

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030718\
 Data File : VX000210.D
 Acq On : 07 Mar 2018 13:52
 Operator : JC/MD
 Sample : VSTDIC075
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC075

Manual Integrations
 APPROVED

apatel
 3/8/2018 10:42:22 AM

Quant Time: Mar 08 00:52:05 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 00:32:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	147014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	251556	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	257978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	160741	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	161605	86.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	172.04%	
35) Dibromofluoromethane	5.51	113	127193	79.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	159.66%	
50) Toluene-d8	8.73	98	532770	83.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	166.78%	
62) 4-Bromofluorobenzene	11.15	95	212570	85.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	170.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	91260	60.09	ug/l	97
3) Chloromethane	1.32	50	86879	58.40	ug/l	99
4) Vinyl Chloride	1.41	62	108332	64.85	ug/l	99
5) Bromomethane	1.64	94	117561	71.36	ug/l	98
6) Chloroethane	1.72	64	68996	61.02	ug/l	99
7) Trichlorofluoromethane	1.93	101	178605	59.70	ug/l	99
8) Diethyl Ether	2.20	74	62359	60.35	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	94070	56.46	ug/l	99
10) Methyl Iodide	2.51	142	106427	60.12	ug/l	99
11) Tert butyl alcohol	3.09	59	214916	300.88	ug/l	100
12) 1,1-Dichloroethene	2.38	96	91244	58.94	ug/l	90
13) Acrolein	2.30	56	144778	412.49	ug/l	97
14) Allyl chloride	2.73	41	167247	63.89	ug/l	99
15) Acrylonitrile	3.16	53	389590	317.16	ug/l	100
16) Acetone	2.45	43	412309	333.87	ug/l	99
17) Carbon Disulfide	2.57	76	256260	56.35	ug/l	100
18) Methyl Acetate	2.78	43	179148	62.84	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	323955	60.79	ug/l	100
20) Methylene Chloride	2.86	84	98557	57.14	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	99791	59.27	ug/l	96
22) Diisopropyl ether	3.89	45	252731	55.97	ug/l	96
23) Vinyl Acetate	3.84	43	1247694	293.39	ug/l	100
24) 1,1-Dichloroethane	3.70	63	169265	60.96	ug/l	99
25) 2-Butanone	4.72	43	522289	309.31	ug/l	97
26) 2,2-Dichloropropane	4.59	77	127317	55.12	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	91309	57.44	ug/l	98
28) Bromochloromethane	5.03	49	94995	78.01	ug/l	98
29) Tetrahydrofuran	5.18	42	339149	309.88	ug/l	99
30) Chloroform	5.23	83	169234	59.75	ug/l	100
31) Cyclohexane	5.59	56	131854	56.86	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	152357	58.71	ug/l	100
36) 1,1-Dichloropropene	5.81	75	123396	54.55	ug/l	98
37) Ethyl Acetate	4.87	43	177268	56.81	ug/l	99
38) Carbon Tetrachloride	5.79	117	134213	55.54	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	150682	55.18	ug/l	97
40) Benzene	6.15	78	369722	57.10	ug/l	99
41) Methacrylonitrile	5.07	41	90859	55.73	ug/l	99
42) 1,2-Dichloroethane	6.21	62	143862	59.97	ug/l	99
43) Isopropyl Acetate	6.48	43	266241	58.93	ug/l	99
44) Trichloroethene	7.23	130	105558	55.66	ug/l	99
45) 1,2-Dichloropropane	7.52	63	94986	59.59	ug/l	95
46) Dibromomethane	7.67	93	74196	59.62	ug/l	99
47) Bromodichloromethane	7.91	83	137718	60.05	ug/l	93
48) Methyl methacrylate	7.79	41	130698	59.17	ug/l	98
49) 1,4-Dioxane	7.77	88	65555	1154.80	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1046757	313.99	ug/l	100
52) Toluene	8.79	92	257991	59.24	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	163139	60.53	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	163623	61.16	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	106583	59.47	ug/l	98
56) Ethyl methacrylate	9.19	69	170218	61.76	ug/l	99
57) 1,3-Dichloropropane	9.38	76	172569	60.47	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	505749	363.69	ug/l	99
59) 2-Hexanone	9.51	43	904084	319.69	ug/l	99
60) Dibromochloromethane	9.59	129	120213	59.77	ug/l	99
61) 1,2-Dibromoethane	9.68	107	119397	59.89	ug/l	98
64) Tetrachloroethene	9.34	164	99477	53.85	ug/l	96
65) Chlorobenzene	10.15	112	304731	56.21	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	106983	56.93	ug/l	97
67) Ethyl Benzene	10.26	91	521273	57.05	ug/l	99
68) m/p-Xylenes	10.37	106	422295	116.59	ug/l	98
69) o-Xylene	10.71	106	203532	58.48	ug/l	98
70) Styrene	10.72	104	350987	61.49	ug/l	98
71) Bromoform	10.87	173	100389	59.25	ug/l #	99
73) Isopropylbenzene	11.02	105	549190	54.19	ug/l	99
74) N-amyl acetate	6.48	43	266241	52.24	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.28	83	197940	55.99	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	177074m	53.64	ug/l	
77) Bromobenzene	11.26	156	141494	52.12	ug/l	97
78) n-propylbenzene	11.37	91	644324	53.90	ug/l	99
79) 2-Chlorotoluene	11.43	91	373312	54.76	ug/l	100
80) 1,3,5-Trimethylbenzene	11.52	105	469362	54.85	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	62467	54.59	ug/l	99
82) 4-Chlorotoluene	11.52	91	454612	54.75	ug/l	100
83) tert-Butylbenzene	11.78	119	462365	53.47	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	486227	54.63	ug/l	100
85) sec-Butylbenzene	11.96	105	577241	53.64	ug/l	100
86) p-Isopropyltoluene	12.07	119	516612	53.89	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	278264	52.98	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	295360	54.42	ug/l	98
89) n-Butylbenzene	12.40	91	481226	52.91	ug/l	100
90) Hexachloroethane	12.60	117	84992	54.87	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	279186	53.94	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	56929	58.14	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	196673	51.23	ug/l	99
94) Hexachlorobutadiene	13.79	225	77080	46.61	ug/l	99
95) Naphthalene	13.85	128	714017	54.47	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	197369	52.14	ug/l	99

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

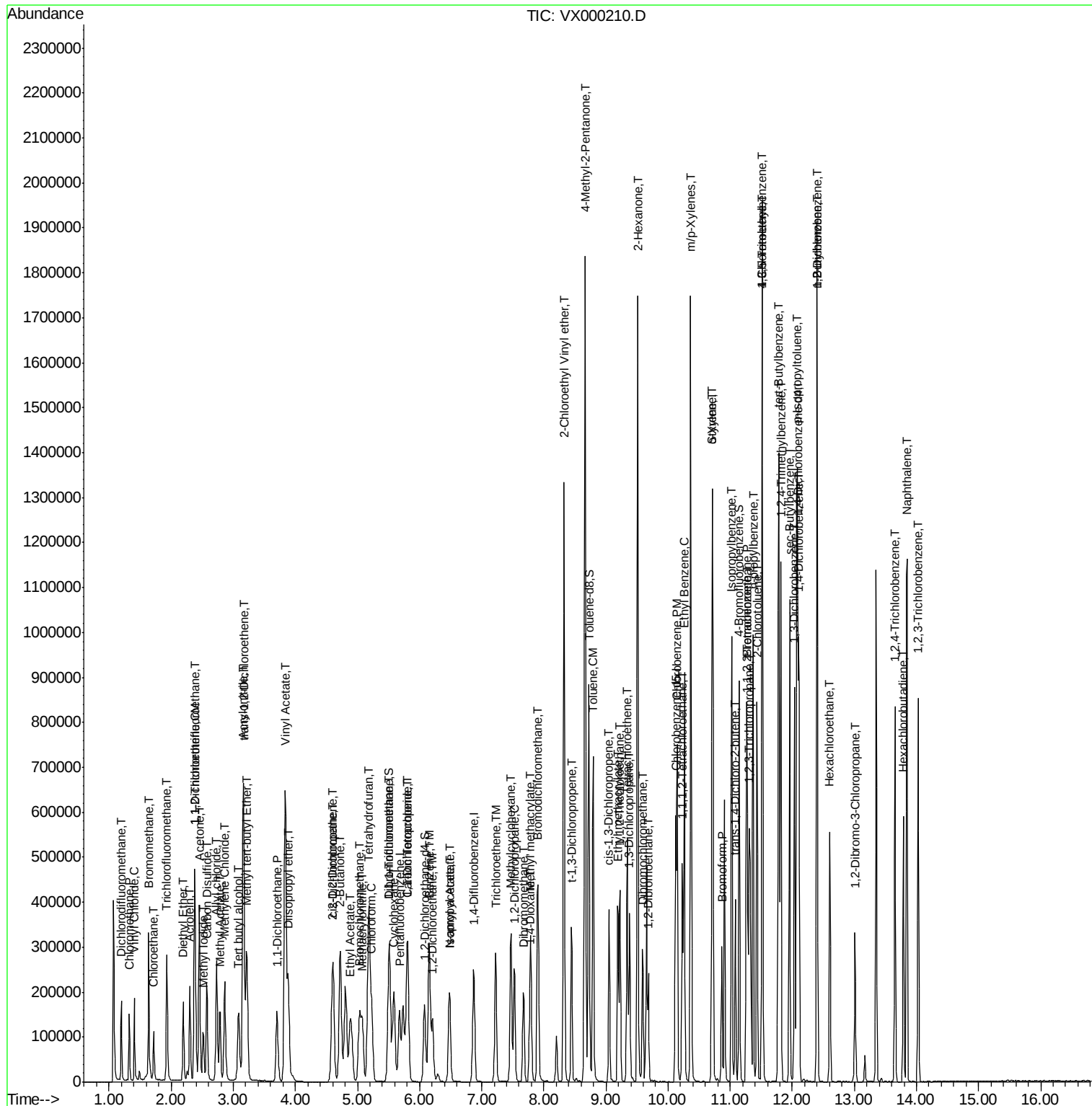
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Data Path   : W:\HPCHEM1\MSVOA X\DATA\VX030718\  
Data File  : VX000210.D  
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Operator   : JC/MD  
Sample     : VSTDICC075  
Misc       : 5.0mL/MSVOA X/WATER  
ALS Vial   : 6      Sample Multiplier: 1
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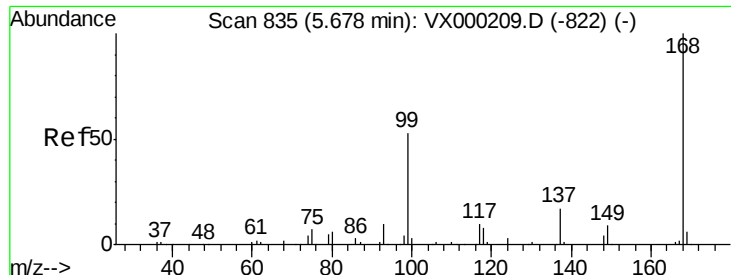
Instrument :
MSVOA_X
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC075

Tot Ion:168 Resp: 147014

Ion Ratio Lower Upper

168 100

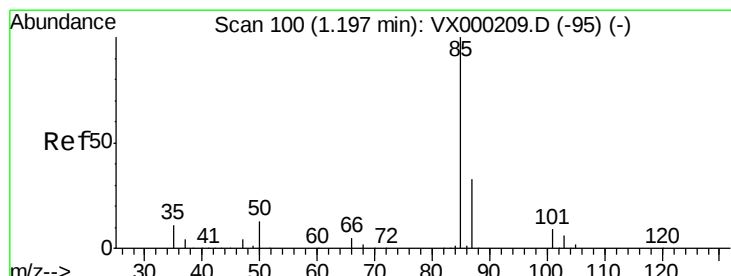
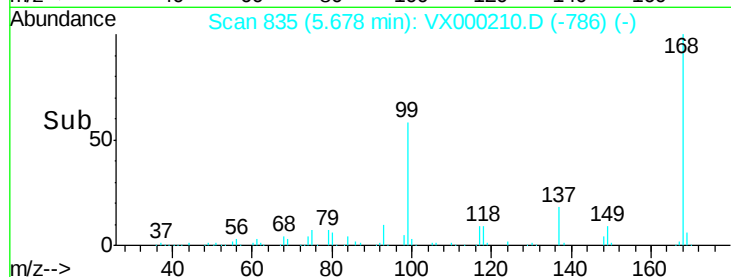
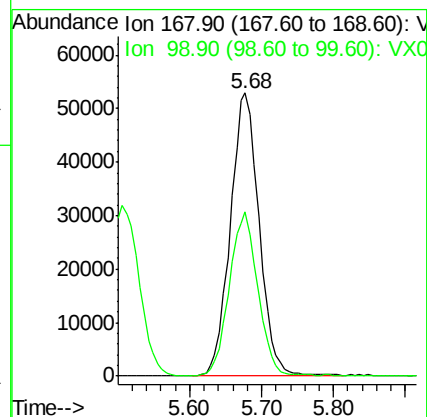
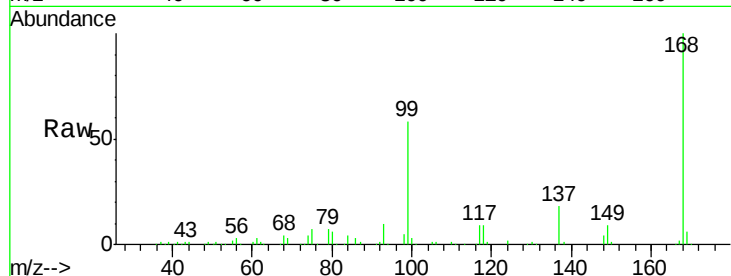
99 57.6 42.8 64.2

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 60.09 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000210.D

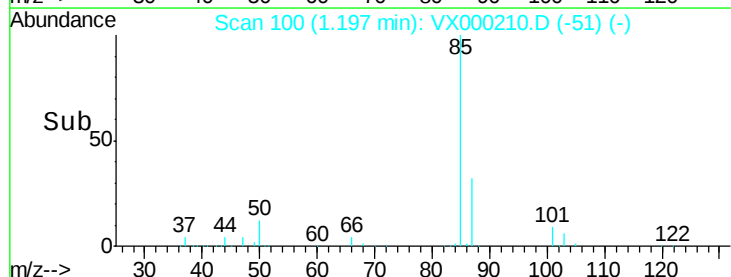
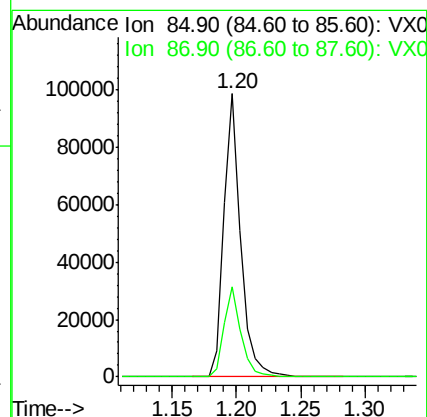
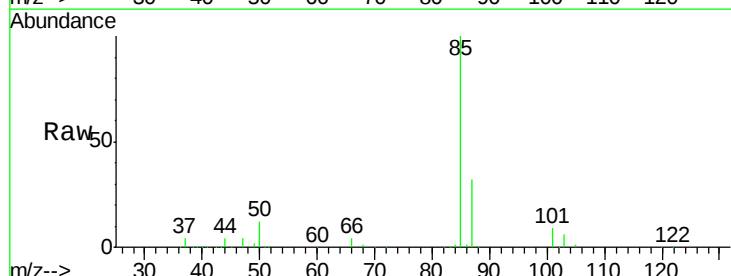
Acq: 07 Mar 2018 13:52

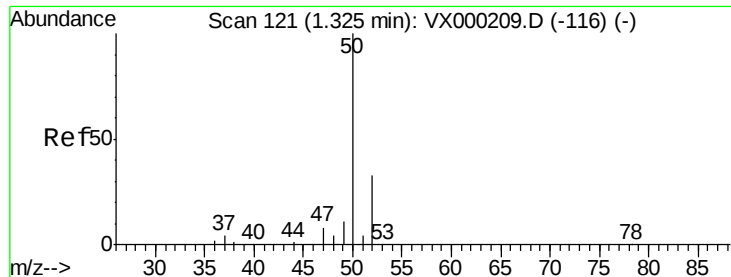
Tgt Ion: 85 Resp: 91260

Ion Ratio Lower Upper

85 100

87 31.7 16.7 50.0





#3

Chloromethane

Concen: 58.40 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

ClientSampled :

VSTDIC075

Tot Ion: 50 Resp: 86879

Ion Ratio Lower Upper

50 100

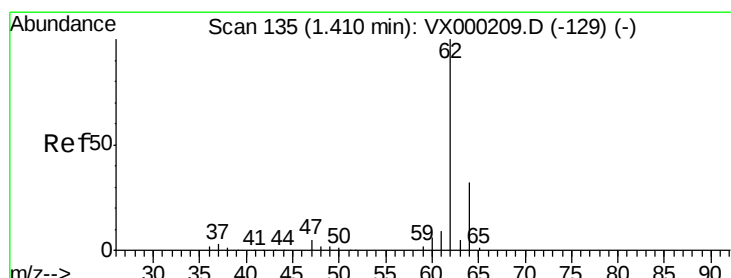
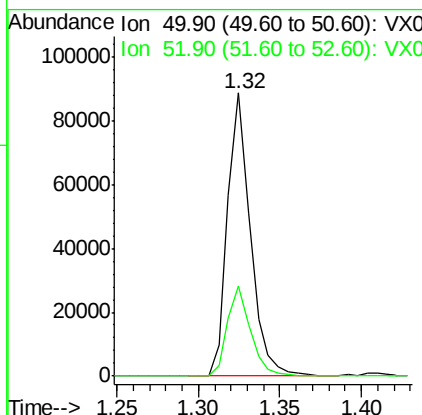
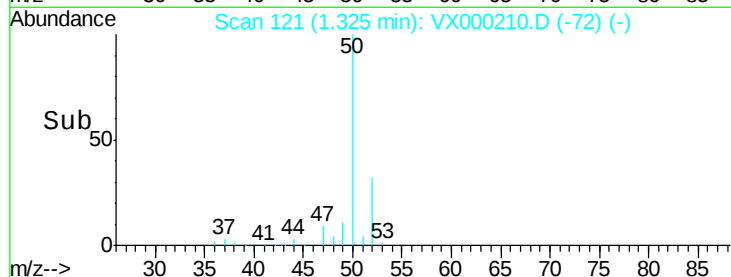
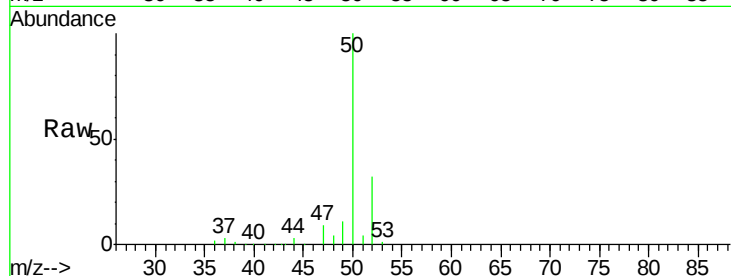
52 31.9 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 64.85 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000210.D

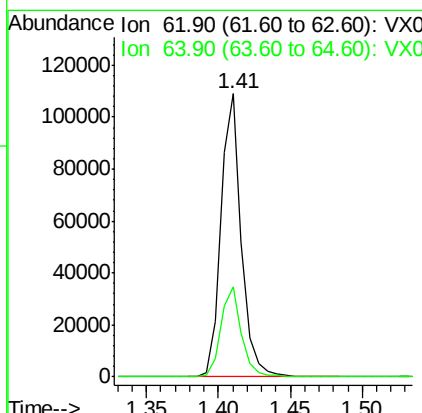
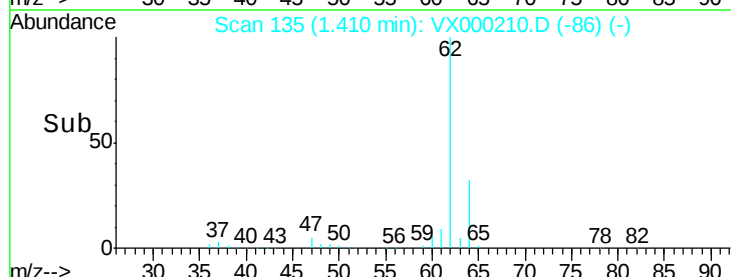
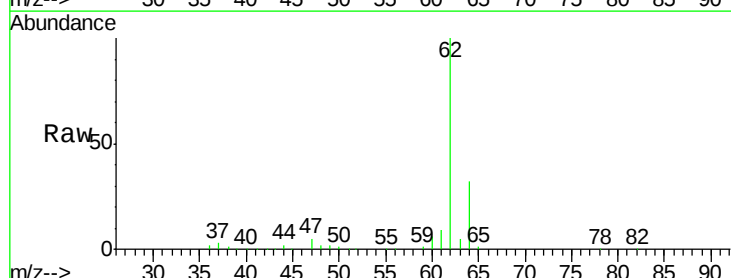
Acq: 07 Mar 2018 13:52

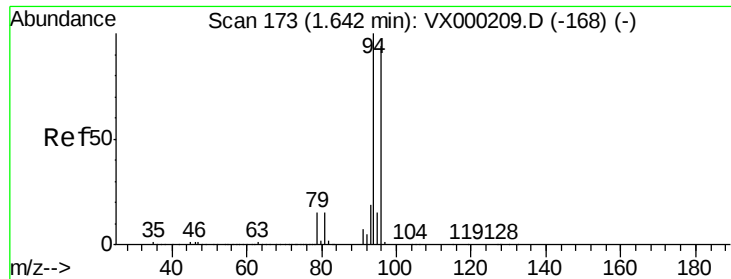
Tgt Ion: 62 Resp: 108332

Ion Ratio Lower Upper

62 100

64 31.7 25.7 38.5





#5

Bromomethane

Concen: 71.36 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC075

Tot Ion: 94 Resp: 117561

Ion Ratio Lower Upper

94 100

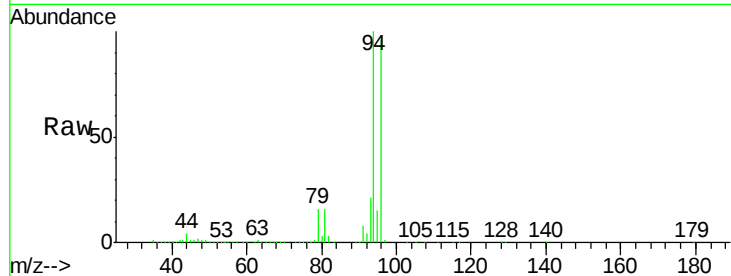
96 95.9 75.3 112.9

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

120000

100000

80000

60000

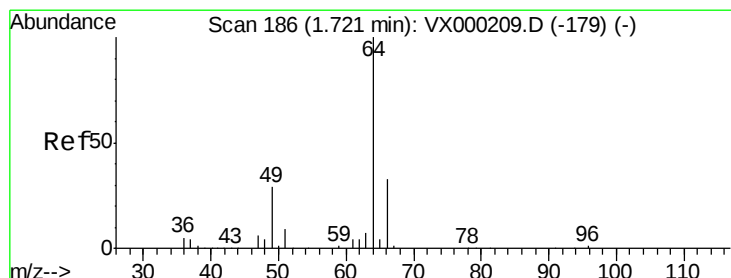
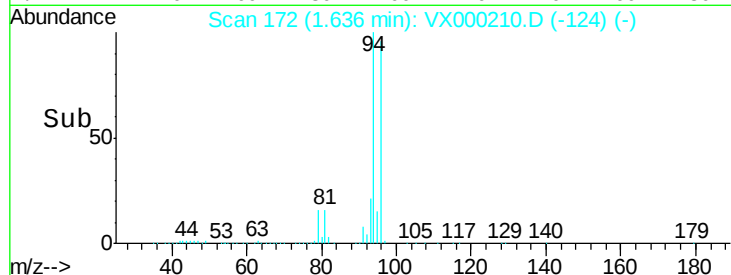
40000

20000

0

1.64

Time--> 1.50 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 61.02 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX000210.D

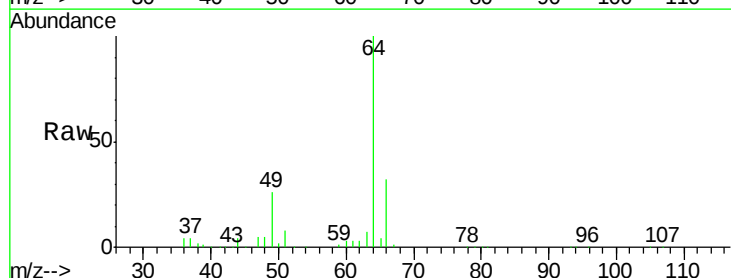
Acq: 07 Mar 2018 13:52

Tgt Ion: 64 Resp: 68996

Ion Ratio Lower Upper

64 100

66 32.2 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

60000

50000

40000

30000

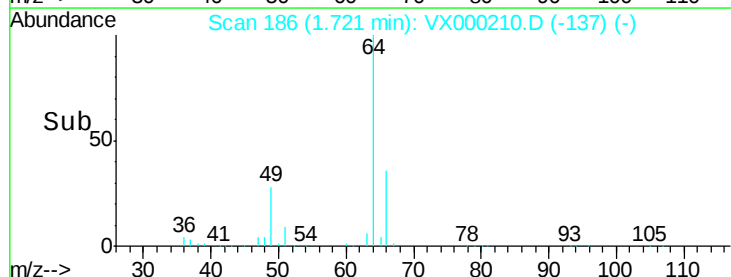
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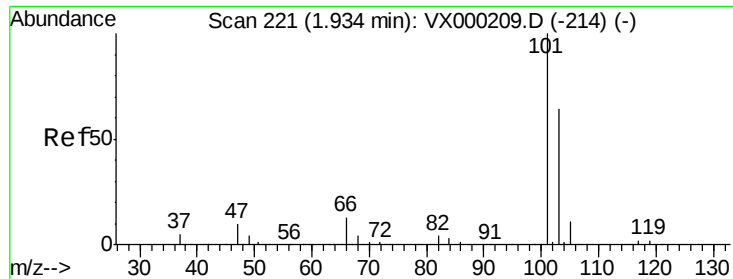
10000

0

1.72

Time--> 1.65 1.70 1.75 1.80





#7

Trichlorofluoromethane

Concen: 59.70 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.01 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

ClientSampled :

VSTDIC075

Tot Ion:101 Resp: 178605

Ion Ratio Lower Upper

101 100

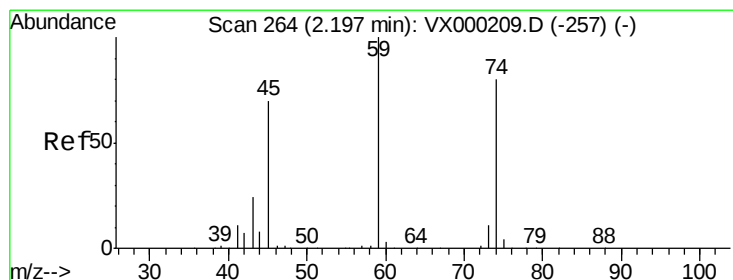
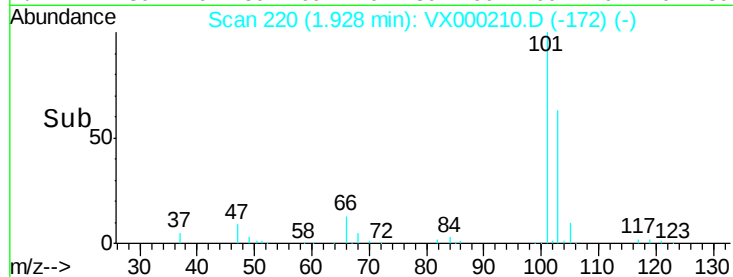
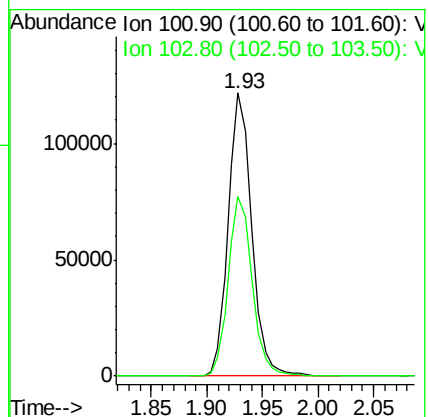
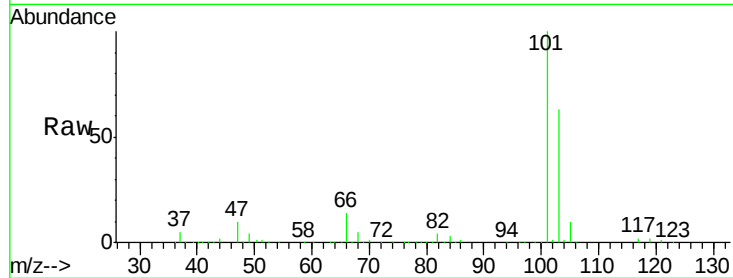
103 63.3 51.2 76.8

Manual Integrations

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#8

Diethyl Ether

Concen: 60.35 ug/l

RT: 2.20 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX000210.D

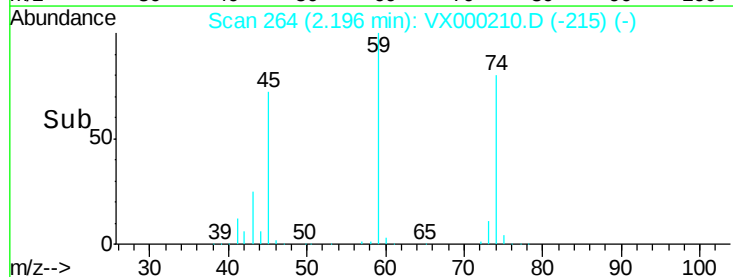
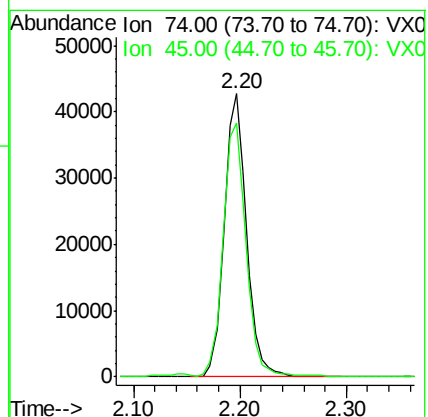
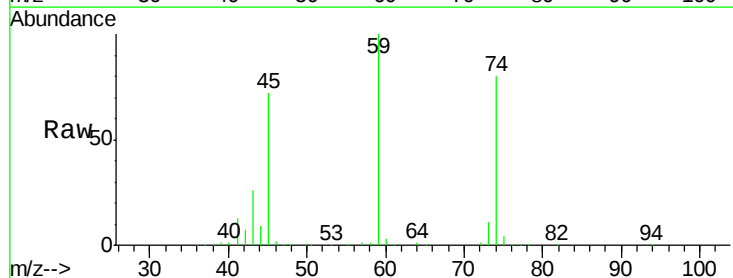
Acq: 07 Mar 2018 13:52

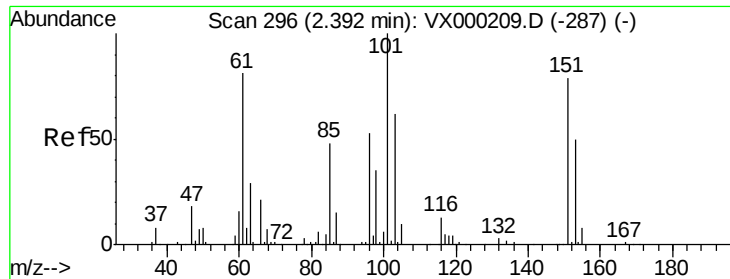
Tgt Ion: 74 Resp: 62359

Ion Ratio Lower Upper

74 100

45 92.5 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.46 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000210.D

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MSVOA_X

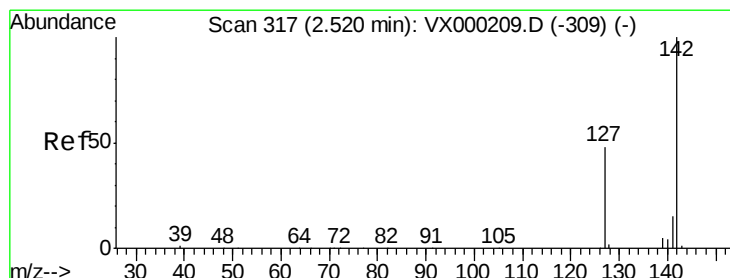
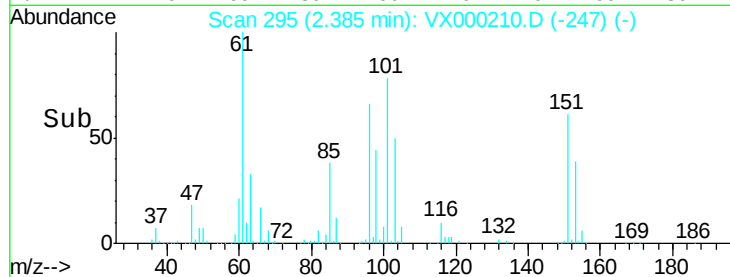
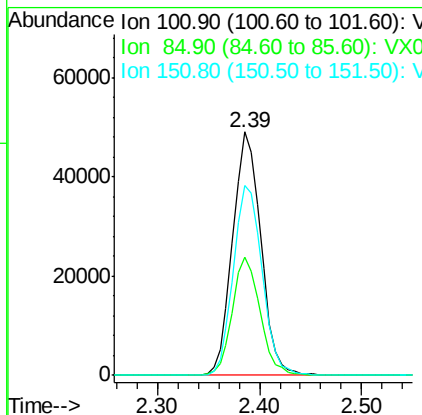
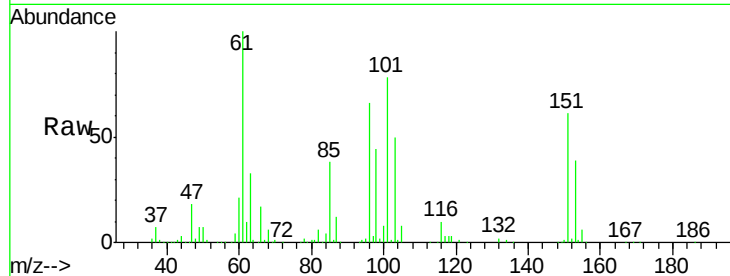
ClientSampleId :

