

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
 Data File : VX003239.D
 Acq On : 09 Jul 2018 11:23
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 7/10/2018 3:11:42 PM

Quant Time: Jul 09 15:25:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 14:57:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	293180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	363973	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	326947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	221472	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	4906	1.68	ug/l	98
3) Chloromethane	1.33	50	4990	1.63	ug/l	92
4) Vinyl Chloride	1.41	62	4770	1.44	ug/l	91
5) Bromomethane	1.65	94	2782	1.36	ug/l	93
6) Chloroethane	1.73	64	2832	1.28	ug/l #	86
7) Trichlorofluoromethane	1.93	101	7682	1.37	ug/l	90
8) Diethyl Ether	2.19	74	2789	1.37	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	4583	1.41	ug/l	94
12) 1,1-Dichloroethene	2.38	96	4214	1.46	ug/l	90
14) Allyl chloride	2.73	41	7419	1.30	ug/l	93
15) Acrylonitrile	3.15	53	11243	6.52	ug/l	99
16) Acetone	2.45	43	9826	5.86	ug/l #	87
17) Carbon Disulfide	2.57	76	11437	1.48	ug/l	100
18) Methyl Acetate	2.78	43	5386	1.15	ug/l #	87
19) Methyl tert-butyl Ether	3.21	73	13433	1.29	ug/l	100
20) Methylene Chloride	2.86	84	5026	1.54	ug/l #	90
21) trans-1,2-Dichloroethene	3.17	96	4308	1.37	ug/l	99
22) Diisopropyl ether	3.87	45	15147	1.39	ug/l	98
23) Vinyl Acetate	3.83	43	58174	6.31	ug/l	97
24) 1,1-Dichloroethane	3.70	63	8077	1.36	ug/l	97
25) 2-Butanone	4.71	43	16548	6.64	ug/l	99
26) 2,2-Dichloropropane	4.59	77	7031	1.46	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	5153	1.46	ug/l	34
28) Bromochloromethane	5.03	49	4066	1.43	ug/l	92
29) Tetrahydrofuran	5.17	42	11112	6.96	ug/l	97
30) Chloroform	5.22	83	8411	1.38	ug/l	97
31) Cyclohexane	5.57	56	7050	1.39	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	7060	1.32	ug/l	98
36) 1,1-Dichloropropene	5.81	75	6242	1.56	ug/l	96
37) Ethyl Acetate	4.87	43	7095	1.65	ug/l #	93
38) Carbon Tetrachloride	5.79	117	6315	1.44	ug/l	96
39) Methylcyclohexane	7.46	83	7297	1.57	ug/l #	83
40) Benzene	6.15	78	18035	1.56	ug/l	99
41) Methacrylonitrile	5.07	41	3436	1.39	ug/l #	81

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.20	62	7132	1.52	ug/l	92
43) Isopropyl Acetate	6.47	43	10191	1.41	ug/l	98
44) Trichloroethene	7.21	130	5283	1.53	ug/l	98
45) 1,2-Dichloropropane	7.52	63	4864	1.58	ug/l	96
46) Dibromomethane	7.67	93	3200	1.50	ug/l	95
47) Bromodichloromethane	7.90	83	5403	1.37	ug/l	99
48) Methyl methacrylate	7.78	41	5044	1.36	ug/l	100
49) 1,4-Dioxane	7.76	88	2178	30.14	ug/l	90
51) 4-Methyl-2-Pentanone	8.65	43	27993	6.21	ug/l	100
52) Toluene	8.79	92	10662	1.44	ug/l	97
53) t-1,3-Dichloropropene	8.44	75	6066	1.36	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	5368	1.25	ug/l	92
55) 1,1,2-Trichloroethane	9.22	97	4755	1.56	ug/l	95
56) Ethyl methacrylate	9.19	69	5366	1.20	ug/l #	92
57) 1,3-Dichloropropane	9.37	76	7431	1.48	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	10537	4.90	ug/l	97
59) 2-Hexanone	9.50	43	20713	6.04	ug/l	99
60) Dibromochloromethane	9.59	129	4241	1.32	ug/l	99
61) 1,2-Dibromoethane	9.68	107	4612	1.44	ug/l	99
64) Tetrachloroethene	9.34	164	5957	1.64	ug/l	95
65) Chlorobenzene	10.14	112	13548	1.63	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	4184	1.39	ug/l	86
67) Ethyl Benzene	10.26	91	19721	1.44	ug/l	98
68) m/p-Xylenes	10.36	106	14592	2.76	ug/l	97
69) o-Xylene	10.70	106	7174	1.39	ug/l	97
70) Styrene	10.71	104	11241	1.34	ug/l	100
71) Bromoform	10.86	173	3317	1.40	ug/l #	96
73) Isopropylbenzene	11.02	105	18952	1.27	ug/l	97
74) N-amyl acetate	6.47	43	10191	1.40	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	6168	1.34	ug/l	90
76) 1,2,3-Trichloropropane	11.30	75	5651m	1.41	ug/l	
77) Bromobenzene	11.26	156	5694	1.34	ug/l	95
78) n-propylbenzene	11.36	91	20015	1.18	ug/l	96
79) 2-Chlorotoluene	11.42	91	13007	1.27	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	14893	1.19	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	1386	1.17	ug/l	84
82) 4-Chlorotoluene	11.51	91	14788	1.22	ug/l	94
83) tert-Butylbenzene	11.77	119	15292	1.24	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	15038	1.16	ug/l	94
85) sec-Butylbenzene	11.95	105	17827	1.19	ug/l	97
86) p-Isopropyltoluene	12.07	119	16027	1.19	ug/l	95
87) 1,3-Dichlorobenzene	12.03	146	11121	1.44	ug/l	95
88) 1,4-Dichlorobenzene	12.03	146	11121	1.39	ug/l	95
89) n-Butylbenzene	12.39	91	13949	1.19	ug/l	98
90) Hexachloroethane	12.60	117	2412	1.20	ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	10947	1.40	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	1278	1.24	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	7641	1.34	ug/l	99
94) Hexachlorobutadiene	13.79	225	3956	1.39	ug/l	98
95) Naphthalene	13.83	128	16993	1.12	ug/l	98

