

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030718\
 Data File : VX000211.D
 Acq On : 07 Mar 2018 14:17
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

apatel
 3/8/2018 10:42:38 AM

Quant Time: Mar 08 00:53:26 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	158005	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	262603	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	275885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	173982	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	210605	104.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.62%	
35) Dibromofluoromethane	5.51	113	168924	101.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.14%	
50) Toluene-d8	8.73	98	721601	108.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	216.38%	
62) 4-Bromofluorobenzene	11.15	95	288065	110.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	221.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	162541	99.58	ug/l	99
3) Chloromethane	1.32	50	152405	95.31	ug/l	100
4) Vinyl Chloride	1.41	62	186503	103.88	ug/l	99
5) Bromomethane	1.64	94	198785	112.26	ug/l	98
6) Chloroethane	1.71	64	121498	99.97	ug/l	97
7) Trichlorofluoromethane	1.93	101	324934	101.05	ug/l	99
8) Diethyl Ether	2.20	74	111925	100.78	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	172783	96.49	ug/l	98
10) Methyl Iodide	2.51	142	200425	105.34	ug/l	100
11) Tert butyl alcohol	3.10	59	388847	506.52	ug/l	100
12) 1,1-Dichloroethene	2.37	96	166162	99.87	ug/l	95
13) Acrolein	2.30	56	204571	542.30	ug/l	97
14) Allyl chloride	2.73	41	294378	104.63	ug/l	99
15) Acrylonitrile	3.16	53	704906	533.93	ug/l	99
16) Acetone	2.46	43	723471	545.08	ug/l	98
17) Carbon Disulfide	2.57	76	468201	95.79	ug/l	98
18) Methyl Acetate	2.79	43	314510	102.66	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	592465	103.44	ug/l	99
20) Methylene Chloride	2.86	84	173390	93.54	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	184822	102.14	ug/l	96
22) Diisopropyl ether	3.89	45	490001	100.97	ug/l	95
23) Vinyl Acetate	3.84	43	2350224	514.20	ug/l	99
24) 1,1-Dichloroethane	3.70	63	296360	99.30	ug/l	100
25) 2-Butanone	4.73	43	943039	519.64	ug/l	99
26) 2,2-Dichloropropane	4.59	77	235232	94.75	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	162264	94.98	ug/l	98
28) Bromochloromethane	5.03	49	133008	101.63	ug/l	97
29) Tetrahydrofuran	5.18	42	614003	521.99	ug/l	98
30) Chloroform	5.23	83	316050	103.83	ug/l	97
31) Cyclohexane	5.59	56	246347	98.84	ug/l	92
32) 1,1,1-Trichloroethane	5.51	97	284393	101.96	ug/l	99
36) 1,1-Dichloropropene	5.81	75	232194	98.32	ug/l	99
37) Ethyl Acetate	4.88	43	330595	101.49	ug/l	99
38) Carbon Tetrachloride	5.80	117	254231	100.78	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	284320	99.74	ug/l	96
40) Benzene	6.15	78	679114	100.48	ug/l	98
41) Methacrylonitrile	5.07	41	166104	97.61	ug/l	98
42) 1,2-Dichloroethane	6.21	62	258370	103.18	ug/l	99
43) Isopropyl Acetate	6.48	43	493630	104.66	ug/l	99
44) Trichloroethene	7.23	130	194429	98.21	ug/l	97
45) 1,2-Dichloropropane	7.52	63	171655	103.16	ug/l	95
46) Dibromomethane	7.67	93	131114	100.92	ug/l	97
47) Bromodichloromethane	7.91	83	257174	107.42	ug/l	99
48) Methyl methacrylate	7.79	41	242192	105.03	ug/l	99
49) 1,4-Dioxane	7.77	88	112901	1905.17	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	1970525	566.23	ug/l	99
52) Toluene	8.79	92	497040	109.33	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	300106	106.66	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	308337	110.41	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	201678	107.79	ug/l	98
56) Ethyl methacrylate	9.20	69	323869	112.57	ug/l	98
57) 1,3-Dichloropropane	9.38	76	312869	105.02	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	738775	508.91	ug/l	98
59) 2-Hexanone	9.51	43	1705677	577.77	ug/l	98
60) Dibromochloromethane	9.59	129	236049	112.42	ug/l	99
61) 1,2-Dibromoethane	9.68	107	228318	109.71	ug/l	98
64) Tetrachloroethene	9.34	164	185643	93.97	ug/l	100
65) Chlorobenzene	10.15	112	585921	101.06	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	202378	100.70	ug/l	98
67) Ethyl Benzene	10.26	91	985243	100.82	ug/l	97
68) m/p-Xylenes	10.37	106	812161	209.68	ug/l	96
69) o-Xylene	10.71	106	388892	104.48	ug/l	98
70) Styrene	10.72	104	668967	109.59	ug/l	98
71) Bromoform	10.87	173	207031	114.26	ug/l #	100
73) Isopropylbenzene	11.02	105	1056443	96.30	ug/l	99
74) N-amyl acetate	6.48	43	493630	89.48	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.28	83	380752	99.51	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	331662m	92.81	ug/l	
77) Bromobenzene	11.26	156	283136	96.36	ug/l	97
78) n-propylbenzene	11.37	91	1240154	95.84	ug/l	99
79) 2-Chlorotoluene	11.43	91	702206	95.17	ug/l	99
80) 1,3,5-Trimethylbenzene	11.52	105	906098	97.84	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	129749	104.76	ug/l	94
82) 4-Chlorotoluene	11.52	91	854372	95.06	ug/l	99
83) tert-Butylbenzene	11.78	119	907176	96.93	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	928878	96.42	ug/l	100
85) sec-Butylbenzene	11.96	105	1107818	95.11	ug/l	99
86) p-Isopropyltoluene	12.07	119	1010851	97.43	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	533517	93.84	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	557593	94.92	ug/l	99
89) n-Butylbenzene	12.40	91	942621	95.76	ug/l	100
90) Hexachloroethane	12.60	117	171873	102.51	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	536254	95.72	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	111441	105.15	ug/l	99

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VSTDICC100

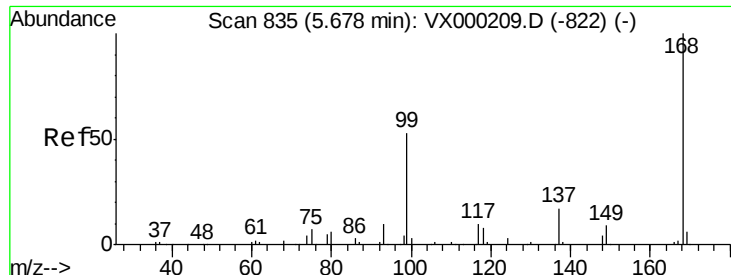
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	389883	93.82	ug/l	99
94) Hexachlorobutadiene	13.79	225	155114	86.67	ug/l	99
95) Naphthalene	13.85	128	1391126	98.04	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	385770	94.16	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Tot Ion: 168 Resp: 158005

Ion Ratio Lower Upper

168 100

99 53.9 42.8 64.2

Instrument :

MSVOA_X

ClientSampled :

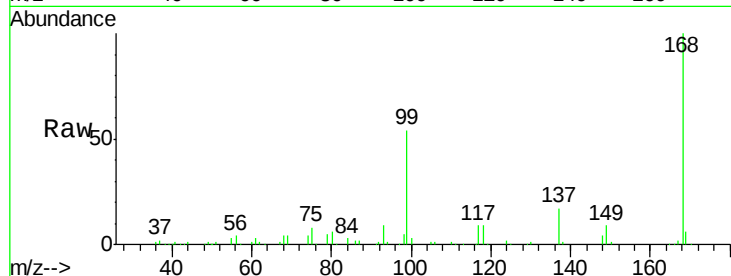
VSTDIC100

Manual Integrations

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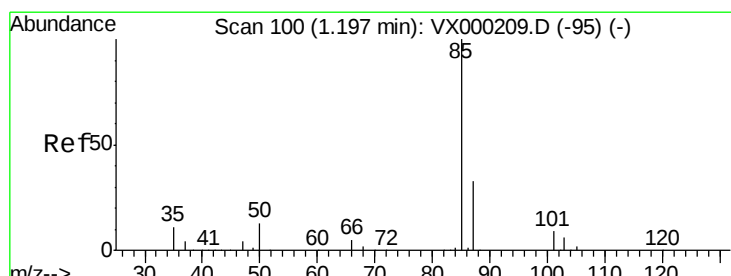
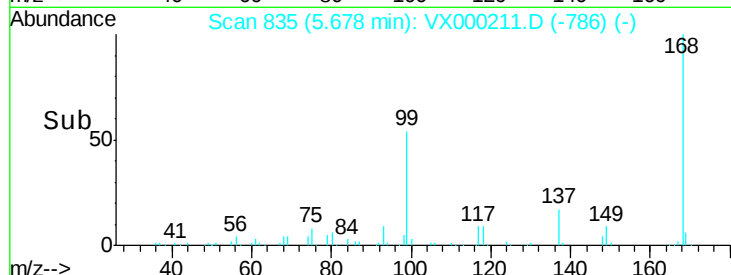
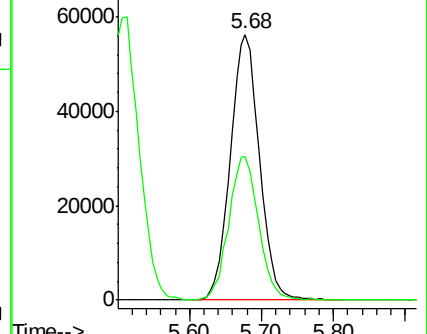
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 99.58 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000211.D

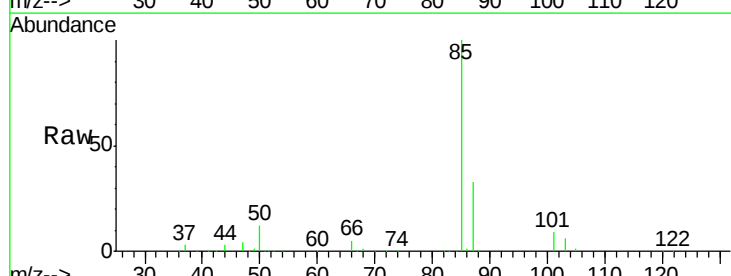
Acq: 07 Mar 2018 14:17

Tgt Ion: 85 Resp: 162541

Ion Ratio Lower Upper

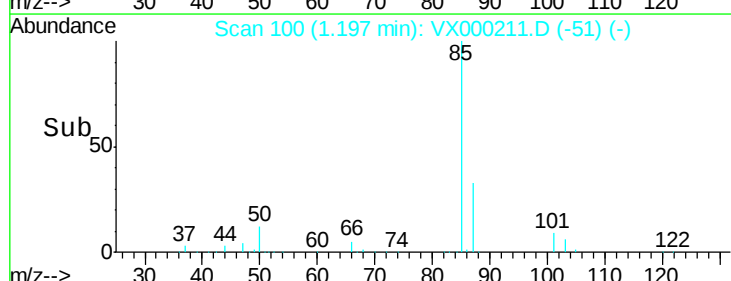
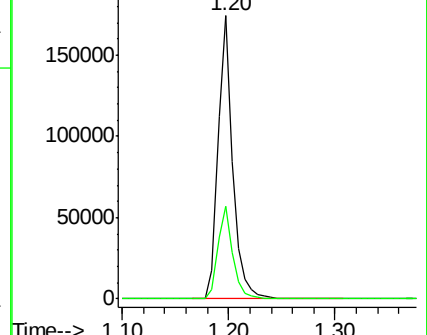
85 100

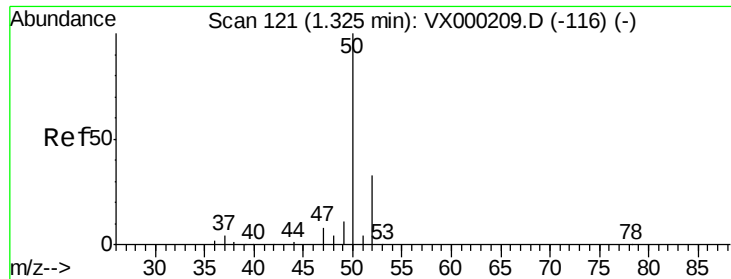
87 32.6 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 95.31 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 152405

Ion Ratio Lower Upper

50 100

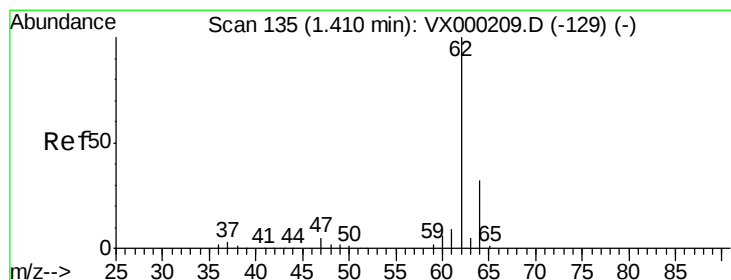
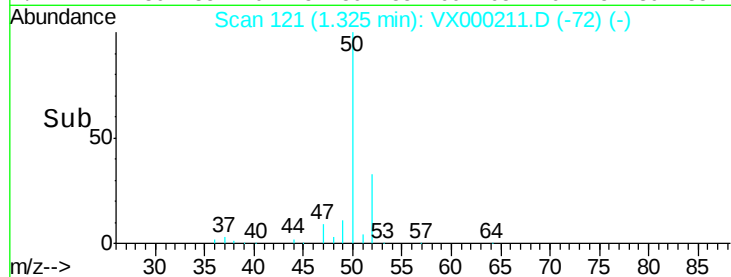
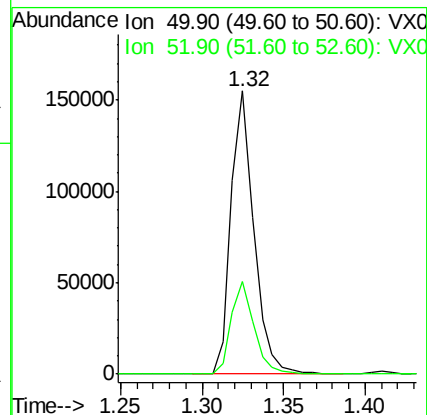
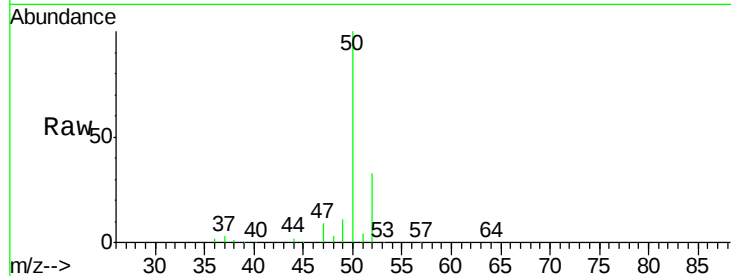
52 32.5 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 103.88 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000211.D

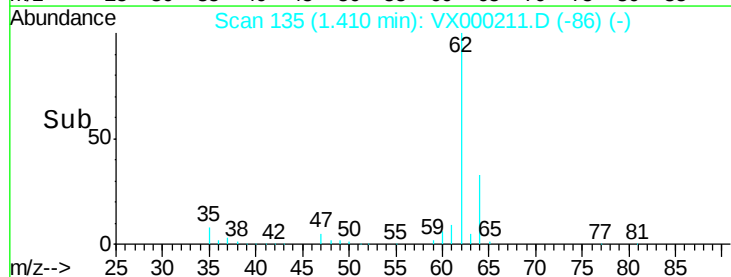
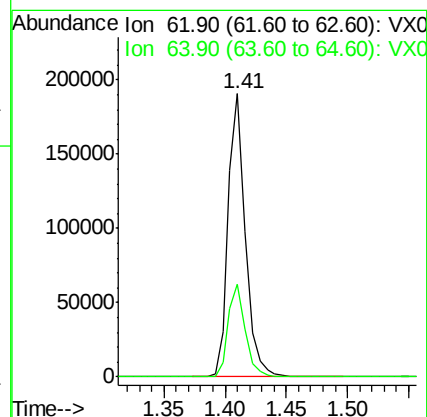
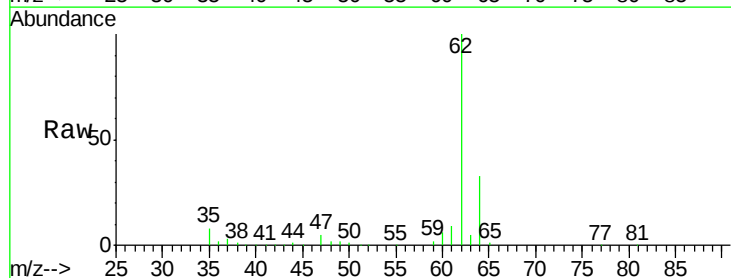
Acq: 07 Mar 2018 14:17

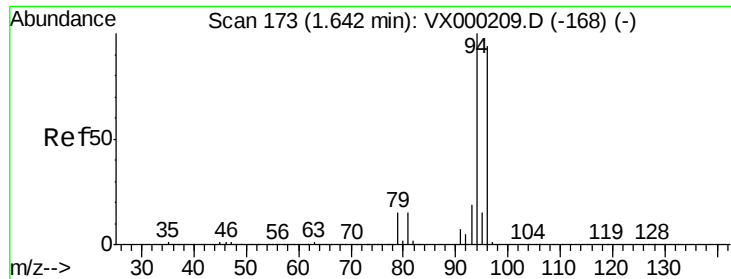
Tgt Ion: 62 Resp: 186503

Ion Ratio Lower Upper

62 100

64 32.8 25.7 38.5





#5

Bromomethane

Concen: 112.26 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tot Ion: 94 Resp: 198785

Ion Ratio Lower Upper

94 100

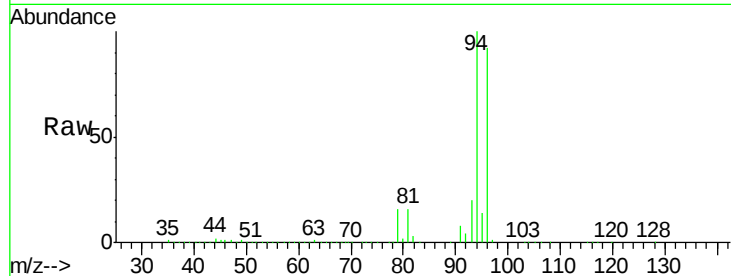
96 92.2 75.3 112.9

Manual Integrations

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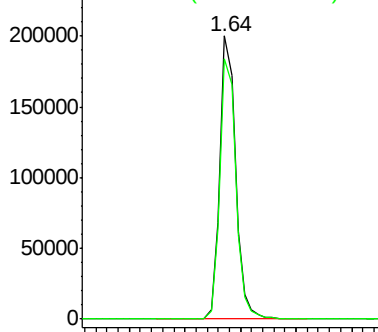
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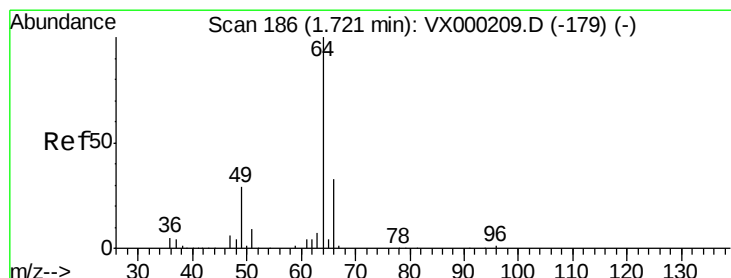
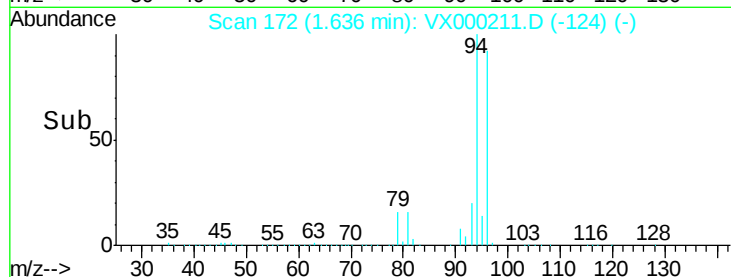


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 99.97 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX000211.D

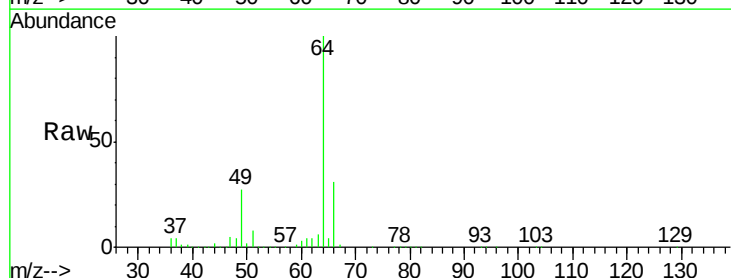
Acq: 07 Mar 2018 14:17

Tgt Ion: 64 Resp: 121498

Ion Ratio Lower Upper

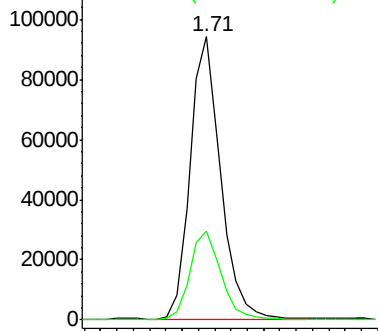
64 100

66 31.1 26.2 39.4

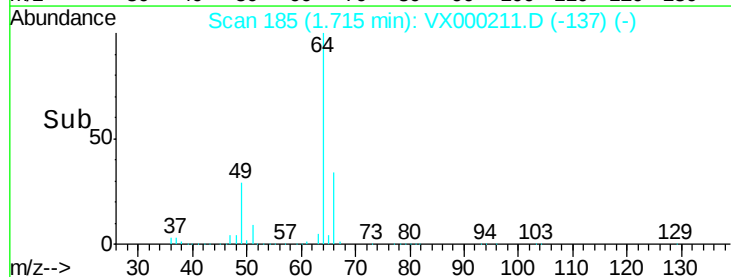


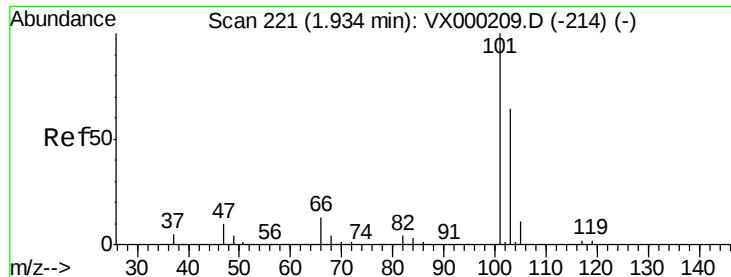
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->





#7

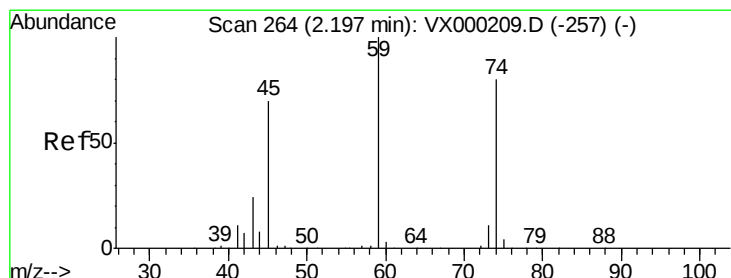
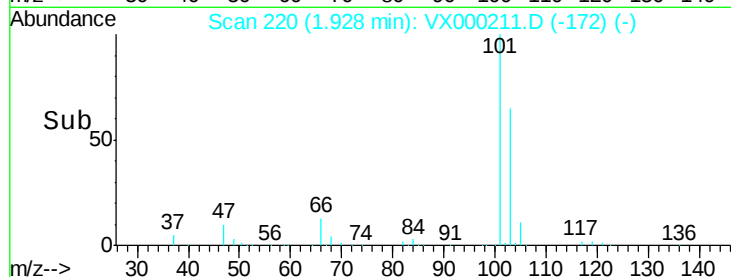
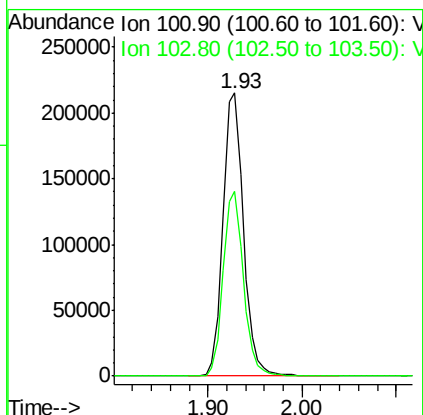
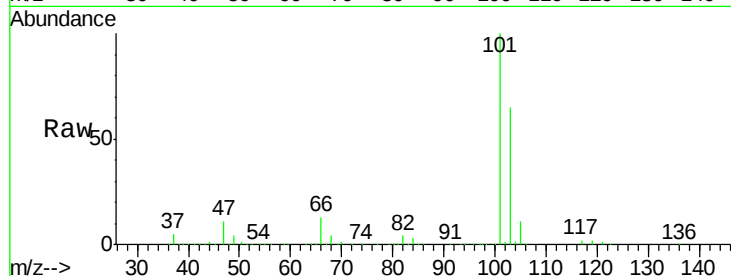
Trichlorofluoromethane
Concen: 101.05 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.01 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion:101 Resp: 324934
Ion Ratio Lower Upper
101 100
103 65.2 51.2 76.8

Manual Integrations
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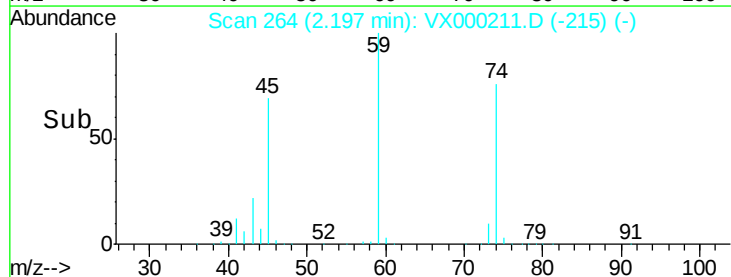
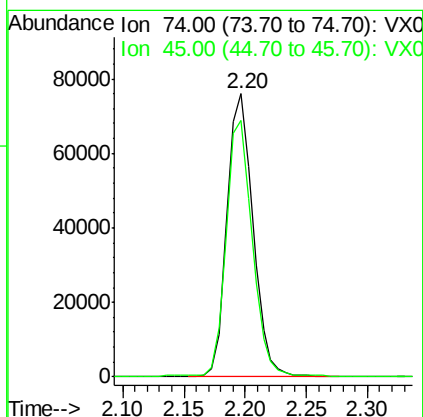
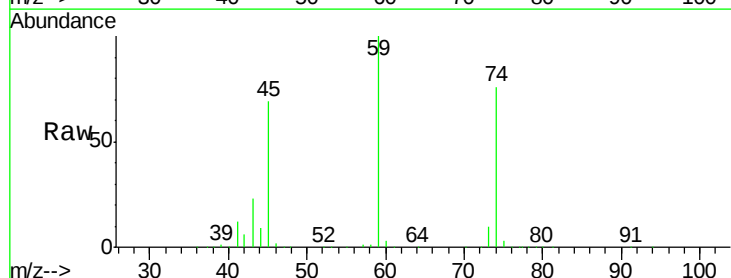
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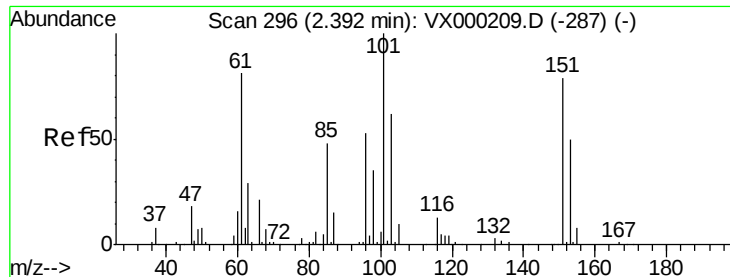


#8

Diethyl Ether
Concen: 100.78 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Tgt Ion: 74 Resp: 111925
Ion Ratio Lower Upper
74 100
45 90.7 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 96.49 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Instrument :

MSVOA_X

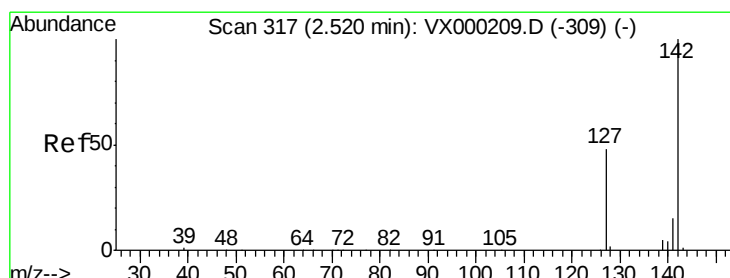
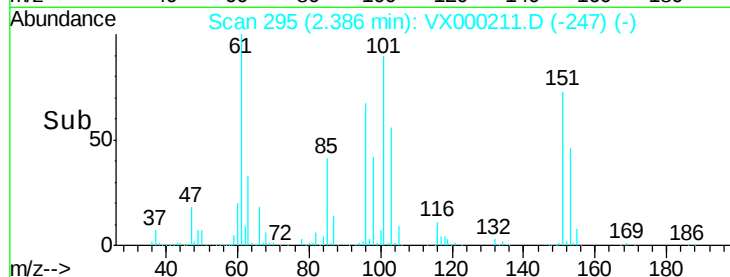
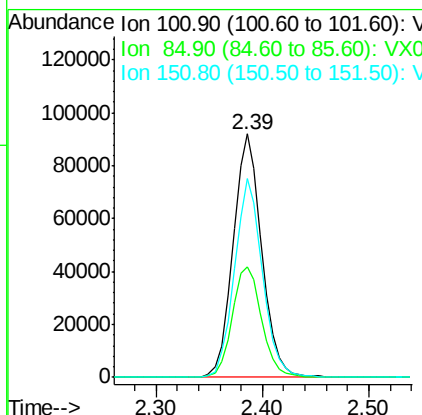
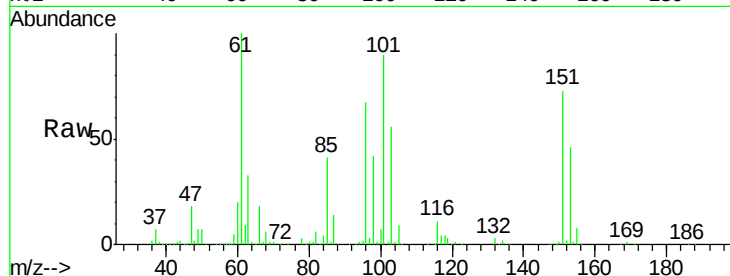
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	172783
Ion Ratio	Lower	Upper	
101	100		
85	46.9	38.3	57.5
151	80.5	62.8	94.2

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#10

Methyl Iodide

Concen: 105.34 ug/l

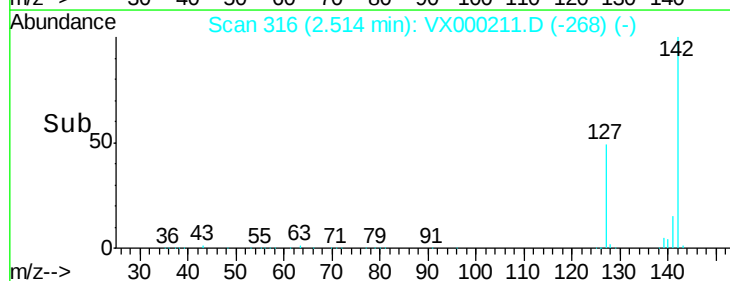
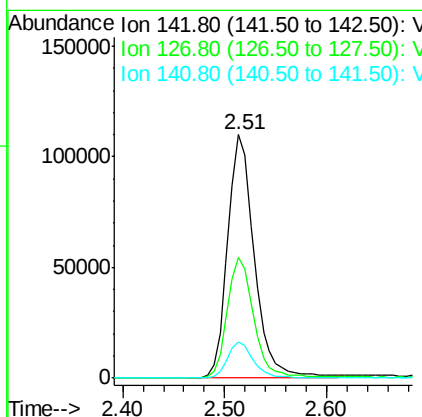
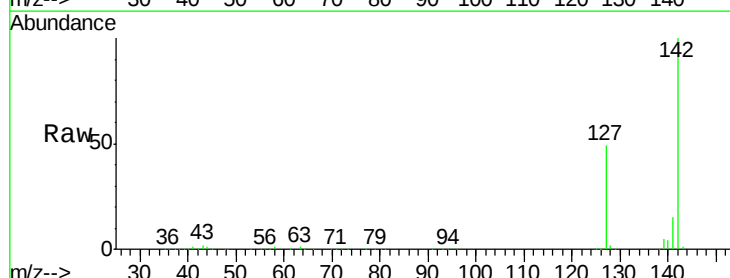
RT: 2.51 min Scan# 316

