

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051518\
 Data File : VX001714.D
 Acq On : 14 May 2018 17:23
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 5/16/2018 11:54:05 AM

Quant Time: May 15 01:20:35 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:02:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	313813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	414468	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	376766	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	247205	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	20593	4.64	ug/l	0.00
Spiked Amount			Recovery	=	9.28%	
35) Dibromofluoromethane	5.51	113	16342	4.49	ug/l	0.00
Spiked Amount			Recovery	=	8.98%	
50) Toluene-d8	8.72	98	55529	4.17	ug/l	0.00
Spiked Amount			Recovery	=	8.34%	
62) 4-Bromofluorobenzene	11.14	95	21410	4.26	ug/l	0.00
Spiked Amount			Recovery	=	8.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	15416	3.83	ug/l	100
3) Chloromethane	1.32	50	16701	4.18	ug/l	98
4) Vinyl Chloride	1.40	62	18191	4.34	ug/l	100
5) Bromomethane	1.64	94	8251	3.38	ug/l	95
6) Chloroethane	1.72	64	11986	4.35	ug/l	100
7) Trichlorofluoromethane	1.93	101	26102	4.16	ug/l	95
8) Diethyl Ether	2.19	74	11244	4.54	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	16031	4.35	ug/l	96
10) Methyl Iodide	2.51	142	12380	2.50	ug/l	98
11) Tert butyl alcohol	3.08	59	19688	21.70	ug/l	97
12) 1,1-Dichloroethene	2.37	96	15381	4.52	ug/l	99
13) Acrolein	2.30	56	14231	50.24	ug/l	99
14) Allyl chloride	2.73	41	27088	4.26	ug/l	96
15) Acrylonitrile	3.15	53	45625	21.68	ug/l	97
16) Acetone	2.45	43	41837	21.07	ug/l	97
17) Carbon Disulfide	2.57	76	35584	4.11	ug/l	97
18) Methyl Acetate	2.78	43	22964	4.31	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	51319	4.33	ug/l	97
20) Methylene Chloride	2.86	84	17766	4.47	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	16190	4.25	ug/l	88
22) Diisopropyl ether	3.88	45	53548	4.49	ug/l	98
23) Vinyl Acetate	3.83	43	221156	22.96	ug/l	98
24) 1,1-Dichloroethane	3.70	63	30471	4.60	ug/l	97
25) 2-Butanone	4.71	43	60284	20.78	ug/l	96
26) 2,2-Dichloropropane	4.59	77	22904	4.45	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	17937	4.38	ug/l	94
28) Bromochloromethane	5.03	49	11811	4.05	ug/l	97
29) Tetrahydrofuran	5.17	42	38722	20.80	ug/l	99
30) Chloroform	5.22	83	31646	4.61	ug/l	99
31) Cyclohexane	5.58	56	24351	4.24	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	25926	4.33	ug/l	98
36) 1,1-Dichloropropene	5.81	75	22158	4.27	ug/l	98
37) Ethyl Acetate	4.87	43	23832	4.22	ug/l	99
38) Carbon Tetrachloride	5.78	117	23254	4.22	ug/l	94

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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC005

Manual Integrations
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Quant Time: May 15 01:20:35 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:02:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	24366	3.97	ug/l	96
40) Benzene	6.15	78	68041	4.49	ug/l	98
41) Methacrylonitrile	5.07	41	13836	4.26	ug/l	97
42) 1,2-Dichloroethane	6.20	62	26059	4.51	ug/l	100
43) Isopropyl Acetate	6.48	43	35929	4.14	ug/l	99
44) Trichloroethene	7.21	130	21074	4.52	ug/l	99
45) 1,2-Dichloropropane	7.52	63	16695	4.41	ug/l	99
46) Dibromomethane	7.67	93	11762	4.41	ug/l	97
47) Bromodichloromethane	7.90	83	20043	4.06	ug/l	95
48) Methyl methacrylate	7.78	41	18772	3.98	ug/l	97
49) 1,4-Dioxane	7.76	88	7230	72.53	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	116457	20.24	ug/l	99
52) Toluene	8.79	92	43901	4.43	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	22567	4.03	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	19951	3.96	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	17089	4.32	ug/l	95
56) Ethyl methacrylate	9.19	69	21566	3.79	ug/l	98
57) 1,3-Dichloropropane	9.38	76	29497	4.51	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	61119	21.70	ug/l	100
59) 2-Hexanone	9.51	43	85113	19.56	ug/l	96
60) Dibromochloromethane	9.59	129	15191	3.77	ug/l	99
61) 1,2-Dibromoethane	9.68	107	17373	4.19	ug/l	99
64) Tetrachloroethene	9.34	164	24130	4.65	ug/l	98
65) Chlorobenzene	10.15	112	49929	4.57	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	16353	4.20	ug/l	100
67) Ethyl Benzene	10.26	91	76281	4.26	ug/l	99
68) m/p-Xylenes	10.37	106	60079	8.51	ug/l	99
69) o-Xylene	10.71	106	28698	4.19	ug/l	100
70) Styrene	10.72	104	45903	4.12	ug/l	99
71) Bromoform	10.86	173	11568	3.63	ug/l #	97
73) Isopropylbenzene	11.02	105	77759	4.55	ug/l	98
74) N-amyl acetate	6.48	43	35929	4.58	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	23779	4.72	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	23031m	4.59	ug/l	
77) Bromobenzene	11.26	156	22825	4.58	ug/l	97
78) n-propylbenzene	11.37	91	85917	4.61	ug/l	98
79) 2-Chlorotoluene	11.43	91	52781	4.62	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	63317	4.46	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	4935	3.73	ug/l #	74
82) 4-Chlorotoluene	11.52	91	61983	4.70	ug/l	100
83) tert-Butylbenzene	11.77	119	60352	4.29	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	64800	4.44	ug/l	100
85) sec-Butylbenzene	11.95	105	76071	4.48	ug/l	98
86) p-Isopropyltoluene	12.07	119	70360	4.53	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	41849	4.71	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	43835	4.83	ug/l	93
89) n-Butylbenzene	12.40	91	58352	4.50	ug/l	99
90) Hexachloroethane	12.60	117	9910	4.19	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	41918	4.65	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	4418	4.01	ug/l	99

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051518\
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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

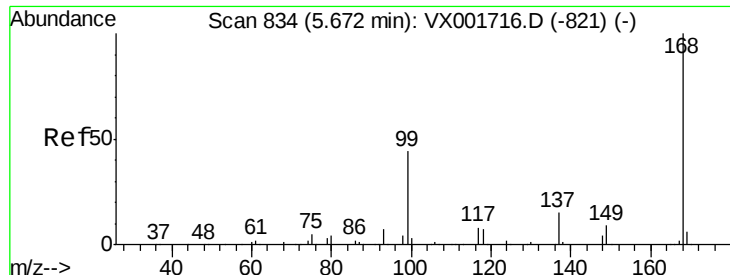
Manual Integrations
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5/16/2018 11:54:05 AM

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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
Quant Title : SW846 8260
QLast Update : Tue May 15 01:02:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	31722	4.75	ug/l	99
94) Hexachlorobutadiene	13.79	225	17387	4.76	ug/l	98
95) Naphthalene	13.84	128	78706	4.29	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	32105	4.70	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 313813

Ion Ratio Lower Upper

168 100

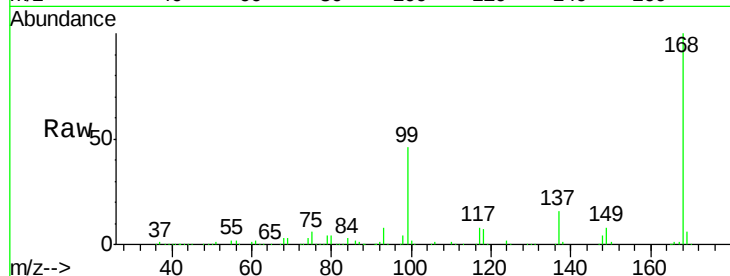
99 46.2 35.0 52.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

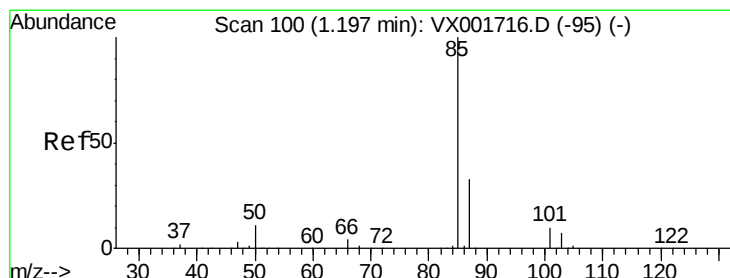
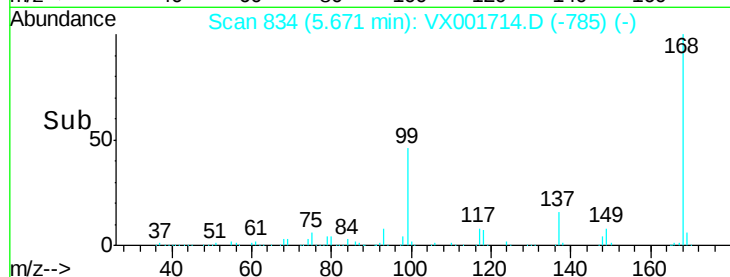
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 3.83 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001714.D

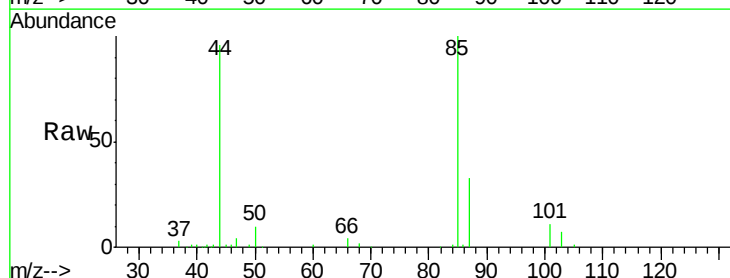
Acq: 14 May 2018 17:23

Tgt Ion: 85 Resp: 15416

Ion Ratio Lower Upper

85 100

87 32.6 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

15000

10000

5000

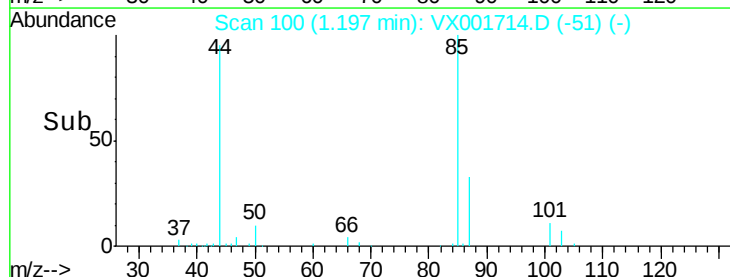
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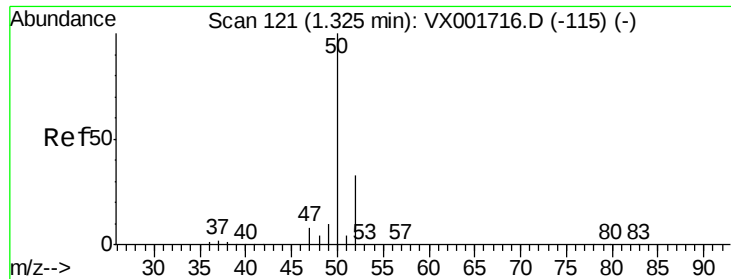
1.15

1.20

1.25

Time-->





#3

Chloromethane

Concen: 4.18 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 16701

Ion Ratio Lower Upper

50 100

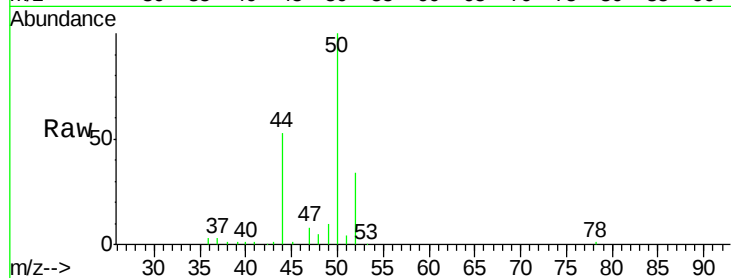
52 34.0 26.3 39.5

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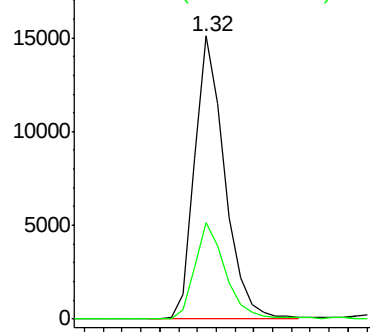
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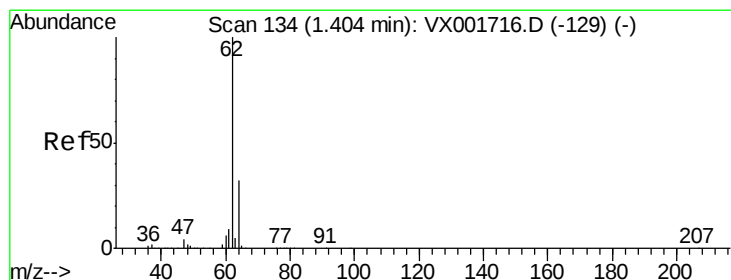
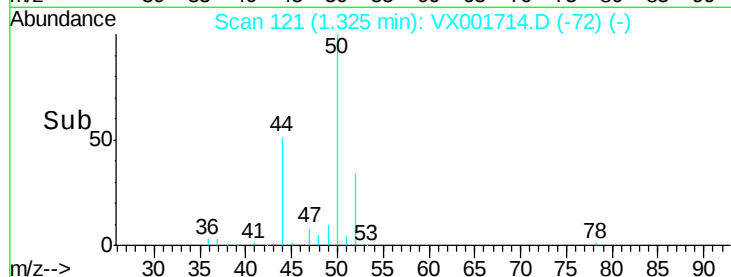


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 4.34 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001714.D

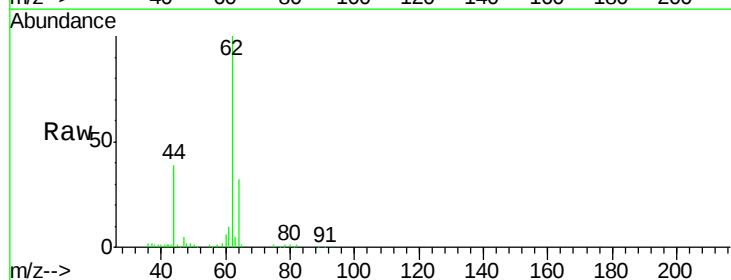
Acq: 14 May 2018 17:23

Tgt Ion: 62 Resp: 18191

Ion Ratio Lower Upper

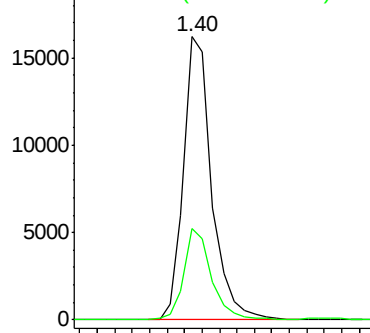
62 100

64 32.1 25.6 38.4

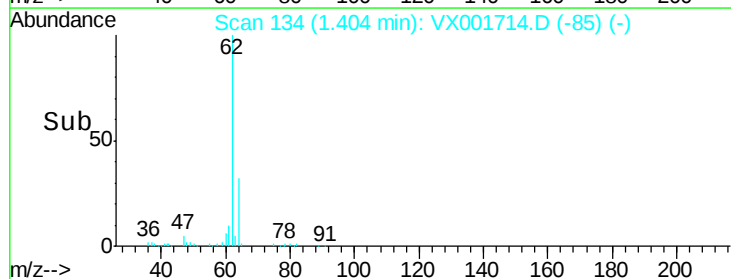


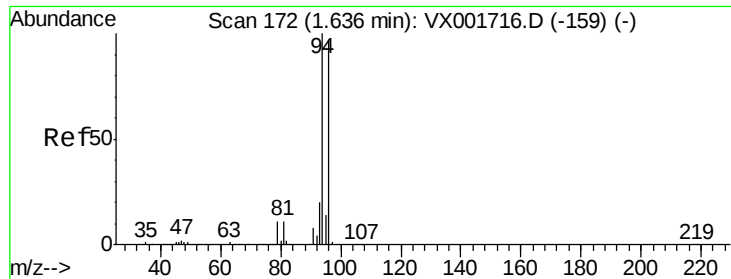
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 3.38 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 8251

Ion Ratio Lower Upper

94 100

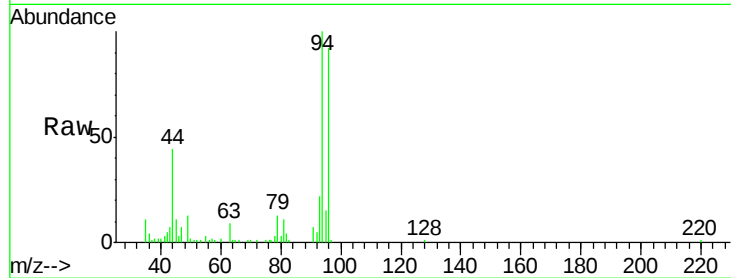
96 92.2 77.4 116.0

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

8000

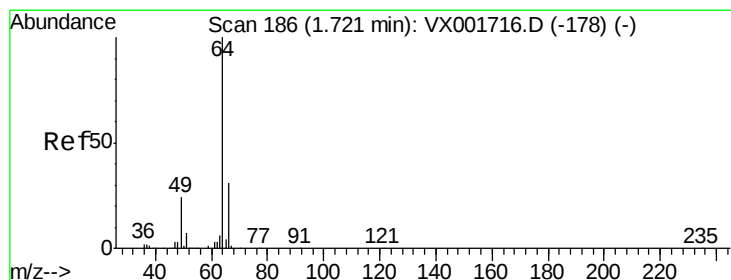
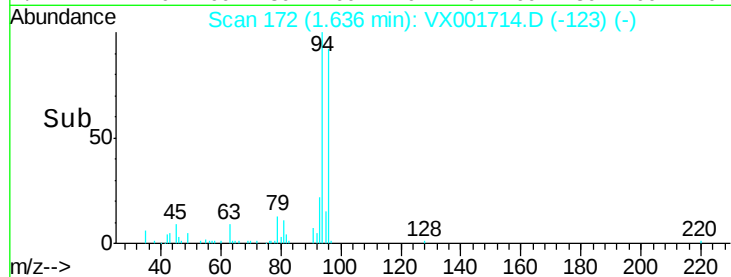
6000

4000

2000

0

Time-->



#6

Chloroethane

Concen: 4.35 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX001714.D

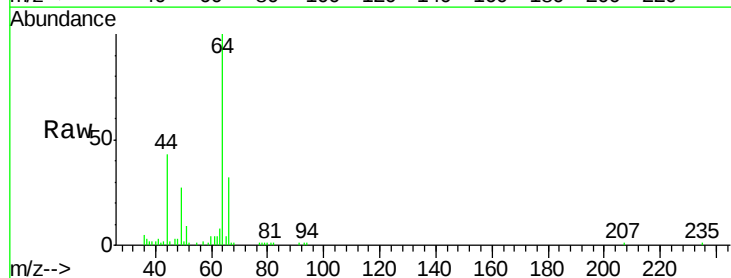
Acq: 14 May 2018 17:23

Tgt Ion: 64 Resp: 11986

Ion Ratio Lower Upper

64 100

66 31.7 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

10000

8000

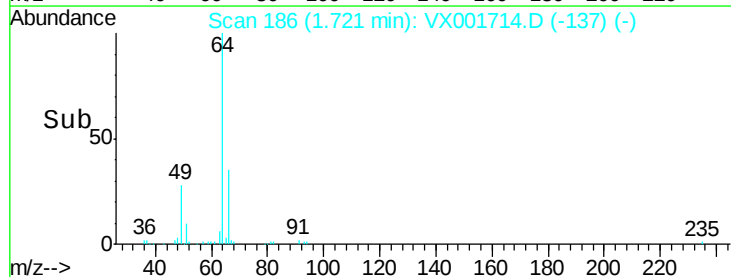
6000

4000

2000

0

Time-->





#7

Trichlorofluoromethane

Concen: 4.16 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:101 Resp: 26102

Ion Ratio Lower Upper

101 100

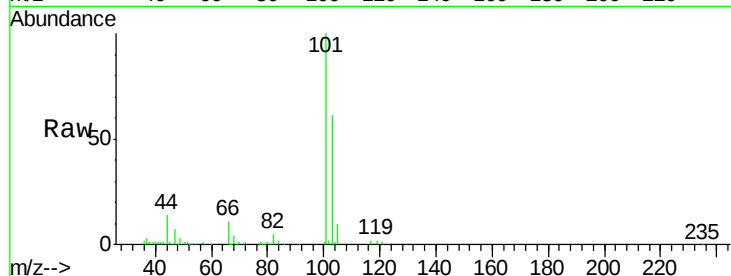
103 61.4 52.6 78.8

Manual Integrations

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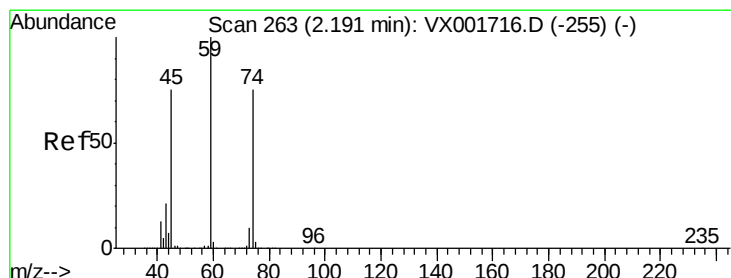
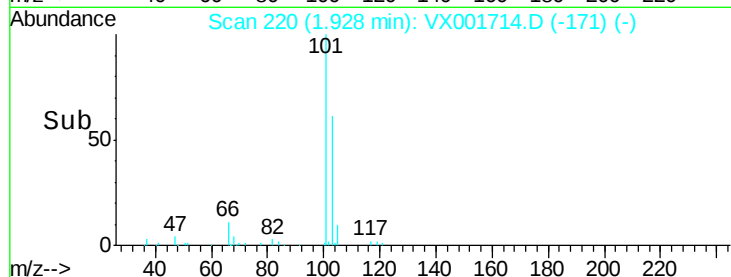
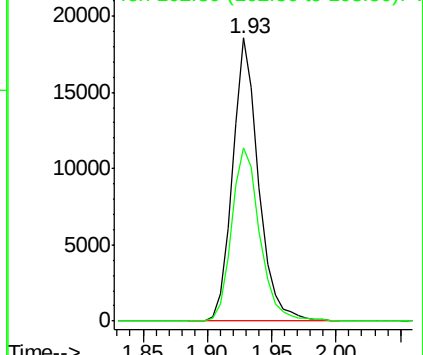
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 4.54 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX001714.D

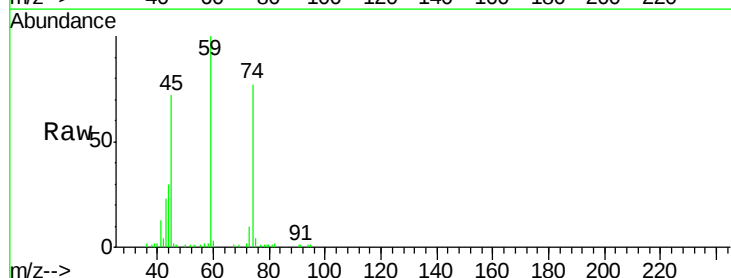
Acq: 14 May 2018 17:23

Tgt Ion: 74 Resp: 11244

Ion Ratio Lower Upper

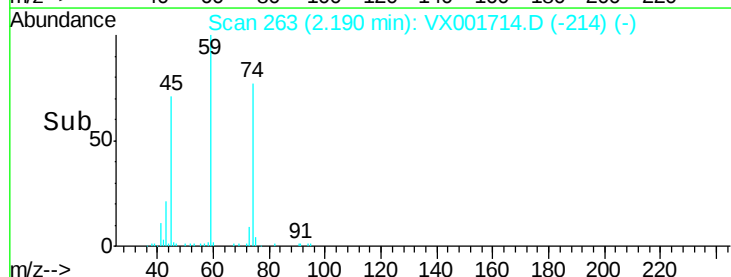
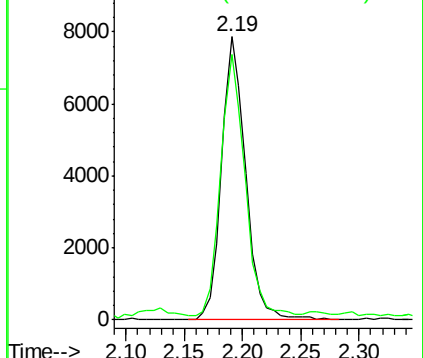
74 100

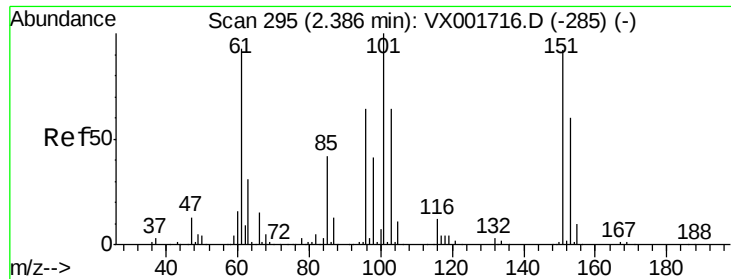
45 92.7 50.0 149.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.35 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

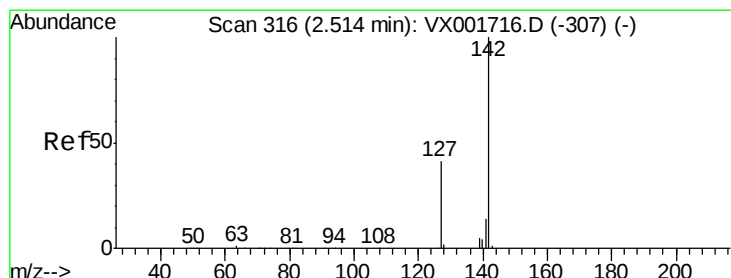
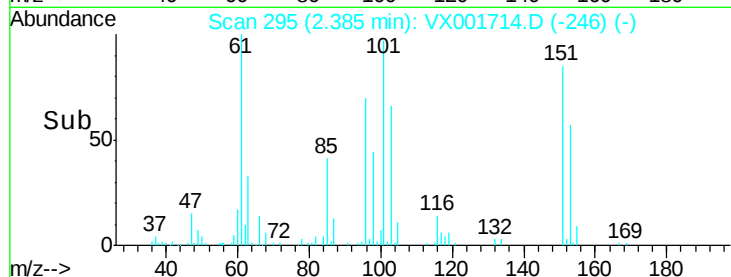
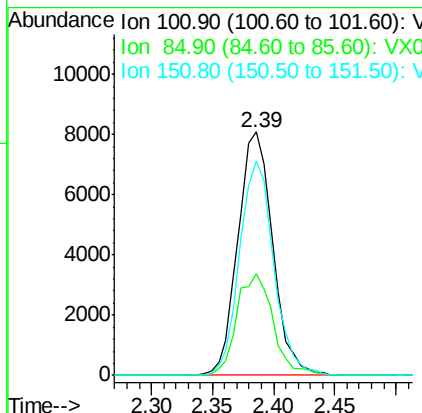
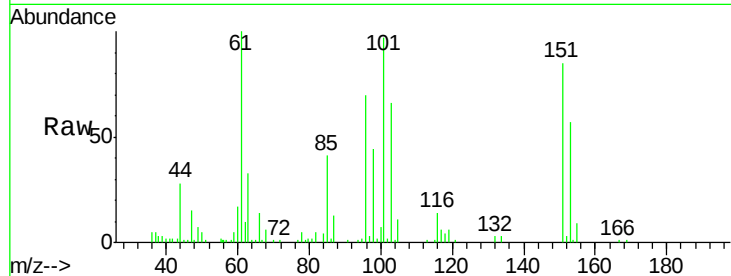
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	16031
Ion Ratio	Lower	Upper	
101	100		
85	43.1	33.7	50.5
151	86.4	73.0	109.6

Manual Integrations
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#10

Methyl Iodide

Concen: 2.50 ug/l

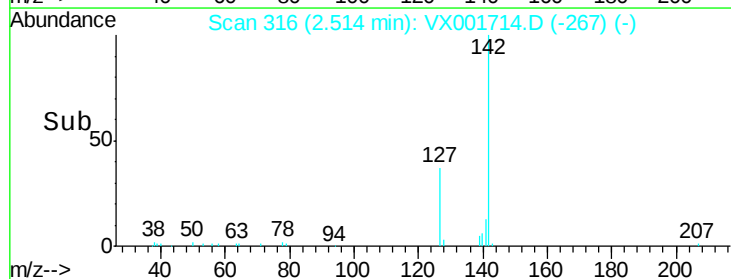
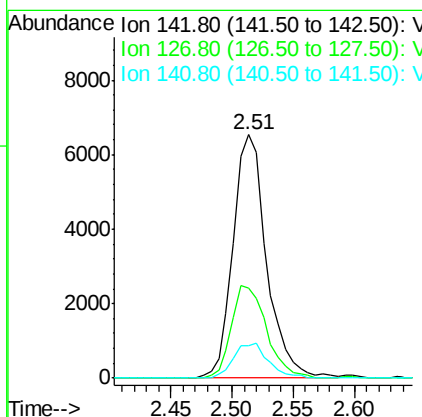
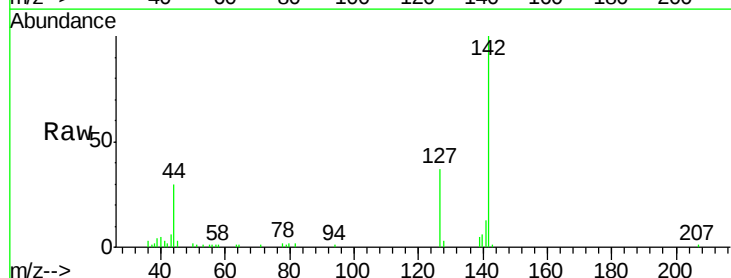
RT: 2.51 min Scan# 316

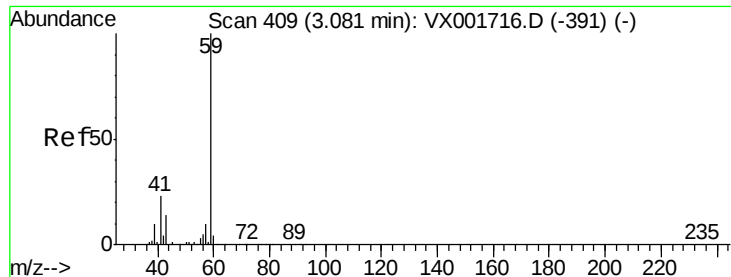
Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Tgt Ion:	142	Resp:	12380
Ion Ratio	Lower	Upper	
142	100		
127	39.5	32.5	48.7
141	15.0	11.4	17.0





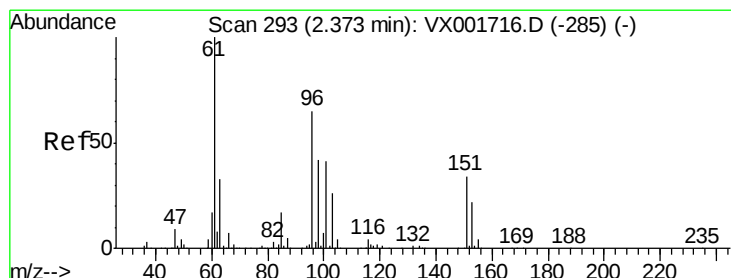
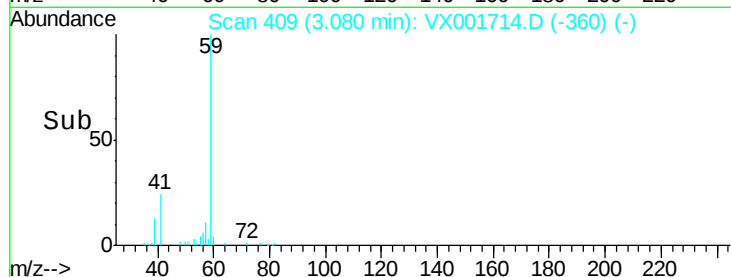
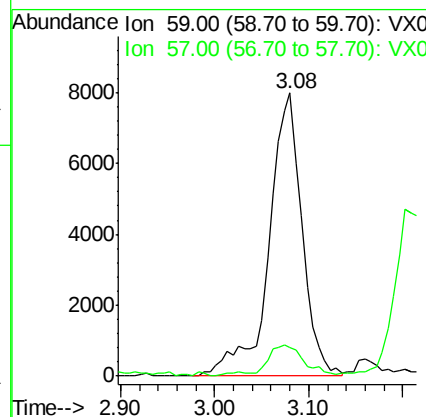
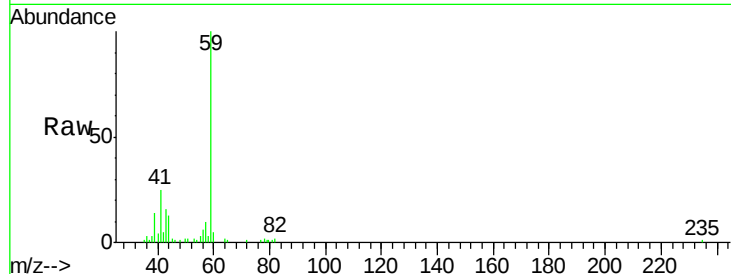
#11
Tert butyl alcohol
Concen: 21.70 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.6	8.5	12.7