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ClientSampleId :
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	7204	1.27	ug/l	94

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

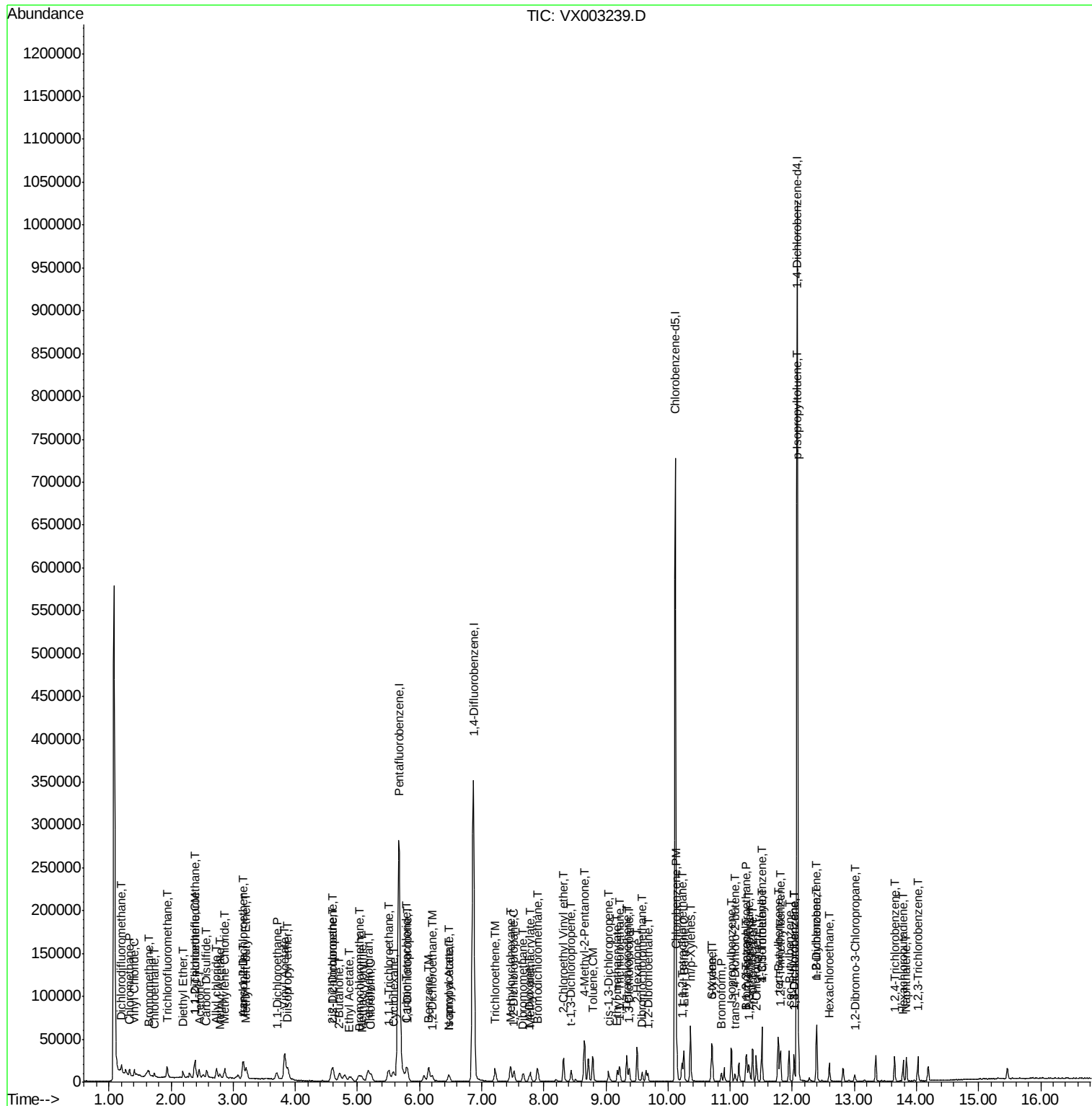
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070918\
Data File : VX003239.D
Acq On : 09 Jul 2018 11:23
Operator : JC/MD
Sample : VSTDIC001
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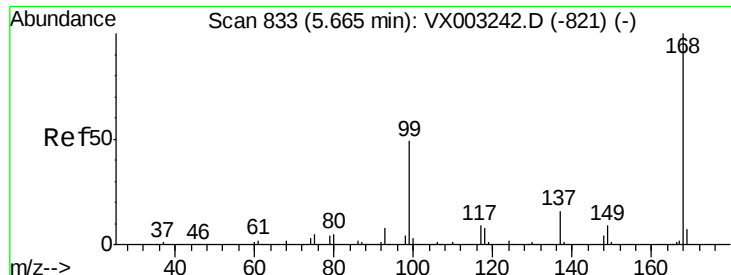
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 293180

Ion Ratio Lower Upper

168 100

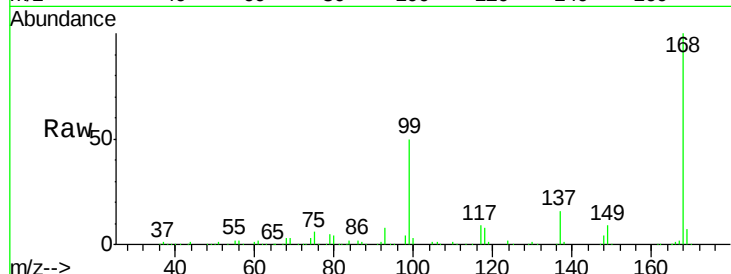
99 49.6 39.3 58.9

Manual Integrations

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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