VSTDIC075

Tot Ion:	101	Resp:	94070
Ion Ratio	Lower	Upper	
101	100		
85	47.8	38.3	57.5
151	79.6	62.8	94.2

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#10

Methyl Iodide

Concen: 60.12 ug/l

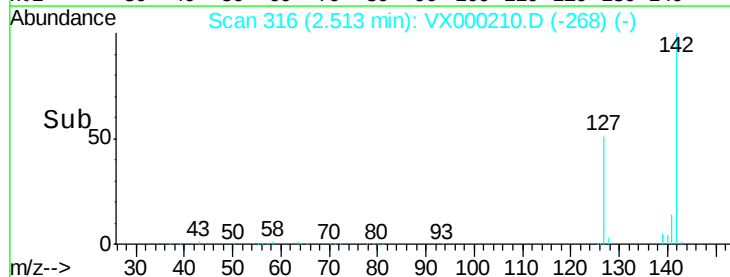
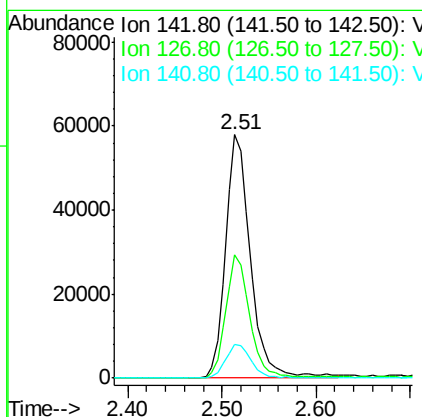
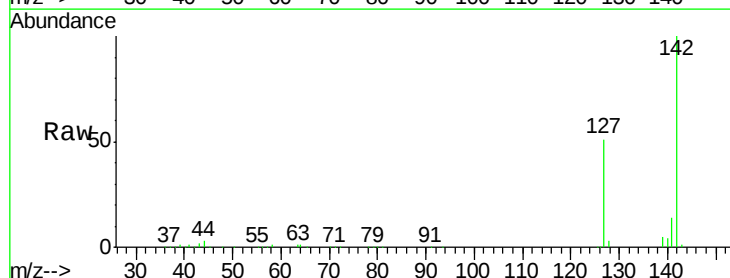
RT: 2.51 min Scan# 316

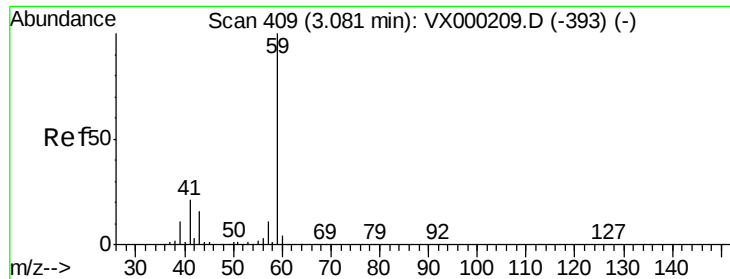
Delta R.T. -0.01 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Tgt Ion:	142	Resp:	106427
Ion Ratio	Lower	Upper	
142	100		
127	49.4	39.0	58.6
141	14.3	11.6	17.4





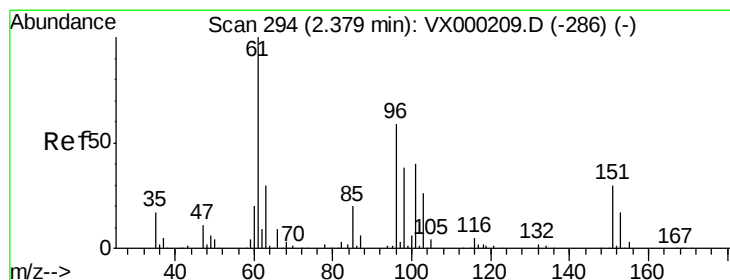
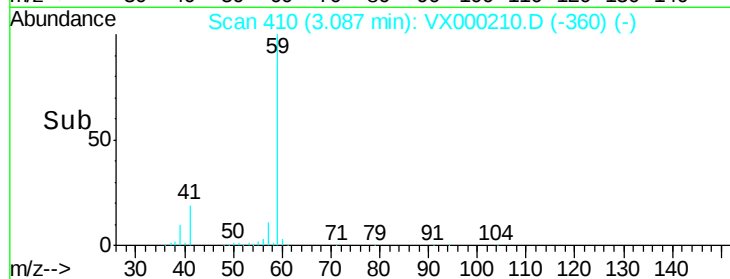
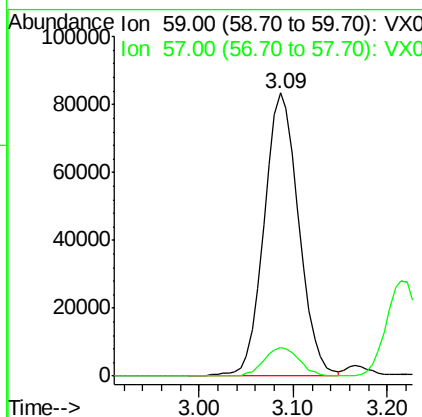
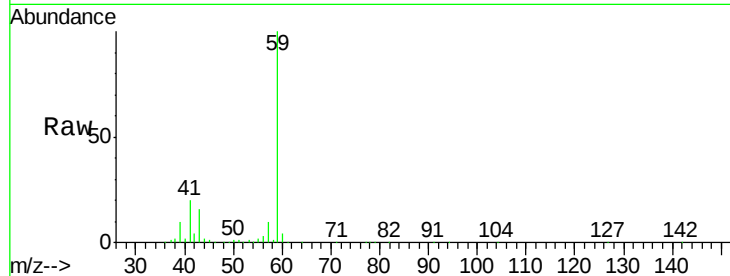
#11
Tert butyl alcohol
Concen: 300.88 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.4	12.6

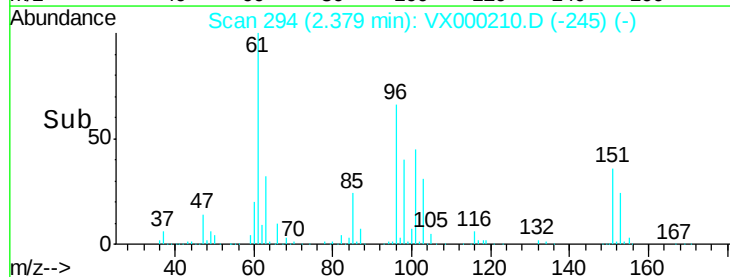
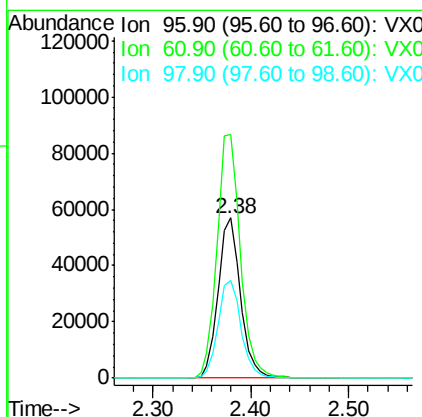
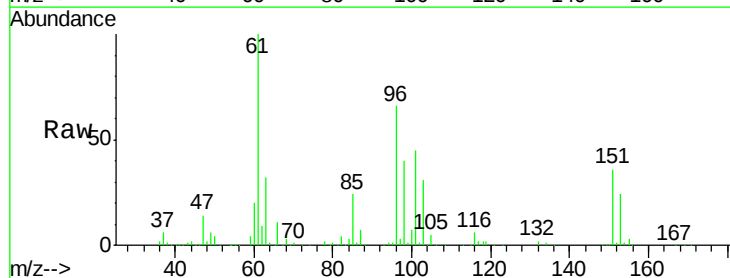
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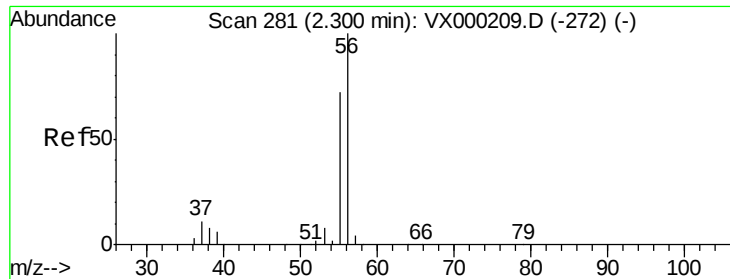
apatel
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#12
1,1-Dichloroethene
Concen: 58.94 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.1	135.8	203.6
98	61.1	51.1	76.7





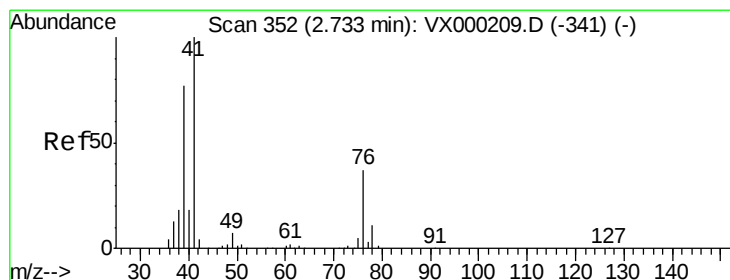
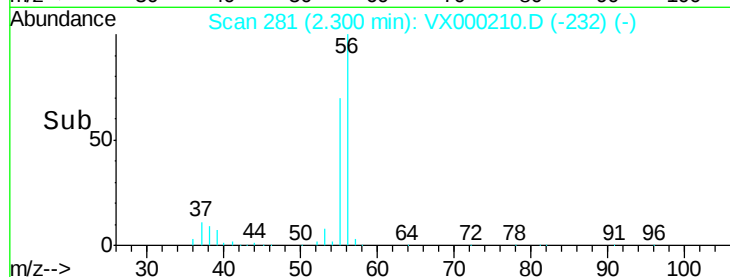
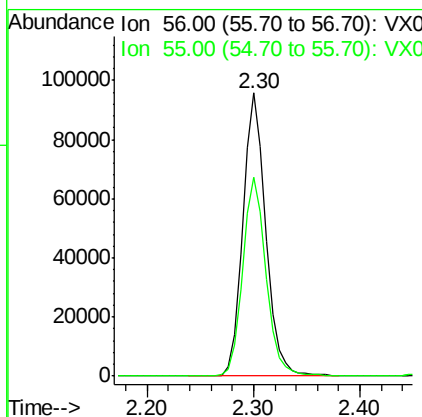
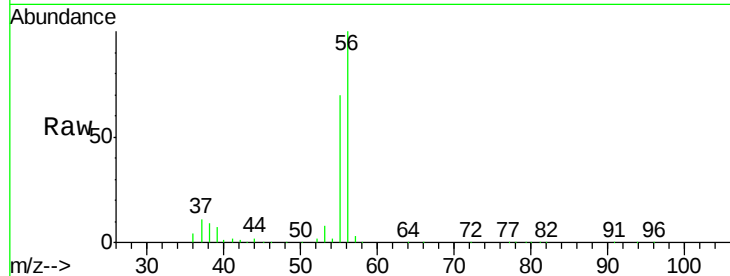
#13
Acrolein
Concen: 412.49 ug/l
RT: 2.30 min Scan# 281
Delta R.T. -0.00 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Instrument :
MSVOA_X
ClientSampled :
VSTDIC075

Tot Ion	56	Resp	144778
Ion Ratio	100	Lower	Upper
55	71.6	59.2	88.8

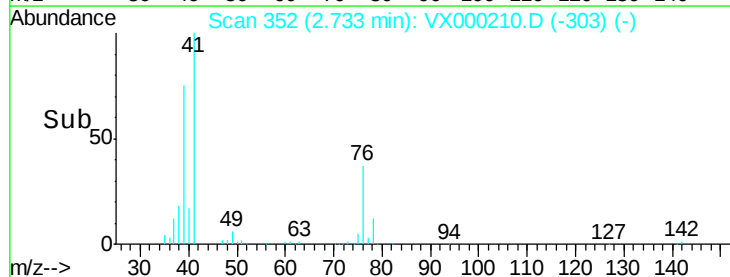
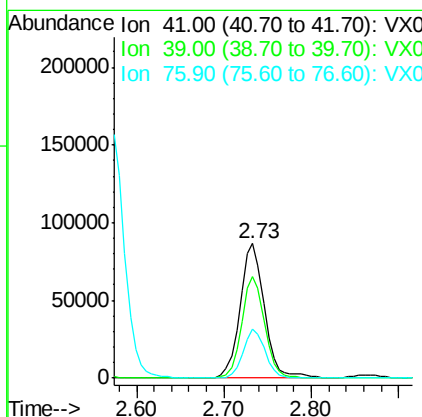
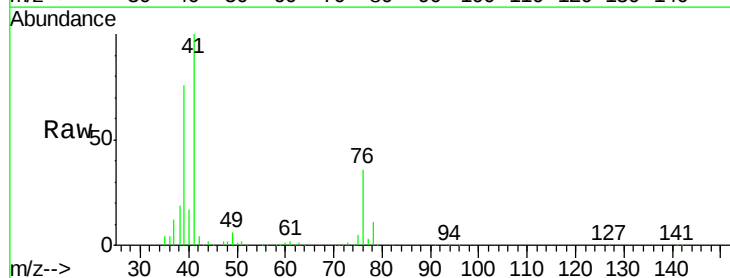
Manual Integrations
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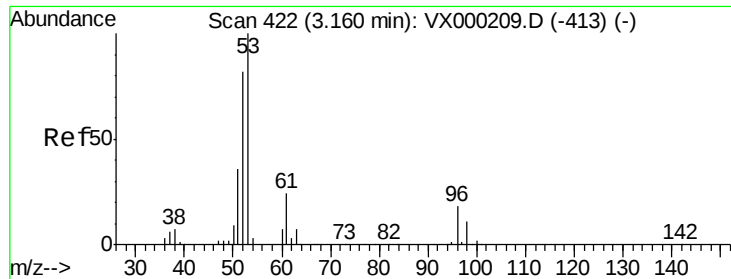
apatel
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#14
Allyl chloride
Concen: 63.89 ug/l
RT: 2.73 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Tgt Ion	41	Resp	167247
Ion Ratio	100	Lower	Upper
39	70.5	57.0	85.6
76	33.2	26.8	40.2





#15

Acrylonitrile

Concen: 317.16 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

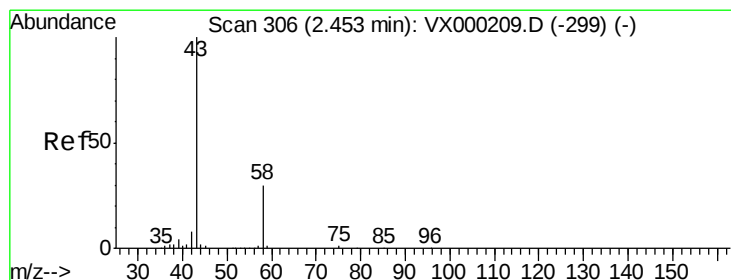
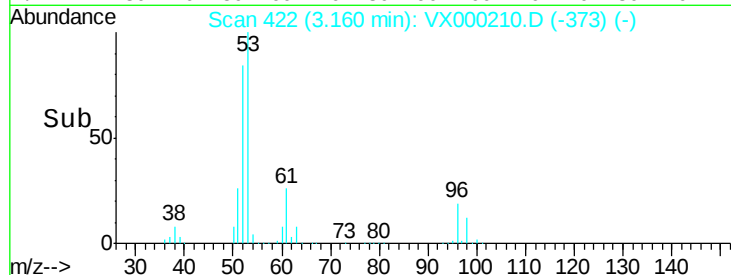
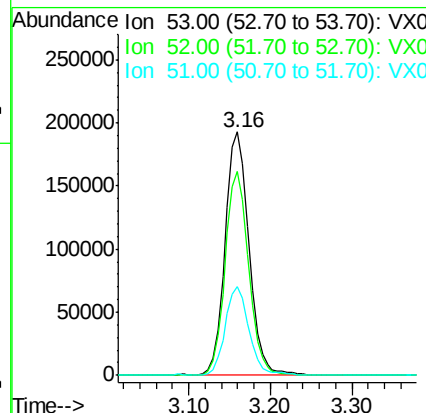
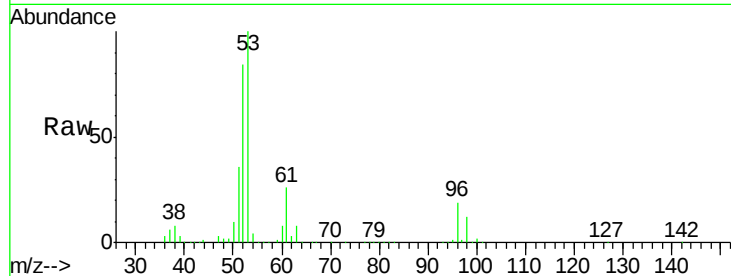
ClientSampled :

VSTDIC075

Tot Ion:	53	Resp:	389590
Ion Ratio	Lower	Upper	
53	100		
52	82.5	66.3	99.5
51	36.6	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 333.87 ug/l

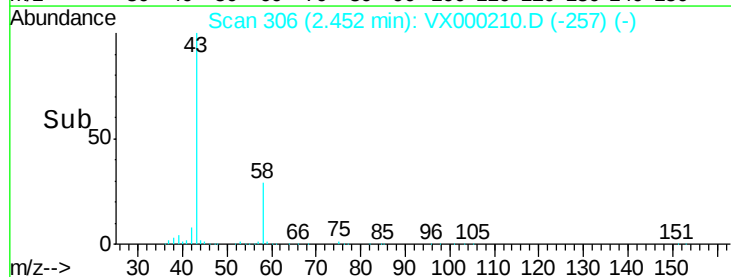
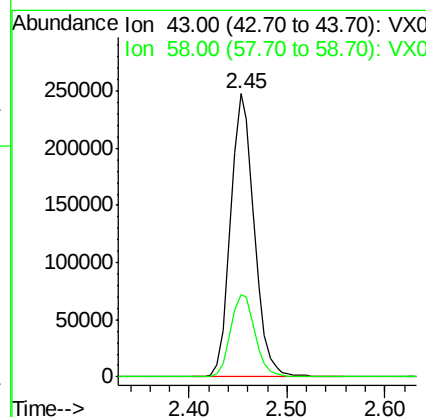
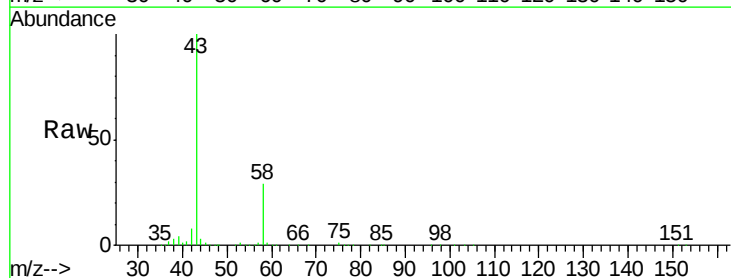
RT: 2.45 min Scan# 306

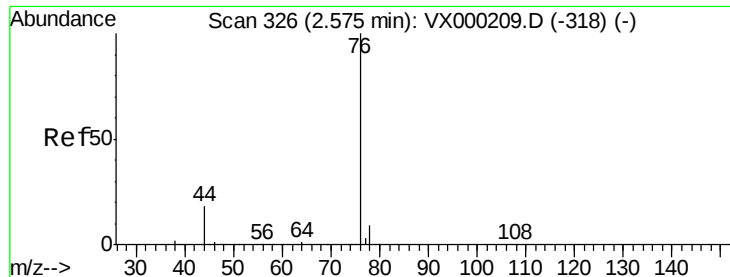
Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Tgt Ion:	43	Resp:	412309
Ion Ratio	Lower	Upper	
43	100		
58	29.1	23.8	35.6





#17

Carbon Disulfide

Concen: 56.35 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC075

Tot Ion: 76 Resp: 256260

Ion Ratio Lower Upper

76 100

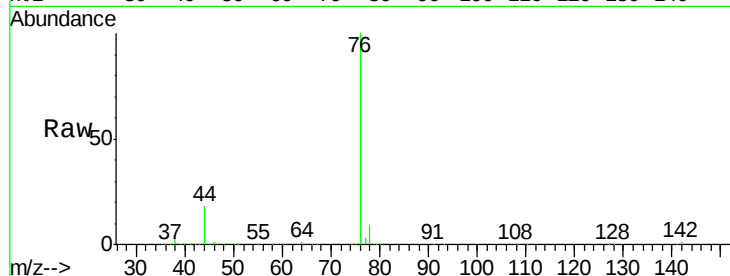
78 8.8 7.0 10.6

Manual Integrations

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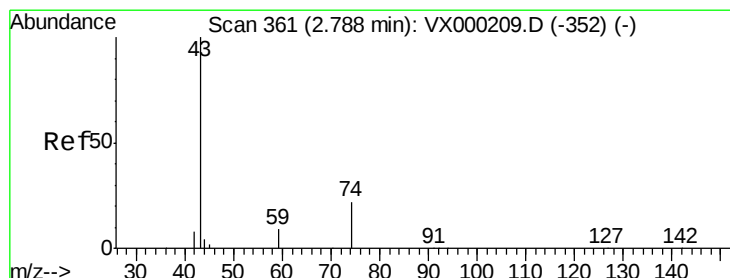
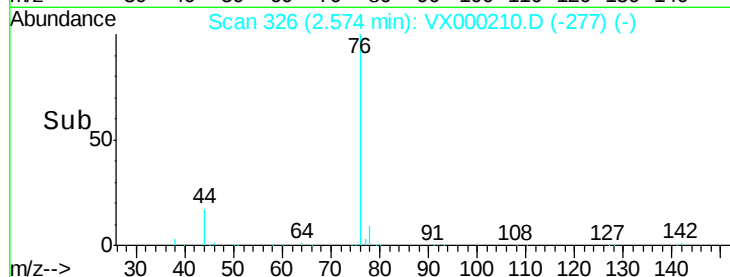
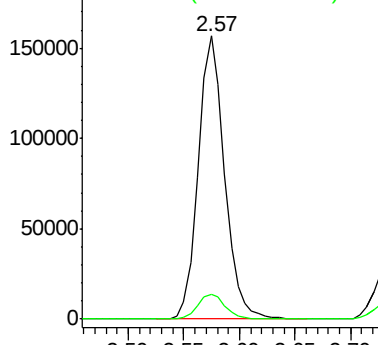
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 62.84 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX000210.D

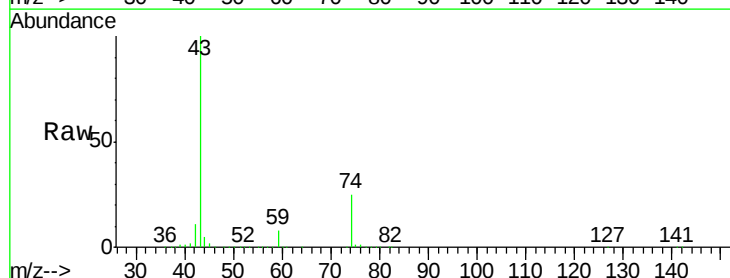
Acq: 07 Mar 2018 13:52

Tgt Ion: 43 Resp: 179148

Ion Ratio Lower Upper

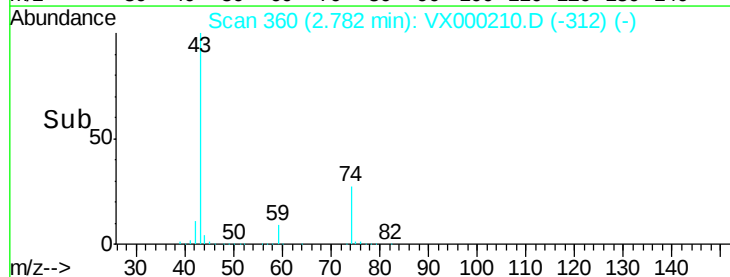
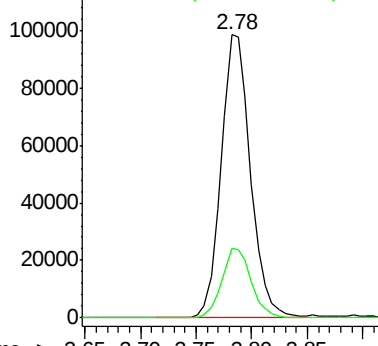
43 100

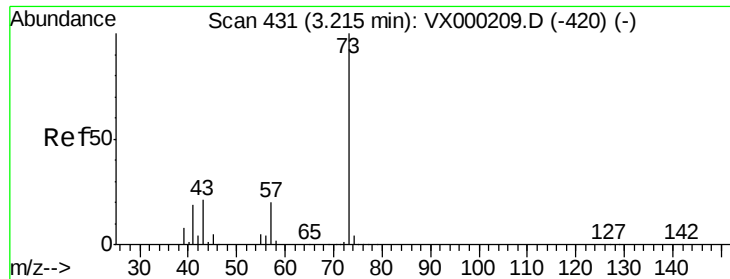
74 24.8 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





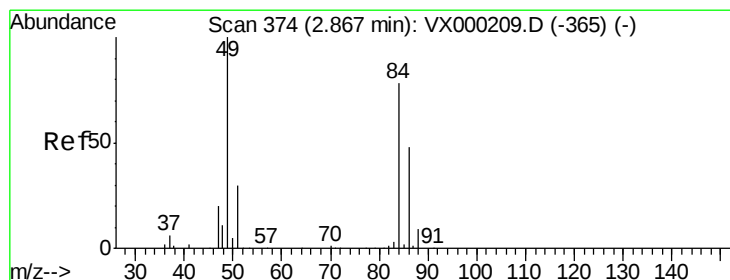
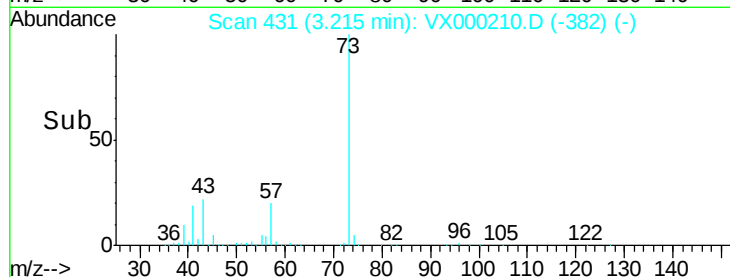
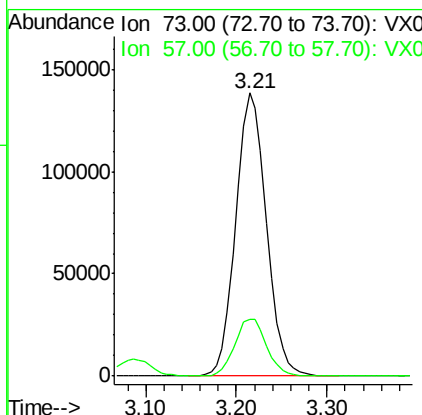
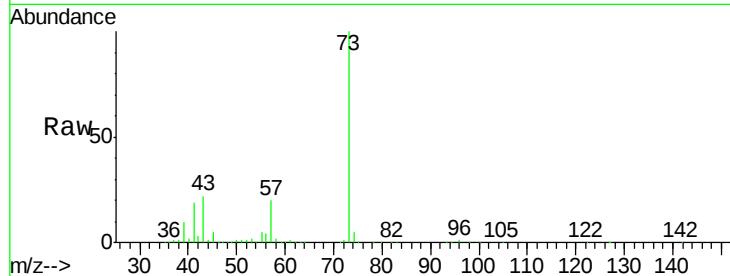
#19
Methvl tert-butvl Ether
Concen: 60.79 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.2	16.3	24.5

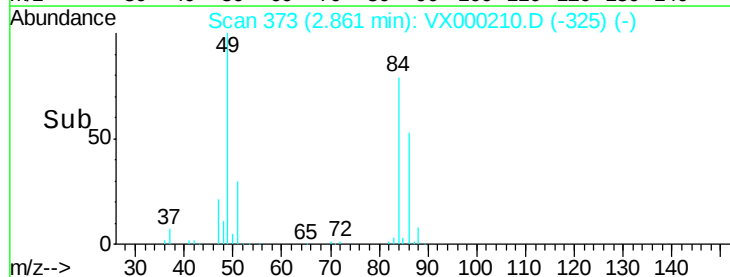
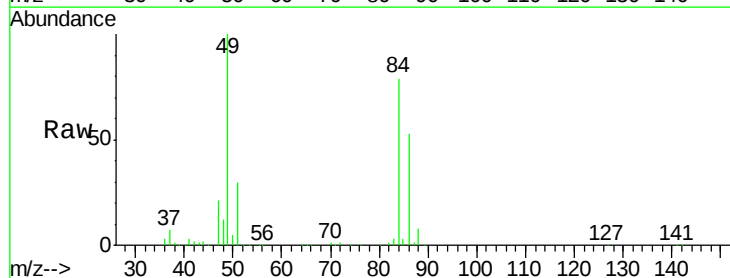
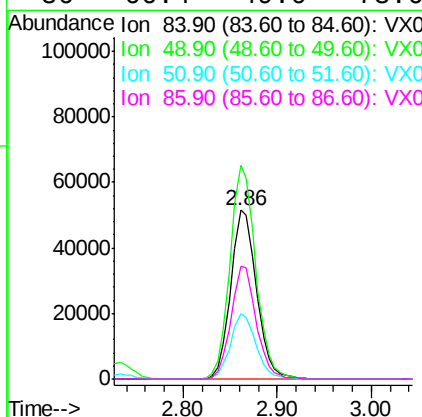
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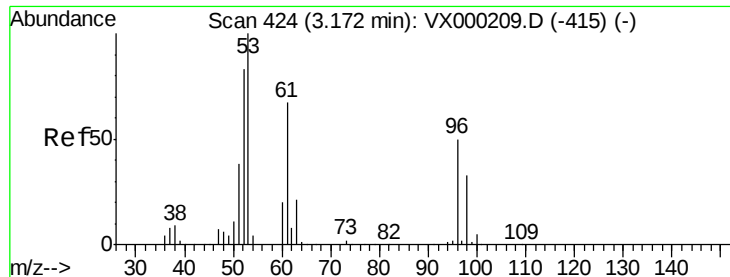
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#20
Methylene Chloride
Concen: 57.14 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.6	102.1	153.1
51	38.2	30.6	45.8
86	66.4	49.0	73.6





#21

trans-1,2-Dichloroethene

Concen: 59.27 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

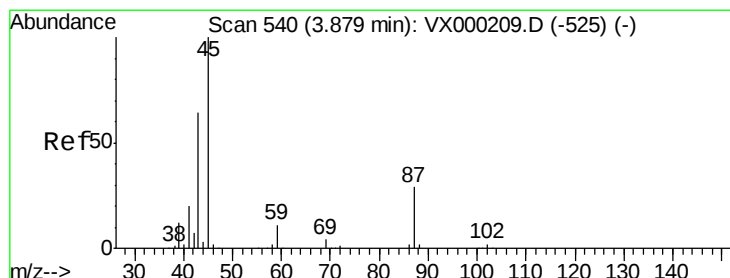
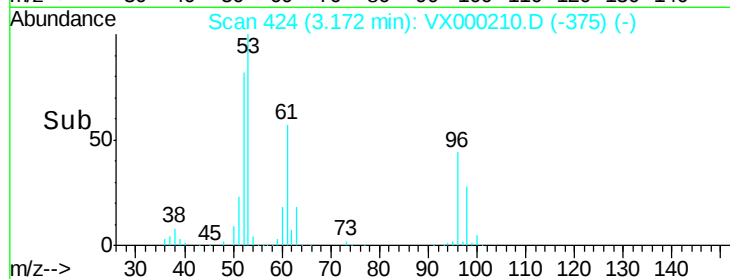
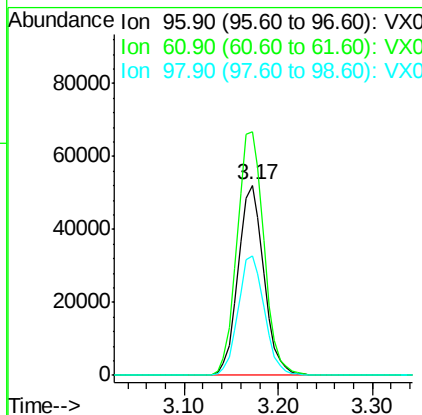
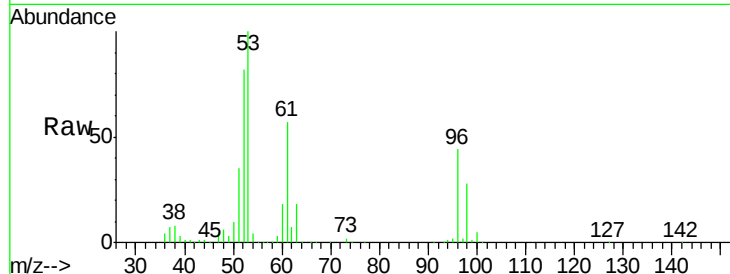
ClientSampled :