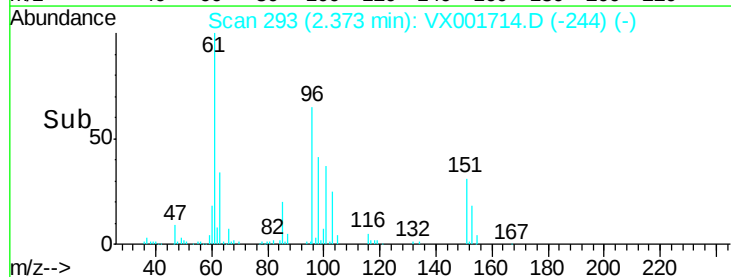
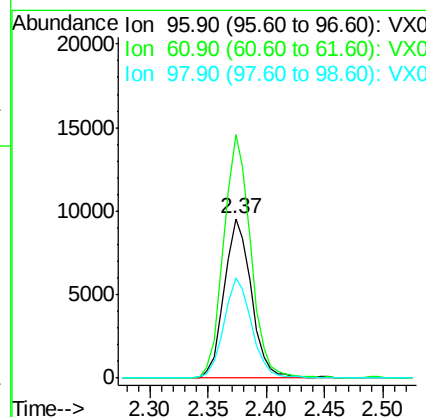
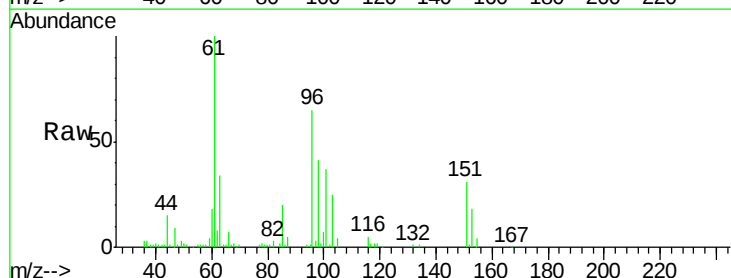
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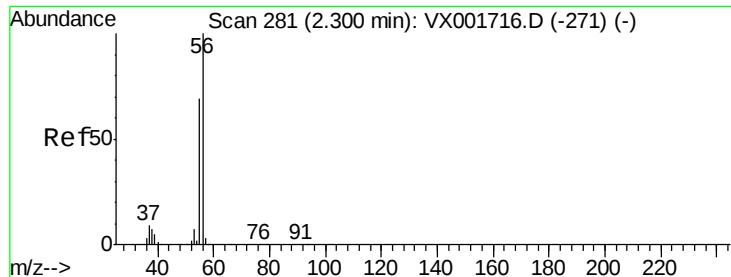
MMDadoda
5/16/2018 11:54:05 AM



#12
1,1-Dichloroethene
Concen: 4.52 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.9	122.2	183.2
98	62.9	51.4	77.0





#13

Acrolein

Concen: 50.24 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 14231

Ion Ratio Lower Upper

56 100

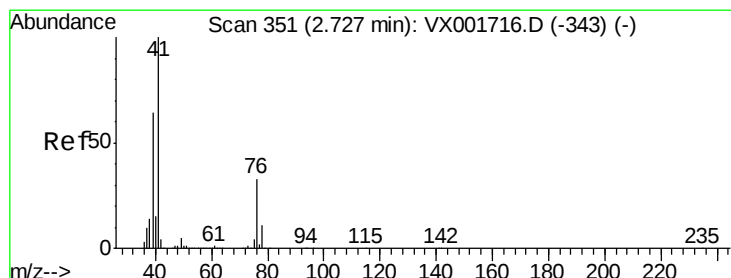
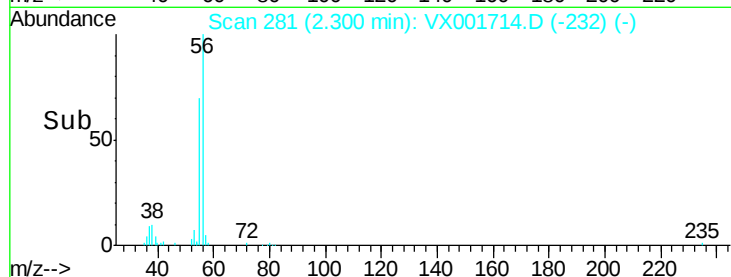
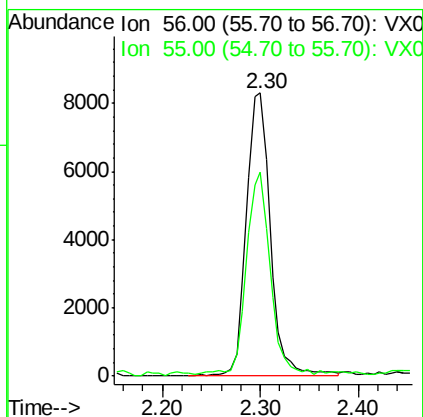
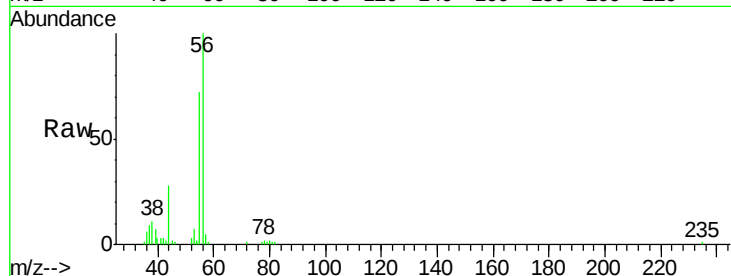
55 69.2 56.2 84.2

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#14

Allyl chloride

Concen: 4.26 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

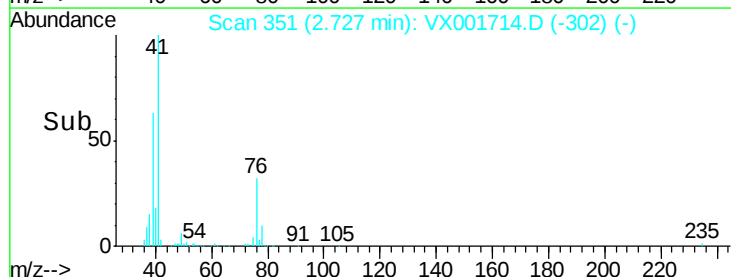
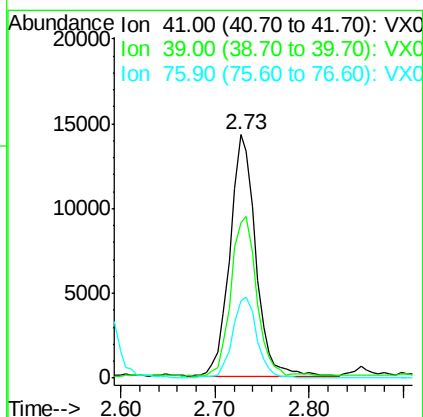
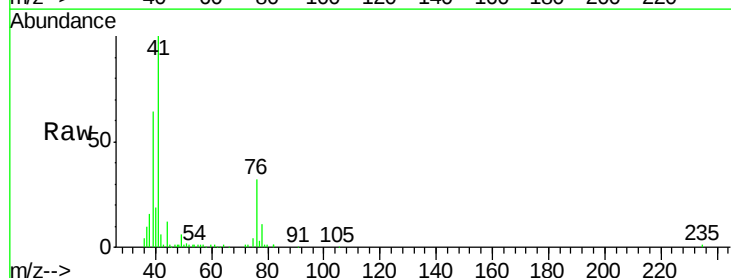
Tgt Ion: 41 Resp: 27088

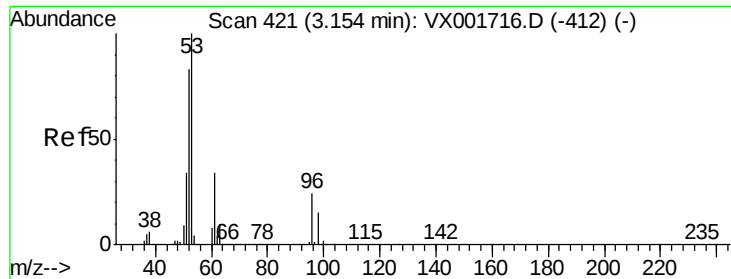
Ion Ratio Lower Upper

41 100

39 66.5 49.8 74.6

76 32.4 25.8 38.8





#15

Acrylonitrile

Concen: 21.68 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

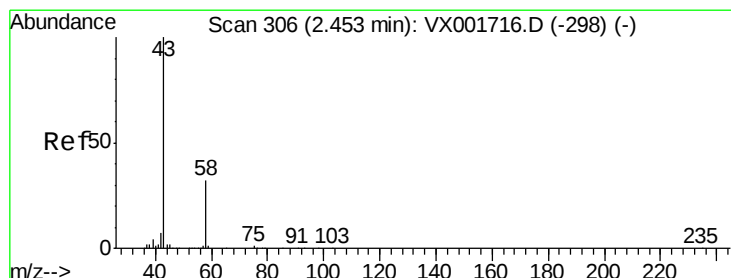
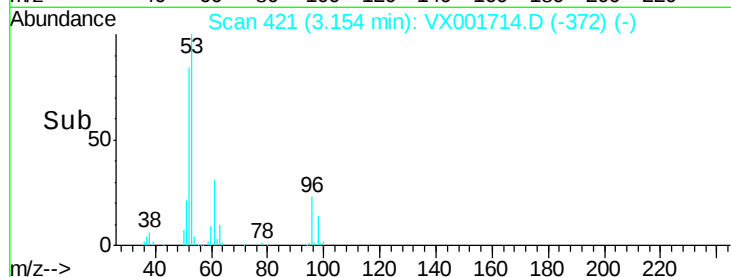
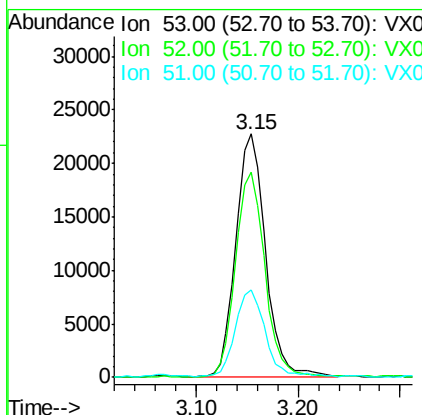
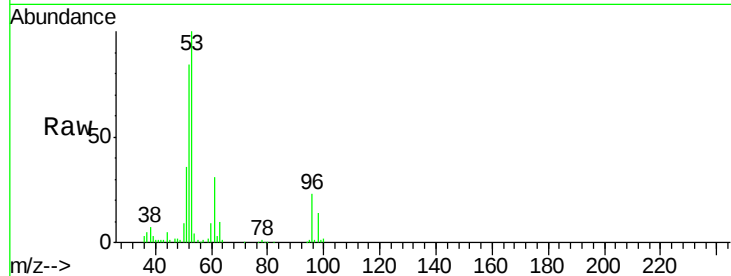
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	45625
Ion	Ratio	Lower	Upper
53	100		
52	84.5	65.6	98.4
51	36.4	28.1	42.1

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#16

Acetone

Concen: 21.07 ug/l

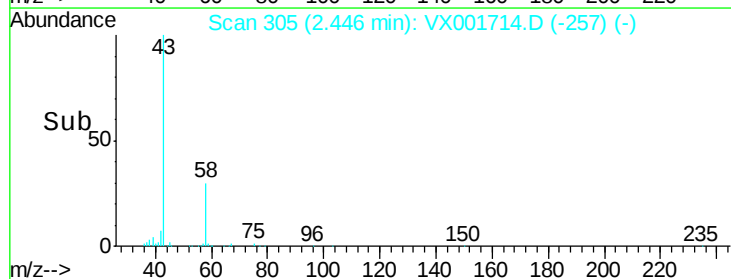
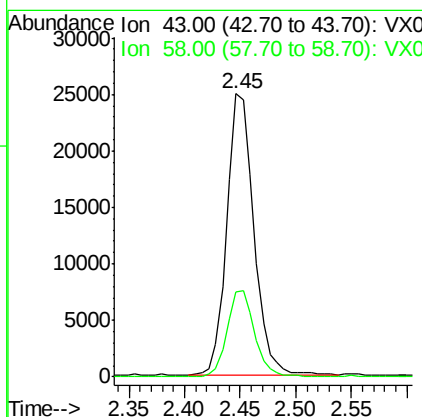
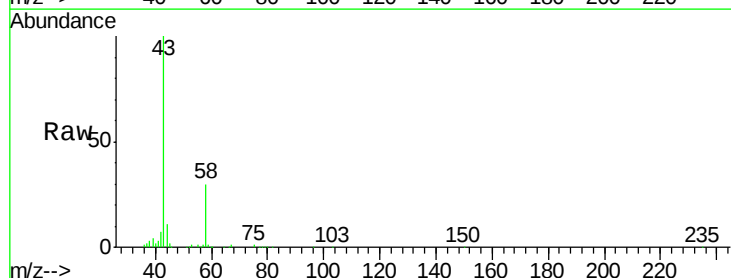
RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Tgt Ion:	43	Resp:	41837
Ion	Ratio	Lower	Upper
43	100		
58	30.2	25.3	37.9





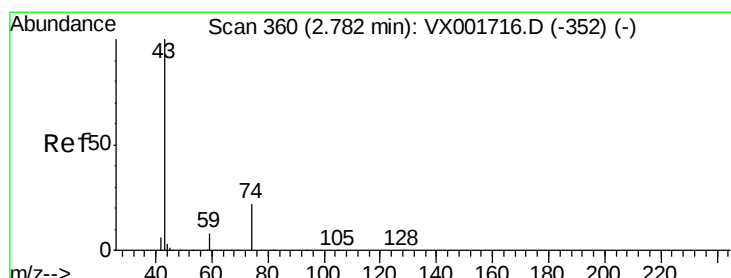
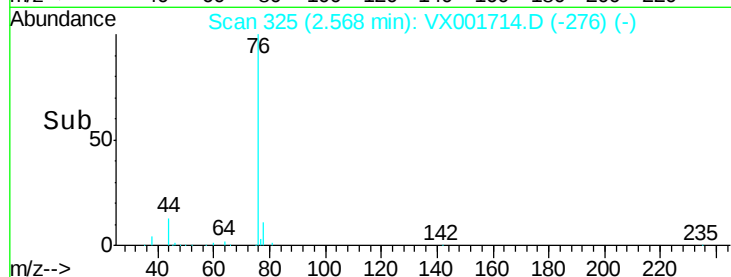
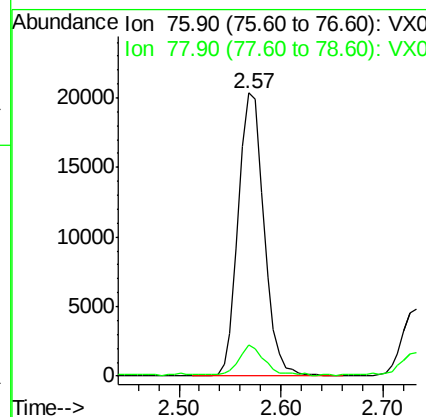
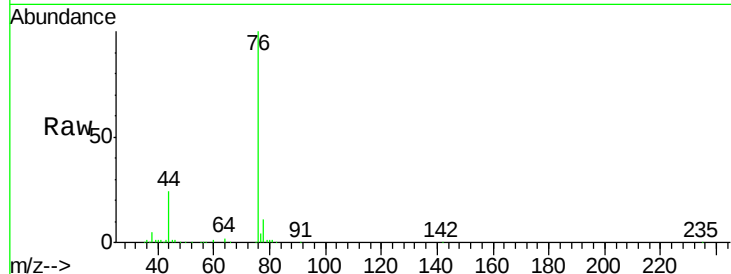
#17
Carbon Disulfide
Concen: 4.11 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.7	7.6	11.4

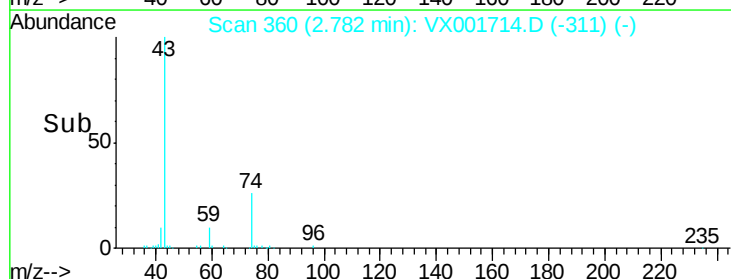
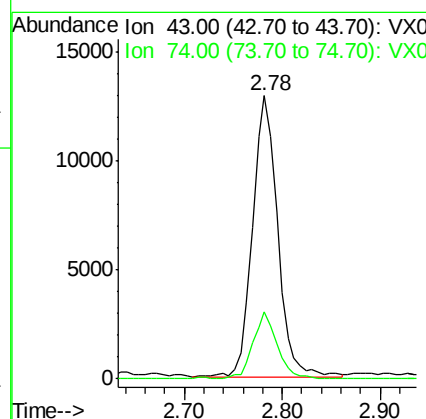
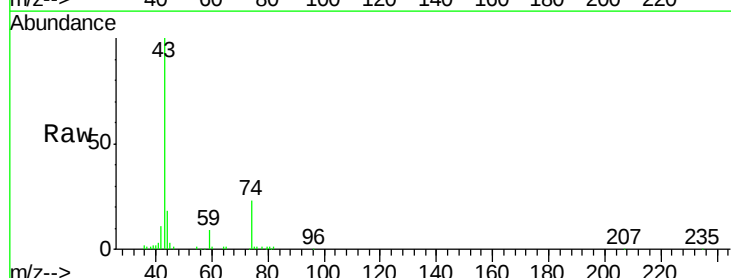
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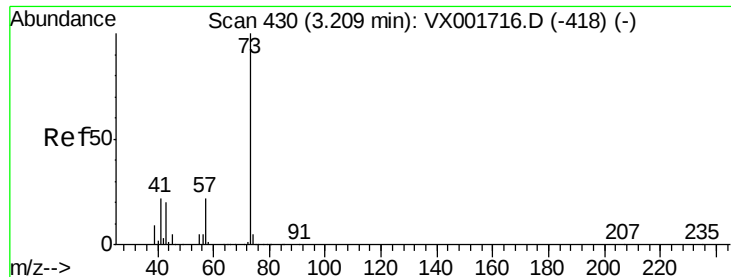
MMDadoda
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#18
Methyl Acetate
Concen: 4.31 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	18.2	27.2





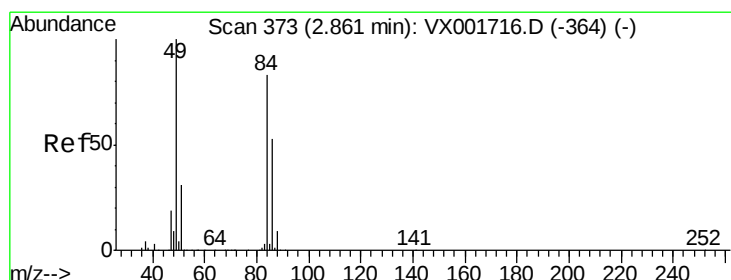
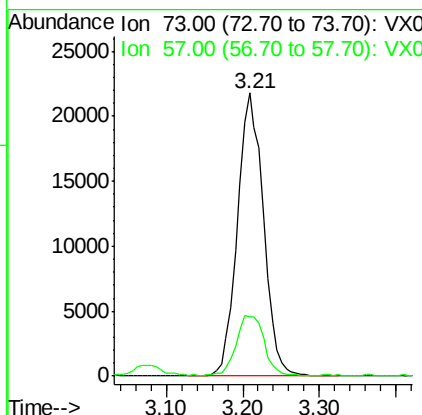
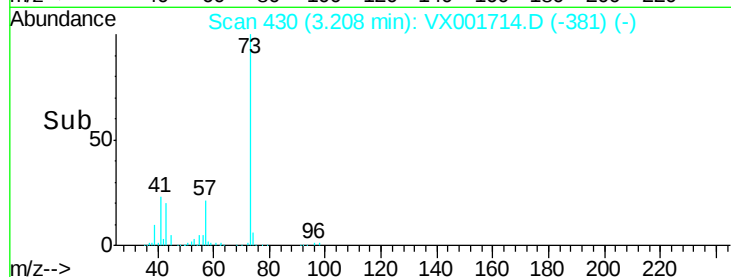
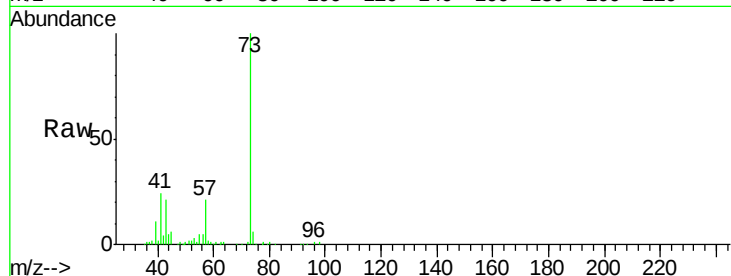
#19
Methvl tert-butvl Ether
Concen: 4.33 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.5	17.5	26.3

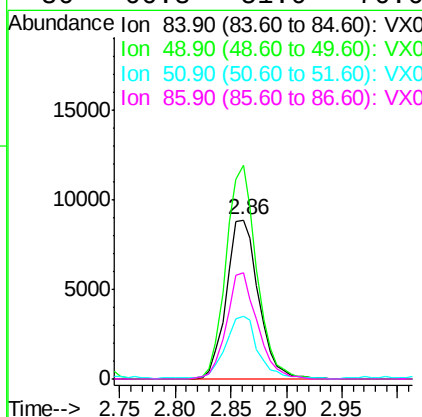
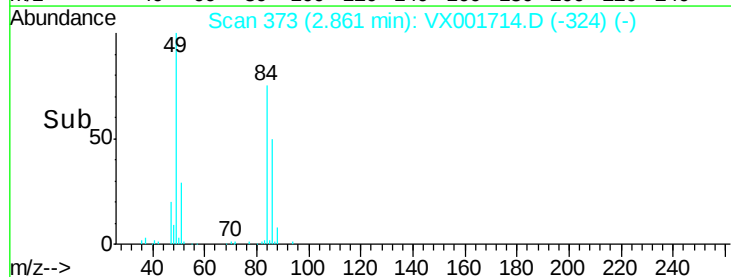
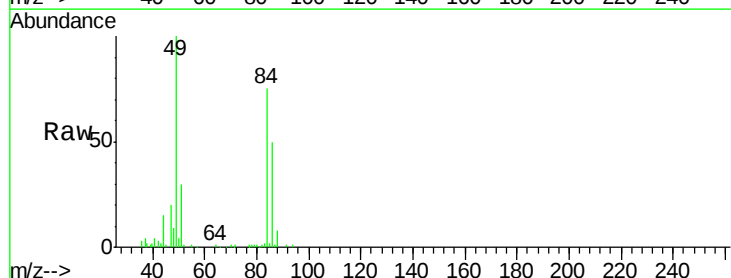
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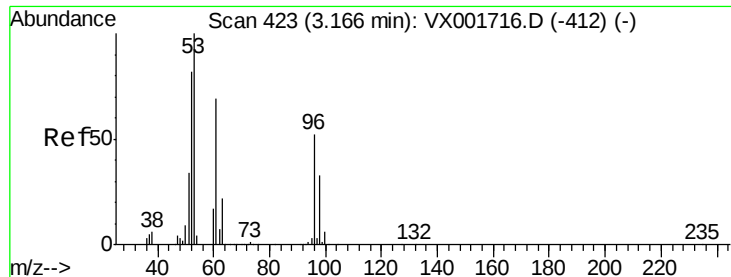
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#20
Methylene Chloride
Concen: 4.47 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Tgt Ion	Ratio	Lower	Upper
84	100		
49	134.0	96.3	144.5
51	39.6	29.8	44.6
86	66.8	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 4.25 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

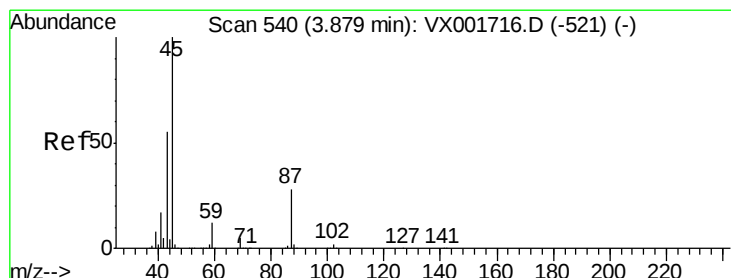
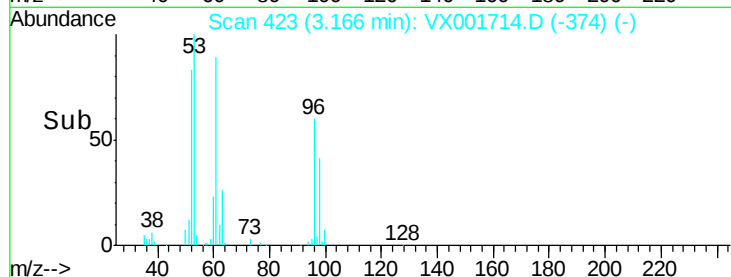
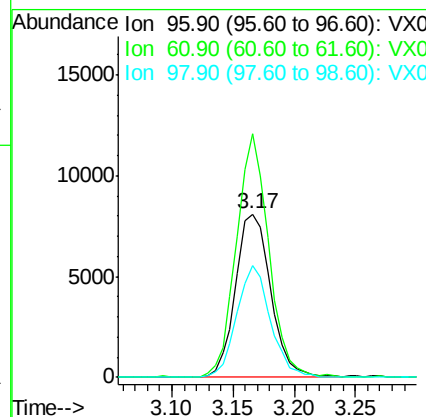
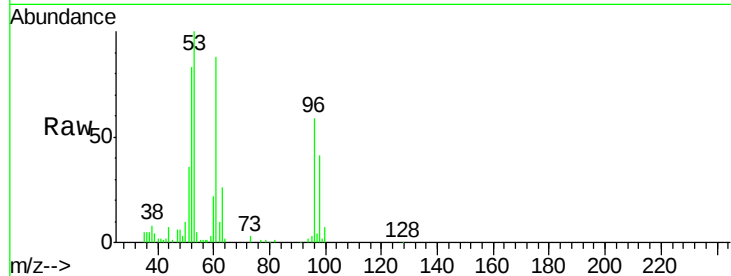
ClientSampleId :

VSTDIC005

Tot Ion:	96	Resp:	16190
Ion	Ratio	Lower	Upper
96	100		
61	148.8	105.8	158.8
98	68.6	50.2	75.4

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#22

Diisopropyl ether

Concen: 4.49 ug/l

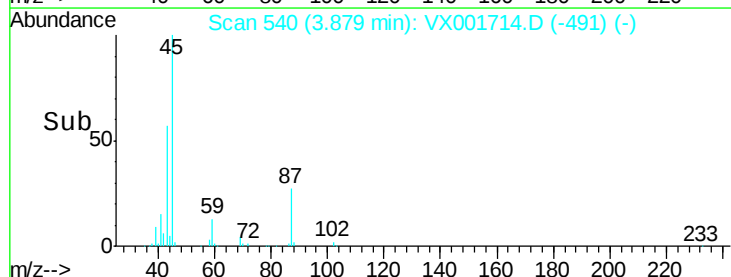
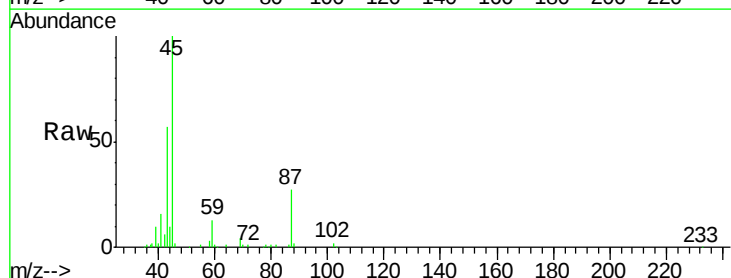
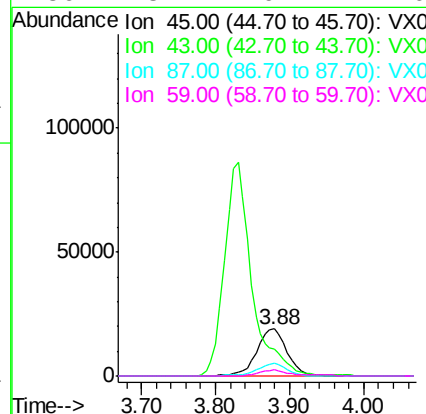
RT: 3.88 min Scan# 540

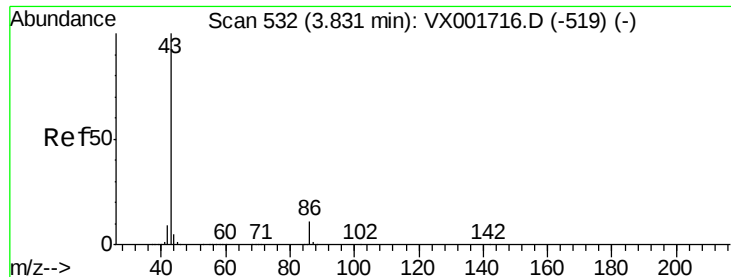
Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Tgt Ion:	45	Resp:	53548
Ion	Ratio	Lower	Upper
45	100		
43	56.2	44.3	66.5
87	27.2	22.6	33.8
59	13.2	9.4	14.0





#23

Vinyl Acetate

Concen: 22.96 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Tot Ion: 43 Resp: 221156

Ion Ratio Lower Upper

43 100

86 10.1 8.7 13.1

Instrument :

MSVOA_X

ClientSampled :

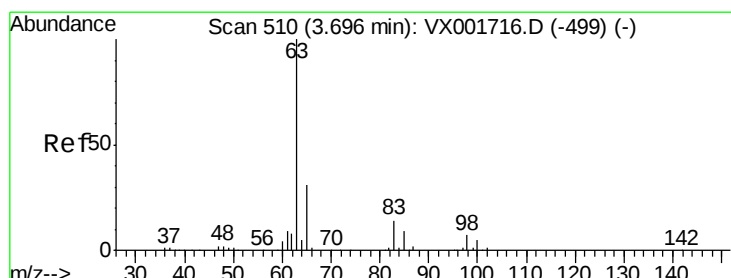
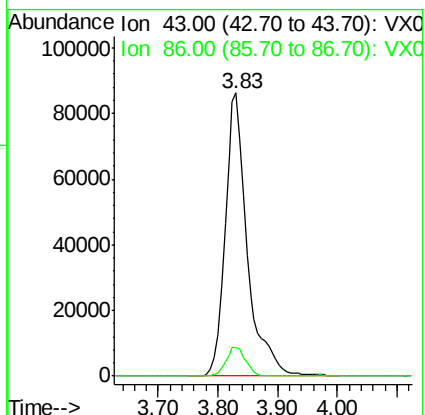
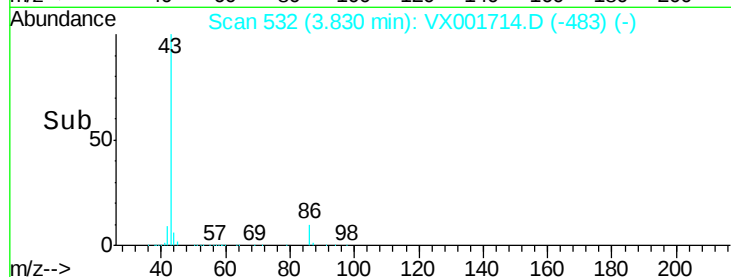
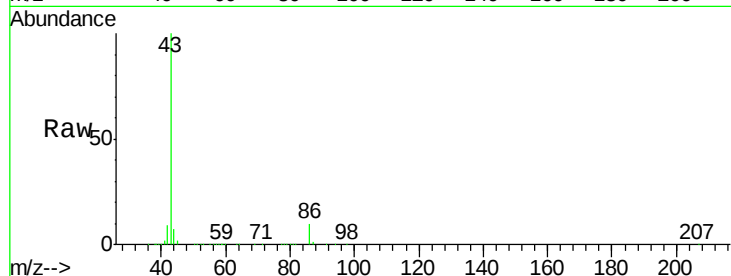
VSTDIC005

