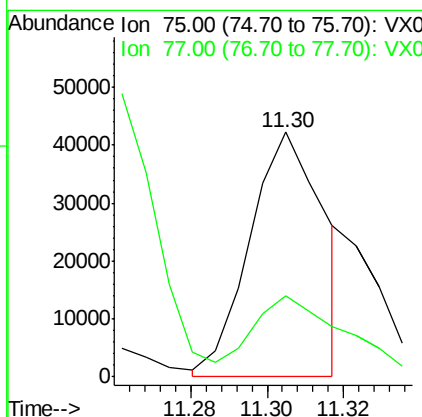
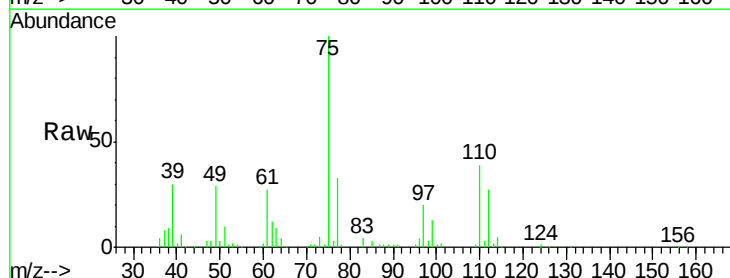
Manual Integrations
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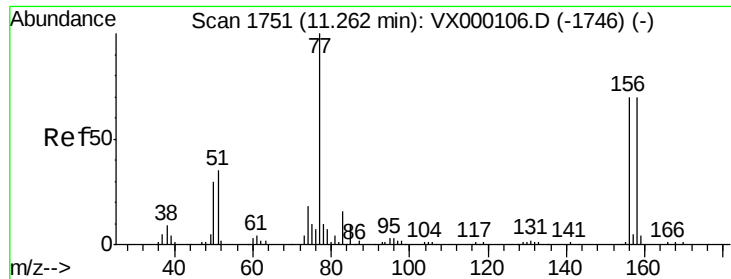
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#72
 1,2,3-Trichloropropane
 Concen: 21.26 ug/l m
 RT: 11.30 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

Tgt Ion	75	Resp	56801
Ion Ratio	100	Lower	Upper
75	100		
77	41.8	0.0	85.8





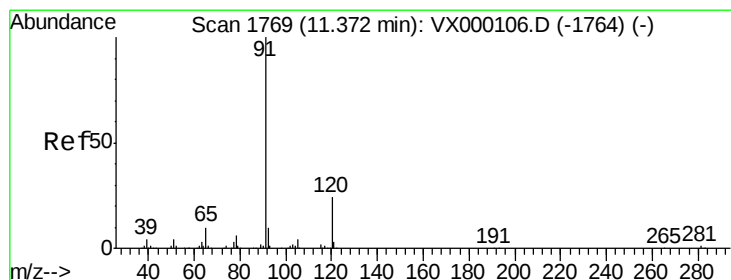
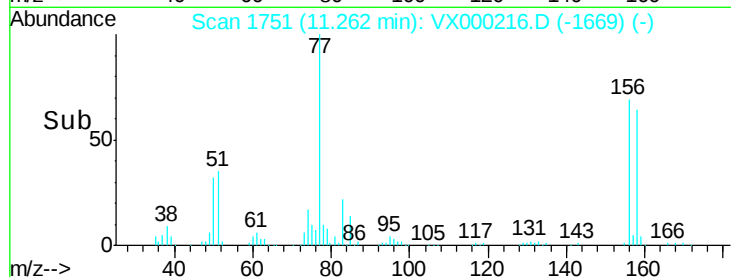
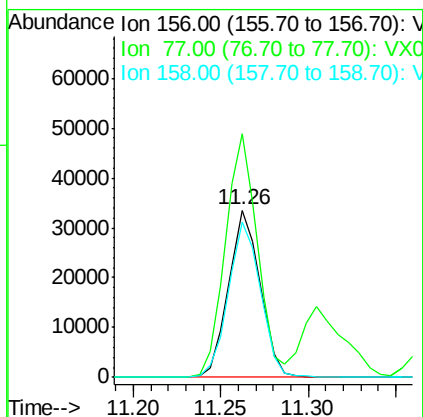
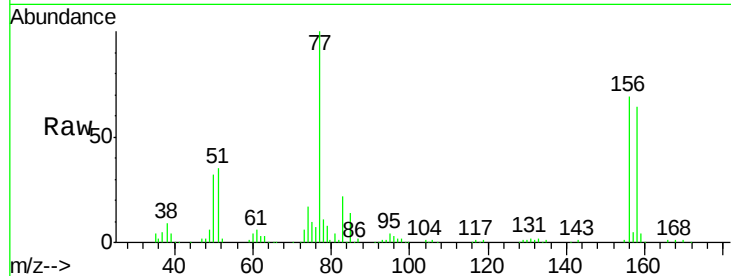
#73
Bromobenzene
Concen: 18.62 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Instrument :
MSVOA_X
ClientSampled :
VX0308WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	147.2	0.0	280.2
158	94.9	0.0	197.2

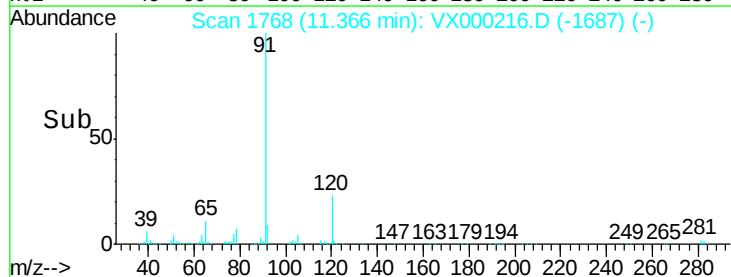
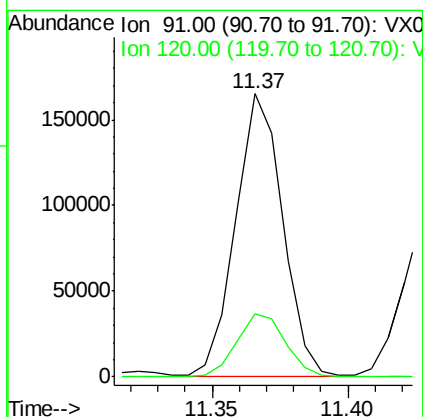
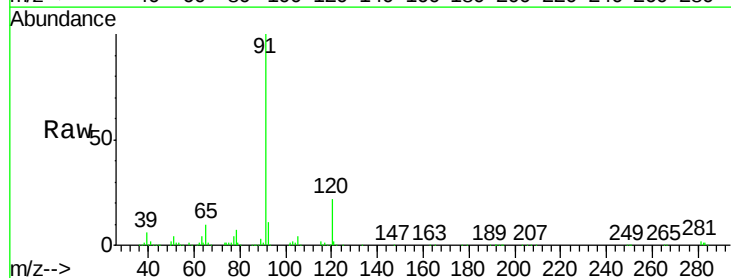
Manual Integrations
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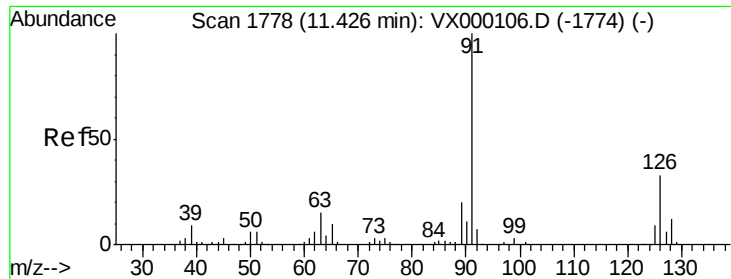
apatel
3/9/2018 9:38:11 AM