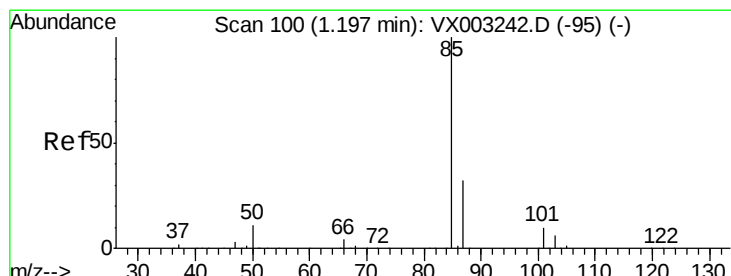
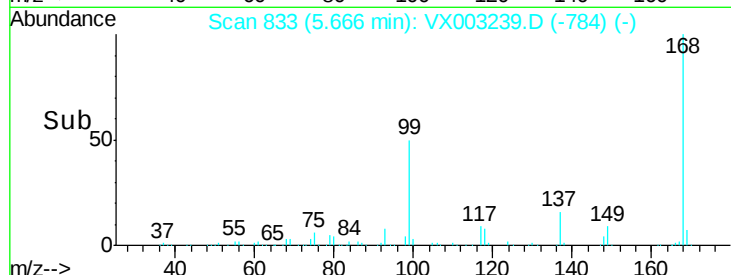
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 1.68 ug/l

RT: 1.20 min Scan# 101

Delta R.T. 0.01 min

Lab File: VX003239.D

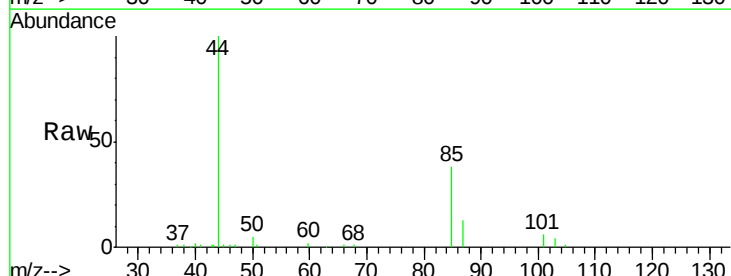
Acq: 09 Jul 2018 11:23

Tgt Ion: 85 Resp: 4906

Ion Ratio Lower Upper

85 100

87 32.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

5000

4000

3000

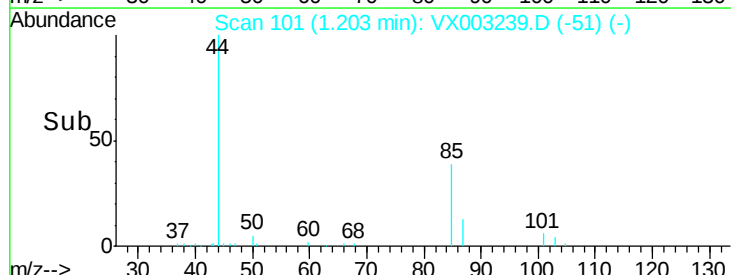
2000

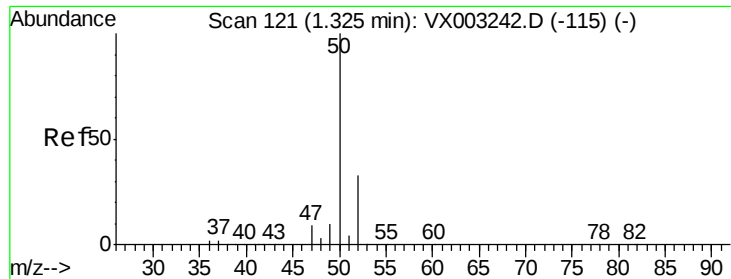
1000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 1.63 ug/l

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 4990

Ion Ratio Lower Upper

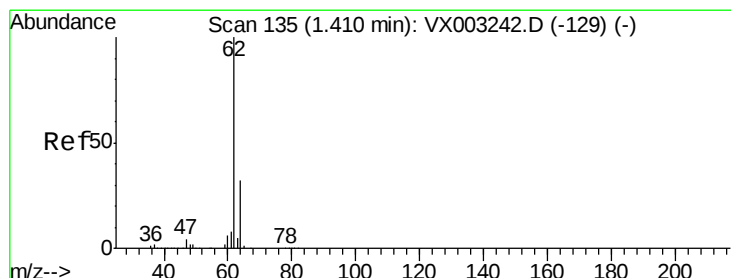
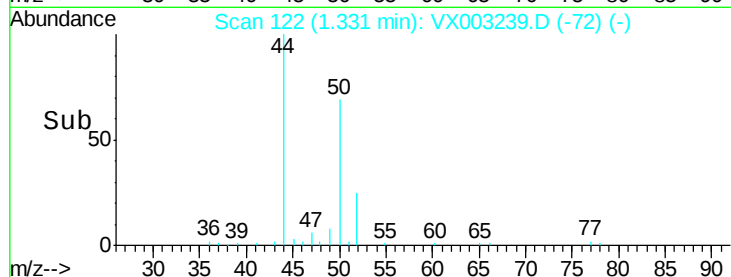
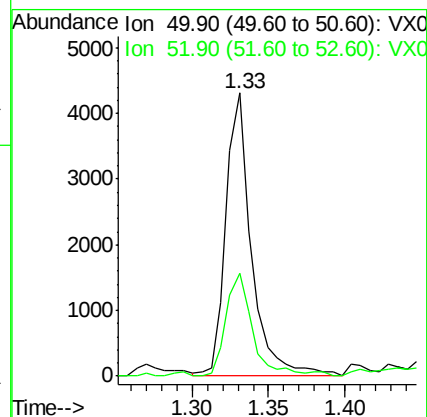
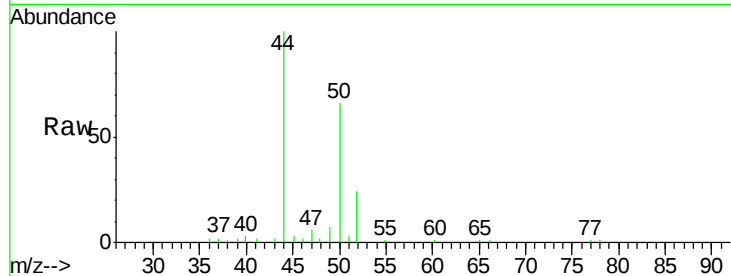
50 100