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#24

1,1-Dichloroethane

Concen: 4.60 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

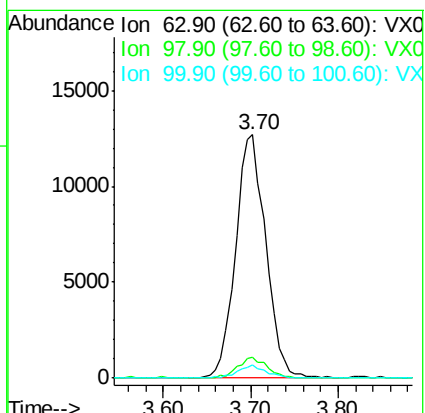
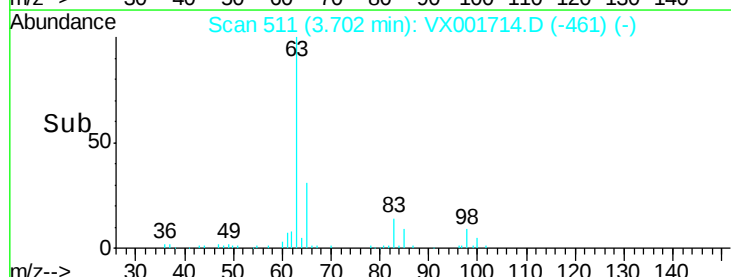
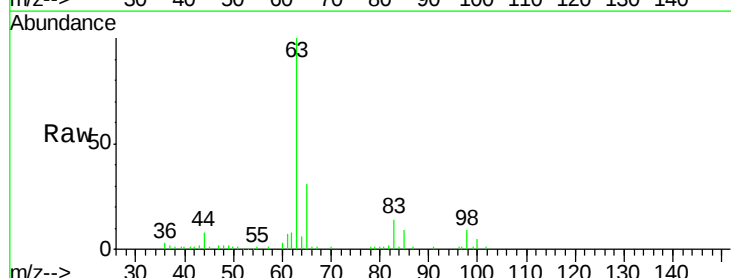
Tgt Ion: 63 Resp: 30471

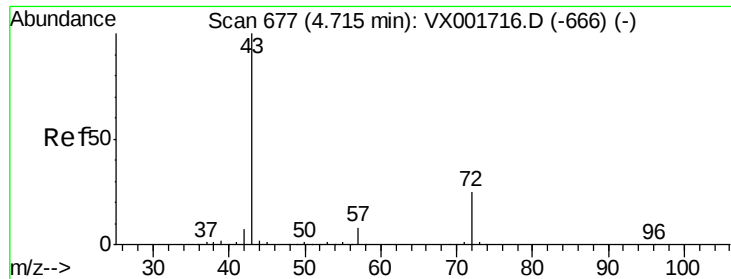
Ion Ratio Lower Upper

63 100

98 8.6 3.7 11.1

100 5.3 2.4 7.2





#25

2-Butanone

Concen: 20.78 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 60284

Ion Ratio Lower Upper

43 100

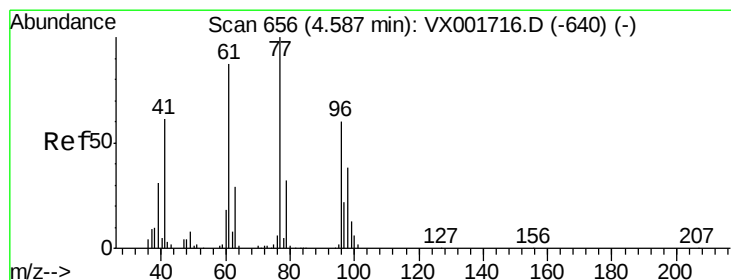
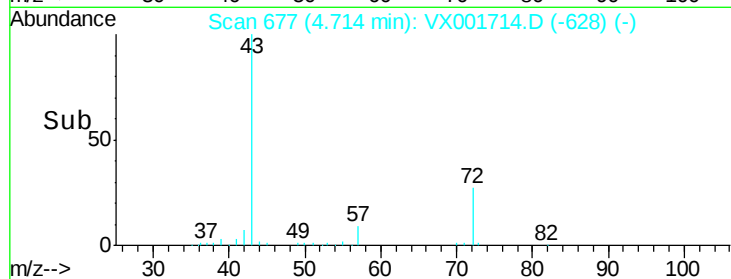
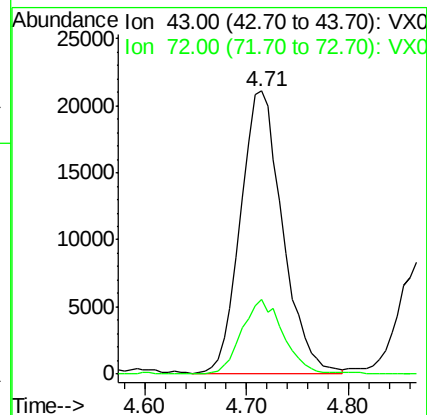
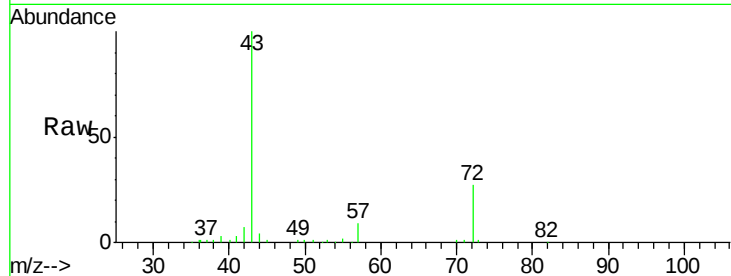
72 26.6 19.8 29.6

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#26

2,2-Dichloropropane

Concen: 4.45 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX001714.D

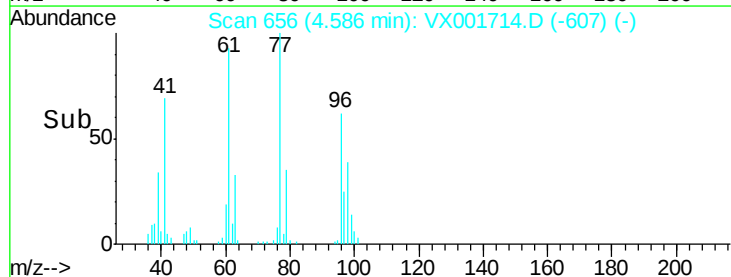
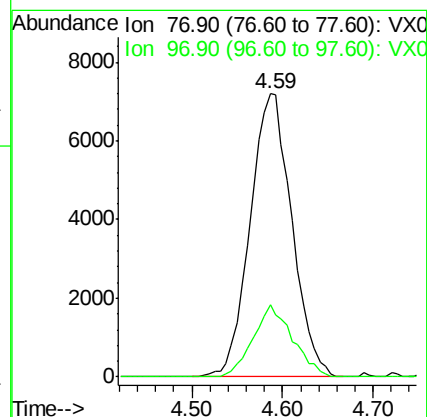
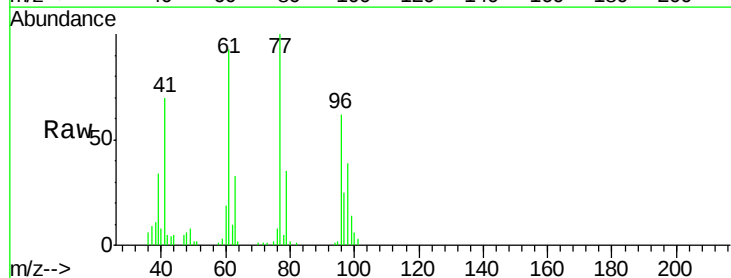
Acq: 14 May 2018 17:23

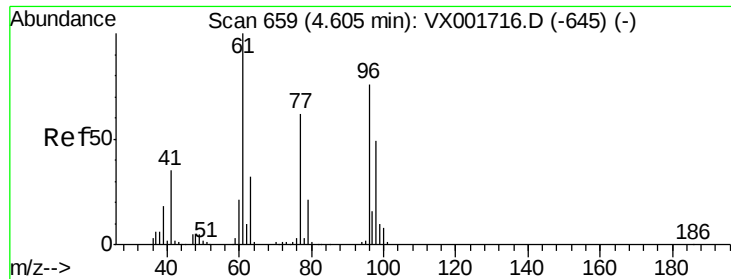
Tgt Ion: 77 Resp: 22904

Ion Ratio Lower Upper

77 100

97 23.9 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 4.38 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

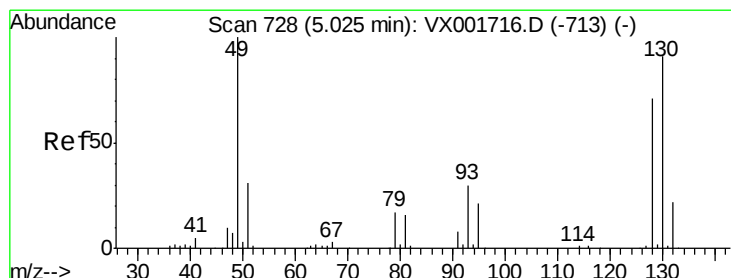
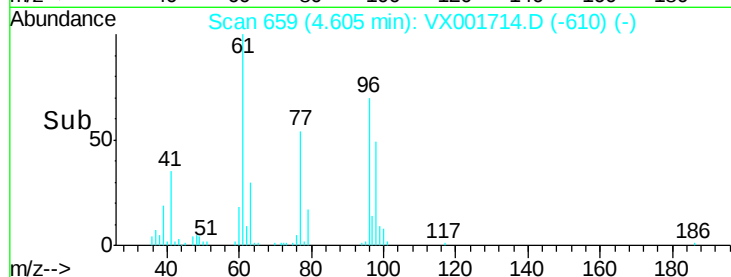
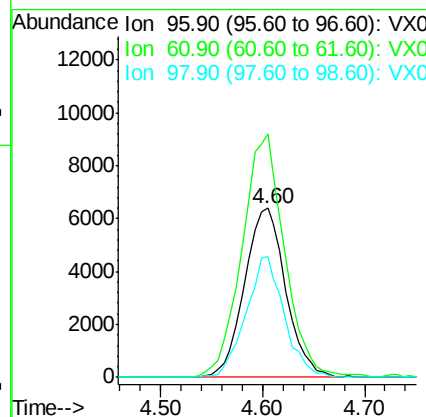
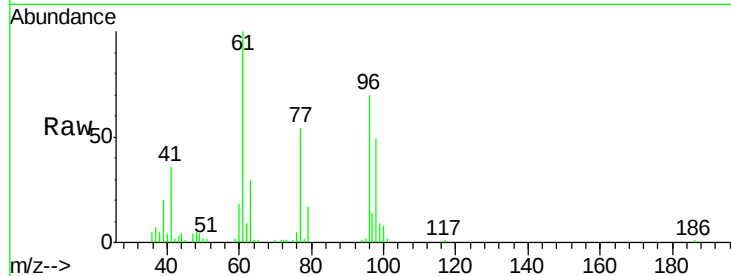
ClientSampleId :

VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.5	0.0	280.4
98	66.4	0.0	128.4

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#28

Bromochloromethane

Concen: 4.05 ug/l

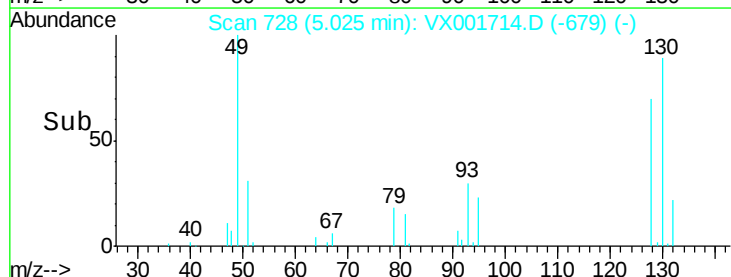
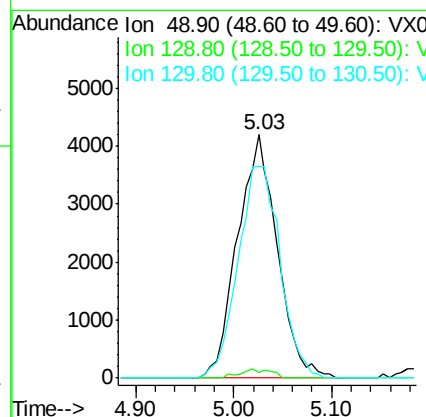
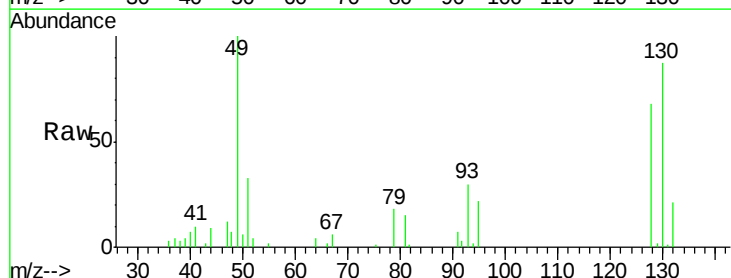
RT: 5.03 min Scan# 728

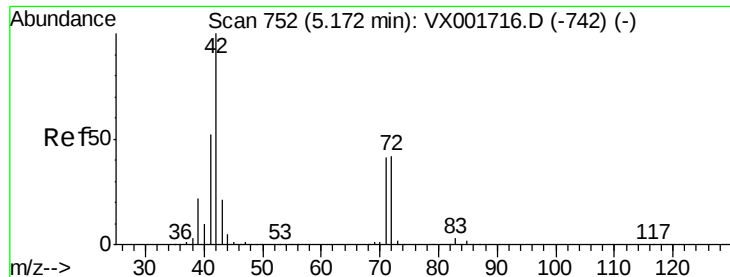
Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	5.0
130	92.3	71.8	107.6





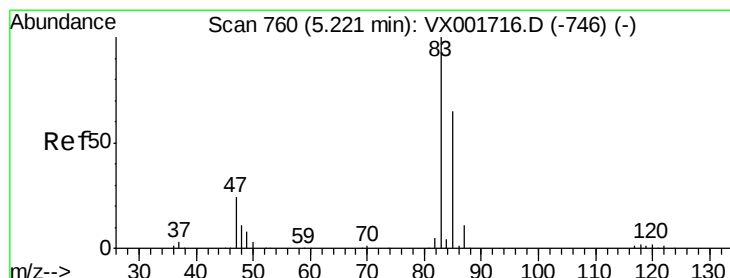
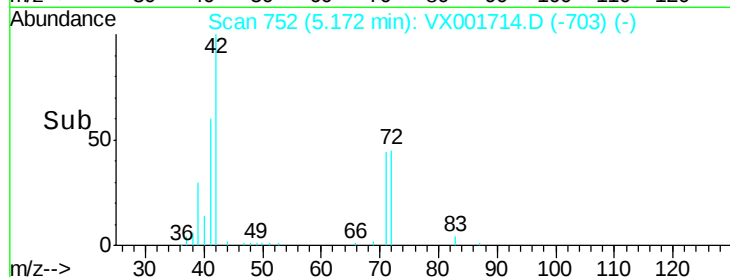
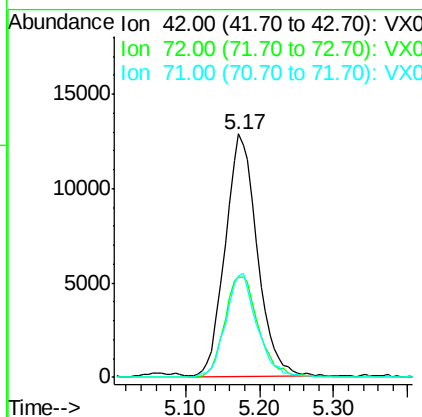
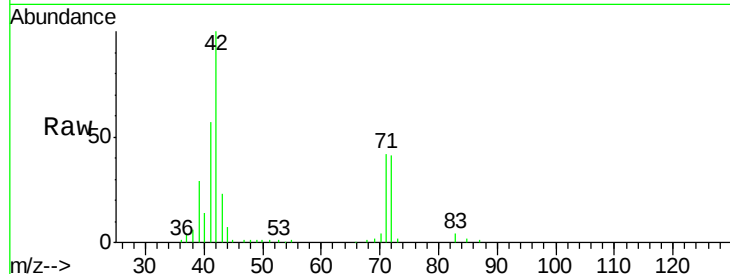
#29
Tetrahydrofuran
Concen: 20.80 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.6	35.4	53.2
71	41.9	33.2	49.8

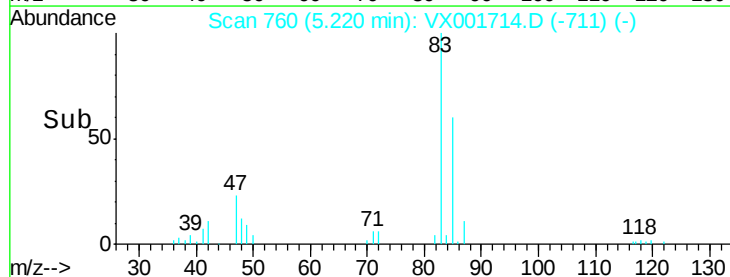
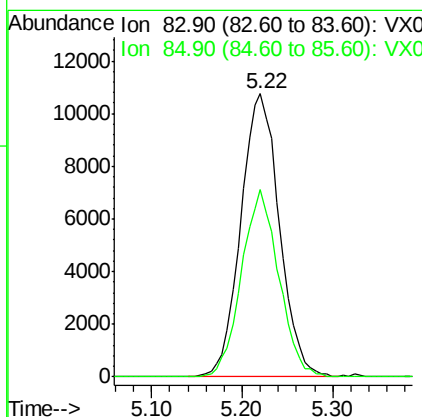
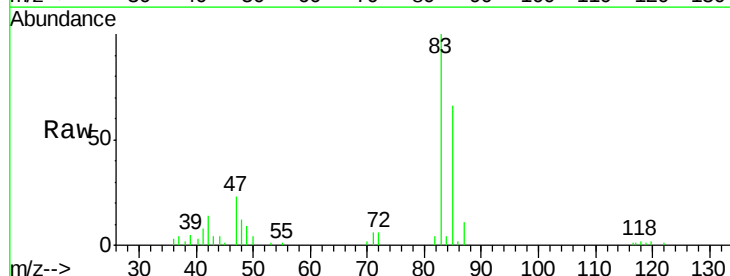
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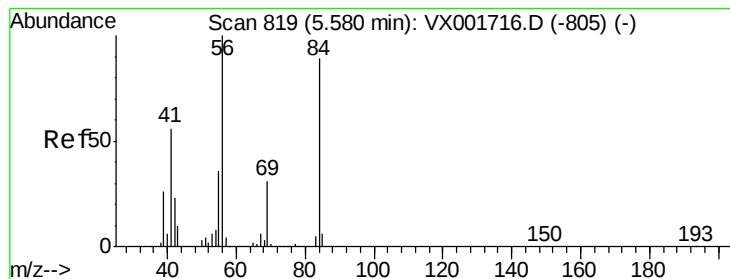
MMDadoda
5/16/2018 11:54:05 AM



#30
Chloroform
Concen: 4.61 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	52.3	78.5





#31

Cyclohexane

Concen: 4.24 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

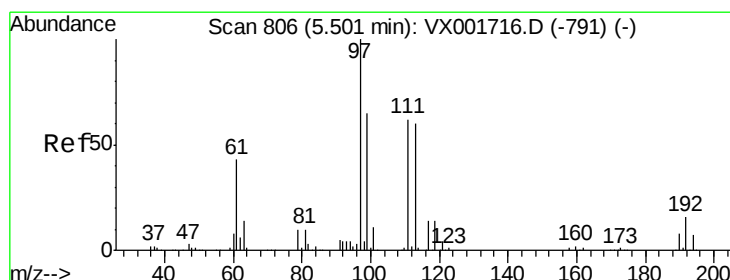
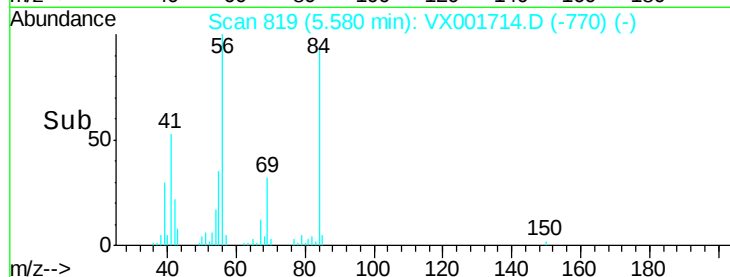
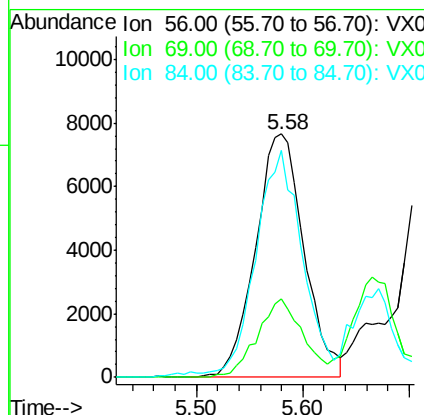
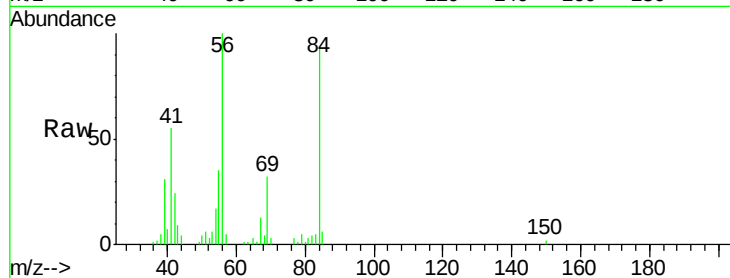
ClientSampleId :

VSTDIC005

Tot Ion:	56	Resp:	24351
Ion	Ratio	Lower	Upper
56	100		
69	32.2	25.0	37.6
84	91.1	71.0	106.4

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#32

1,1,1-Trichloroethane

Concen: 4.33 ug/l

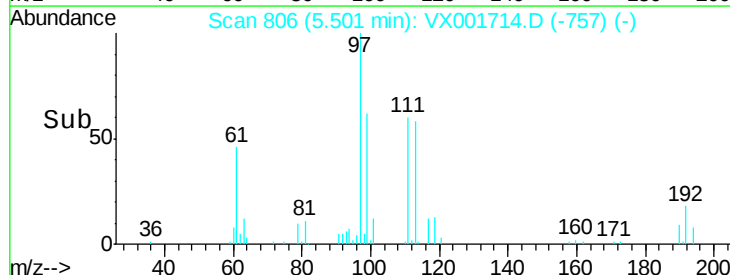
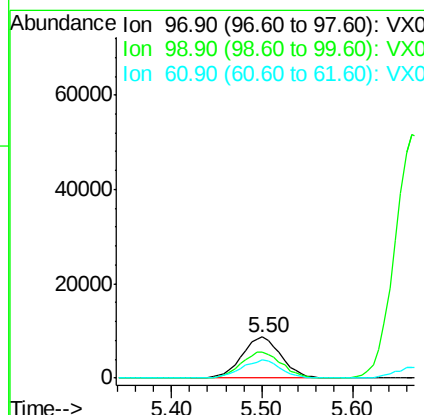
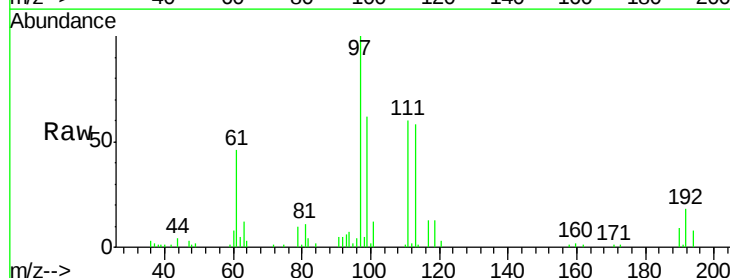
RT: 5.50 min Scan# 806

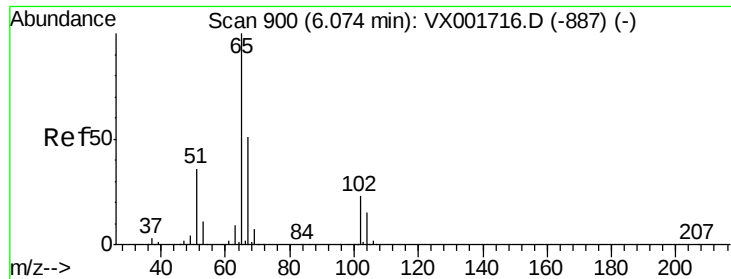
Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Tgt Ion:	97	Resp:	25926
Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.3	76.9
61	44.3	34.0	51.0





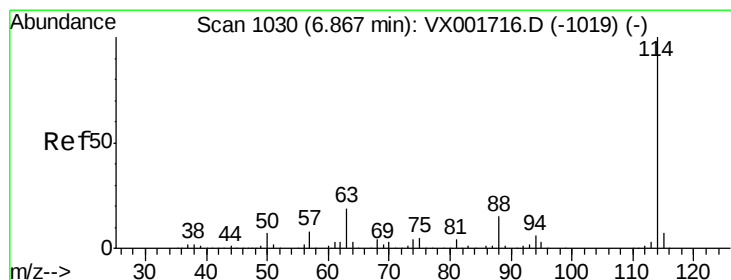
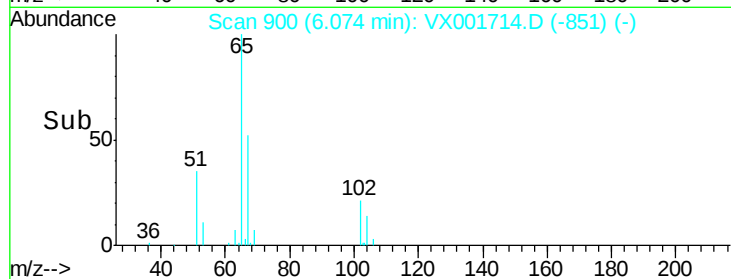
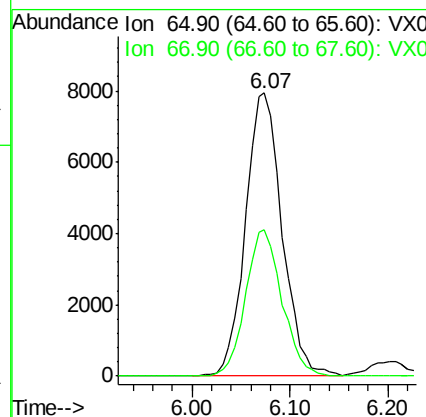
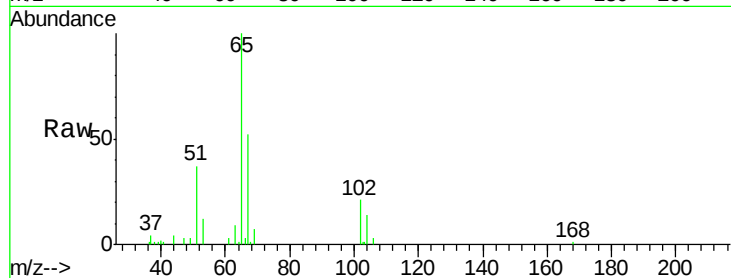
#33
 1,2-Dichloroethane-d4
 Concen: 4.64 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001714.D
 Acq: 14 May 2018 17:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	102.8

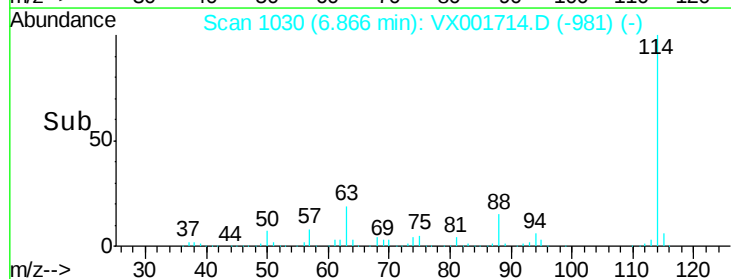
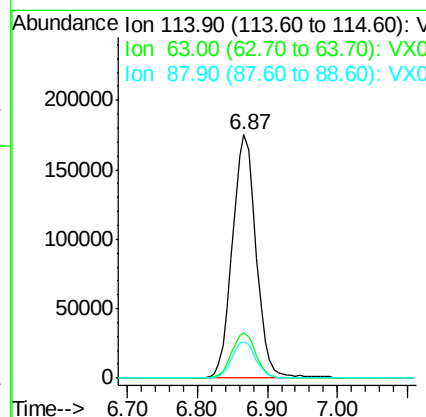
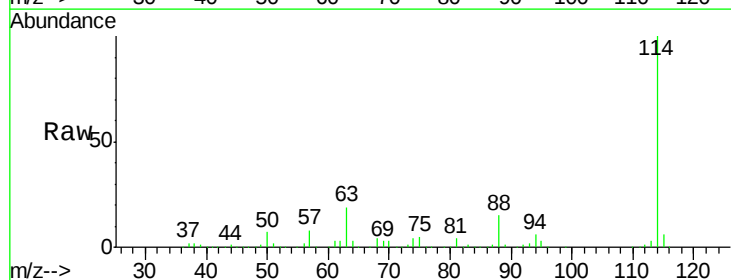
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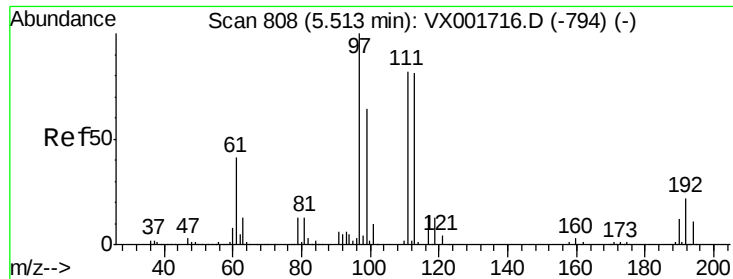
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001714.D
 Acq: 14 May 2018 17:23

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	37.0
88	14.8	0.0	29.8





#35

Dibromofluoromethane

Concen: 4.49 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

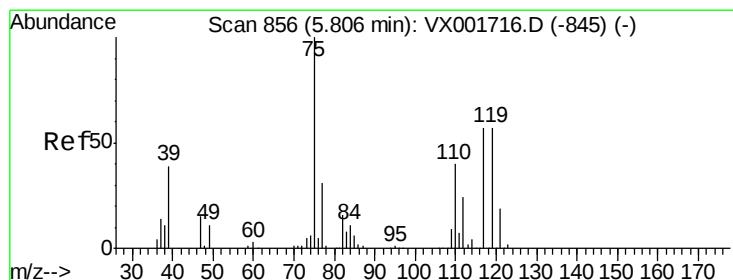
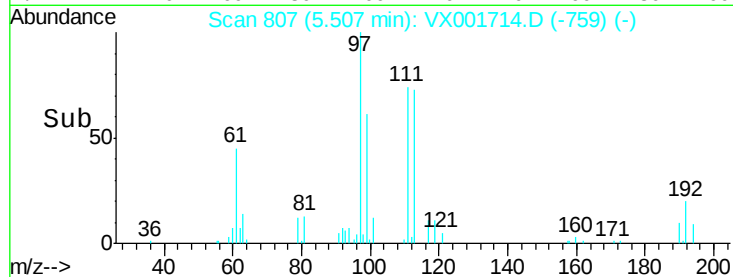
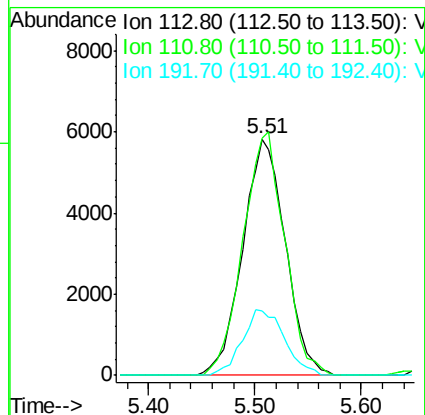
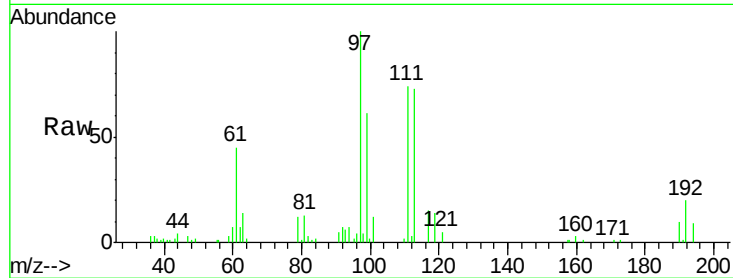
ClientSampleId :