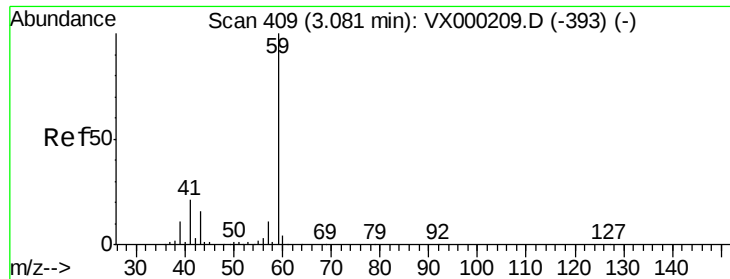
Delta R.T. -0.01 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Tgt Ion:	142	Resp:	200425
Ion Ratio	Lower	Upper	
142	100		
127	48.9	39.0	58.6
141	14.3	11.6	17.4





#11

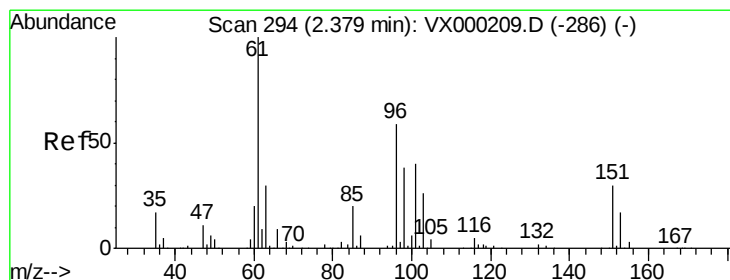
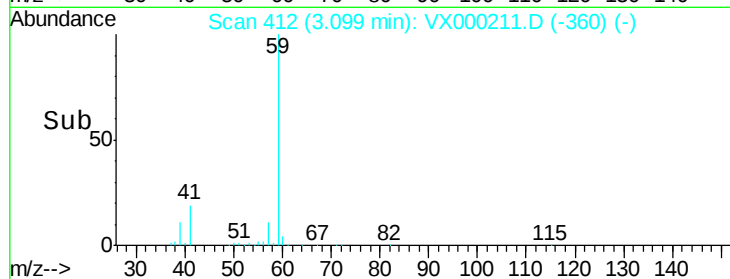
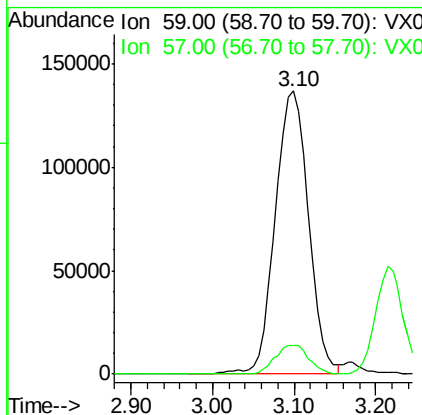
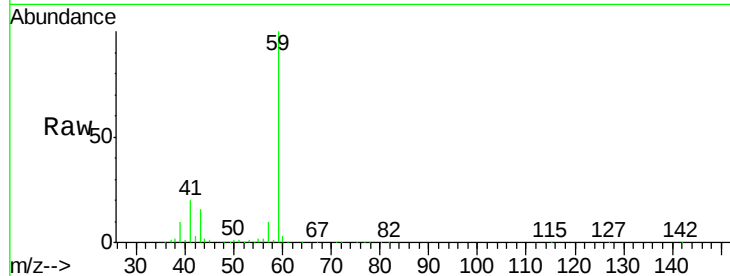
Tert butyl alcohol
Concen: 506.52 ug/l
RT: 3.10 min Scan# 412
Delta R.T. 0.02 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.4	12.6

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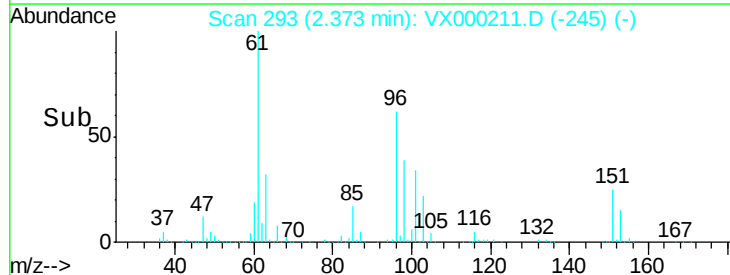
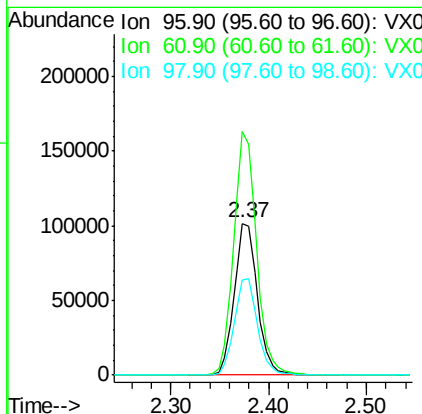
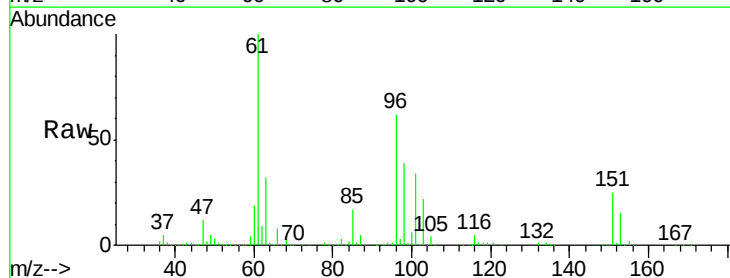
apatel
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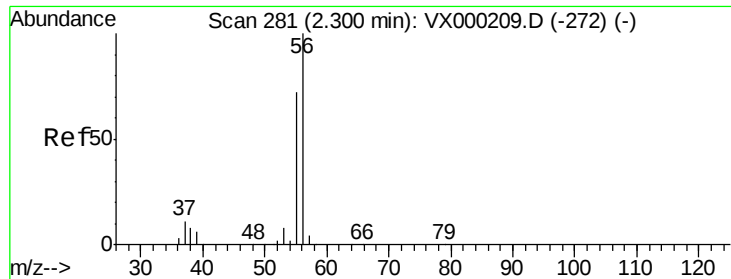


#12

1,1-Dichloroethene
Concen: 99.87 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.01 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.7	135.8	203.6
98	62.7	51.1	76.7





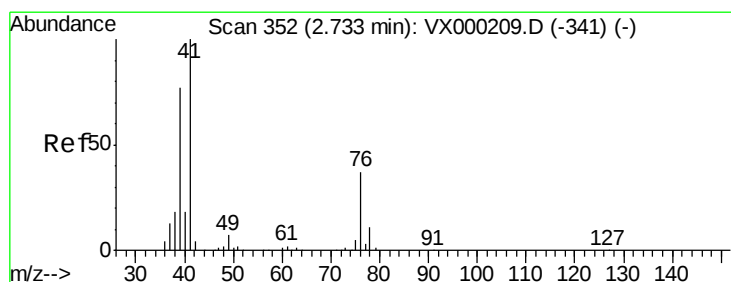
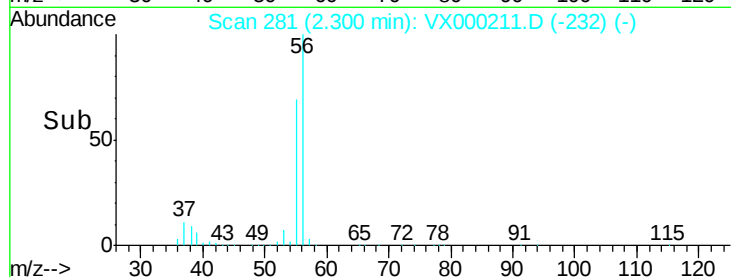
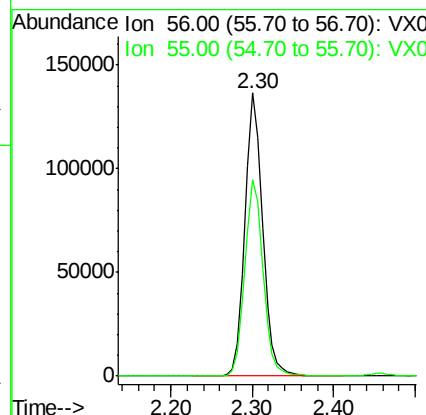
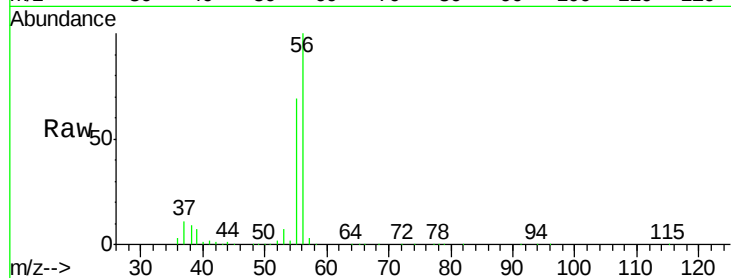
#13
Acrolein
Concen: 542.30 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Instrument :
MSVOA_X
ClientSampled :
VSTDICC100

Tot Ion	56	55	Ratio	100	71.6	Resp	204571	Lower	59.2	Upper	88.8
Ion											

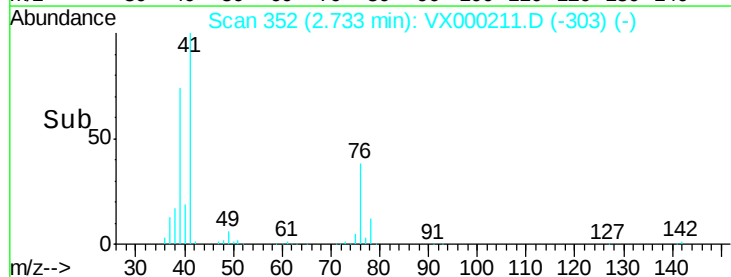
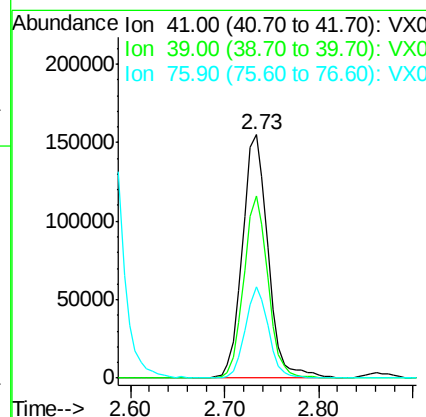
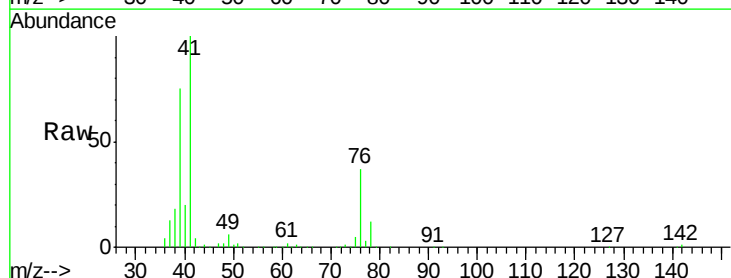
Manual Integrations
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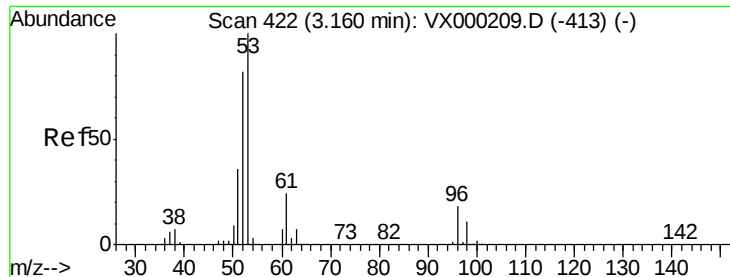
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#14
Allyl chloride
Concen: 104.63 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Tgt Ion	41	39	76	Ratio	100	70.5	34.0	Resp	294378	Lower	57.0	26.8	Upper	85.6	40.2
Ion															





#15

Acrylonitrile

Concen: 533.93 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Instrument :

MSVOA_X

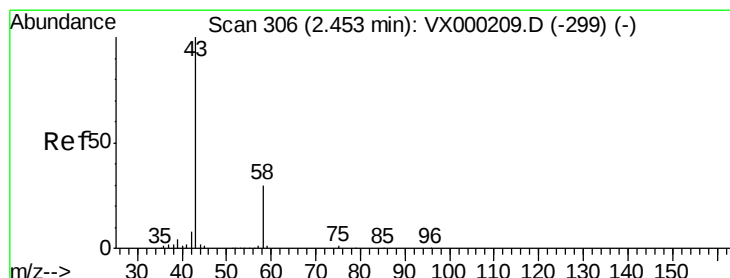
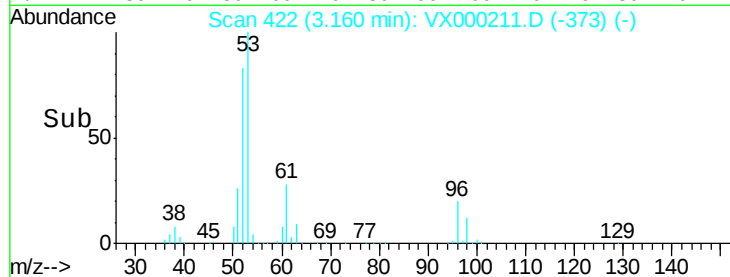
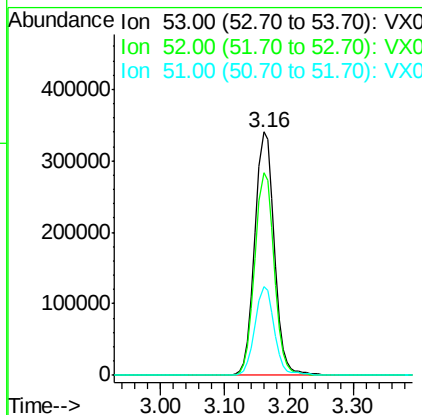
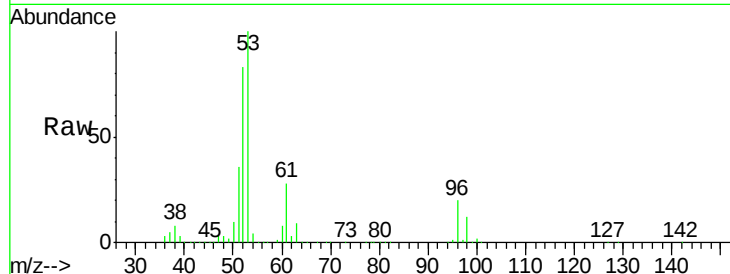
ClientSampled :

VSTDIC100

Tot Ion:	53	Resp:	704906
Ion Ratio	Lower	Upper	
53	100		
52	82.2	66.3	99.5
51	35.9	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 545.08 ug/l

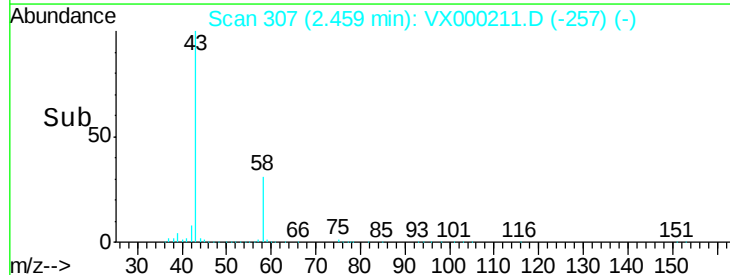
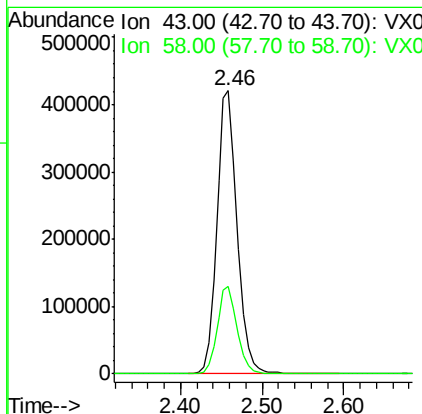
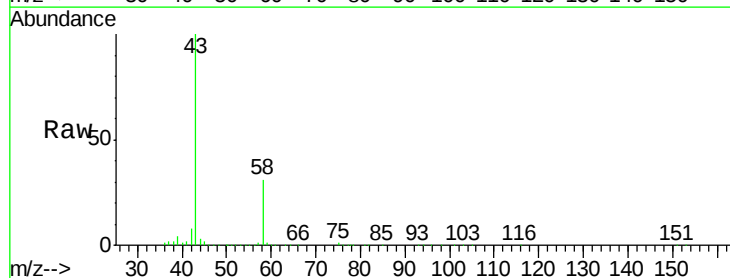
RT: 2.46 min Scan# 307

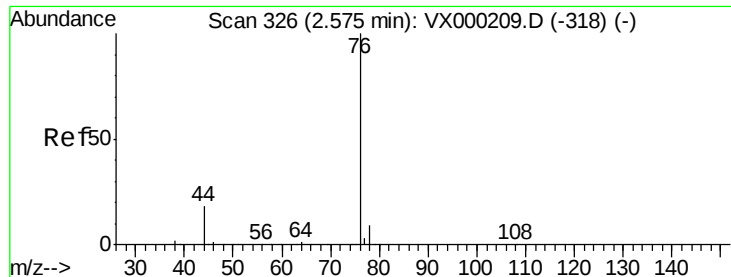
Delta R.T. 0.01 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Tgt Ion:	43	Resp:	723471
Ion Ratio	Lower	Upper	
43	100		
58	30.8	23.8	35.6





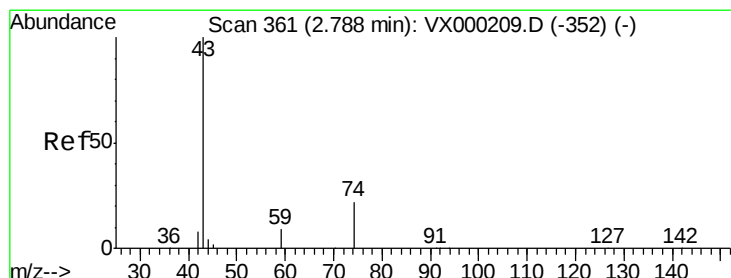
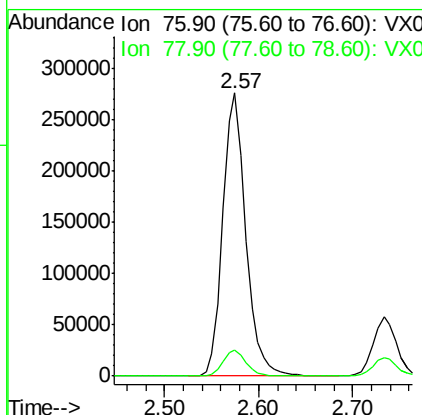
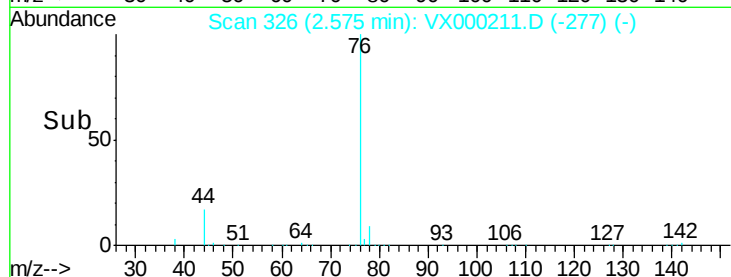
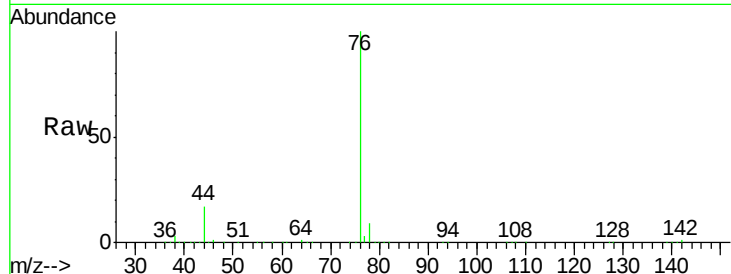
#17
Carbon Disulfide
Concen: 95.79 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.0	10.6

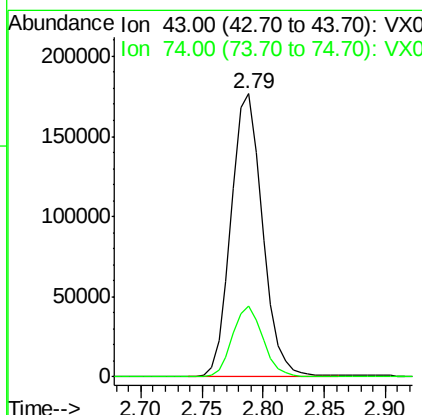
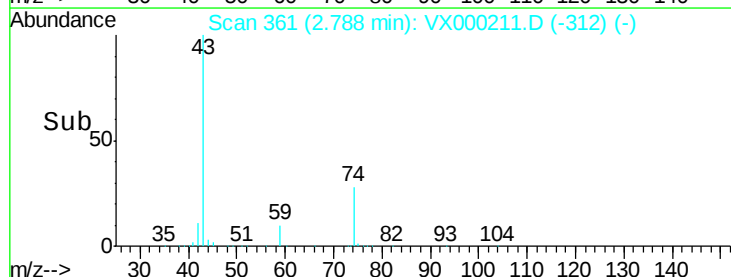
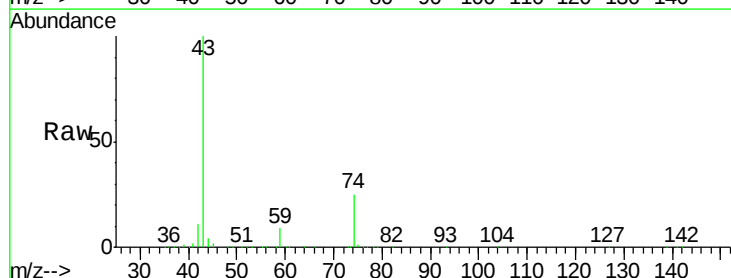
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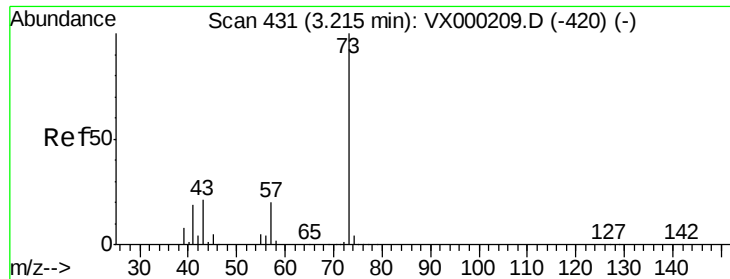
apatel
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#18
Methyl Acetate
Concen: 102.66 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.00 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	18.9	28.3





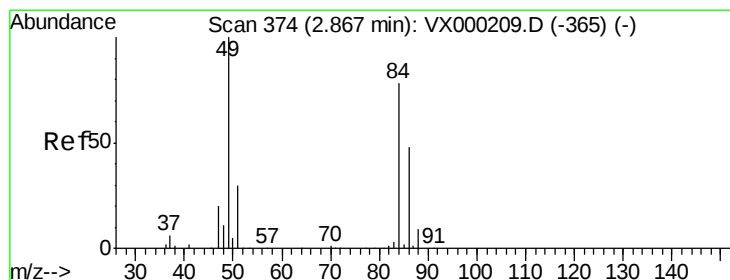
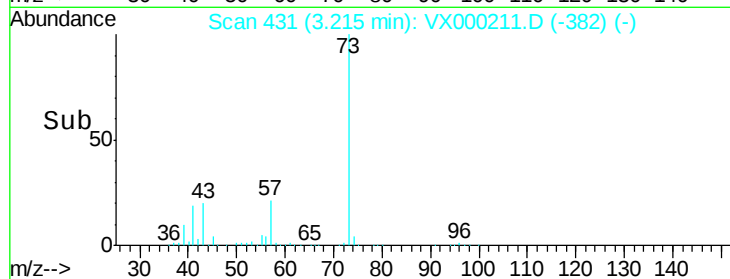
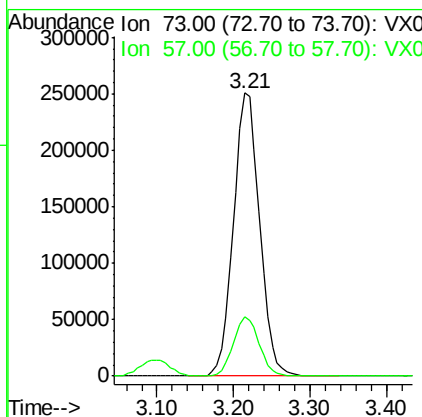
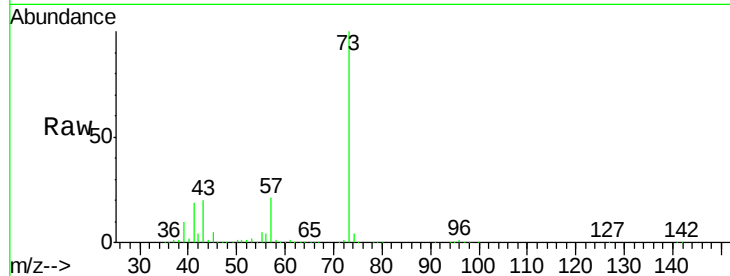
#19
Methvl tert-butvl Ether
Concen: 103.44 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Lower	Upper
73	73	100		
57	57	20.8	16.3	24.5

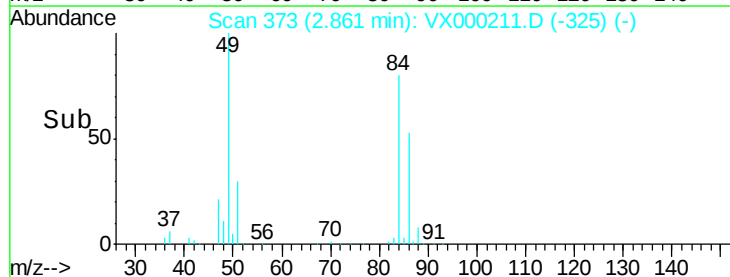
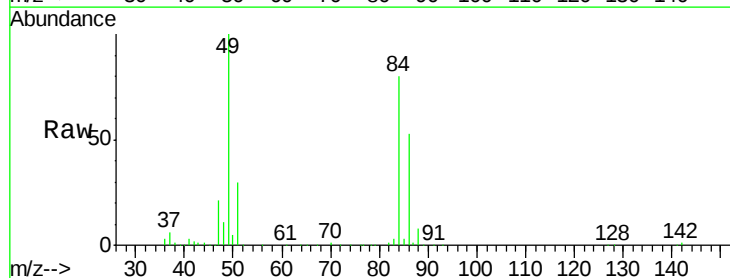
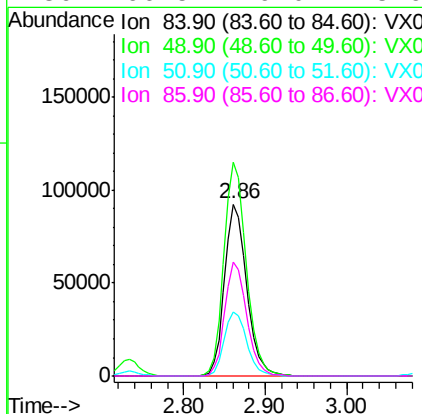
Manual Integrations
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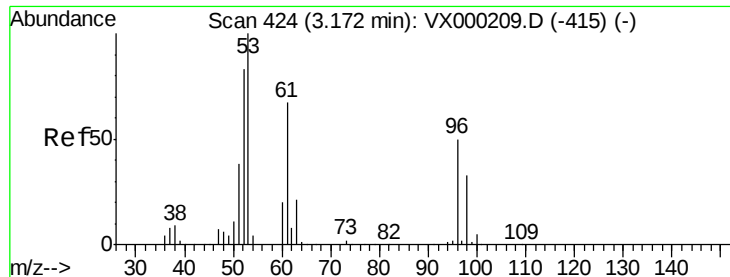
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#20
Methylene Chloride
Concen: 93.54 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Tgt Ion	Ion	Ratio	Lower	Upper
84	84	100		
49	49	124.4	102.1	153.1
51	51	37.5	30.6	45.8
86	86	66.5	49.0	73.6





#21

trans-1,2-Dichloroethene

Concen: 102.14 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Instrument :

MSVOA_X

ClientSampled :

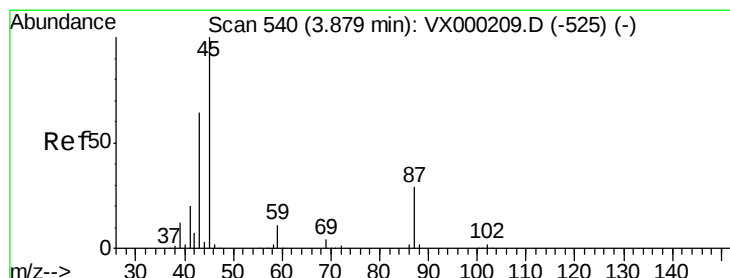
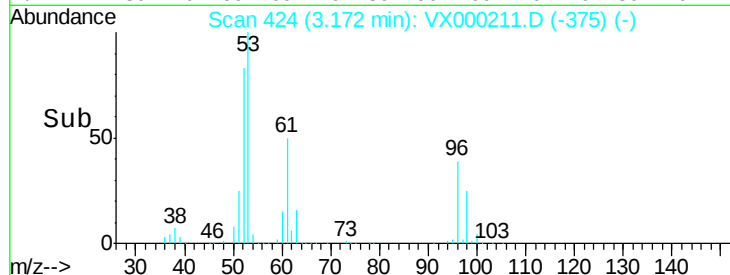
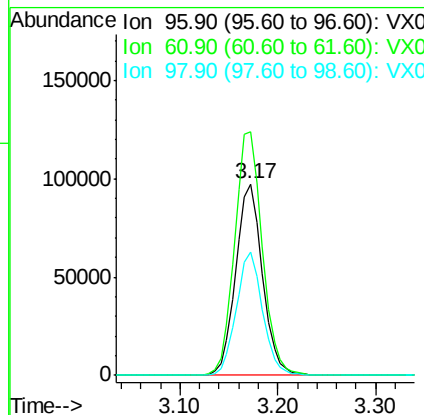
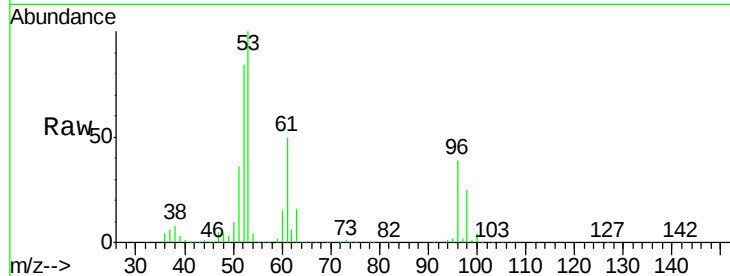
VSTDIC100

Tot Ion: 96 Resp: 184822

Ion	Ratio	Lower	Upper
96	100		
61	127.1	107.0	160.4
98	64.5	51.8	77.8

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#22

Diisopropyl ether

Concen: 100.97 ug/l

RT: 3.89 min Scan# 541

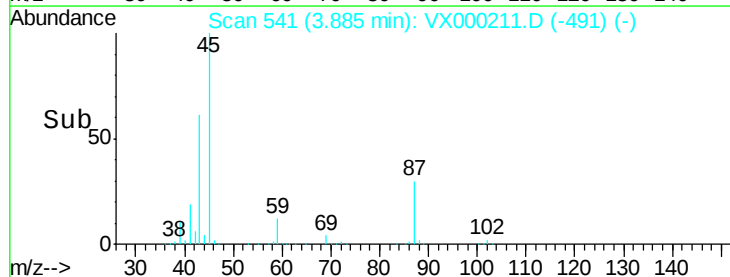
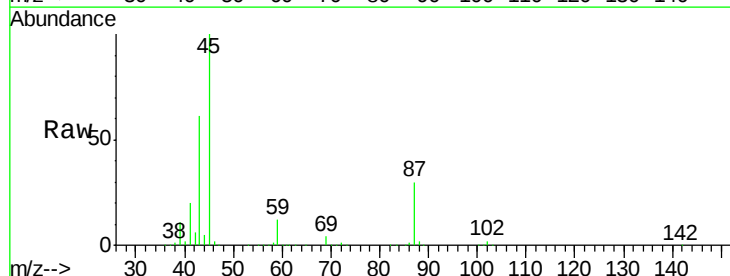
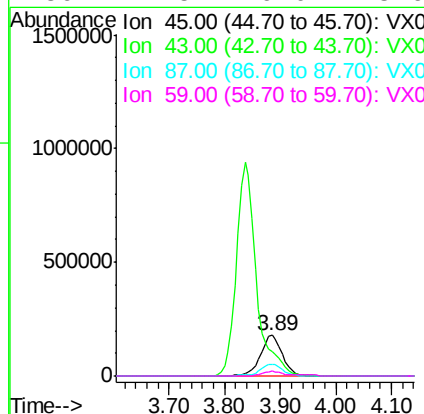
Delta R.T. 0.01 min

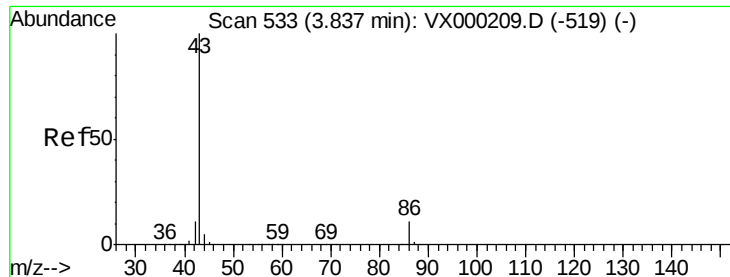
Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Tgt Ion: 45 Resp: 490001