VSTDIC075

Tot Ion:	96	Resp:	99791
Ion	Ratio	Lower	Upper
96	100		
61	128.0	107.0	160.4
98	63.1	51.8	77.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 55.97 ug/l

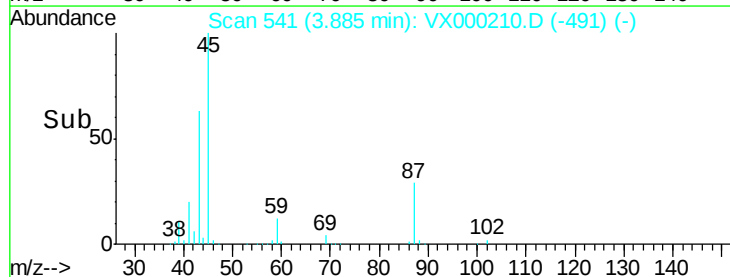
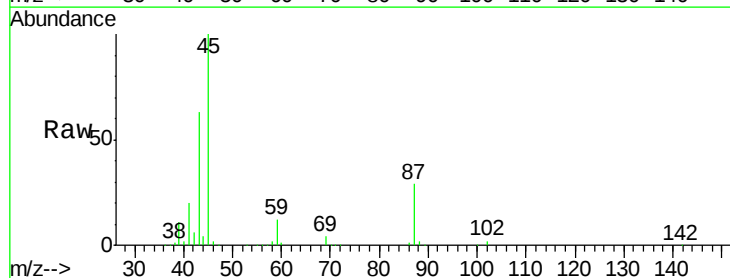
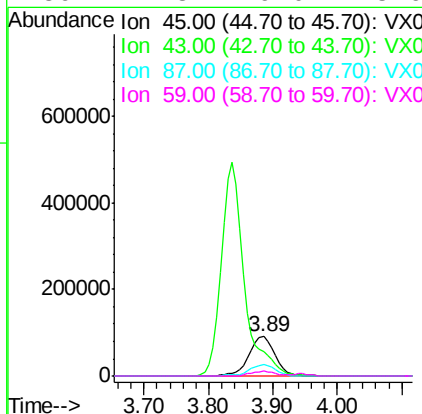
RT: 3.89 min Scan# 541

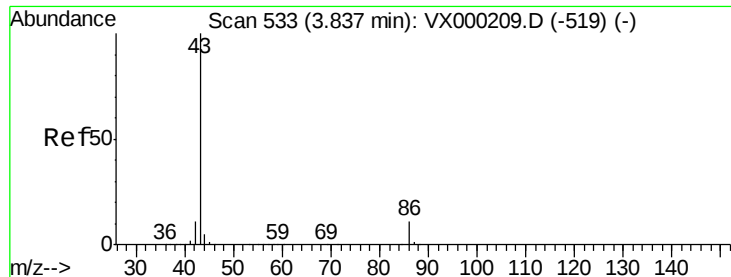
Delta R.T. 0.01 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Tgt Ion:	45	Resp:	252731
Ion	Ratio	Lower	Upper
45	100		
43	62.5	53.5	80.3
87	29.3	23.3	34.9
59	11.8	9.0	13.6





#23

Vinyl Acetate

Concen: 293.39 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

ClientSampled :

VSTDIC075

Tot Ion: 43 Resp: 1247694

Ion Ratio Lower Upper

43 100

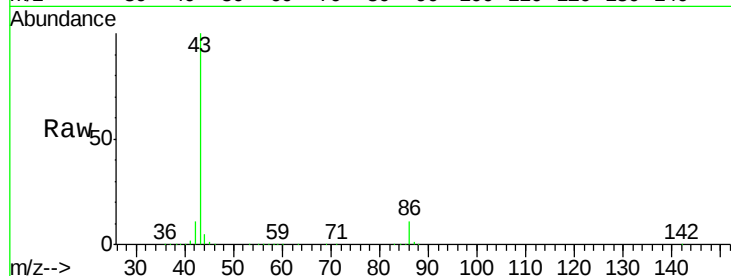
86 10.7 8.5 12.7

Manual Integrations

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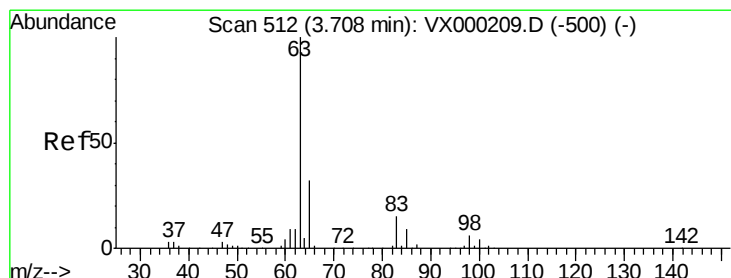
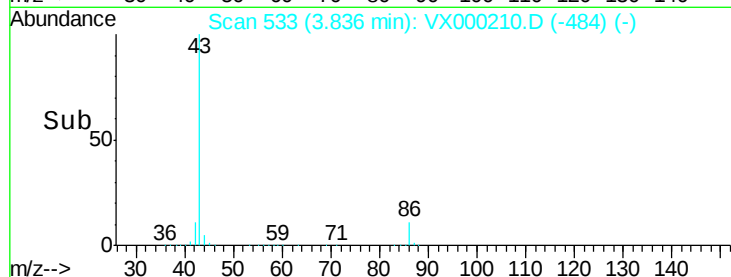
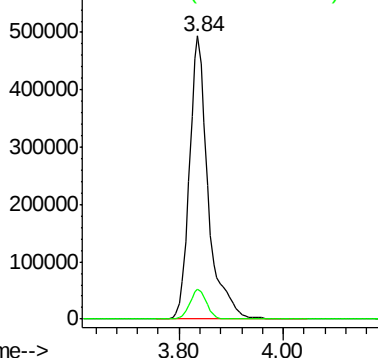
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 60.96 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

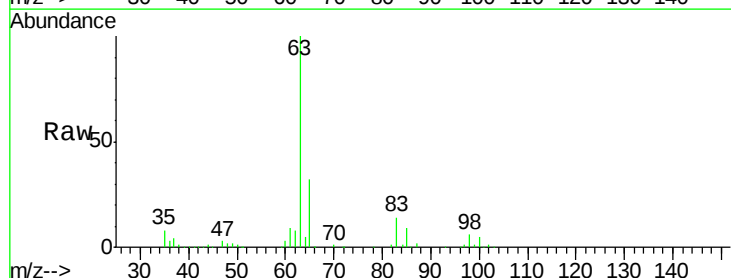
Tgt Ion: 63 Resp: 169265

Ion Ratio Lower Upper

63 100

98 6.5 3.1 9.4

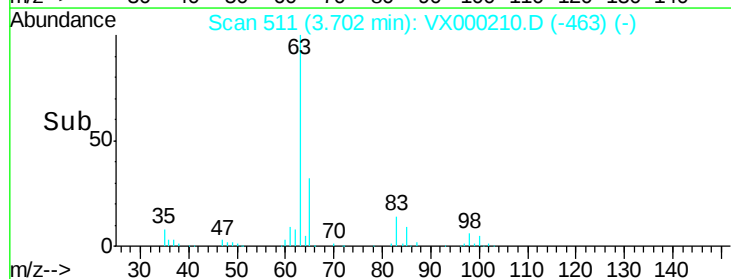
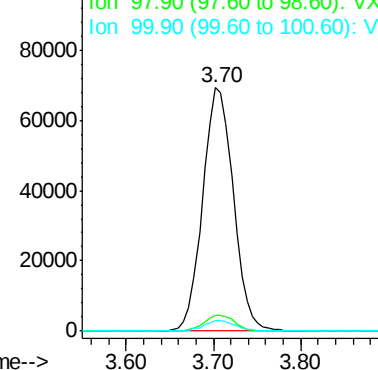
100 4.6 2.2 6.6

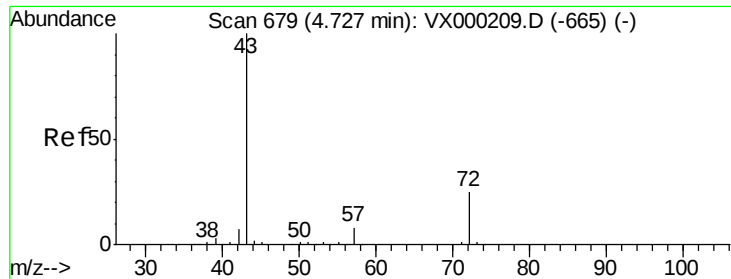


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 309.31 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC075

Tot Ion: 43 Resp: 522289

Ion Ratio Lower Upper

43 100

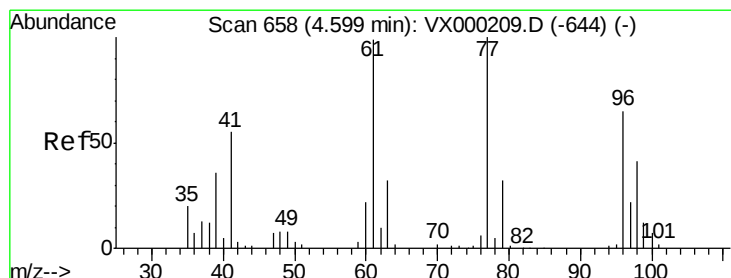
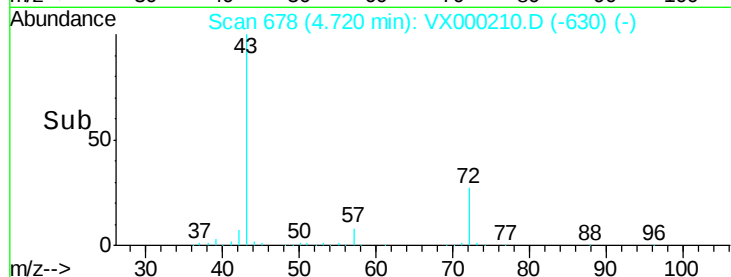
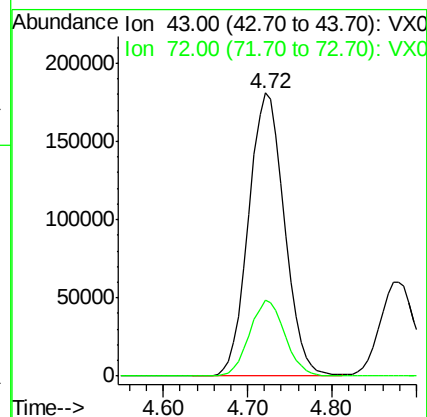
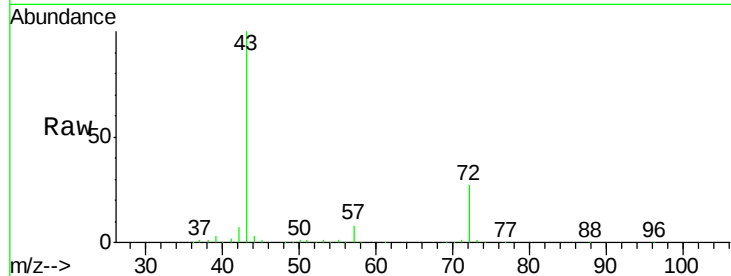
72 26.6 20.2 30.2

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#26

2,2-Dichloropropane

Concen: 55.12 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000210.D

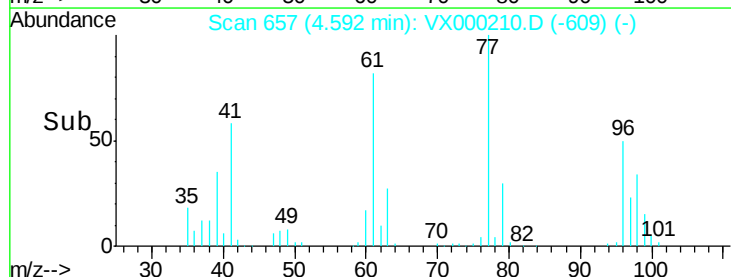
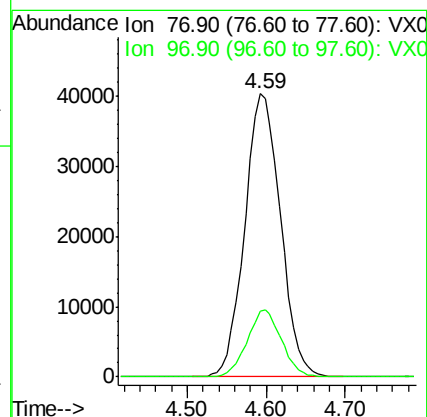
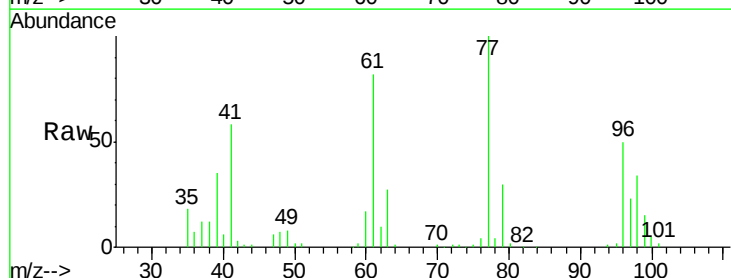
Acq: 07 Mar 2018 13:52

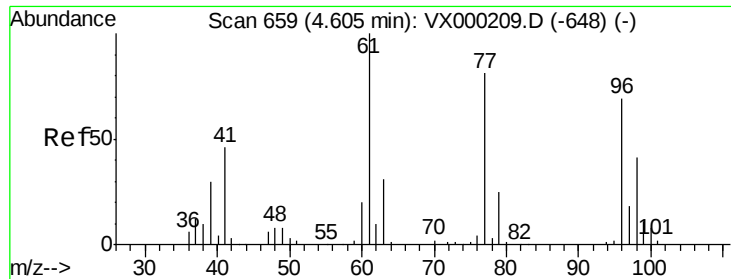
Tgt Ion: 77 Resp: 127317

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.1





#27

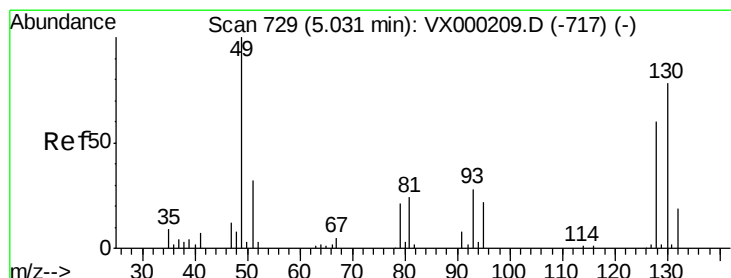
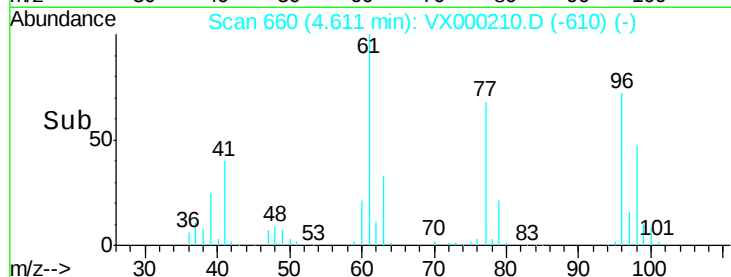
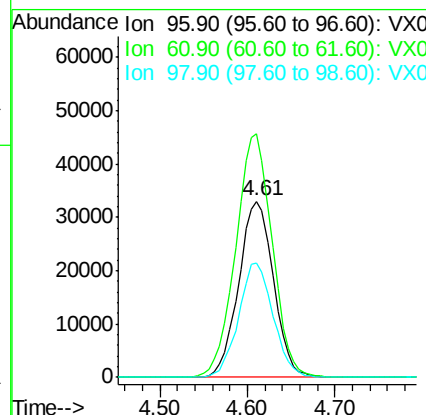
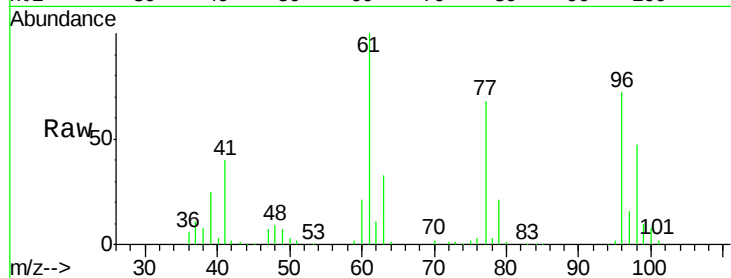
cis-1,2-Dichloroethene
 Concen: 57.44 ug/l
 RT: 4.61 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: VX000210.D
 Acq: 07 Mar 2018 13:52

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.6	0.0	296.4
98	64.5	0.0	130.6

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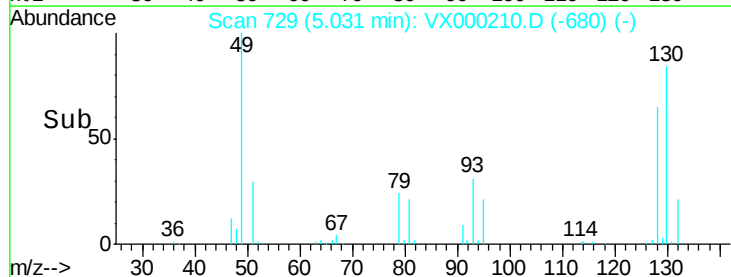
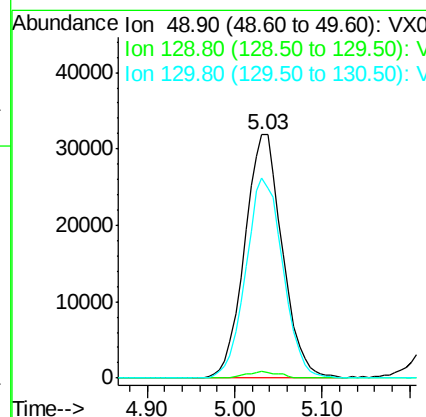
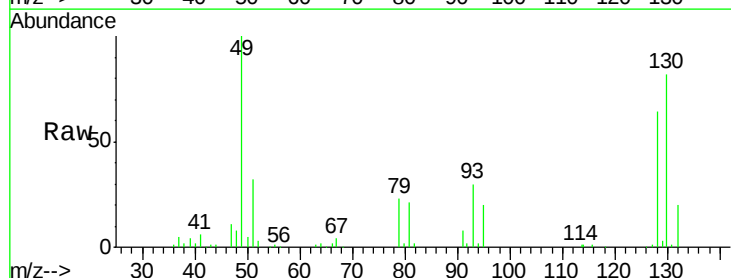
apatel
 3/8/2018 10:42:22 AM

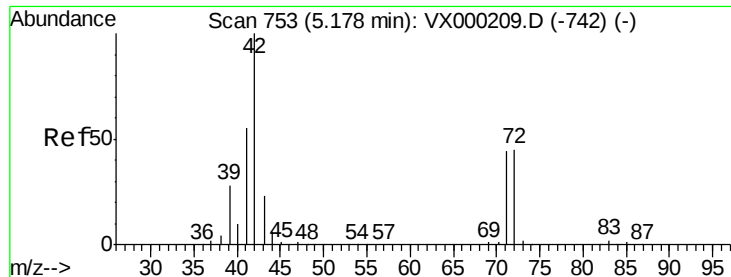


#28

Bromochloromethane
 Concen: 78.01 ug/l
 RT: 5.03 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: VX000210.D
 Acq: 07 Mar 2018 13:52

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	81.3	63.5	95.3





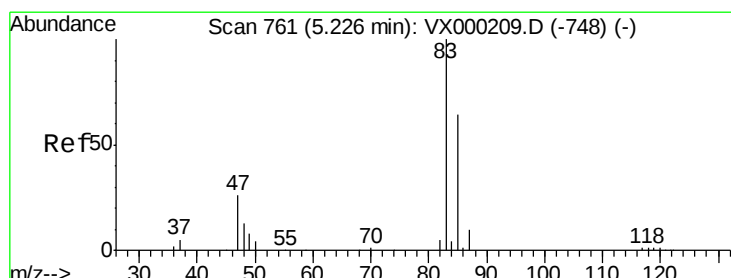
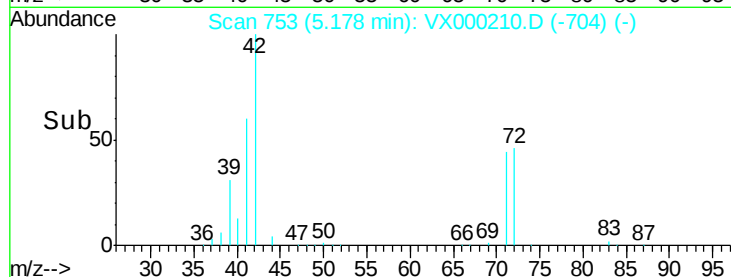
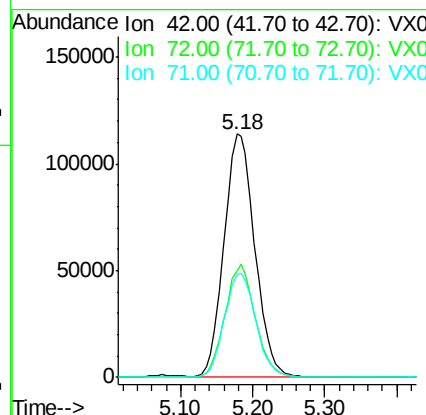
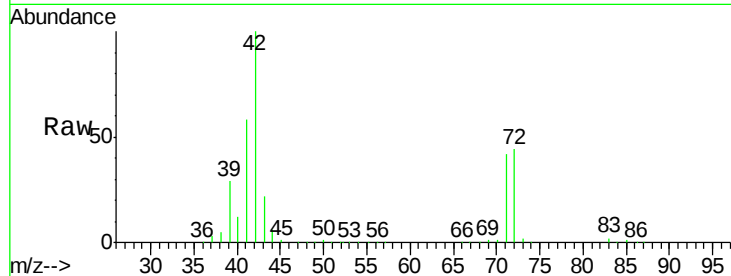
#29
Tetrahydrofuran
Concen: 309.88 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Instrument :
MSVOA_X
ClientSampled :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.8	37.3	55.9
71	43.4	35.0	52.4

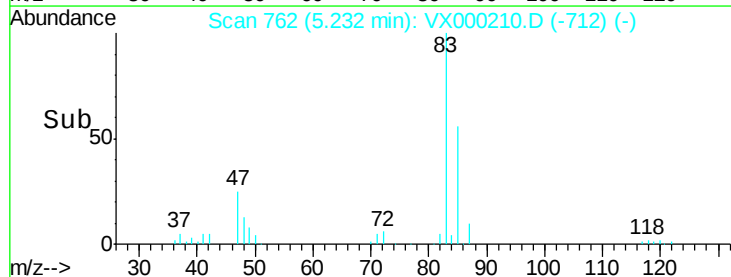
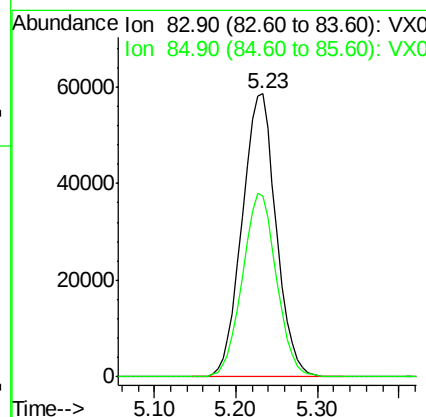
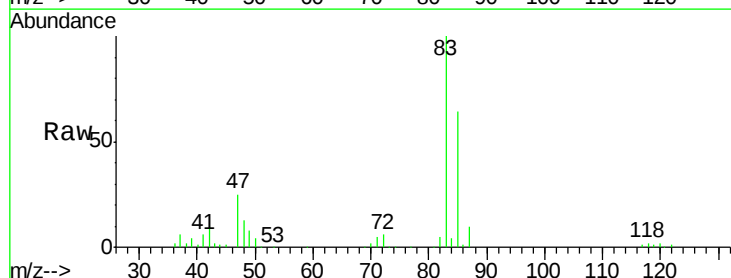
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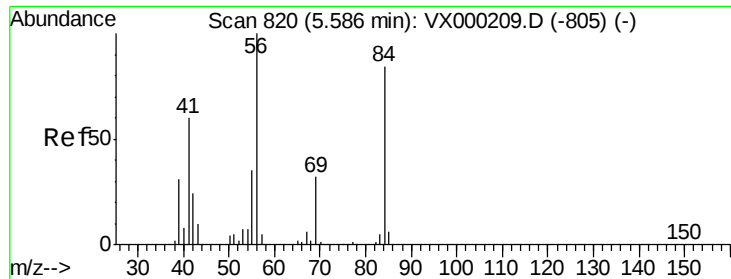
apatel
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#30
Chloroform
Concen: 59.75 ug/l
RT: 5.23 min Scan# 762
Delta R.T. 0.01 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.0	76.6





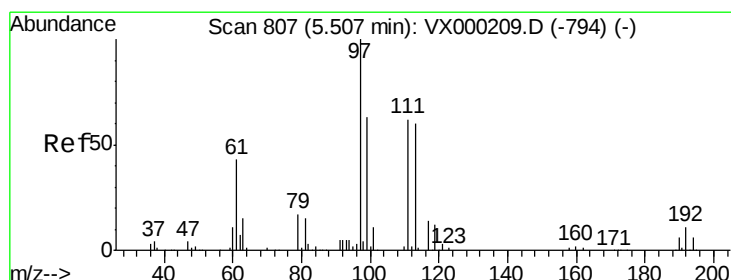
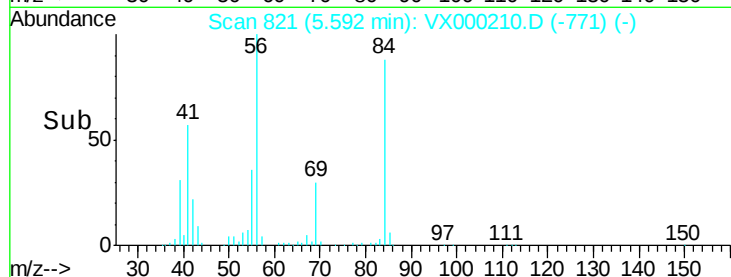
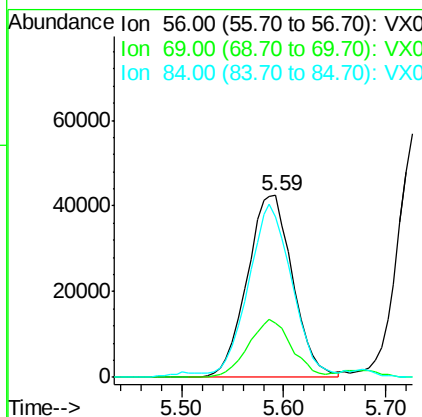
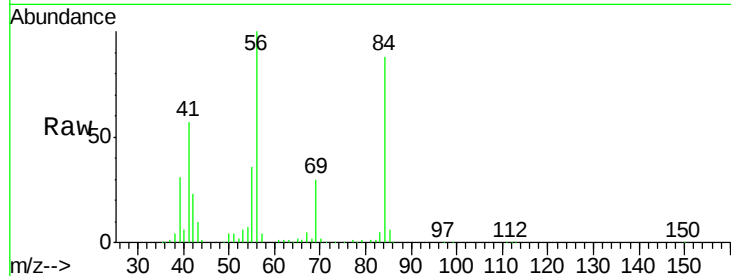
#31
Cyclohexane
Concen: 56.86 ug/l
RT: 5.59 min Scan# 821
Delta R.T. 0.01 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.5	25.3	37.9
84	85.5	67.2	100.8

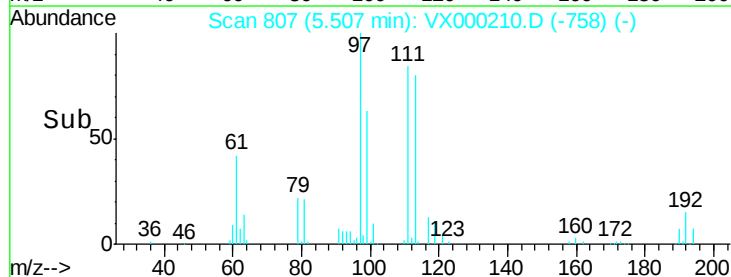
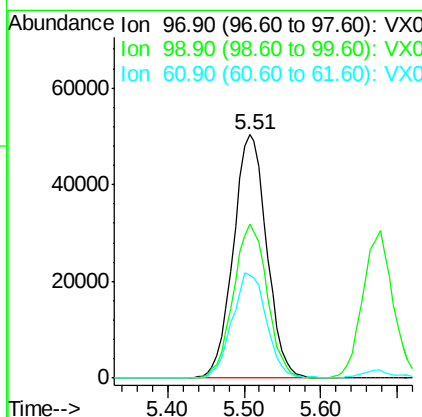
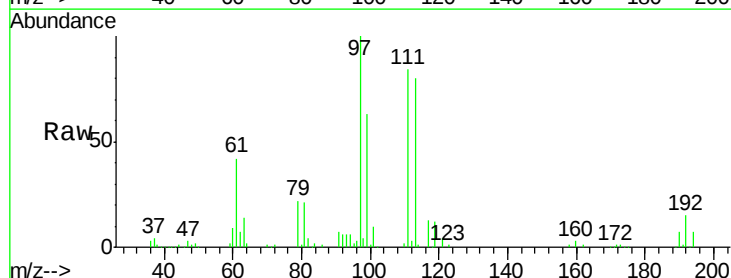
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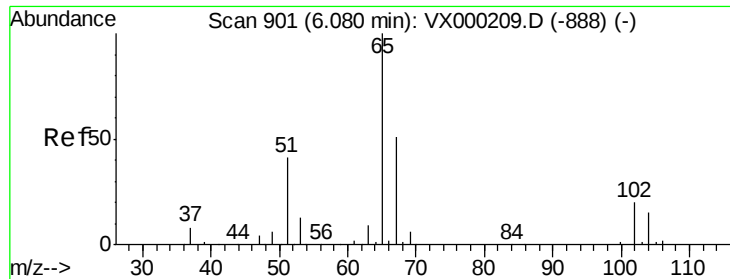
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#32
1,1,1-Trichloroethane
Concen: 58.71 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	50.9	76.3
61	44.2	35.4	53.0





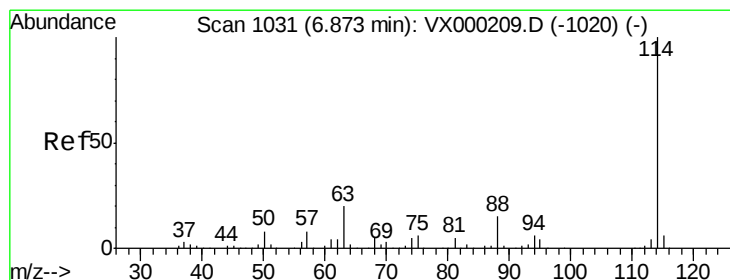
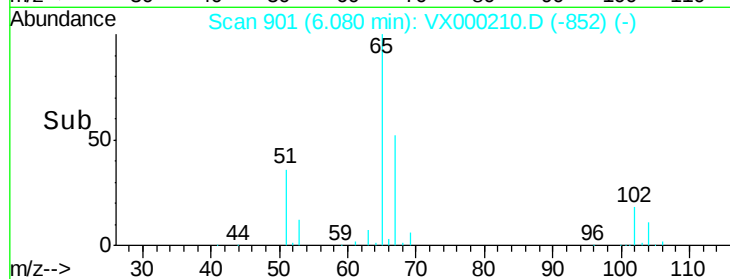
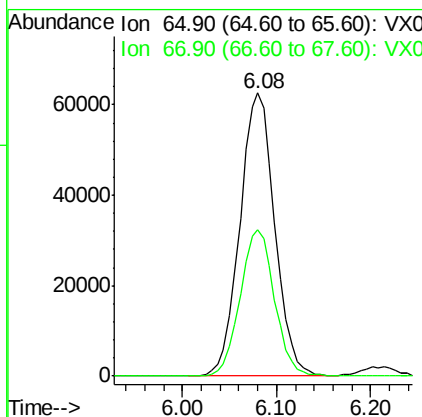
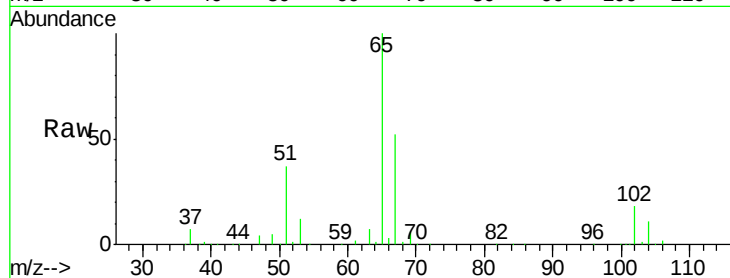
#33
 1,2-Dichloroethane-d4
 Concen: 86.02 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000210.D
 Acq: 07 Mar 2018 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
65	100	161605		
67	51.1	0.0	103.4	