VSTDIC005

Tot Ion:	113	Resp:	16342
Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.0	123.0
192	27.3	21.6	32.4

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#36

1,1-Dichloropropene

Concen: 4.27 ug/l

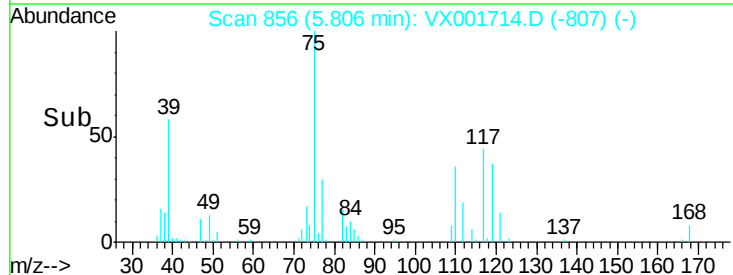
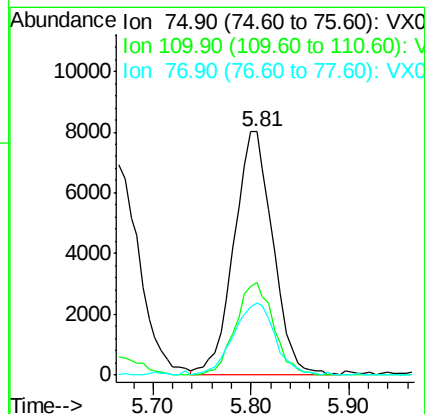
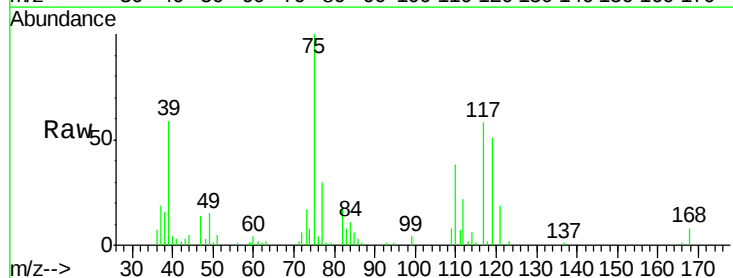
RT: 5.81 min Scan# 856

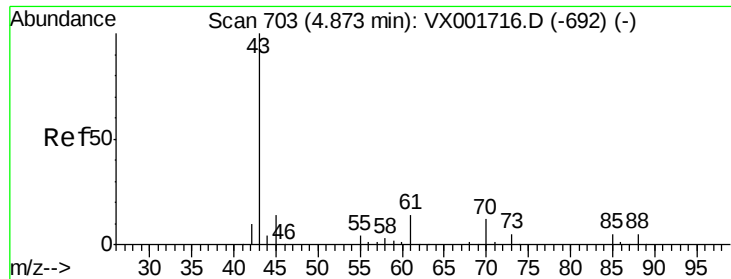
Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Tgt Ion:	75	Resp:	22158
Ion	Ratio	Lower	Upper
75	100		
110	36.9	19.1	57.1
77	31.5	24.6	37.0





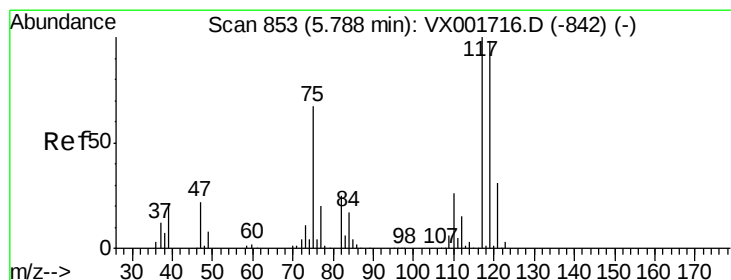
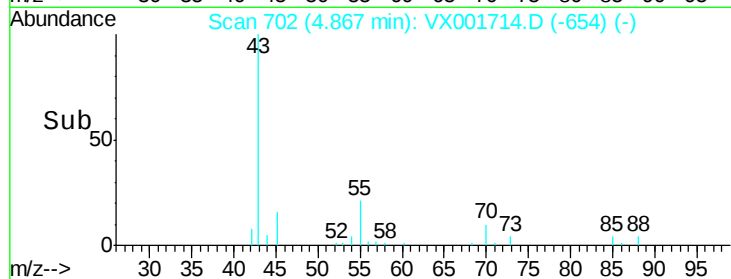
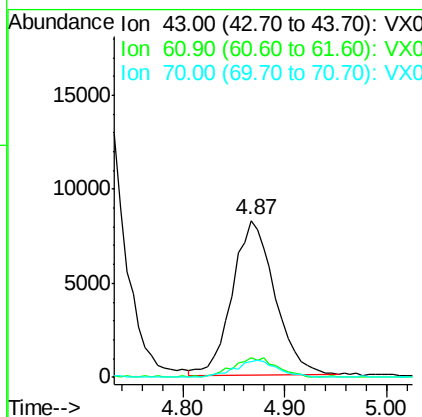
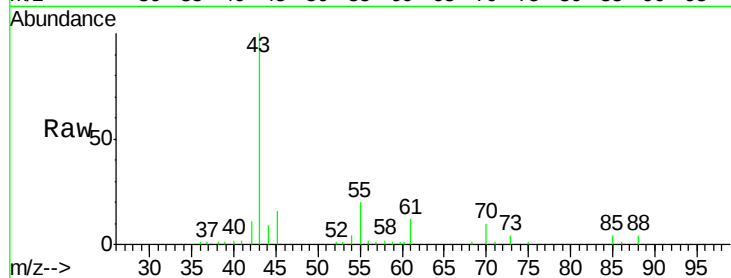
#37
Ethyl Acetate
Concen: 4.22 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:	43	Resp:	23832
Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.9	16.3
70	11.2	8.8	13.2

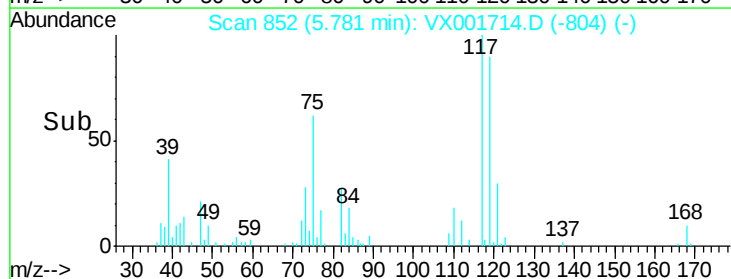
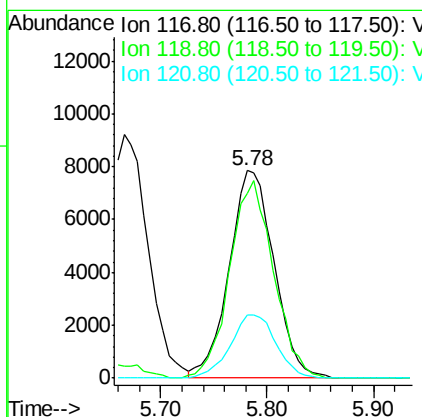
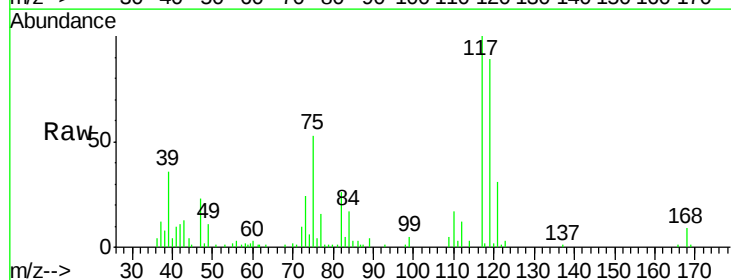
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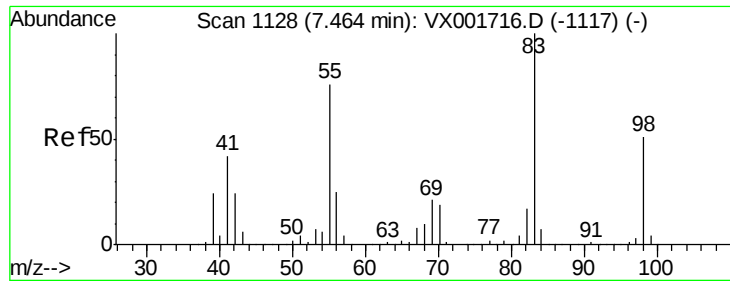
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#38
Carbon Tetrachloride
Concen: 4.22 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Tgt Ion:	117	Resp:	23254
Ion	Ratio	Lower	Upper
117	100		
119	89.4	77.6	116.4
121	30.8	24.6	36.8





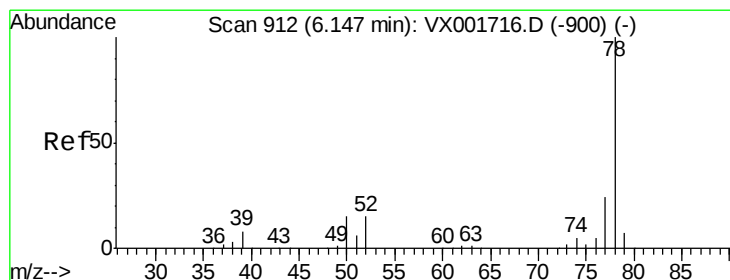
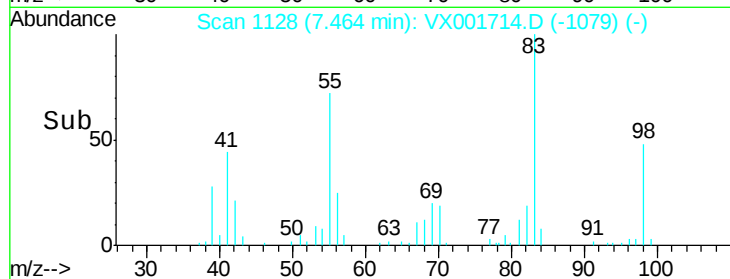
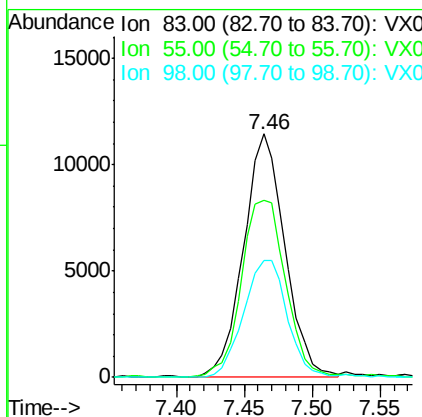
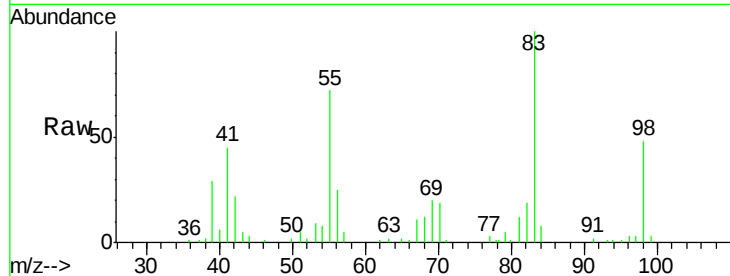
#39
Methvlcvclohexane
Concen: 3.97 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.5	60.6	90.8
98	47.8	40.4	60.6

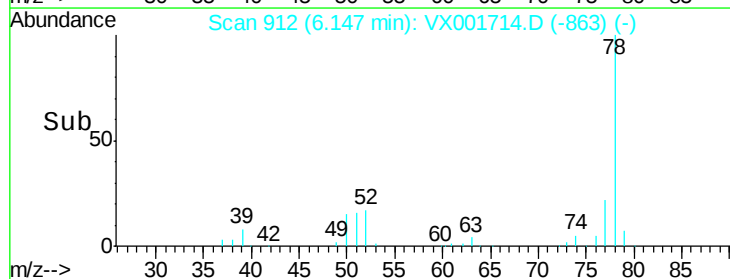
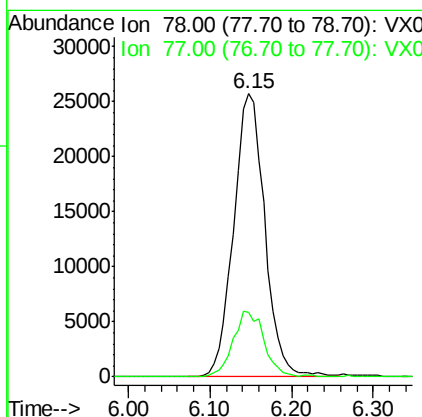
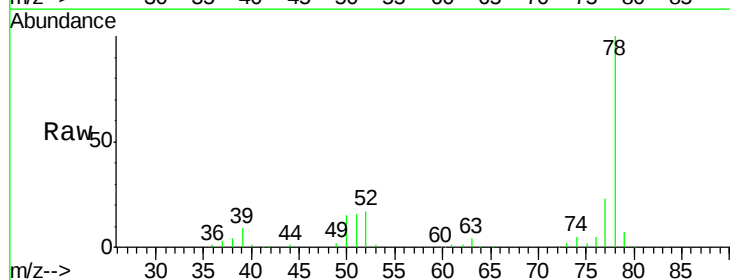
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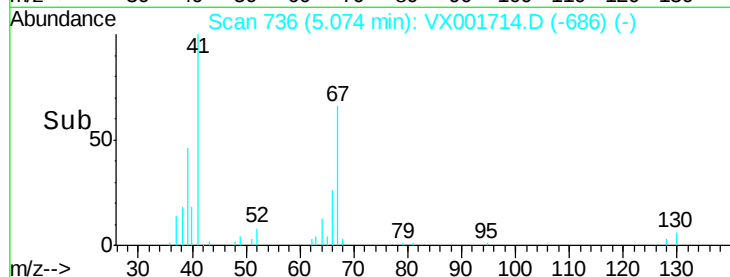
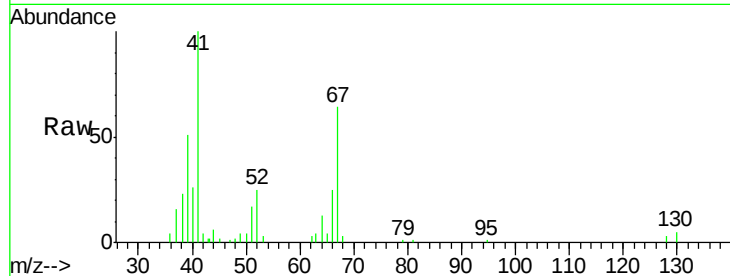
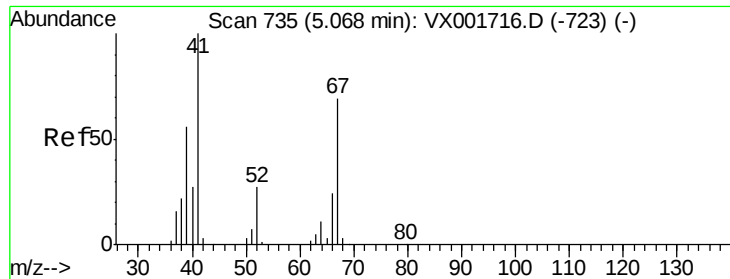
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#40
Benzene
Concen: 4.49 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.0	28.4





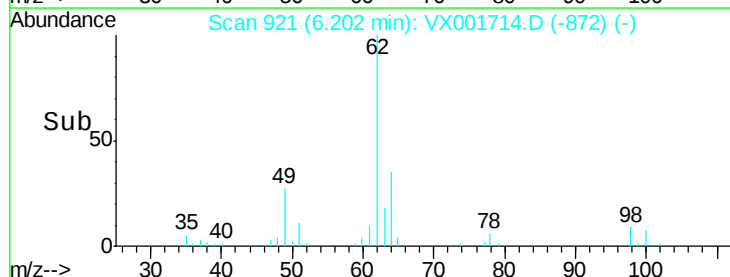
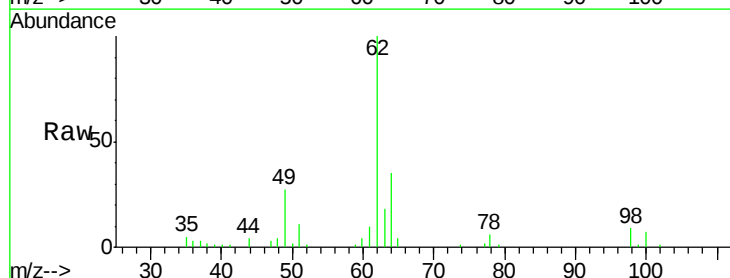
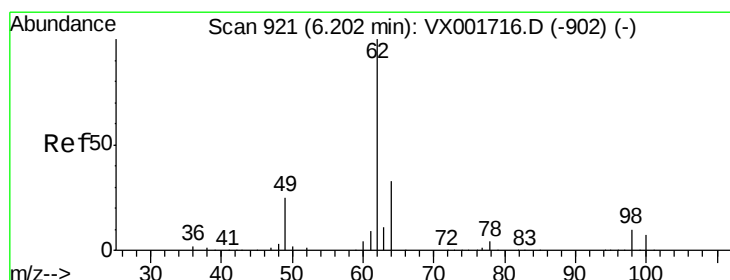
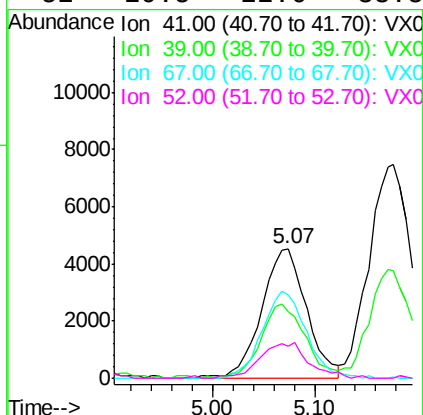
#41
Methacrylonitrile
Concen: 4.26 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	56.6	44.2	66.4		
67	65.8	56.0	84.0		
52	29.5	22.6	33.8		

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

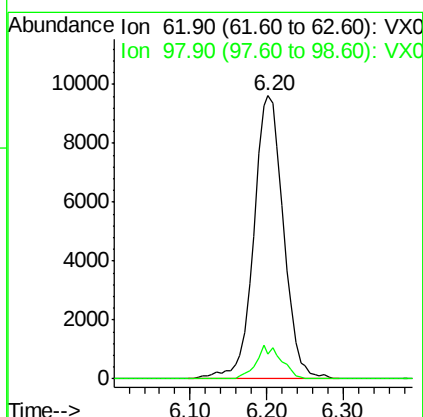
Manual Integrations
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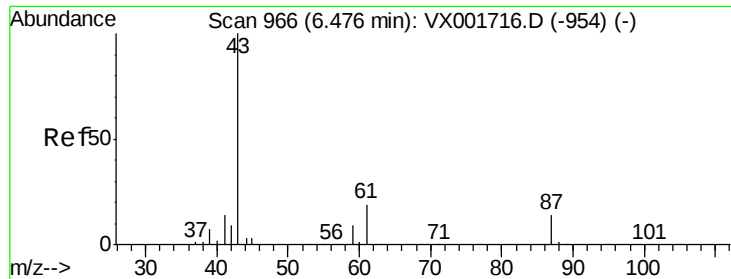
MMDadoda
5/16/2018 11:54:05 AM



#42
1,2-Dichloroethane
Concen: 4.51 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.0	0.0	20.0		





#43

Isopropyl Acetate

Concen: 4.14 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

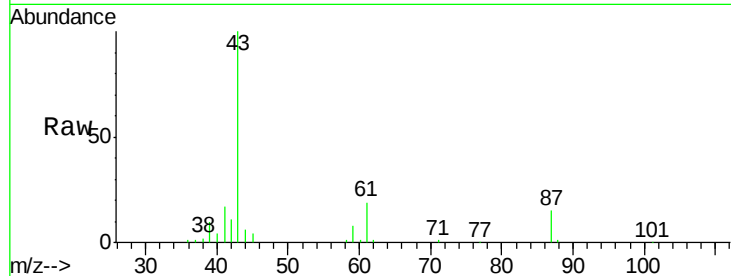
ClientSampleId :

VSTDIC005

Tot Ion:	43	Resp:	35929
Ion	Ratio	Lower	Upper
43	100		
61	20.2	15.8	23.8
87	14.0	11.0	16.4

Manual Integrations
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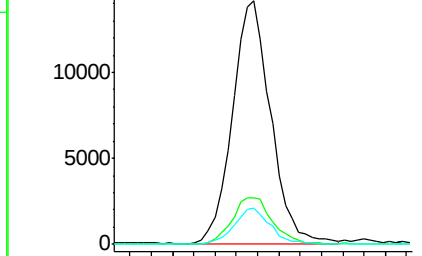
MMDadoda
5/16/2018 11:54:05 AM



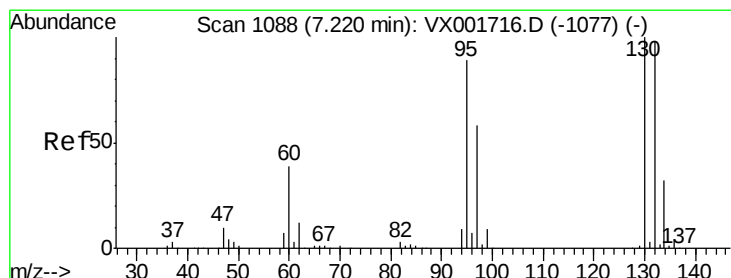
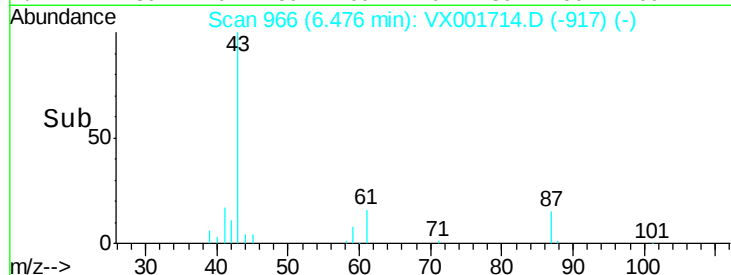
Abundance Ion 43.00 (42.70 to 43.70): VX001716.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VX001716.D (-954) (-)

Ion 87.00 (86.70 to 87.70): VX001716.D (-954) (-)



Time-->



#44

Trichloroethene

Concen: 4.52 ug/l

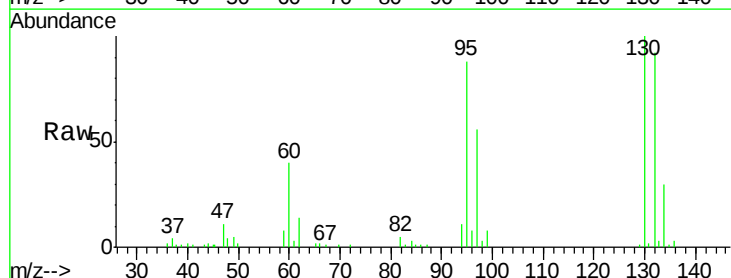
RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX001714.D

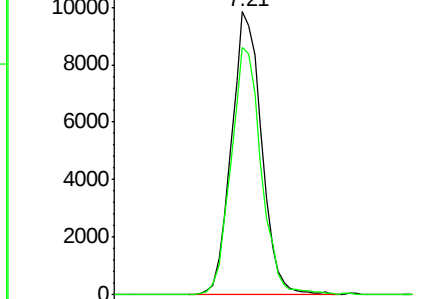
Acq: 14 May 2018 17:23

Tgt Ion:	130	Resp:	21074
Ion	Ratio	Lower	Upper
130	100		
95	87.6	0.0	177.2

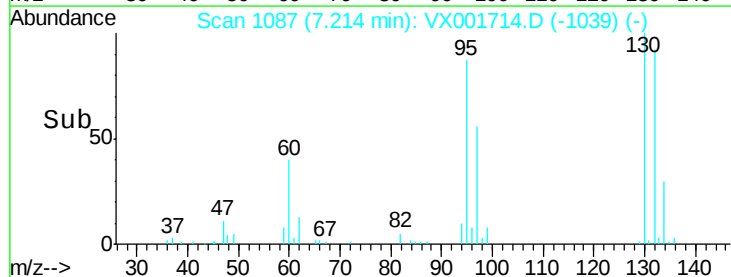


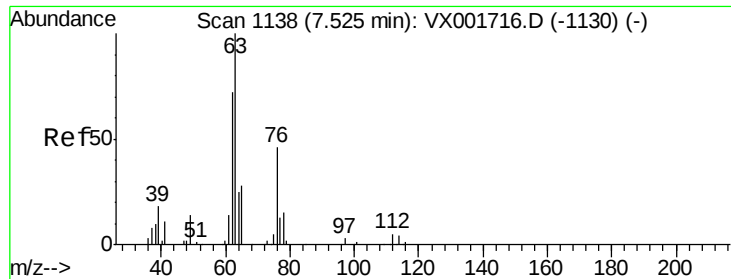
Abundance Ion 129.80 (129.50 to 130.50): VX001716.D (-1077) (-)

Ion 94.90 (94.60 to 95.60): VX001716.D (-1077) (-)



Time-->





#45

1,2-Dichloropropane

Concen: 4.41 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 63 Resp: 16695

Ion Ratio Lower Upper

63 100

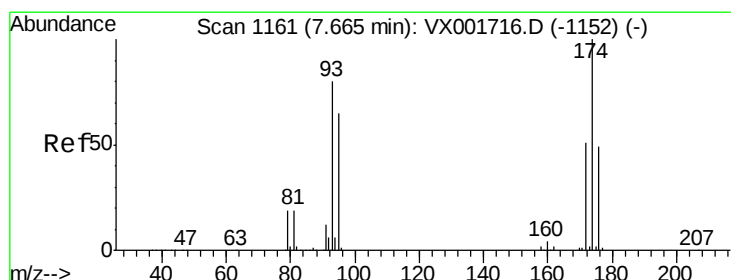
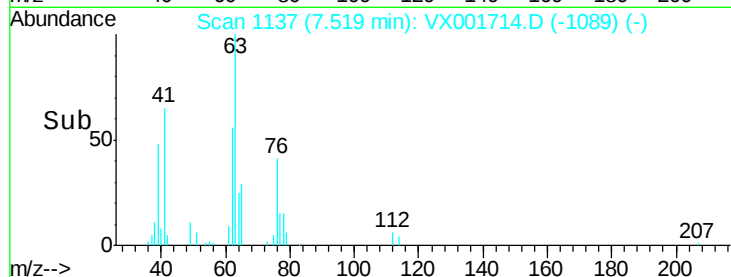
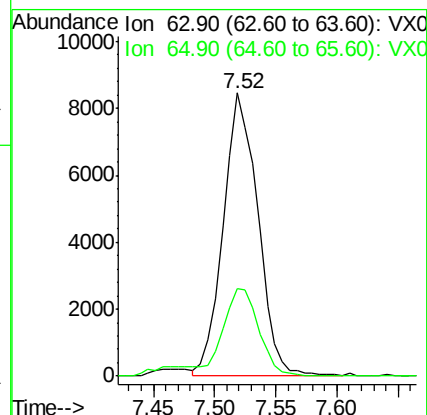
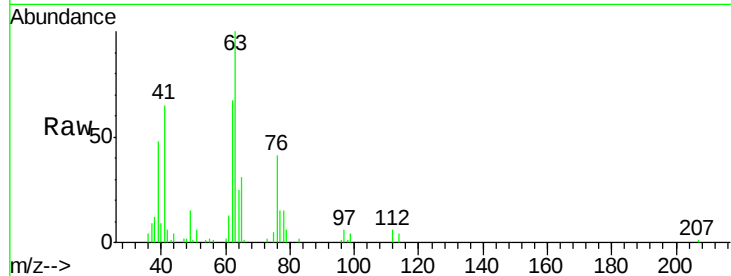
65 30.7 24.2 36.2

Manual Integrations

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#46

Dibromomethane

Concen: 4.41 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

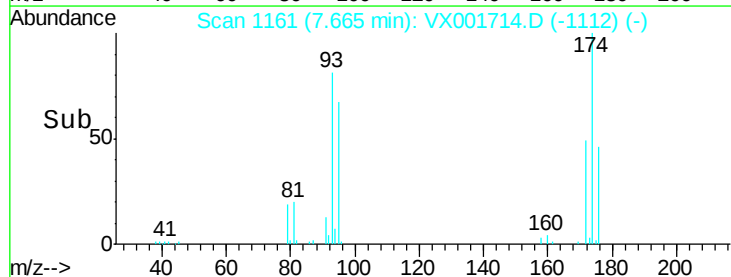
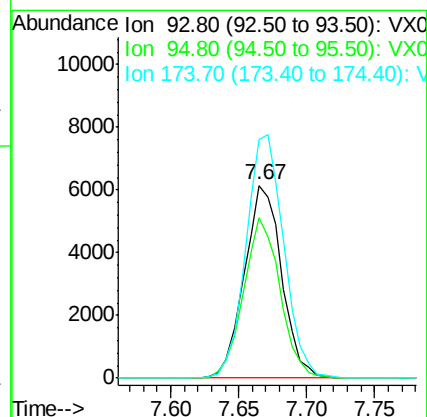
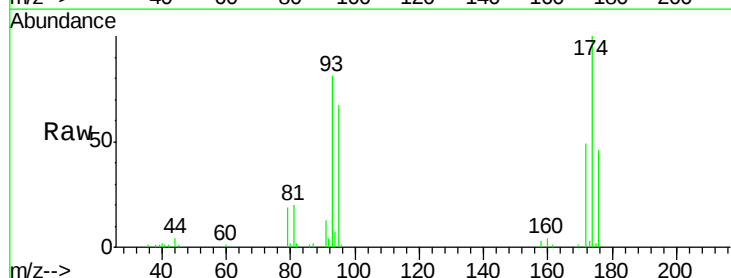
Tgt Ion: 93 Resp: 11762

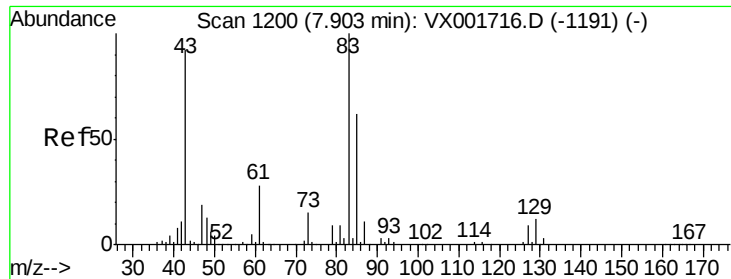
Ion Ratio Lower Upper

93 100

95 81.4 65.9 98.9

174 128.3 106.2 159.2





#47

Bromodichloromethane

Concen: 4.06 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

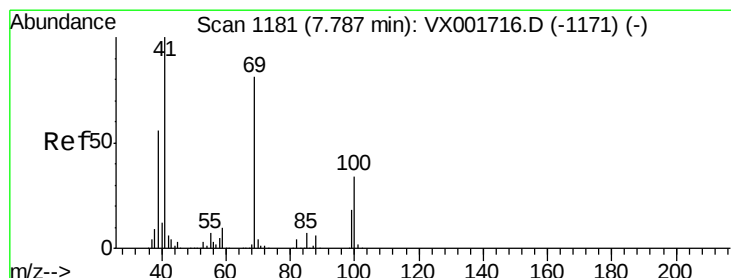
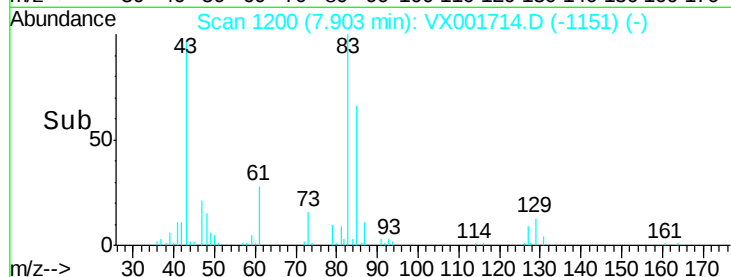
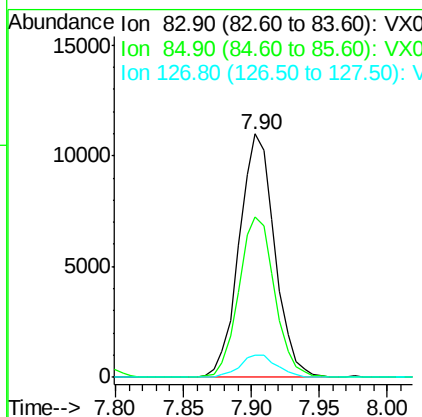
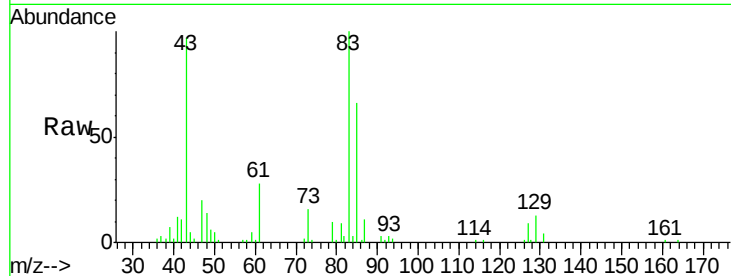
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	20043
Ion Ratio	Lower	Upper	
83	100		
85	66.1	49.6	74.4
127	9.0	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 3.98 ug/l