Ion	Ratio	Lower	Upper
45	100		
43	61.0	53.5	80.3
87	29.9	23.3	34.9
59	11.5	9.0	13.6





#23

Vinyl Acetate

Concen: 514.20 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tot Ion: 43 Resp: 2350224

Ion Ratio Lower Upper

43 100

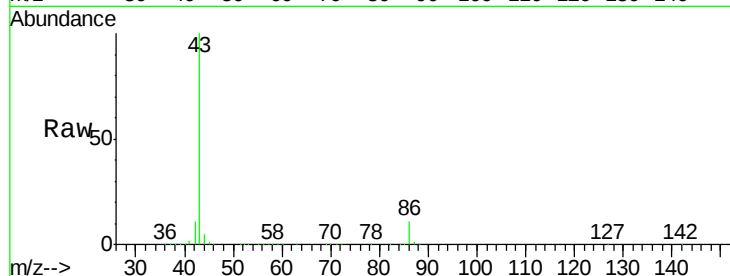
86 11.0 8.5 12.7

Manual Integrations

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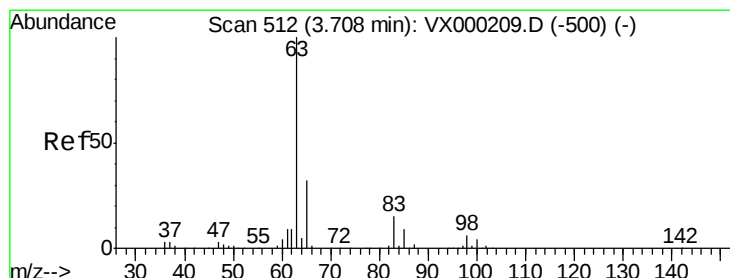
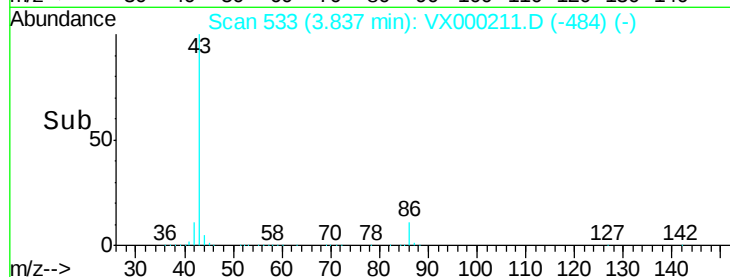
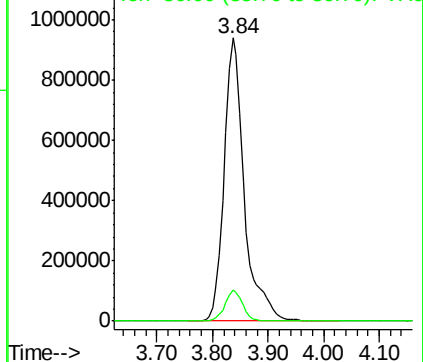
apatel

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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: 99.30 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

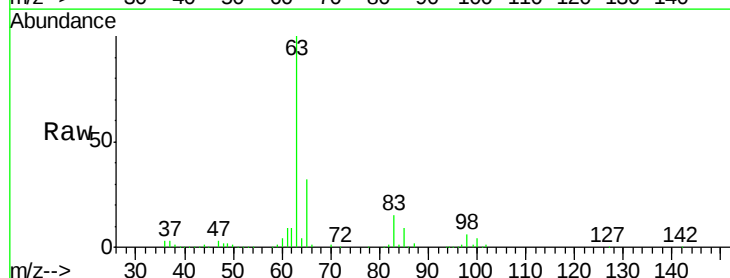
Tgt Ion: 63 Resp: 296360

Ion Ratio Lower Upper

63 100

98 6.2 3.1 9.4

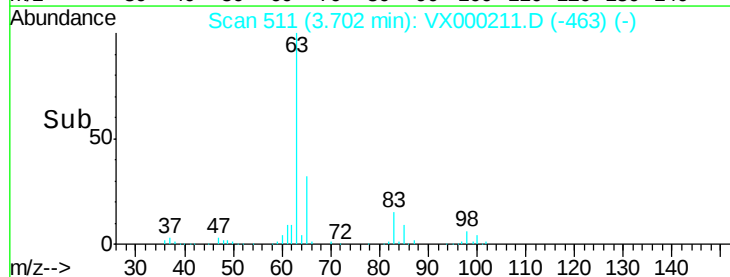
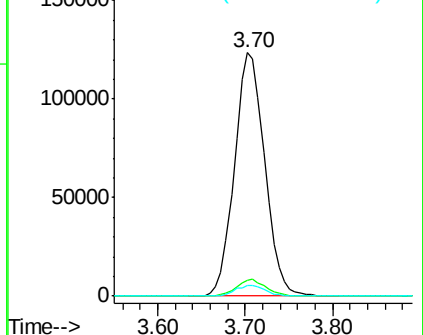
100 4.2 2.2 6.6

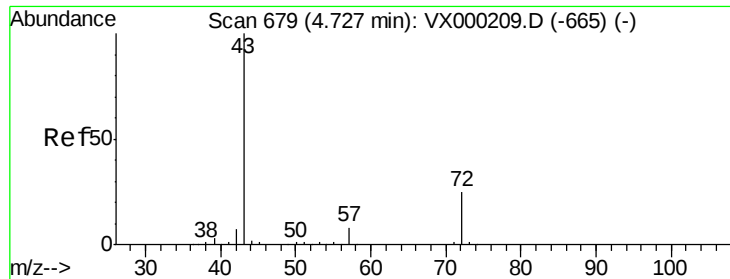


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 519.64 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 943039

Ion Ratio Lower Upper

43 100

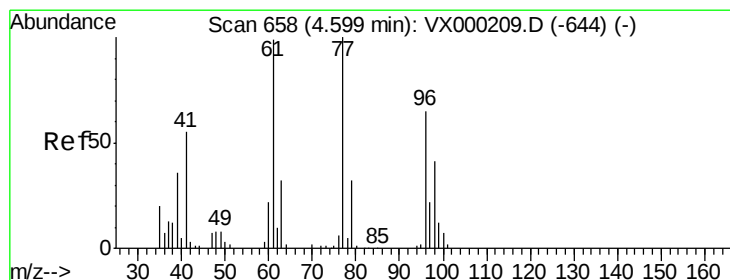
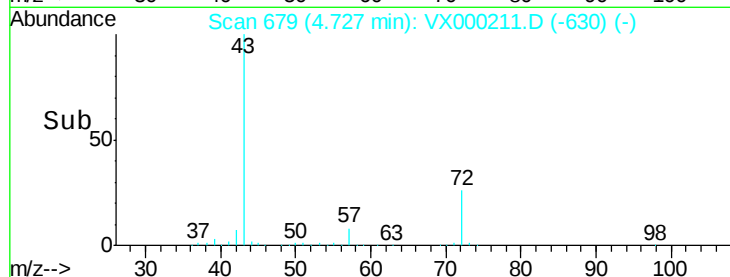
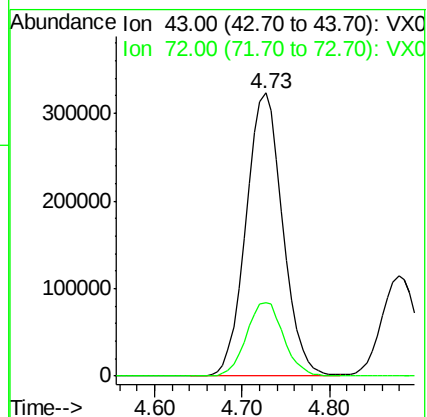
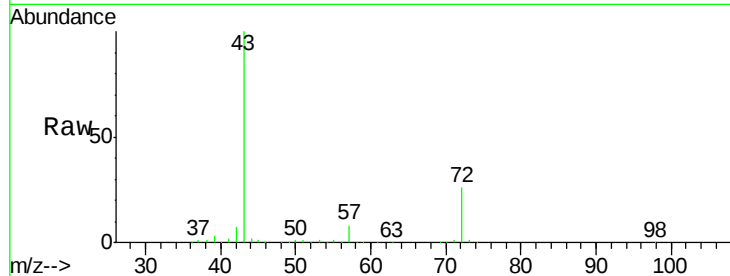
72 25.9 20.2 30.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 94.75 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000211.D

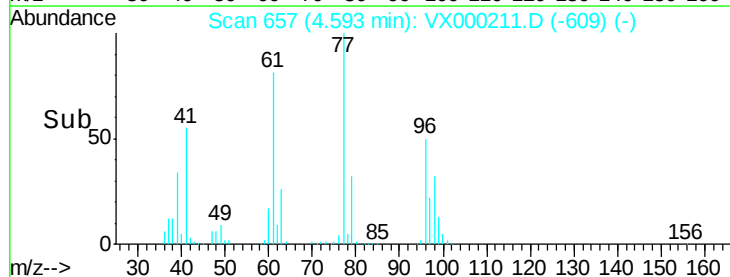
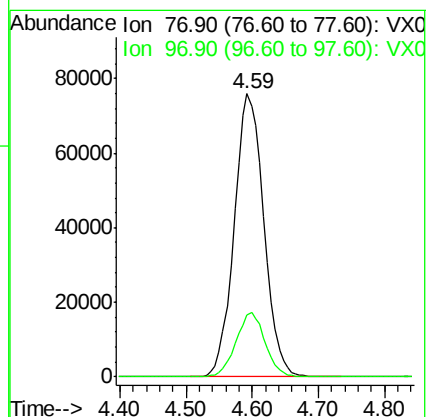
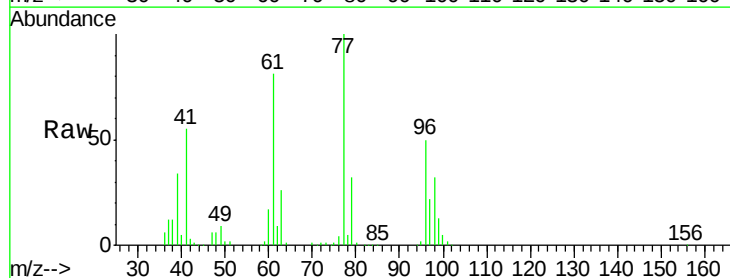
Acq: 07 Mar 2018 14:17

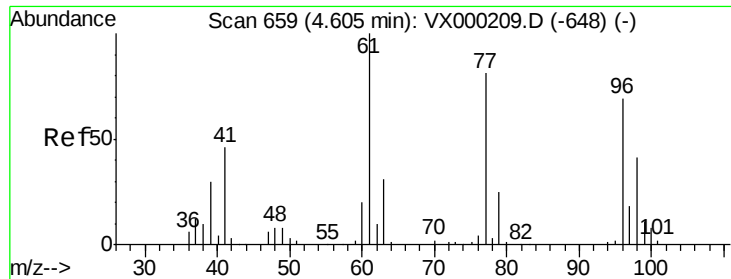
Tgt Ion: 77 Resp: 235232

Ion Ratio Lower Upper

77 100

97 22.4 11.4 34.1





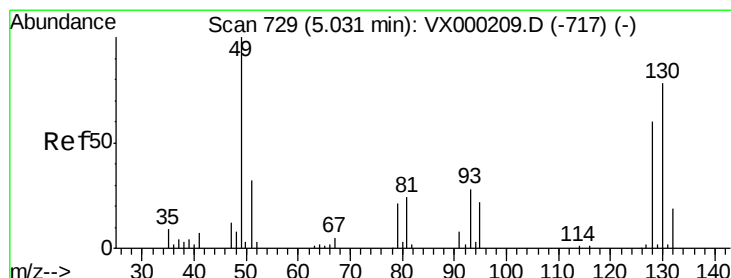
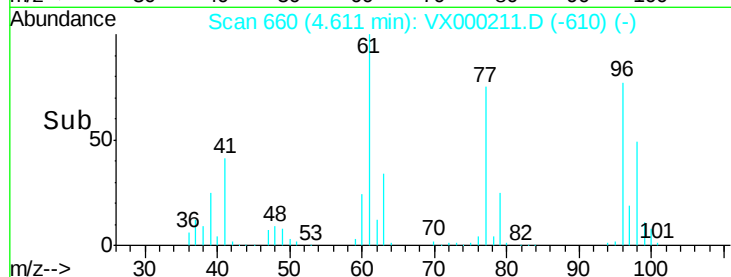
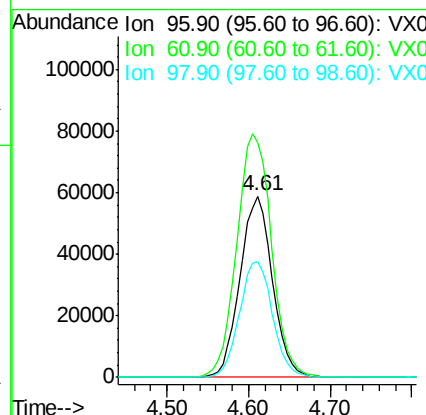
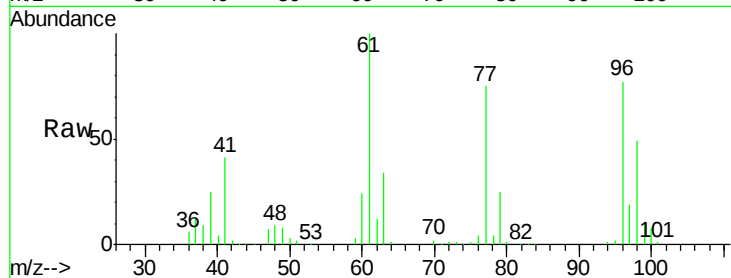
#27
 cis-1,2-Dichloroethene
 Concen: 94.98 ug/l
 RT: 4.61 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: VX000211.D
 Acq: 07 Mar 2018 14:17

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
96	100	162264		
61	144.0	0.0	296.4	
98	65.2	0.0	130.6	

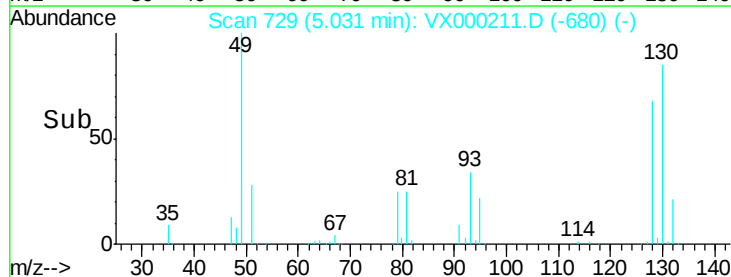
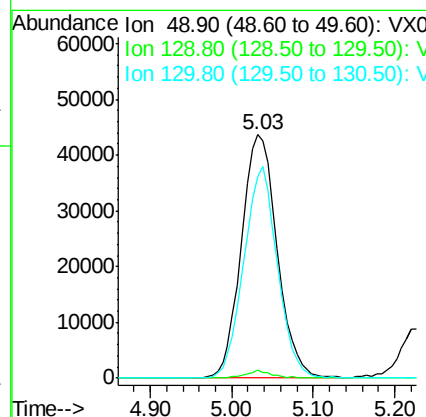
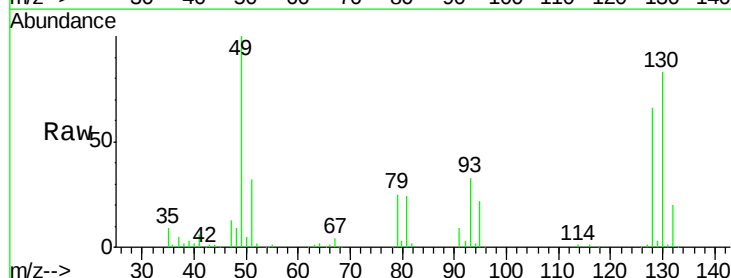
Manual Integrations
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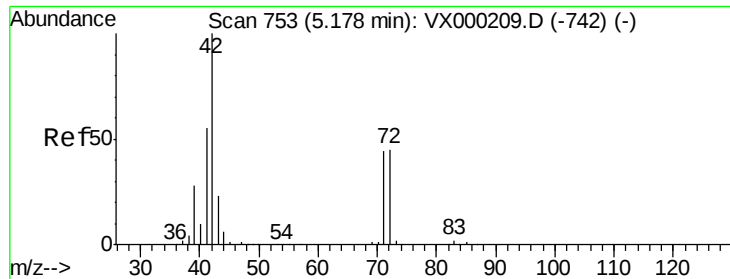
apatel
 3/8/2018 10:42:38 AM



#28
 Bromochloromethane
 Concen: 101.63 ug/l
 RT: 5.03 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: VX000211.D
 Acq: 07 Mar 2018 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	133008		
129	2.3	0.0	5.0	
130	82.0	63.5	95.3	





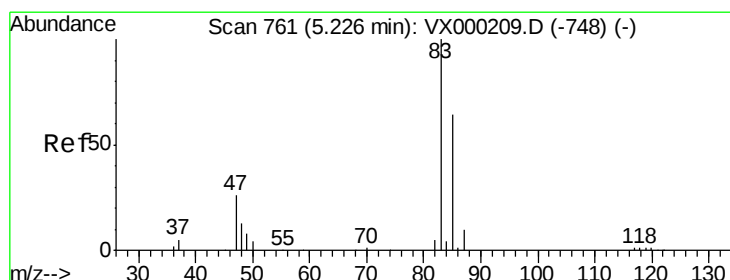
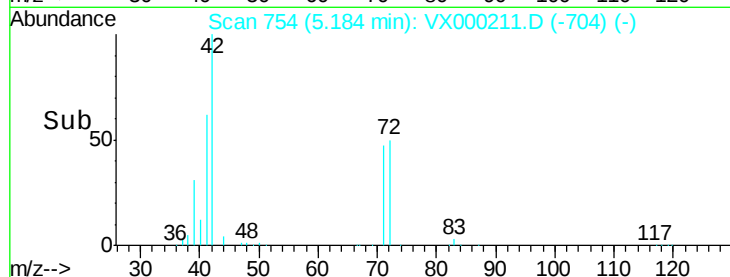
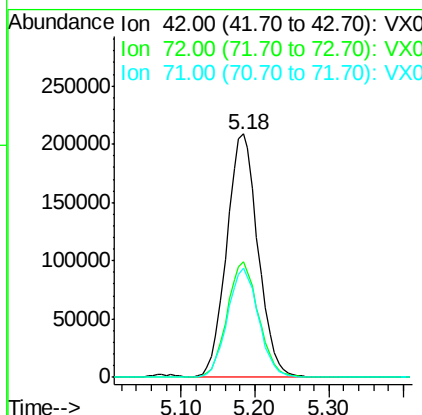
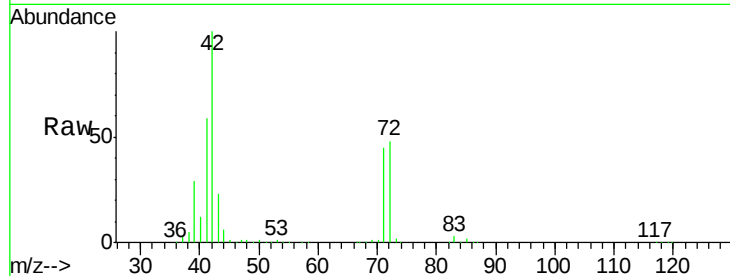
#29
Tetrahydrofuran
Concen: 521.99 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Instrument :
MSVOA_X
ClientSampled :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.8	37.3	55.9
71	44.5	35.0	52.4

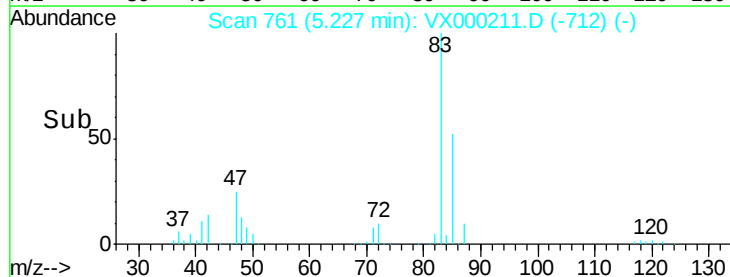
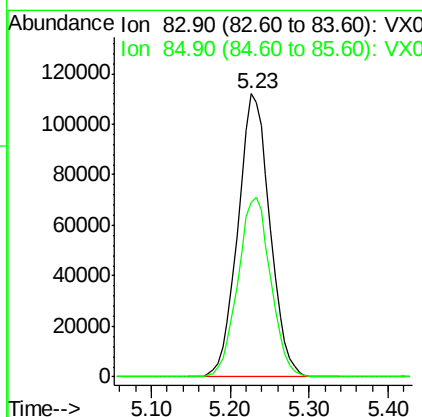
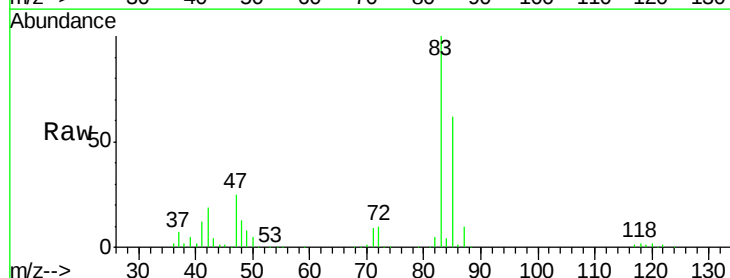
Manual Integrations
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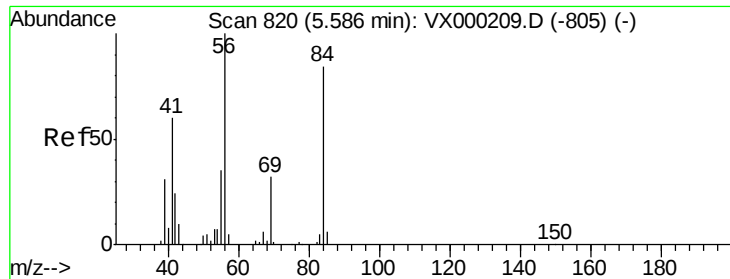
apatel
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#30
Chloroform
Concen: 103.83 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.8	51.0	76.6





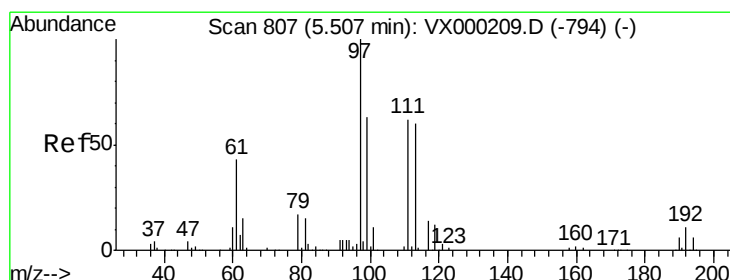
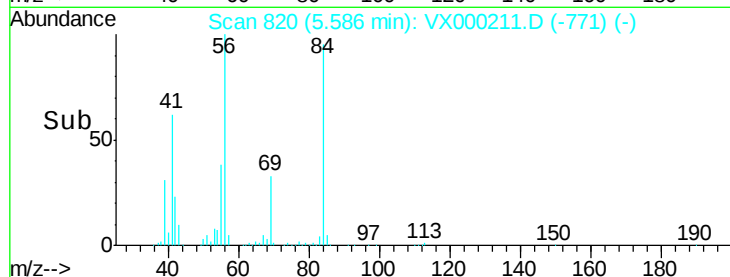
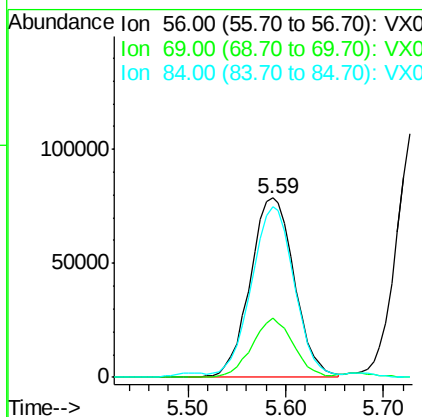
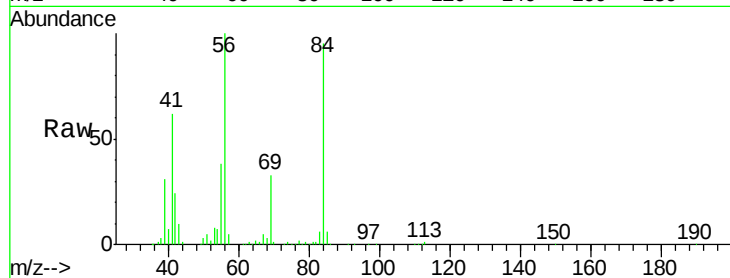
#31
Cvclohexane
Concen: 98.84 ug/l
RT: 5.59 min Scan# 820
Delta R.T. 0.00 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.1	25.3	37.9
84	93.1	67.2	100.8

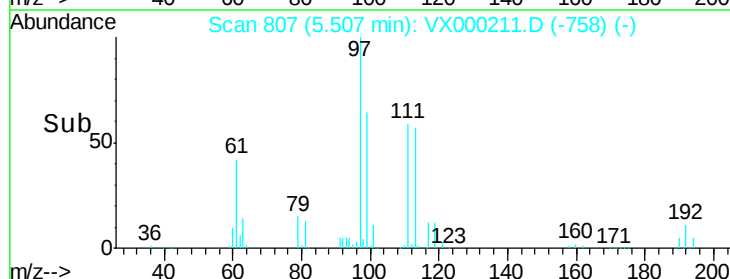
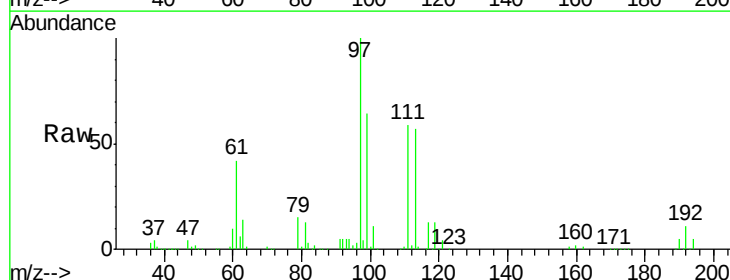
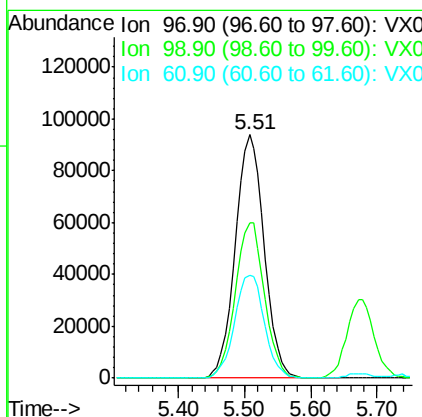
Manual Integrations
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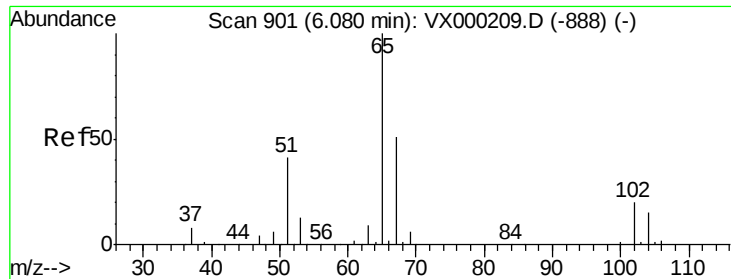
apatel
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#32
1,1,1-Trichloroethane
Concen: 101.96 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	50.9	76.3
61	43.9	35.4	53.0





#33

1,2-Dichloroethane-d4

Concen: 104.31 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Tot Ion: 65 Resp: 210605

Ion Ratio Lower Upper

65 100

67 50.2 0.0 103.4

Instrument :

MSVOA_X

ClientSampled :

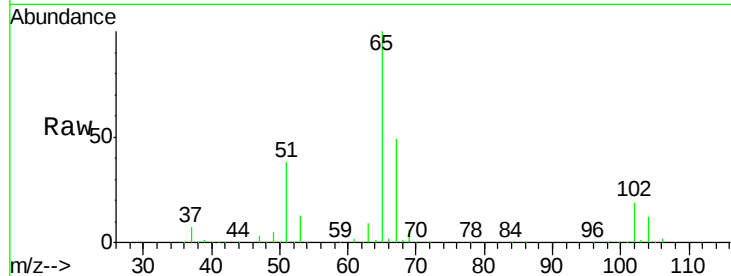
VSTDIC100

Manual Integrations

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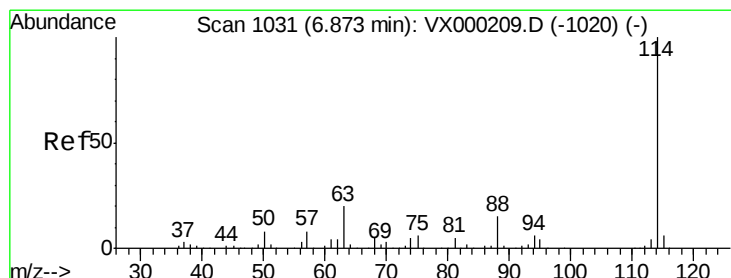
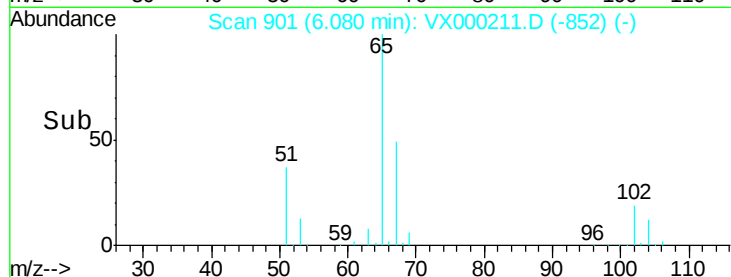
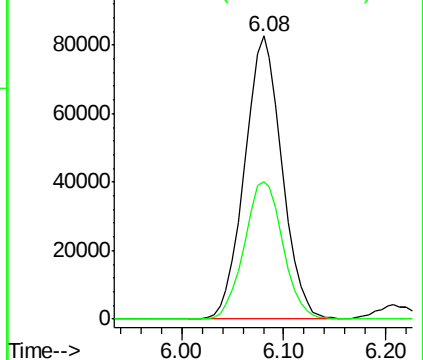
apatel

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

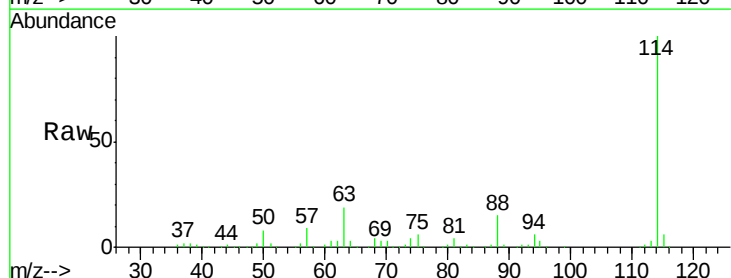
Tgt Ion: 114 Resp: 262603

Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.2

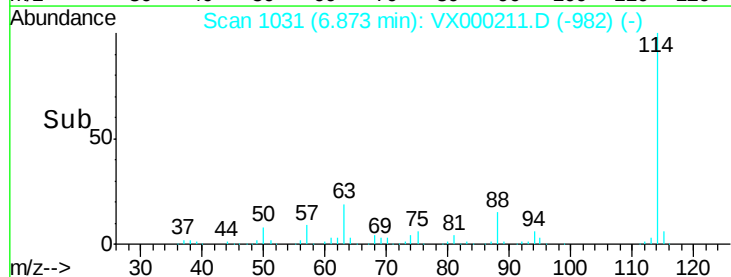
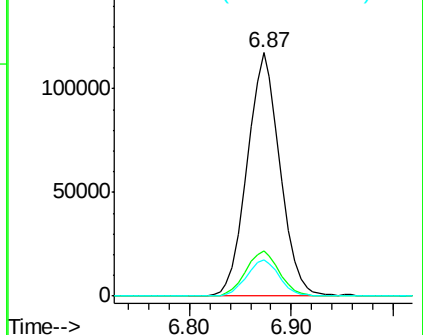
88 15.1 0.0 29.8

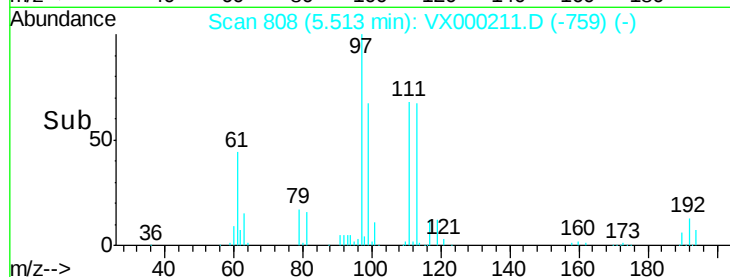
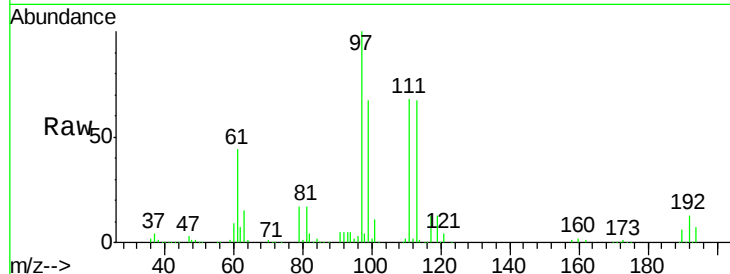
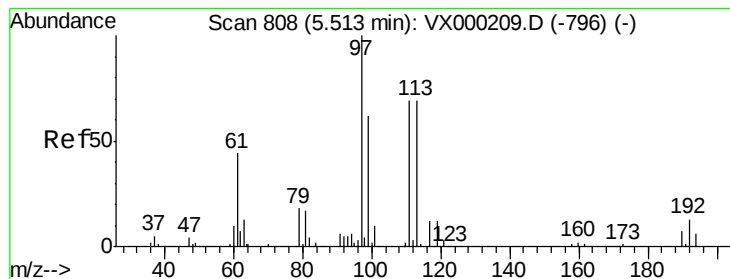