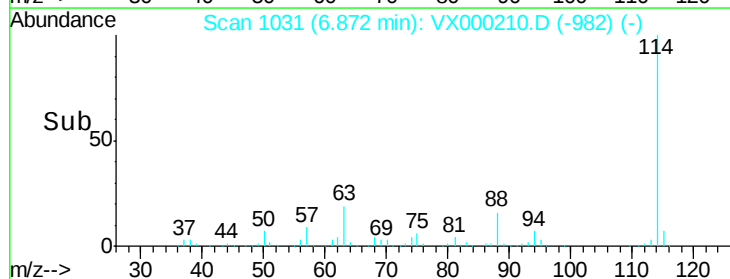
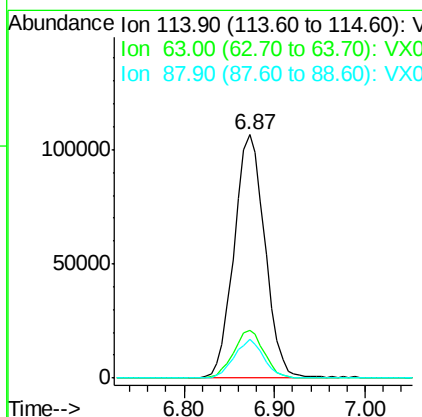
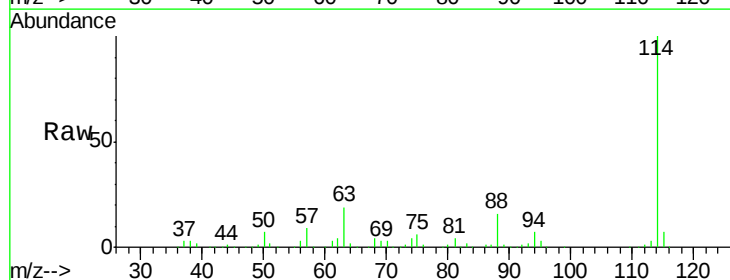
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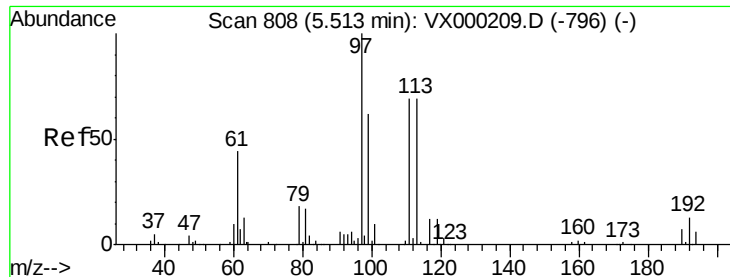
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000210.D
 Acq: 07 Mar 2018 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	251556		
63	19.4	0.0	39.2	
88	15.7	0.0	29.8	





#35

Dibromofluoromethane

Concen: 79.83 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

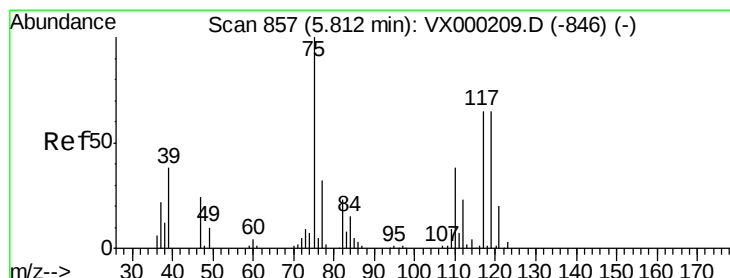
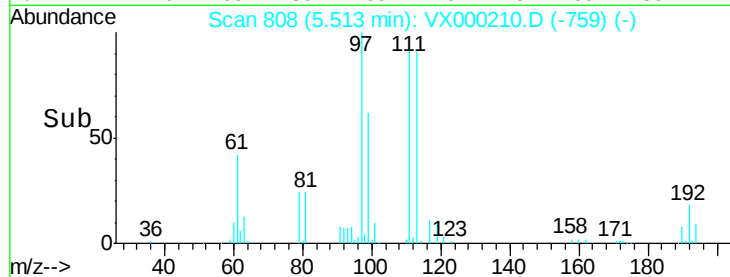
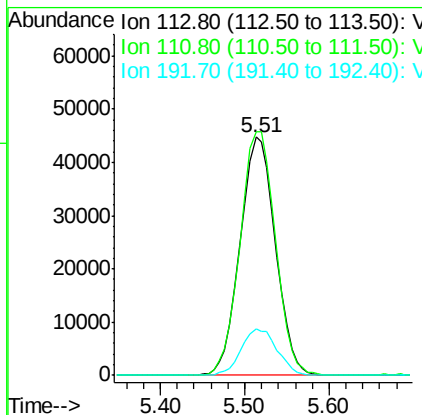
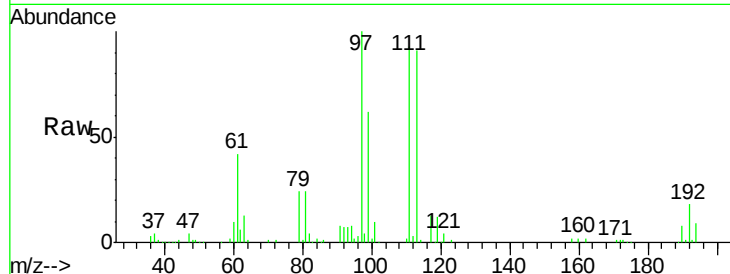
ClientSampled :

VSTDIC075

Tot Ion:	113	Resp:	127193
Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.0	124.6
192	19.7	15.5	23.3

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#36

1,1-Dichloropropene

Concen: 54.55 ug/l

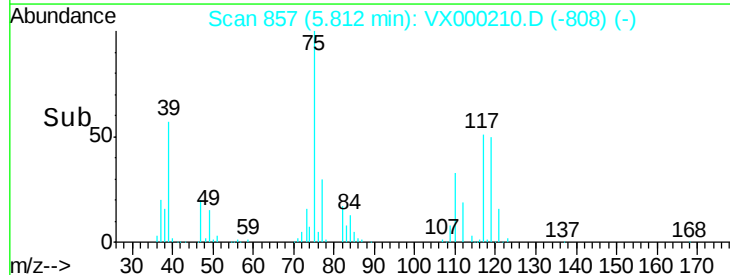
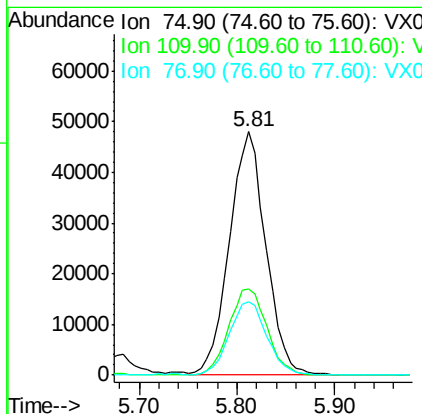
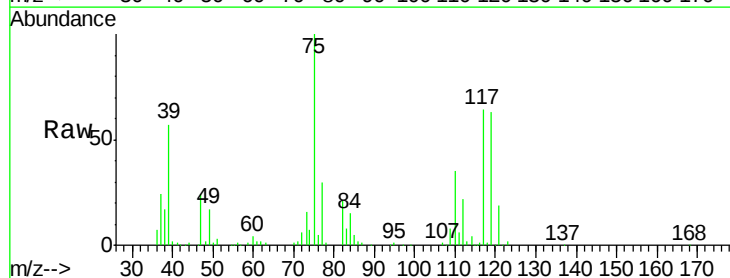
RT: 5.81 min Scan# 857

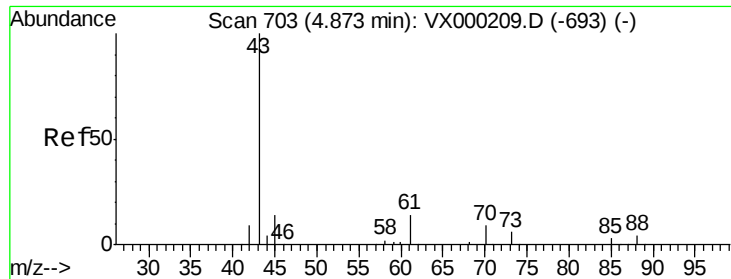
Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Tgt Ion:	75	Resp:	123396
Ion	Ratio	Lower	Upper
75	100		
110	37.4	17.8	53.5
77	31.4	24.9	37.3





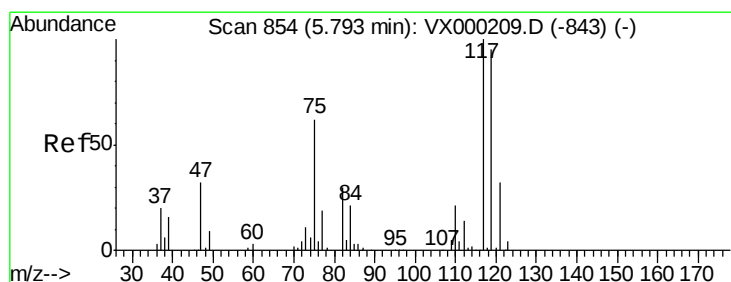
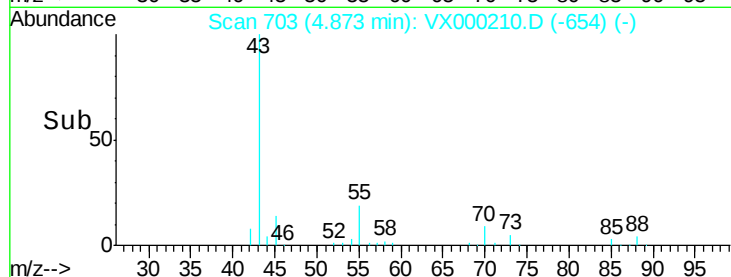
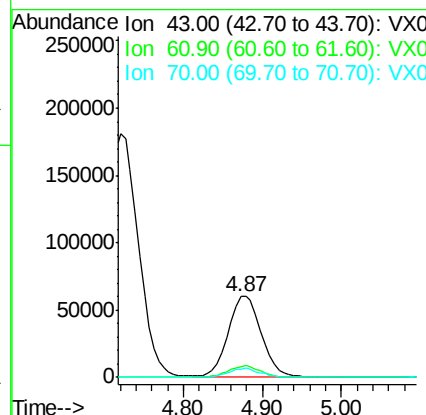
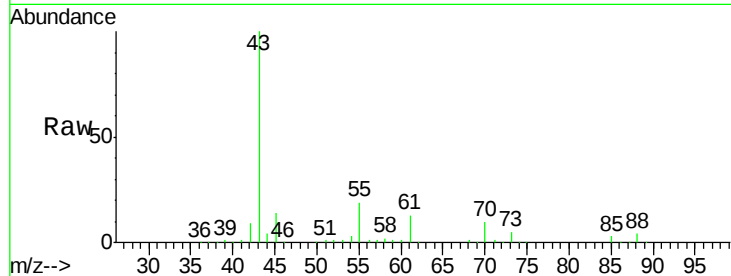
#37
Ethyl Acetate
Concen: 56.81 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Instrument :
MSVOA_X
ClientSampled :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.0	16.6
70	10.1	7.8	11.6

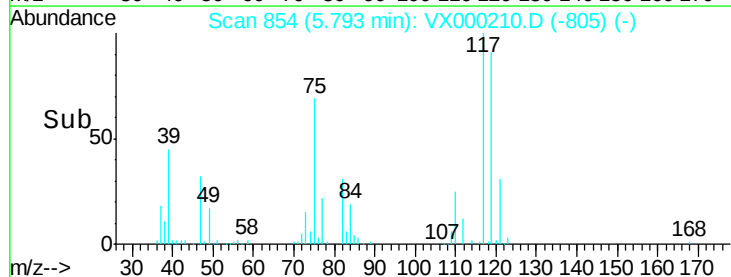
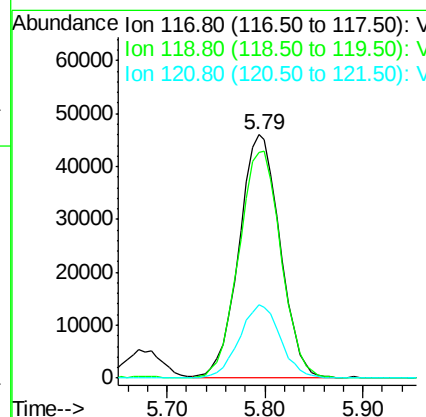
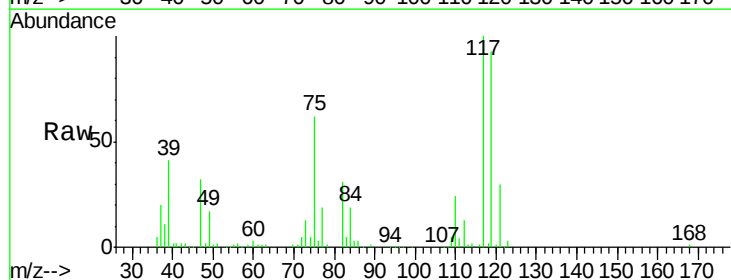
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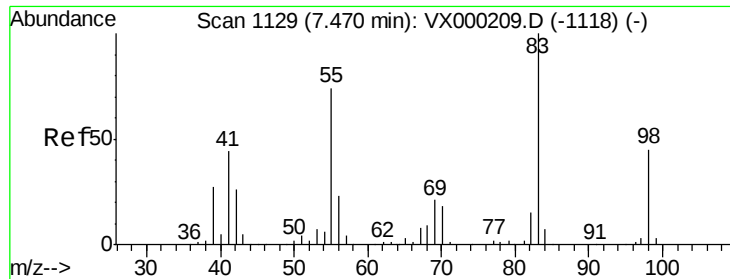
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#38
Carbon Tetrachloride
Concen: 55.54 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.4	75.9	113.9
121	30.3	25.8	38.6





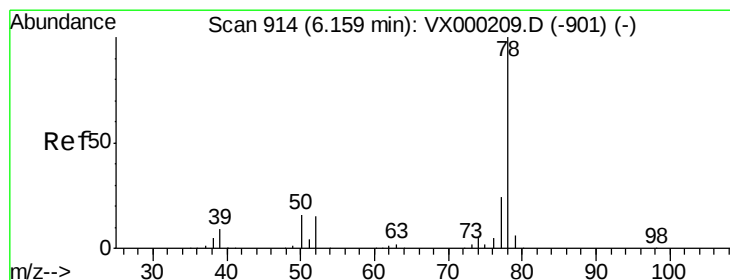
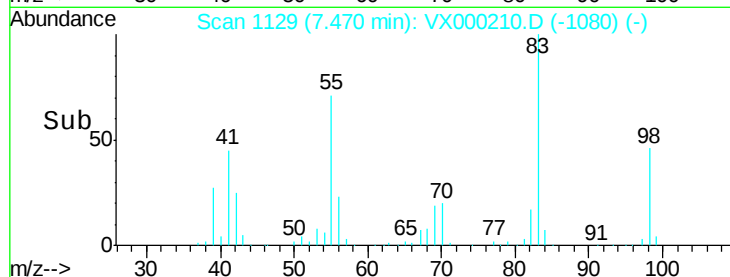
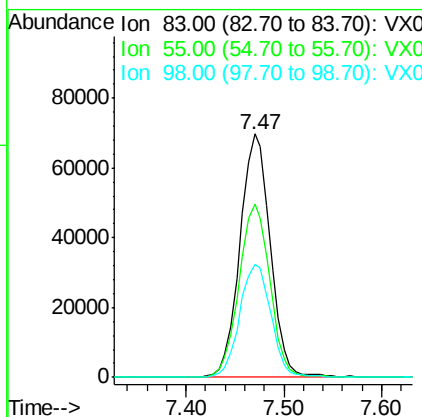
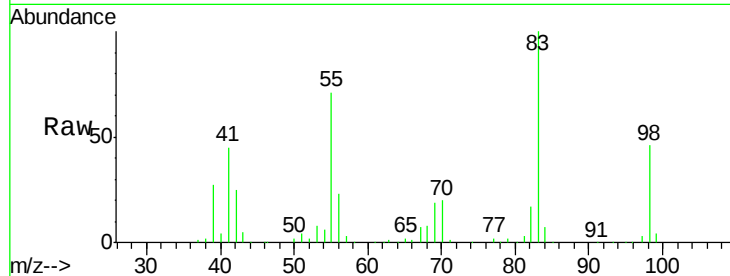
#39
Methvlcvclohexane
Concen: 55.18 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Instrument :
MSVOA_X
ClientSampled :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.1	59.4	89.0
98	46.3	36.3	54.5

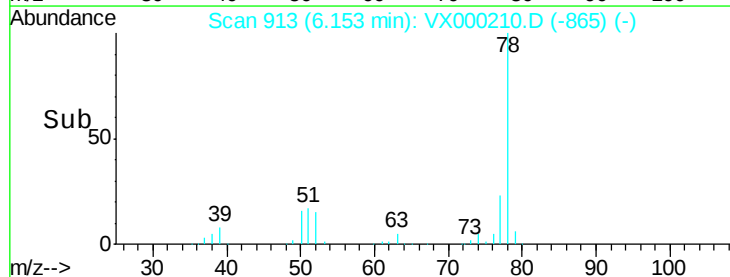
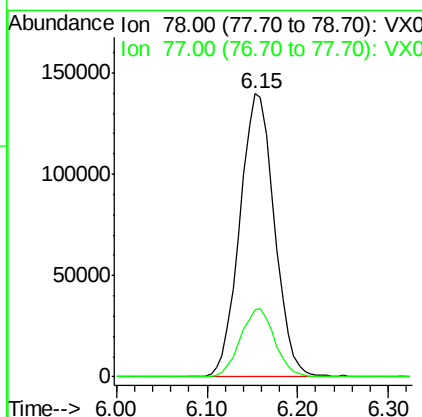
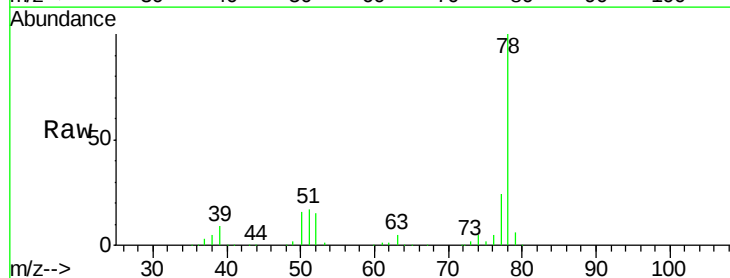
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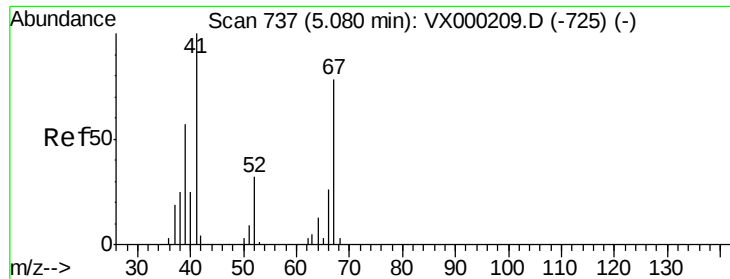
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#40
Benzene
Concen: 57.10 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.01 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.4	29.2





#41

Methacrylonitrile

Concen: 55.73 ug/l

RT: 5.07 min Scan# 736

Delta R.T. -0.01 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

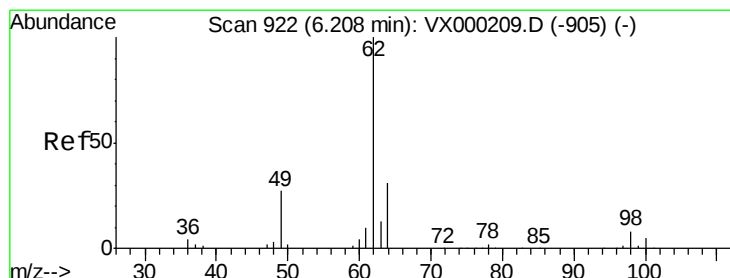
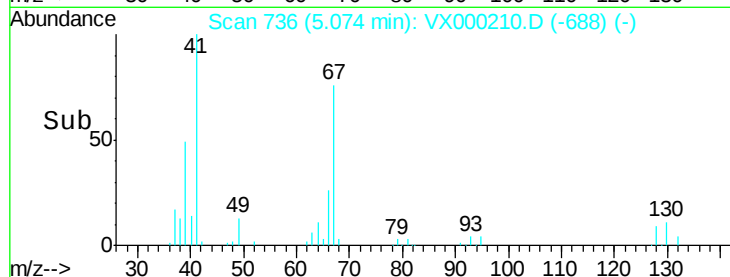
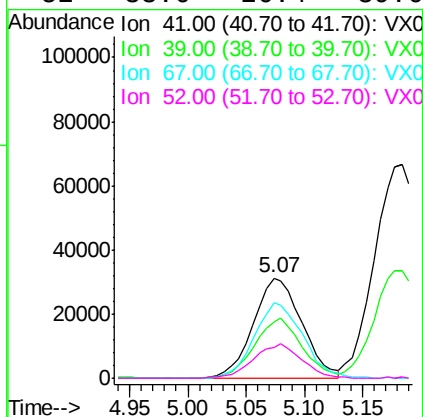
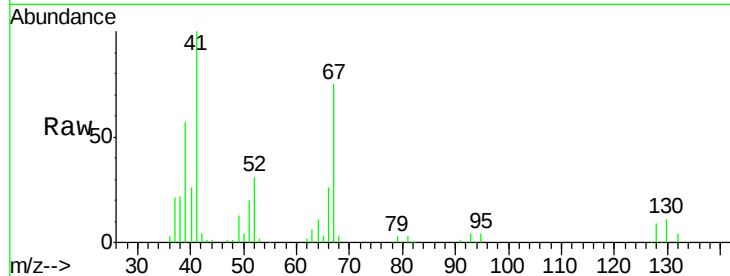
ClientSampled :

VSTDIC075

Tot Ion:	41	Resp:	90859
Ion	Ratio	Lower	Upper
41	100		
39	58.1	47.8	71.6
67	74.9	59.3	88.9
52	33.6	26.4	39.6

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 59.97 ug/l

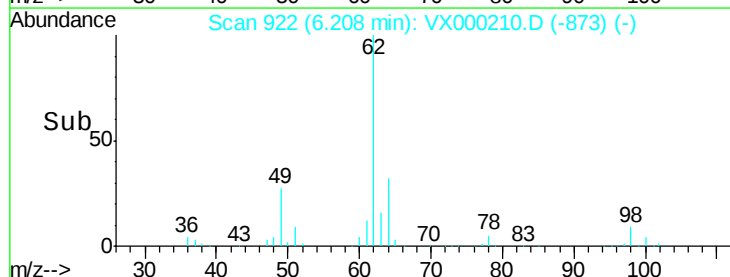
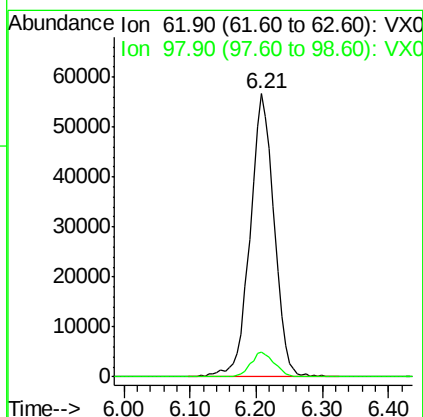
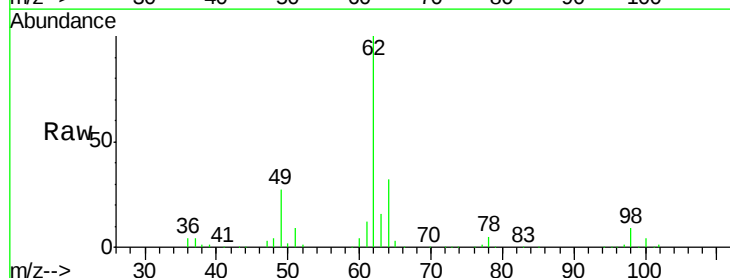
RT: 6.21 min Scan# 922

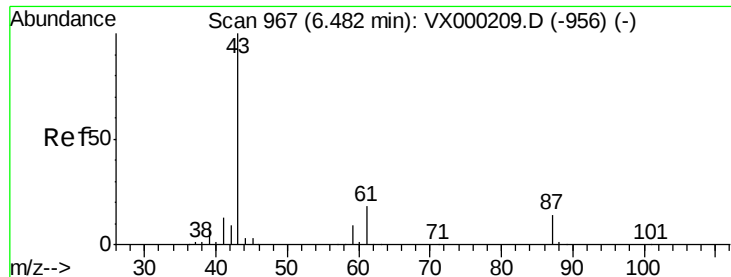
Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Tgt Ion:	62	Resp:	143862
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.2





#43

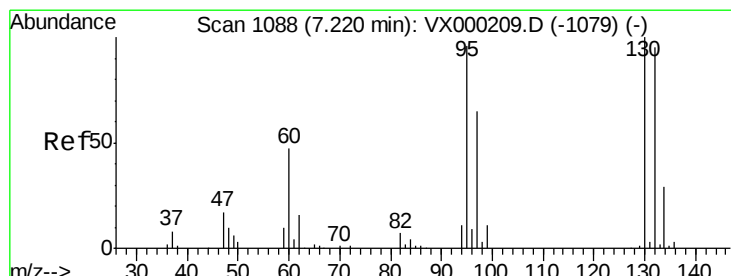
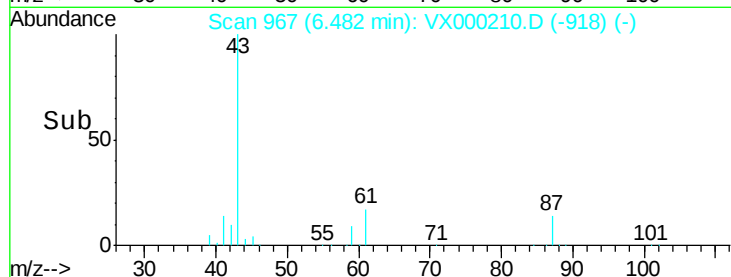
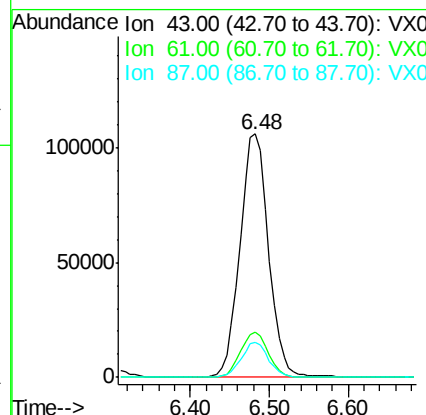
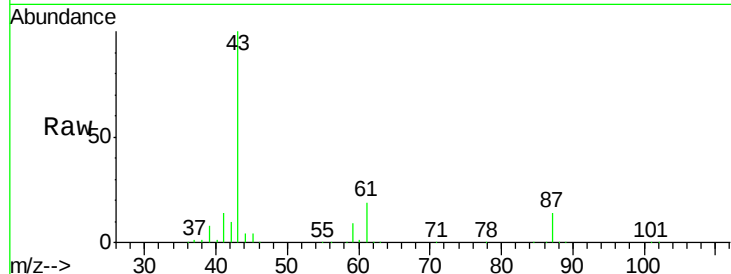
Isopropyl Acetate
 Concen: 58.93 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: VX000210.D
 Acq: 07 Mar 2018 13:52

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.3	14.8	22.2
87	13.7	10.6	16.0

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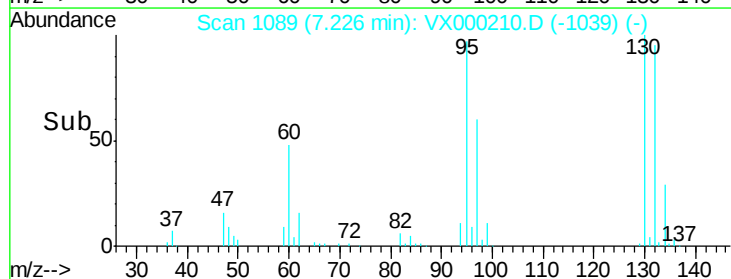
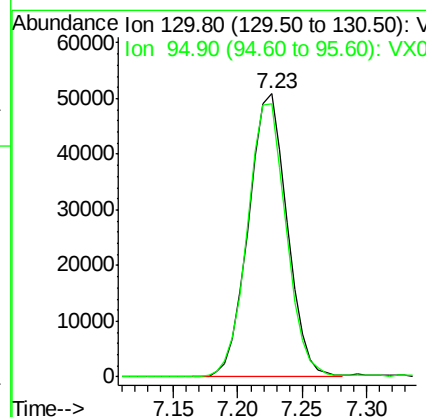
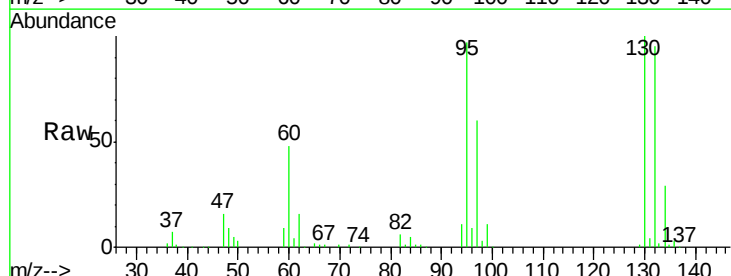
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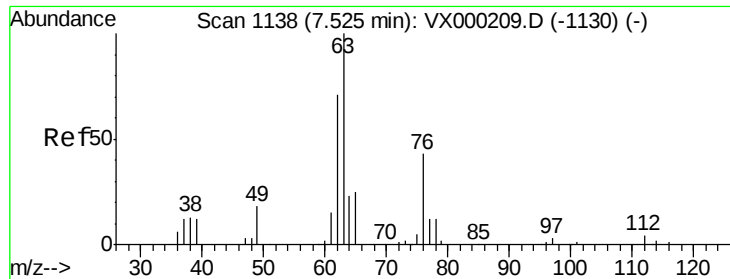


#44

Trichloroethene
 Concen: 55.66 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: VX000210.D
 Acq: 07 Mar 2018 13:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.6	0.0	191.8





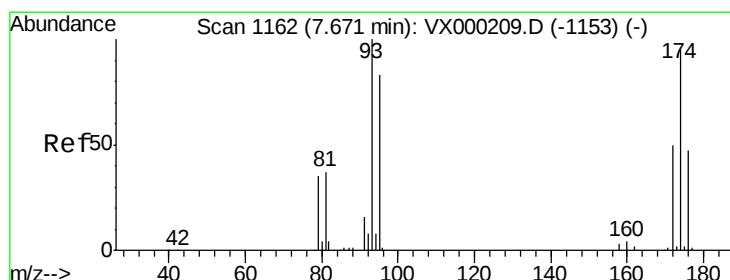
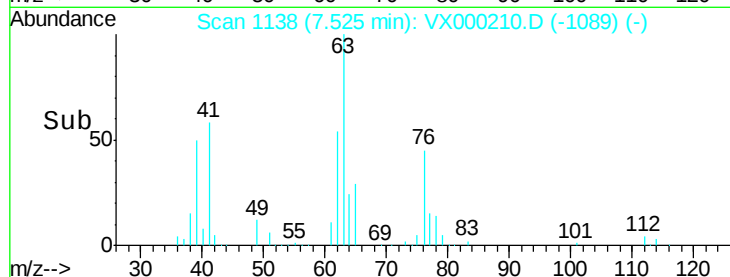
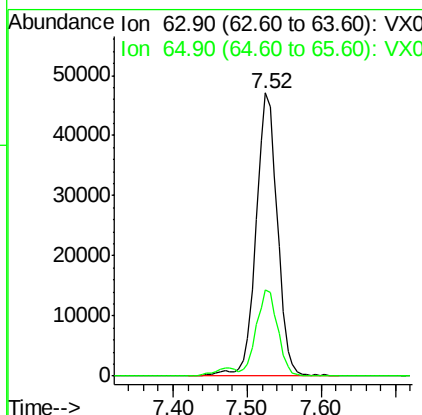
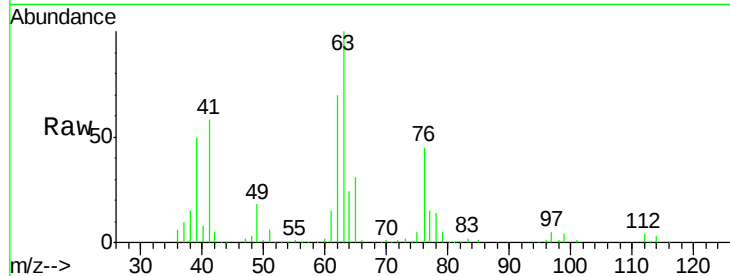
#45
 1,2-Dichloropropane
 Concen: 59.59 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000210.D
 Acq: 07 Mar 2018 13:52