#74
n-propylbenzene
Concen: 19.54 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.01 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.0	0.0	47.4





#75

2-Chlorotoluene

Concen: 19.15 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000216.D

Acq: 08 Mar 2018 11:06

Instrument :

MSVOA_X

ClientSampled :

VX0308WBS01

Tot Ion: 91 Resp: 111747

Ion Ratio Lower Upper

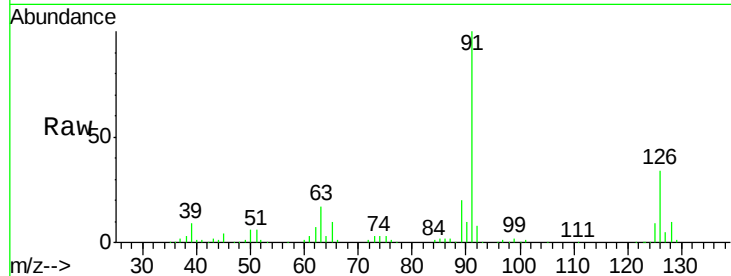
91 100

126 35.3 0.0 71.4

Manual Integrations
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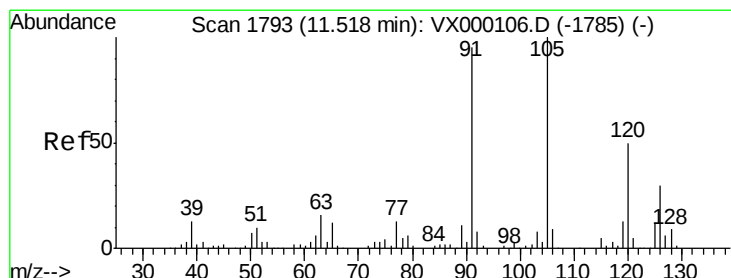
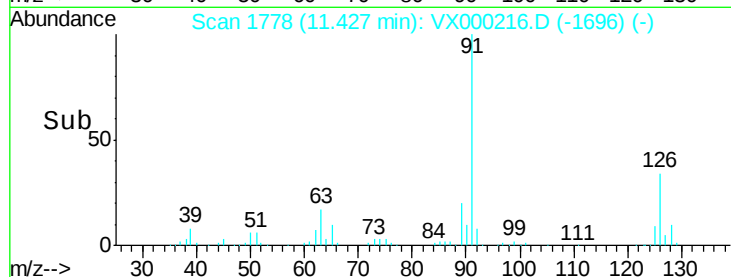
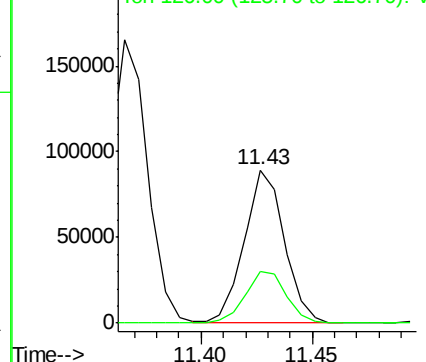
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 19.04 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000216.D

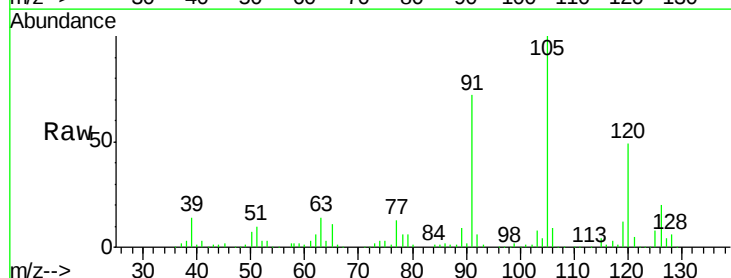
Acq: 08 Mar 2018 11:06

Tgt Ion: 105 Resp: 139673

Ion Ratio Lower Upper

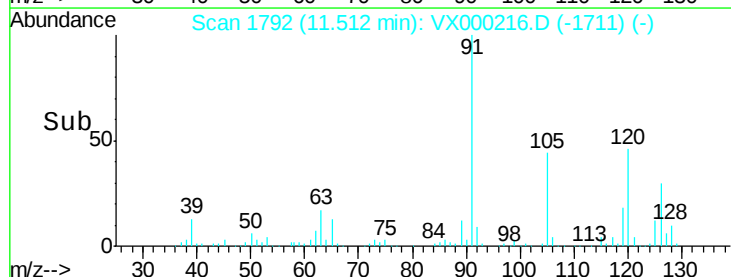
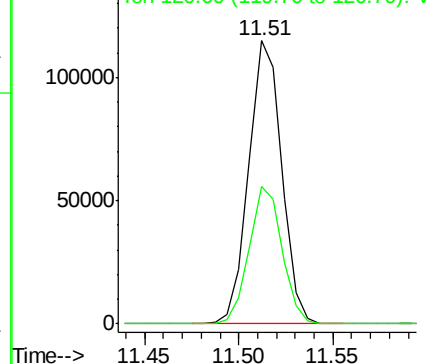
105 100

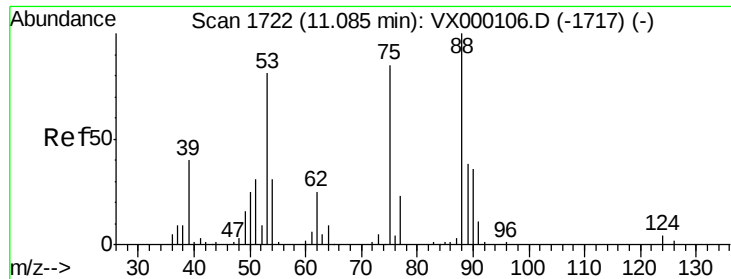
120 48.7 0.0 63.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