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 101.57 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000211.D

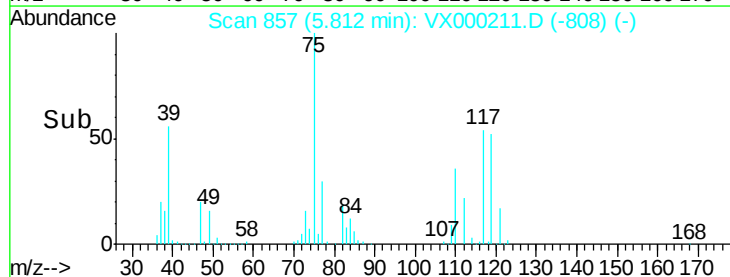
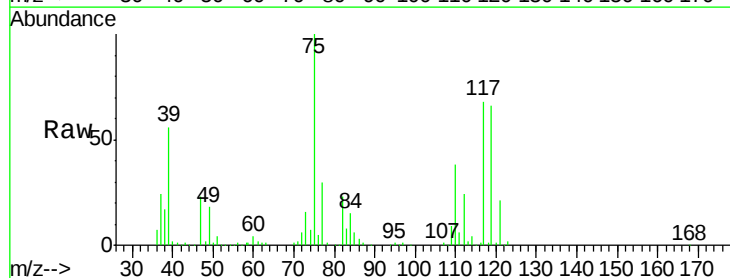
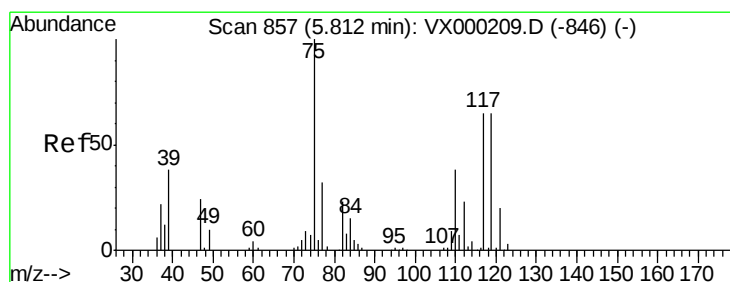
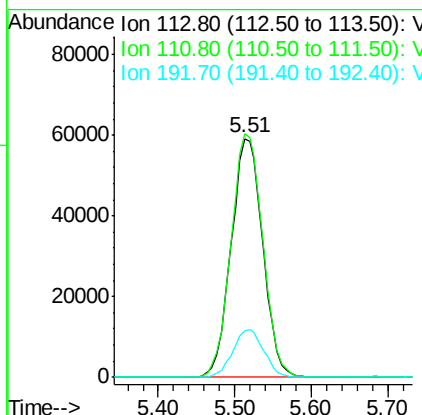
Acq: 07 Mar 2018 14:17

Tot Ion:	113	Resp:	168924
Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.0	124.6
192	19.8	15.5	23.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

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#36

1,1-Dichloropropene

Concen: 98.32 ug/l

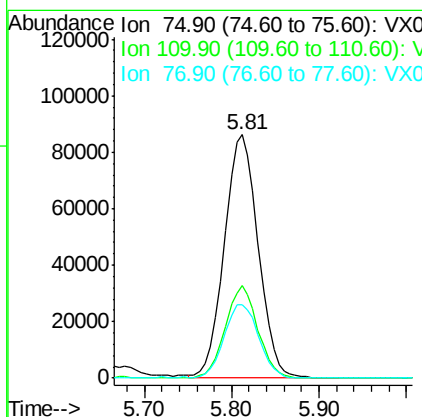
RT: 5.81 min Scan# 857

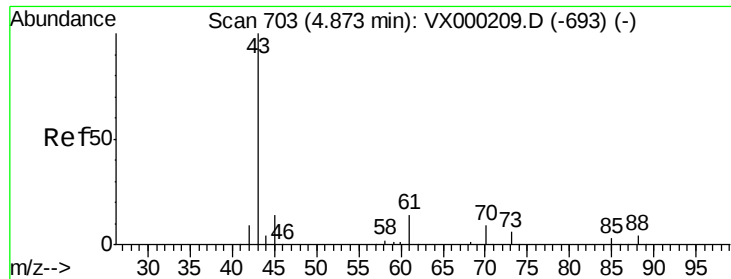
Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Tgt Ion:	75	Resp:	232194
Ion	Ratio	Lower	Upper
75	100		
110	36.3	17.8	53.5
77	30.6	24.9	37.3





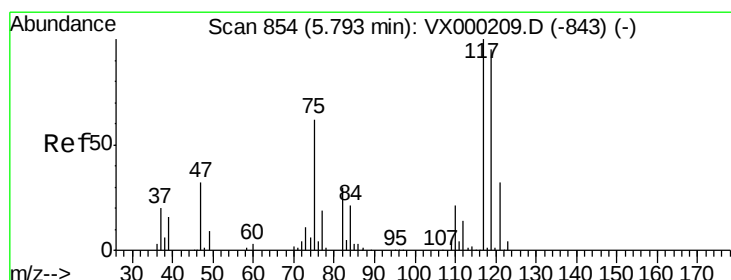
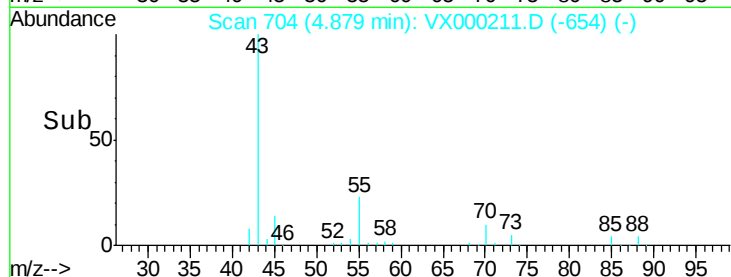
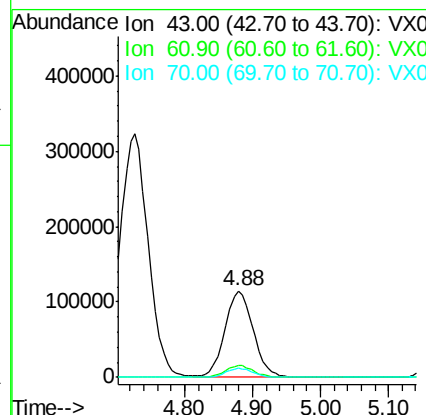
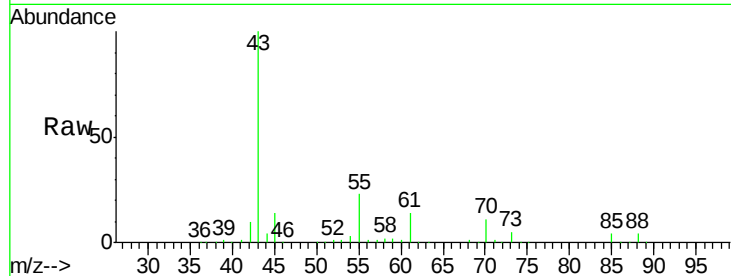
#37
Ethyl Acetate
Concen: 101.49 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.0	16.6
70	10.1	7.8	11.6

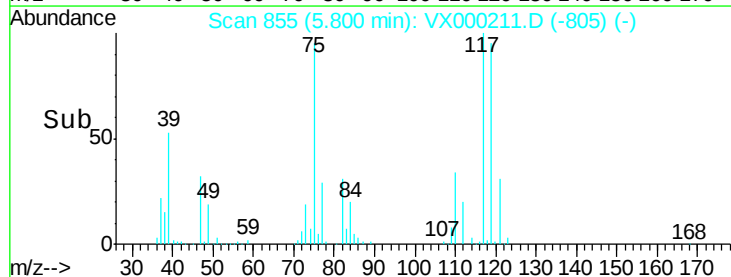
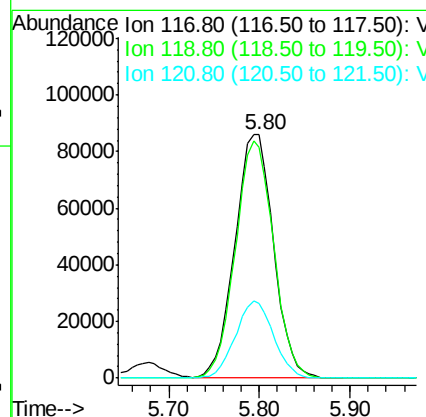
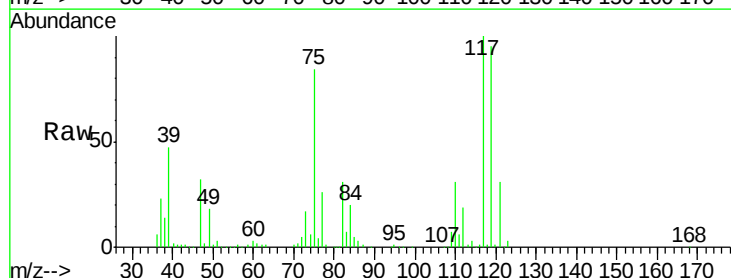
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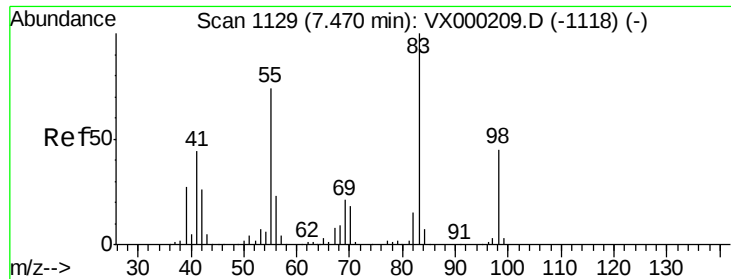
apatel
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#38
Carbon Tetrachloride
Concen: 100.78 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.01 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.9	113.9
121	30.8	25.8	38.6





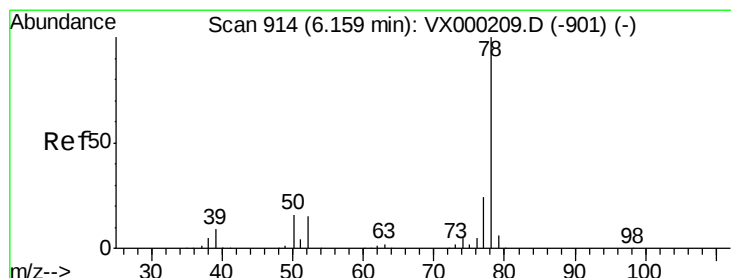
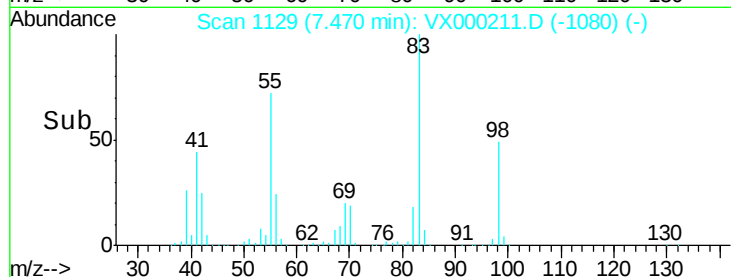
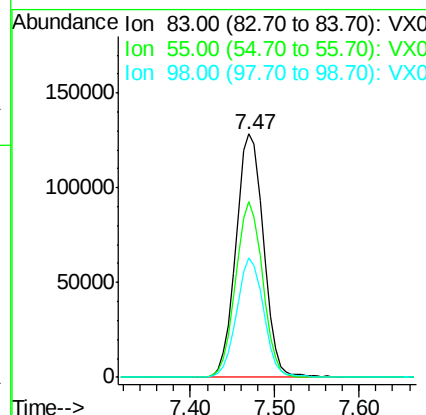
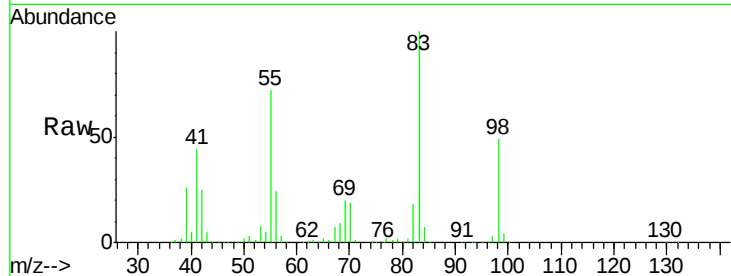
#39
Methvlcvclohexane
Concen: 99.74 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.1	59.4	89.0
98	48.8	36.3	54.5

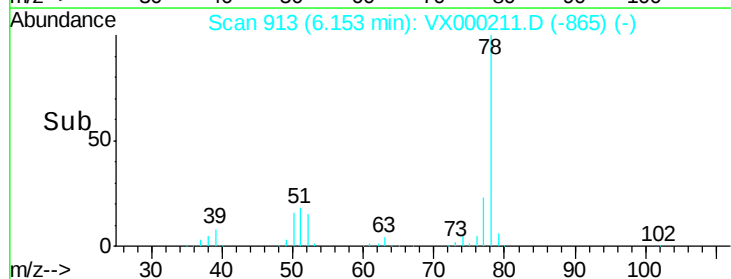
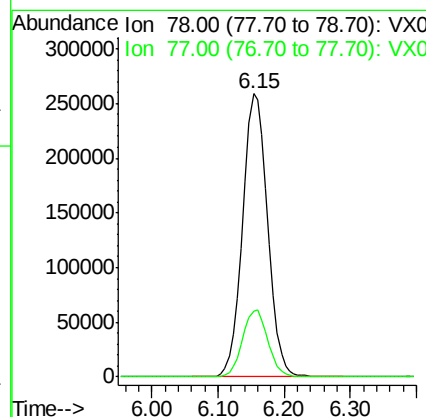
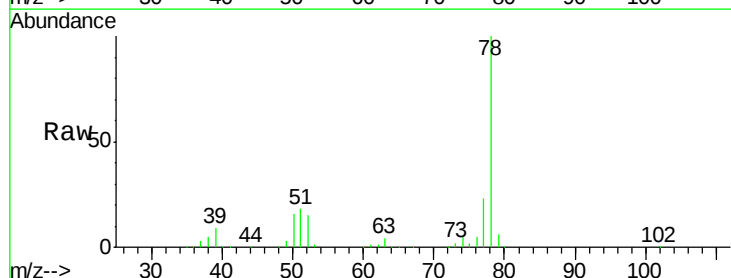
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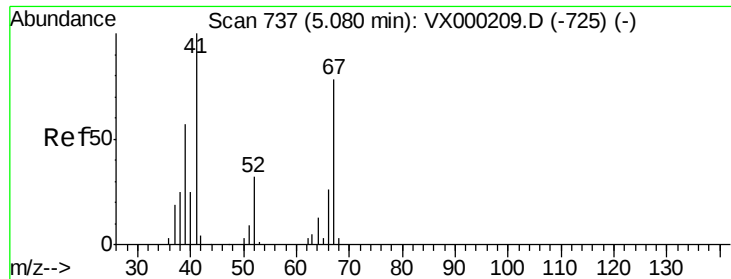
apatel
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#40
Benzene
Concen: 100.48 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.01 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.4	29.2





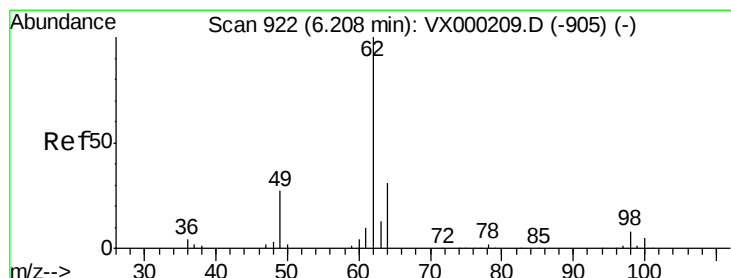
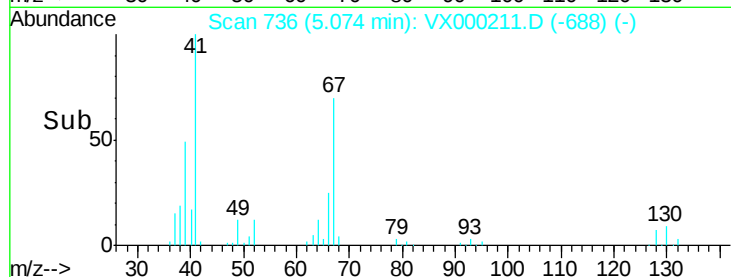
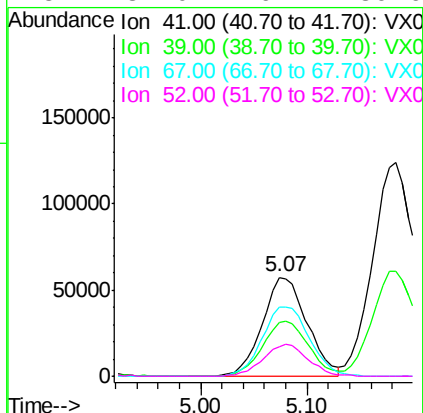
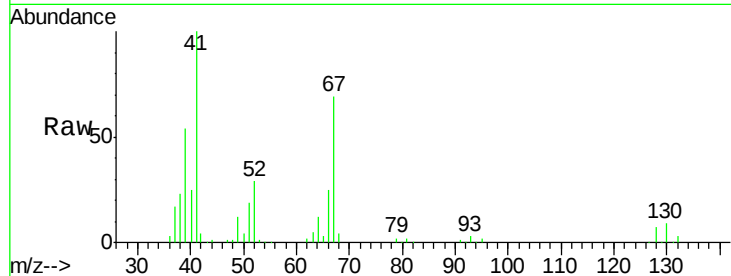
#41
Methacrylonitrile
Concen: 97.61 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.01 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion:	41	Resp:	166104
Ion	Ratio	Lower	Upper
41	100		
39	57.0	47.8	71.6
67	75.0	59.3	88.9
52	32.0	26.4	39.6

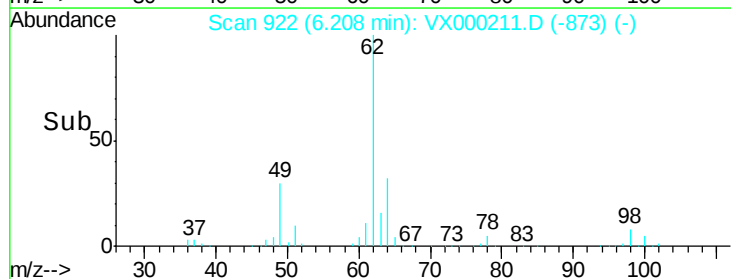
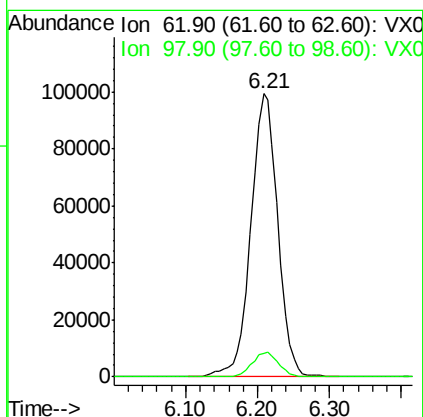
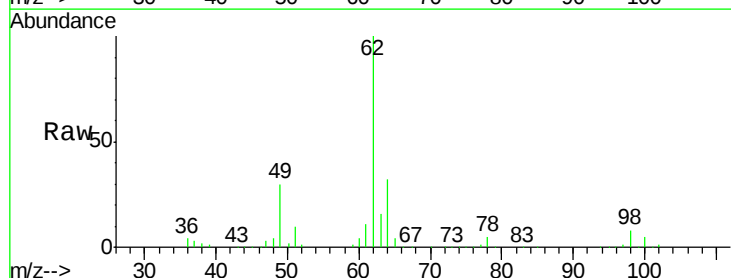
Manual Integrations
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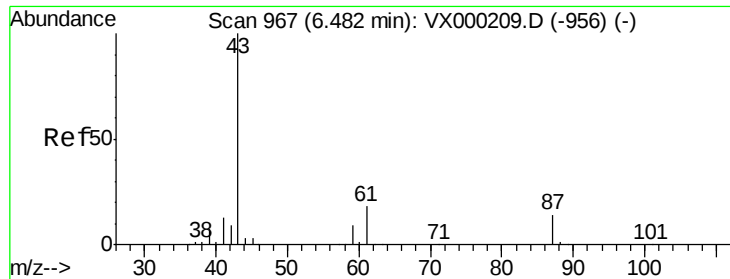
apatel
3/8/2018 10:42:38 AM



#42
1,2-Dichloroethane
Concen: 103.18 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Tgt Ion:	62	Resp:	258370
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.2





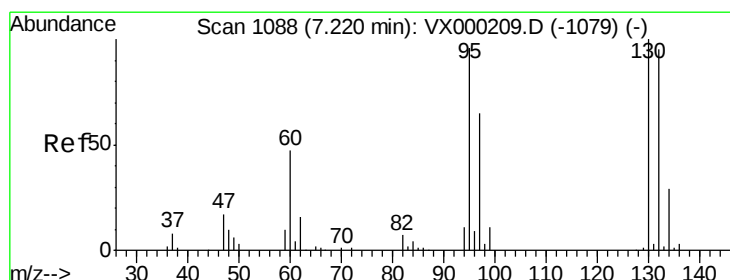
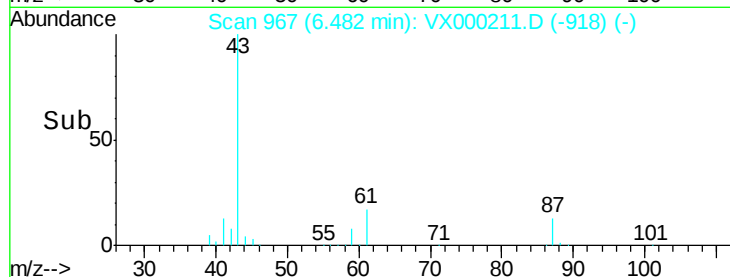
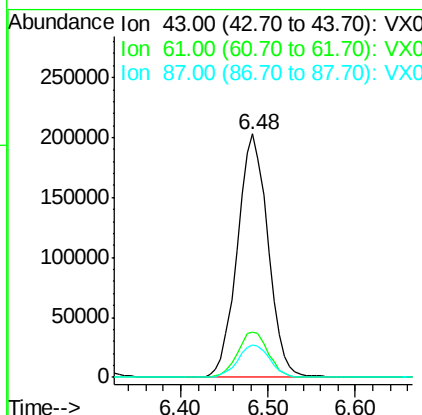
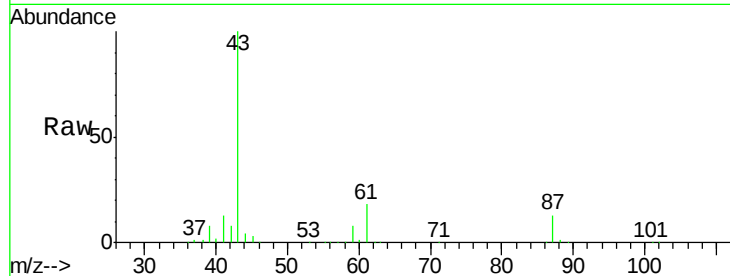
#43
Isopropyl Acetate
Concen: 104.66 ug/l
RT: 6.48 min Scan# 967
Delta R.T. 0.00 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.7	14.8	22.2
87	13.9	10.6	16.0

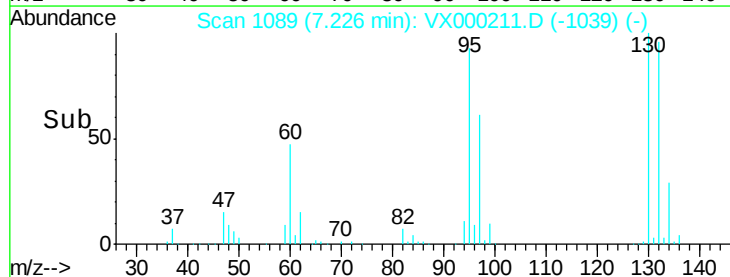
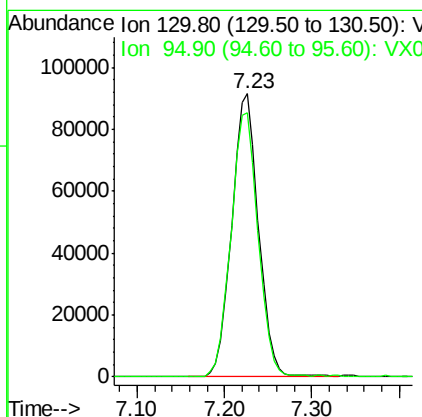
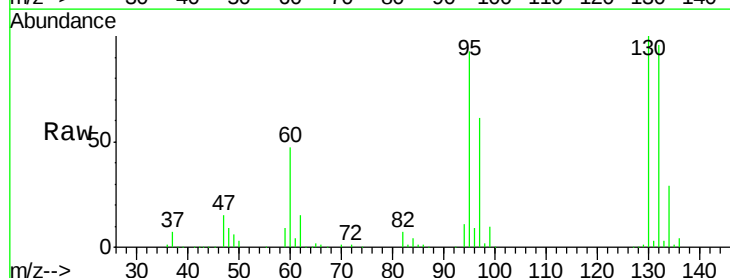
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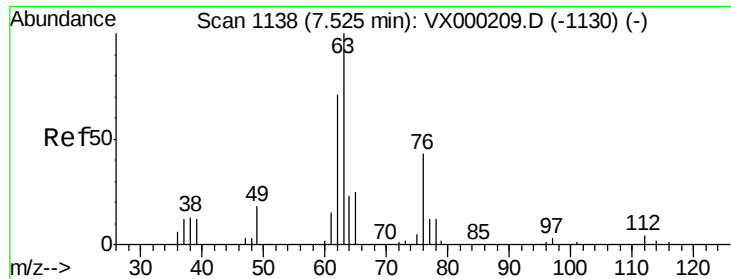
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#44
Trichloroethene
Concen: 98.21 ug/l
RT: 7.23 min Scan# 1089
Delta R.T. 0.01 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.2	0.0	191.8





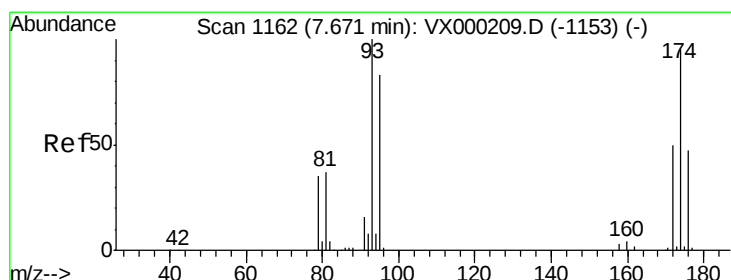
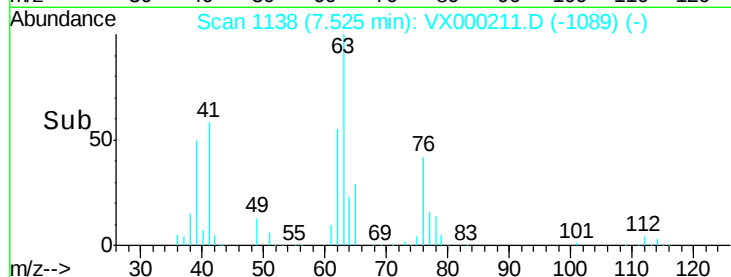
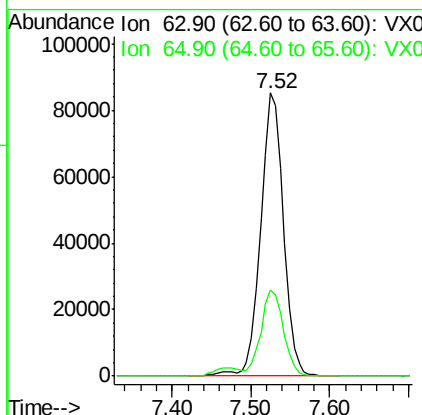
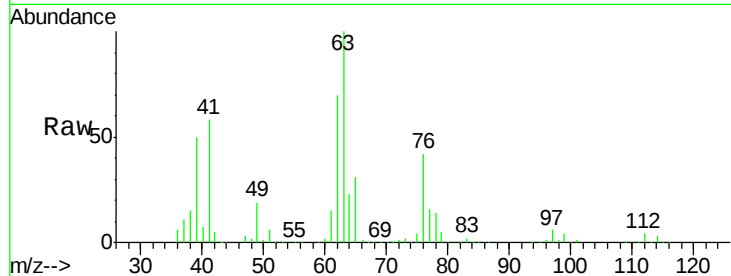
#45
 1,2-Dichloropropane
 Concen: 103.16 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000211.D
 Acq: 07 Mar 2018 14:17

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC100

Tot Ion: 63 Resp: 171655
 Ion Ratio Lower Upper
 63 100
 65 30.5 22.3 33.5

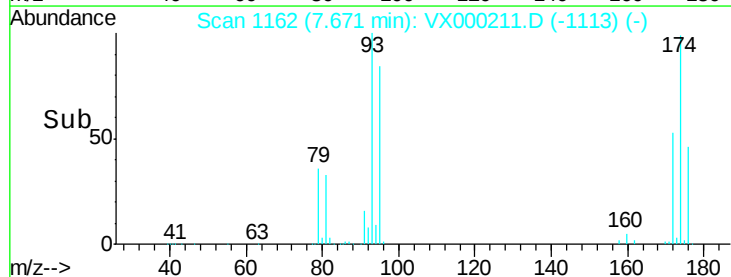
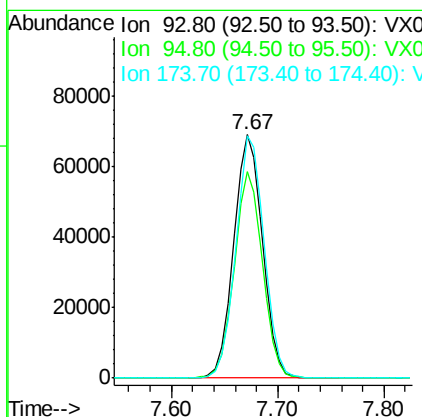
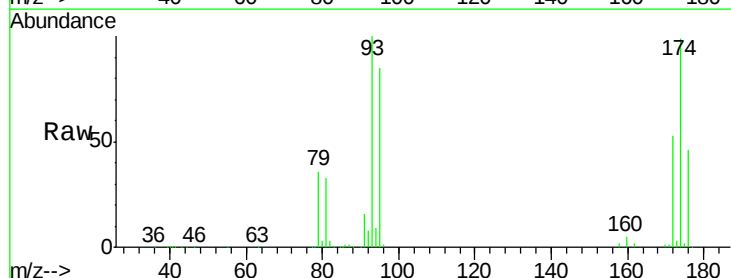
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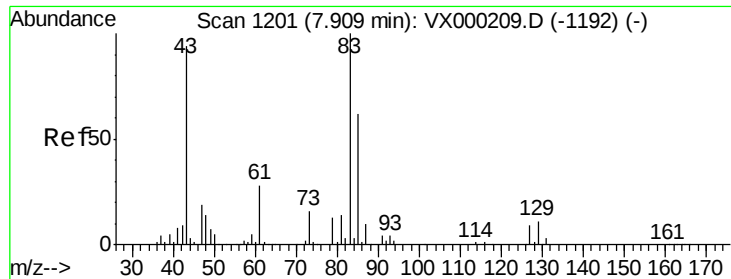
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#46
 Dibromomethane
 Concen: 100.92 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000211.D
 Acq: 07 Mar 2018 14:17

Tgt Ion: 93 Resp: 131114
 Ion Ratio Lower Upper
 93 100
 95 83.1 64.1 96.1
 174 98.0 75.8 113.8





#47

Bromodichloromethane

Concen: 107.42 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Instrument :