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC075

Tot Ion: 63 Resp: 94986
 Ion Ratio Lower Upper
 63 100
 65 30.7 22.3 33.5

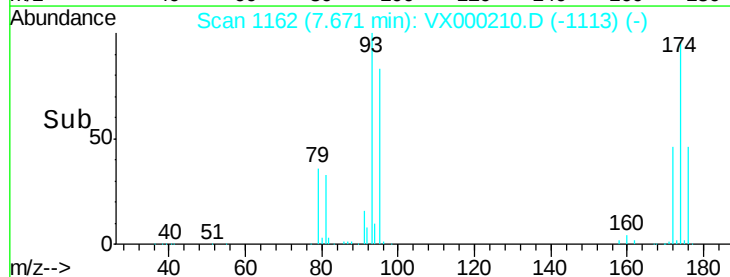
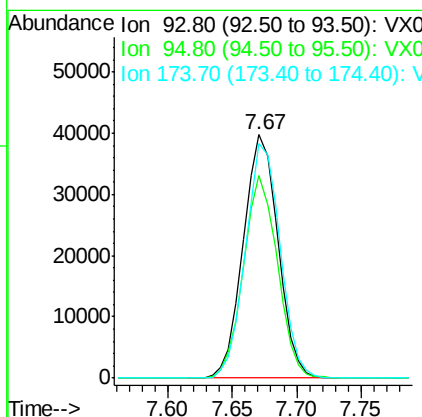
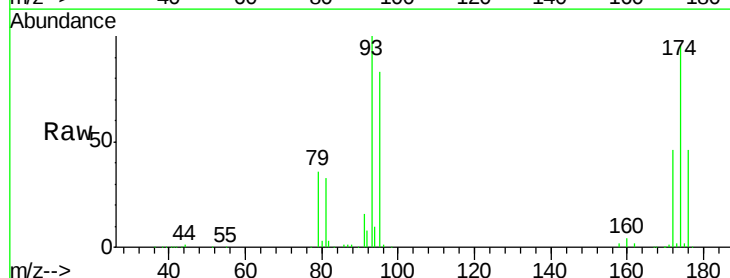
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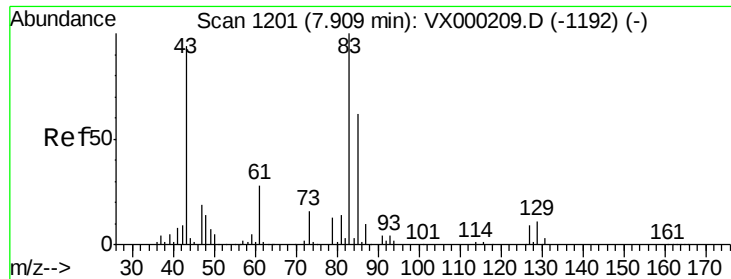
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#46
 Dibromomethane
 Concen: 59.62 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000210.D
 Acq: 07 Mar 2018 13:52

Tgt Ion: 93 Resp: 74196
 Ion Ratio Lower Upper
 93 100
 95 81.5 64.1 96.1
 174 96.0 75.8 113.8





#47

Bromodichloromethane

Concen: 60.05 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

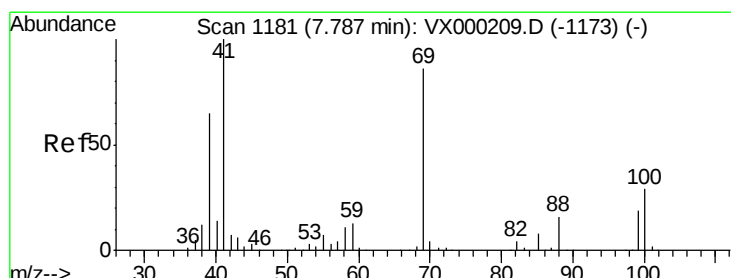
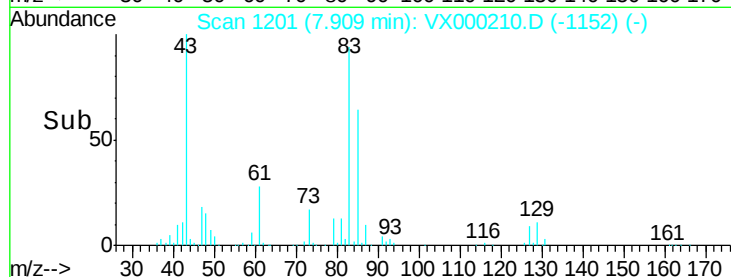
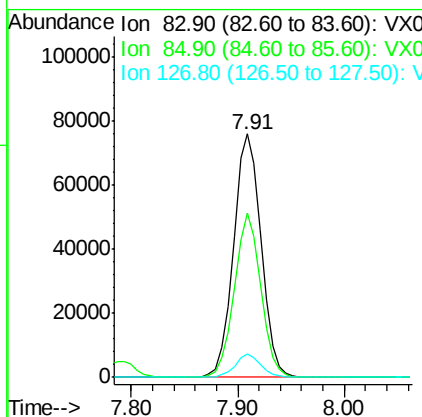
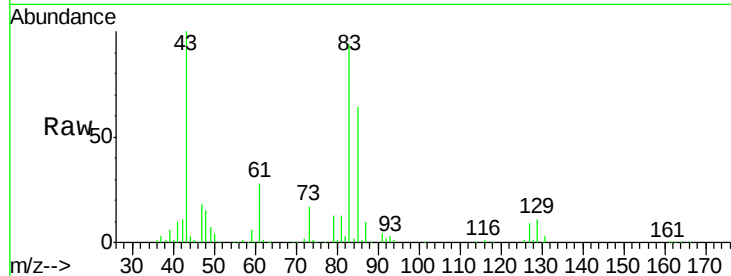
ClientSampled :

VSTDIC075

Tot Ion:	83	Resp:	137718
Ion	Ratio	Lower	Upper
83	100		
85	67.7	49.6	74.4
127	9.5	7.0	10.4

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#48

Methyl methacrylate

Concen: 59.17 ug/l

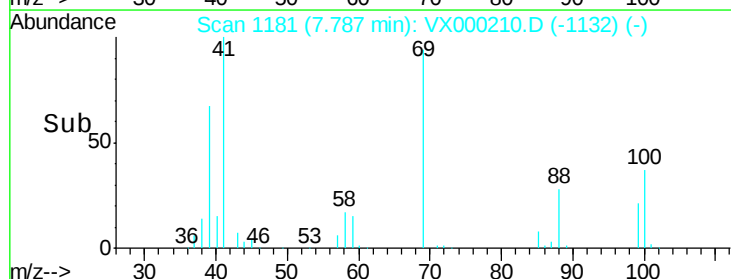
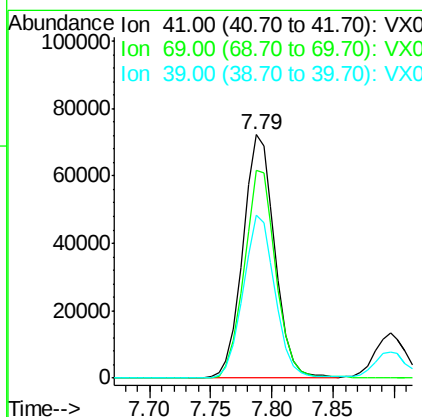
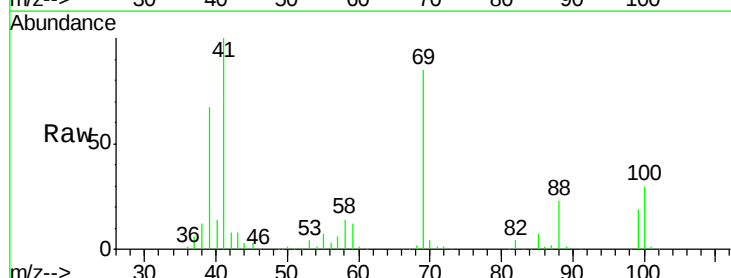
RT: 7.79 min Scan# 1181

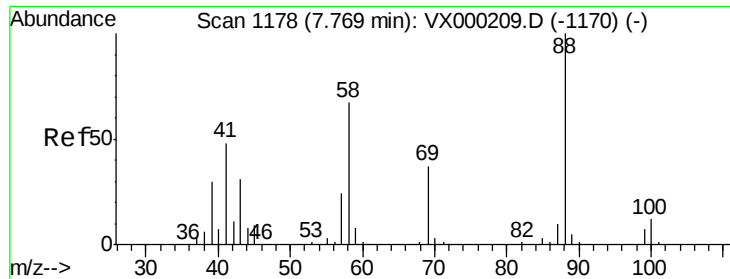
Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Tgt Ion:	41	Resp:	130698
Ion	Ratio	Lower	Upper
41	100		
69	84.7	70.0	105.0
39	66.4	53.6	80.4





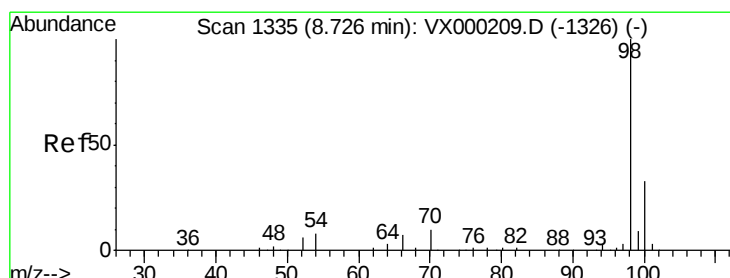
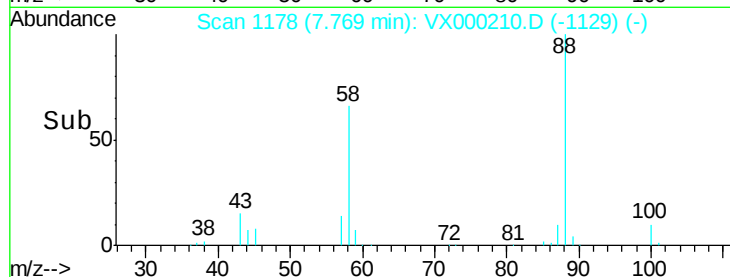
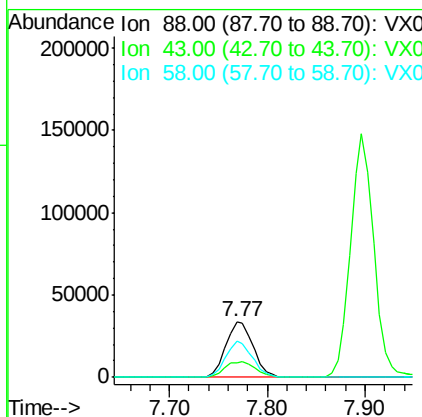
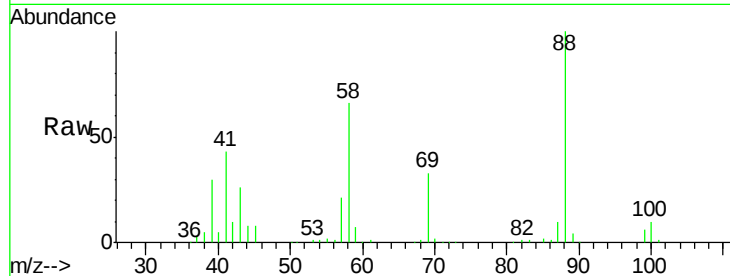
#49
1,4-Dioxane
Concen: 1154.80 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.4	26.9	40.3
58	63.7	52.2	78.4

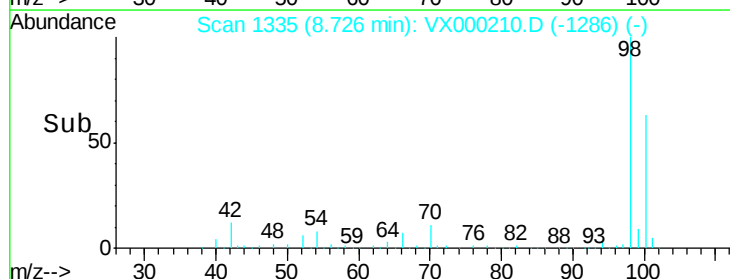
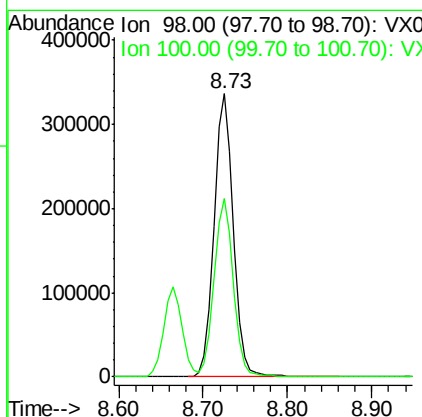
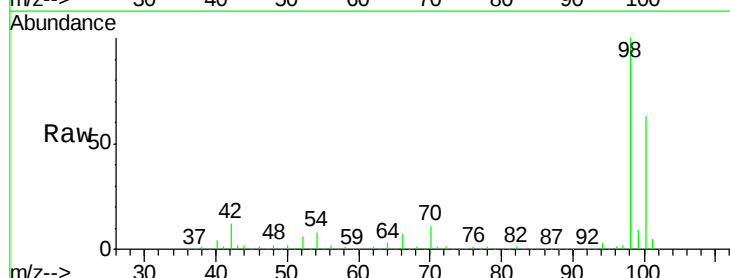
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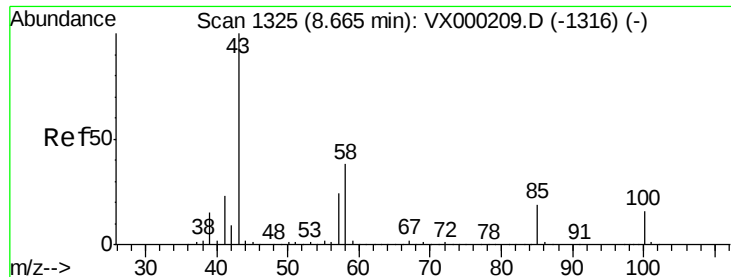
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#50
Toluene-d8
Concen: 83.39 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.7	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 313.99 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC075

Tot Ion: 43 Resp: 1046757

Ion Ratio Lower Upper

43 100

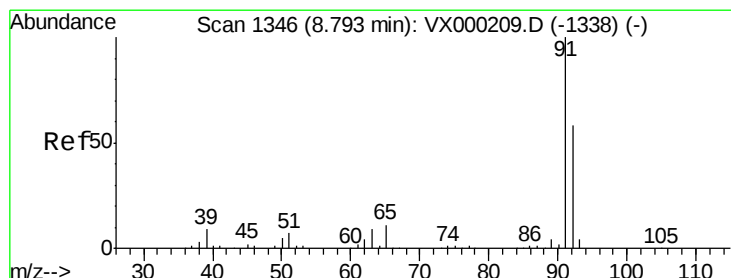
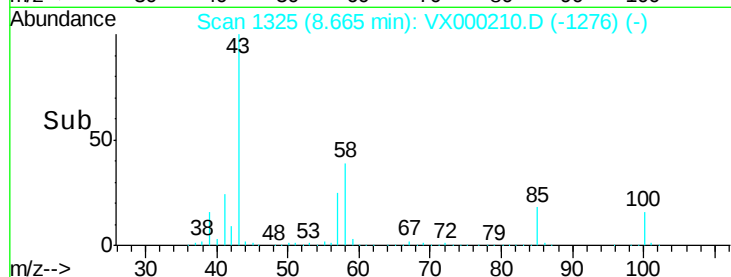
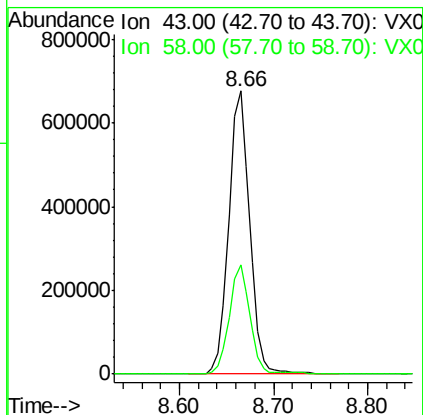
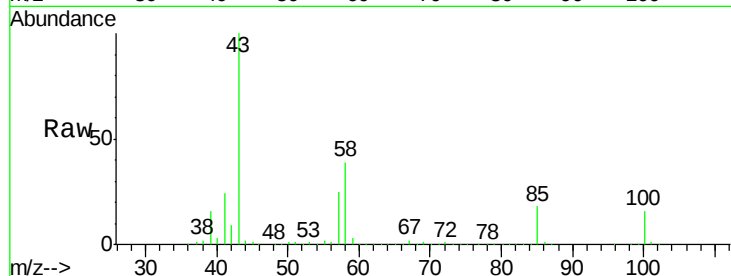
58 37.6 30.2 45.2

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#52

Toluene

Concen: 59.24 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000210.D

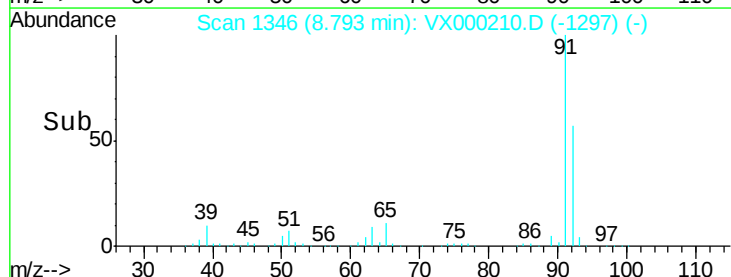
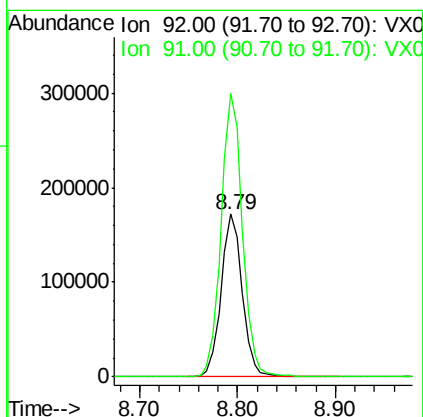
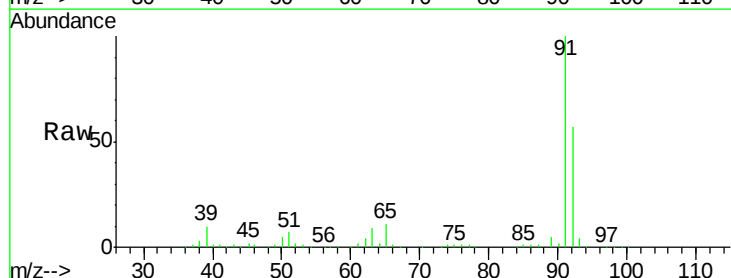
Acq: 07 Mar 2018 13:52

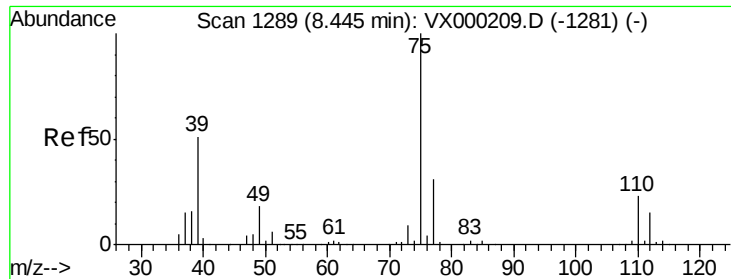
Tgt Ion: 92 Resp: 257991

Ion Ratio Lower Upper

92 100

91 175.6 139.0 208.6





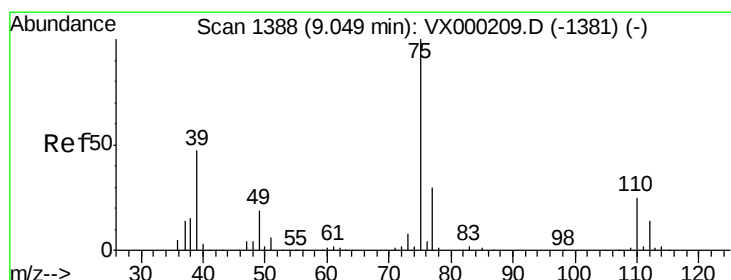
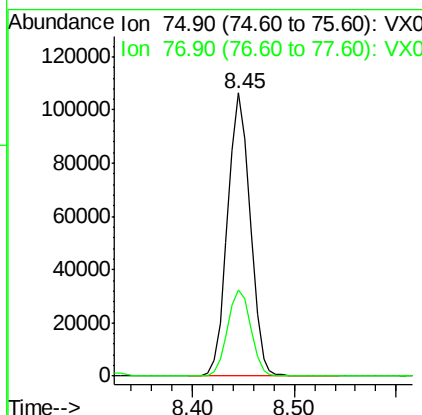
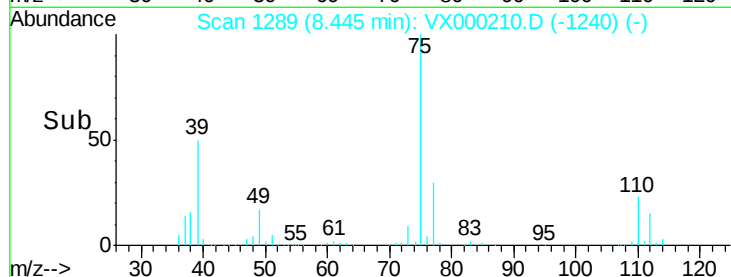
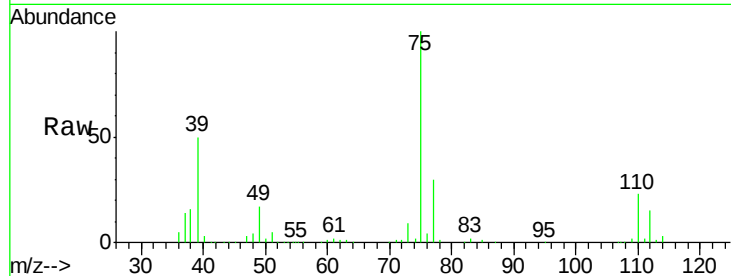
#53
 t-1,3-Dichloropropene
 Concen: 60.53 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX000210.D
 Acq: 07 Mar 2018 13:52

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC075

Tot Ion: 75 Resp: 163139
 Ion Ratio Lower Upper
 75 100
 77 30.3 24.8 37.2

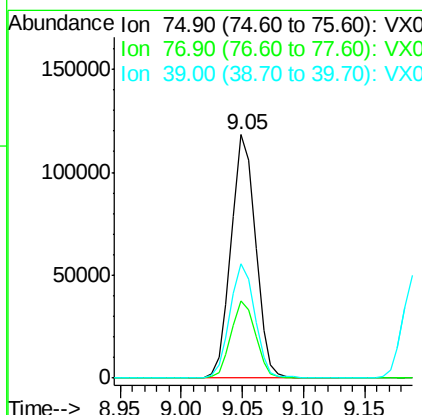
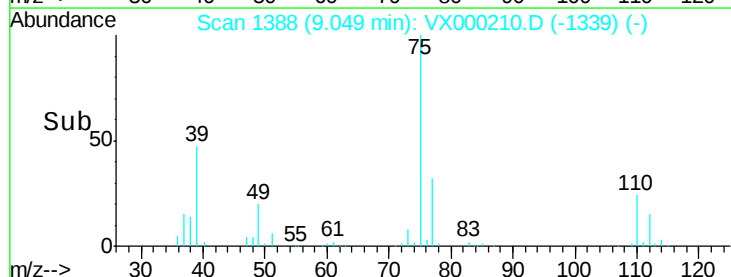
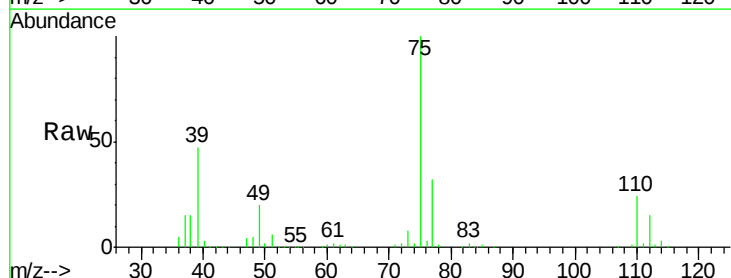
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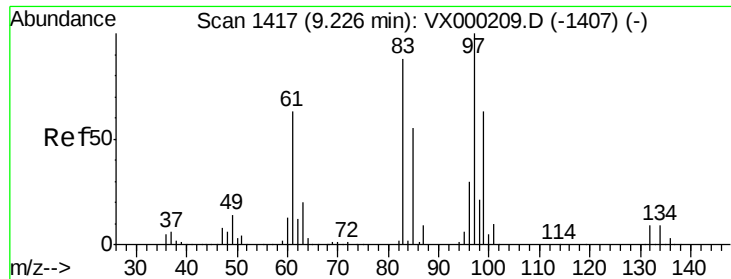
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#54
 cis-1,3-Dichloropropene
 Concen: 61.16 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX000210.D
 Acq: 07 Mar 2018 13:52

Tgt Ion: 75 Resp: 163623
 Ion Ratio Lower Upper
 75 100
 77 31.7 23.9 35.9
 39 46.9 37.4 56.2





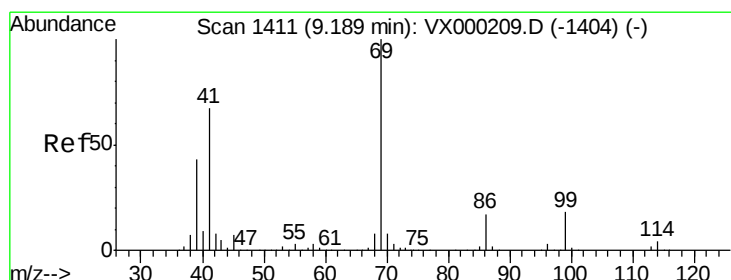
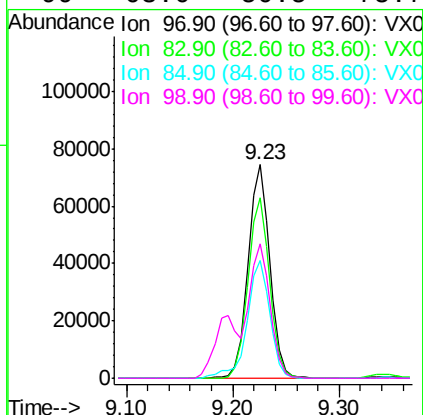
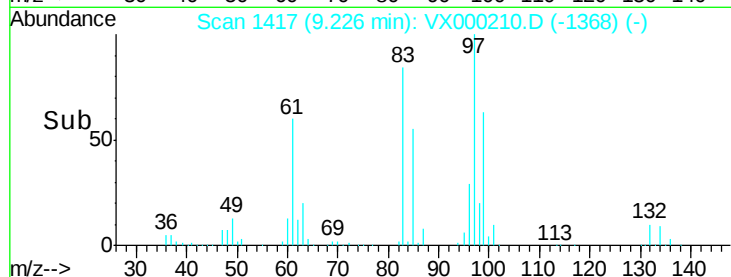
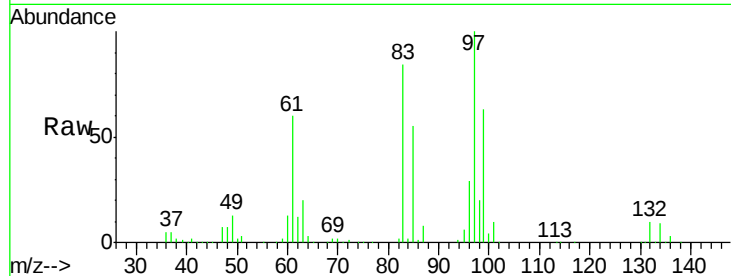
#55
1,1,2-Trichloroethane
Concen: 59.47 ug/l
RT: 9.23 min Scan# 1417
Delta R.T. -0.00 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Instrument :
MSVOA_X
ClientSampled :
VSTDIC075

Tot Ion	97	Resp	106583
Ion	Ratio	Lower	Upper
97	100		
83	84.3	70.4	105.6
85	55.1	43.9	65.9
99	63.0	50.5	75.7

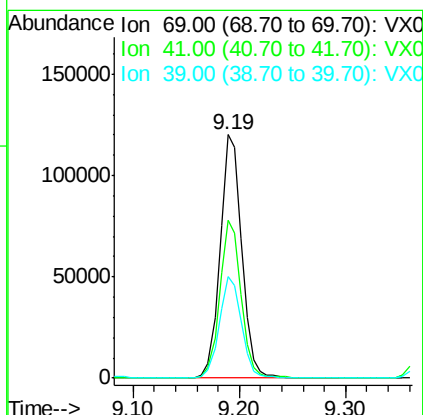
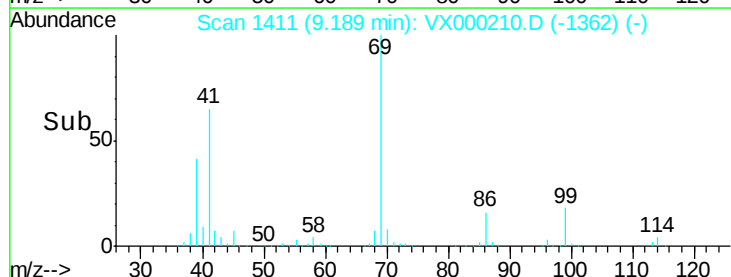
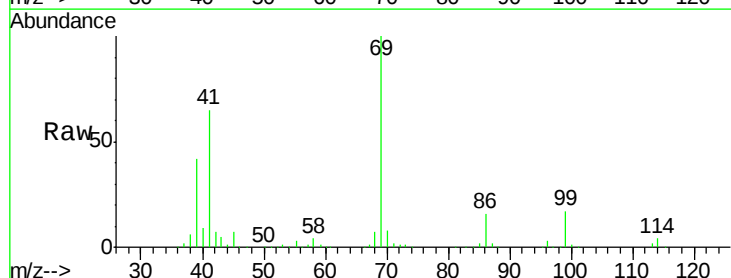
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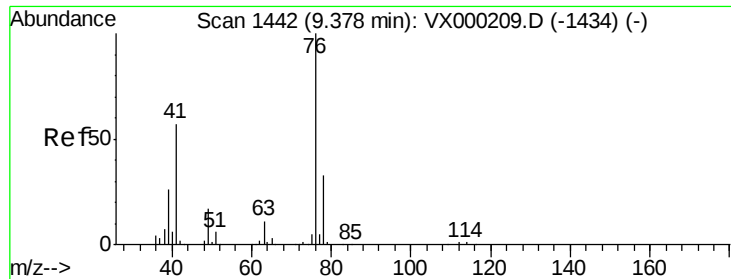
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#56
Ethyl methacrylate
Concen: 61.76 ug/l
RT: 9.19 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Tgt Ion	69	Resp	170218
Ion	Ratio	Lower	Upper
69	100		
41	64.2	52.2	78.2
39	42.5	34.3	51.5





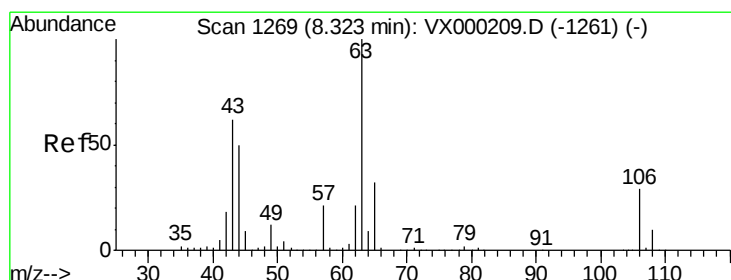
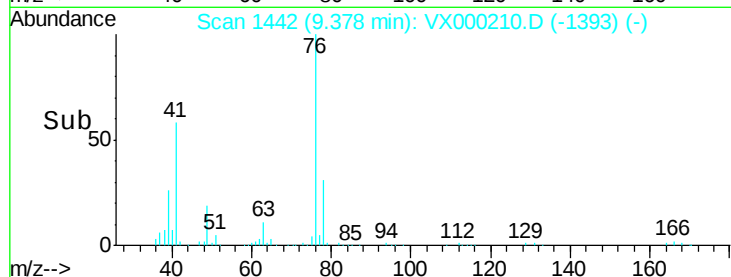
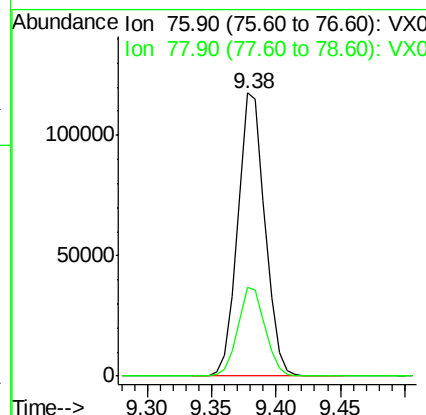
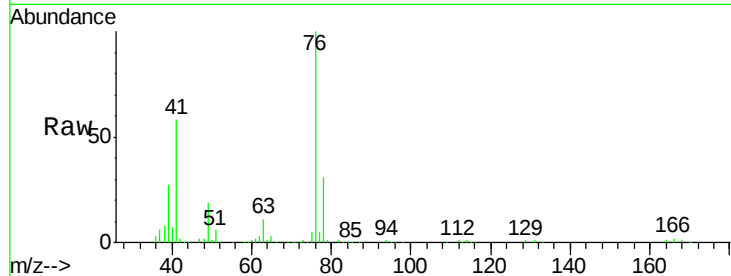
#57
 1,3-Dichloropropane
 Concen: 60.47 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000210.D
 Acq: 07 Mar 2018 13:52