52 36.3 25.7 38.5

Manual Integrations
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#4

Vinyl Chloride

Concen: 1.44 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX003239.D

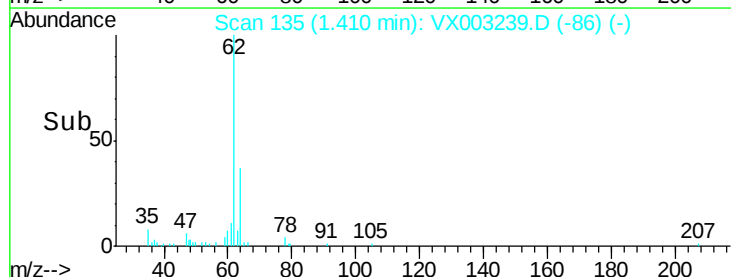
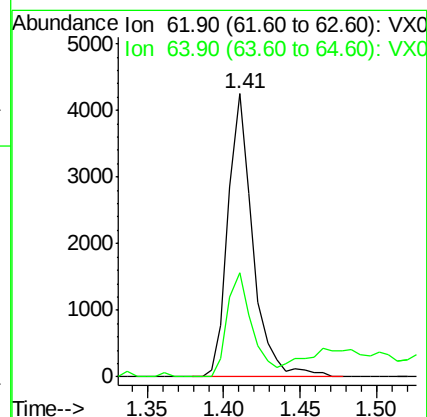
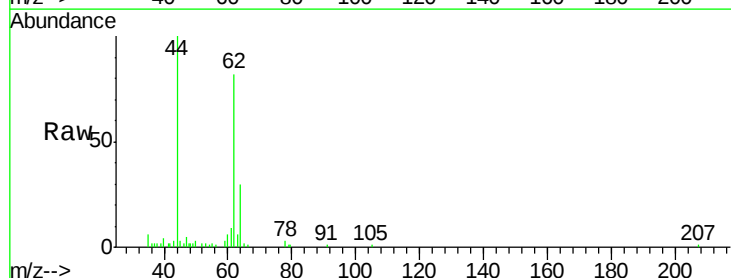
Acq: 09 Jul 2018 11:23

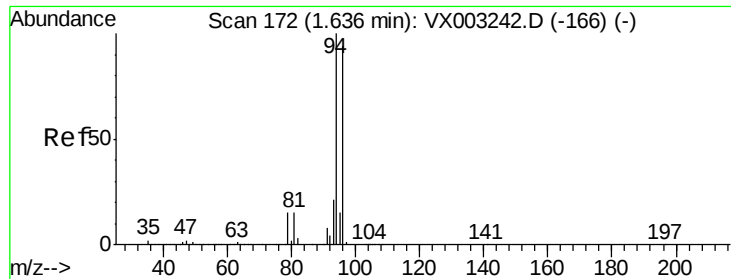
Tgt Ion: 62 Resp: 4770

Ion Ratio Lower Upper

62 100

64 36.7 25.4 38.2





#5

Bromomethane

Concen: 1.36 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 94 Resp: 2782

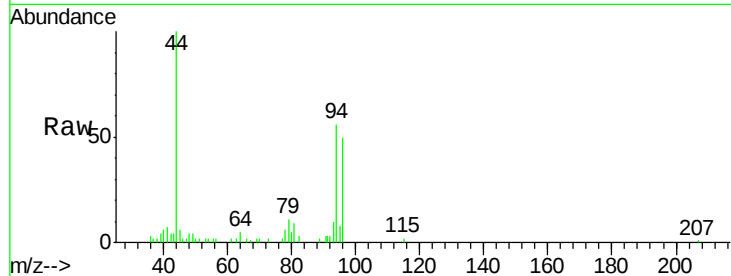
Ion Ratio Lower Upper

94 100

96 87.3 74.9 112.3

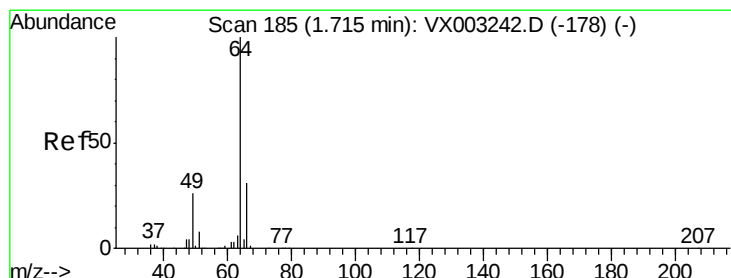
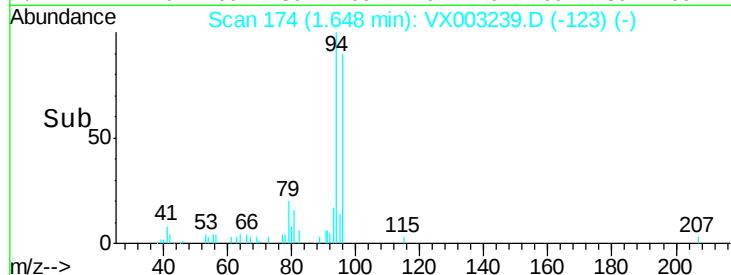
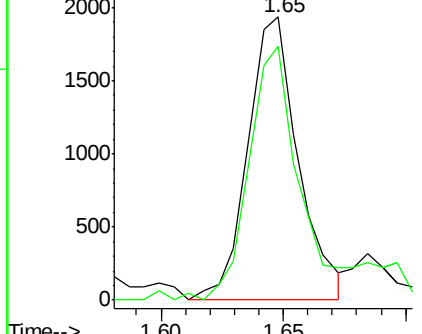
Manual Integrations
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.28 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX003239.D