MSVOA_X

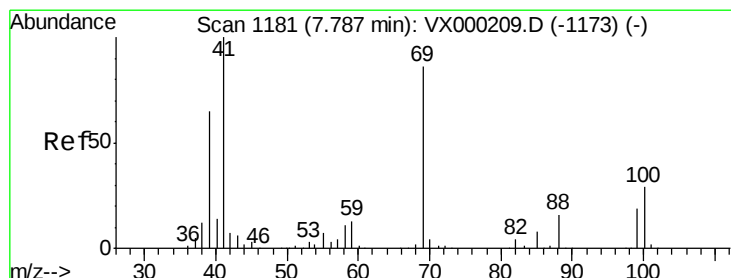
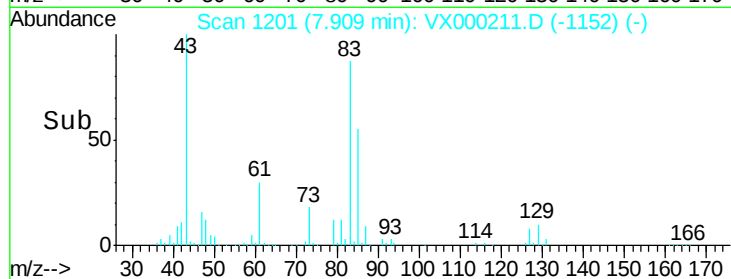
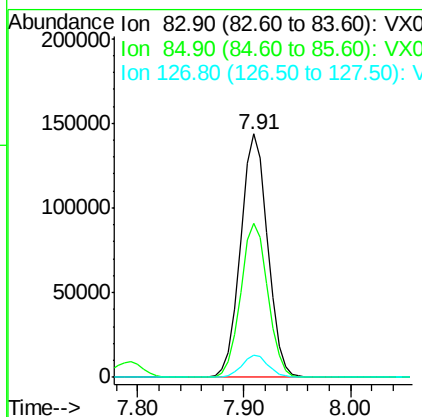
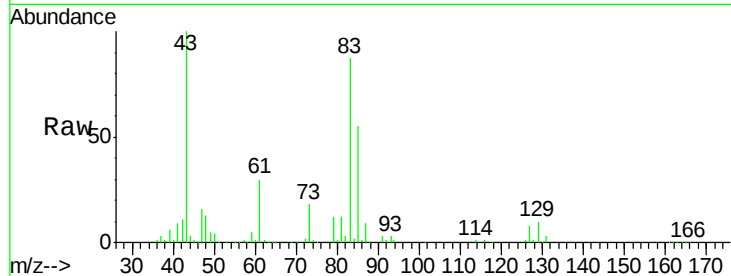
ClientSampleId :

VSTDICC100

Tot Ion:	83	Resp:	257174
Ion Ratio	Lower	Upper	
83	100		
85	63.2	49.6	74.4
127	9.0	7.0	10.4

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#48

Methyl methacrylate

Concen: 105.03 ug/l

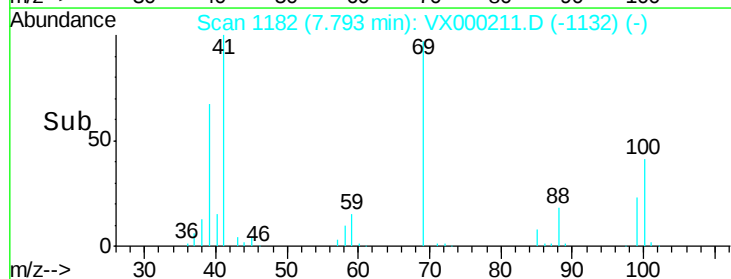
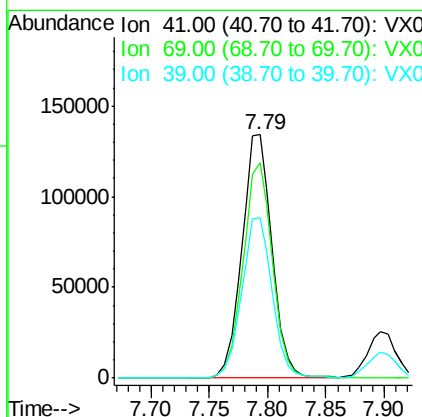
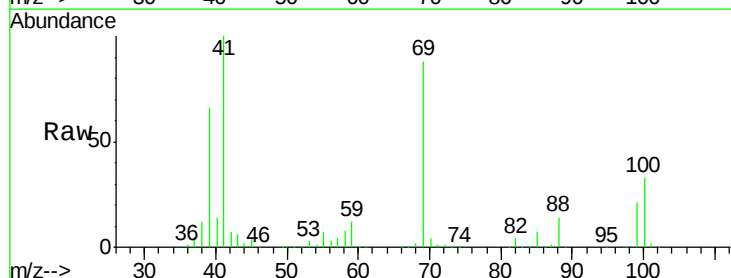
RT: 7.79 min Scan# 1182

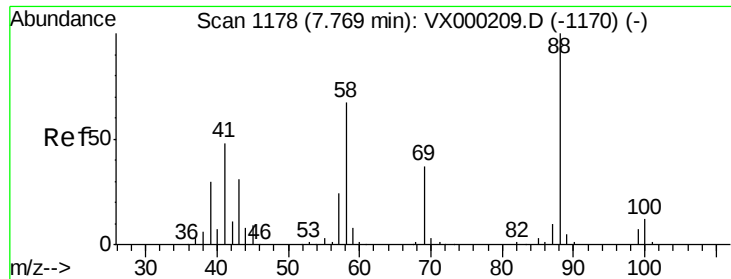
Delta R.T. 0.01 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Tgt Ion:	41	Resp:	242192
Ion Ratio	Lower	Upper	
41	100		
69	86.5	70.0	105.0
39	66.6	53.6	80.4





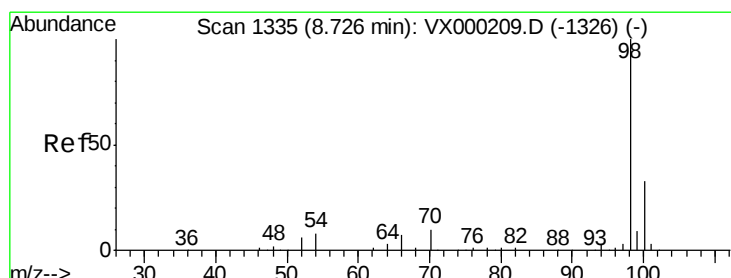
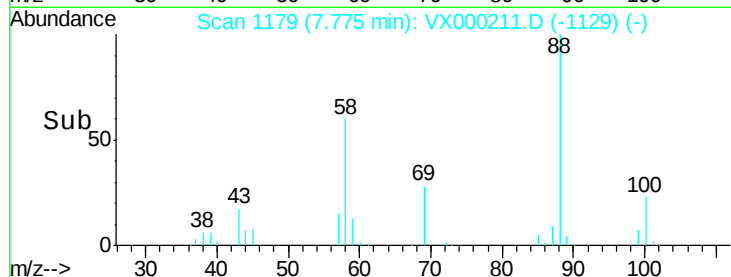
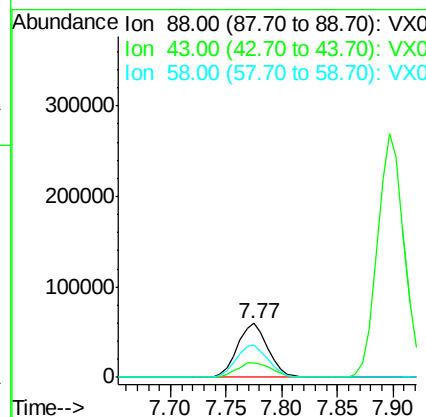
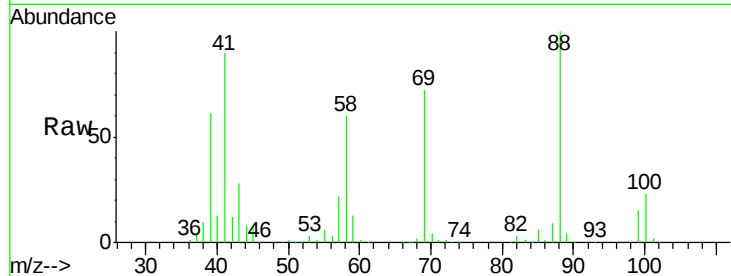
#49
1,4-Dioxane
Concen: 1905.17 ug/l
RT: 7.77 min Scan# 1179
Delta R.T. 0.01 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.6	26.9	40.3
58	62.7	52.2	78.4

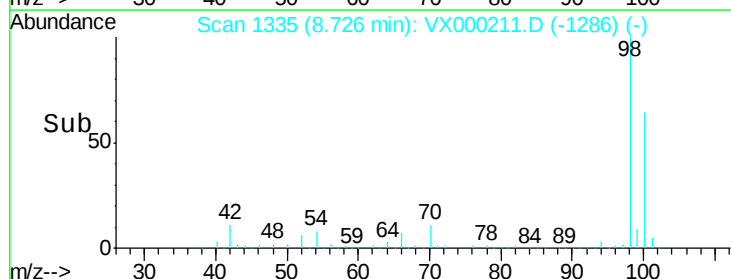
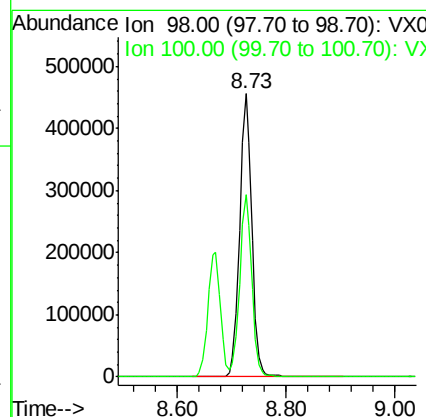
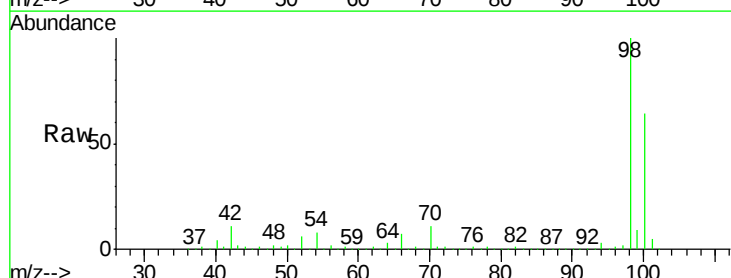
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#50
Toluene-d8
Concen: 108.19 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 566.23 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tot Ion: 43 Resp: 1970525

Ion Ratio Lower Upper

43 100

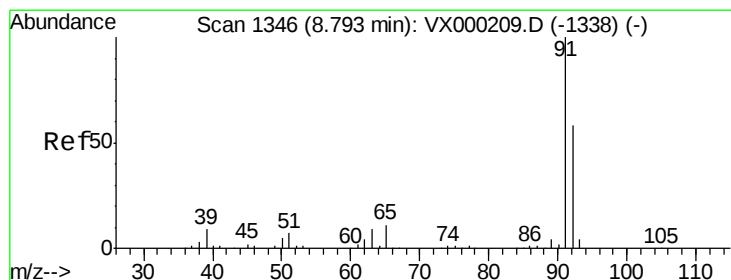
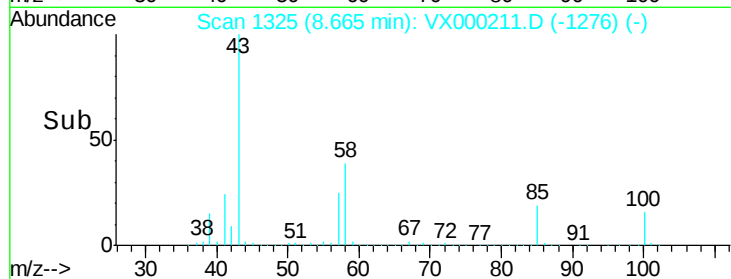
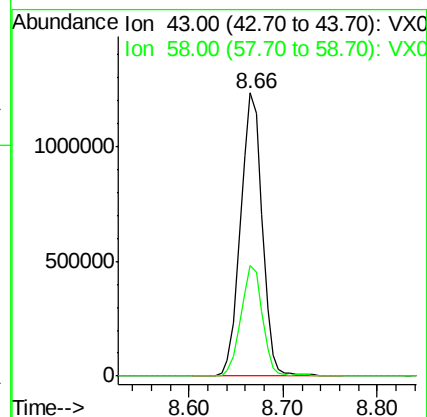
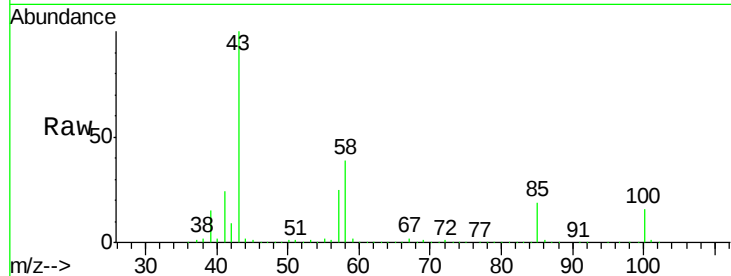
58 38.5 30.2 45.2

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#52

Toluene

Concen: 109.33 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000211.D

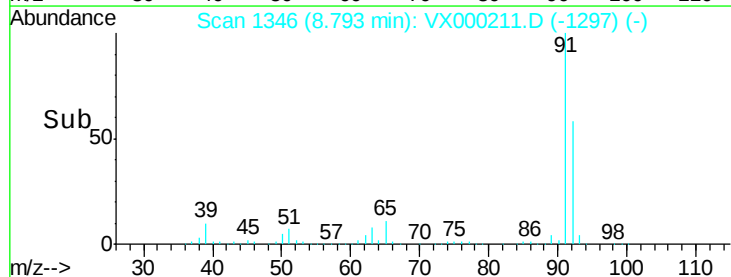
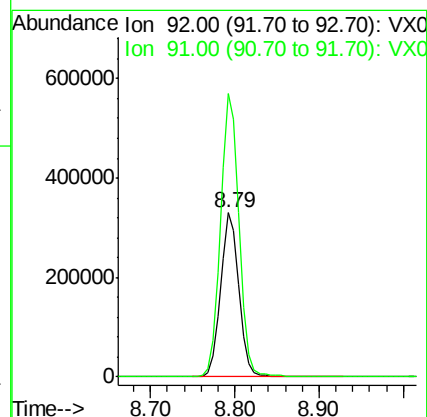
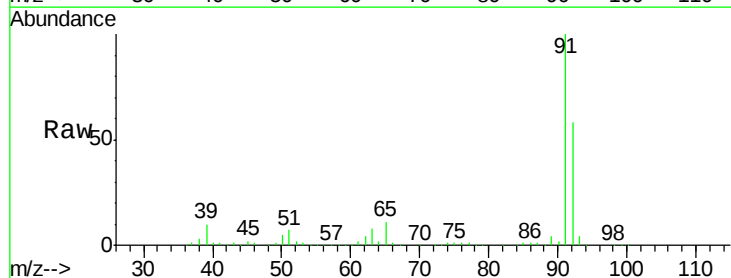
Acq: 07 Mar 2018 14:17

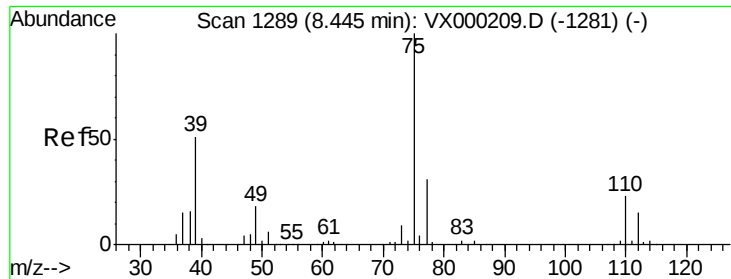
Tgt Ion: 92 Resp: 497040

Ion Ratio Lower Upper

92 100

91 174.4 139.0 208.6





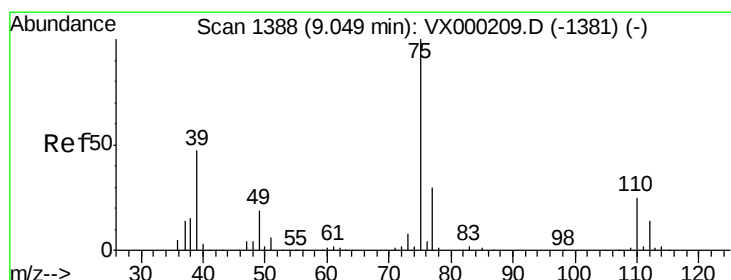
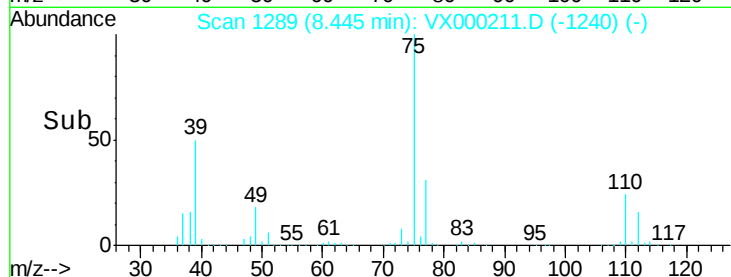
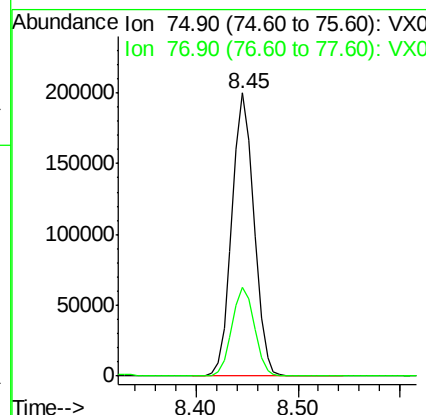
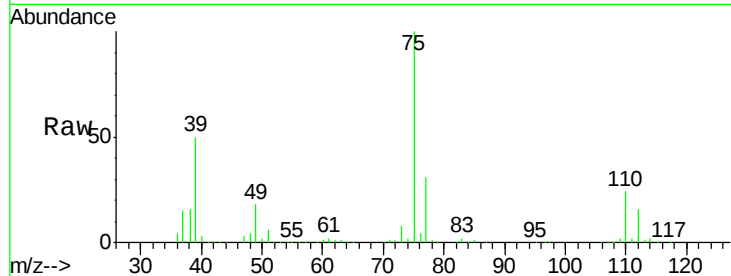
#53
 t-1,3-Dichloropropene
 Concen: 106.66 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VX000211.D
 Acq: 07 Mar 2018 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 75 Resp: 300106
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.8 37.2

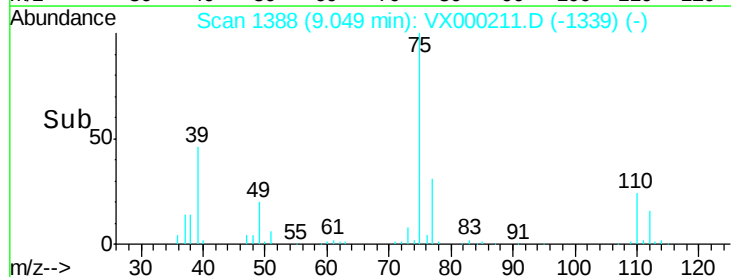
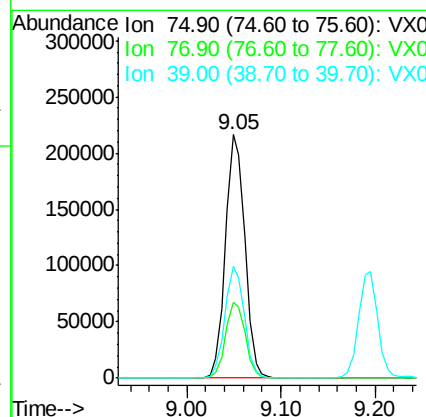
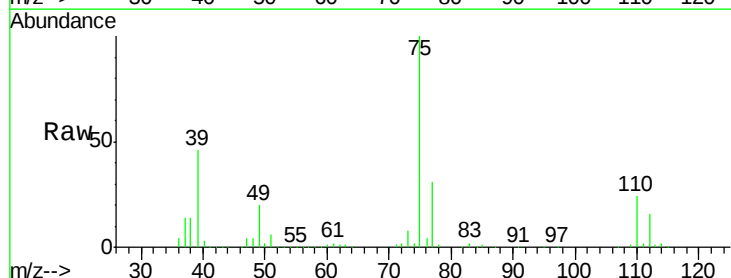
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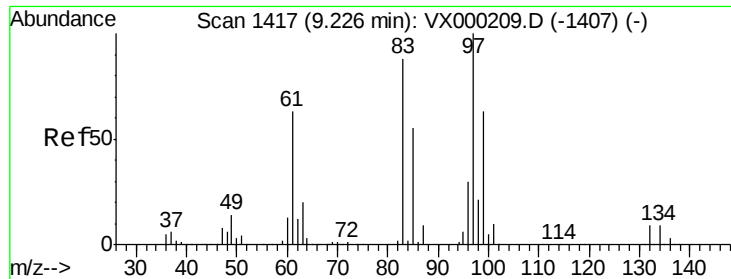
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#54
 cis-1,3-Dichloropropene
 Concen: 110.41 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX000211.D
 Acq: 07 Mar 2018 14:17

Tgt Ion: 75 Resp: 308337
 Ion Ratio Lower Upper
 75 100
 77 31.2 23.9 35.9
 39 45.9 37.4 56.2





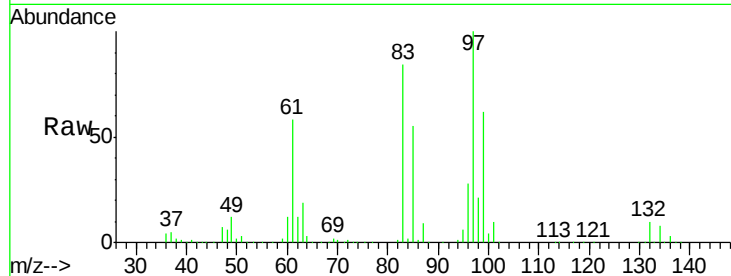
#55
 1,1,2-Trichloroethane
 Concen: 107.79 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000211.D
 Acq: 07 Mar 2018 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

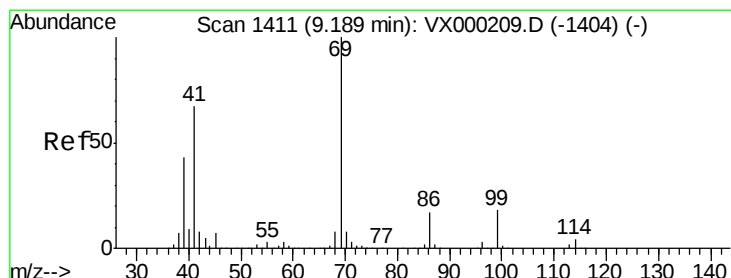
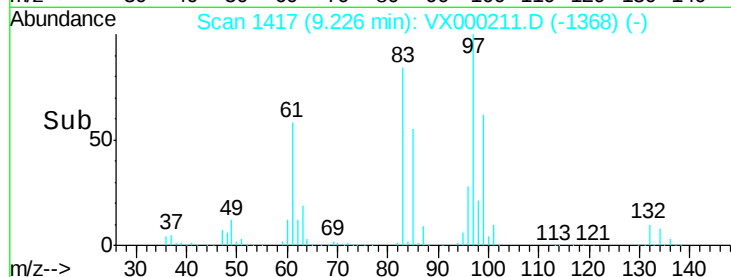
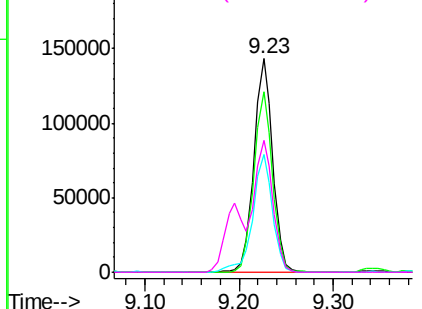
Tot Ion:	97	Resp:	201678
Ion	Ratio	Lower	Upper
97	100		
83	84.3	70.4	105.6
85	55.0	43.9	65.9
99	61.8	50.5	75.7

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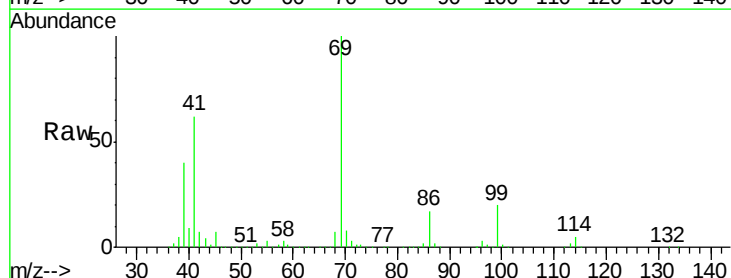


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

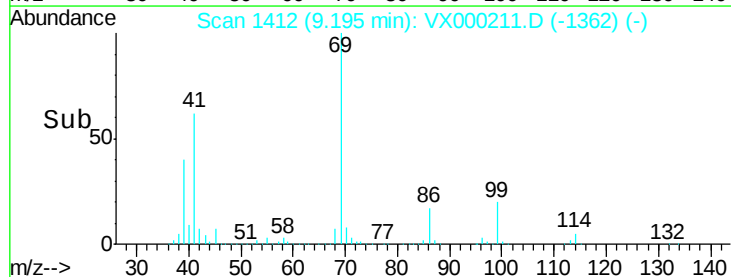
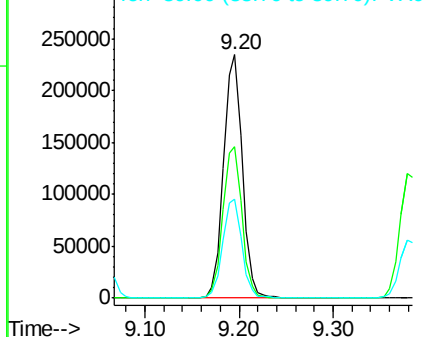


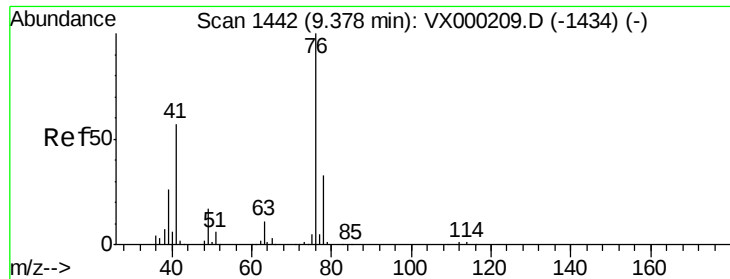
#56
 Ethyl methacrylate
 Concen: 112.57 ug/l
 RT: 9.20 min Scan# 1412
 Delta R.T. 0.01 min
 Lab File: VX000211.D
 Acq: 07 Mar 2018 14:17

Tgt Ion:	69	Resp:	323869
Ion	Ratio	Lower	Upper
69	100		
41	63.3	52.2	78.2
39	41.3	34.3	51.5



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





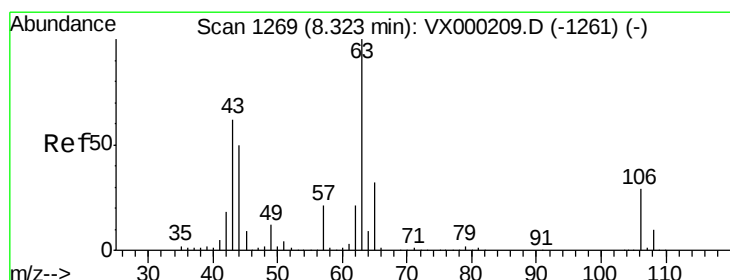
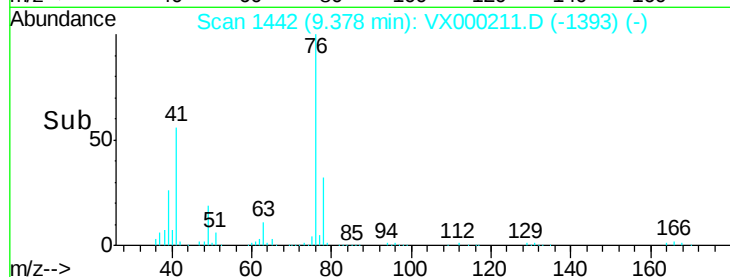
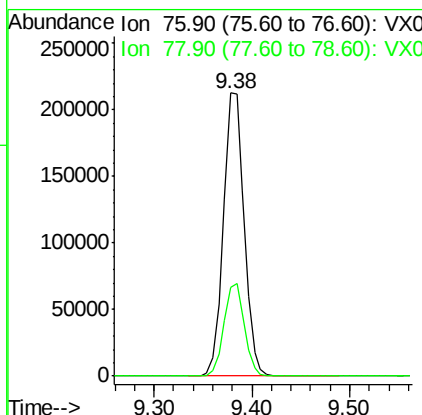
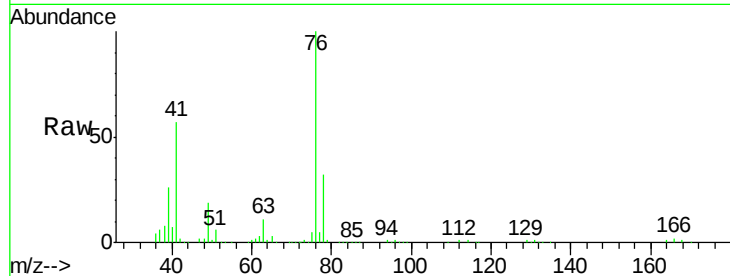
#57
 1,3-Dichloropropane
 Concen: 105.02 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000211.D
 Acq: 07 Mar 2018 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 76 Resp: 312869
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.2 39.2

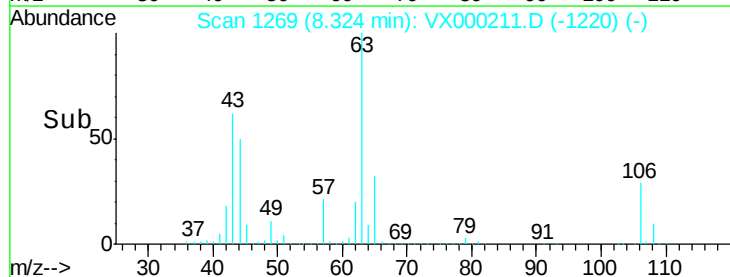
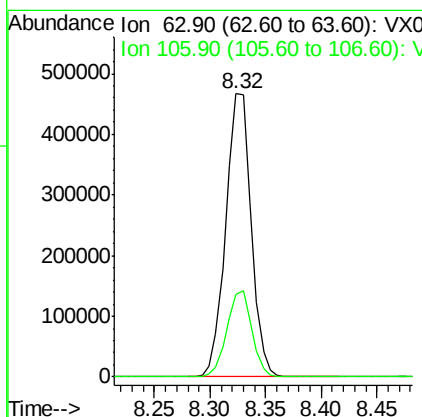
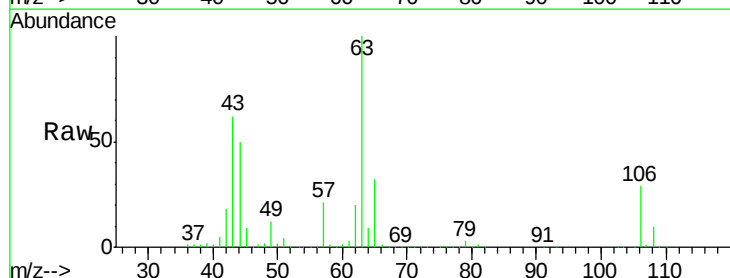
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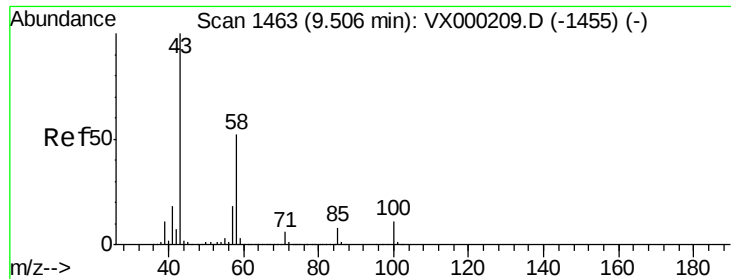
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#58
 2-Chloroethyl Vinyl ether
 Concen: 508.91 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000211.D
 Acq: 07 Mar 2018 14:17

Tgt Ion: 63 Resp: 738775
 Ion Ratio Lower Upper
 63 100
 106 30.0 23.2 34.8





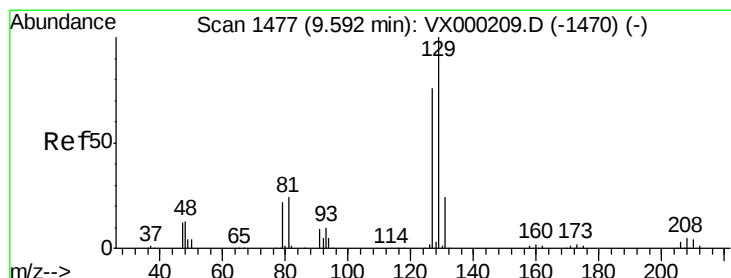
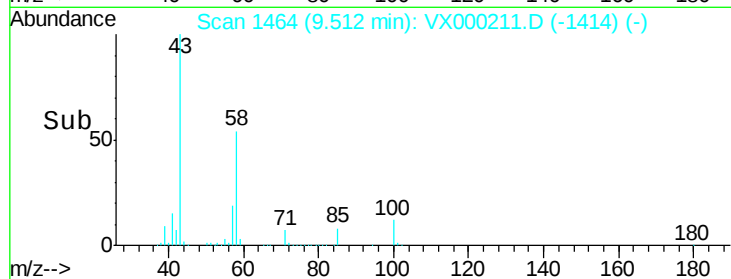
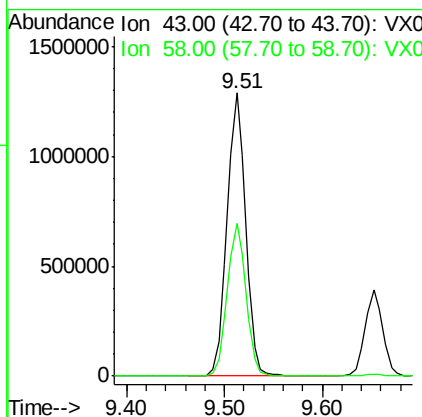
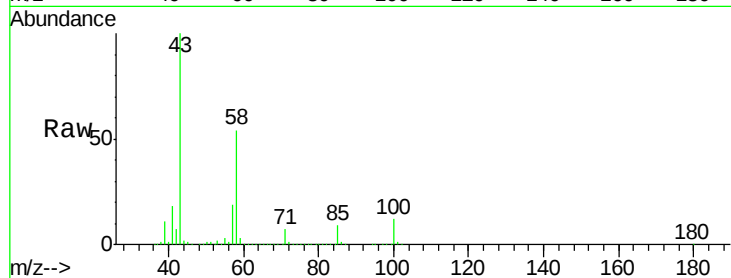
#59
2-Hexanone
Concen: 577.77 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. 0.01 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion: 43 Resp: 1705677
Ion Ratio Lower Upper
43 100
58 54.4 26.6 79.7