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC075

Tot Ion: 76 Resp: 172569
 Ion Ratio Lower Upper
 76 100
 78 31.7 26.2 39.2

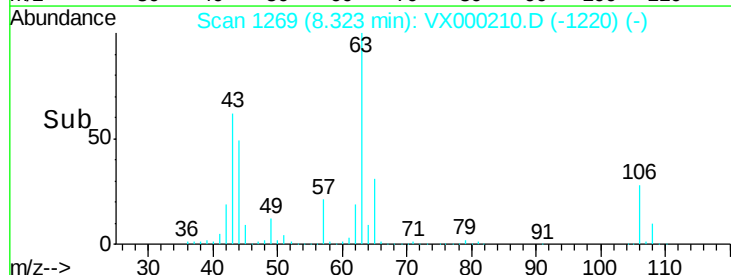
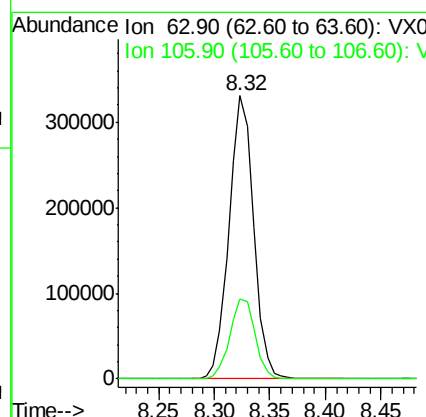
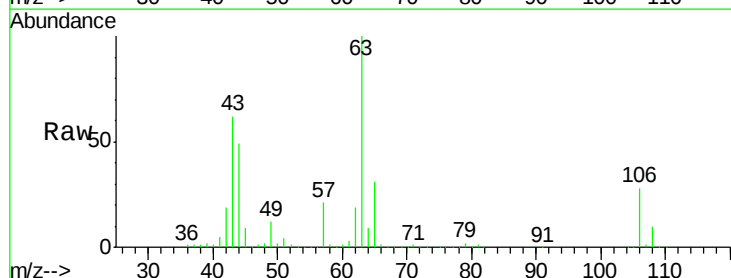
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#58
 2-Chloroethyl Vinyl ether
 Concen: 363.69 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000210.D
 Acq: 07 Mar 2018 13:52

Tgt Ion: 63 Resp: 505749
 Ion Ratio Lower Upper
 63 100
 106 29.3 23.2 34.8





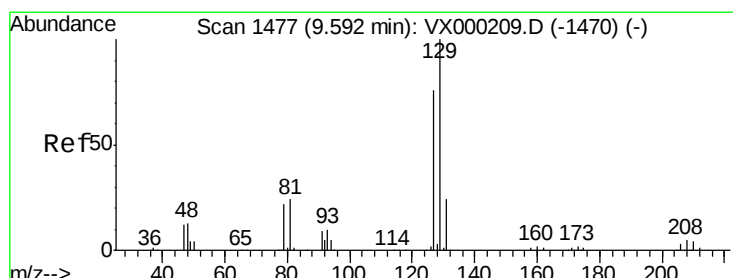
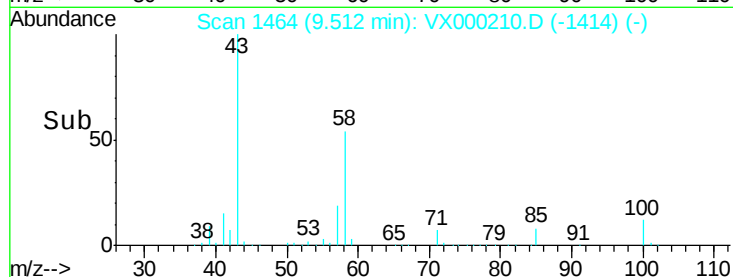
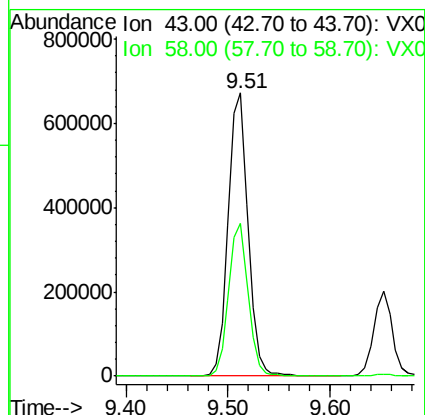
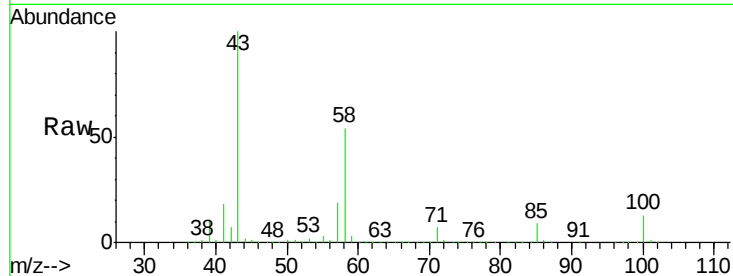
#59
2-Hexanone
Concen: 319.69 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. 0.01 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC075

Tot Ion: 43 Resp: 904084
Ion Ratio Lower Upper
43 100
58 53.5 26.6 79.7

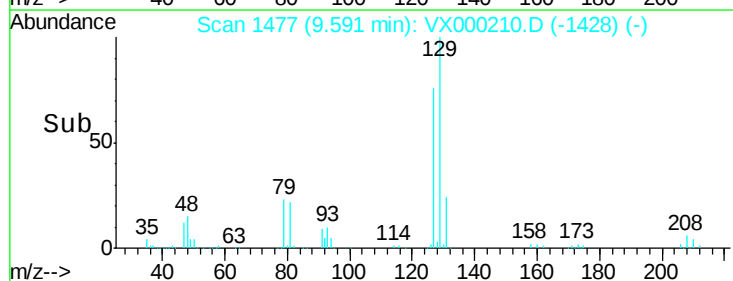
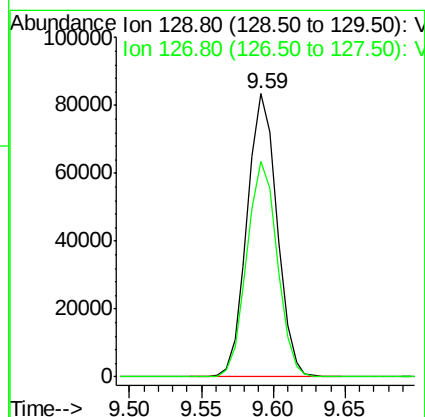
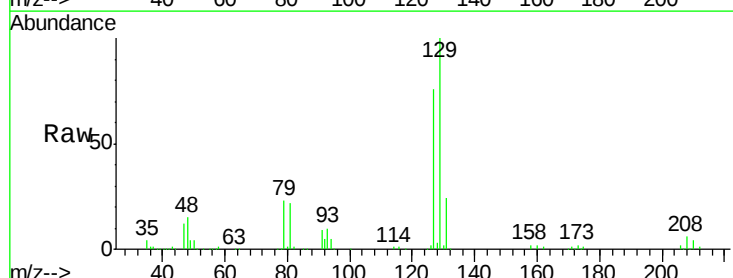
Manual Integrations
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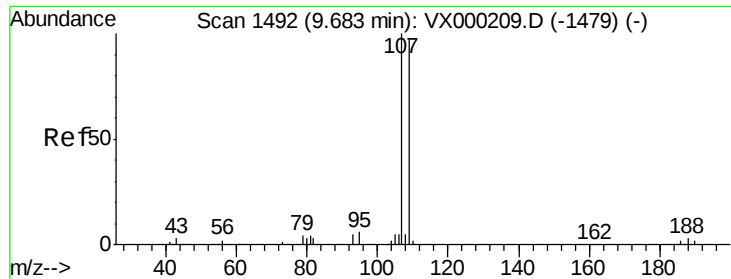
apatel
3/8/2018 10:42:22 AM



#60
Dibromochloromethane
Concen: 59.77 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Tgt Ion: 129 Resp: 120213
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.2





#61

1,2-Dibromoethane

Concen: 59.89 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC075

Tot Ion:107 Resp: 119397

Ion Ratio Lower Upper

107 100

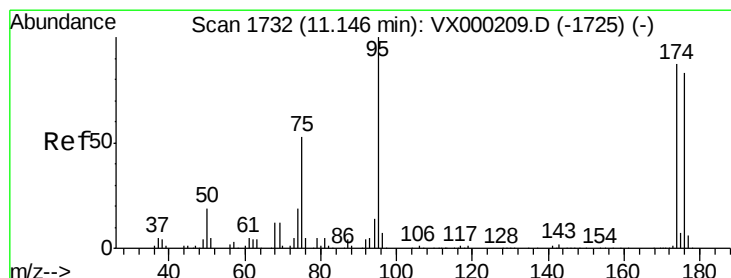
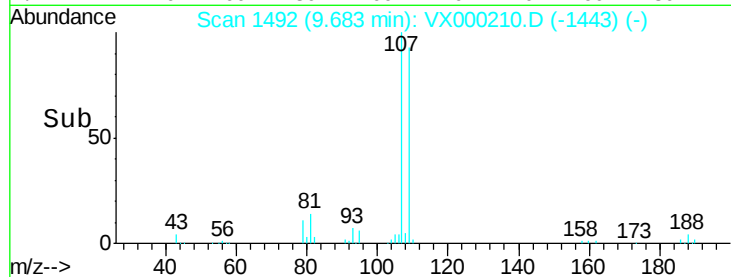
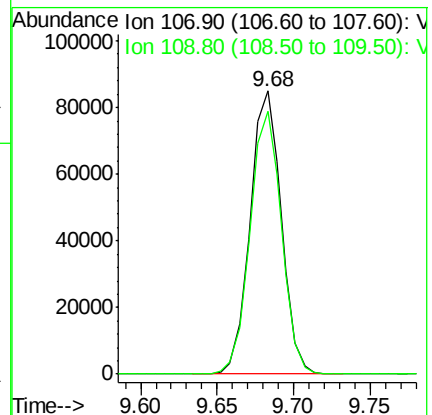
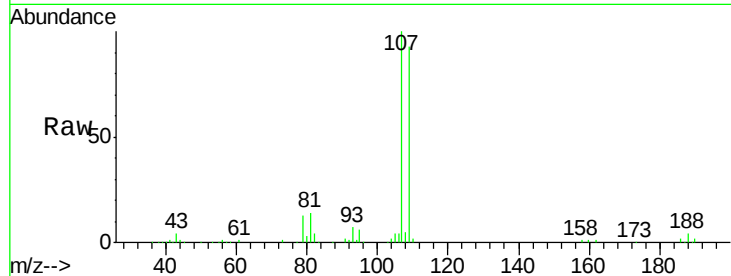
109 94.4 76.8 115.2

Manual Integrations

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apatel

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#62

4-Bromofluorobenzene

Concen: 85.12 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

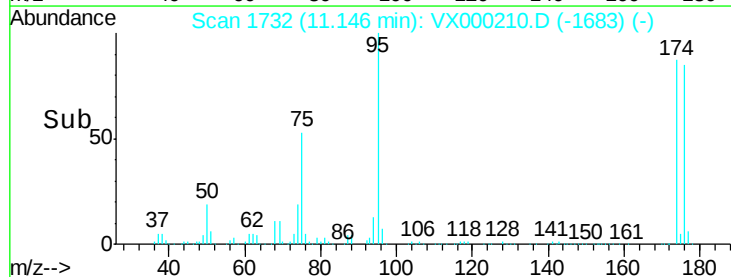
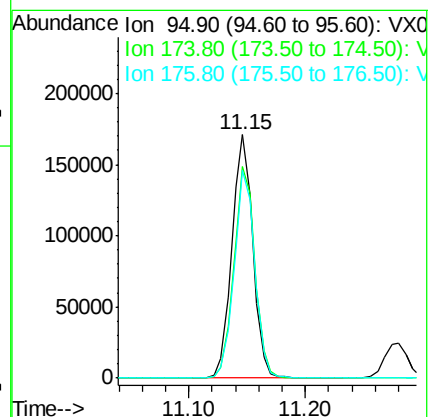
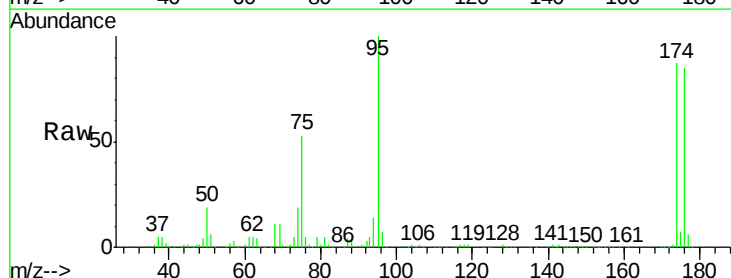
Tgt Ion: 95 Resp: 212570

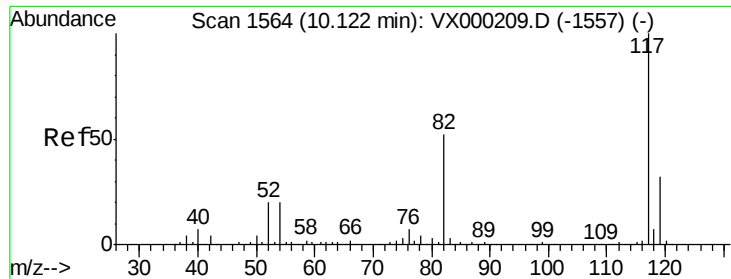
Ion Ratio Lower Upper

95 100

174 87.7 0.0 175.6

176 84.9 0.0 171.0





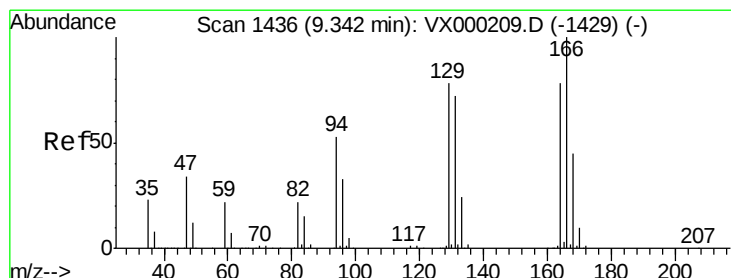
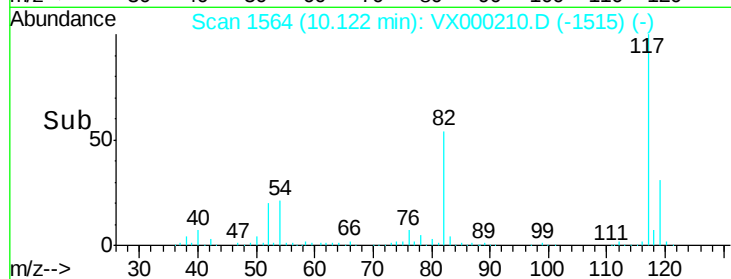
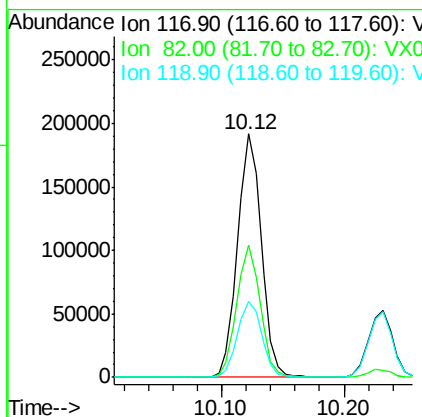
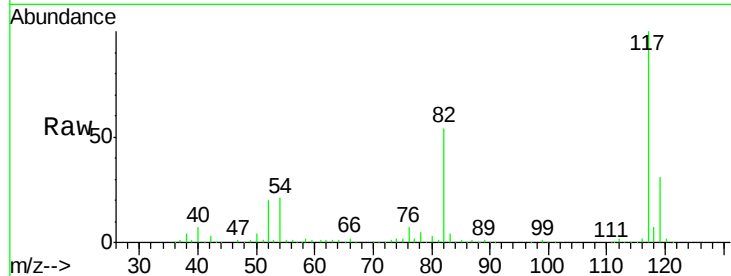
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Instrument :
MSVOA_X
ClientSampled :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	42.0	63.0
119	31.4	25.3	37.9

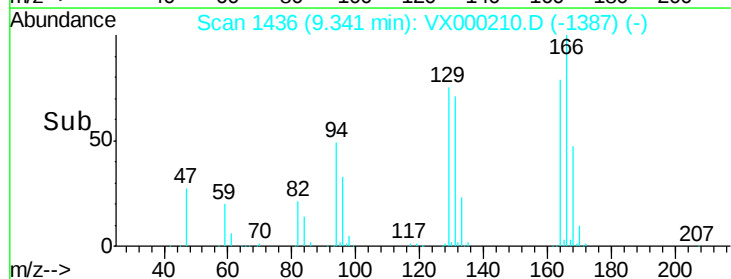
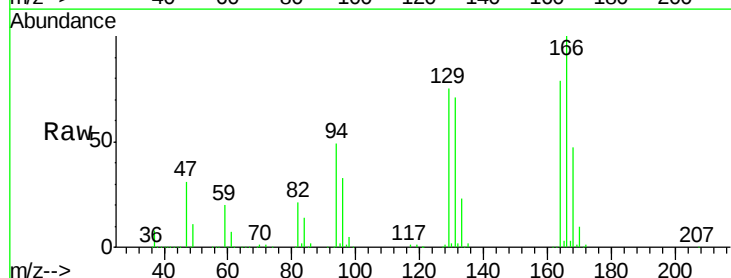
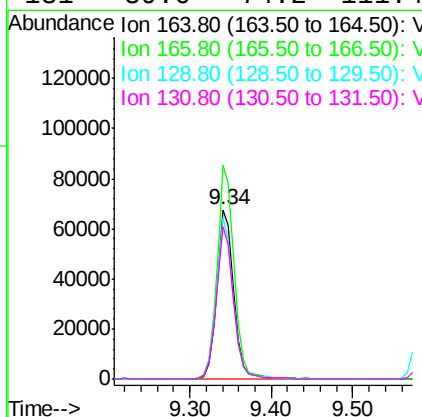
Manual Integrations
APPROVED

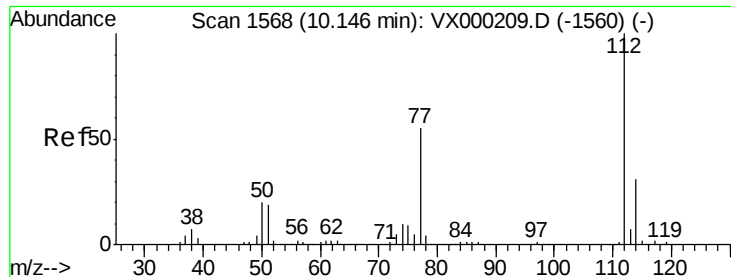
apatel
3/8/2018 10:42:22 AM



#64
Tetrachloroethene
Concen: 53.85 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	103.0	154.6
129	95.1	80.2	120.4
131	89.6	74.2	111.4





#65

Chlorobenzene

Concen: 56.21 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

ClientSampled :

VSTDIC075

Tot Ion:112 Resp: 304731

Ion Ratio Lower Upper

112 100

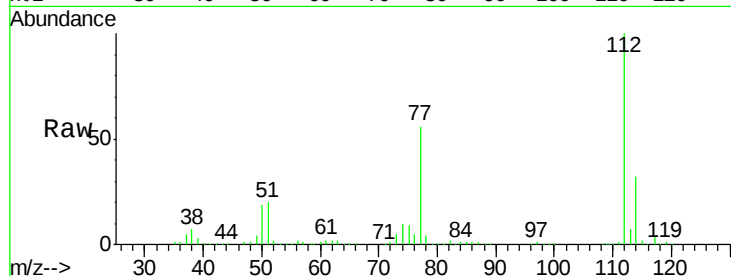
114 32.0 25.0 37.4

Manual Integrations

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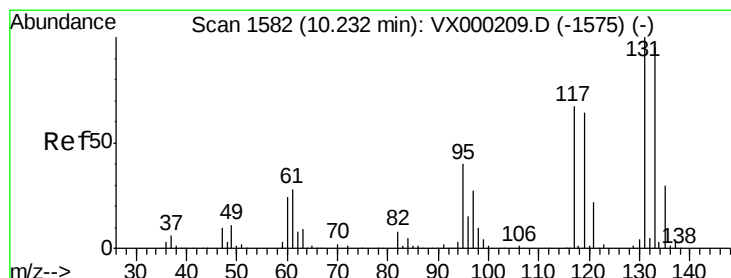
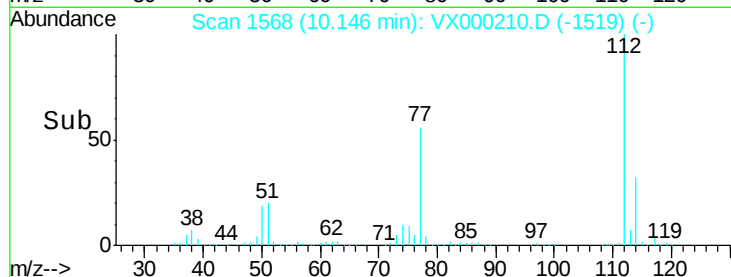
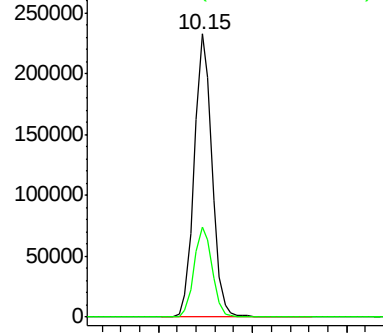
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 56.93 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

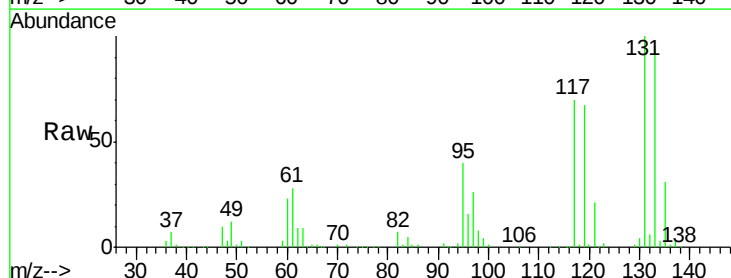
Tgt Ion:131 Resp: 106983

Ion Ratio Lower Upper

131 100

133 92.7 48.3 144.9

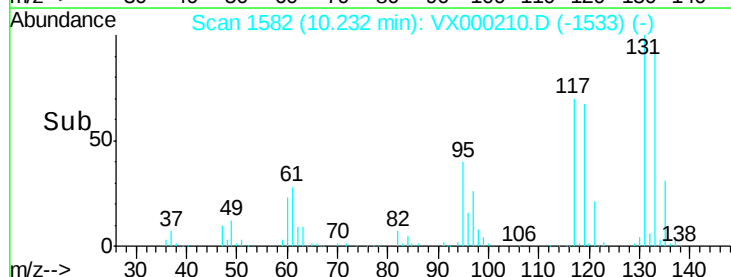
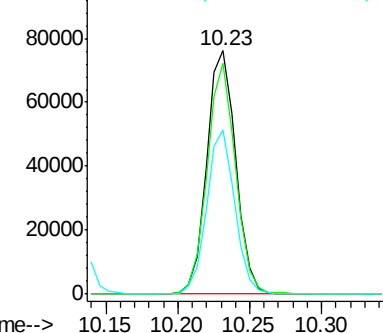
119 65.7 32.3 96.8

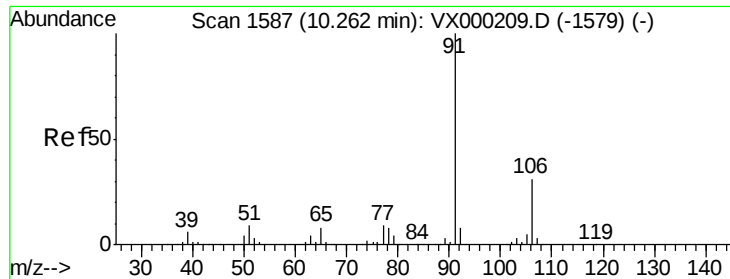


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 57.05 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC075

Tot Ion: 91 Resp: 521273

Ion Ratio Lower Upper

91 100

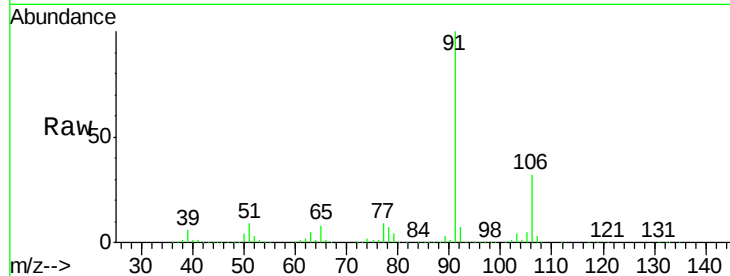
106 32.3 25.2 37.8

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX000210.D (-1579) (-)

Ion 106.00 (105.70 to 106.70): VX000210.D (-1579) (-)

600000

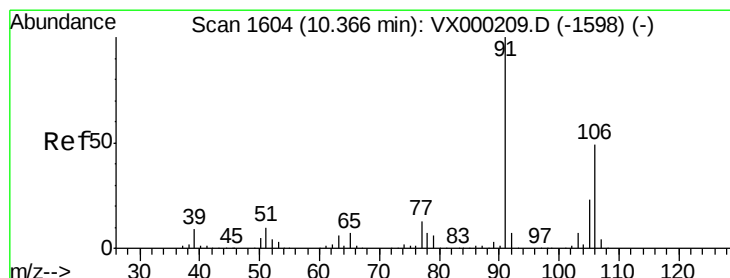
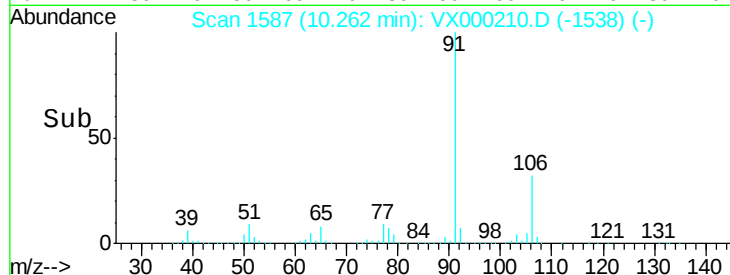
400000

200000

0

10.20 10.30

Time-->



#68

m/p-Xylenes

Concen: 116.59 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000210.D

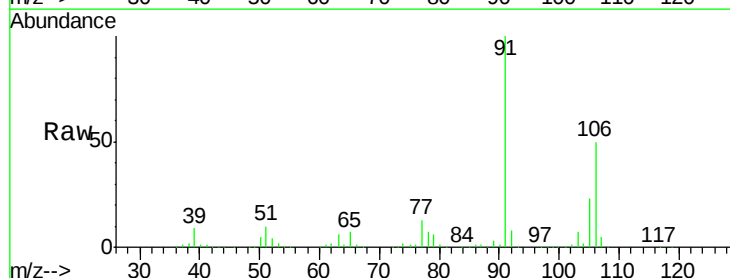
Acq: 07 Mar 2018 13:52

Tgt Ion: 106 Resp: 422295

Ion Ratio Lower Upper

106 100

91 198.6 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): VX000210.D (-1598) (-)

Ion 91.00 (90.70 to 91.70): VX000210.D (-1598) (-)

600000

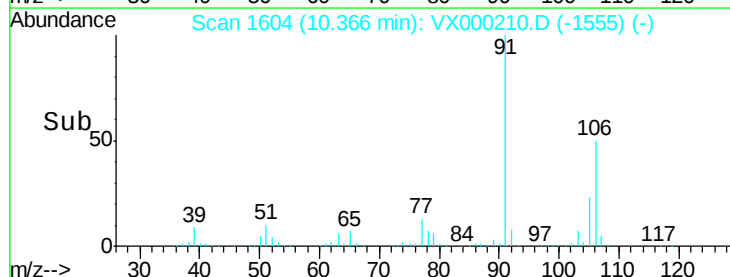
400000

200000

0

10.30 10.40 10.50

Time-->





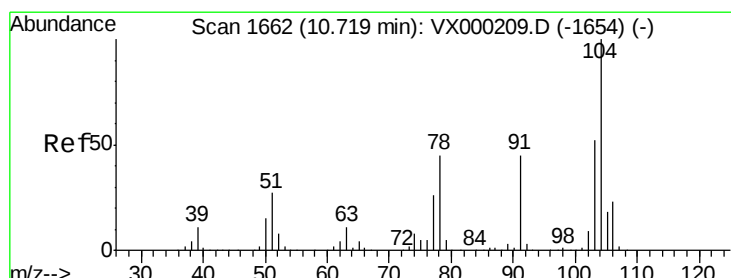
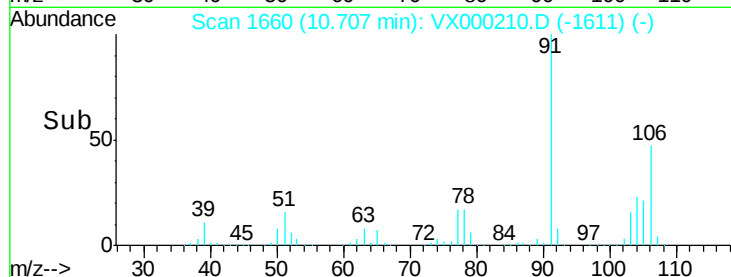
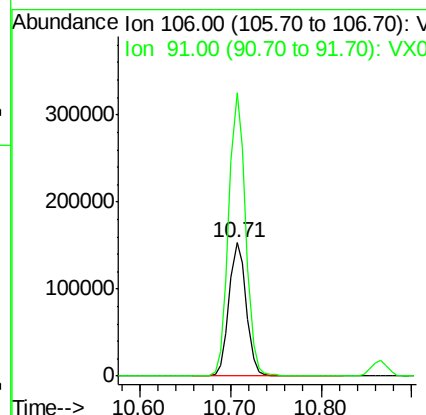
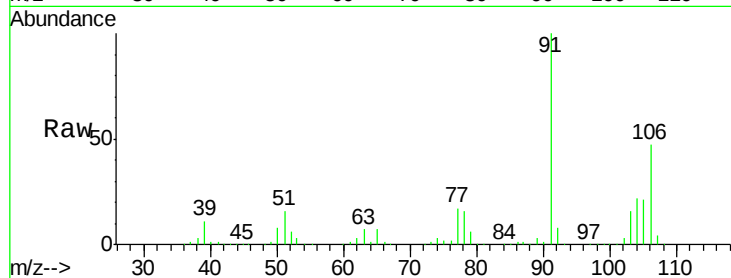
#69
o-Xylene
Concen: 58.48 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Instrument :
MSVOA_X
ClientSampled :
VSTDIC075

Tot Ion:106 Resp: 203532
Ion Ratio Lower Upper
106 100
91 208.5 105.9 317.7

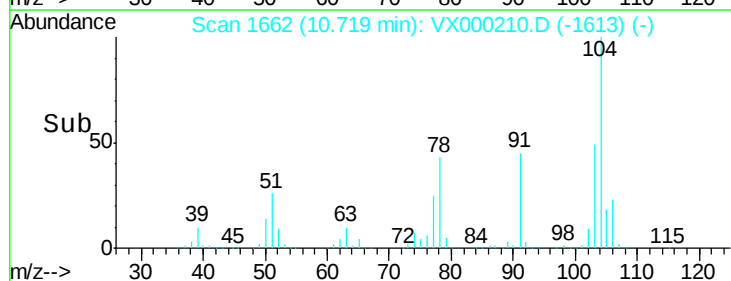
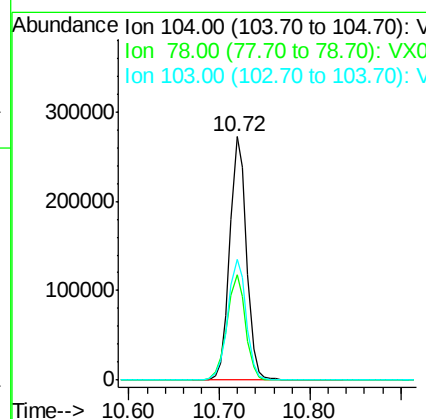
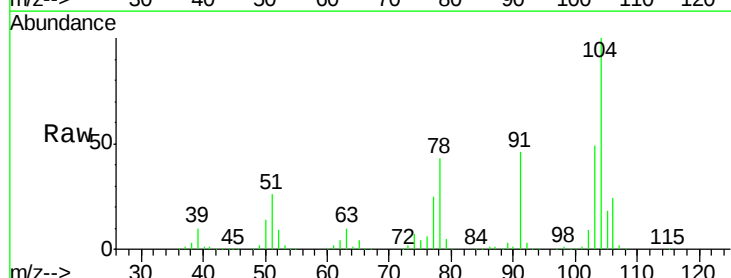
Manual Integrations
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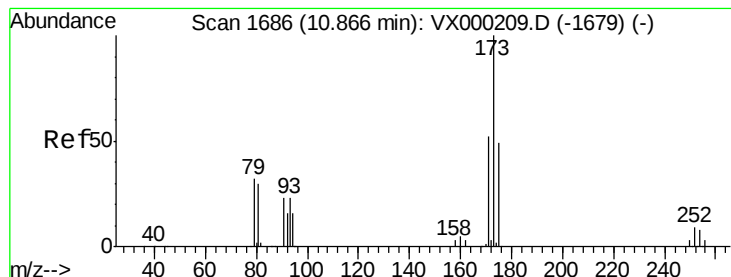
apatel
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#70
Styrene
Concen: 61.49 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Tgt Ion:104 Resp: 350987
Ion Ratio Lower Upper
104 100
78 48.3 39.6 59.4
103 54.5 45.0 67.6





#71

Bromoform

Concen: 59.25 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

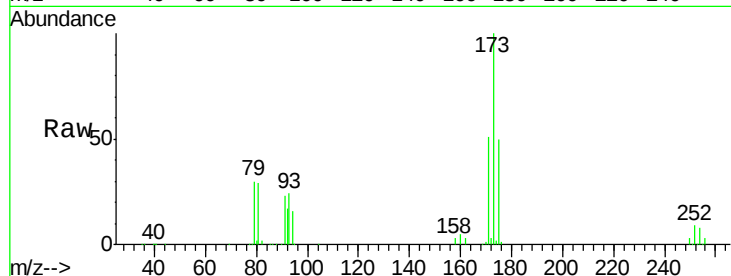
ClientSampled :