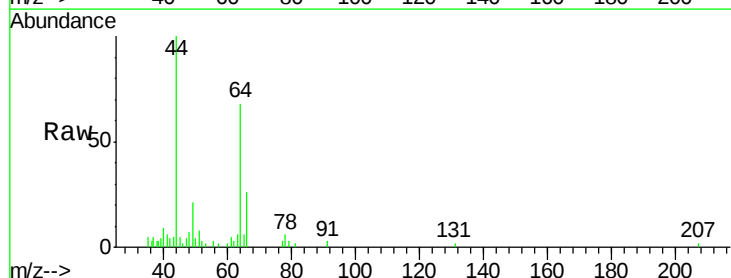
Acq: 09 Jul 2018 11:23

Tgt Ion: 64 Resp: 2832

Ion Ratio Lower Upper

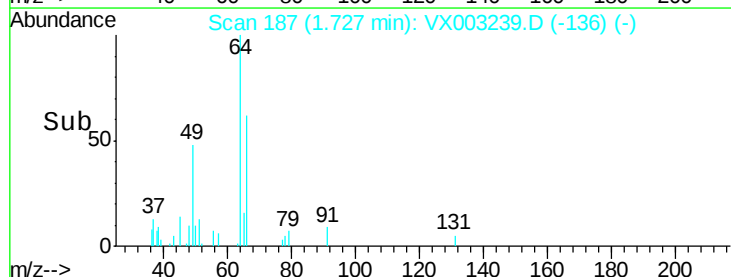
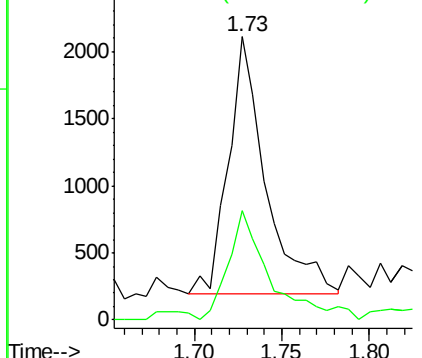
64 100

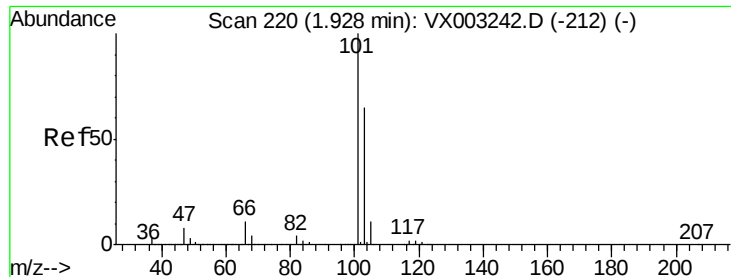
66 39.5 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

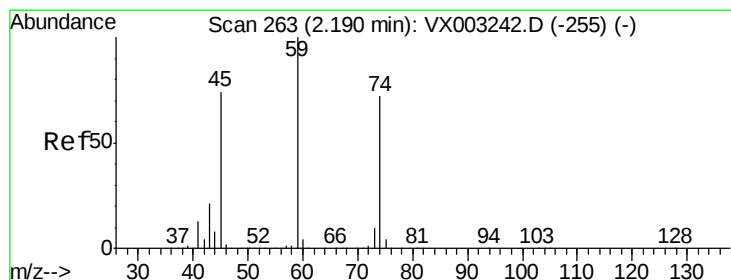
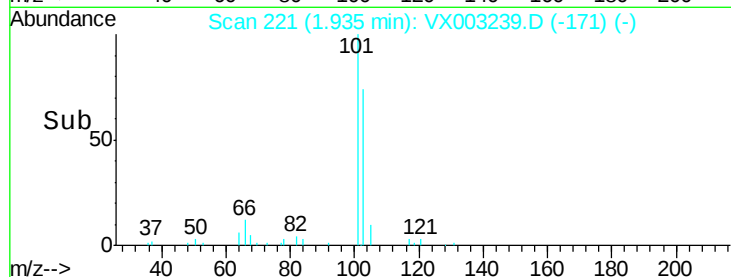
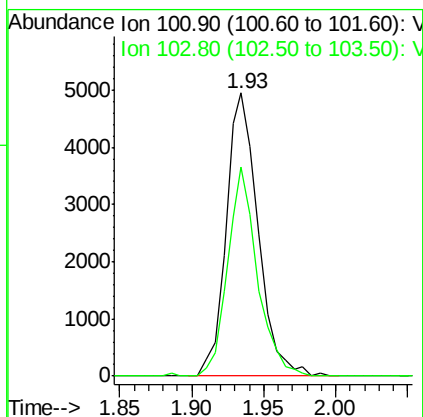
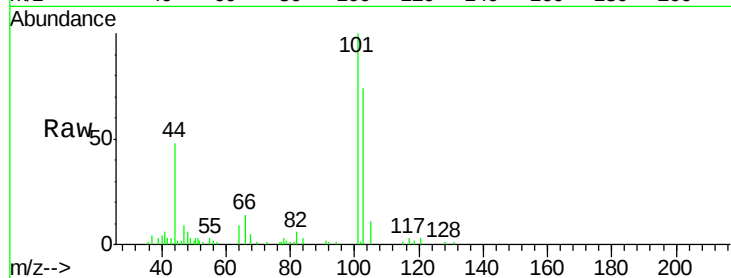
Trichlorofluoromethane
Concen: 1.37 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX003239.D
Acq: 09 Jul 2018 11:23