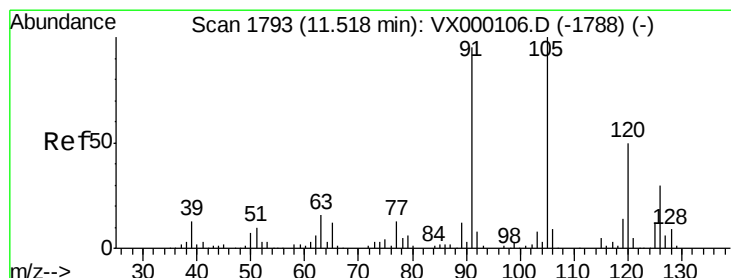
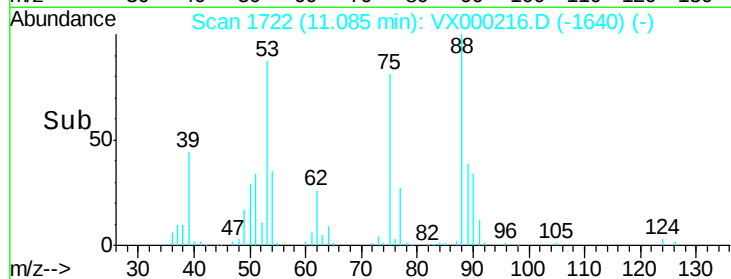
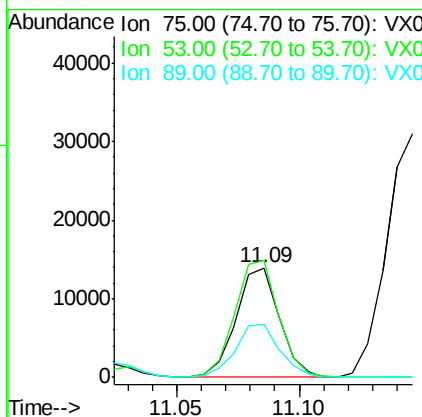
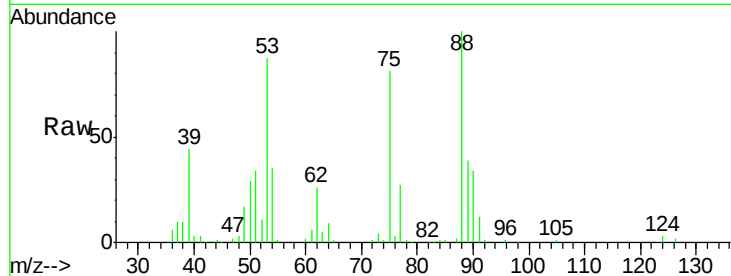
#77
t-1,4-Dichloro-2-butene
Concen: 18.17 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Instrument :
MSVOA_X
ClientSampled :
VX0308WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.9	47.8	143.3
89	48.5	22.3	66.8

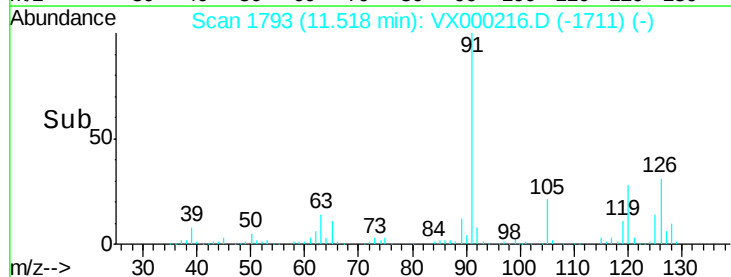
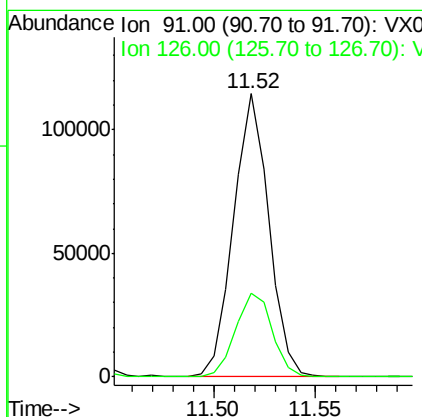
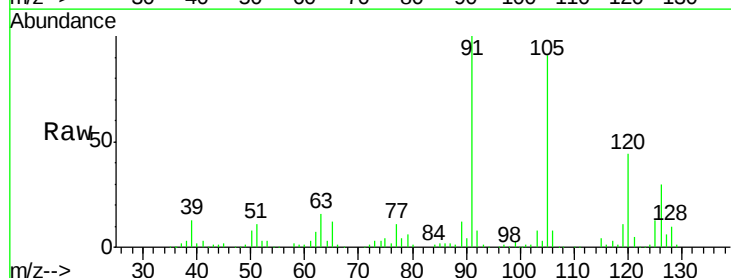
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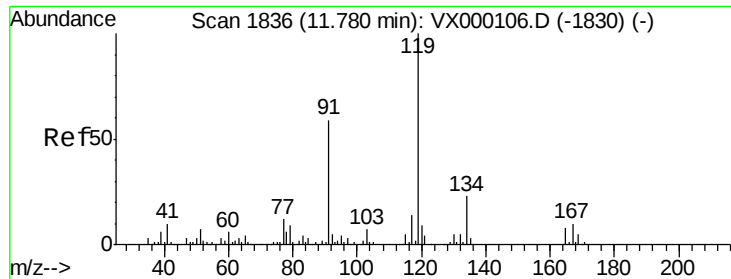
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#78
4-Chlorotoluene
Concen: 19.51 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	0.0	63.4





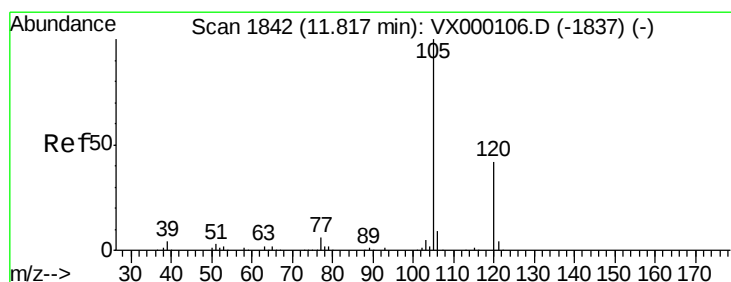
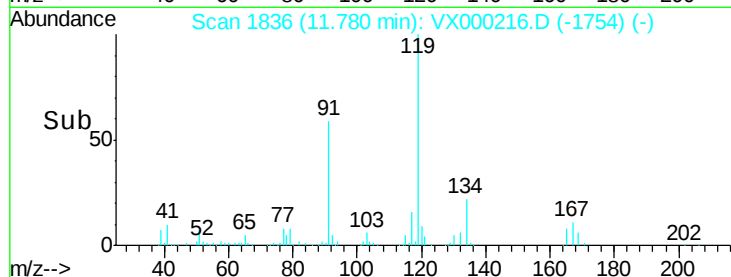
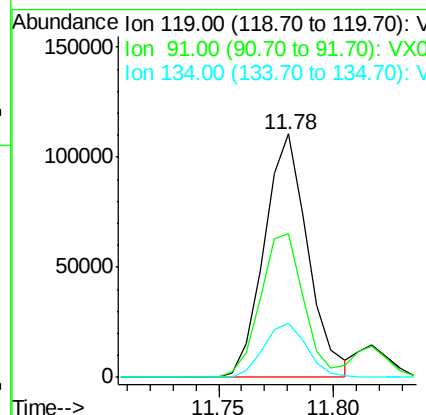
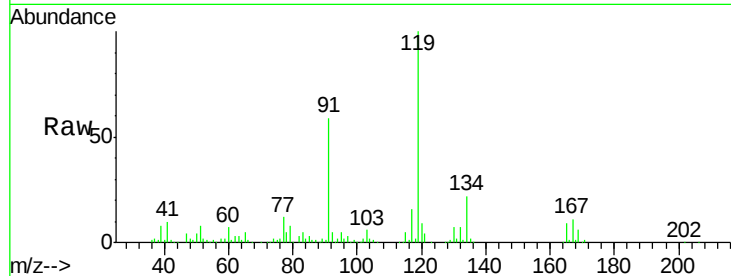
#79
tert-butylbenzene
Concen: 19.85 ug/l m
RT: 11.78 min Scan# 1836
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Instrument :
MSVOA_X
ClientSampled :
VX0308WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	144949		
91	27.1	0.0	51.6	
134	29.2	0.0	60.2	