VSTDIC075

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.4	73.2
254	0.1	0.2	0.2#

Manual Integrations
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apatel
3/8/2018 10:42:22 AM

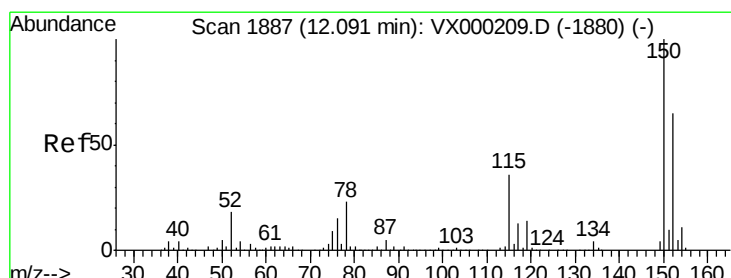
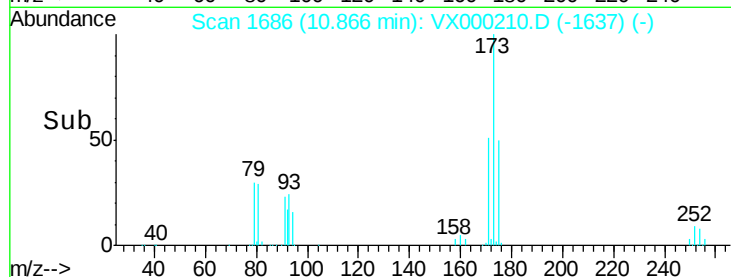
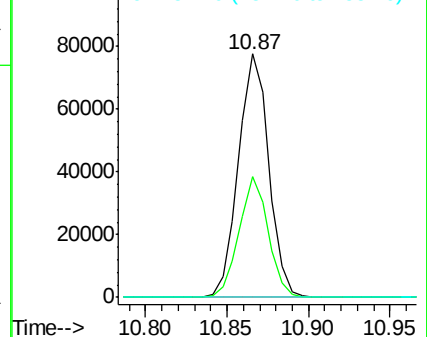


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

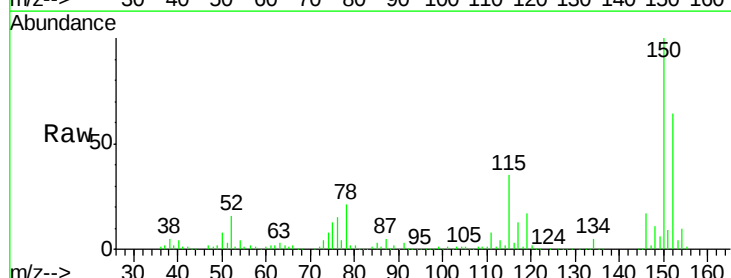
RT: 12.09 min Scan# 1887

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	81.6	39.8	119.3
150	174.7	0.0	345.0

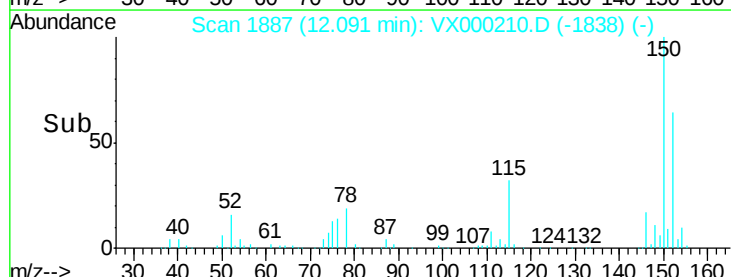
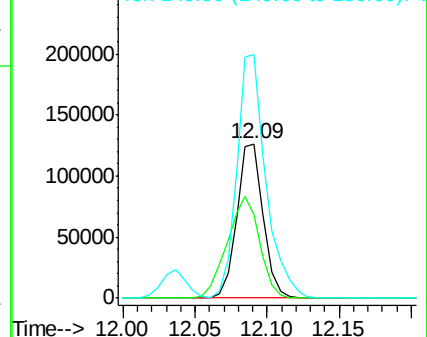


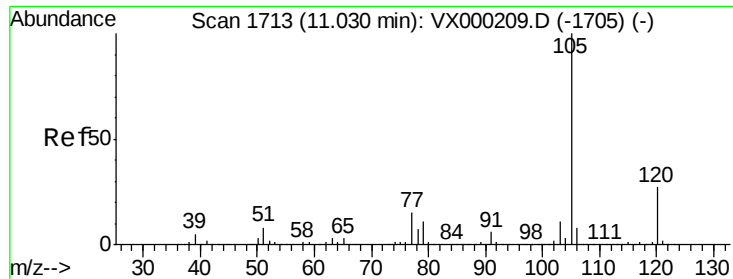
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.19 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

ClientSampled :

VSTDIC075

Tot Ion:105 Resp: 549190

Ion Ratio Lower Upper

105 100

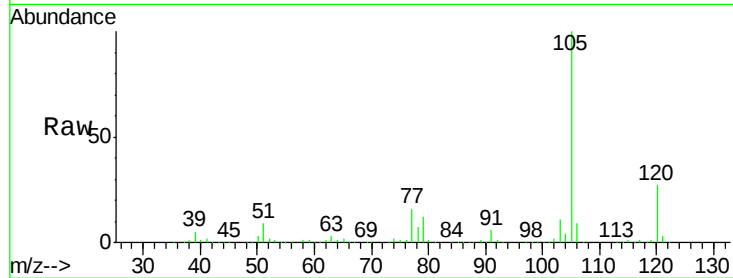
120 27.5 13.5 40.4

Manual Integrations

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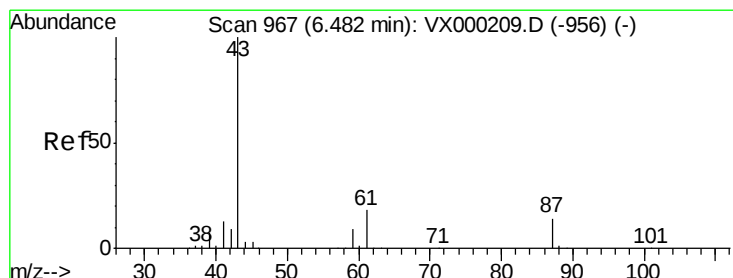
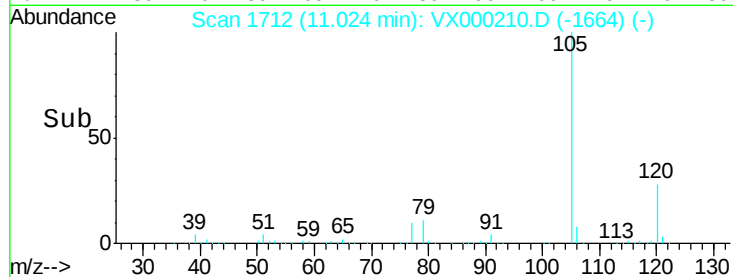
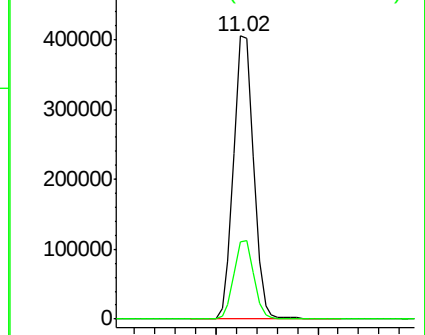
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.24 ug/l

RT: 6.48 min Scan# 967

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Tgt Ion: 43 Resp: 266241

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

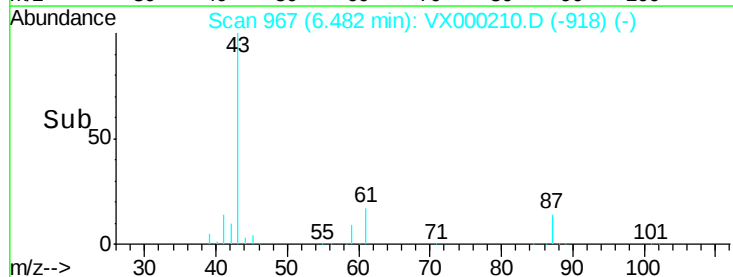
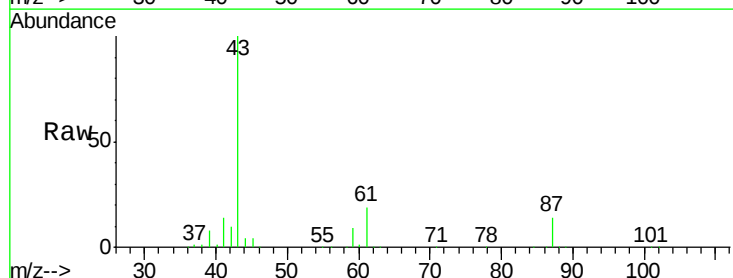
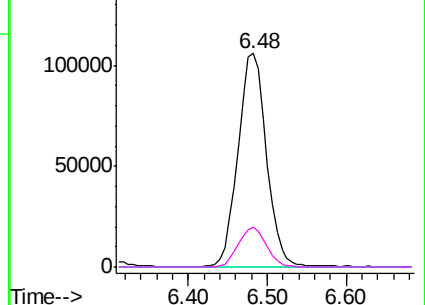
61 18.3 14.8 22.2

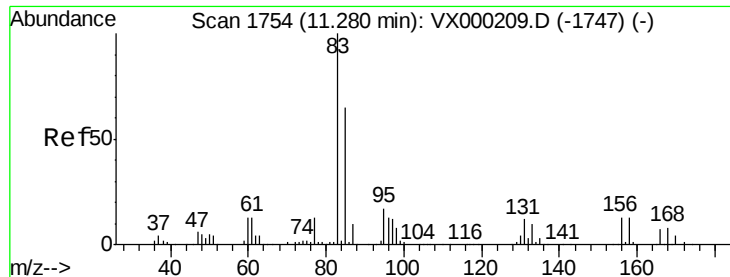
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 55.99 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

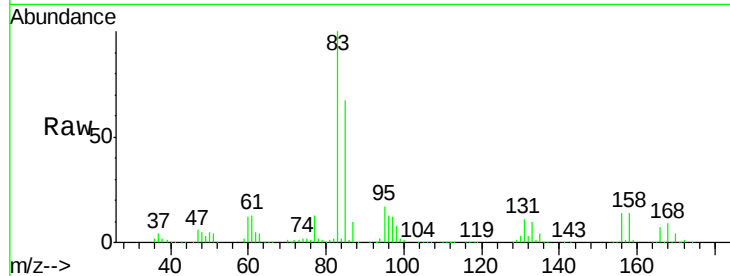
ClientSampled :

VSTDIC075

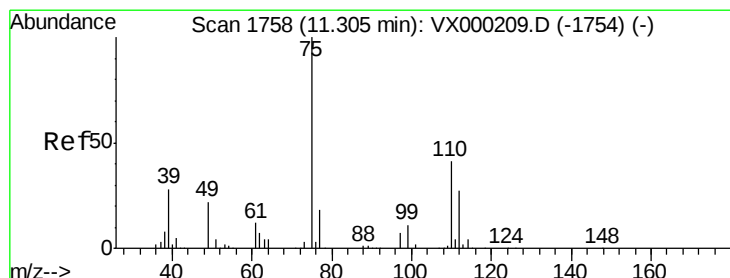
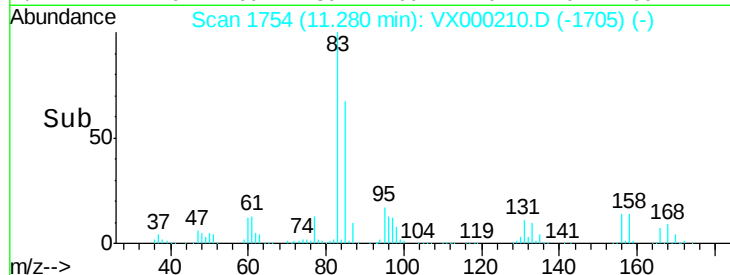
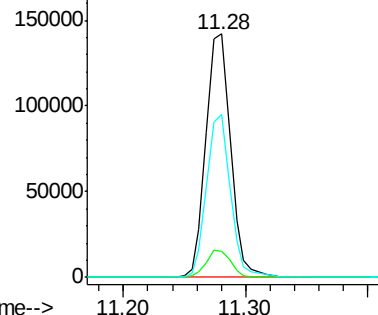
Tot Ion:	83	Resp:	197940
Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.5	16.5
85	64.5	32.5	97.4

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



#76

1,2,3-Trichloropropane

Concen: 53.64 ug/l m

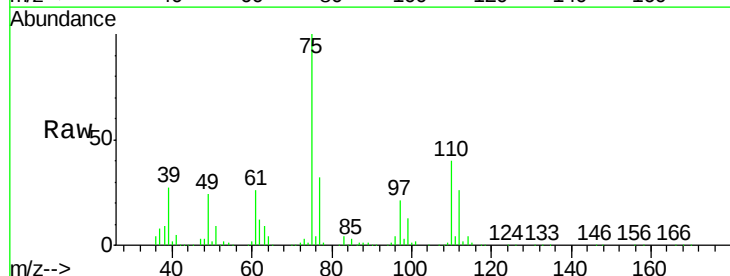
RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

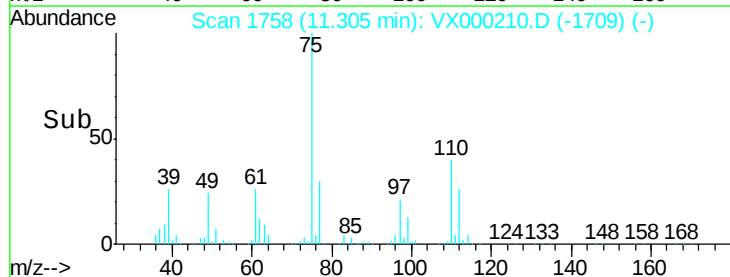
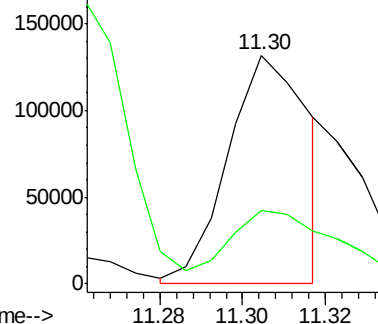
Lab File: VX000210.D

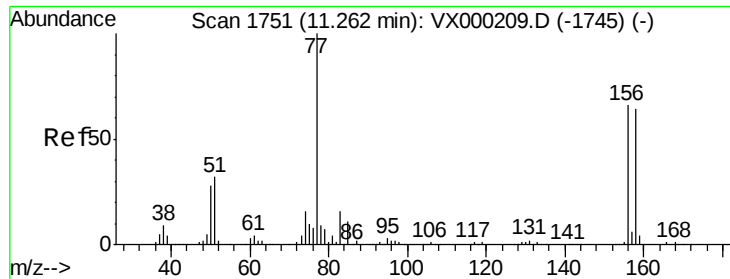
Acq: 07 Mar 2018 13:52

Tgt Ion:	75	Resp:	177074
Ion	Ratio	Lower	Upper
75	100		
77	44.1	22.3	66.8



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





#77

Bromobenzene

Concen: 52.12 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

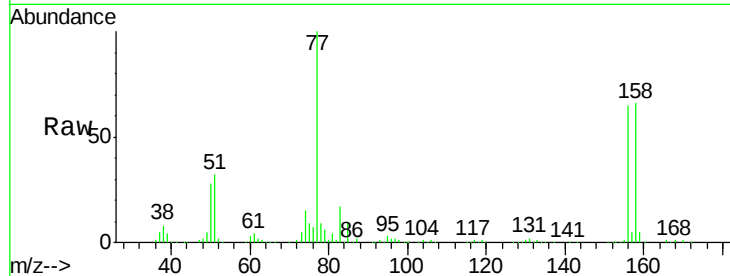
ClientSampled :

VSTDIC075

Tot Ion	Ratio	Lower	Upper
156	100		
77	146.6	71.9	215.7
158	99.6	48.0	144.2

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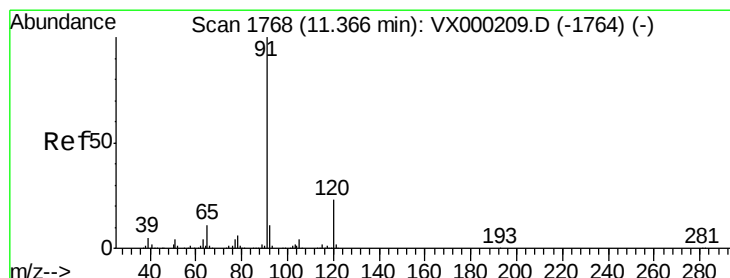
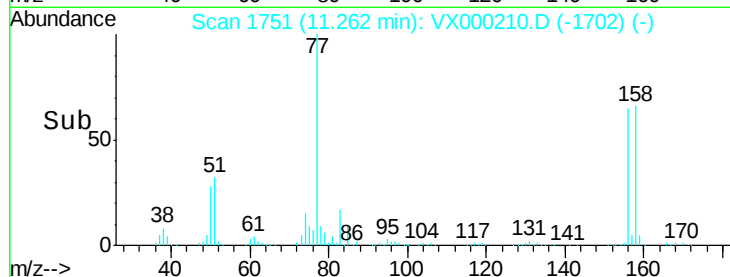
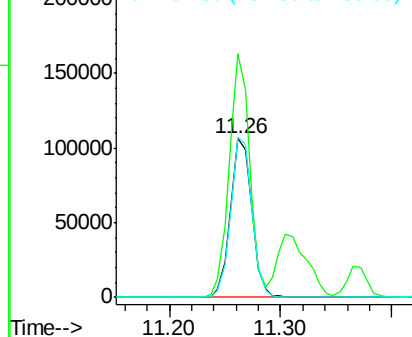
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.90 ug/l

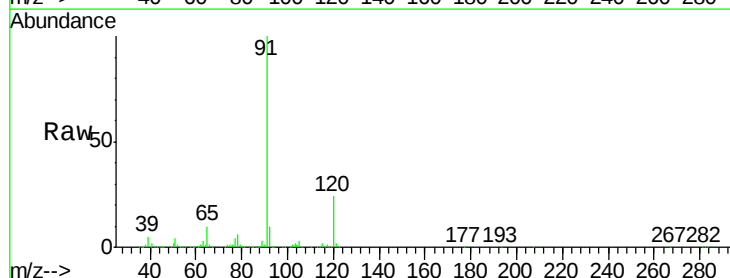
RT: 11.37 min Scan# 1769

Delta R.T. 0.01 min

Lab File: VX000210.D

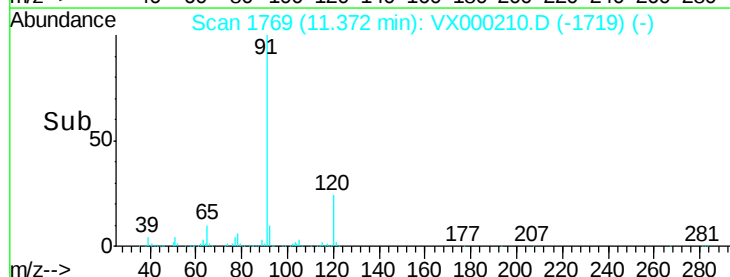
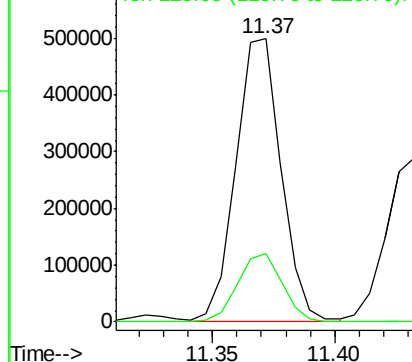
Acq: 07 Mar 2018 13:52

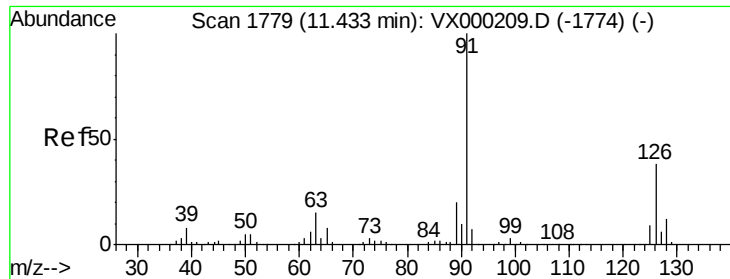
Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.0	12.2	36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.76 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

ClientSampled :

VSTDIC075

Tot Ion: 91 Resp: 373312

Ion Ratio Lower Upper

91 100

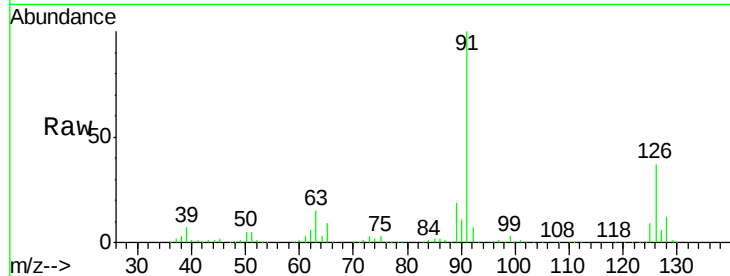
126 36.6 18.4 55.2

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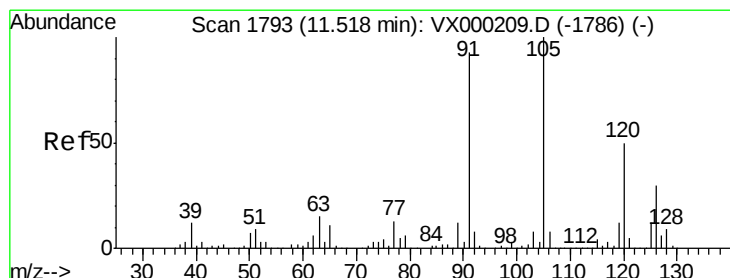
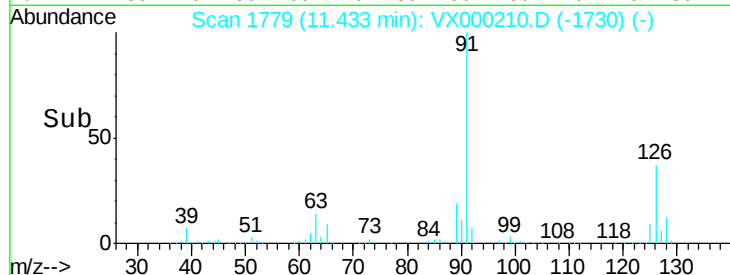
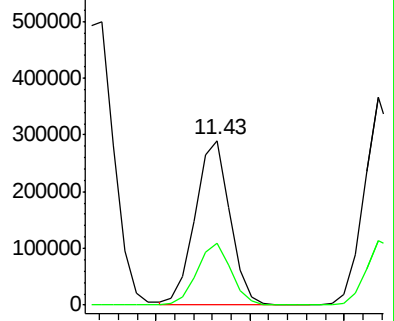
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Abundance Ion 91.00 (90.70 to 91.70): VX000209.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000209.D (-1774) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.85 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000210.D

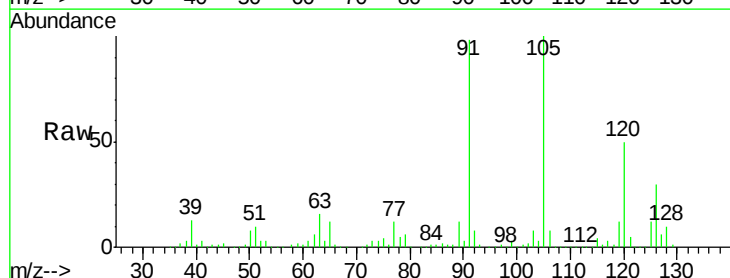
Acq: 07 Mar 2018 13:52

Tgt Ion: 105 Resp: 469362

Ion Ratio Lower Upper

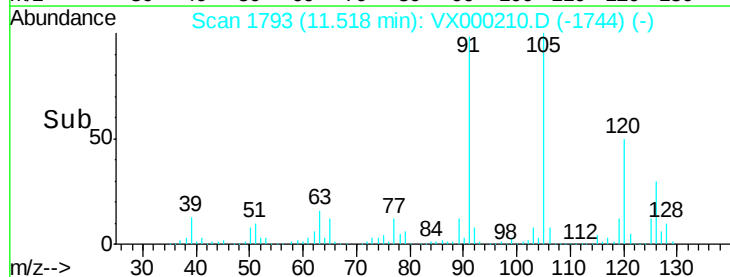
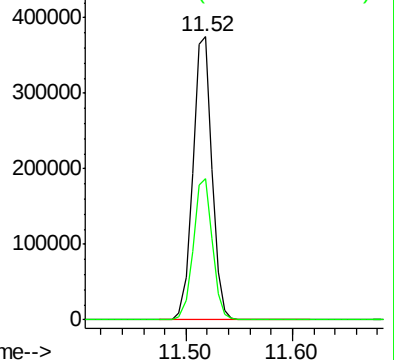
105 100

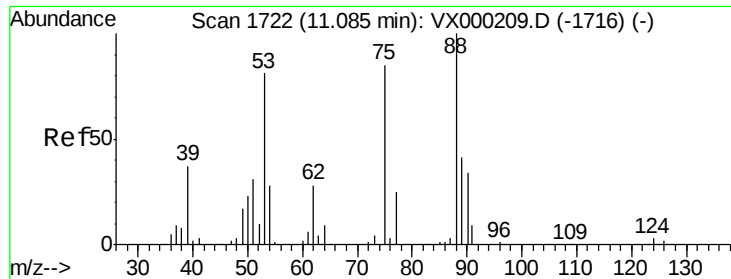
120 49.7 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX000209.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000209.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 54.59 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

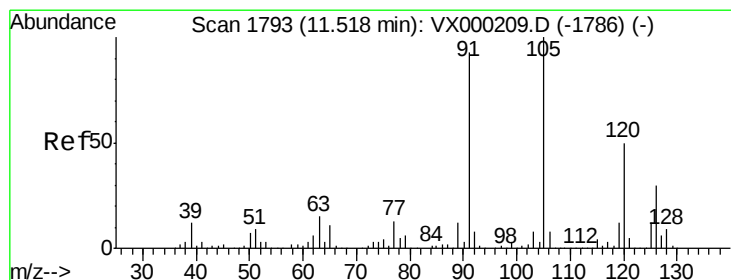
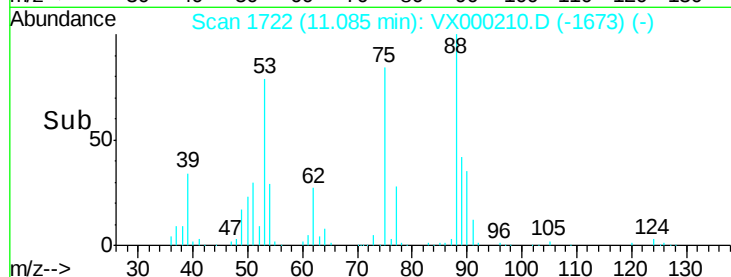
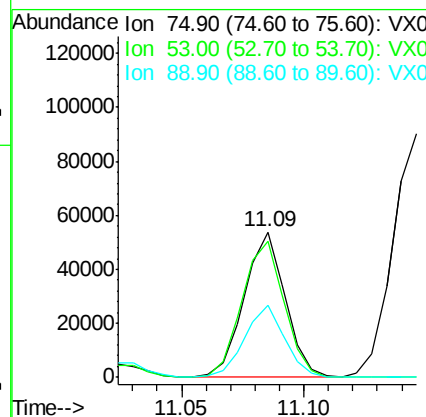
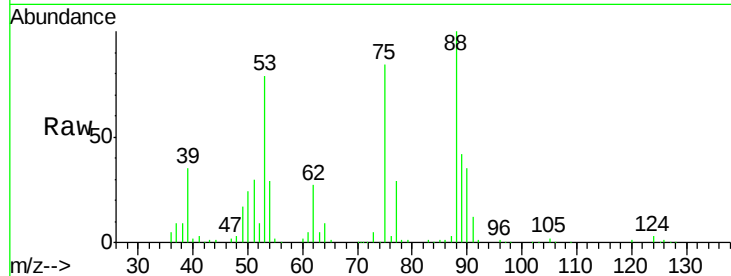
ClientSampled :

VSTDIC075

Tot Ion:	75	Resp:	62467
Ion Ratio	Lower	Upper	
75	100		
53	97.8	78.6	118.0
89	49.5	38.8	58.2

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#82

4-Chlorotoluene

Concen: 54.75 ug/l

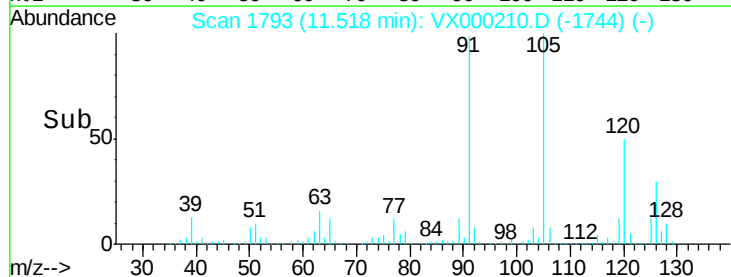
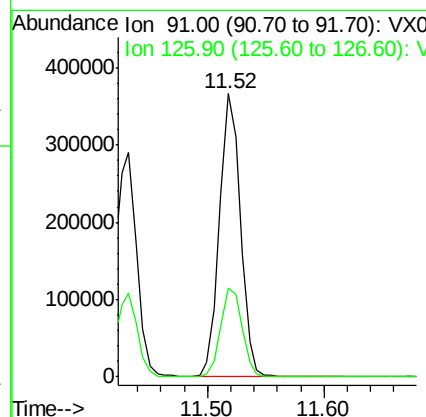
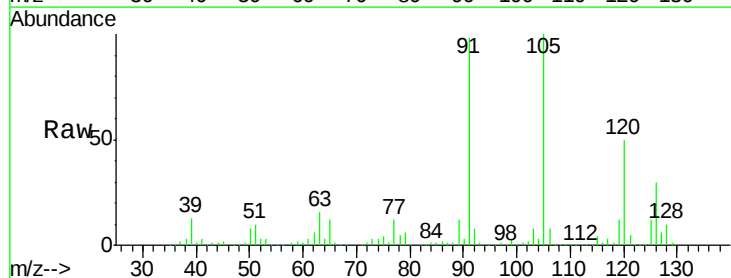
RT: 11.52 min Scan# 1793

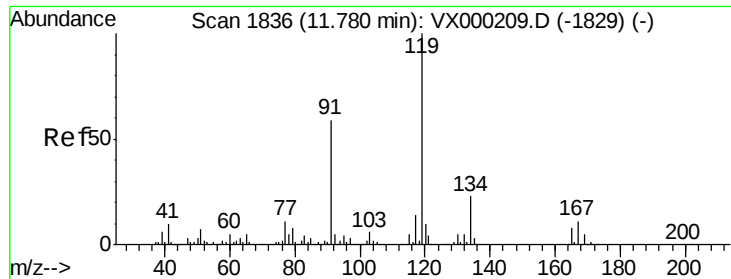
Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Tgt Ion:	91	Resp:	454612
Ion Ratio	Lower	Upper	
91	100		
126	32.0	16.0	48.0





#83

tert-Butylbenzene

Concen: 53.47 ug/l

RT: 11.78 min Scan# 1836

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

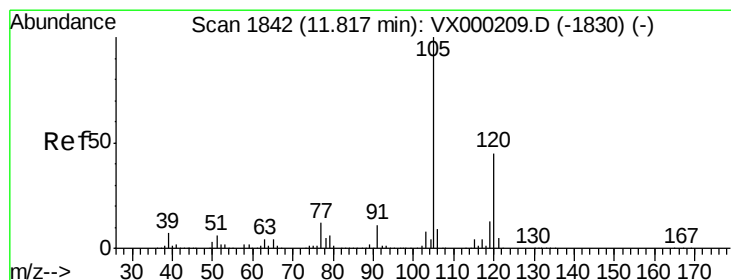
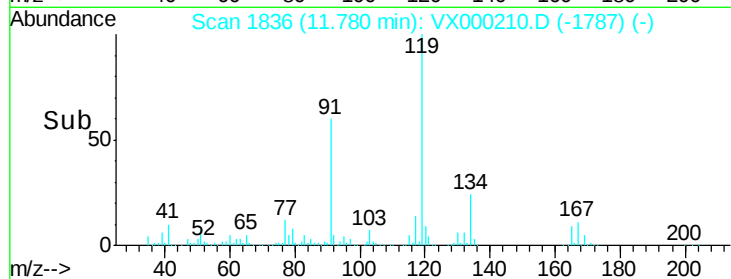
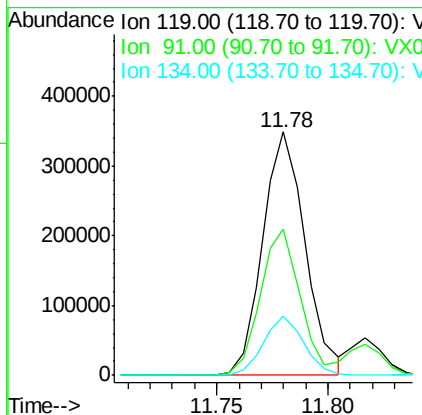
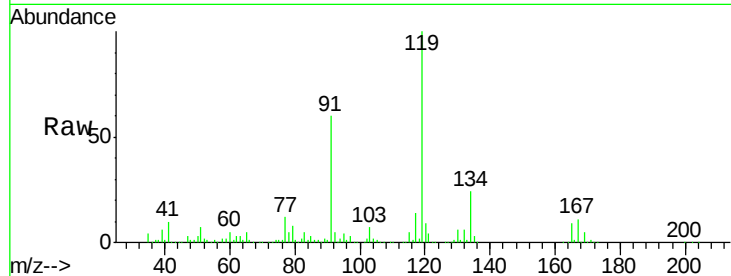
ClientSampled :