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	74.1	52.8	79.2

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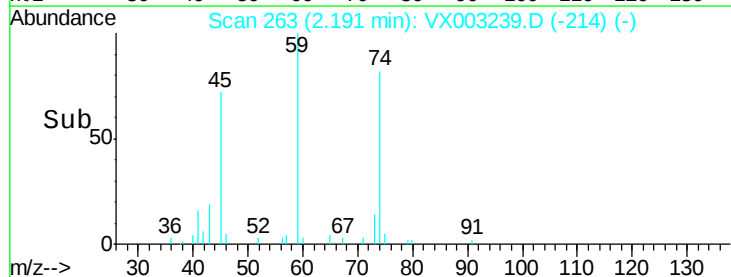
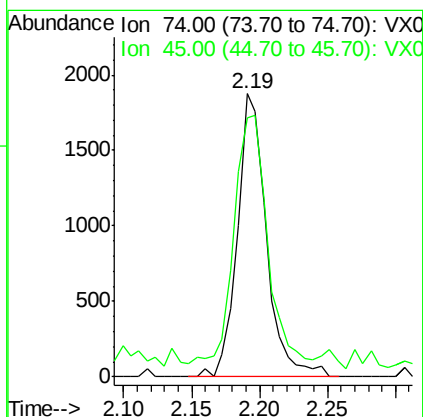
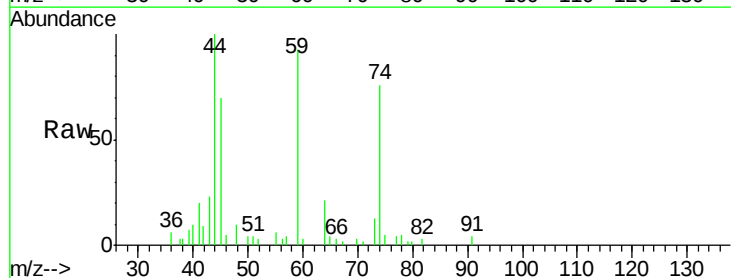
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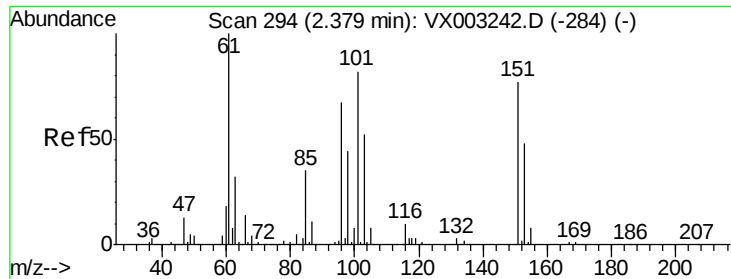


#8

Diethyl Ether
Concen: 1.37 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003239.D
Acq: 09 Jul 2018 11:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.2	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.41 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Instrument :

MSVOA_X

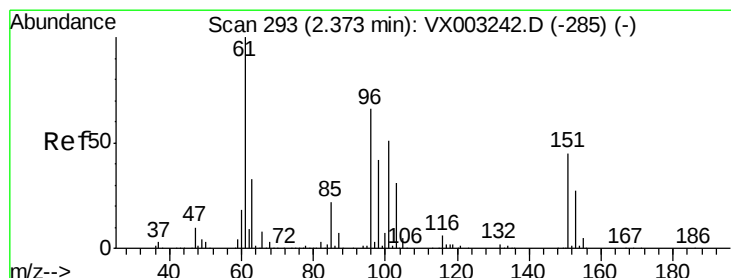
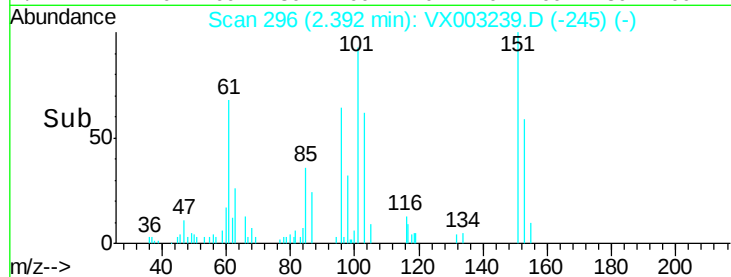
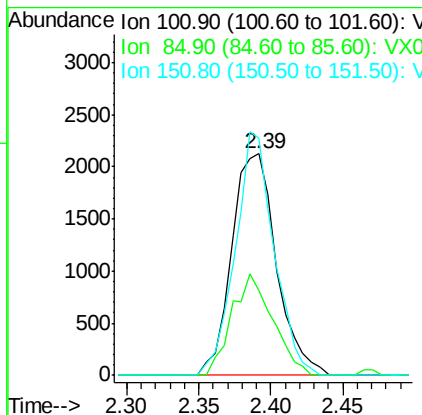
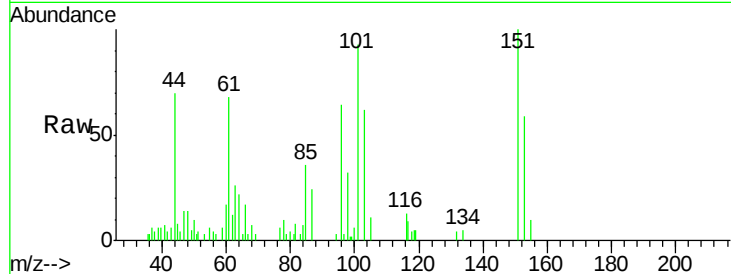
ClientSampleId :