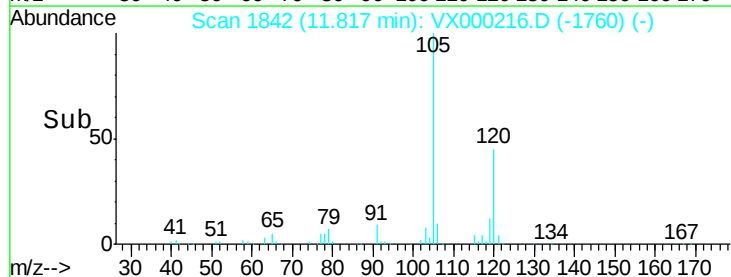
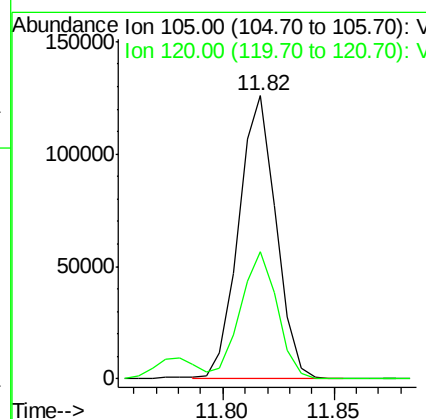
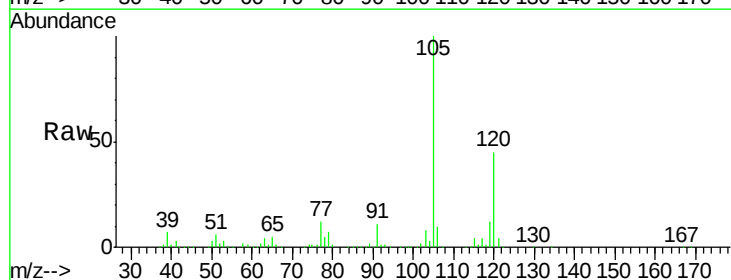
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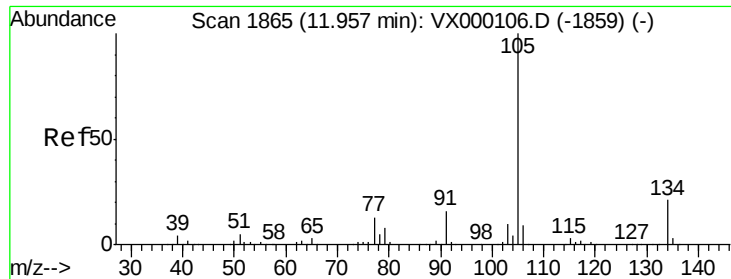
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#80
1,2,4-Trimethylbenzene
Concen: 19.70 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	147460		
120	44.0	0.0	93.0	





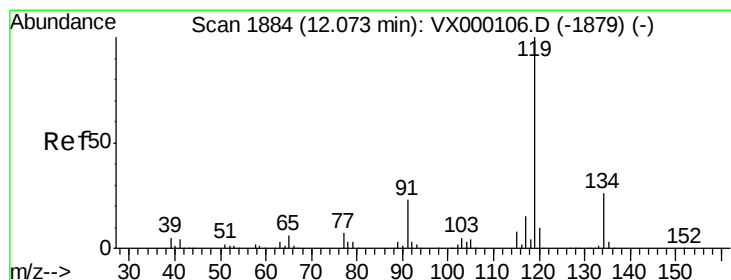
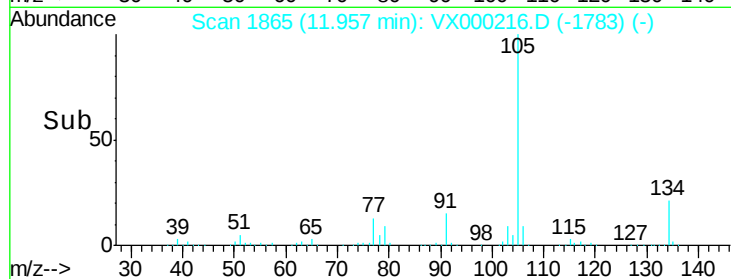
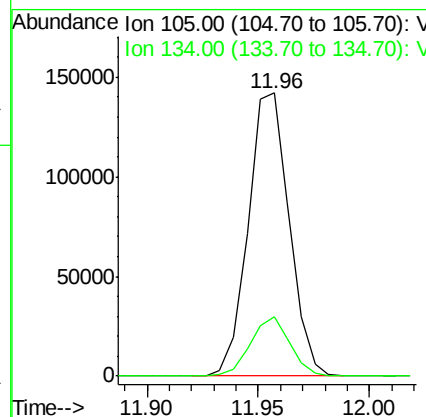
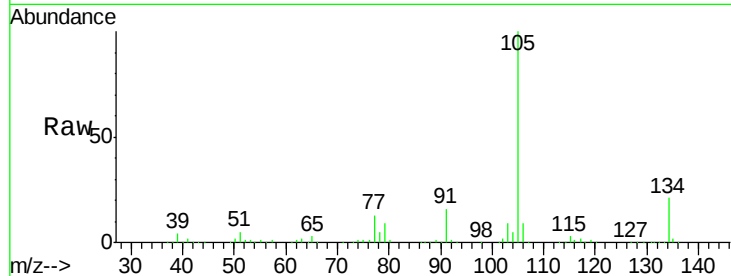
#81
 sec-Butylbenzene
 Concen: 20.19 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.2	0.0	41.8