VSTDIC075

Tot Ion:	119	Resp:	462365
Ion Ratio	Lower	Upper	
119	100		
91	55.8	28.9	86.7
134	23.3	11.5	34.4

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 54.63 ug/l

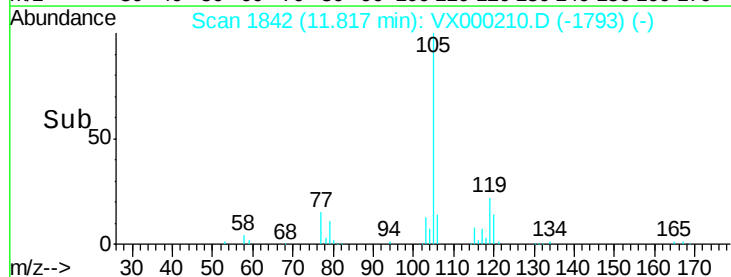
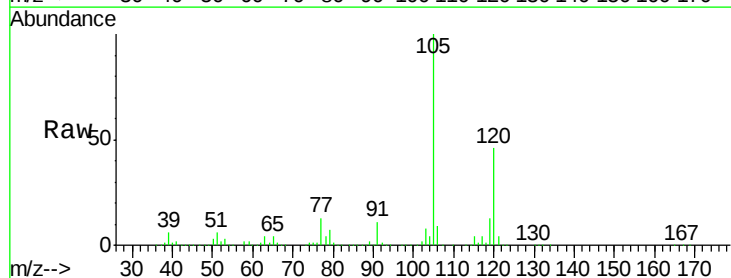
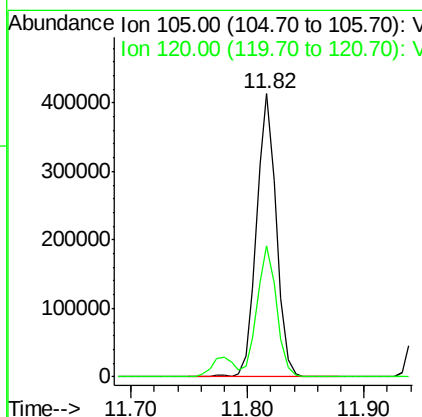
RT: 11.82 min Scan# 1842

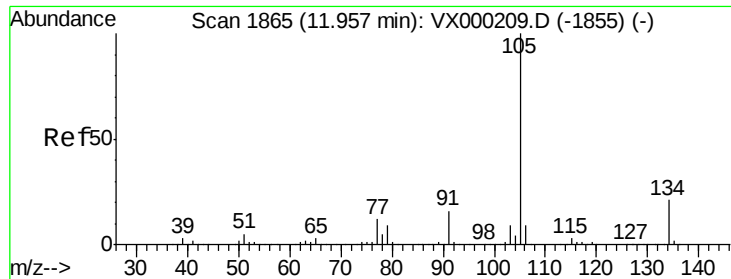
Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Tgt Ion:	105	Resp:	486227
Ion Ratio	Lower	Upper	
105	100		
120	46.1	23.0	69.0





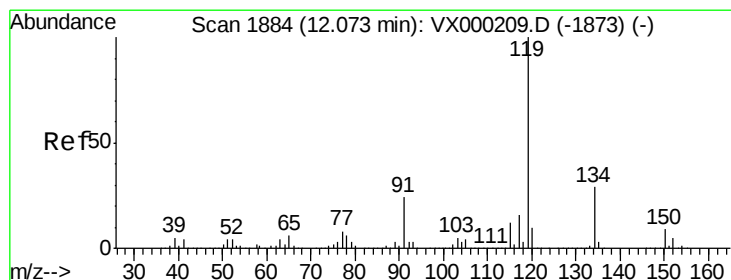
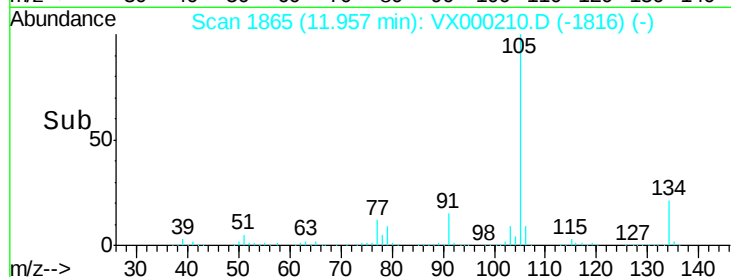
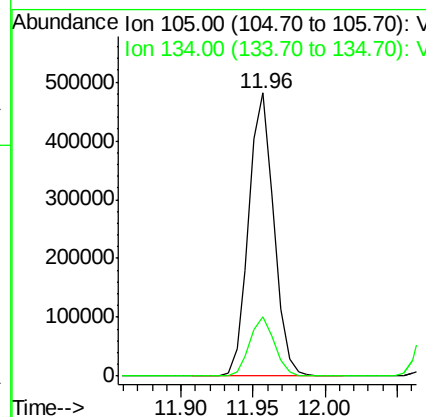
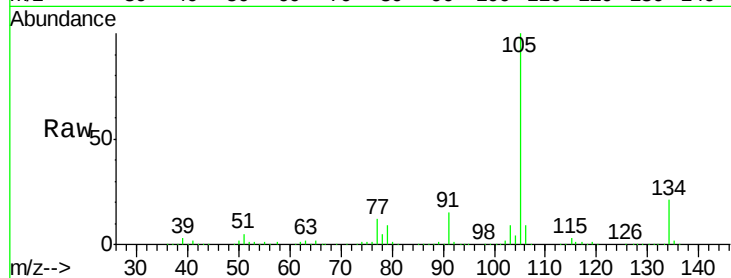
#85
 sec-Butylbenzene
 Concen: 53.64 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000210.D
 Acq: 07 Mar 2018 13:52

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC075

Tot Ion:105 Resp: 577241
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.3 30.9

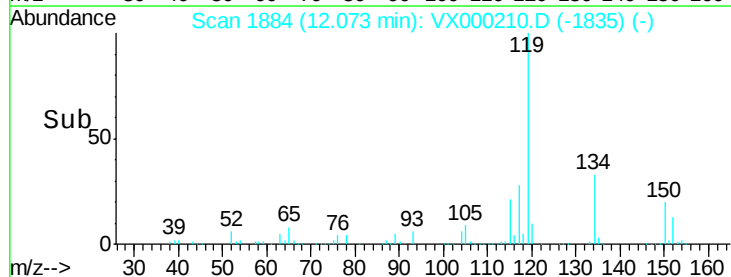
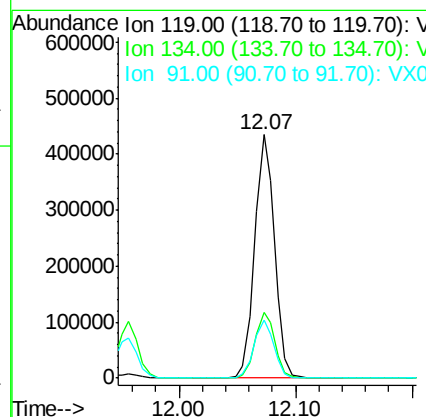
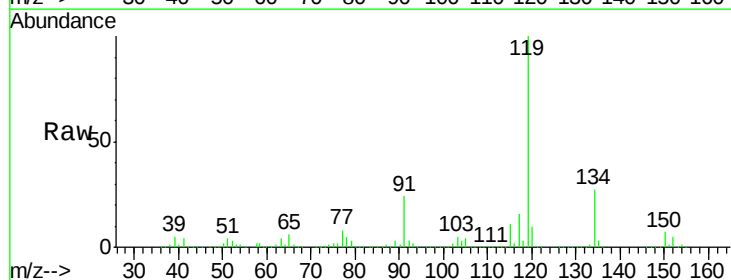
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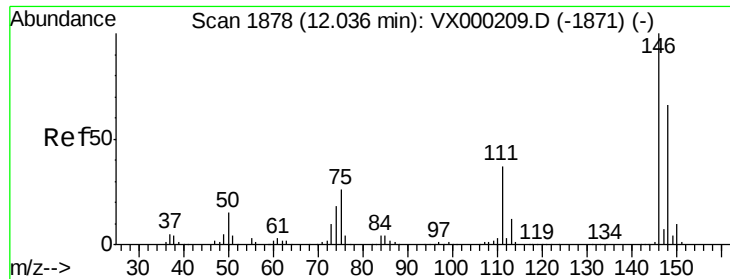
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#86
 p-Isopropyltoluene
 Concen: 53.89 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000210.D
 Acq: 07 Mar 2018 13:52

Tgt Ion:119 Resp: 516612
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.8 41.3
 91 23.8 12.0 36.0





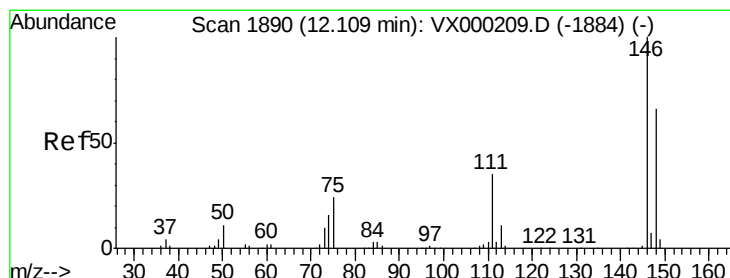
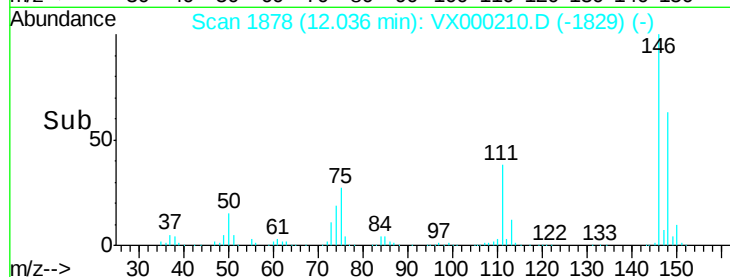
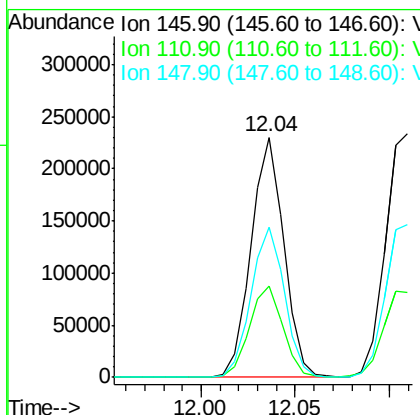
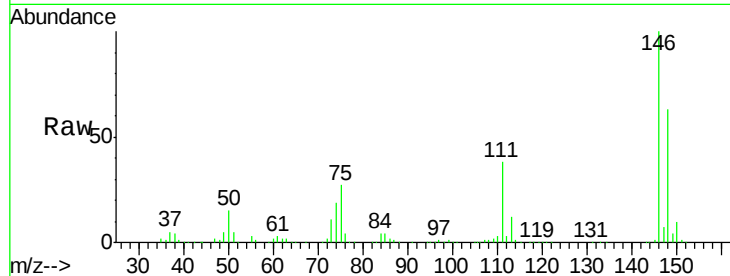
#87
 1,3-Dichlorobenzene
 Concen: 52.98 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000210.D
 Acq: 07 Mar 2018 13:52

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.0	57.0
148	63.9	32.1	96.3

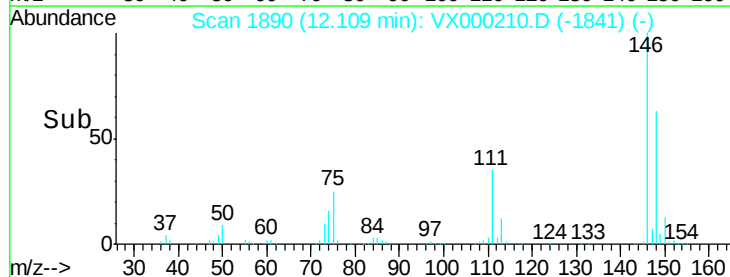
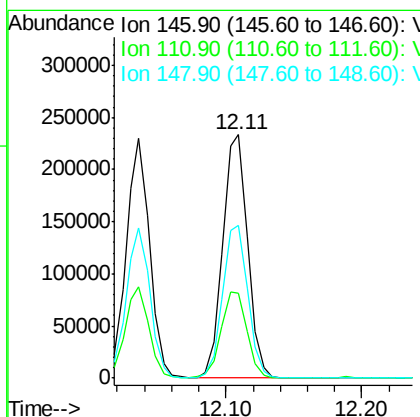
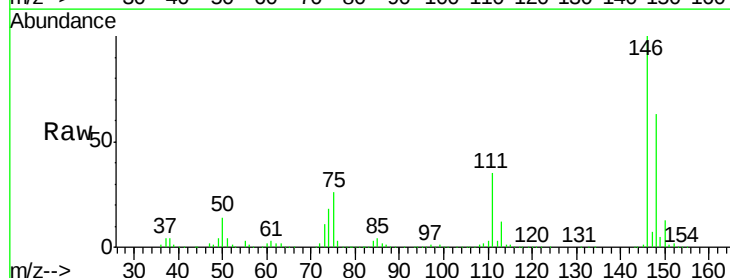
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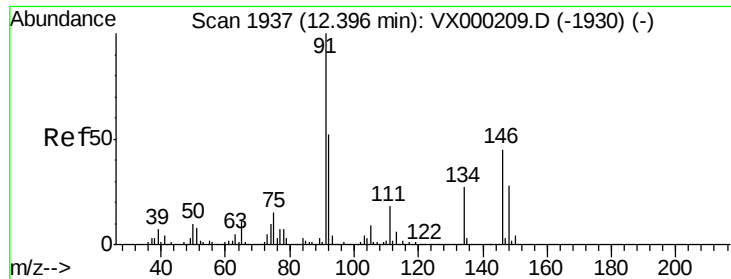
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#88
 1,4-Dichlorobenzene
 Concen: 54.42 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VX000210.D
 Acq: 07 Mar 2018 13:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.9	56.9
148	63.6	32.6	97.8





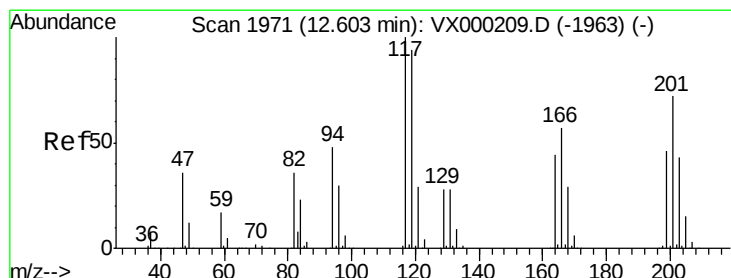
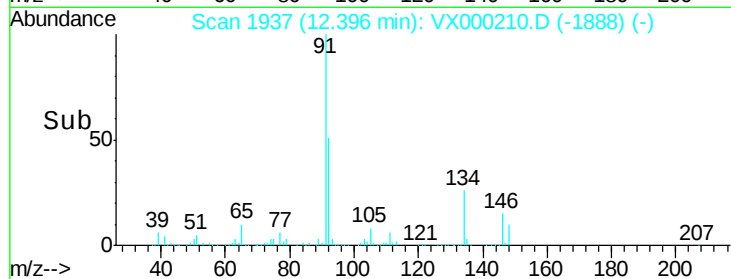
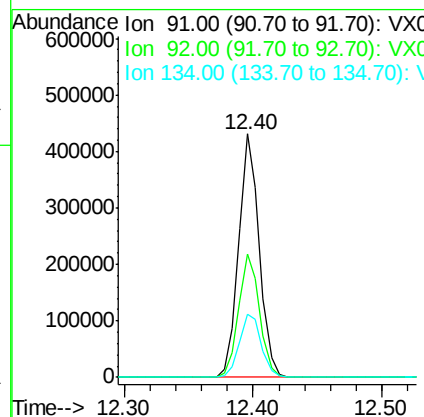
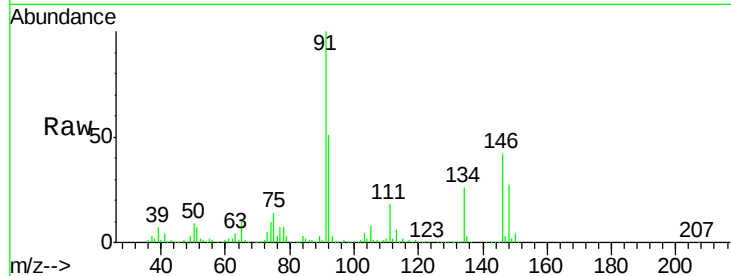
#89
n-Butylbenzene
Concen: 52.91 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Instrument :
MSVOA_X
ClientSampled :
VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
91	100	481226		
92	51.5	25.8	77.4	
134	27.2	13.5	40.5	

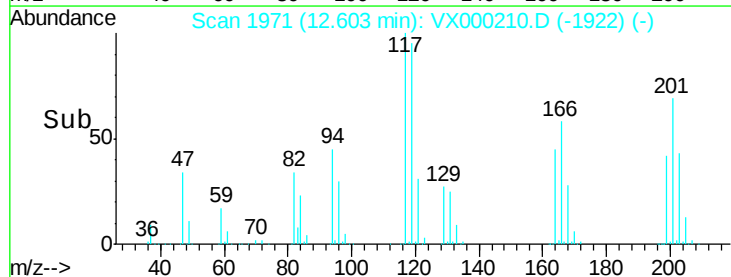
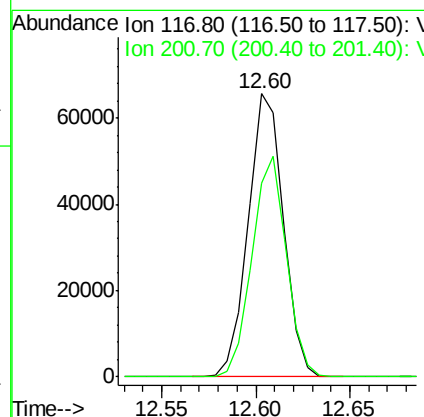
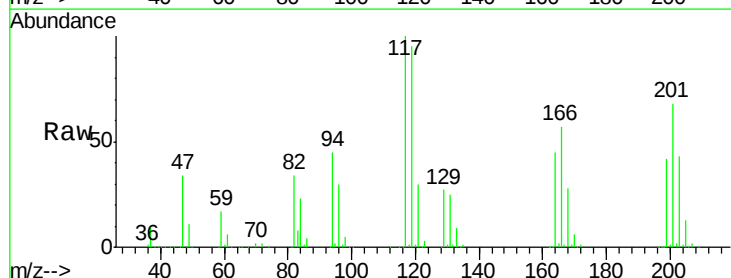
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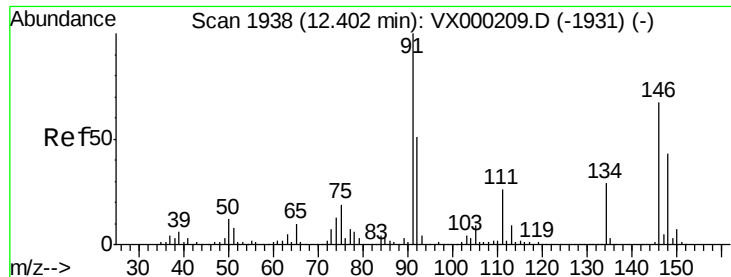
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#90
Hexachloroethane
Concen: 54.87 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	84992		
201	75.8	38.2	114.6	





#91

1,2-Dichlorobenzene

Concen: 53.94 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC075

Tot Ion:146 Resp: 279186

Ion Ratio Lower Upper

146 100

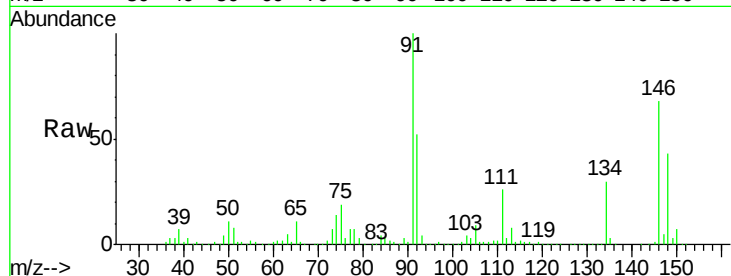
111 39.4 19.7 59.0

148 63.4 32.0 96.0

Manual Integrations
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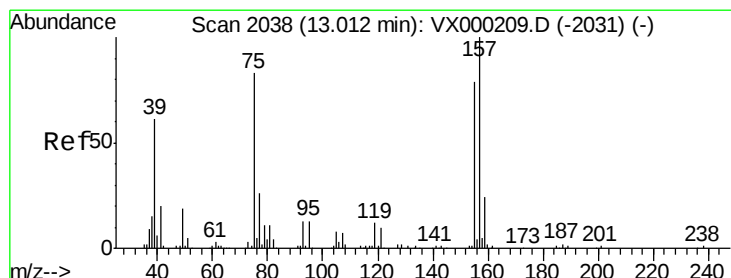
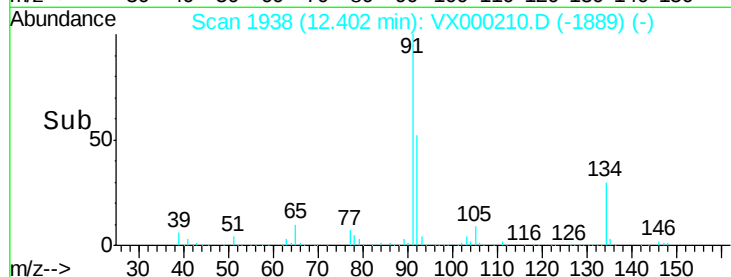
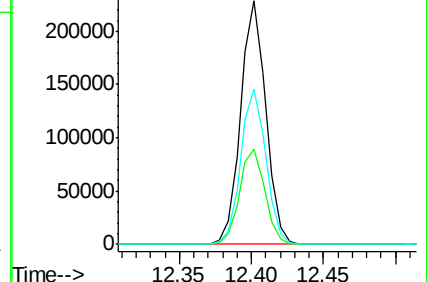
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Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 58.14 ug/l

RT: 13.01 min Scan# 2038

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

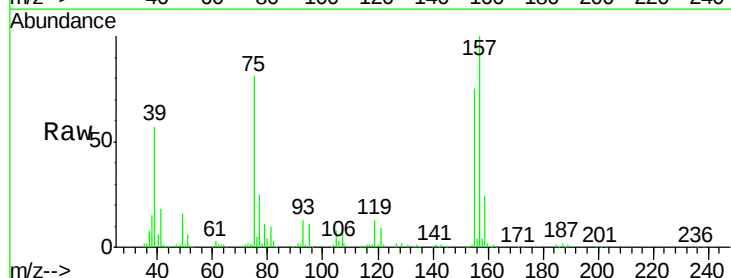
Tgt Ion: 75 Resp: 56929

Ion Ratio Lower Upper

75 100

155 90.5 45.5 136.5

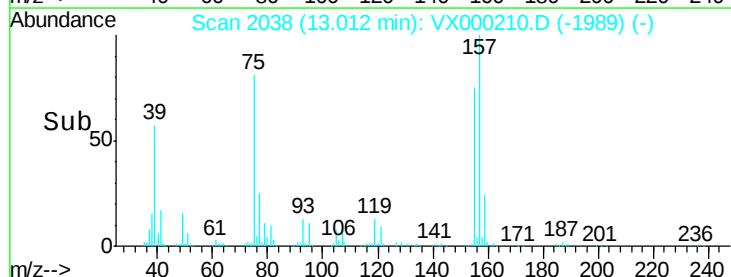
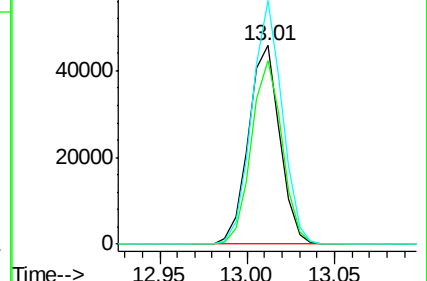
157 118.7 58.6 175.8

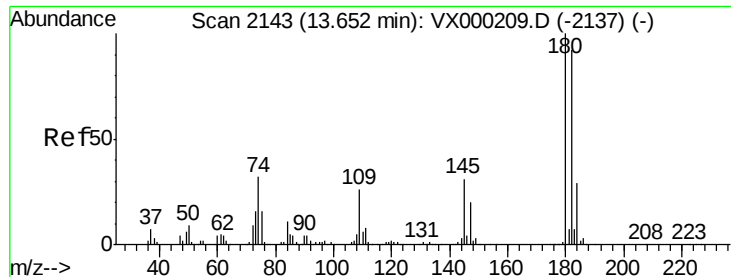


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 51.23 ug/l

RT: 13.66 min Scan# 2144

Delta R.T. 0.01 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

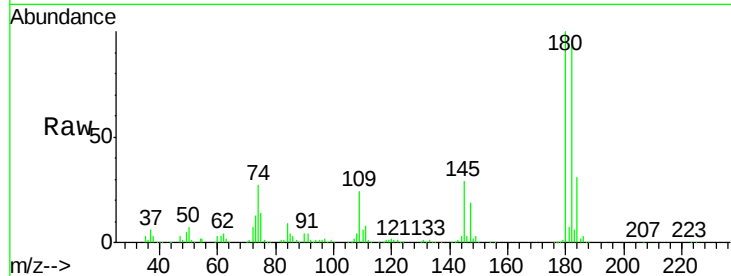
ClientSampled :

VSTDIC075

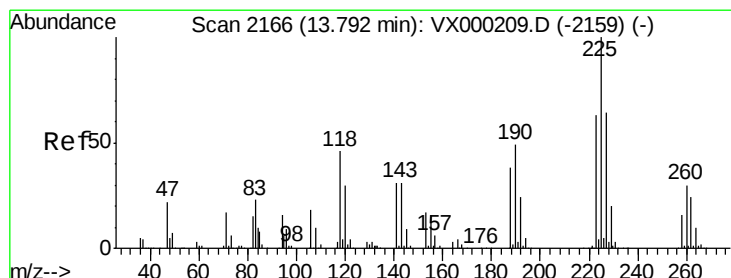
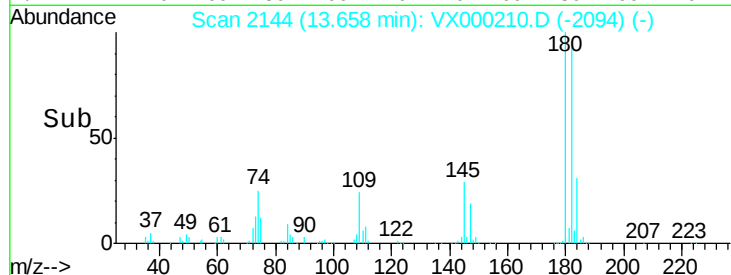
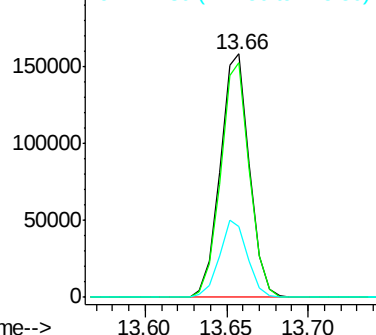
Tot Ion:	180	Resp:	196673
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.0	141.0
145	30.4	15.3	45.9

Manual Integrations
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Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 46.61 ug/l

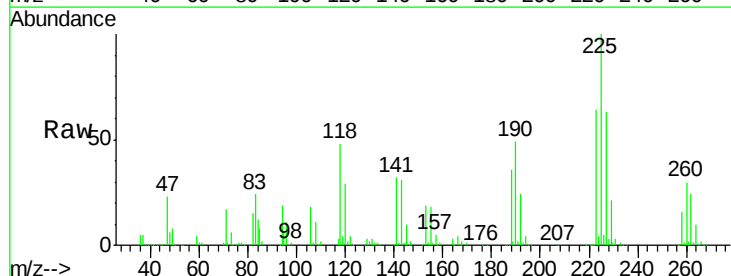
RT: 13.79 min Scan# 2166

Delta R.T. -0.00 min

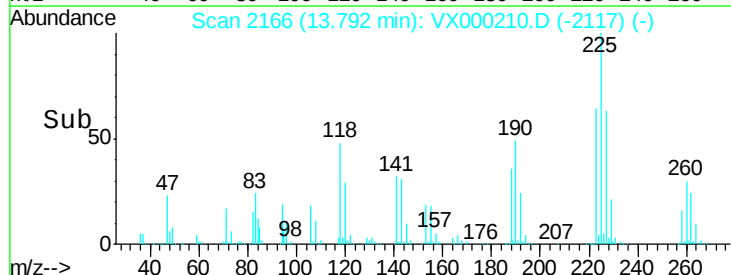
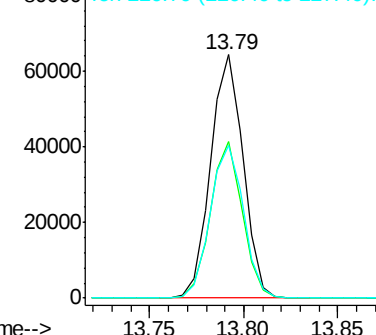
Lab File: VX000210.D

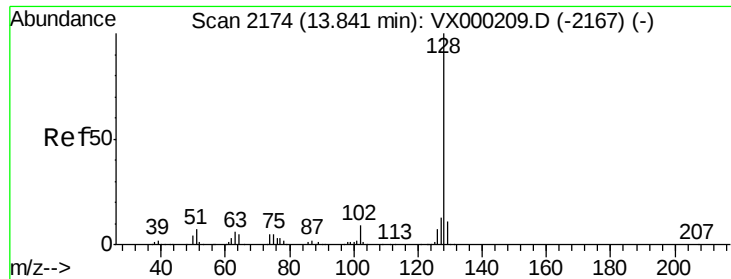
Acq: 07 Mar 2018 13:52

Tgt Ion:	225	Resp:	77080
Ion Ratio	Lower	Upper	
225	100		
223	63.0	31.8	95.3
227	64.3	31.9	95.5



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





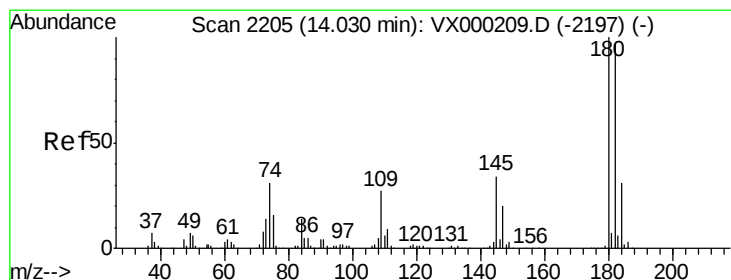
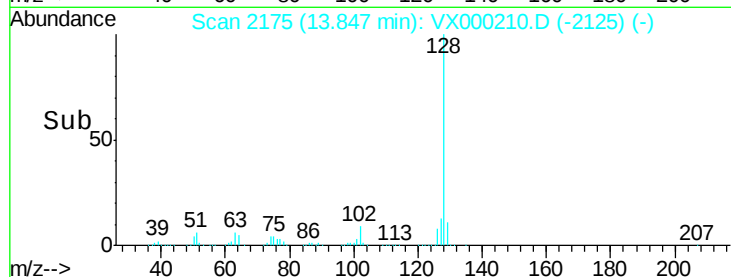
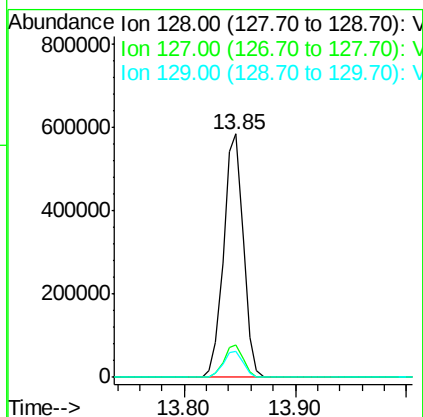
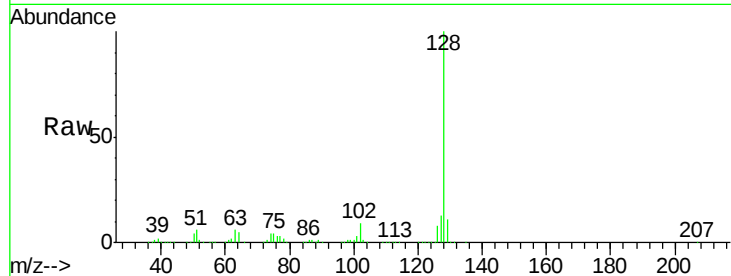
#95
Naphthalene
Concen: 54.47 ug/l
RT: 13.85 min Scan# 2175
Delta R.T. 0.01 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	10.9	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 52.14 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.0	144.0
145	31.4	16.3	48.8