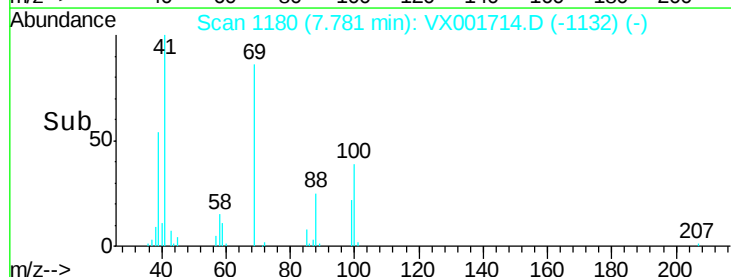
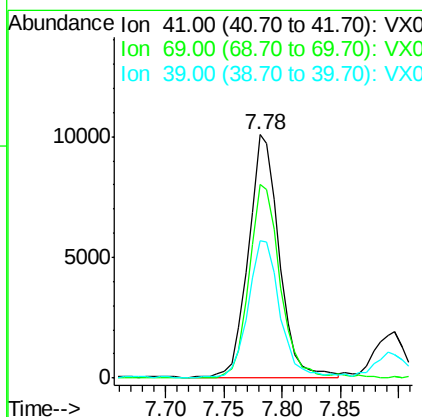
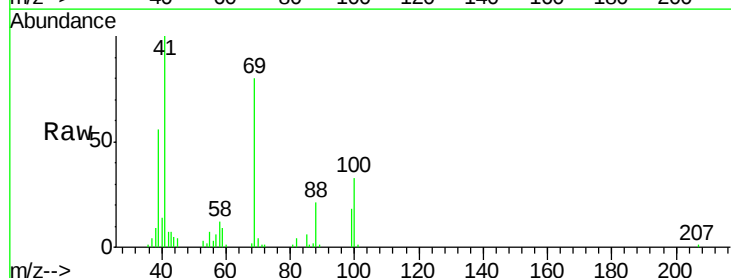
RT: 7.78 min Scan# 1180

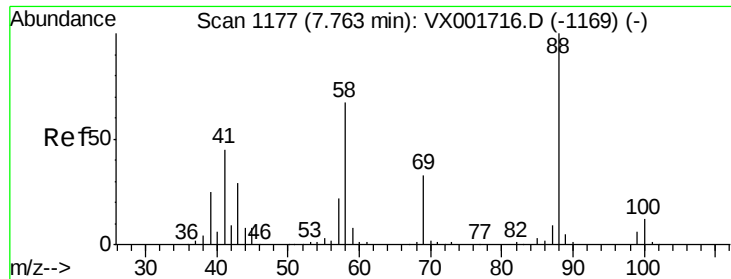
Delta R.T. -0.01 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Tgt Ion:	41	Resp:	18772
Ion Ratio	Lower	Upper	
41	100		
69	78.9	65.2	97.8
39	58.7	44.5	66.7





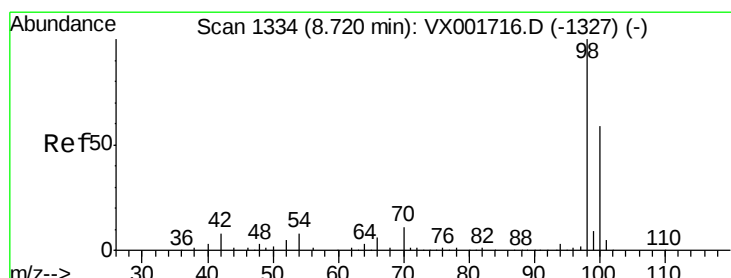
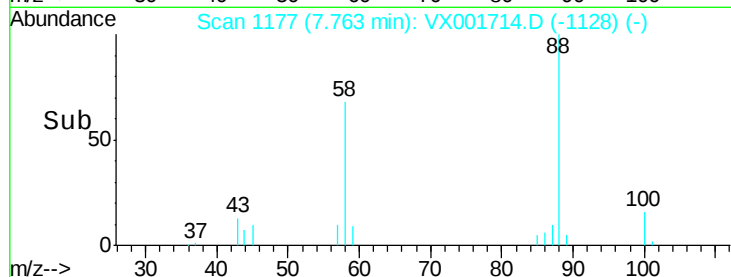
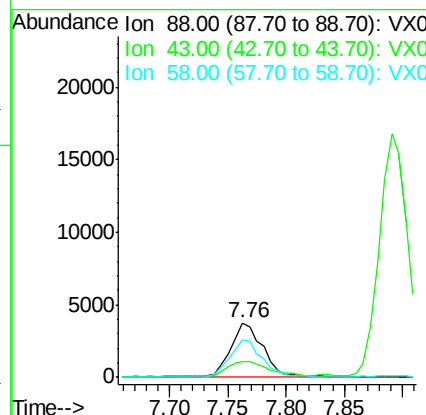
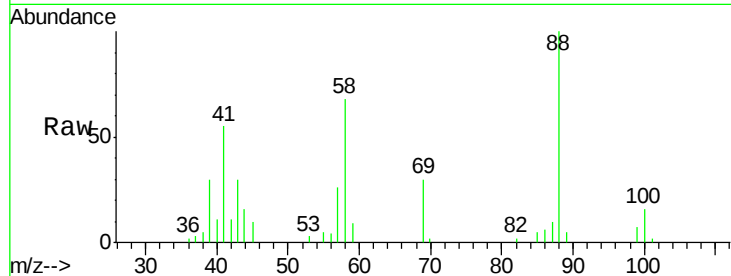
#49
1,4-Dioxane
Concen: 72.53 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.1	27.3	40.9
58	69.9	55.9	83.9

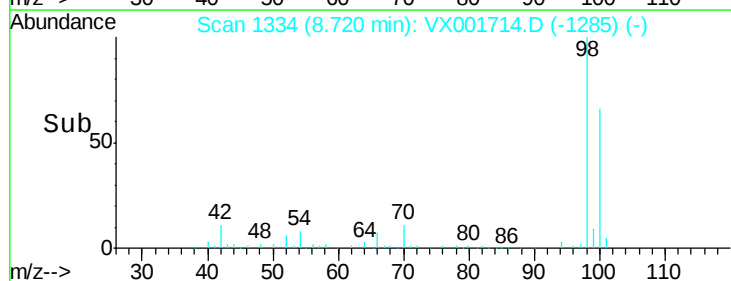
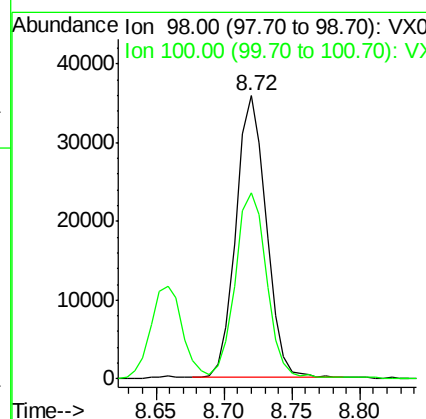
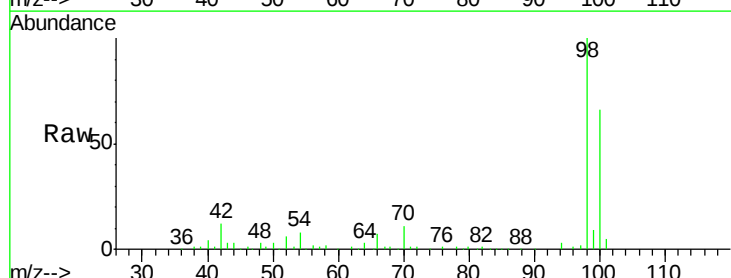
Manual Integrations
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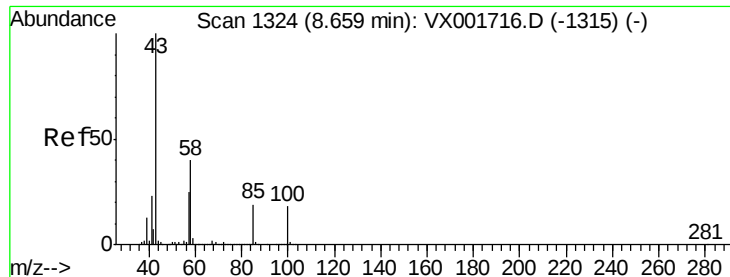
MMDadoda
5/16/2018 11:54:05 AM



#50
Toluene-d8
Concen: 4.17 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	70.0	54.0	81.0





#51

4-Methyl-2-Pentanone

Concen: 20.24 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 116457

Ion Ratio Lower Upper

43 100

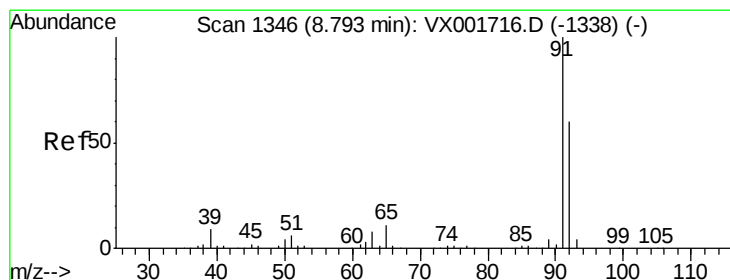
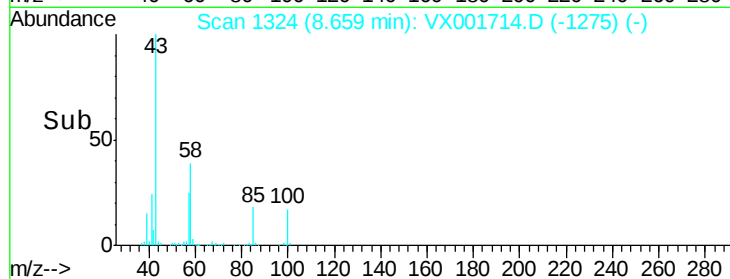
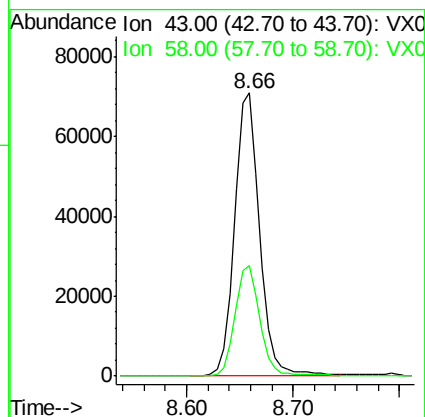
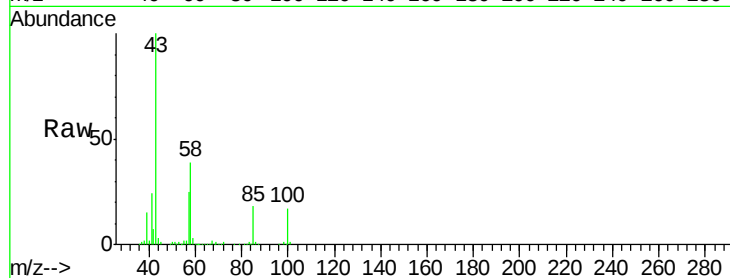
58 38.7 31.4 47.0

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#52

Toluene

Concen: 4.43 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001714.D

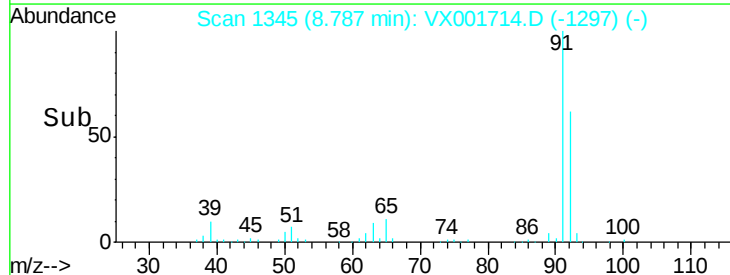
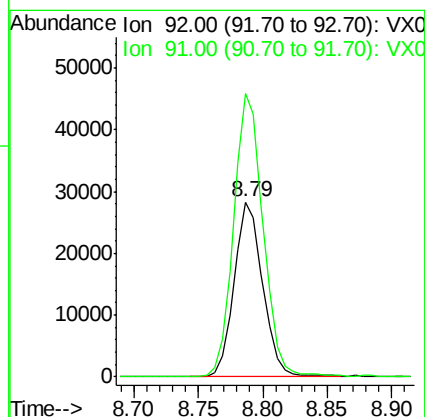
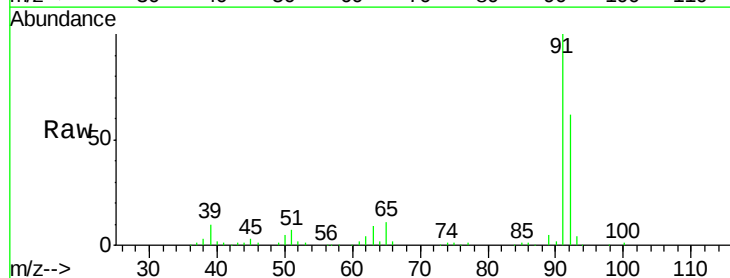
Acq: 14 May 2018 17:23

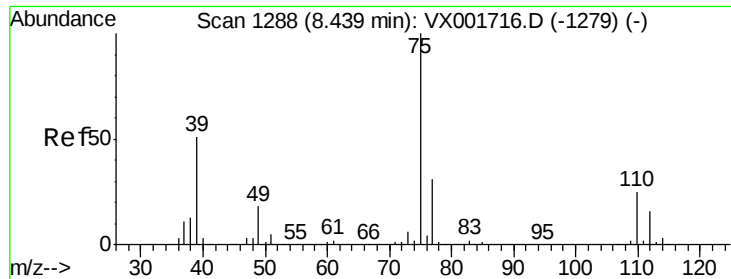
Tgt Ion: 92 Resp: 43901

Ion Ratio Lower Upper

92 100

91 166.7 135.5 203.3





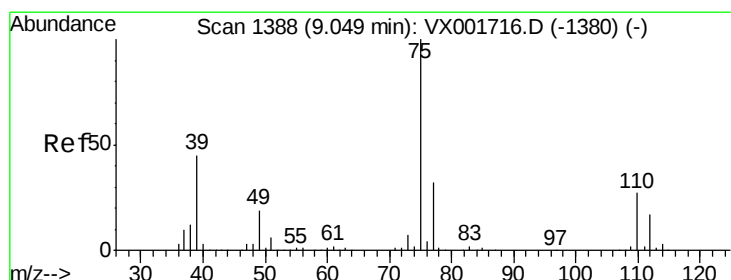
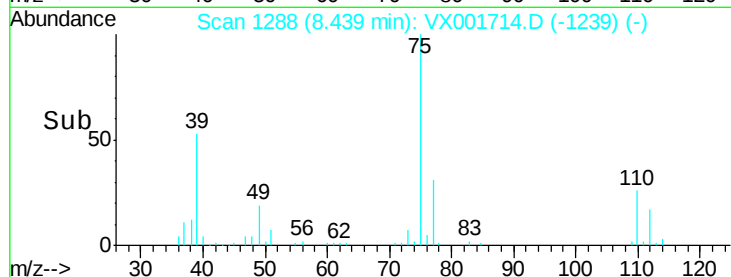
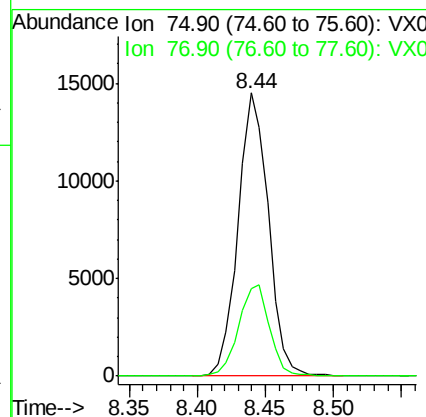
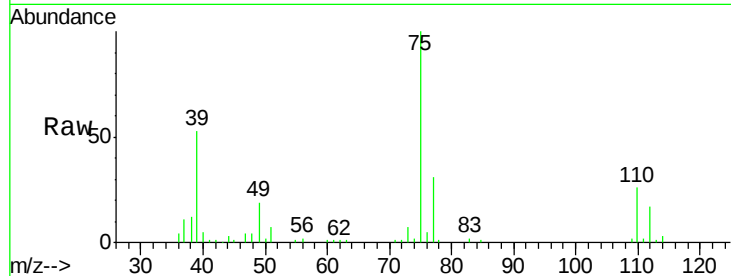
#53
t-1,3-Dichloropropene
Concen: 4.03 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 75 Resp: 22567
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.6

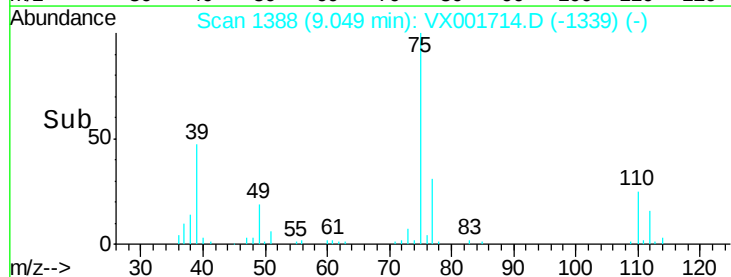
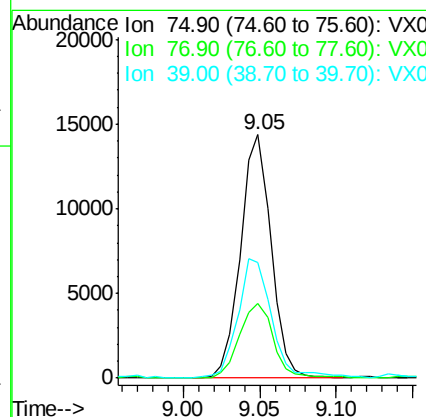
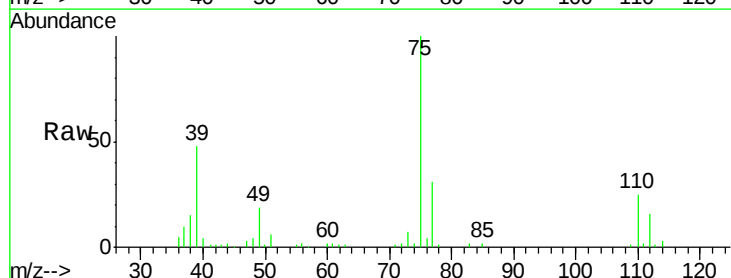
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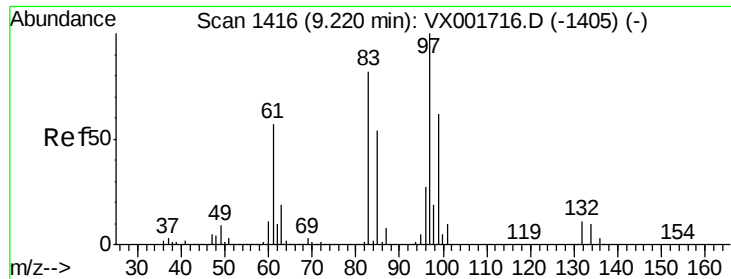
MMDadoda
5/16/2018 11:54:05 AM



#54
cis-1,3-Dichloropropene
Concen: 3.96 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Tgt Ion: 75 Resp: 19951
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.2
39 47.5 36.1 54.1





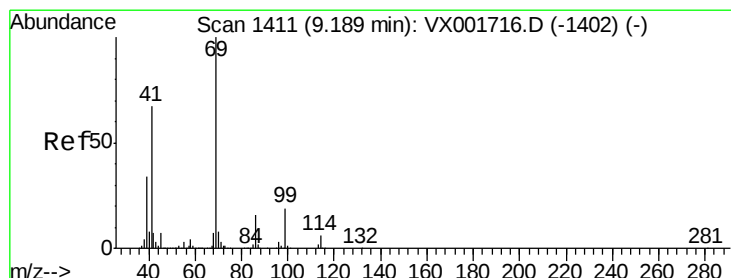
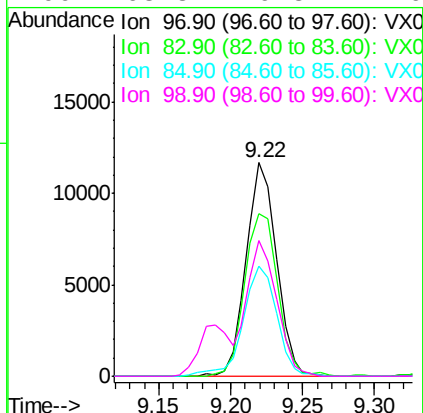
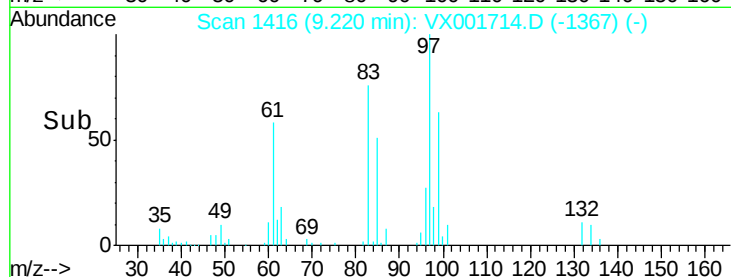
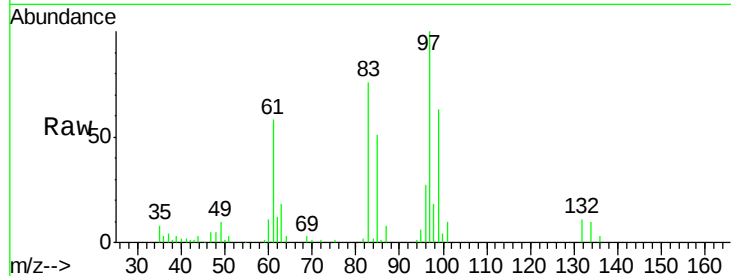
#55
 1,1,2-Trichloroethane
 Concen: 4.32 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001714.D
 Acq: 14 May 2018 17:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:	97	Resp:	17089
Ion	Ratio	Lower	Upper
97	100		
83	75.9	65.8	98.8
85	51.3	43.4	65.0
99	63.3	49.8	74.6

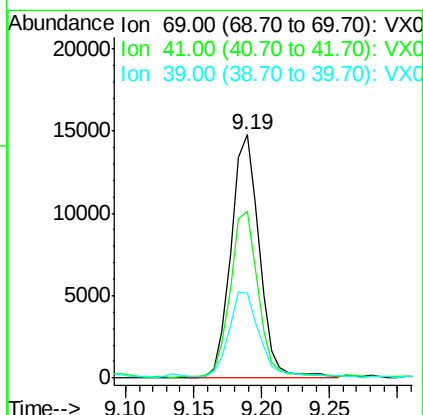
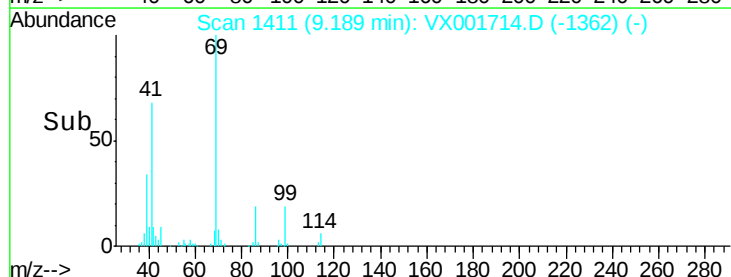
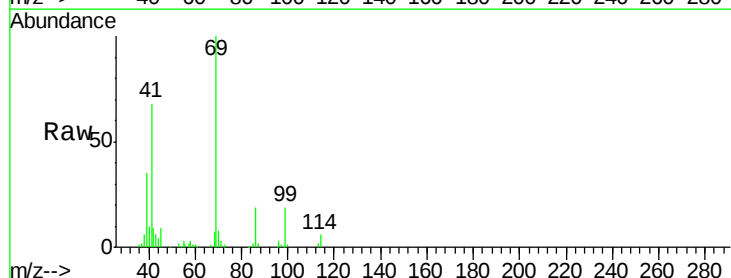
Manual Integrations
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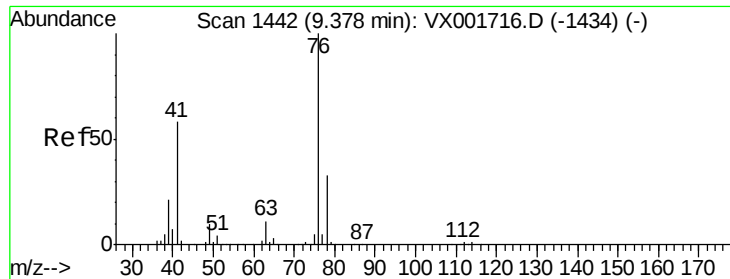
MMDadoda
 5/16/2018 11:54:05 AM



#56
 Ethyl methacrylate
 Concen: 3.79 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001714.D
 Acq: 14 May 2018 17:23

Tgt Ion:	69	Resp:	21566
Ion	Ratio	Lower	Upper
69	100		
41	66.9	53.5	80.3
39	38.2	27.2	40.8





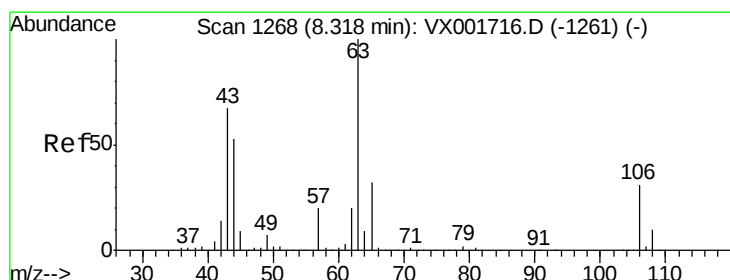
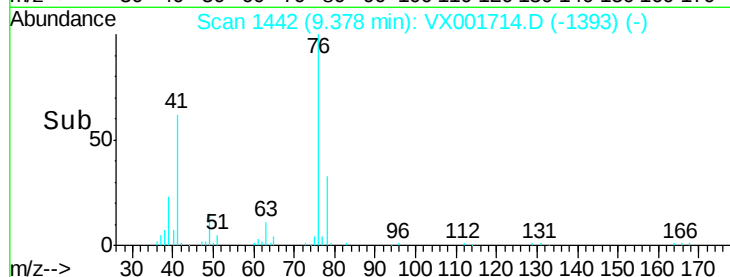
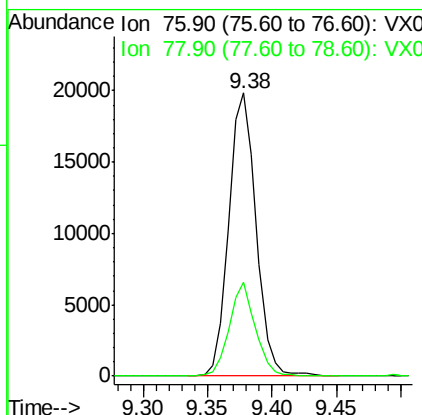
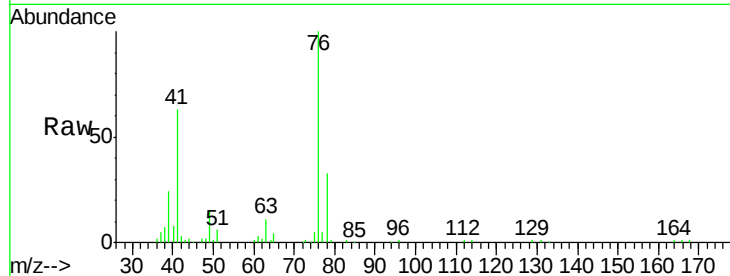
#57
 1,3-Dichloropropane
 Concen: 4.51 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001714.D
 Acq: 14 May 2018 17:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion: 76 Resp: 29497
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.8 38.6

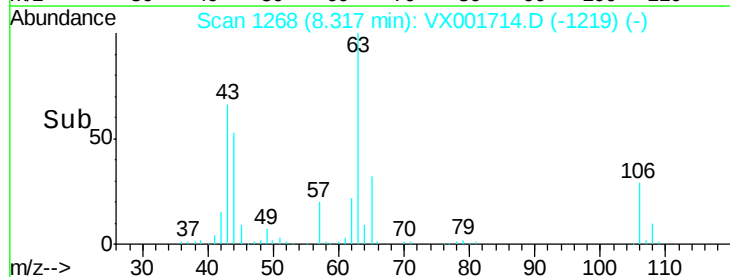
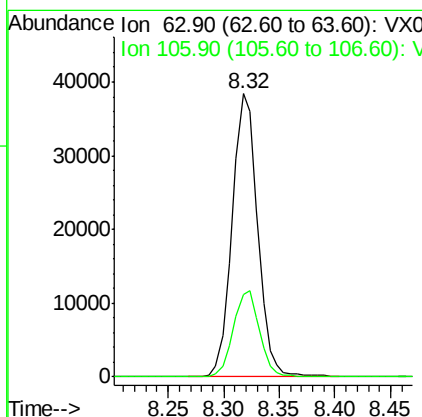
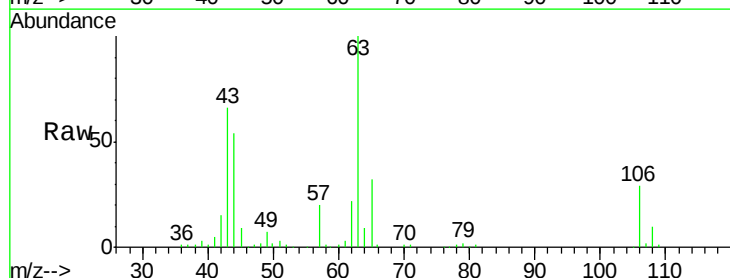
Manual Integrations
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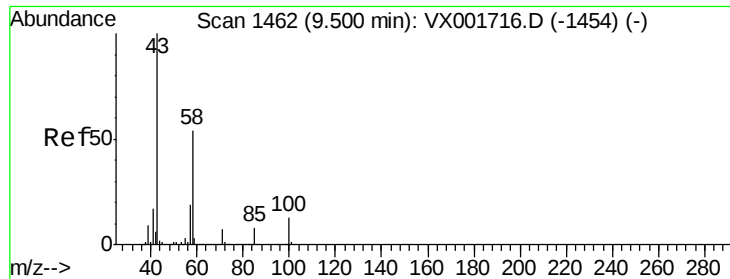
MMDadoda
 5/16/2018 11:54:05 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 21.70 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX001714.D
 Acq: 14 May 2018 17:23