VSTDIC001

Tot Ion:	101	Resp:	4583
Ion Ratio	Lower	Upper	
101	100		
85	42.0	36.0	54.0
151	95.2	70.9	106.3

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#12

1,1-Dichloroethene

Concen: 1.46 ug/l

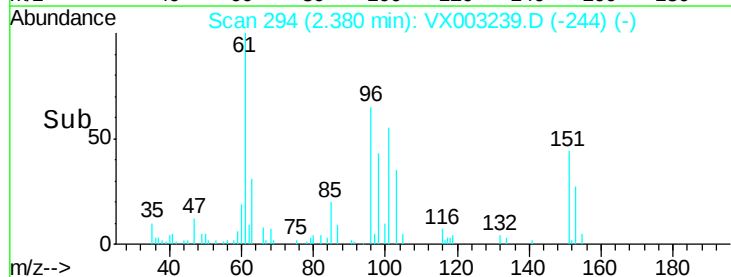
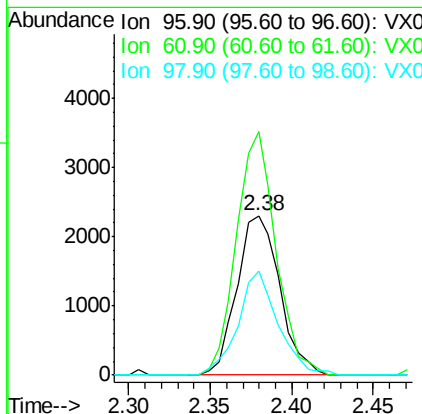
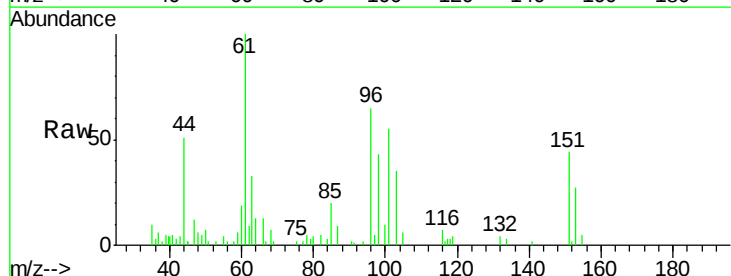
RT: 2.38 min Scan# 294

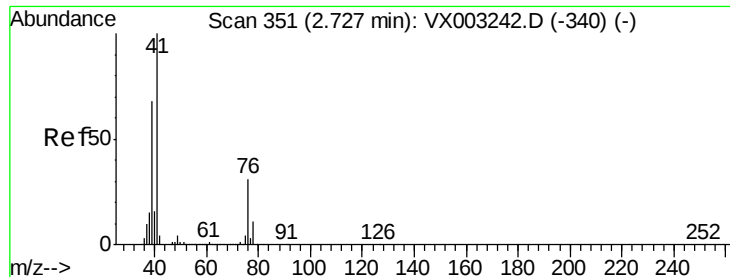
Delta R.T. 0.01 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Tgt Ion:	96	Resp:	4214
Ion Ratio	Lower	Upper	
96	100		
61	153.0	137.9	206.9
98	65.1	51.6	77.4





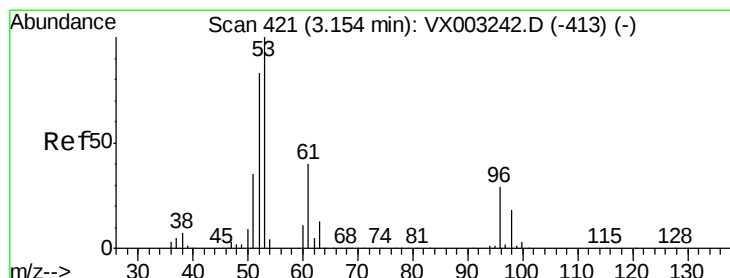
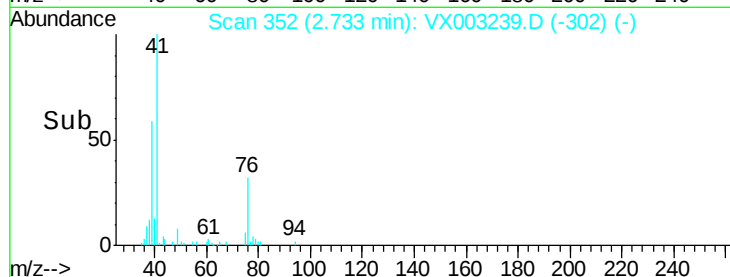
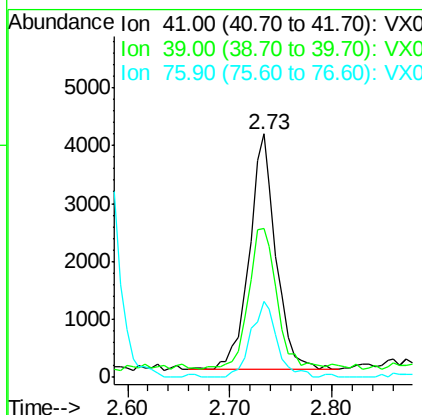
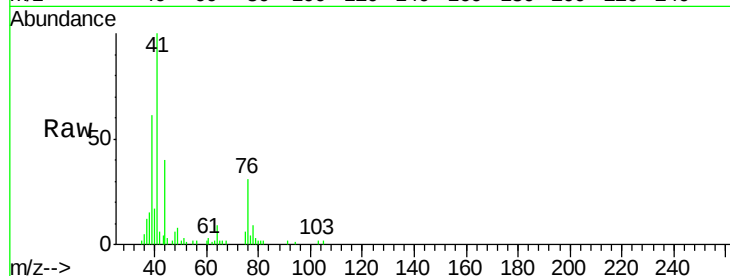
#14
Allvl chloride
Concen: 1.30 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX003239.D
Acq: 09 Jul 2018 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
39	63.7	56.8	85.2
76	31.7	23.8	35.8