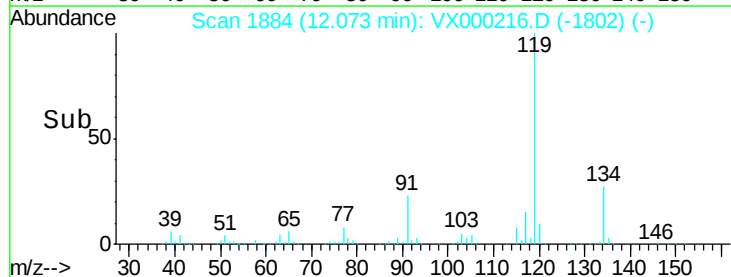
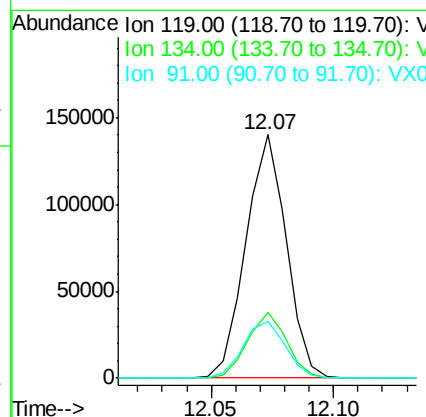
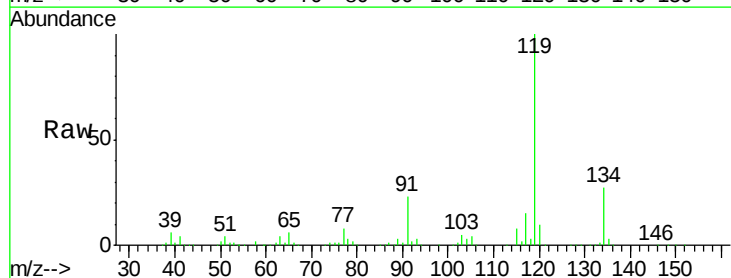
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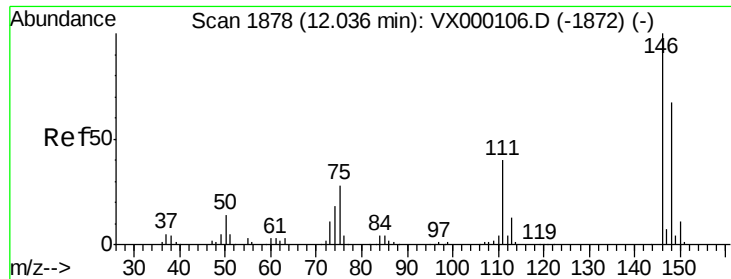
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#82
 p-Isopropyltoluene
 Concen: 19.99 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	0.0	54.4
91	24.4	0.0	46.6





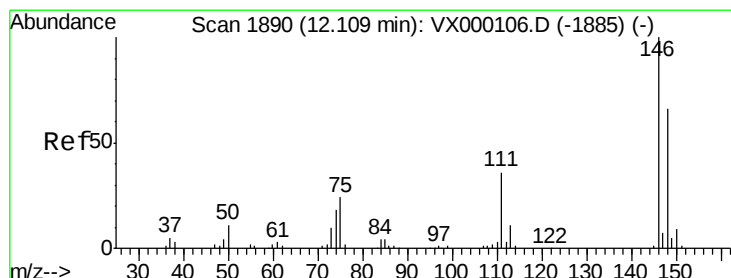
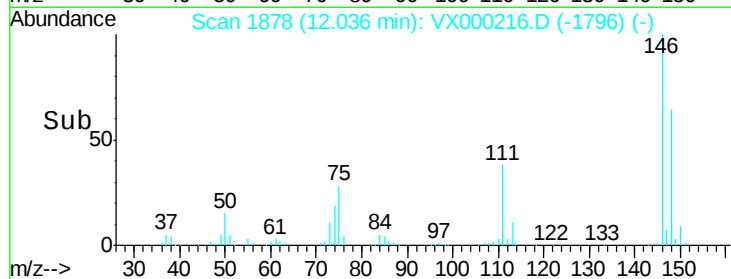
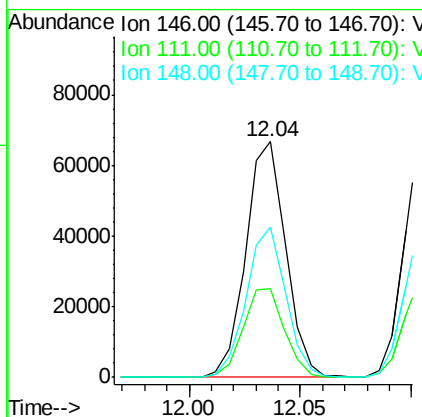
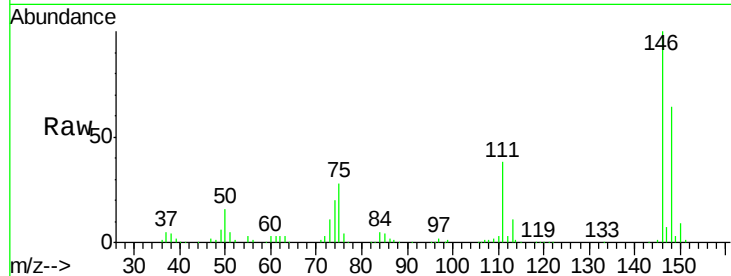
#83
 1,3-Dichlorobenzene
 Concen: 19.33 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

Instrument :
 MSVOA_X
 ClientSampled :
 VX0308WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.4	58.2
148	63.1	32.6	97.7

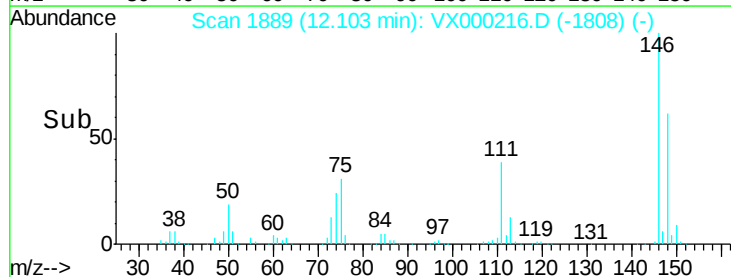
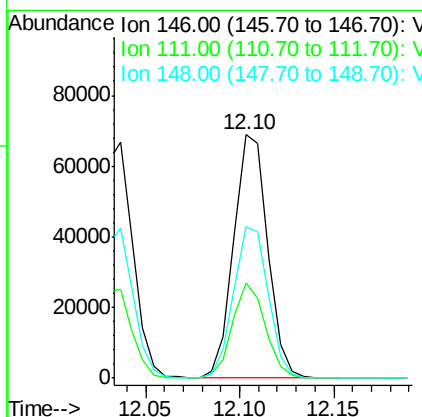
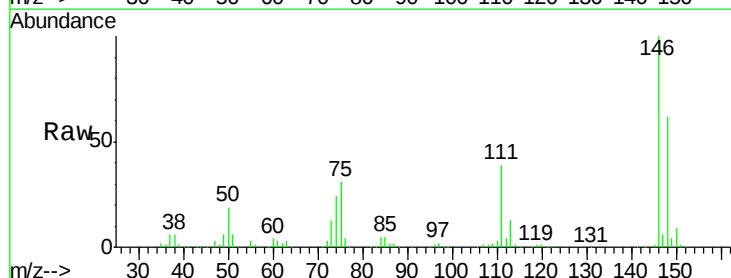
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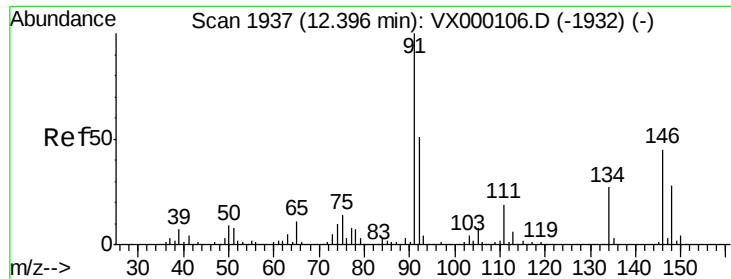
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#84
 1,4-Dichlorobenzene
 Concen: 19.20 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.4	55.0
148	63.4	31.9	95.7