Tgt Ion: 63 Resp: 61119
 Ion Ratio Lower Upper
 63 100
 106 31.3 25.1 37.7





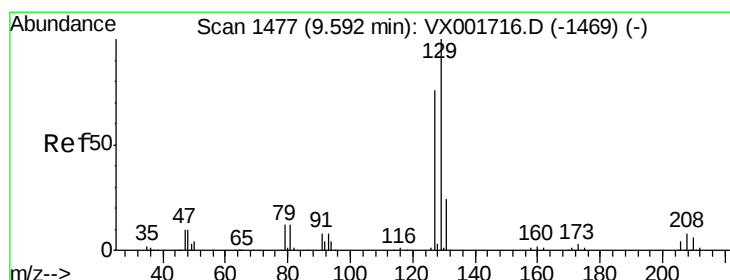
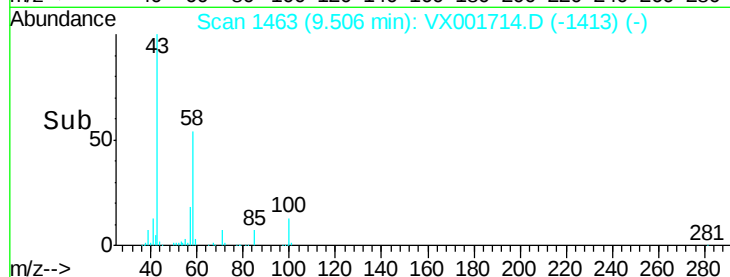
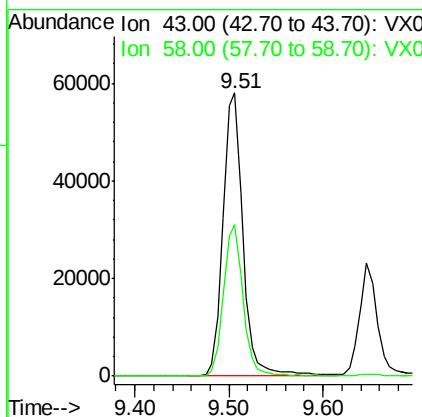
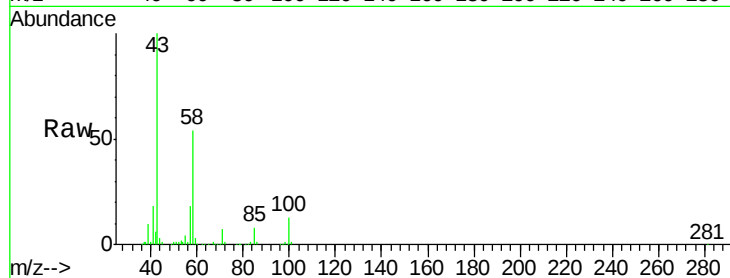
#59
2-Hexanone
Concen: 19.56 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 85113
Ion Ratio Lower Upper
43 100
58 52.6 27.7 83.1

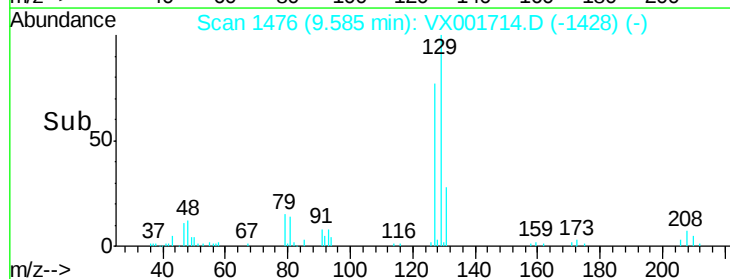
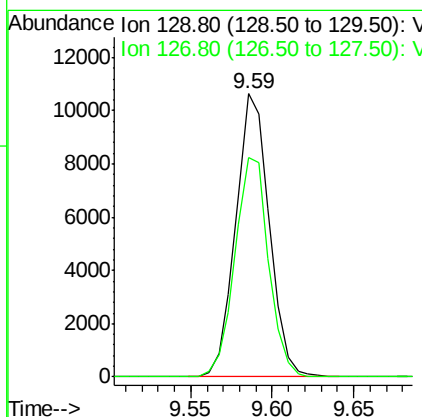
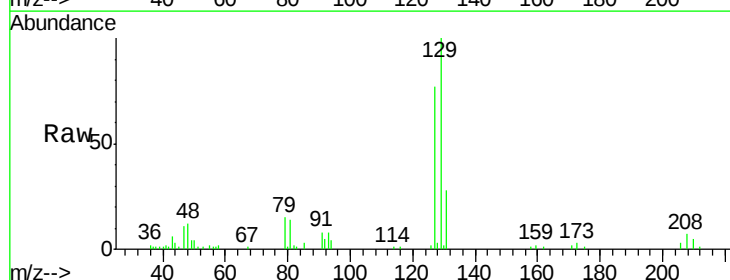
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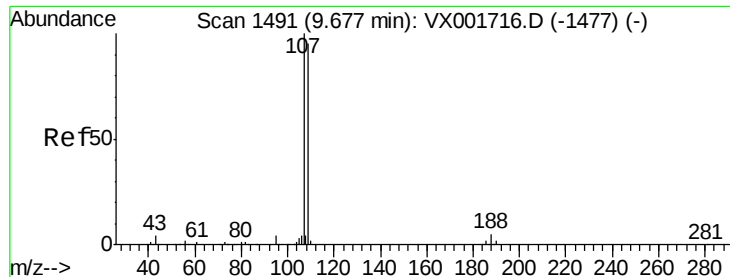
MMDadoda
5/16/2018 11:54:05 AM



#60
Dibromochloromethane
Concen: 3.77 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Tgt Ion: 129 Resp: 15191
Ion Ratio Lower Upper
129 100
127 78.1 38.7 116.1





#61

1,2-Dibromoethane

Concen: 4.19 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:107 Resp: 17373

Ion Ratio Lower Upper

107 100

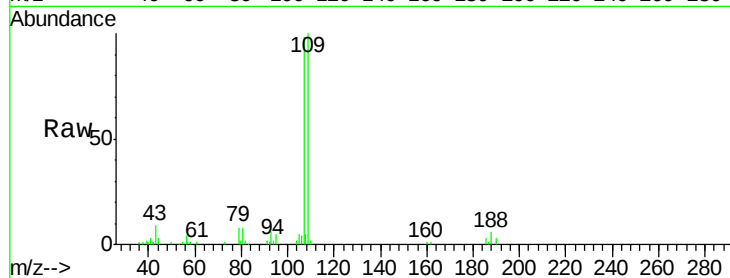
109 96.2 76.2 114.2

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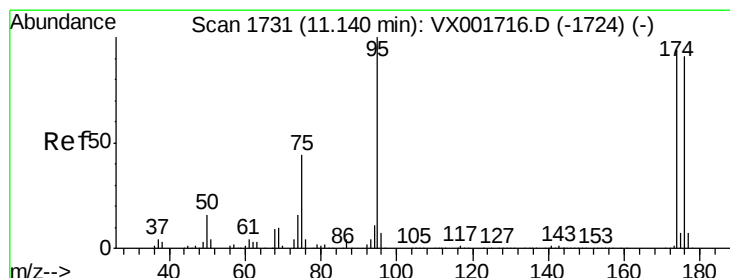
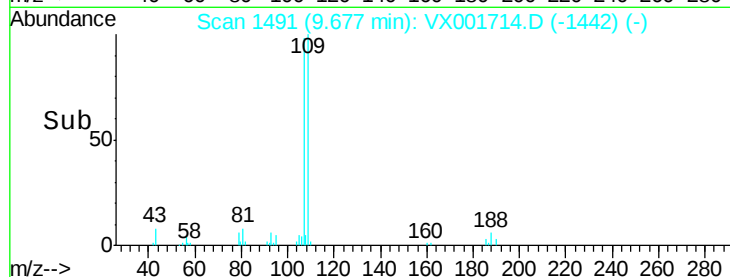
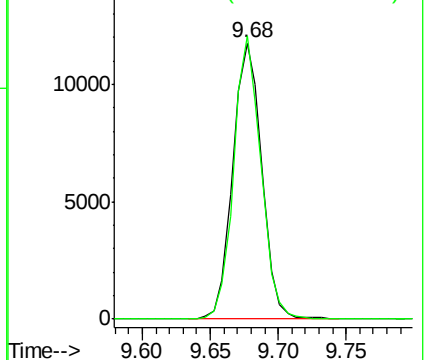
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.26 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

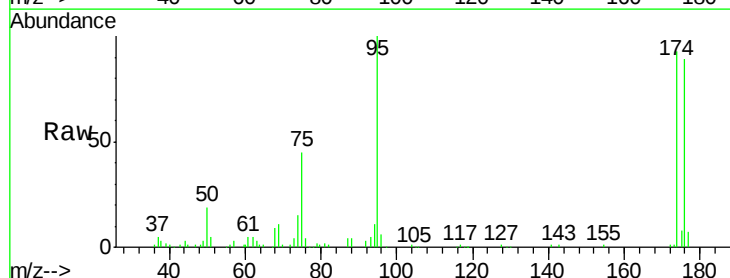
Tgt Ion: 95 Resp: 21410

Ion Ratio Lower Upper

95 100

174 99.6 0.0 201.8

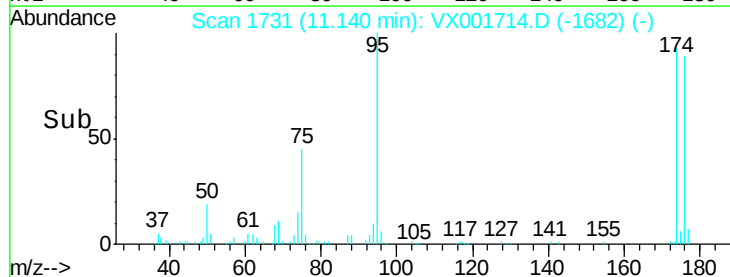
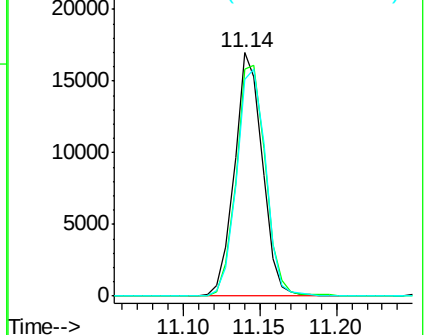
176 97.1 0.0 196.8

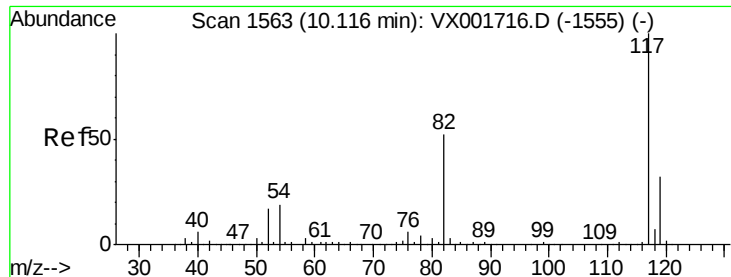


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





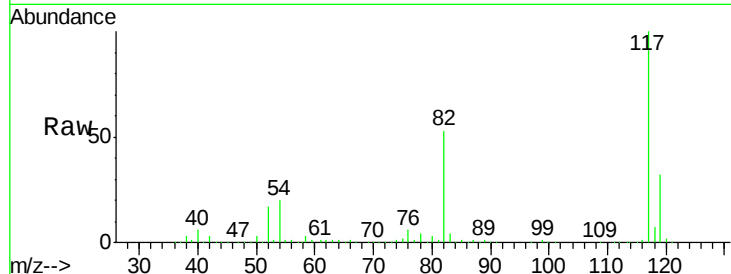
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

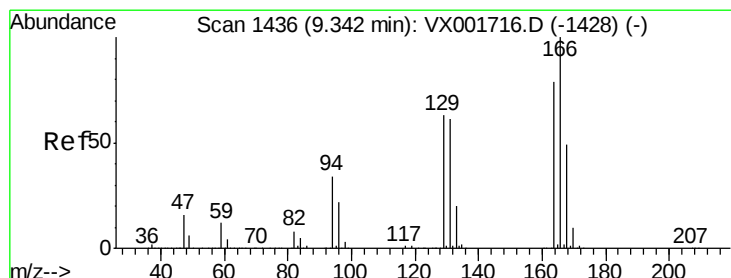
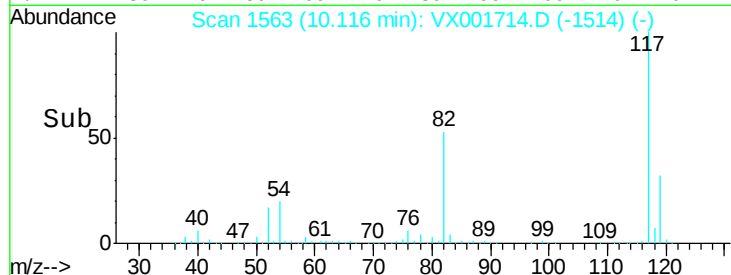
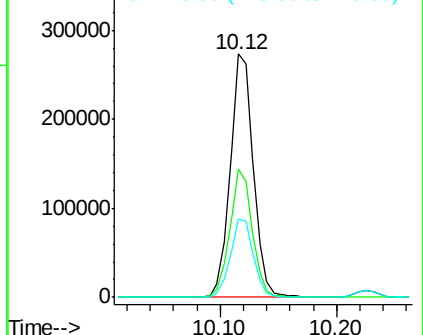
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	41.4	62.2
119	32.0	25.6	38.4

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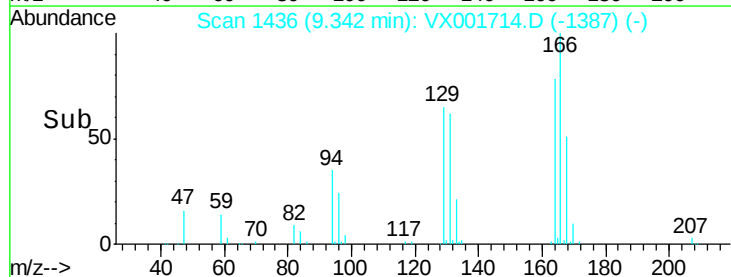
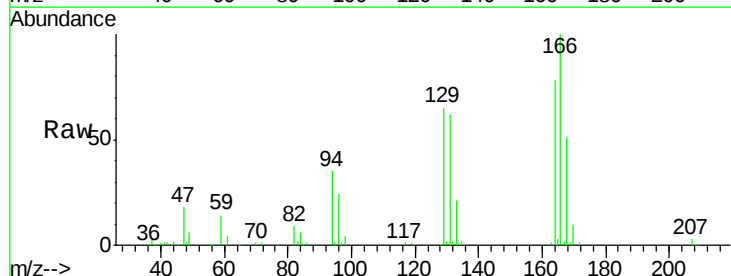
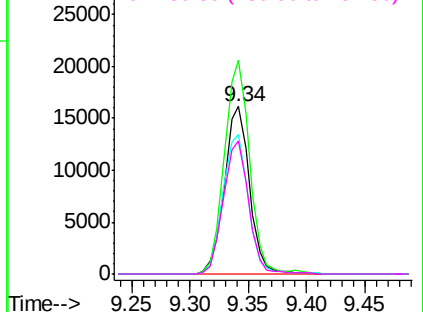
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

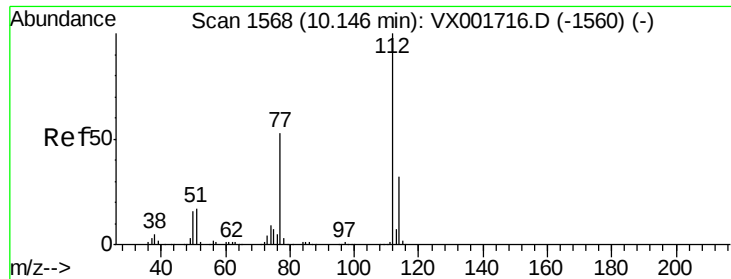


#64
Tetrachloroethene
Concen: 4.65 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.7	101.8	152.8
129	83.2	63.8	95.6
131	79.5	62.2	93.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





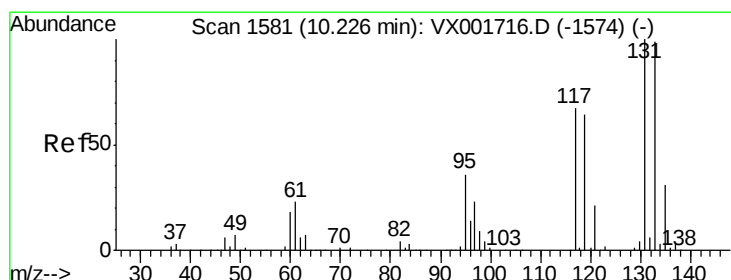
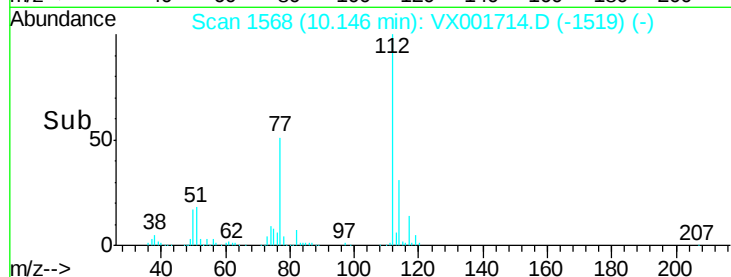
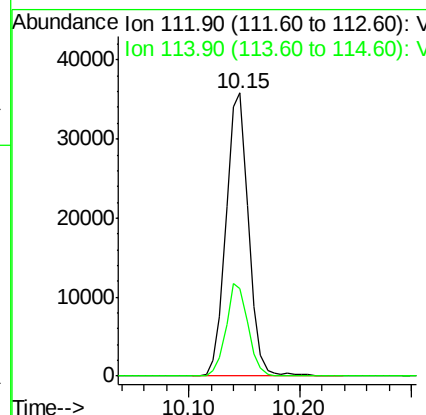
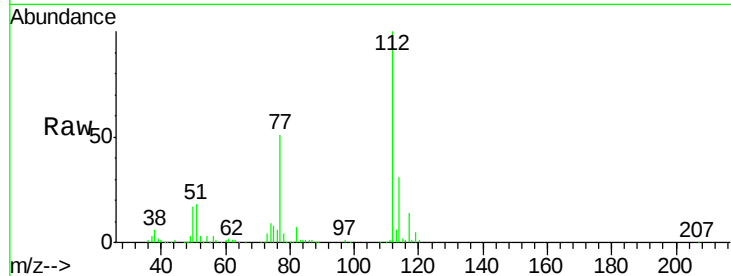
#65
Chlorobenzene
Concen: 4.57 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:112 Resp: 49929
Ion Ratio Lower Upper
112 100
114 31.0 25.6 38.4

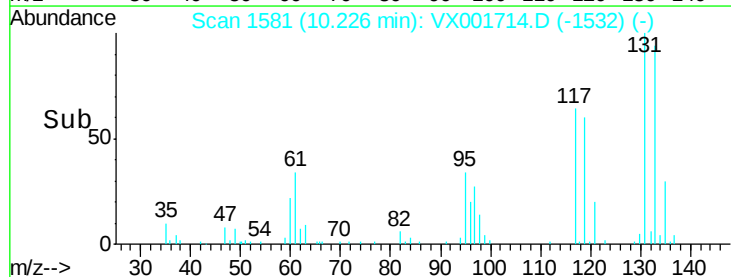
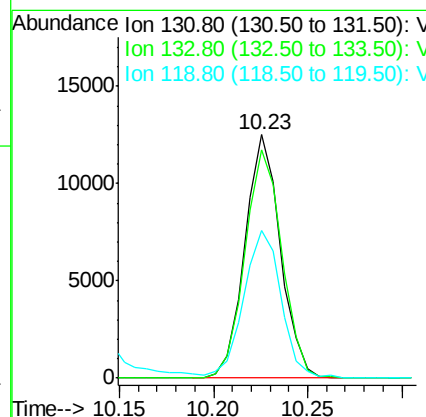
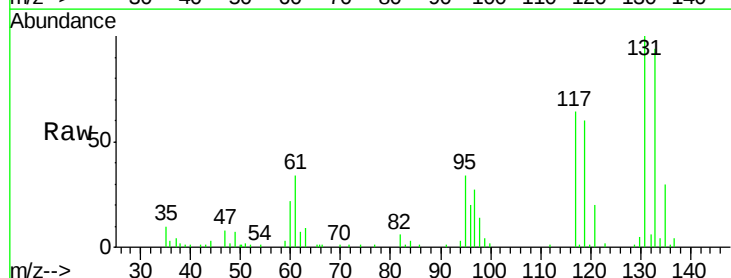
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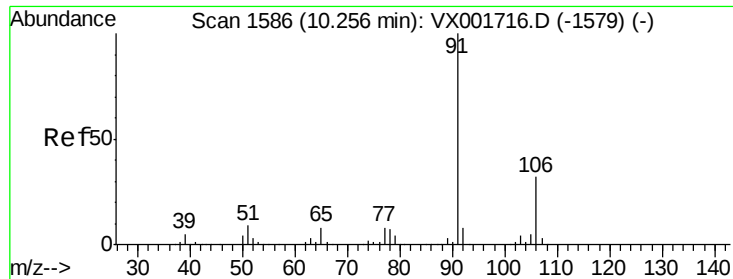
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 4.20 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Tgt Ion:131 Resp: 16353
Ion Ratio Lower Upper
131 100
133 97.6 48.5 145.6
119 63.8 31.9 95.5





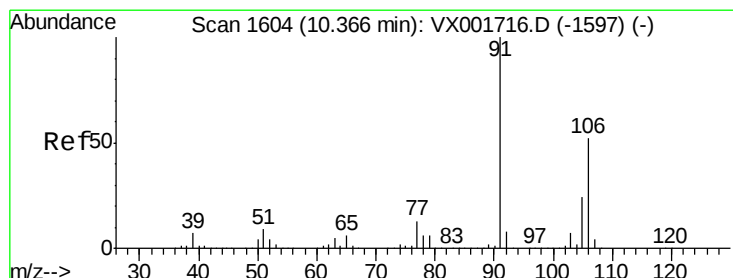
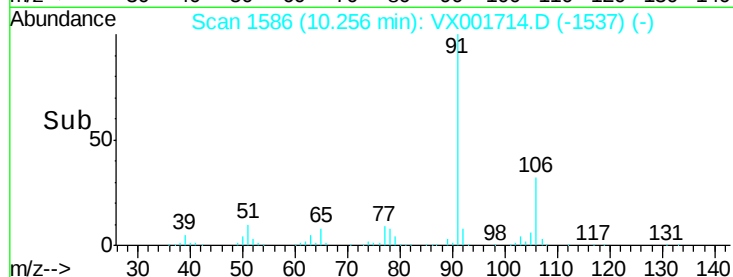
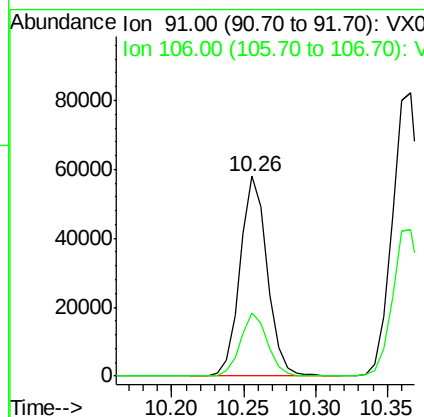
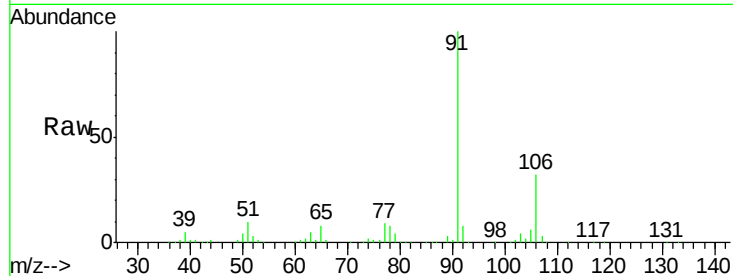
#67
Ethyl Benzene
Concen: 4.26 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 91 Resp: 76281
Ion Ratio Lower Upper
91 100
106 31.7 25.7 38.5

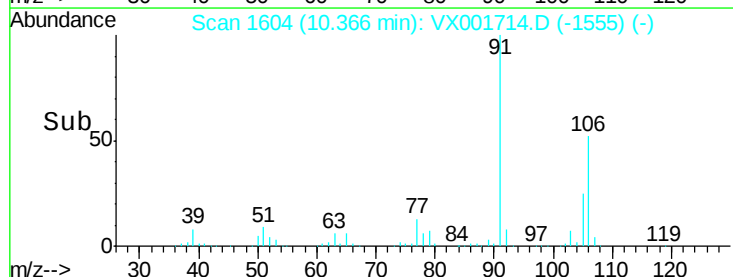
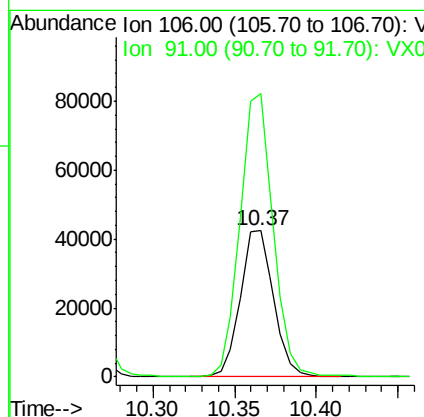
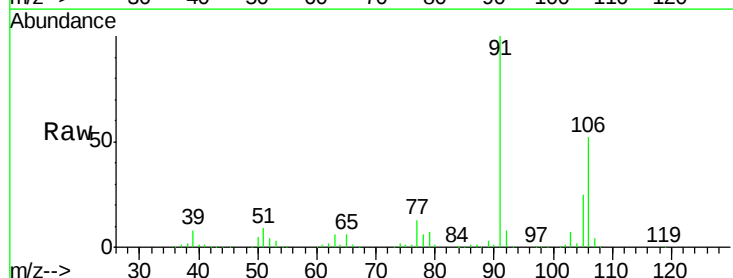
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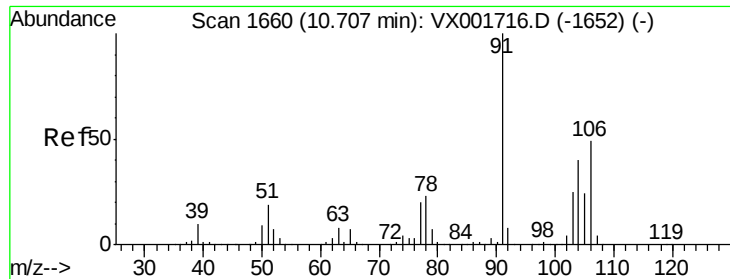
MMDadoda
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#68
m/p-Xylenes
Concen: 8.51 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Tgt Ion: 106 Resp: 60079
Ion Ratio Lower Upper
106 100
91 193.0 155.4 233.2





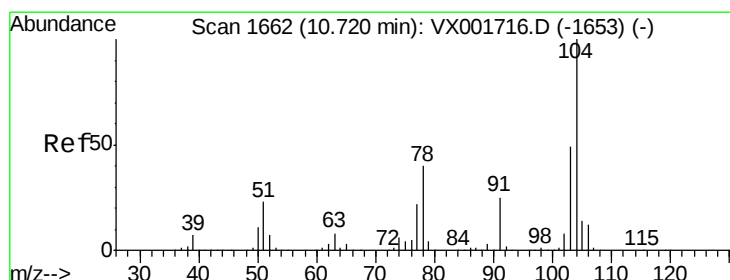
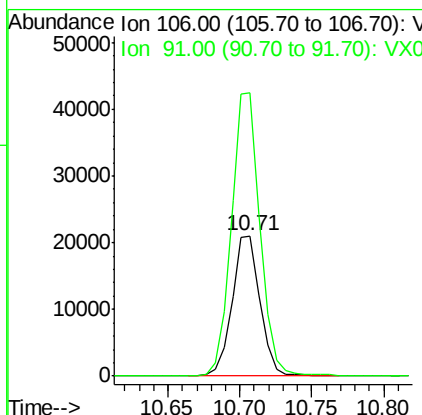
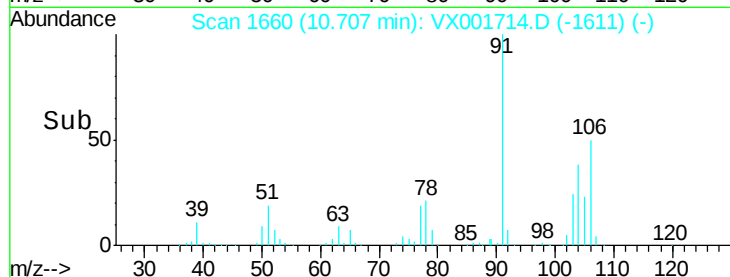
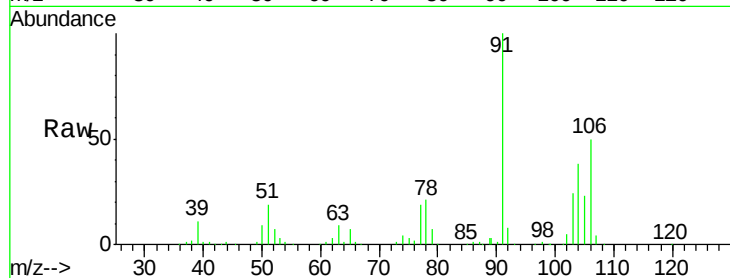
#69
o-Xylene
Concen: 4.19 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Instrument :
MSVOA_X
ClientSampleID :
VSTDIC005

Tot Ion:106 Resp: 28698
Ion Ratio Lower Upper
106 100
91 206.7 103.4 310.2

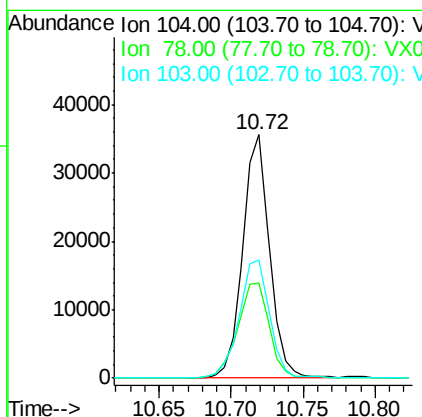
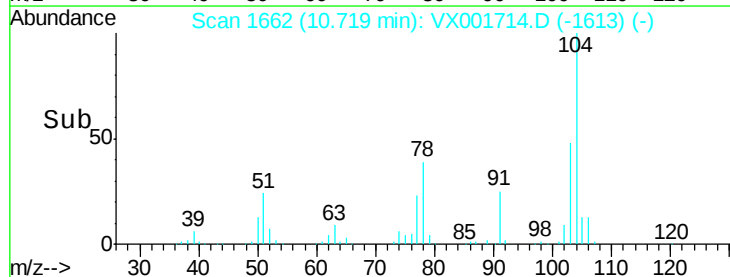
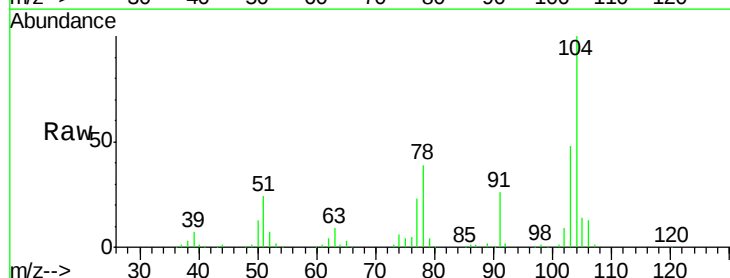
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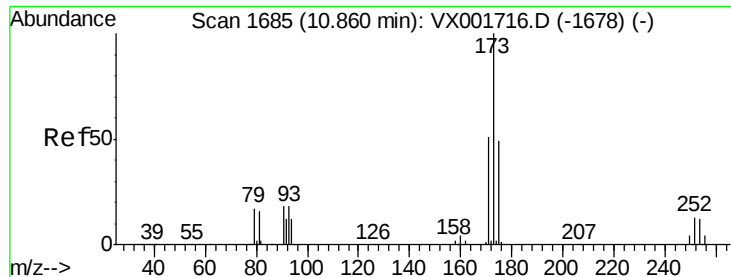
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#70
Styrene
Concen: 4.12 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Tgt Ion:104 Resp: 45903
Ion Ratio Lower Upper
104 100
78 46.2 37.3 55.9
103 55.3 43.7 65.5





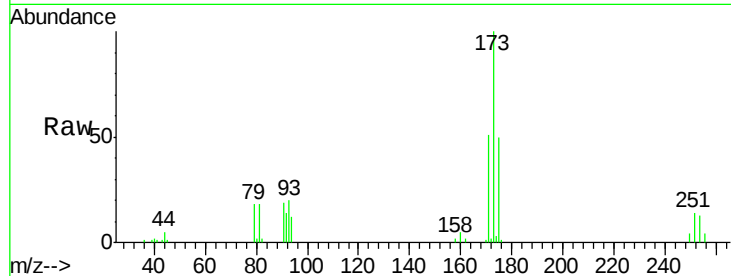
#71
Bromoform
Concen: 3.63 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