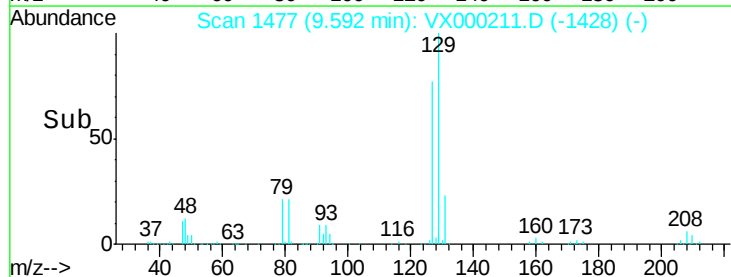
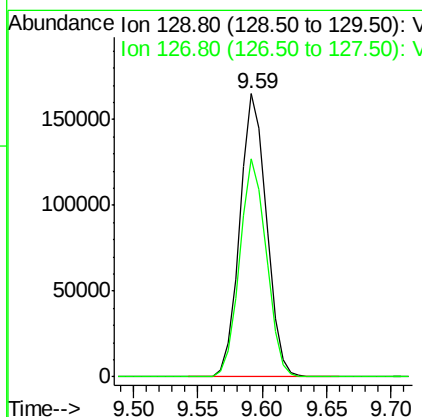
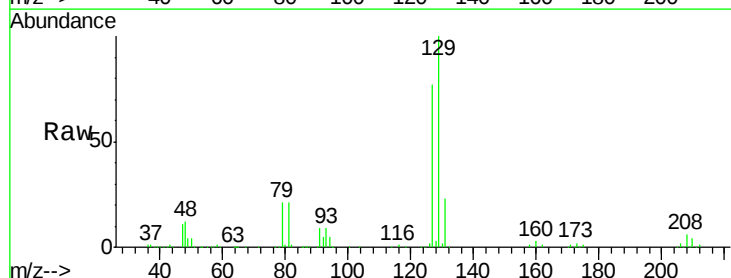
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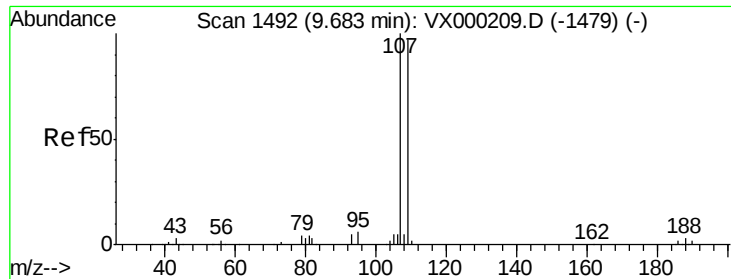
apatel
3/8/2018 10:42:38 AM



#60
Dibromochloromethane
Concen: 112.42 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Tgt Ion: 129 Resp: 236049
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.2





#61

1,2-Dibromoethane

Concen: 109.71 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion:107 Resp: 228318

Ion Ratio Lower Upper

107 100

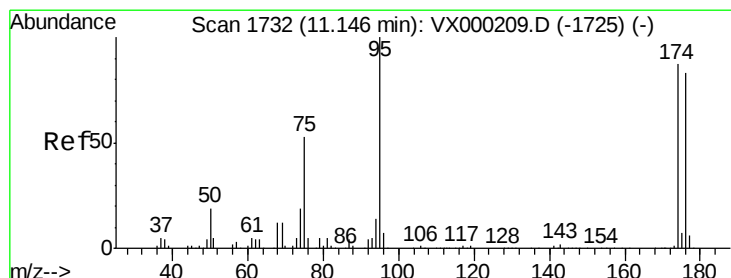
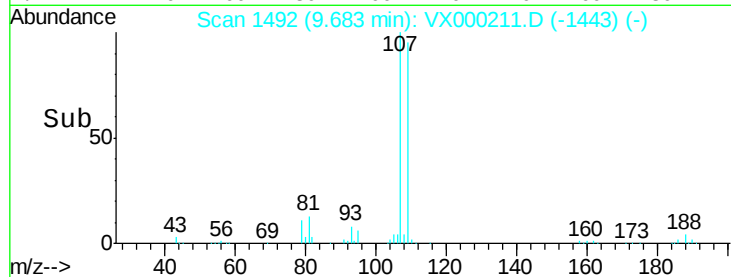
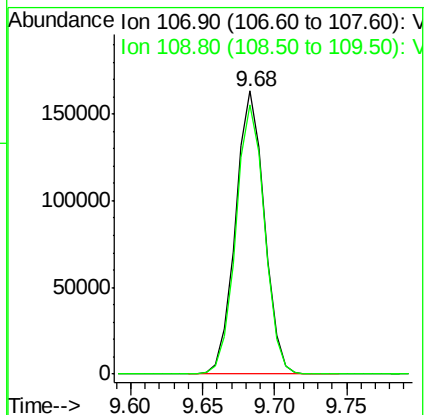
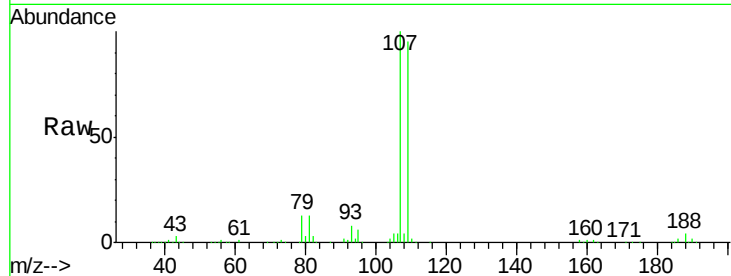
109 94.4 76.8 115.2

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#62

4-Bromofluorobenzene

Concen: 110.50 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

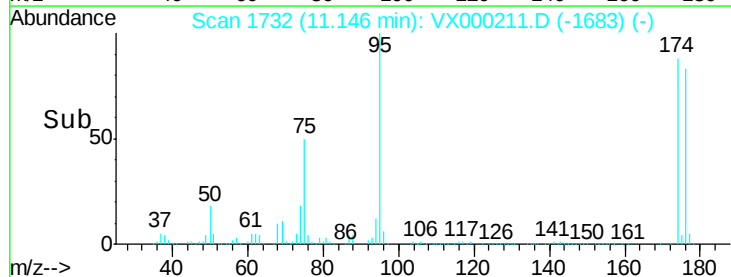
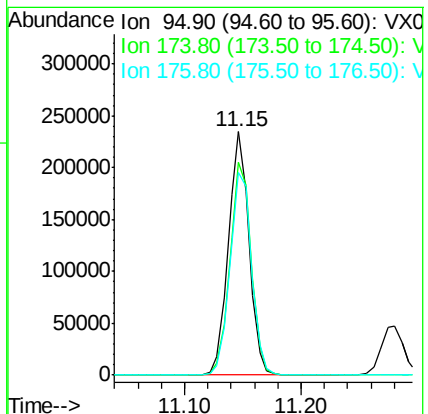
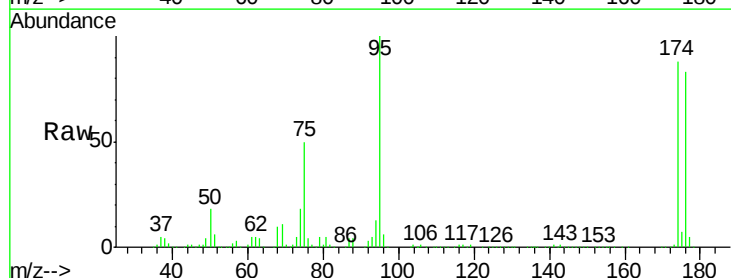
Tgt Ion: 95 Resp: 288065

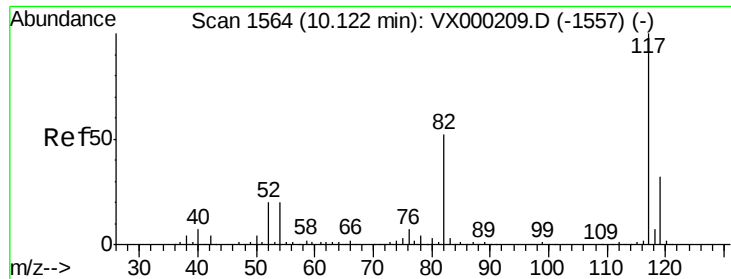
Ion Ratio Lower Upper

95 100

174 90.6 0.0 175.6

176 87.8 0.0 171.0





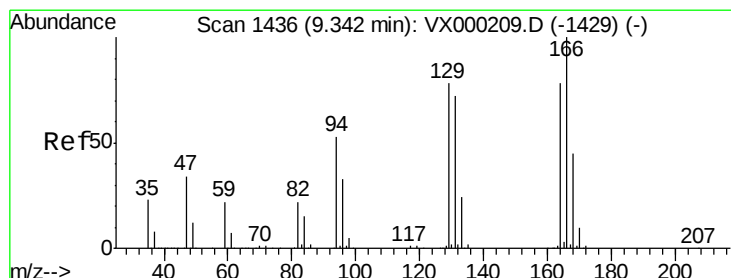
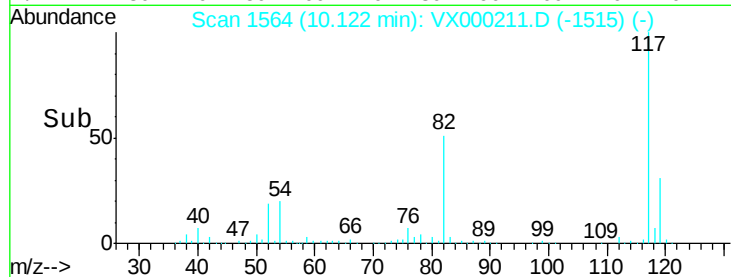
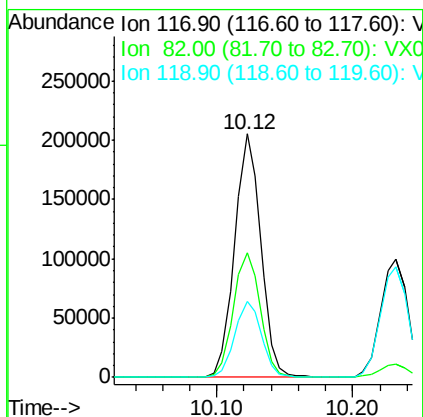
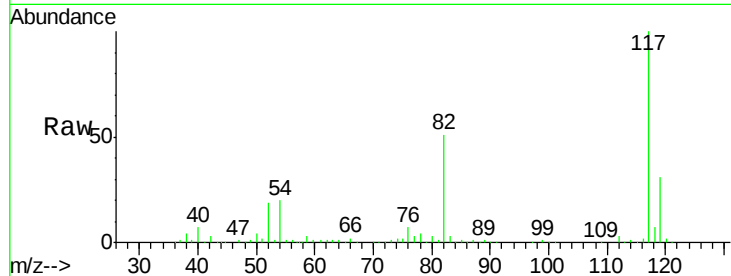
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.3	42.0	63.0
119	31.4	25.3	37.9

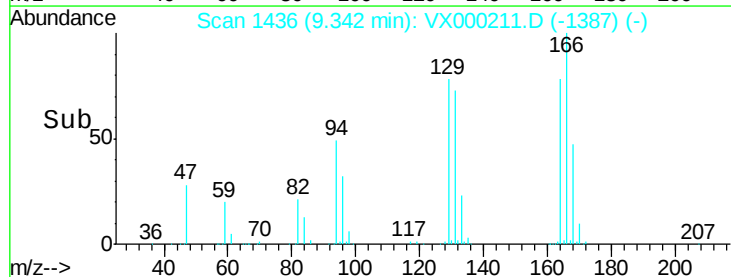
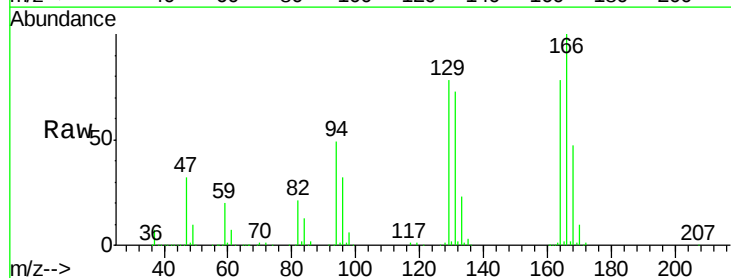
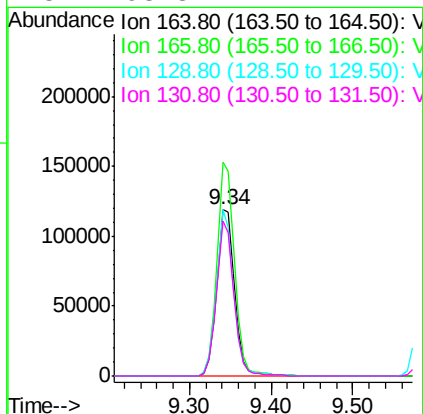
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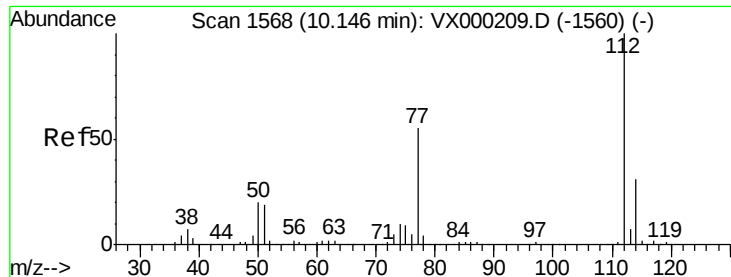
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#64
Tetrachloroethene
Concen: 93.97 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.6	103.0	154.6
129	100.1	80.2	120.4
131	93.3	74.2	111.4





#65

Chlorobenzene

Concen: 101.06 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tot Ion:112 Resp: 585921

Ion Ratio Lower Upper

112 100

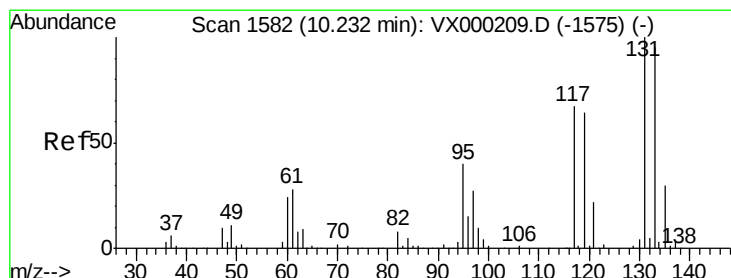
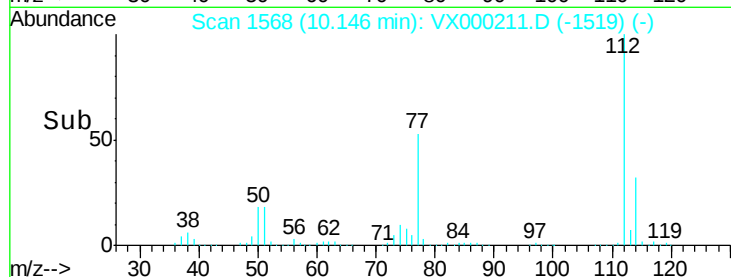
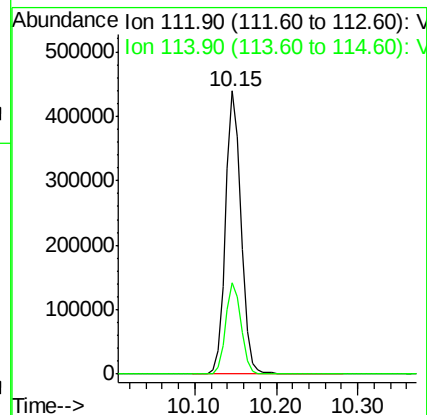
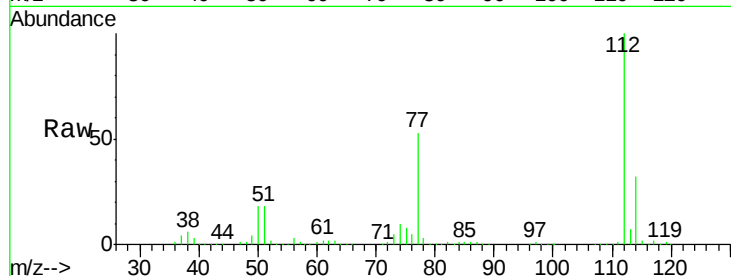
114 32.1 25.0 37.4

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#66

1,1,1,2-Tetrachloroethane

Concen: 100.70 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

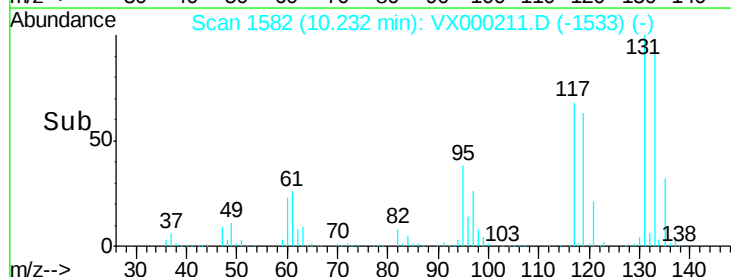
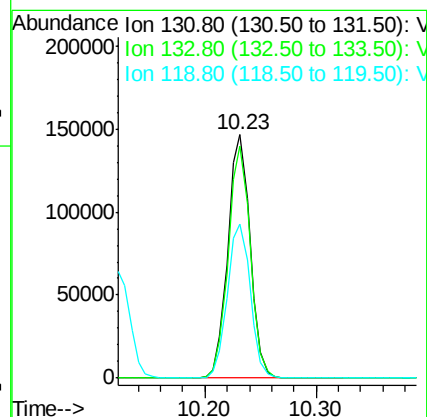
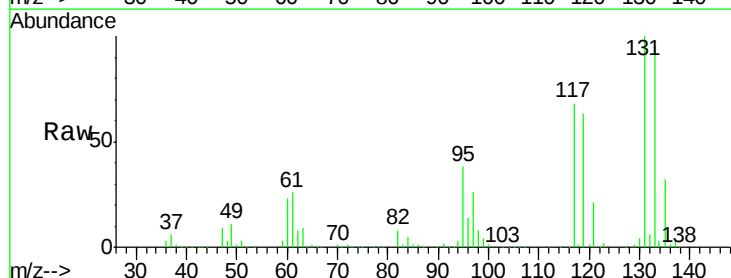
Tgt Ion:131 Resp: 202378

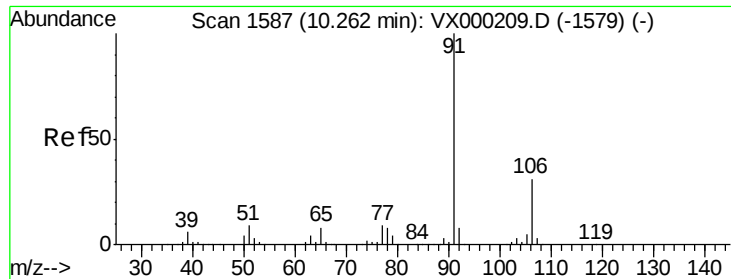
Ion Ratio Lower Upper

131 100

133 94.6 48.3 144.9

119 65.6 32.3 96.8





#67

Ethyl Benzene

Concen: 100.82 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tot Ion: 91 Resp: 985243

Ion Ratio Lower Upper

91 100

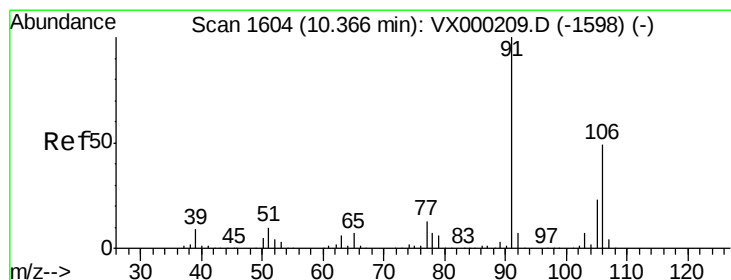
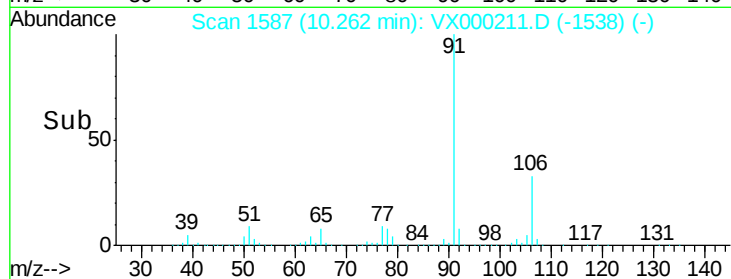
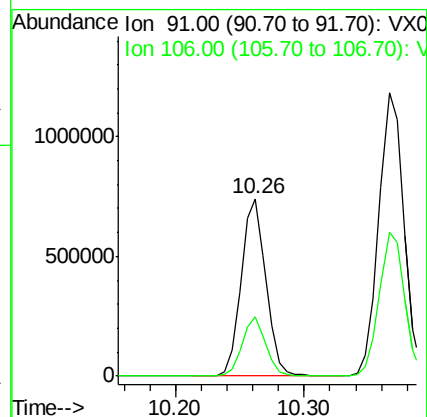
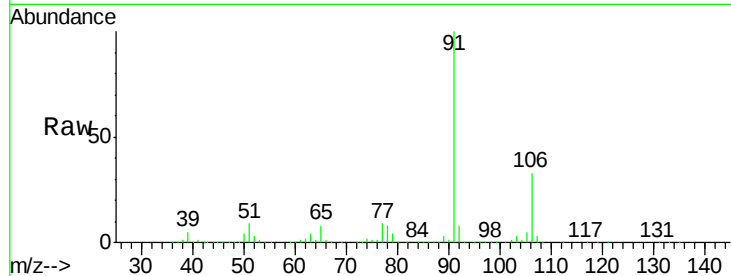
106 33.3 25.2 37.8

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#68

m/p-Xylenes

Concen: 209.68 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX000211.D

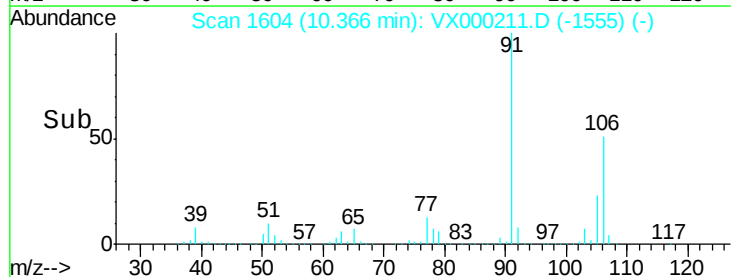
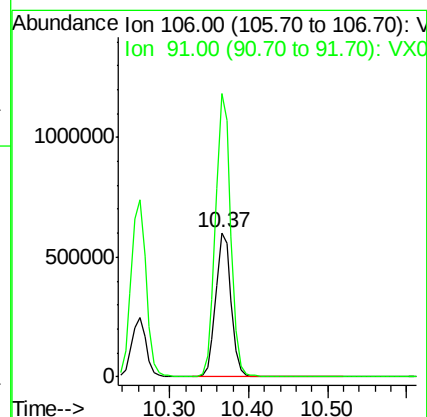
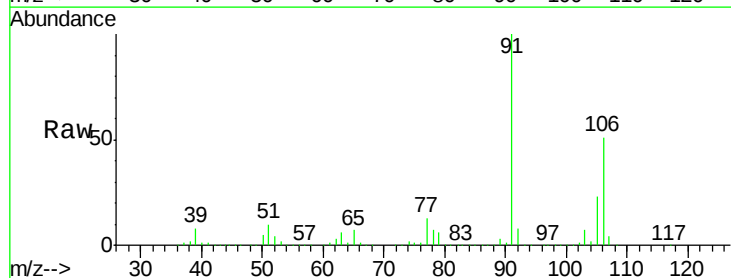
Acq: 07 Mar 2018 14:17

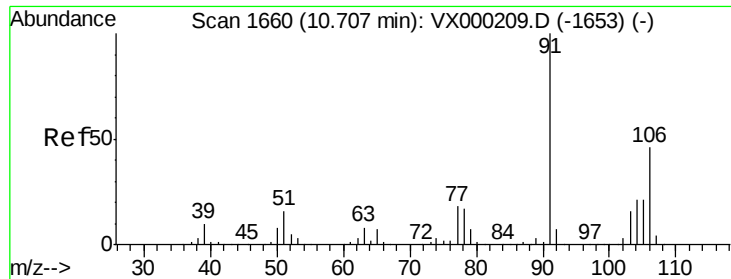
Tgt Ion: 106 Resp: 812161

Ion Ratio Lower Upper

106 100

91 194.9 160.9 241.3





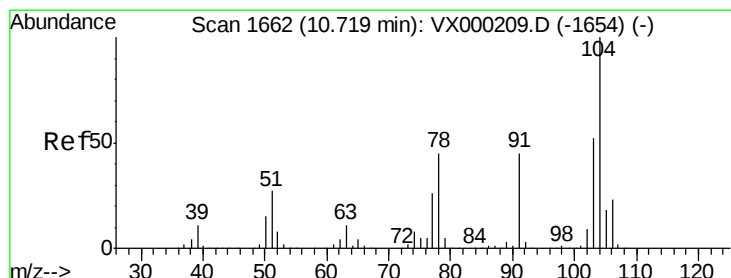
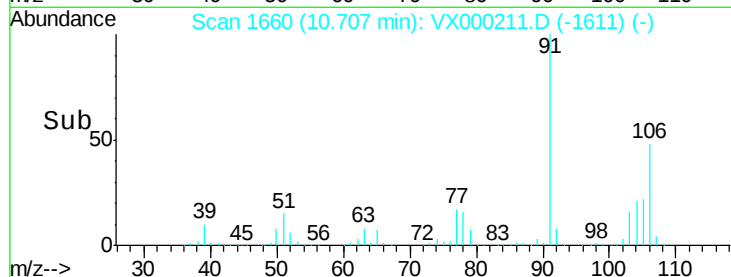
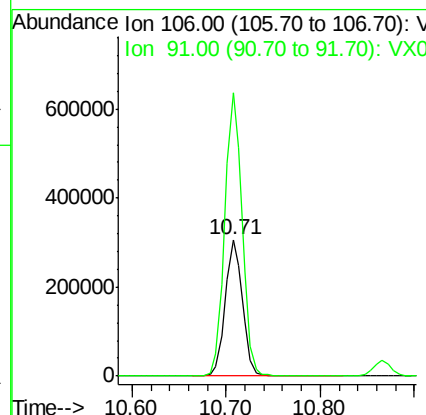
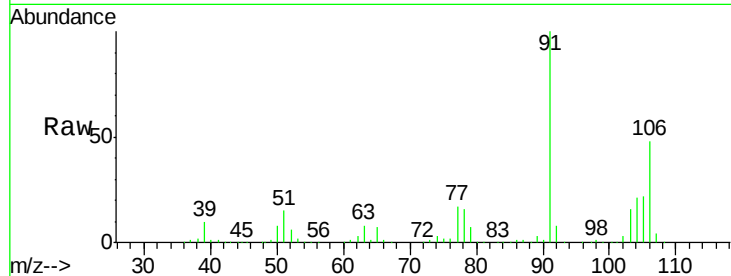
#69
o-Xylene
Concen: 104.48 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion:106 Resp: 388892
Ion Ratio Lower Upper
106 100
91 209.4 105.9 317.7

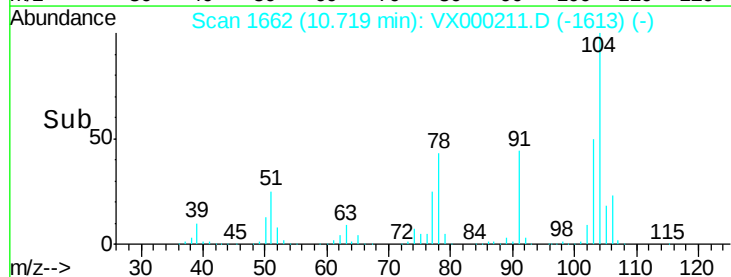
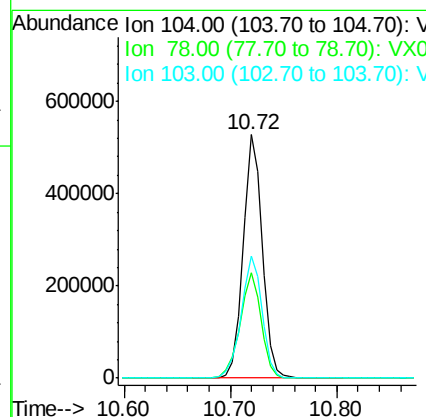
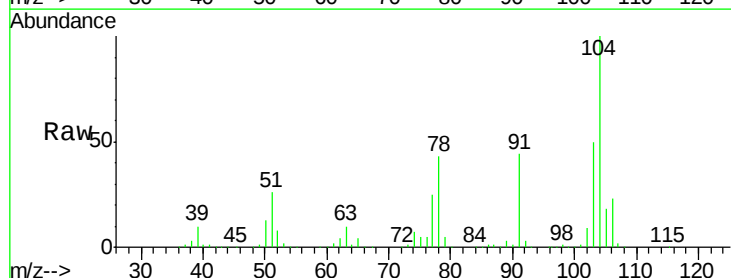
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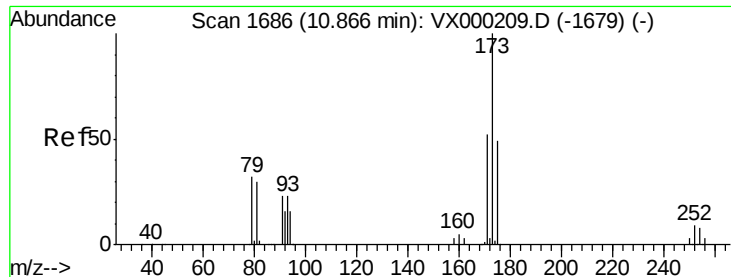
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#70
Styrene
Concen: 109.59 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Tgt Ion:104 Resp: 668967
Ion Ratio Lower Upper
104 100
78 47.8 39.6 59.4
103 54.9 45.0 67.6





#71

Bromoform

Concen: 114.26 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Instrument :

MSVOA_X

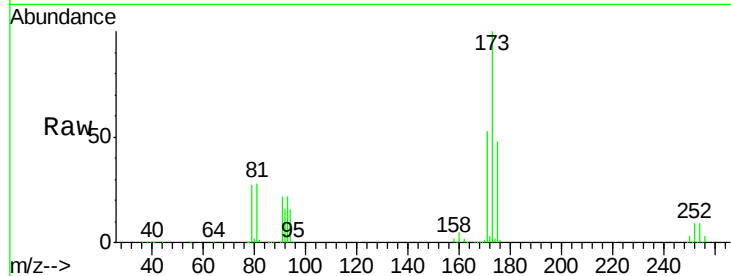
ClientSampleId :

VSTDIC100

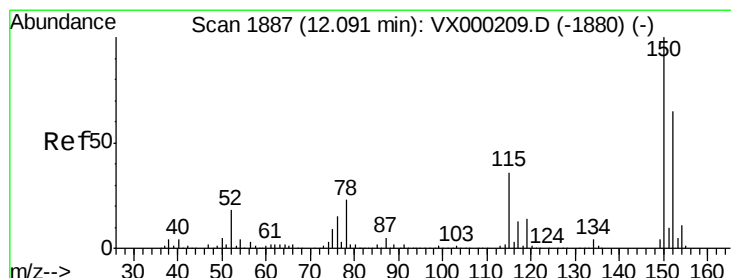
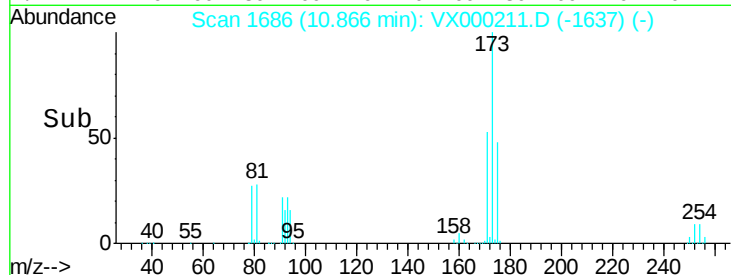
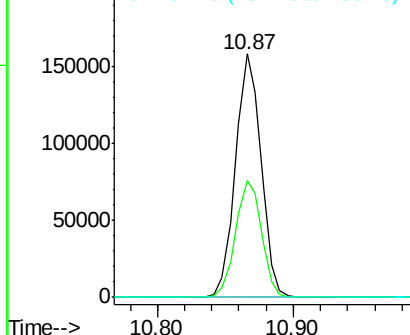
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.4	73.2
254	0.1	0.2	0.2