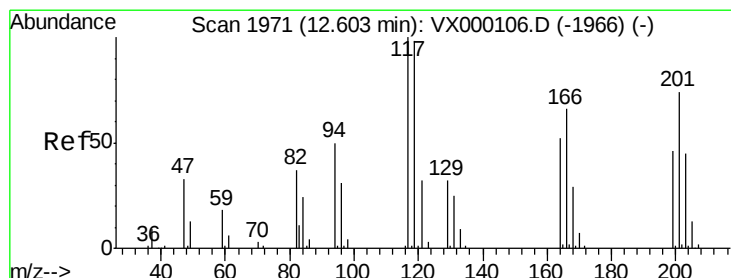
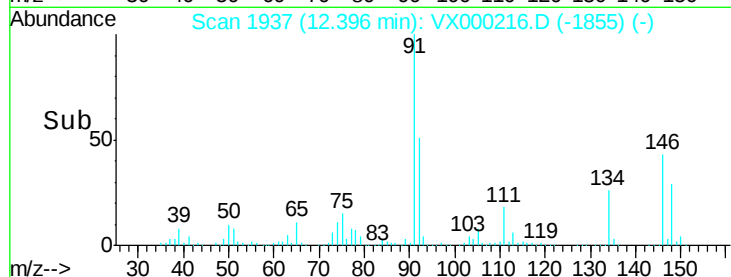
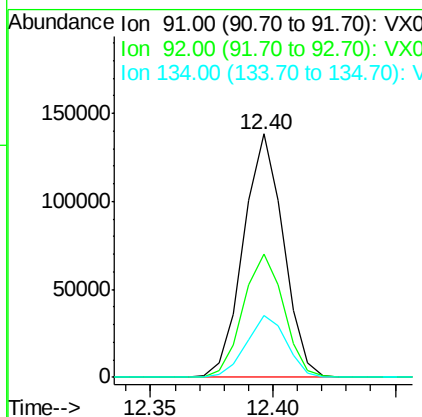
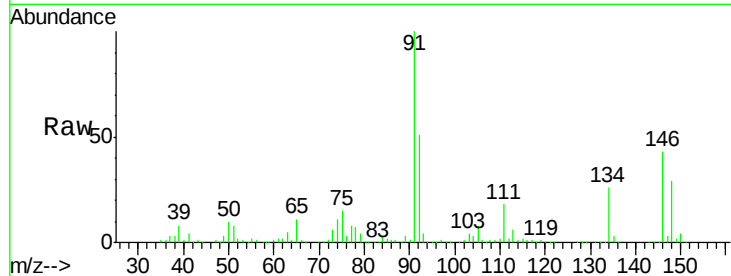
#85
n-Butylbenzene
Concen: 20.87 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Instrument :
MSVOA_X
ClientSampled :
VX0308WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	157659		
92	51.5	0.0	102.0	
134	25.8	0.0	54.2	

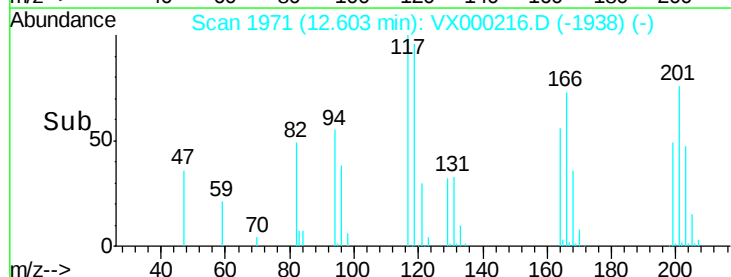
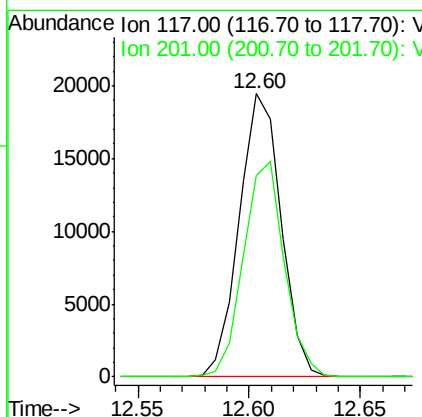
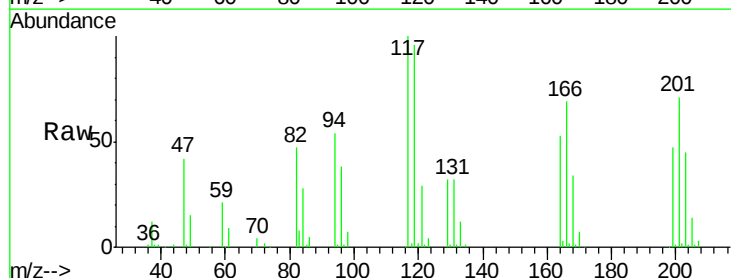
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#86
Hexachloroethane
Concen: 19.02 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000216.D
Acq: 08 Mar 2018 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	25586		
201	74.3	38.9	116.6	