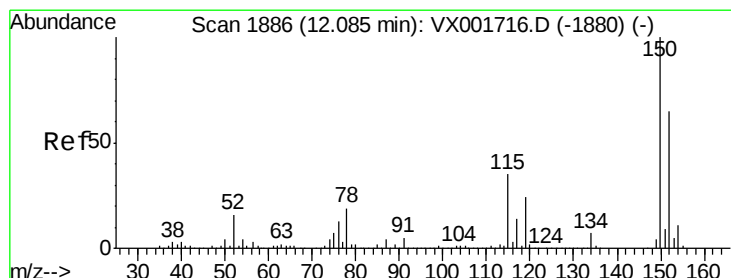
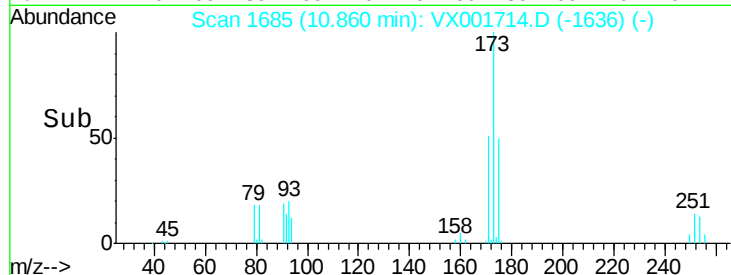
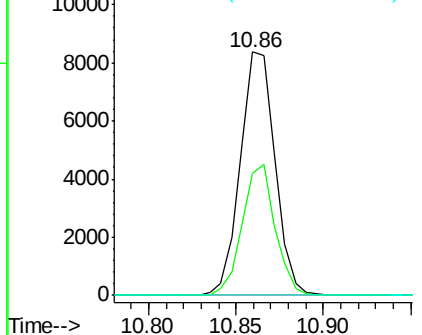
Tot Ion	Ratio	Lower	Upper
173	100		
175	50.5	24.3	72.8
254	0.0	0.2	0.2

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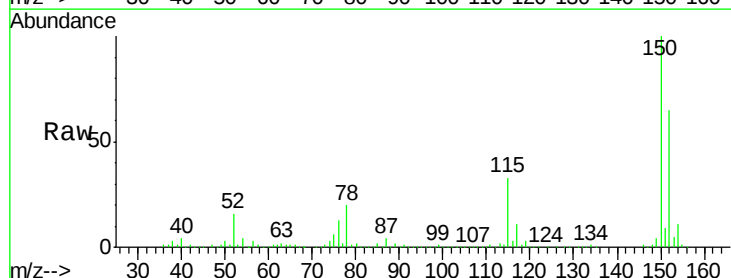


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

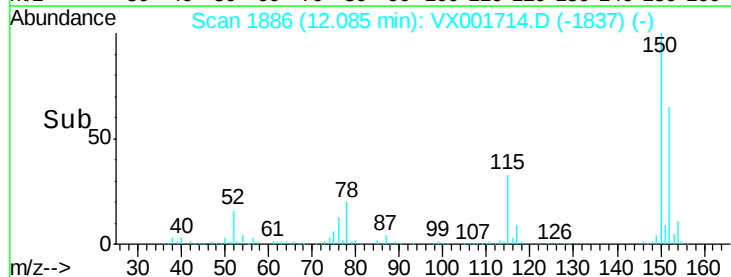
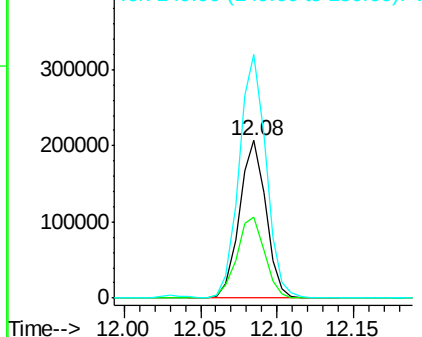


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.4	37.4	112.2
150	157.7	0.0	344.8



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





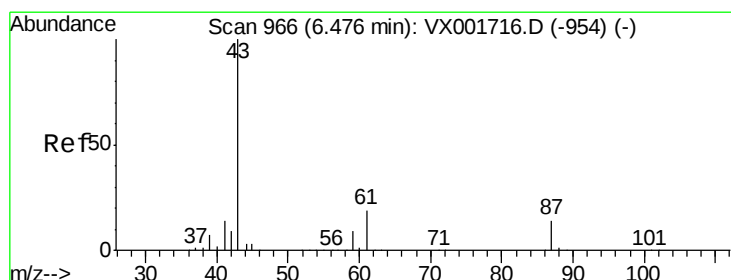
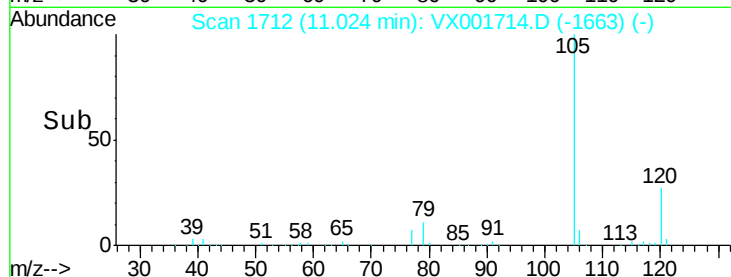
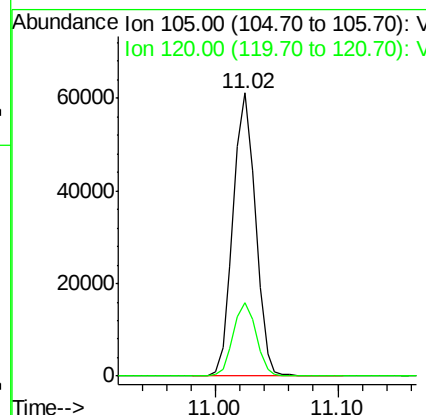
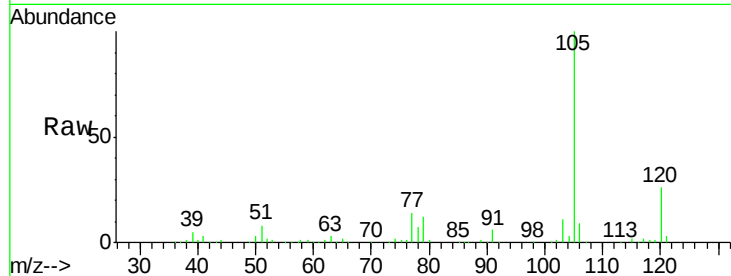
#73
Isopropylbenzene
Concen: 4.55 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:105 Resp: 77759
Ion Ratio Lower Upper
105 100
120 26.6 13.8 41.3

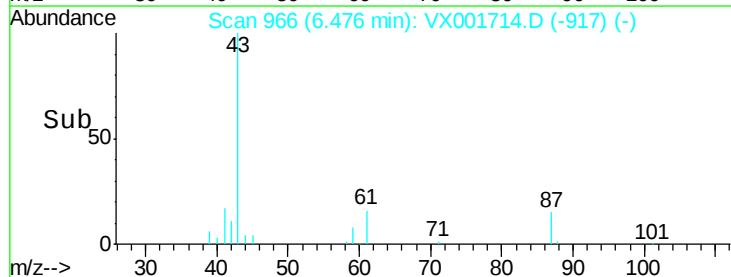
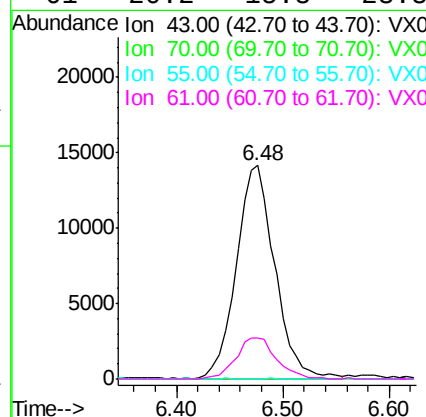
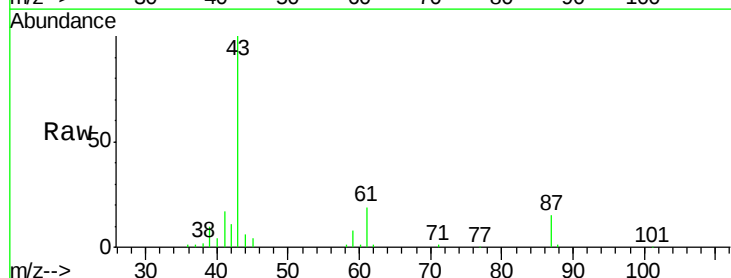
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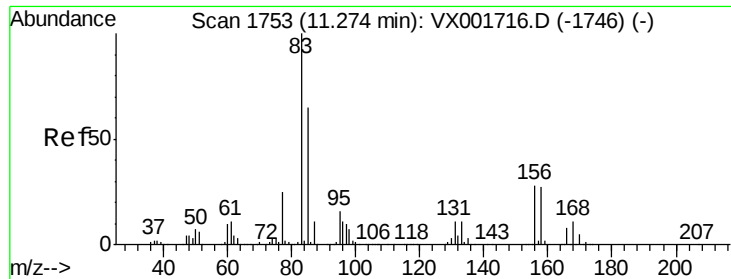
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#74
N-ethyl acetate
Concen: 4.58 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Tgt Ion: 43 Resp: 35929
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0
55 0.1 0.1 0.1
61 20.2 15.8 23.8





#75

1,1,2,2-Tetrachloroethane

Concen: 4.72 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

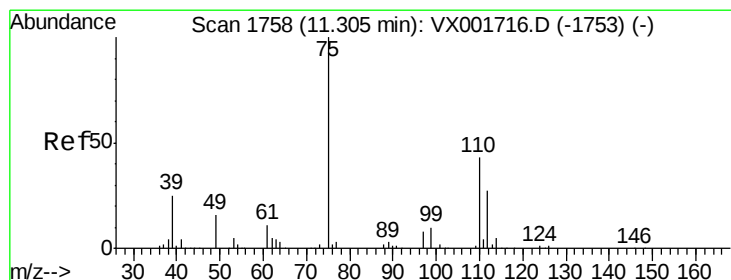
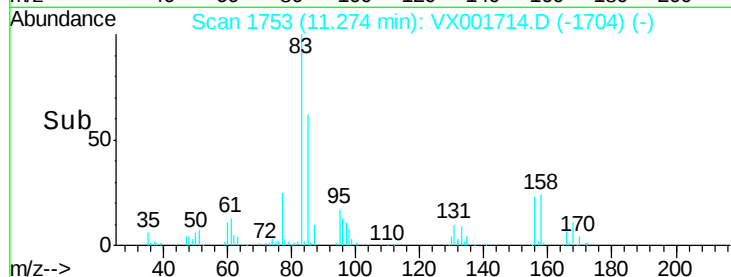
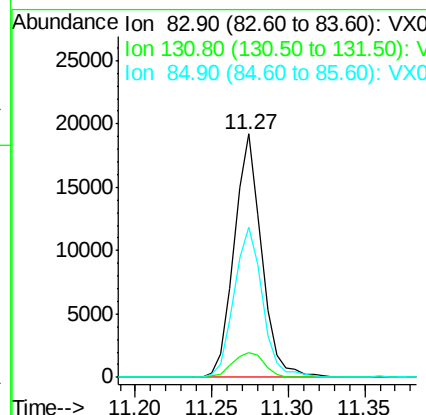
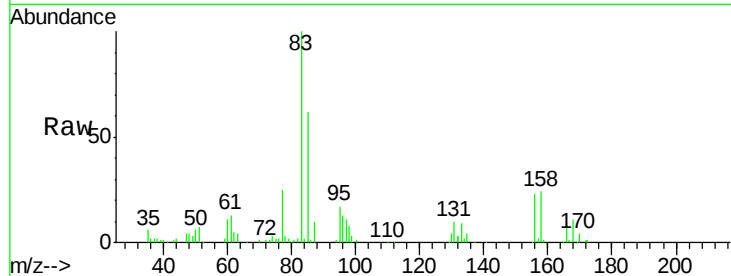
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	23779
Ion Ratio	Lower	Upper	
83	100		
131	11.8	5.7	17.0
85	63.7	32.7	98.1

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 4.59 ug/l m

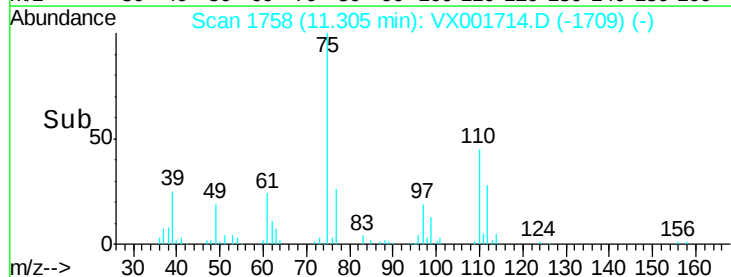
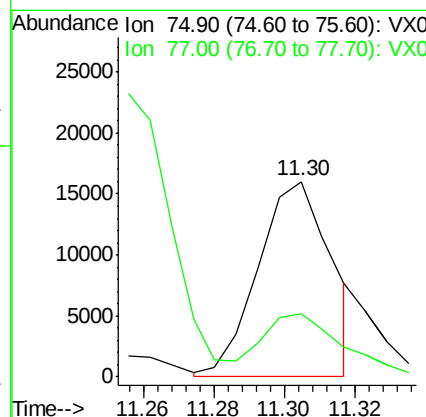
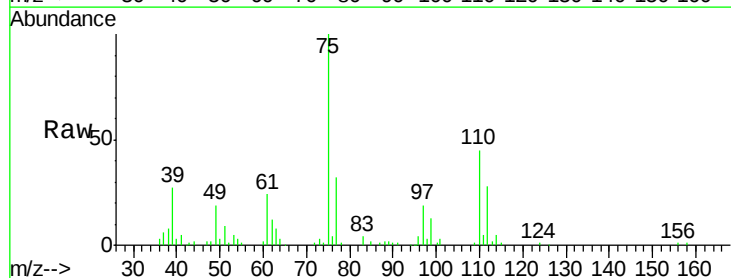
RT: 11.30 min Scan# 1758

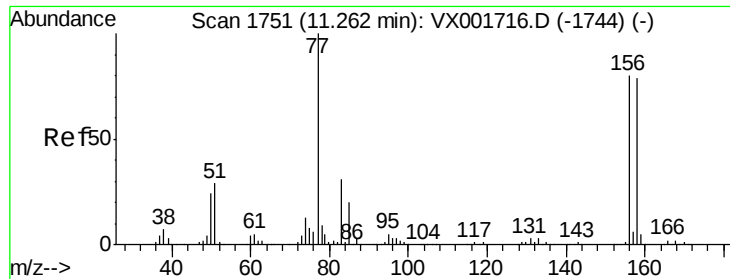
Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Tgt Ion:	75	Resp:	23031
Ion Ratio	Lower	Upper	
75	100		
77	35.6	18.9	56.7





#77

Bromobenzene

Concen: 4.58 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:156 Resp: 22825

Ion Ratio Lower Upper

156 100

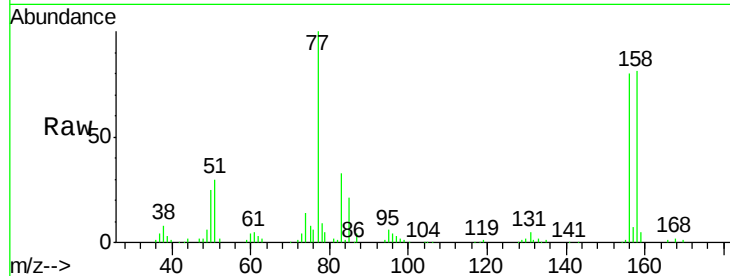
77 135.8 65.3 196.0

158 97.9 49.1 147.3

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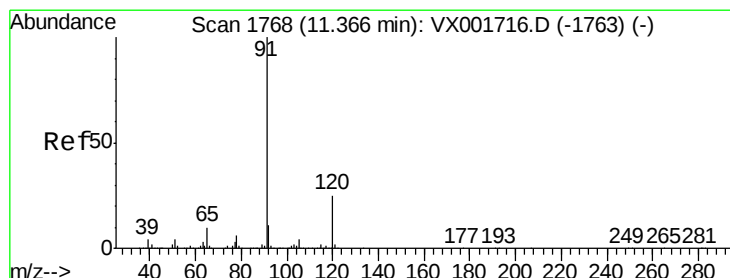
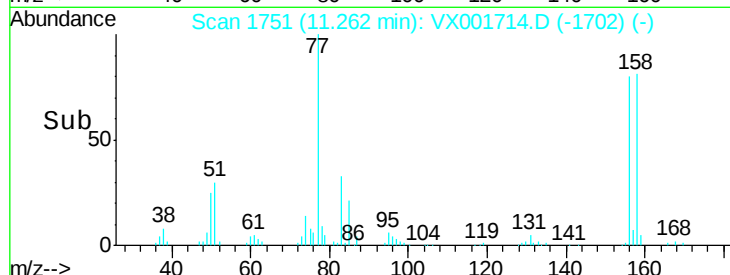
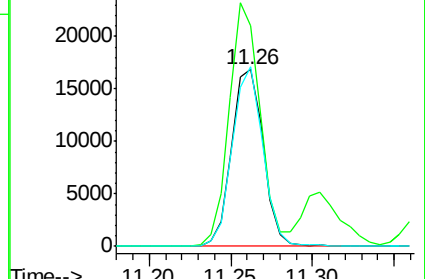
5/16/2018 11:54:05 AM



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: 4.61 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001714.D

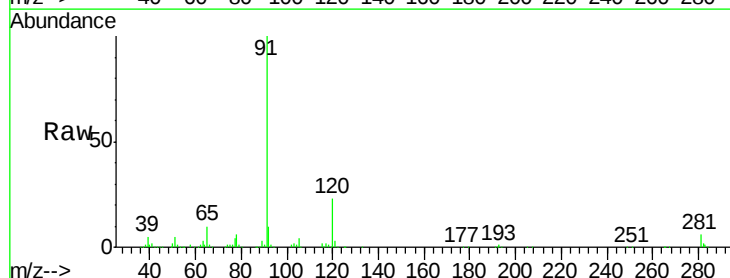
Acq: 14 May 2018 17:23

Tgt Ion: 91 Resp: 85917

Ion Ratio Lower Upper

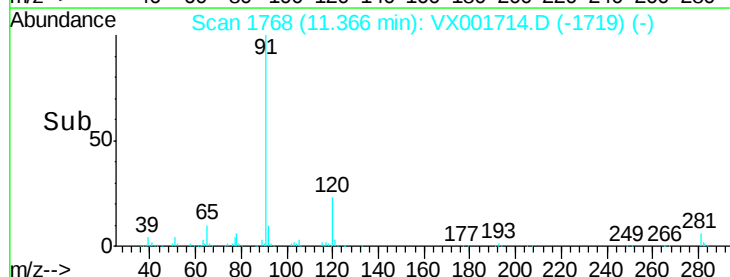
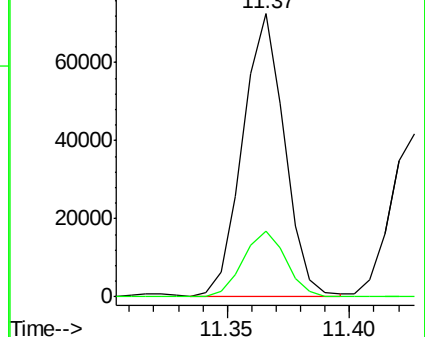
91 100

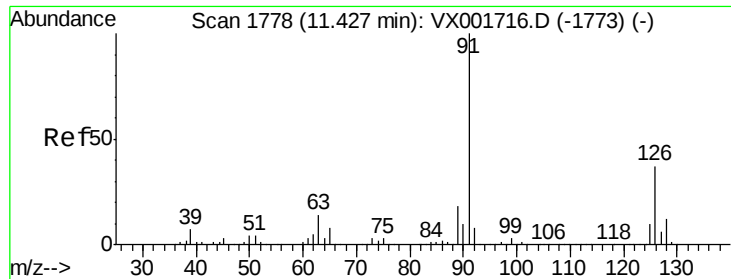
120 24.1 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.62 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tot Ion: 91 Resp: 52781

Ion Ratio Lower Upper

91 100

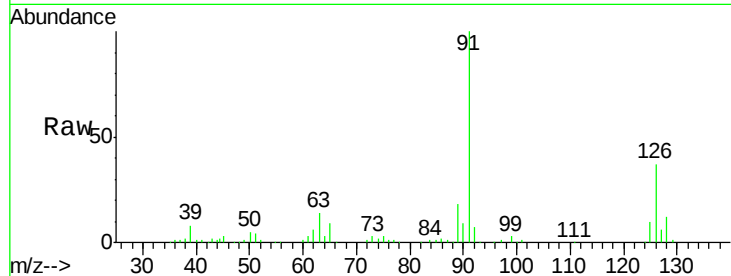
126 36.7 18.4 55.4

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Abundance Ion 91.00 (90.70 to 91.70): VX001716.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX001716.D (-1773) (-)

80000

60000

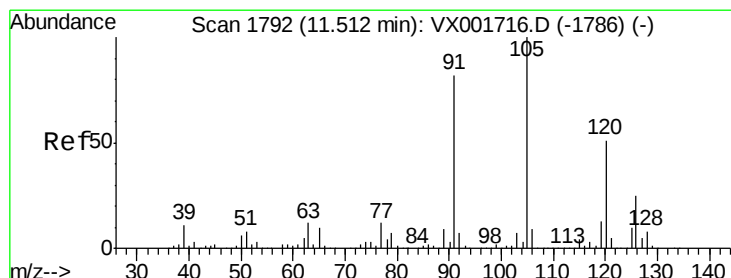
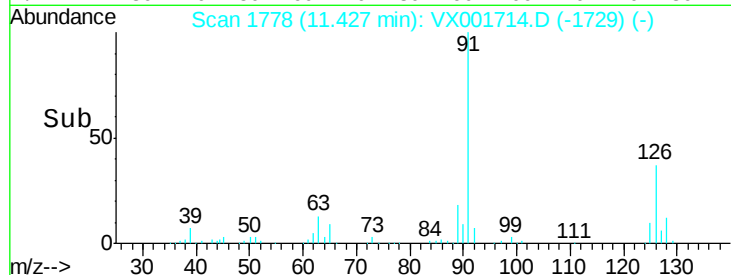
40000

20000

0

11.40 11.43 11.45 11.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 4.46 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001714.D

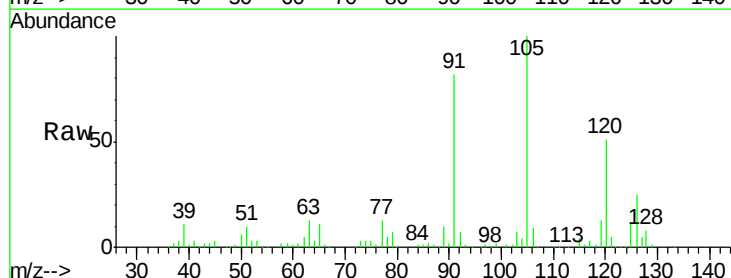
Acq: 14 May 2018 17:23

Tgt Ion: 105 Resp: 63317

Ion Ratio Lower Upper

105 100

120 51.1 25.7 77.0



Abundance Ion 105.00 (104.70 to 105.70): VX001716.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX001716.D (-1786) (-)

60000

50000

40000

30000

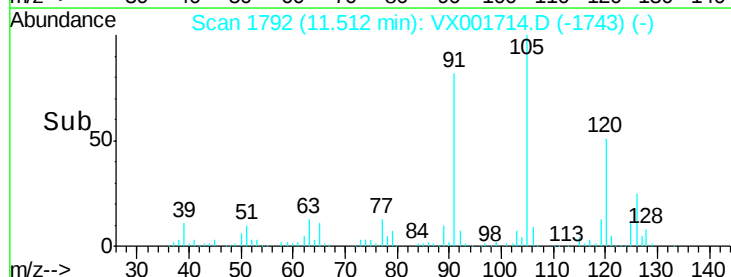
20000

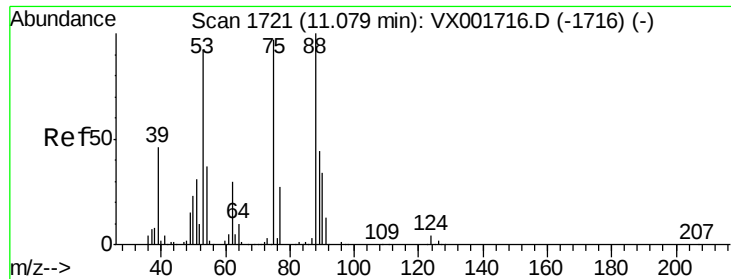
10000

0

11.45 11.50 11.55 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 3.73 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

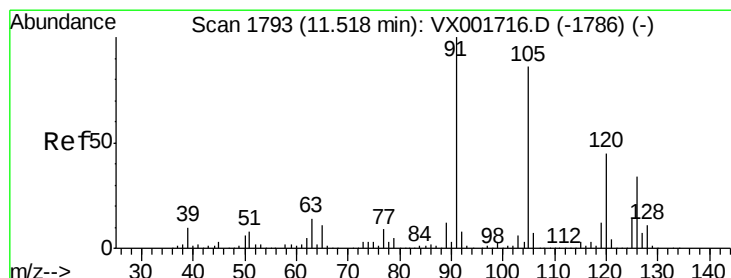
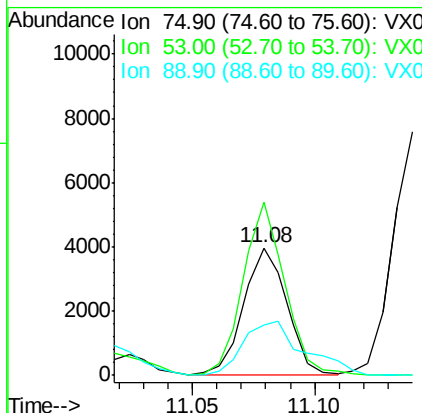
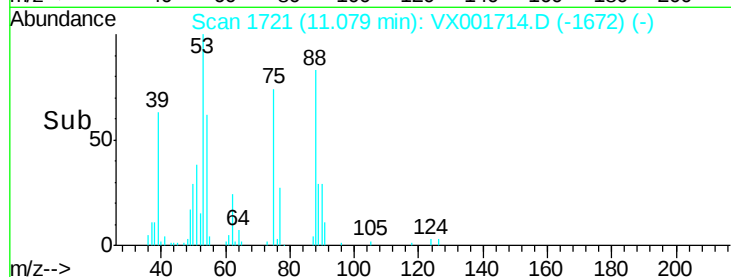
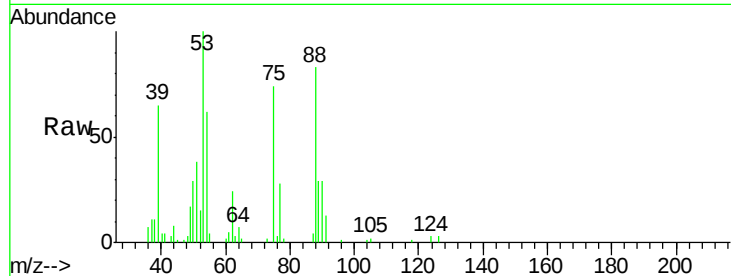
ClientSampleId :

VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
53	130.1	79.4	119.2#
89	58.8	38.8	58.2#

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#82

4-Chlorotoluene

Concen: 4.70 ug/l

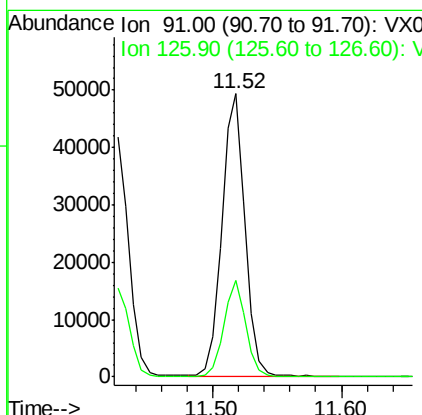
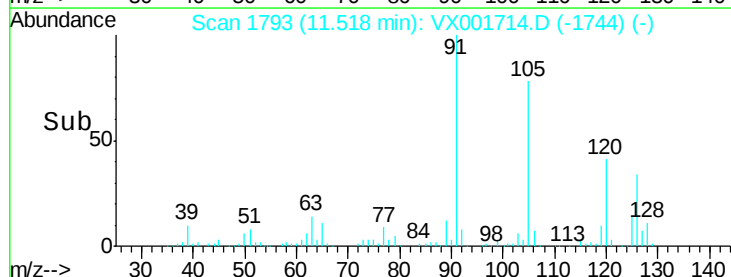
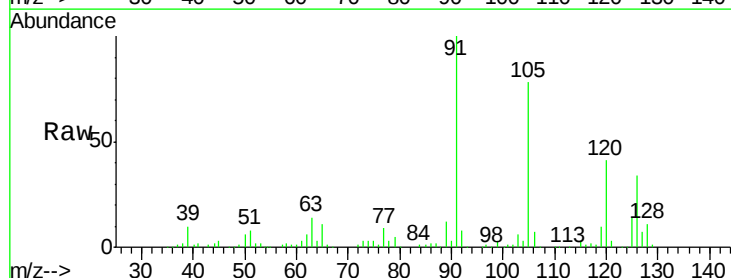
RT: 11.52 min Scan# 1793

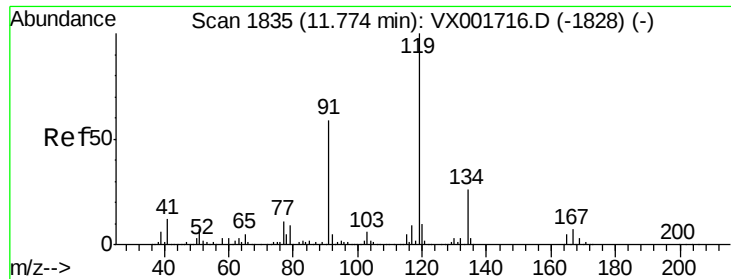
Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.4	49.1





#83

tert-Butylbenzene

Concen: 4.29 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

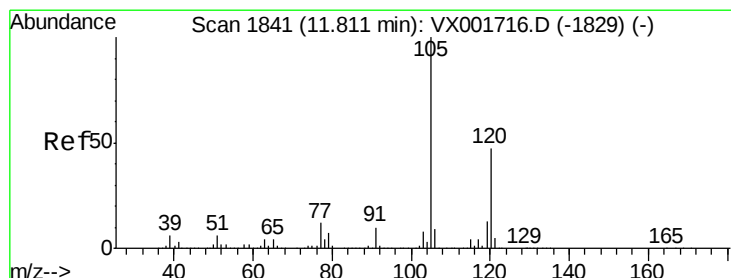
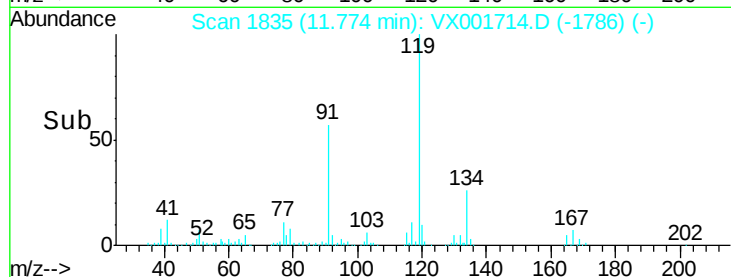
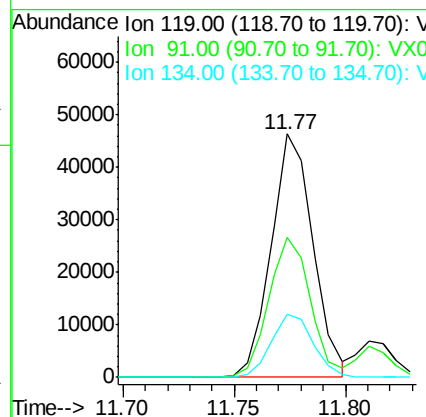
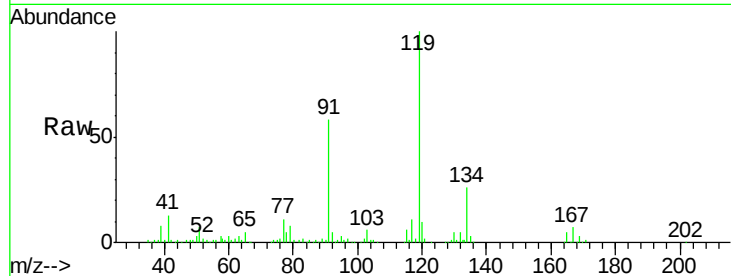
ClientSampleId :