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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

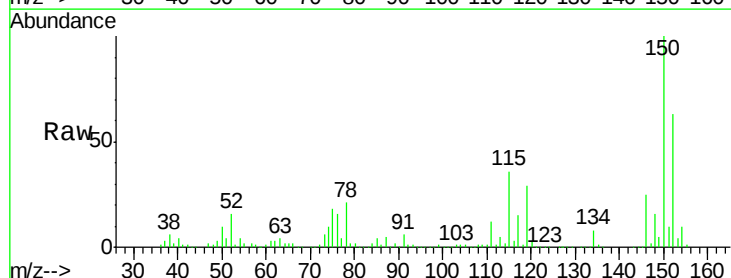
RT: 12.09 min Scan# 1887

Delta R.T. 0.00 min

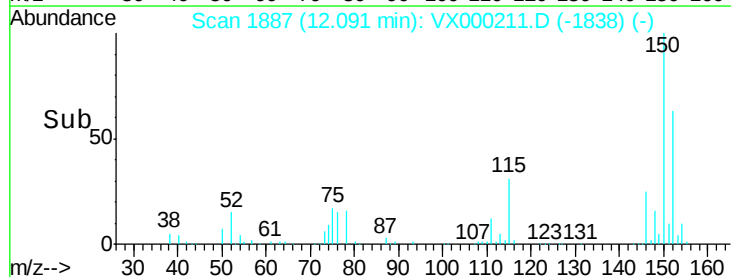
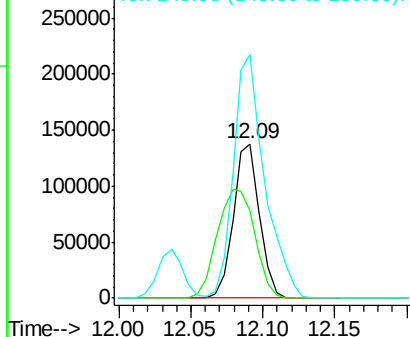
Lab File: VX000211.D

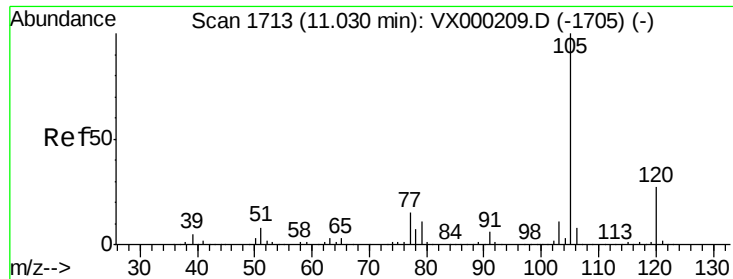
Acq: 07 Mar 2018 14:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	101.4	39.8	119.3
150	189.2	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: 96.30 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 1056443

Ion Ratio Lower Upper

105 100

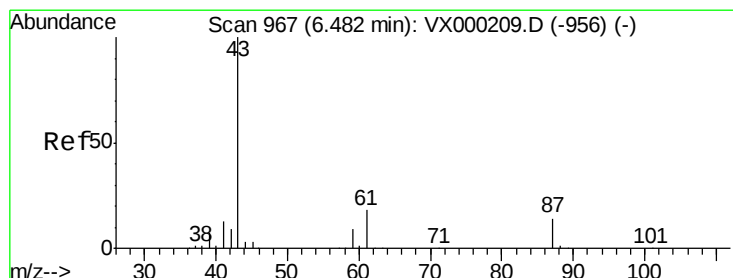
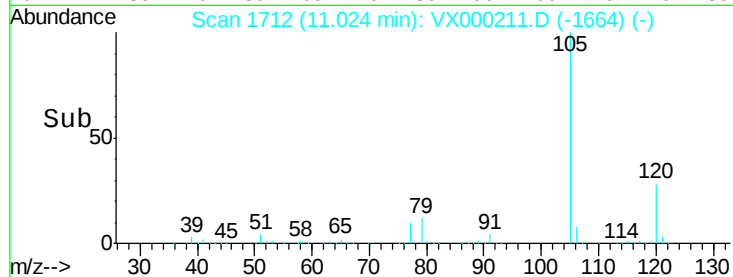
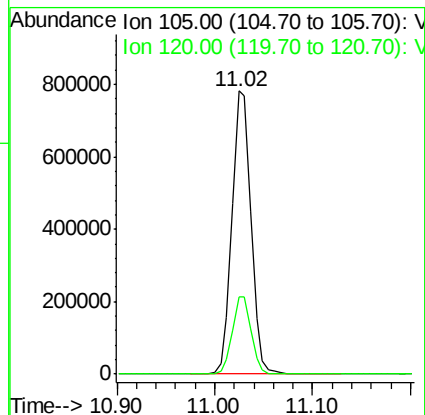
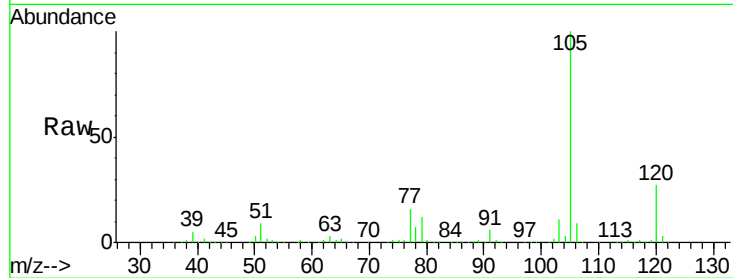
120 27.3 13.5 40.4

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#74

N-ethyl acetate

Concen: 89.48 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Tgt Ion: 43 Resp: 493630

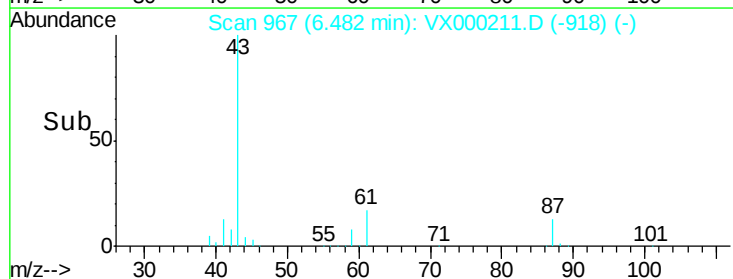
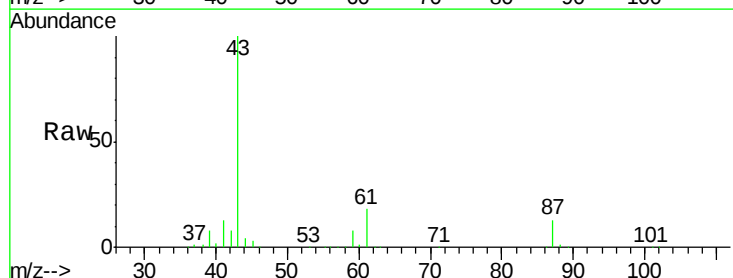
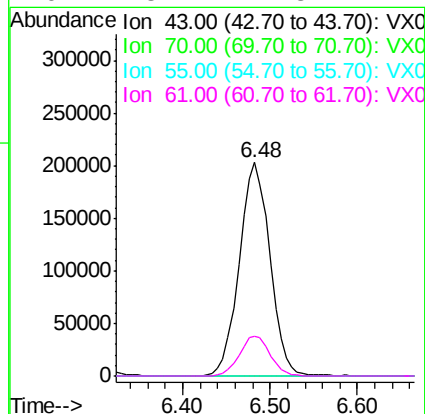
Ion Ratio Lower Upper

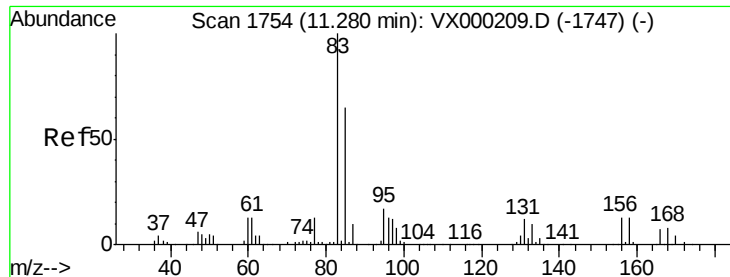
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.7 14.8 22.2





#75

1,1,2,2-Tetrachloroethane

Concen: 99.51 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Instrument :

MSVOA_X

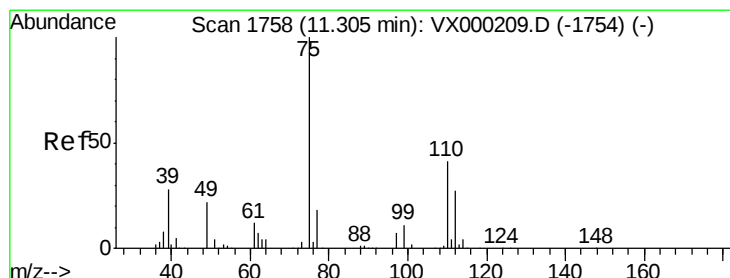
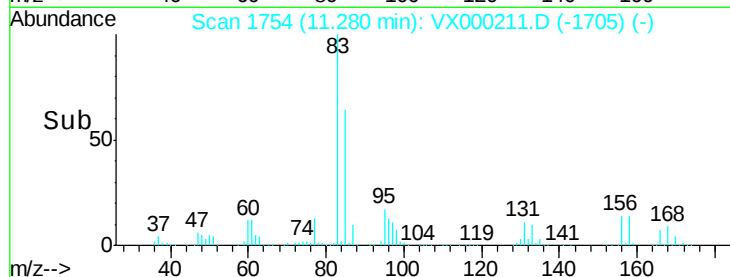
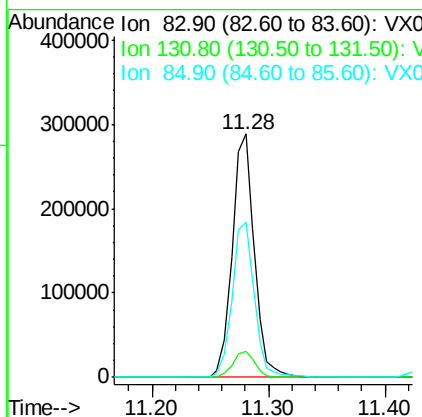
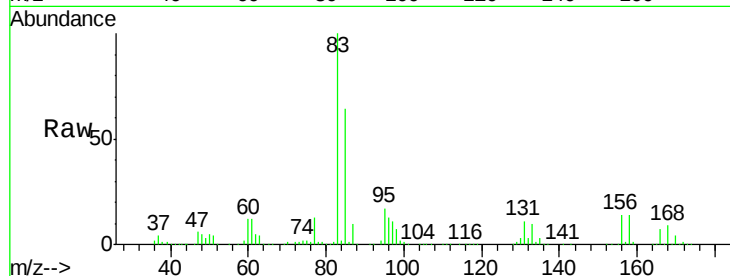
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	380752
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.5	16.5
85	64.6	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 92.81 ug/l m

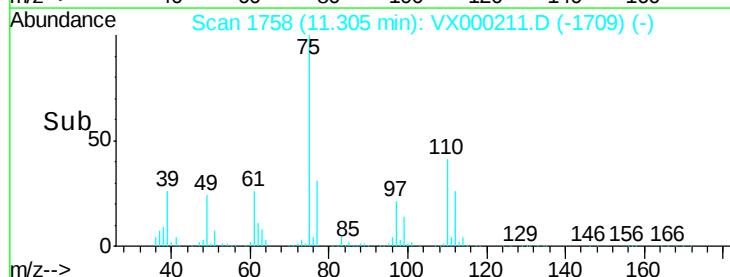
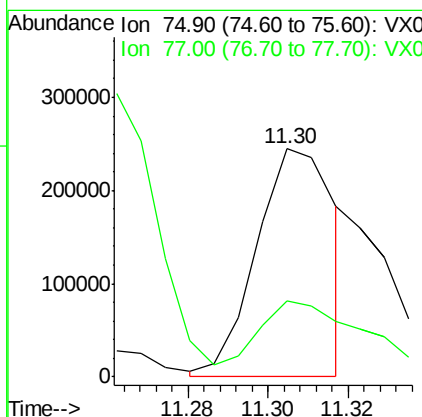
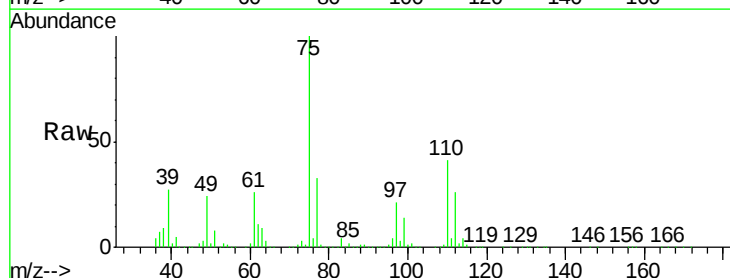
RT: 11.30 min Scan# 1758

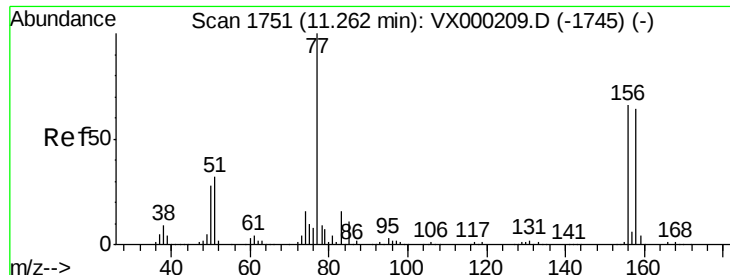
Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Tgt Ion:	75	Resp:	331662
Ion Ratio	Lower	Upper	
75	100		
77	45.9	22.3	66.8





#77

Bromobenzene

Concen: 96.36 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Instrument :

MSVOA_X

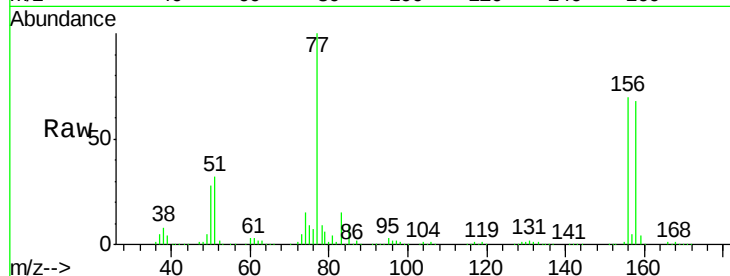
ClientSampled :

VSTDIC100

Tot Ion	Ratio	Lower	Upper
156	100		
77	137.5	71.9	215.7
158	96.4	48.0	144.2

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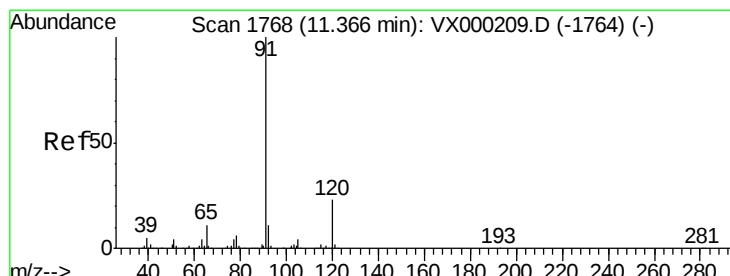
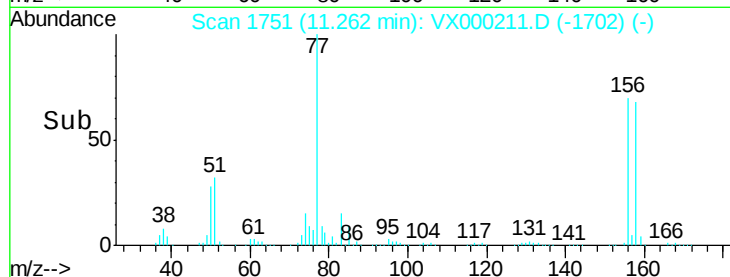
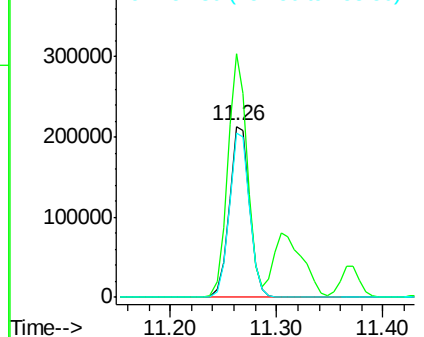


Abundance

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: 95.84 ug/l

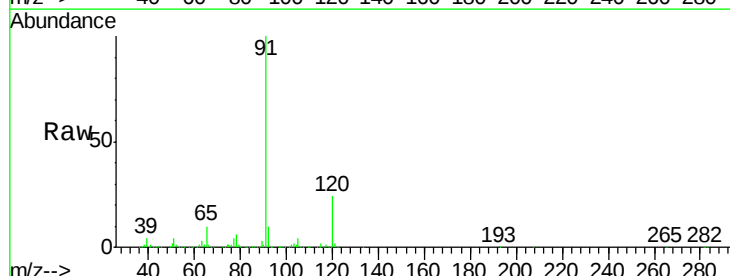
RT: 11.37 min Scan# 1769

Delta R.T. 0.01 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

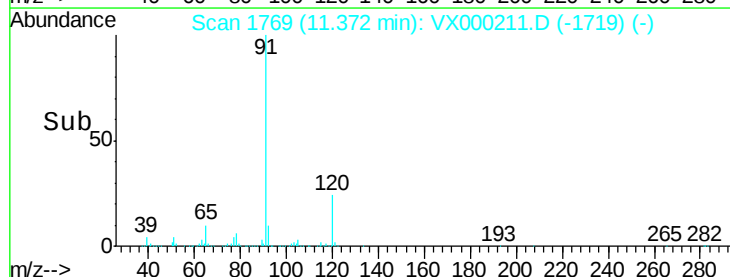
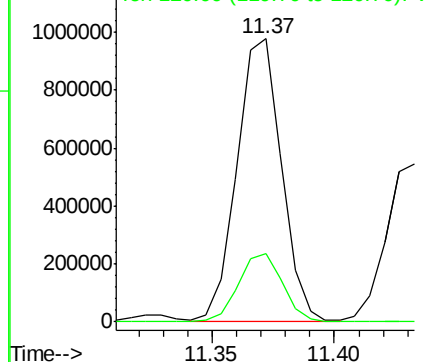
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.9	12.2	36.4

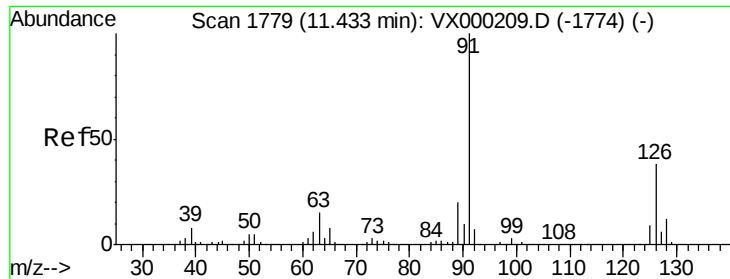


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 95.17 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Instrument :

MSVOA_X

ClientSampled :

VSTDICC100

Tot Ion: 91 Resp: 702206

Ion Ratio Lower Upper

91 100

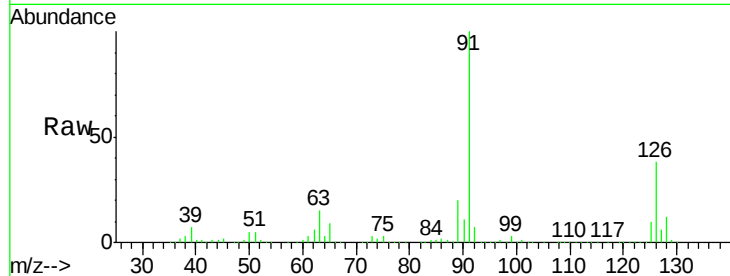
126 37.2 18.4 55.2

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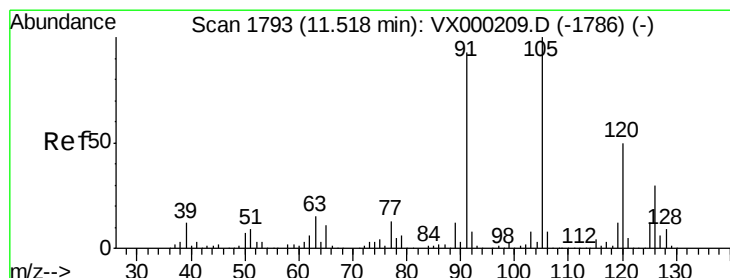
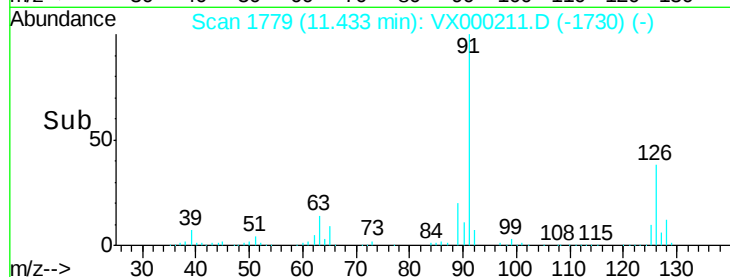
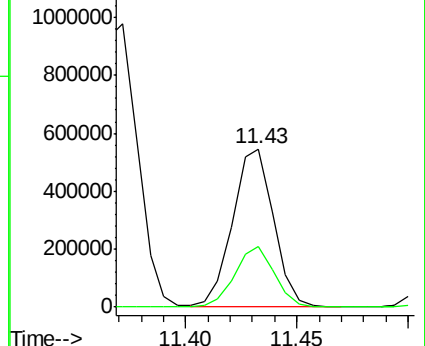
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 97.84 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000211.D

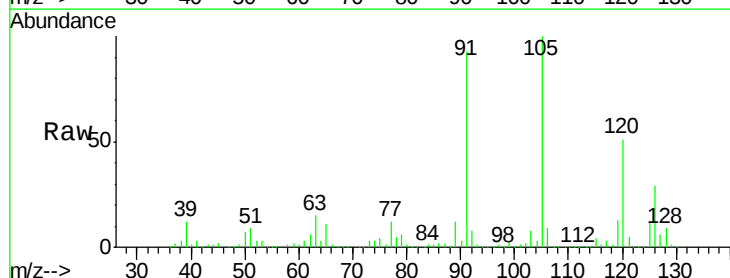
Acq: 07 Mar 2018 14:17

Tgt Ion:105 Resp: 906098

Ion Ratio Lower Upper

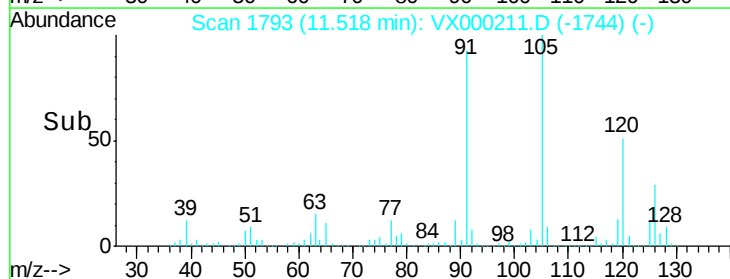
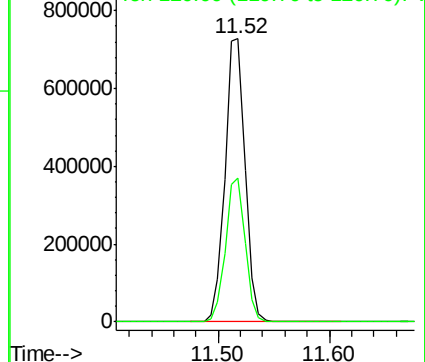
105 100

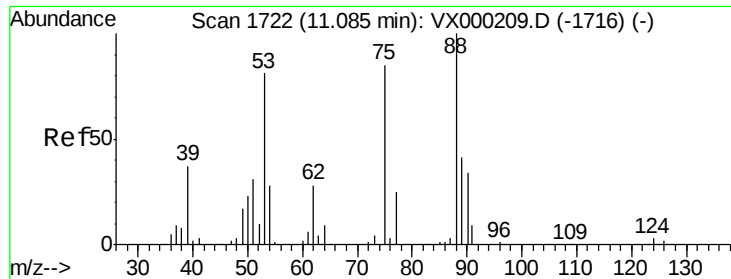
120 49.8 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 104.76 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Instrument :

MSVOA_X

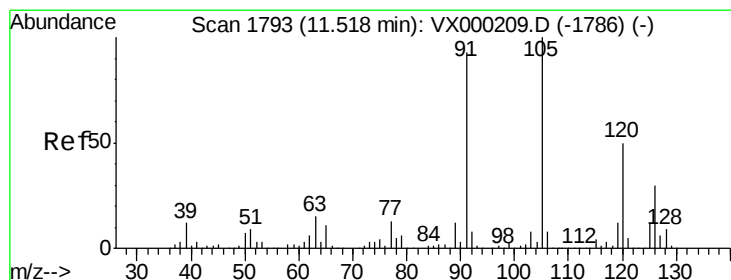
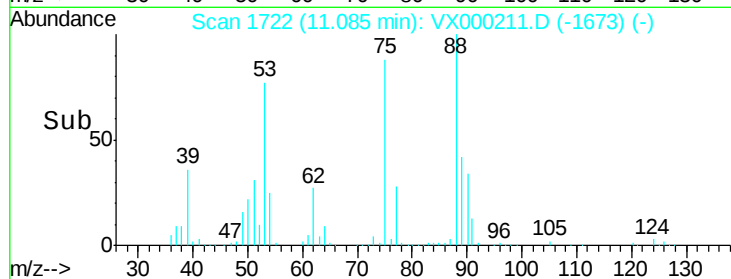
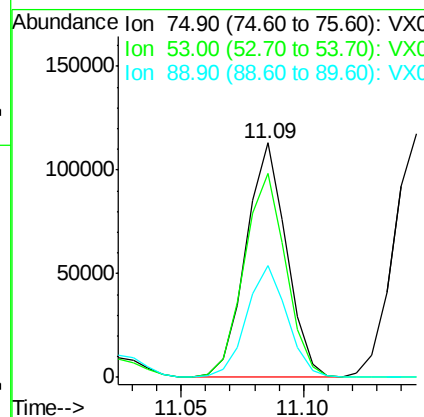
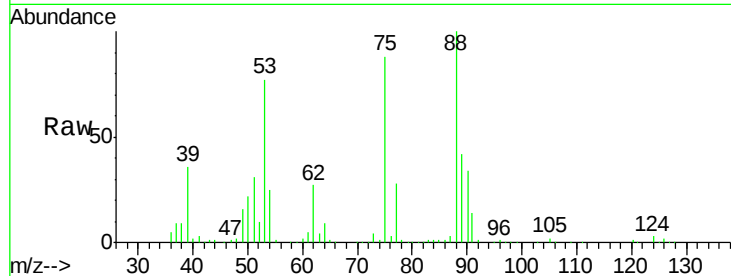
ClientSampled :

VSTDIC100

Tot Ion:	75	Resp:	129749
Ion Ratio	Lower	Upper	
75	100		
53	89.7	78.6	118.0
89	47.5	38.8	58.2

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#82

4-Chlorotoluene

Concen: 95.06 ug/l

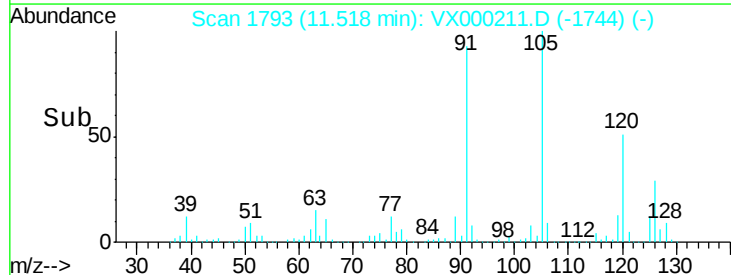
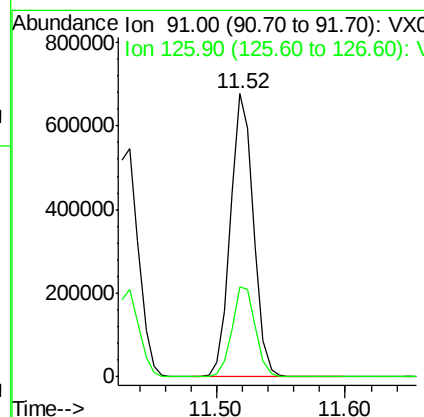
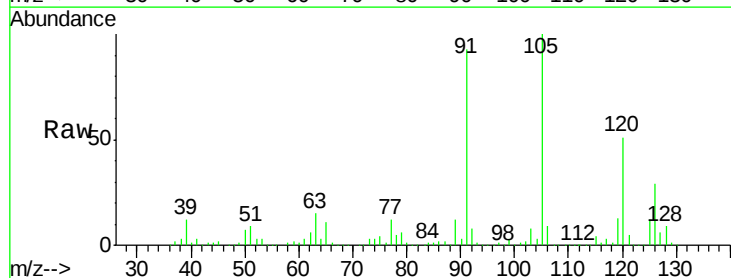
RT: 11.52 min Scan# 1793

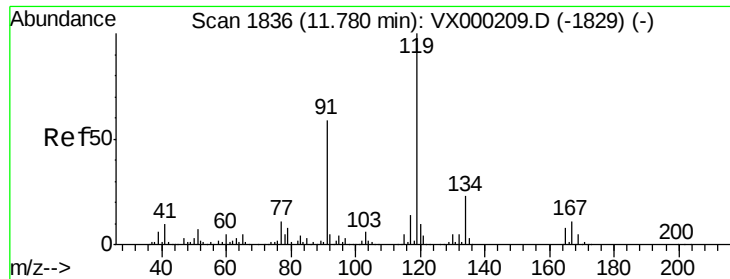
Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Tgt Ion:	91	Resp:	854372
Ion Ratio	Lower	Upper	
91	100		
126	32.3	16.0	48.0





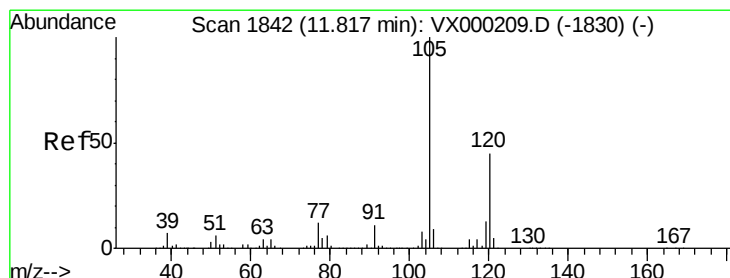
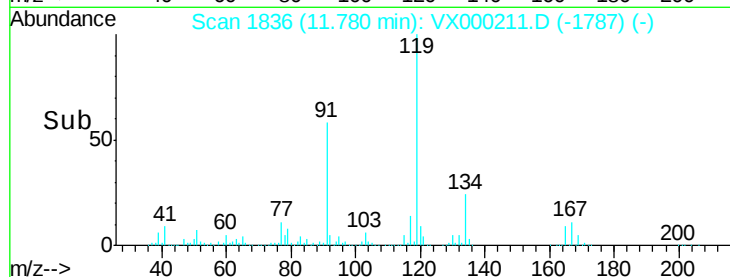
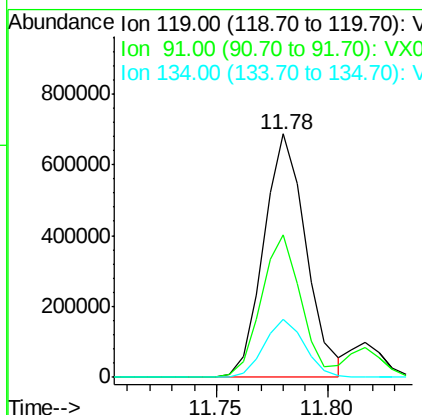
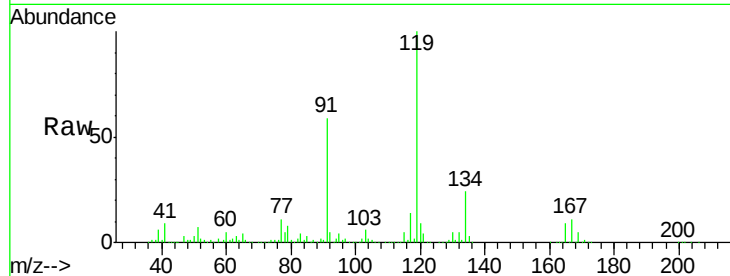
#83
 tert-Butylbenzene
 Concen: 96.93 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000211.D
 Acq: 07 Mar 2018 14:17

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
119	100	907176		
91	55.8	28.9	86.7	
134	22.9	11.5	34.4	