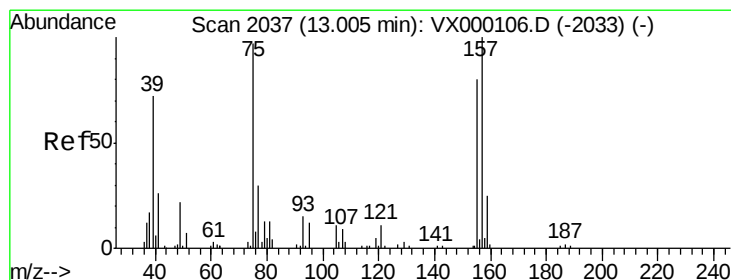
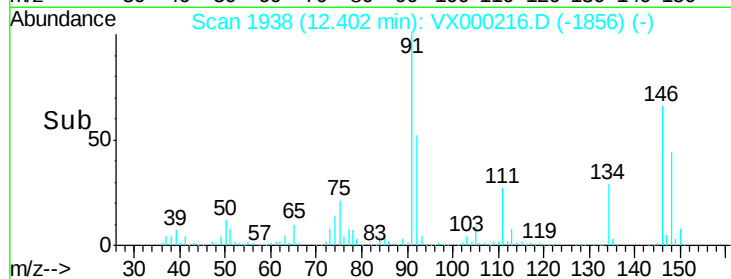
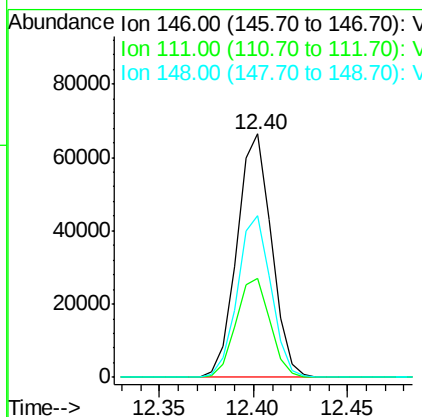
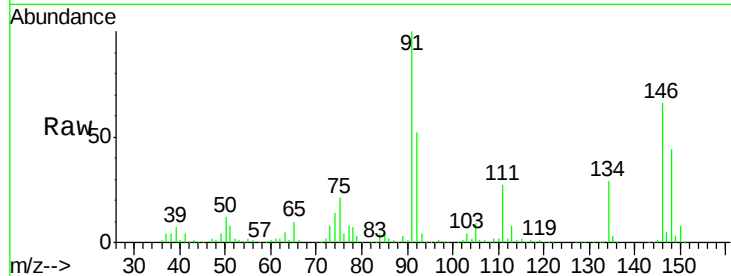
#87
 1,2-Dichlorobenzene
 Concen: 19.68 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

Instrument :
 MSVOA_X
 ClientSampled :
 VX0308WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.0	60.0
148	64.6	31.6	95.0

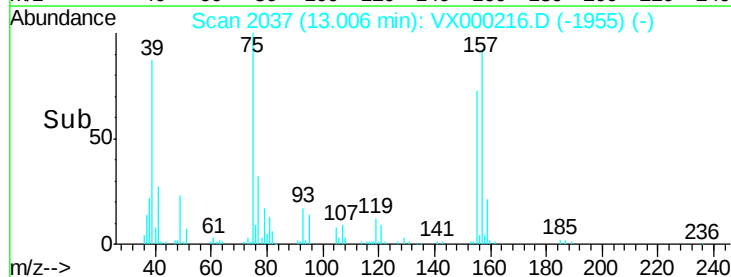
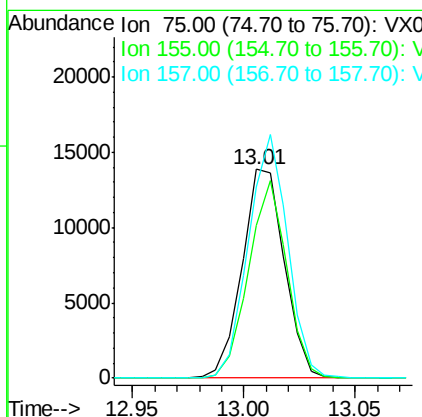
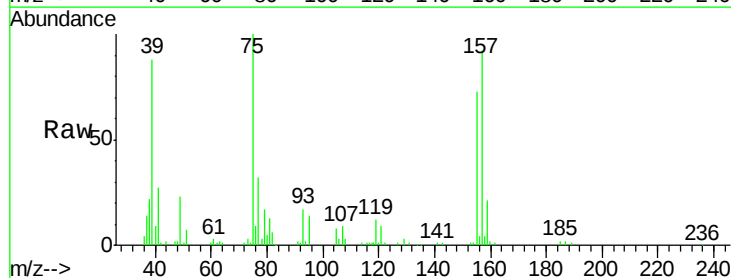
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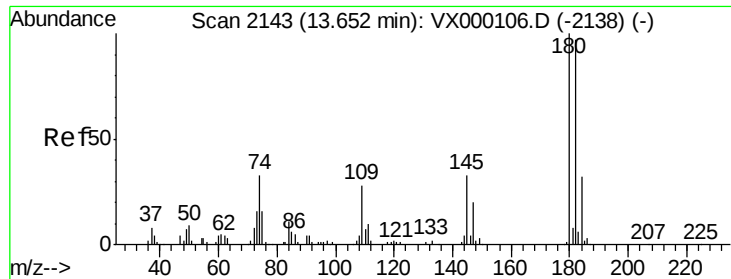
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 22.12 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.2	75.1	112.7
157	108.0	99.0	148.4





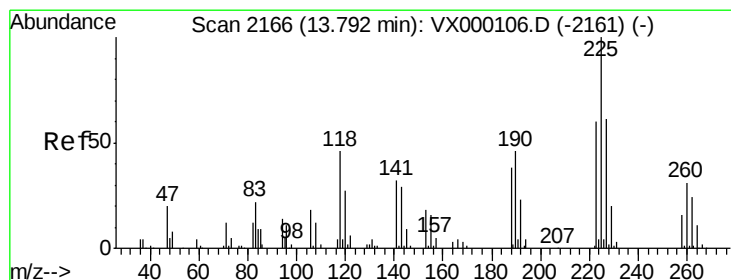
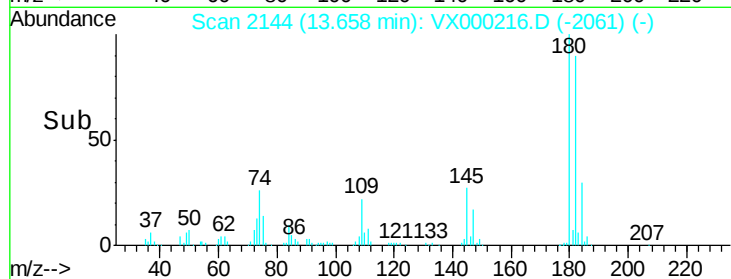
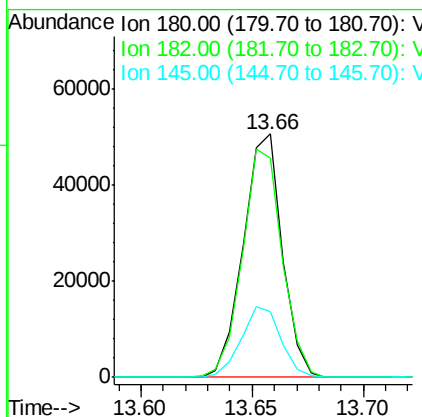
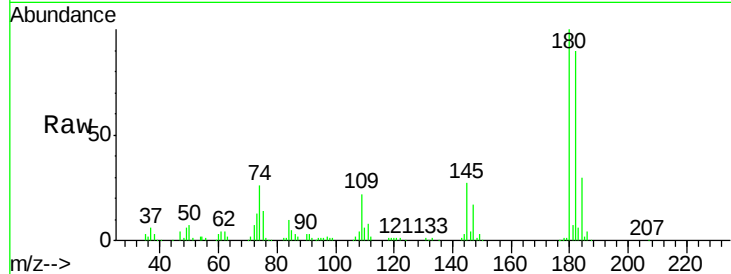
#89
 1,2,4-Trichlorobenzene
 Concen: 19.63 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. 0.01 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