VSTDIC005

Tot Ion:	119	Resp:	60352
Ion Ratio	Lower	Upper	
119	100		
91	57.3	27.7	83.0
134	26.0	12.7	38.1

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#84

1,2,4-Trimethylbenzene

Concen: 4.44 ug/l

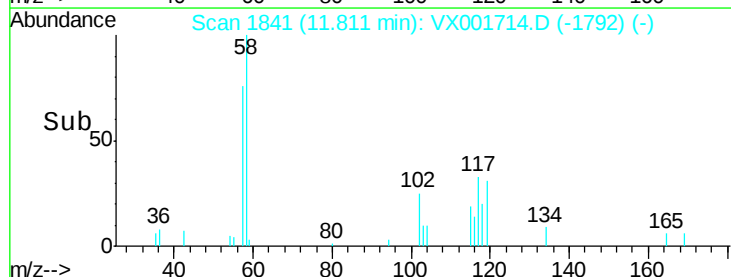
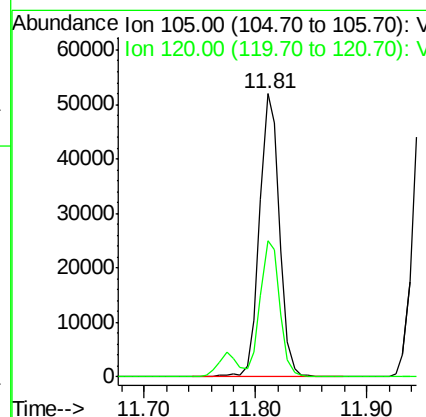
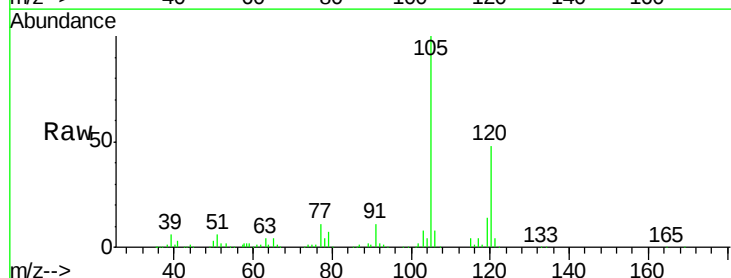
RT: 11.81 min Scan# 1841

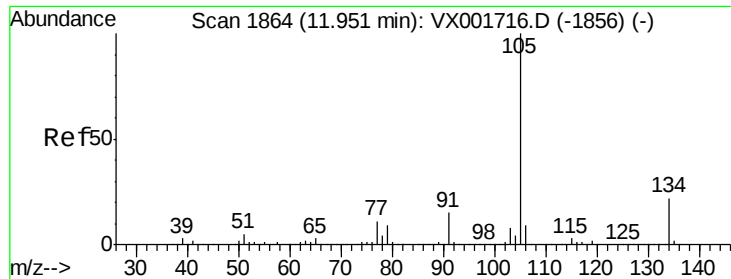
Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Tgt Ion:	105	Resp:	64800
Ion Ratio	Lower	Upper	
105	100		
120	47.2	23.5	70.5





#85

sec-Butylbenzene

Concen: 4.48 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 76071

Ion Ratio Lower Upper

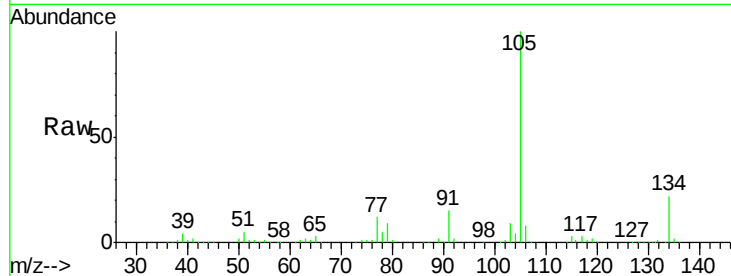
105 100

134 22.7 10.9 32.6

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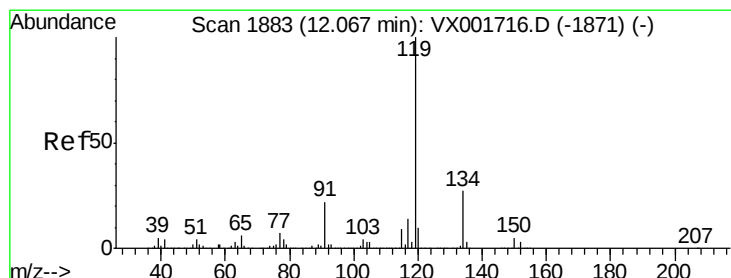
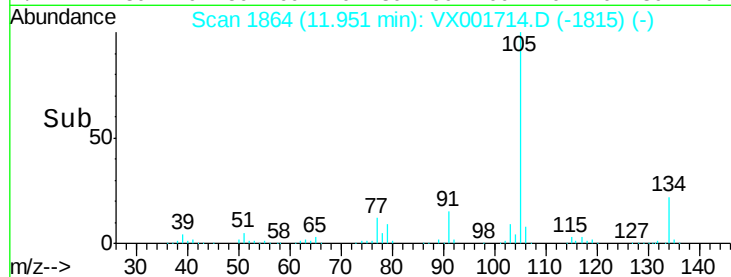
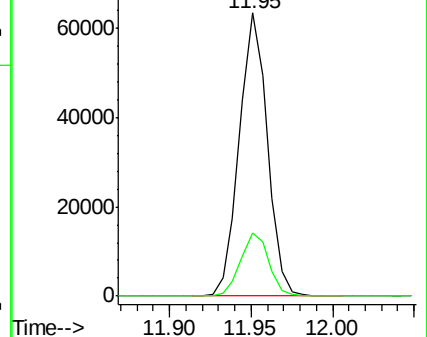
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.53 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX001714.D

Acq: 14 May 2018 17:23

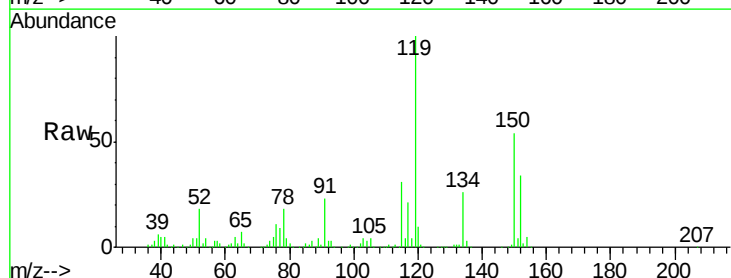
Tgt Ion:119 Resp: 70360

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.8

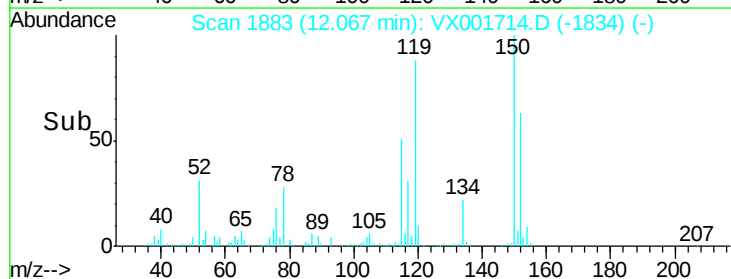
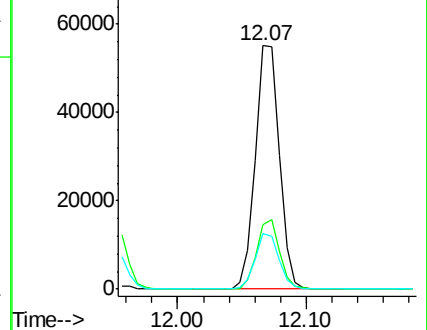
91 22.8 10.7 32.1

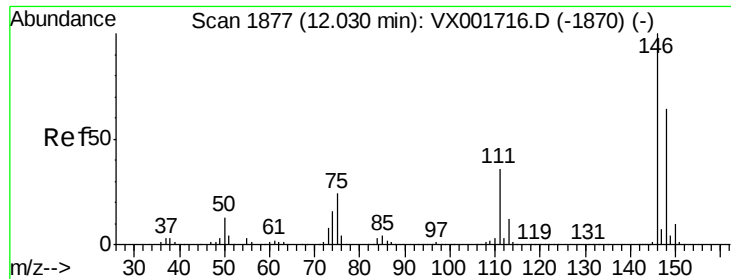


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





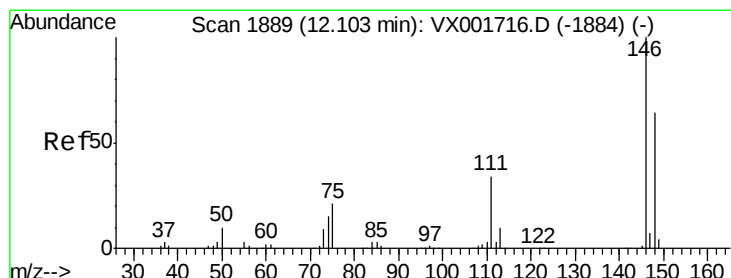
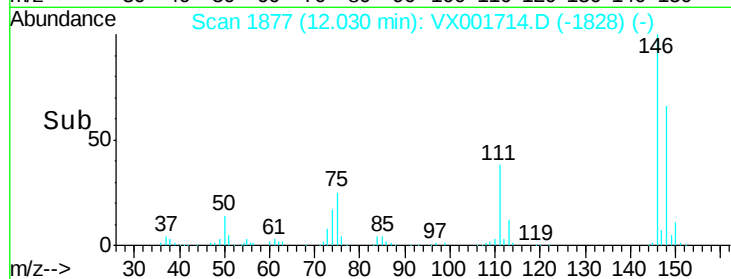
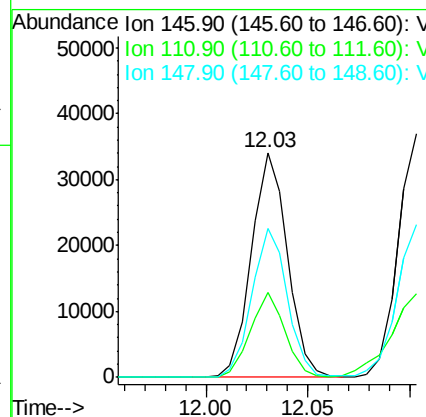
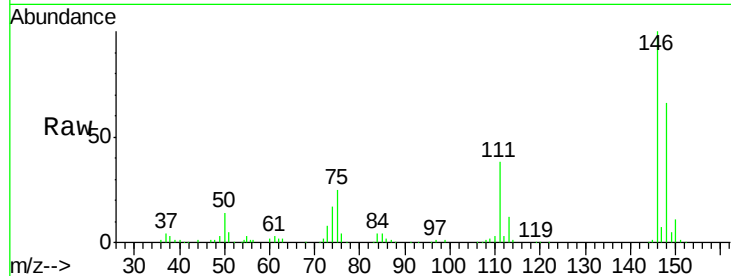
#87
 1,3-Dichlorobenzene
 Concen: 4.71 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001714.D
 Acq: 14 May 2018 17:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.3	17.8	53.4
148	65.3	32.1	96.3

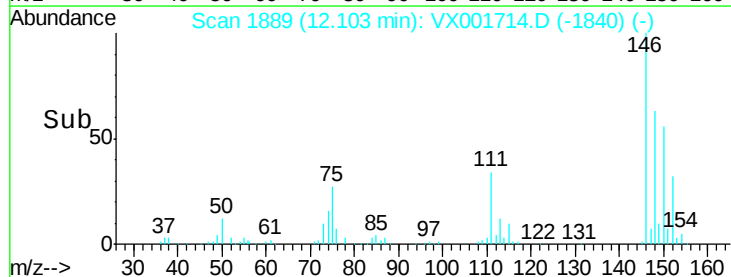
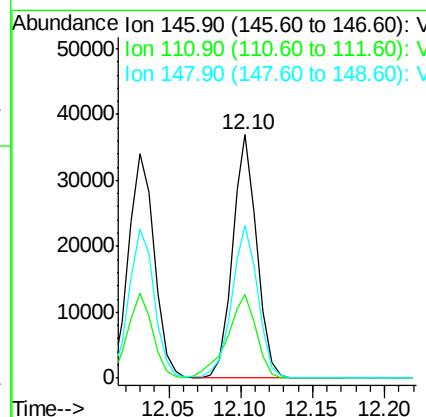
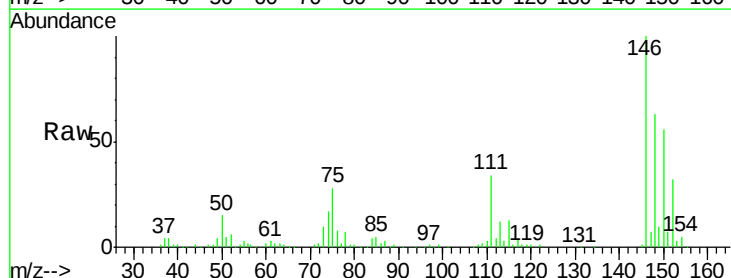
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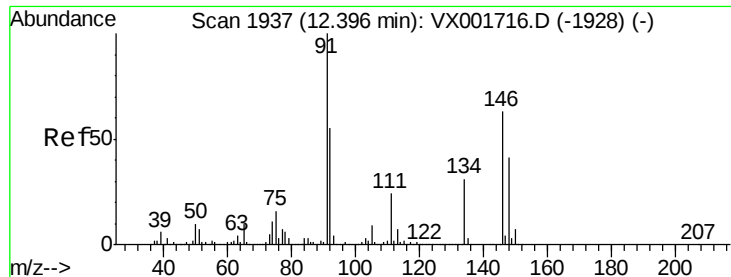
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#88
 1,4-Dichlorobenzene
 Concen: 4.83 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001714.D
 Acq: 14 May 2018 17:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	17.3	52.0
148	67.6	32.3	96.9





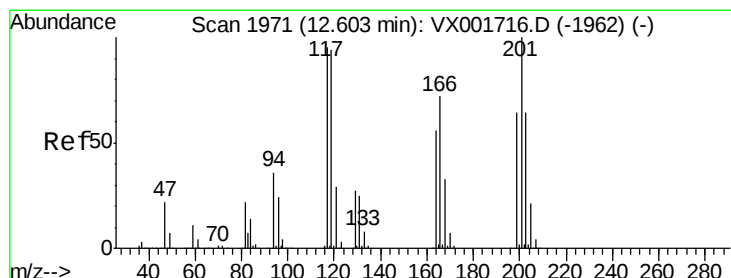
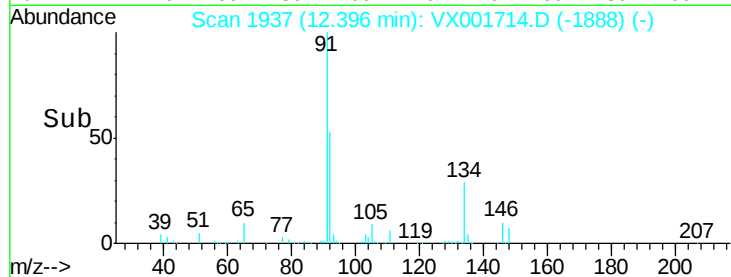
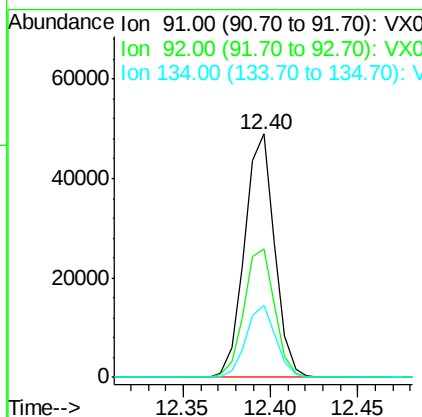
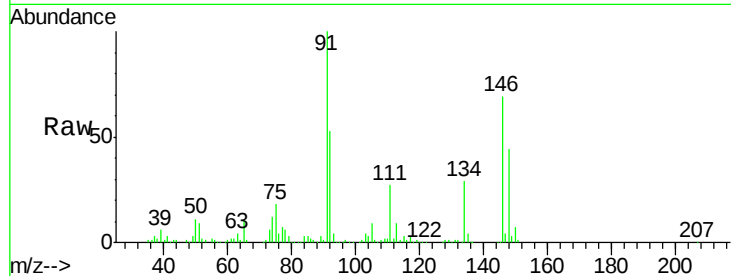
#89
n-Butylbenzene
Concen: 4.50 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.8	27.3	81.9
134	29.2	14.7	44.1

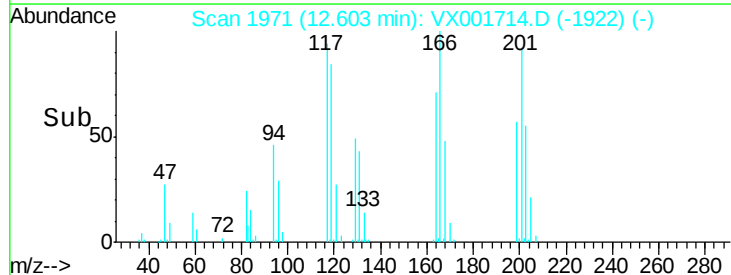
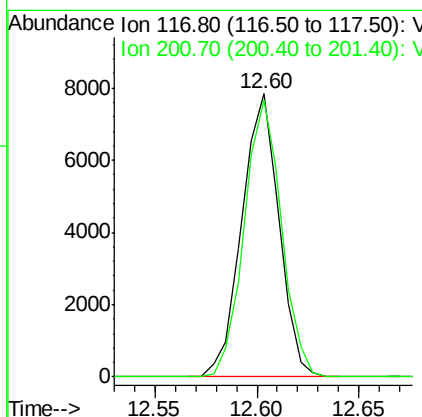
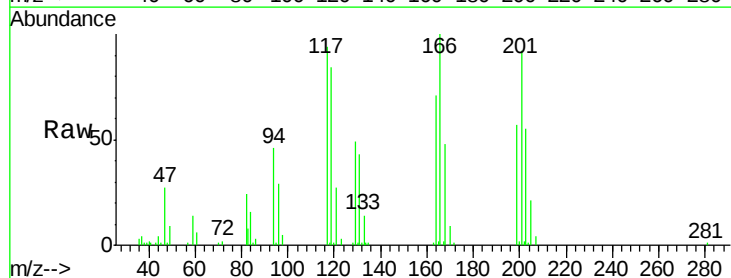
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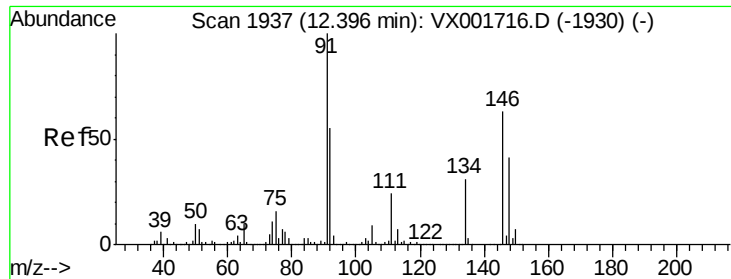
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#90
Hexachloroethane
Concen: 4.19 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	98.0	51.9	155.7





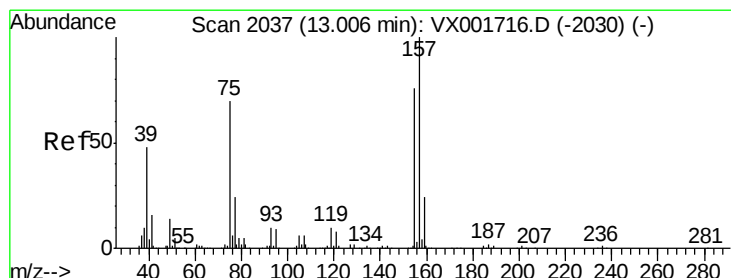
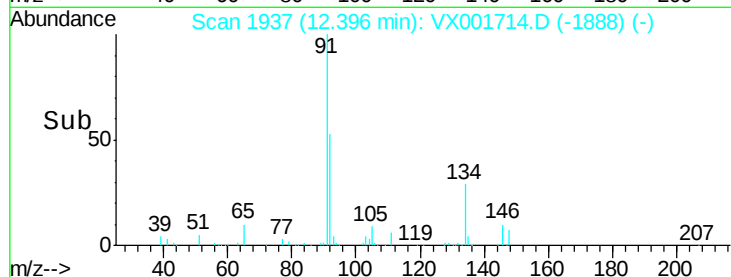
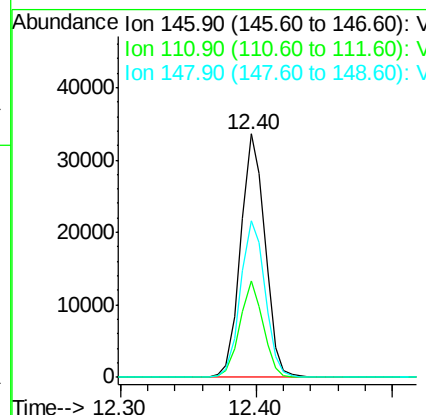
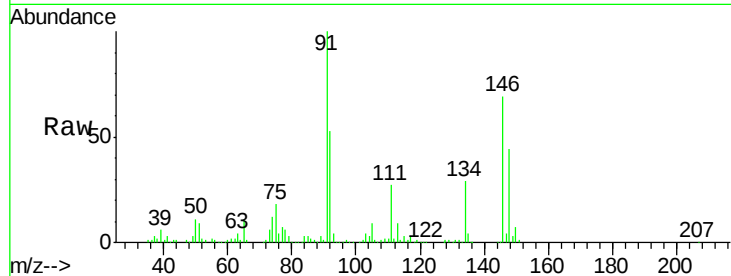
#91
 1,2-Dichlorobenzene
 Concen: 4.65 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001714.D
 Acq: 14 May 2018 17:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.6	56.0
148	65.1	32.4	97.0

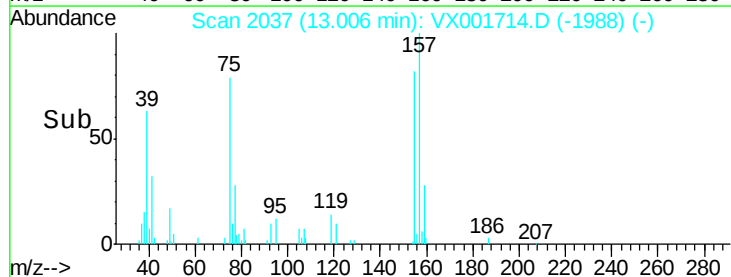
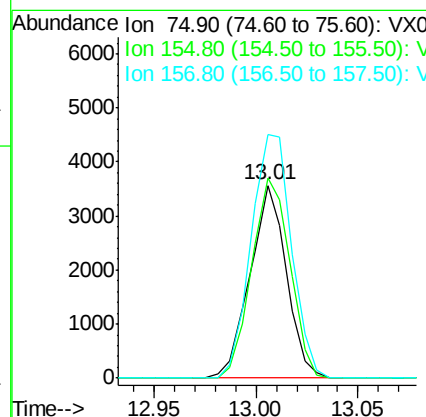
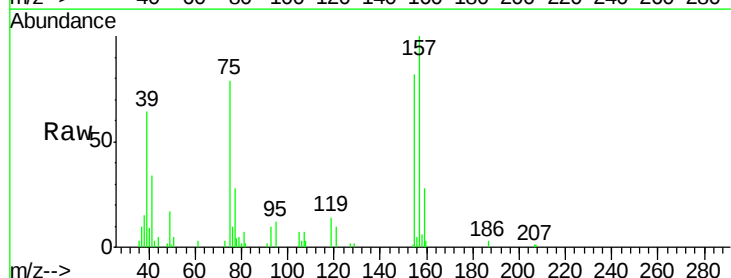
Manual Integrations
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 5/16/2018 11:54:05 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.01 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001714.D
 Acq: 14 May 2018 17:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	108.9	53.9	161.8
157	140.4	71.0	213.2





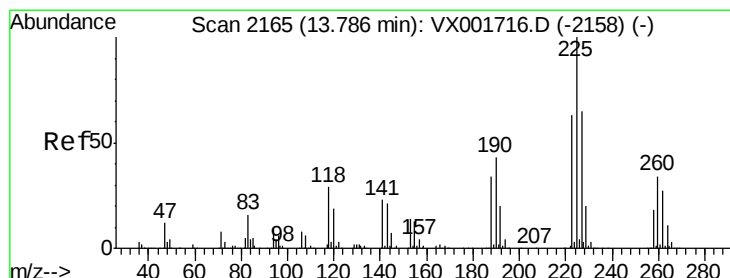
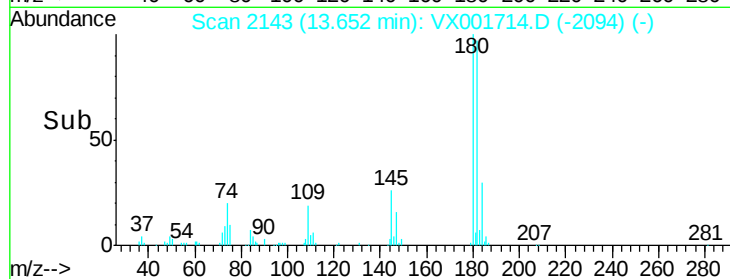
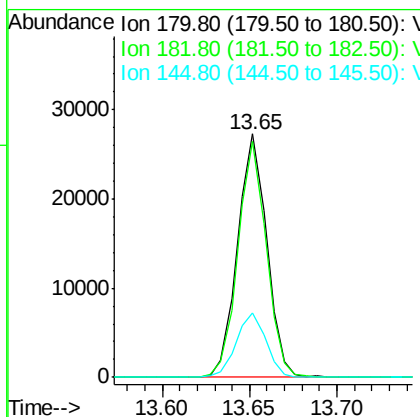
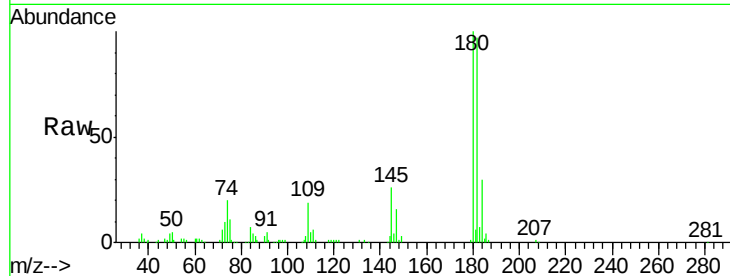
#93
 1,2,4-Trichlorobenzene
 Concen: 4.75 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001714.D
 Acq: 14 May 2018 17:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.6	142.9
145	27.0	13.4	40.1

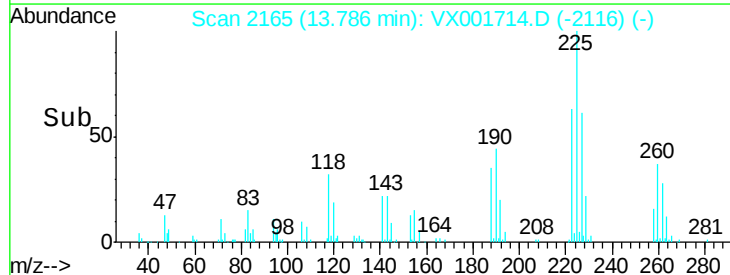
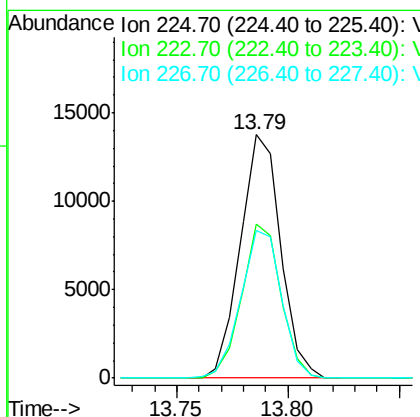
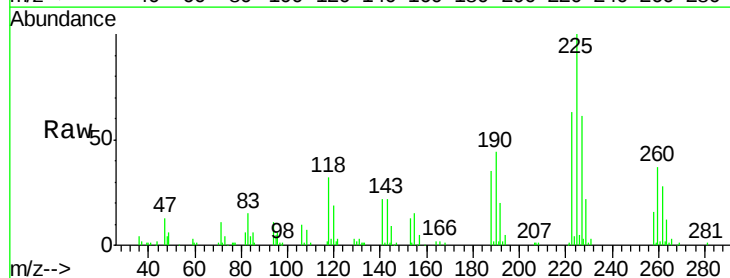
Manual Integrations
 APPROVED

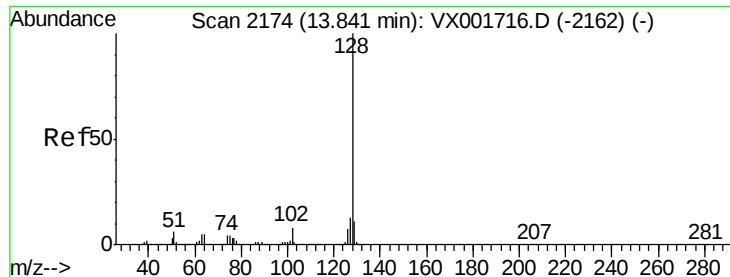
MMDadoda
 5/16/2018 11:54:05 AM



#94
 Hexachlorobutadiene
 Concen: 4.76 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001714.D
 Acq: 14 May 2018 17:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	31.1	93.5
227	61.1	31.9	95.5





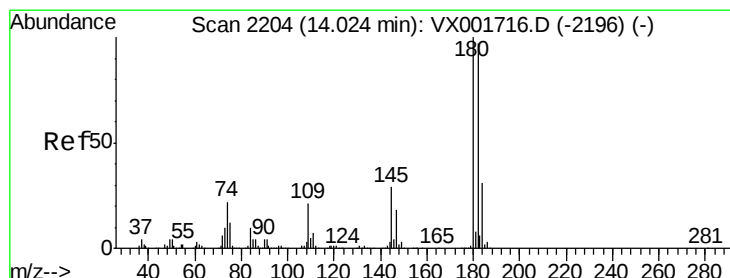
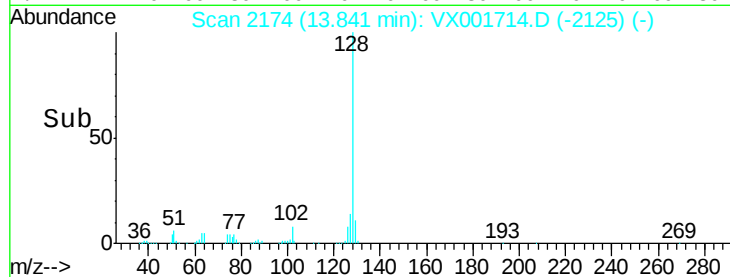
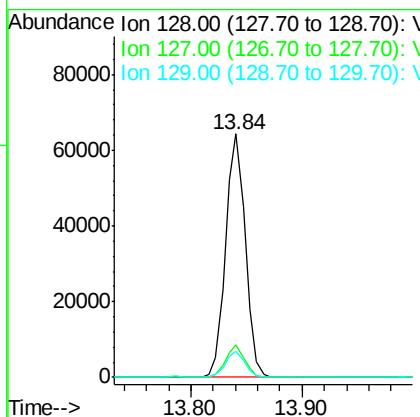
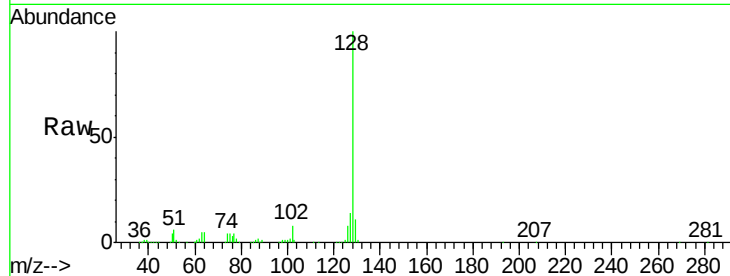
#95
Naphthalene
Concen: 4.29 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	10.6	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
5/16/2018 11:54:05 AM



#96
1,2,3-Trichlorobenzene
Concen: 4.70 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX001714.D
Acq: 14 May 2018 17:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.9	143.7
145	28.2	14.2	42.8