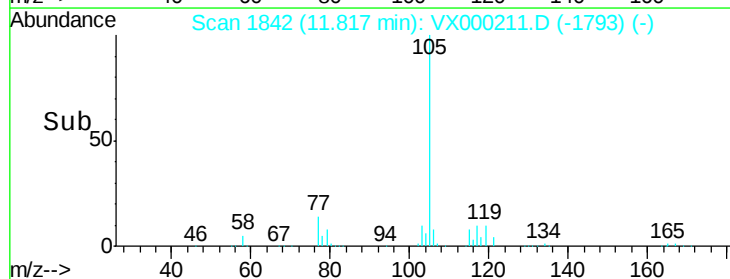
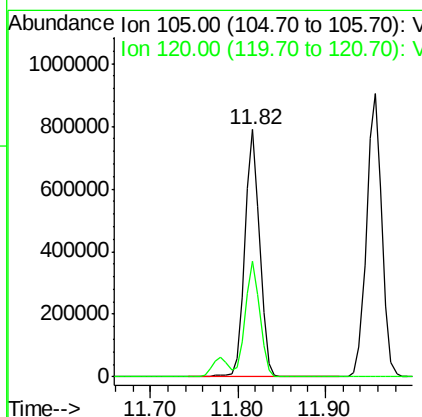
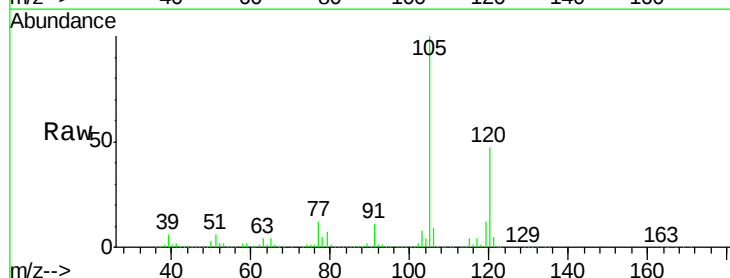
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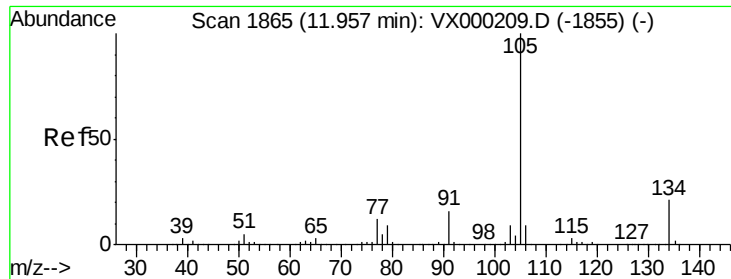
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#84
 1,2,4-Trimethylbenzene
 Concen: 96.42 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000211.D
 Acq: 07 Mar 2018 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	928878		
120	46.0	23.0	69.0	





#85

sec-Butylbenzene

Concen: 95.11 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tot Ion:105 Resp: 1107818

Ion Ratio Lower Upper

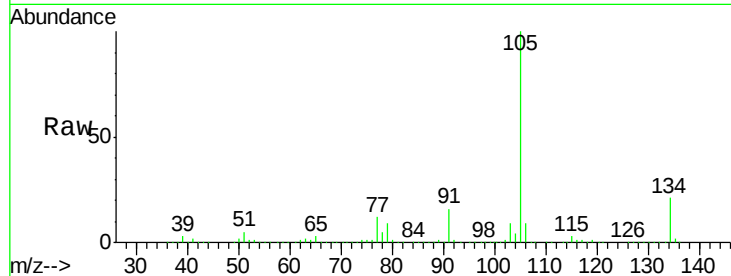
105 100

134 21.0 10.3 30.9

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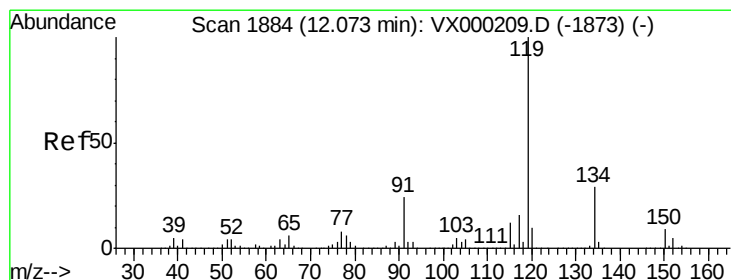
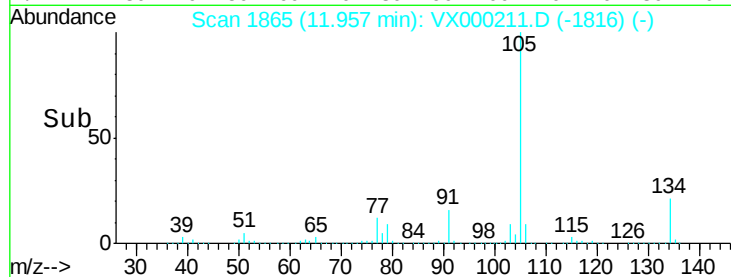
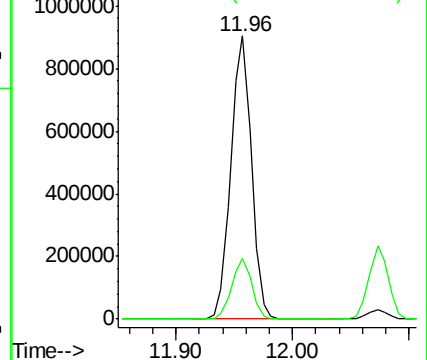
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 97.43 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

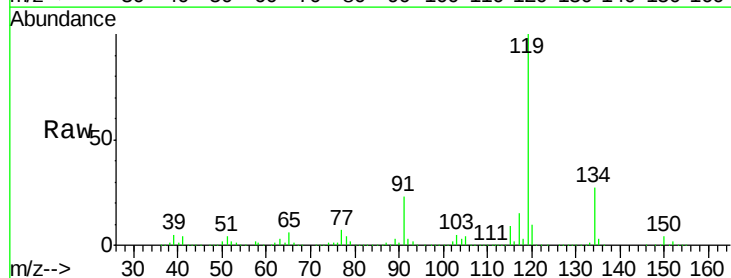
Tgt Ion:119 Resp: 1010851

Ion Ratio Lower Upper

119 100

134 26.9 13.8 41.3

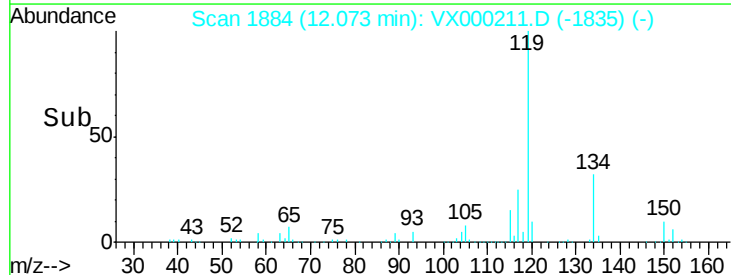
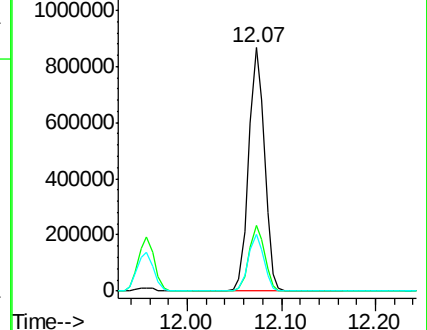
91 23.3 12.0 36.0

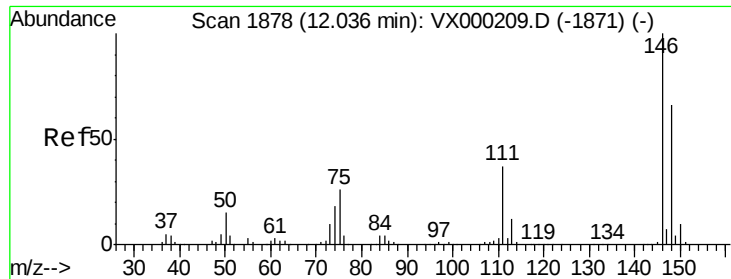


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





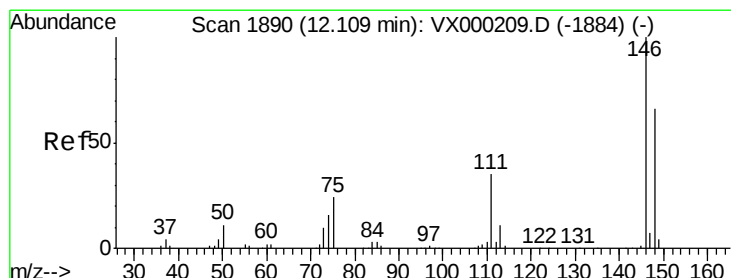
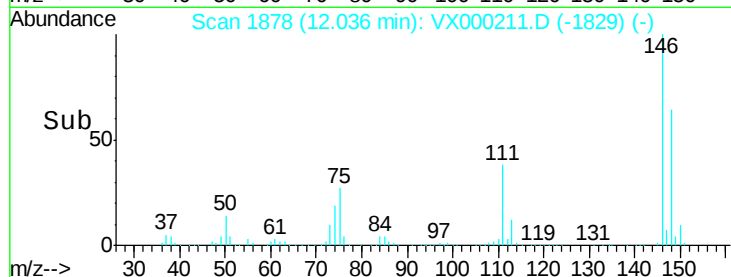
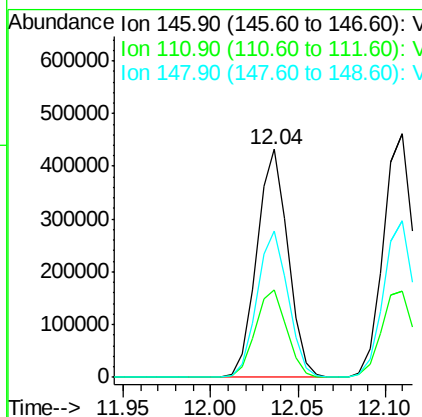
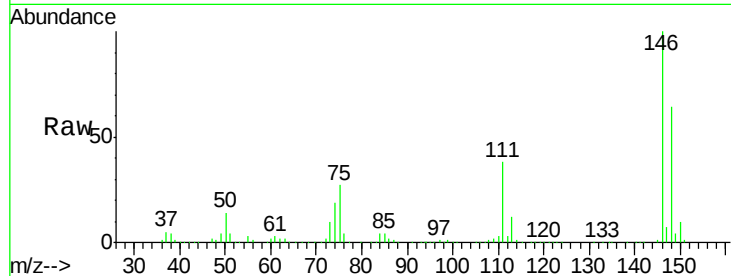
#87
 1,3-Dichlorobenzene
 Concen: 93.84 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000211.D
 Acq: 07 Mar 2018 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.0	57.0
148	63.9	32.1	96.3

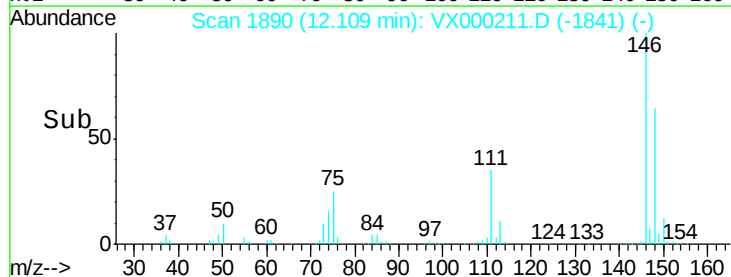
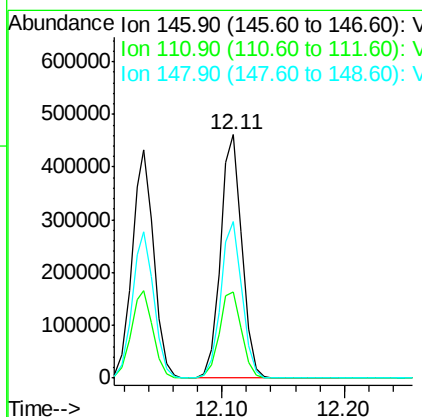
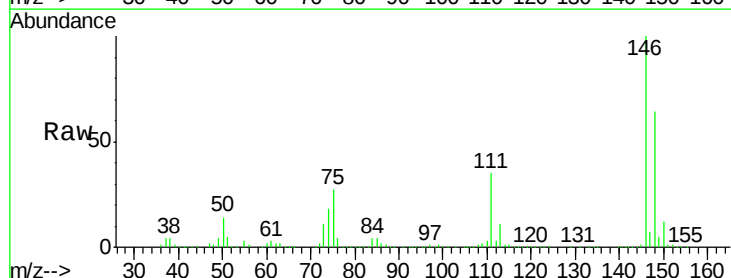
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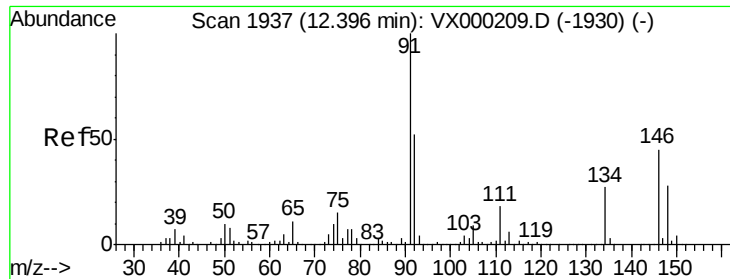
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#88
 1,4-Dichlorobenzene
 Concen: 94.92 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VX000211.D
 Acq: 07 Mar 2018 14:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.9	56.9
148	64.1	32.6	97.8





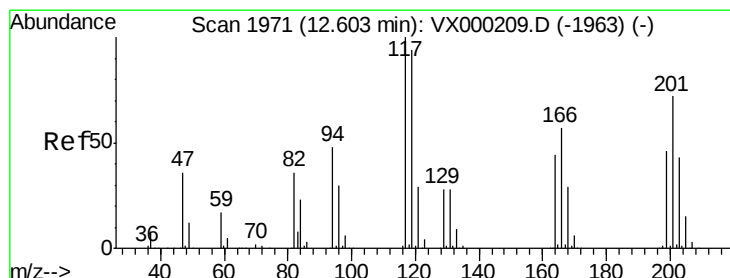
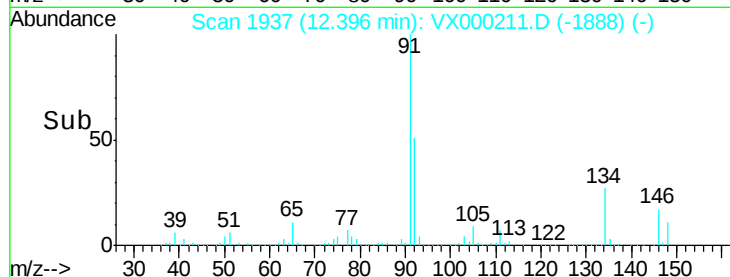
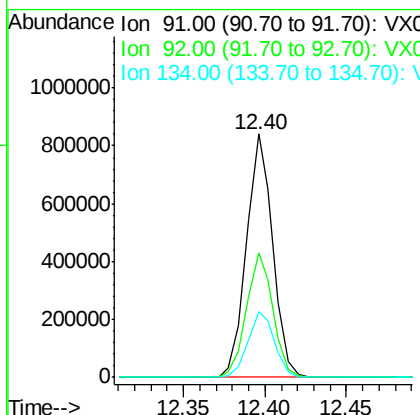
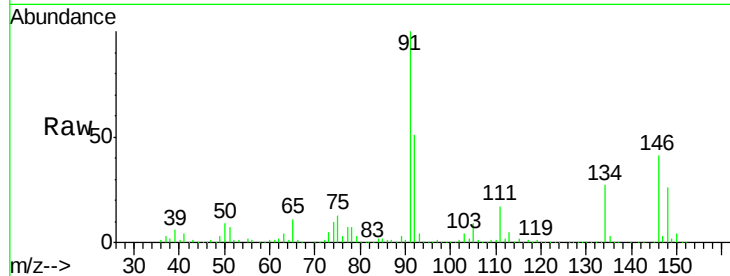
#89
n-Butylbenzene
Concen: 95.76 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.4	25.8	77.4
134	27.4	13.5	40.5

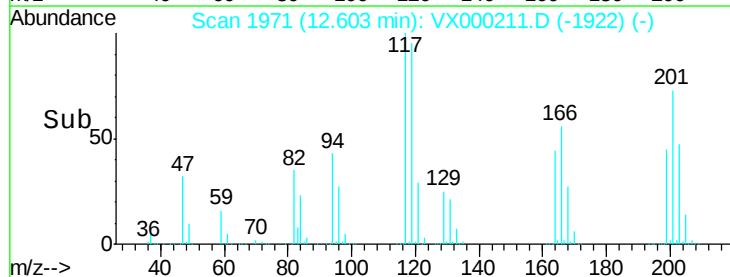
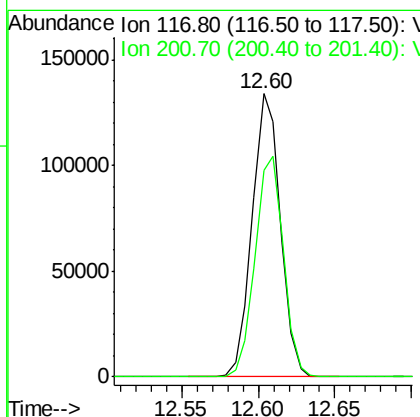
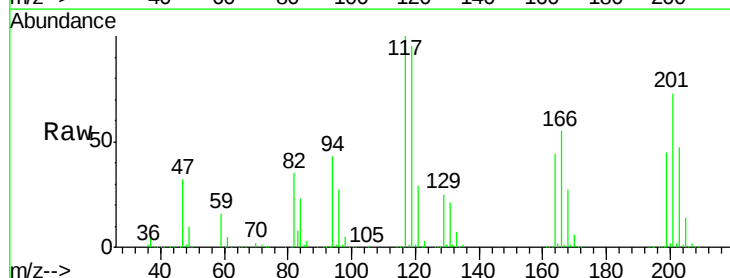
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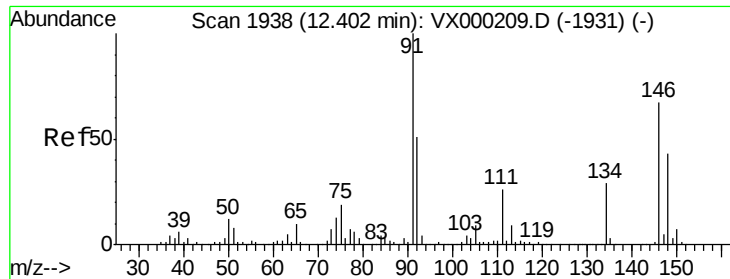
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#90
Hexachloroethane
Concen: 102.51 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000211.D
Acq: 07 Mar 2018 14:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.5	38.2	114.6





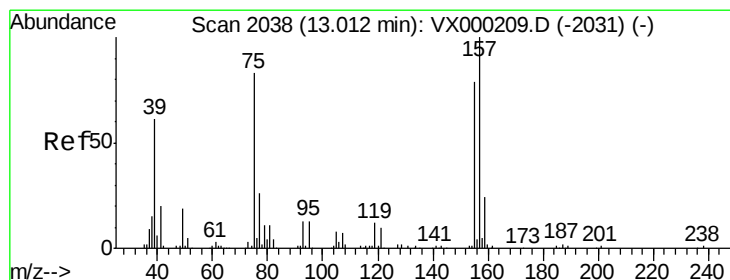
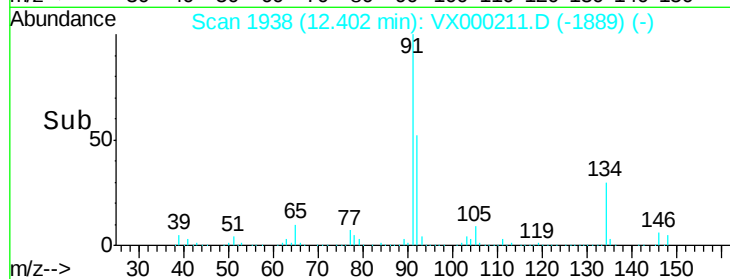
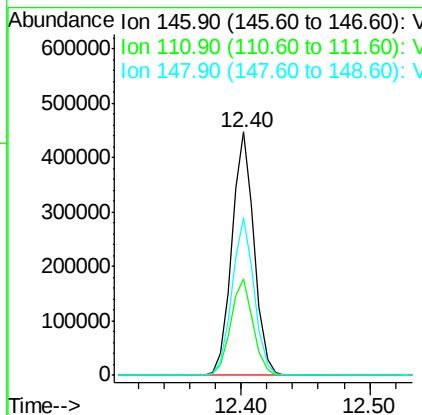
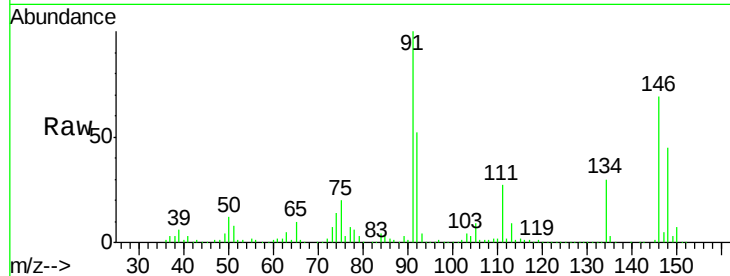
#91
 1,2-Dichlorobenzene
 Concen: 95.72 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000211.D
 Acq: 07 Mar 2018 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.7	59.0
148	64.7	32.0	96.0

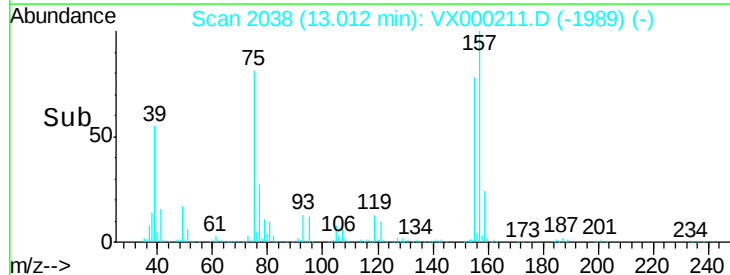
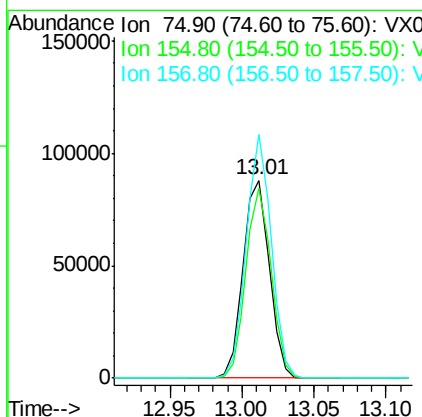
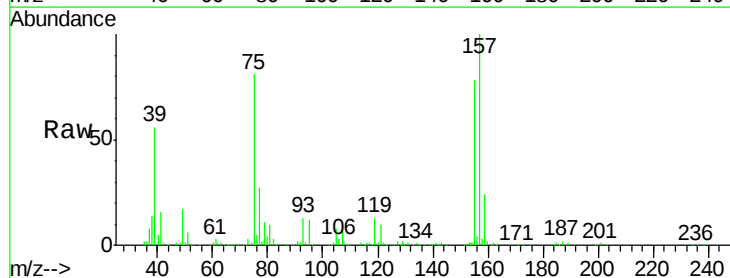
Manual Integrations
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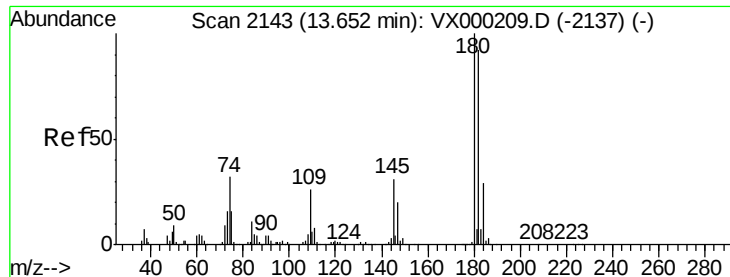
apatel
 3/8/2018 10:42:38 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 105.15 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: VX000211.D
 Acq: 07 Mar 2018 14:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.8	45.5	136.5
157	116.3	58.6	175.8





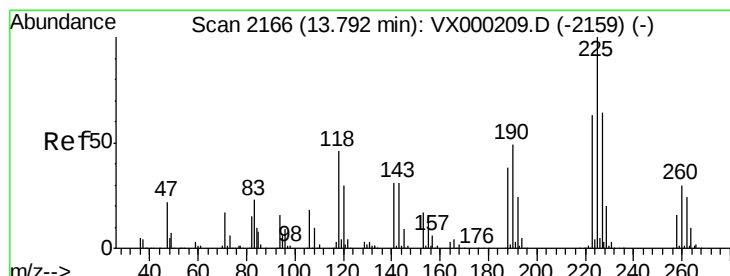
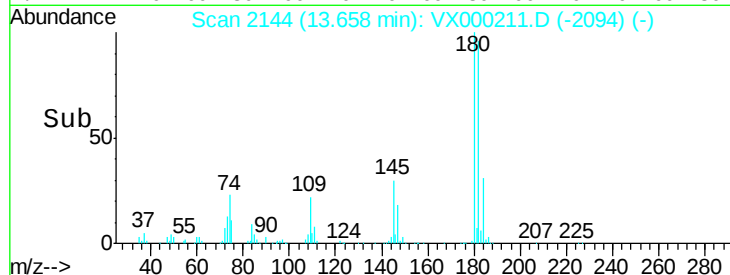
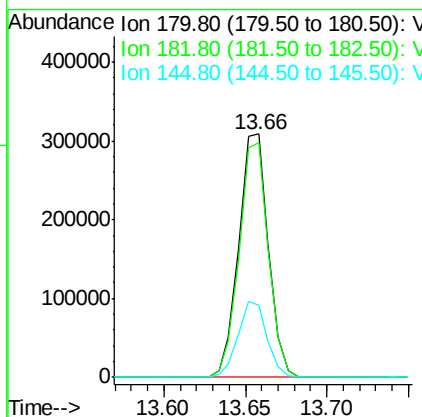
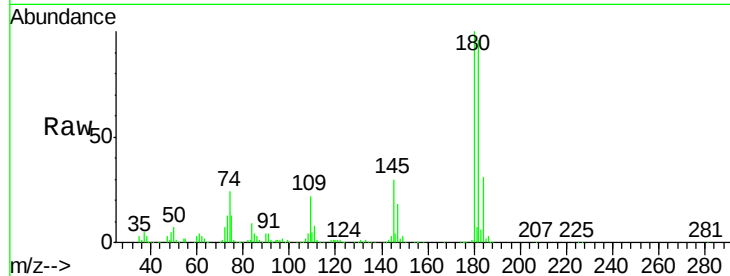
#93
 1,2,4-Trichlorobenzene
 Concen: 93.82 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. 0.01 min
 Lab File: VX000211.D
 Acq: 07 Mar 2018 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	389883		
182	95.4	47.0	141.0	
145	30.6	15.3	45.9	

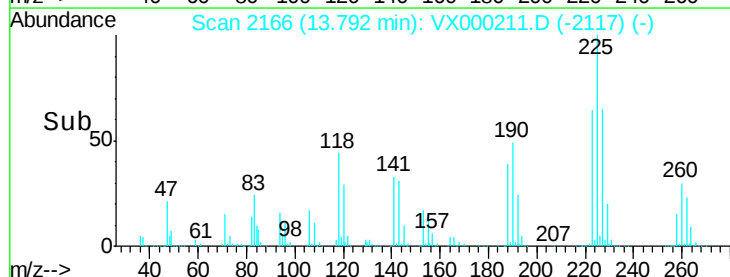
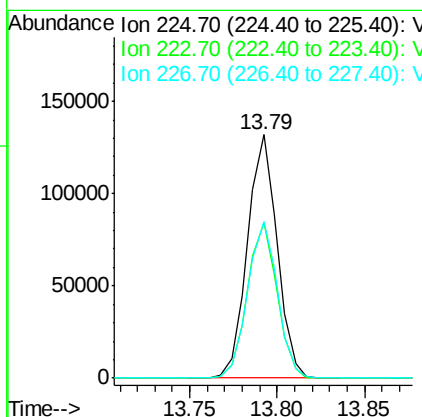
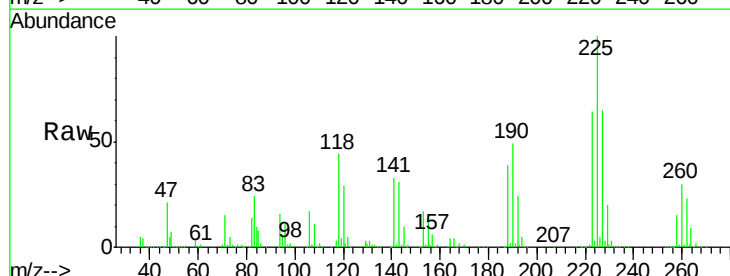
Manual Integrations
 APPROVED

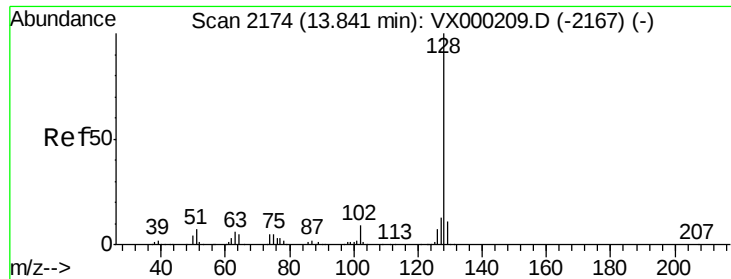
apatel
 3/8/2018 10:42:38 AM



#94
 Hexachlorobutadiene
 Concen: 86.67 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000211.D
 Acq: 07 Mar 2018 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	155114		
223	64.2	31.8	95.3	
227	64.9	31.9	95.5	





#95

Naphthalene

Concen: 98.04 ug/l

RT: 13.85 min Scan# 2175

Delta R.T. 0.01 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

Instrument :

MSVOA_X

ClientSampled :

VSTDICC100

Tot Ion:128 Resp: 1391126

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

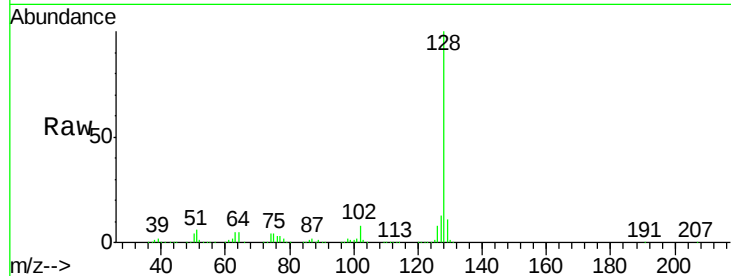
129 10.9 8.6 13.0

Manual Integrations

APPROVED

apatel

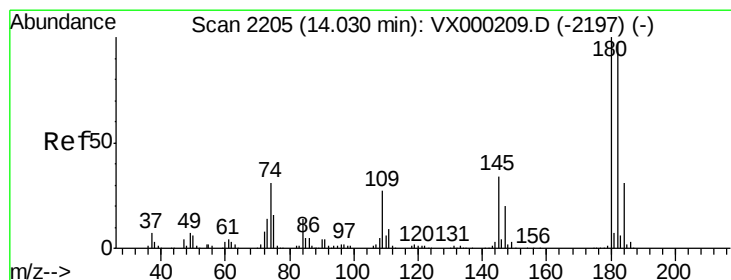
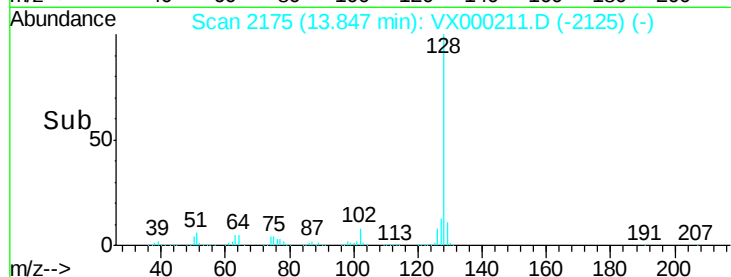
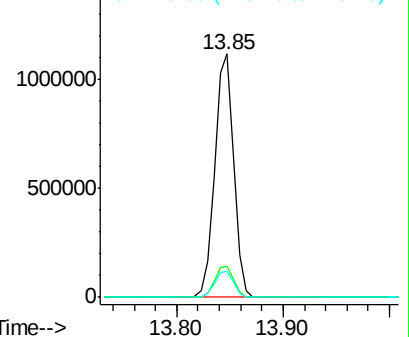
3/8/2018 10:42:38 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 94.16 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000211.D

Acq: 07 Mar 2018 14:17

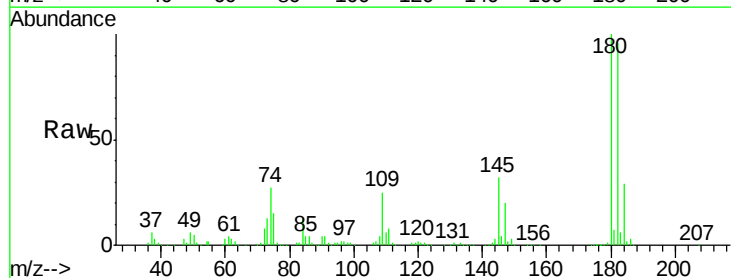
Tgt Ion:180 Resp: 385770

Ion Ratio Lower Upper

180 100

182 95.6 48.0 144.0

145 32.1 16.3 48.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