Instrument :
 MSVOA_X
 ClientSampled :
 VX0308WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.3	114.5
145	29.5	24.6	37.0

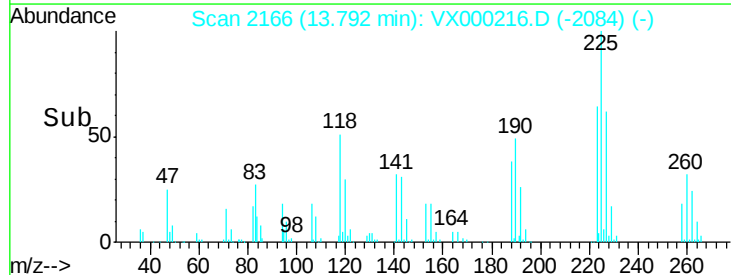
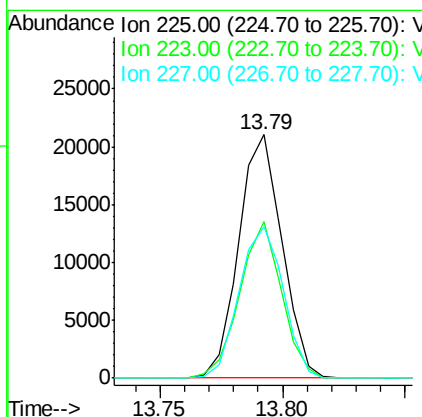
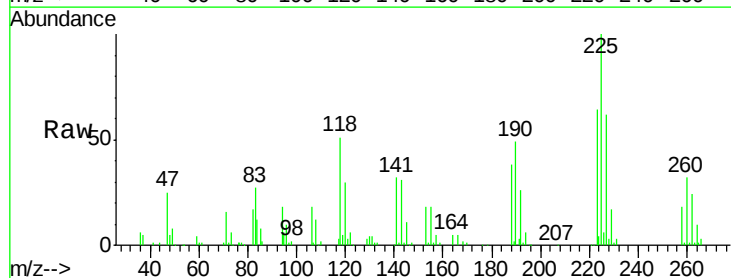
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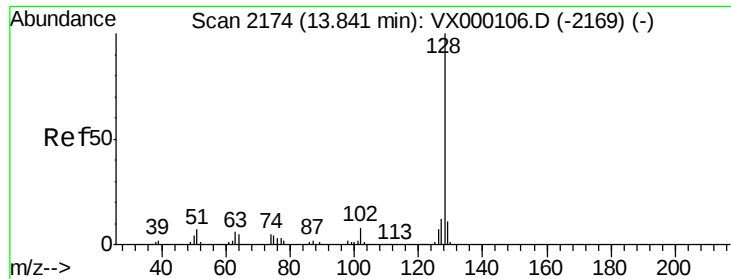
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#90
 Hexachlorobutadiene
 Concen: 19.16 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000216.D
 Acq: 08 Mar 2018 11:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	0.0	131.2
227	63.4	0.0	127.6





#91

Naphthalene

Concen: 20.11 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000216.D

Acq: 08 Mar 2018 11:06

Instrument :

MSVOA_X

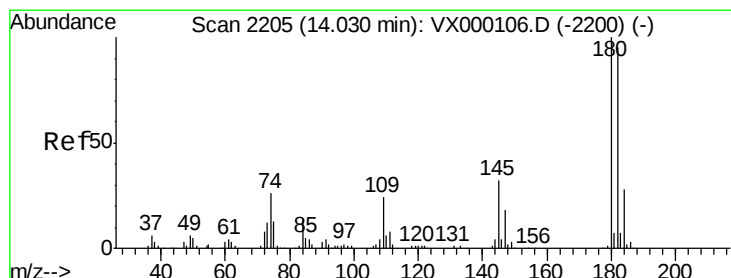
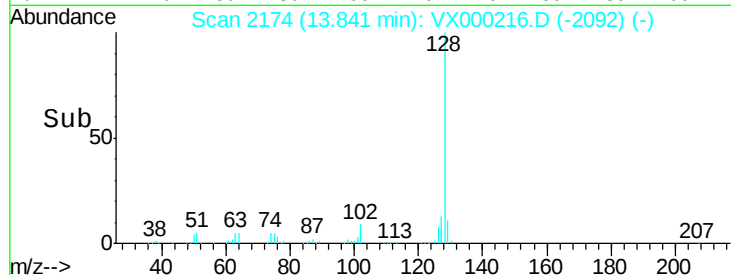
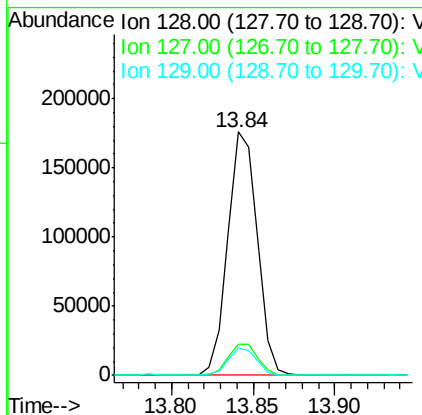
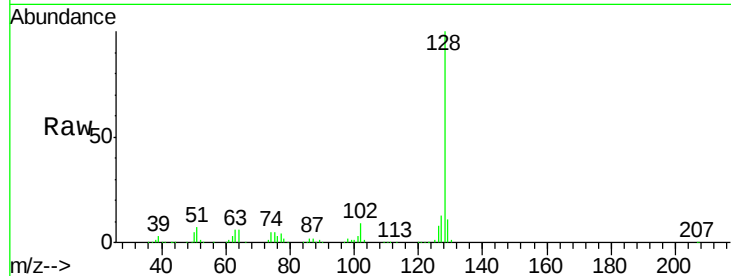
ClientSampleId :

VX0308WBS01

Tot Ion:	128	Resp:	221000
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.5	15.7
129	10.7	9.0	13.6

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#92

1,2,3-Trichlorobenzene

Concen: 19.34 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000216.D

Acq: 08 Mar 2018 11:06

Tgt Ion:	180	Resp:	61147
Ion Ratio	Lower	Upper	
180	100		
182	94.7	0.0	188.6
145	31.6	0.0	65.8