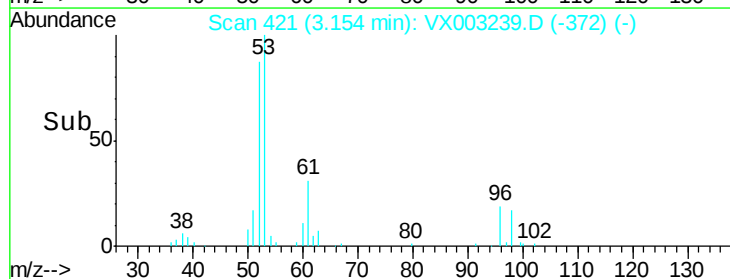
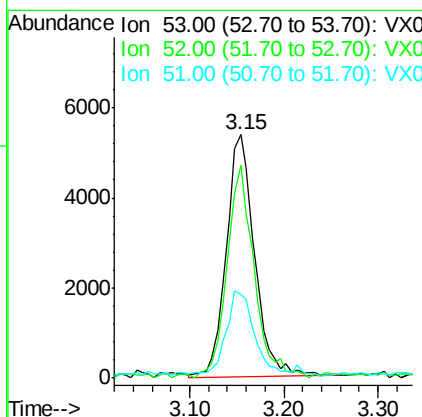
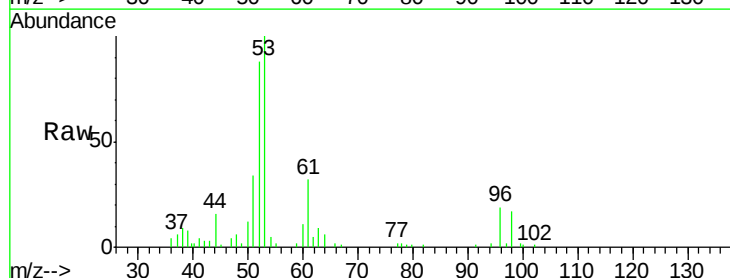
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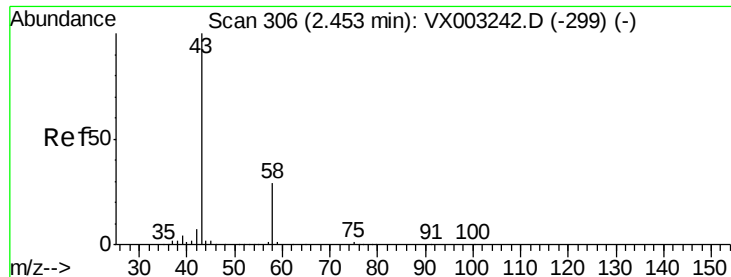
MMDadoda
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#15
Acrylonitrile
Concen: 6.52 ug/l
RT: 3.15 min Scan# 421
Delta R.T. 0.00 min
Lab File: VX003239.D
Acq: 09 Jul 2018 11:23

Tgt Ion	Ratio	Lower	Upper
53	100		
52	84.3	66.7	100.1
51	35.9	29.9	44.9





#16

Acetone

Concen: 5.86 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 9826

Ion Ratio Lower Upper

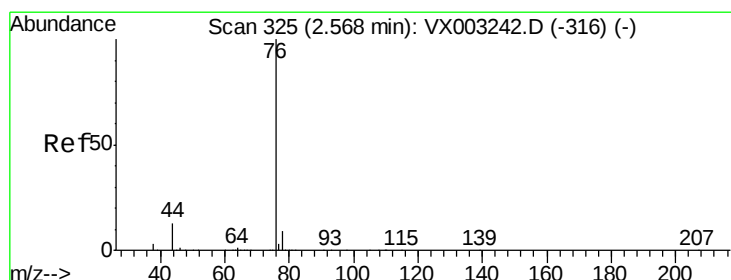
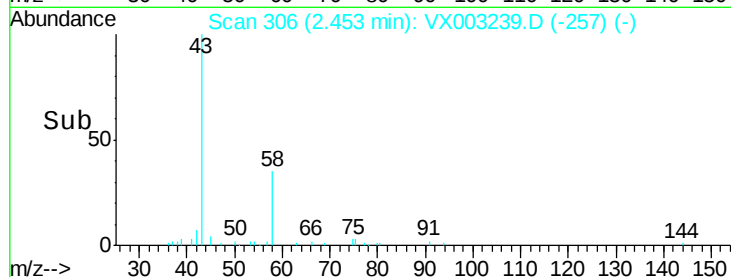
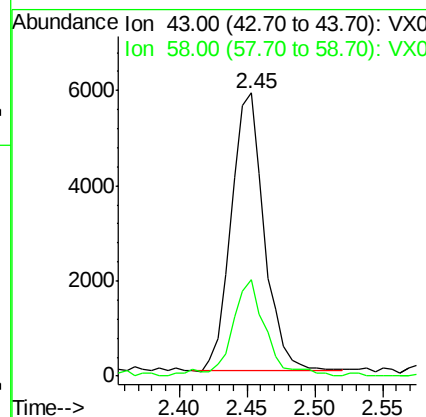
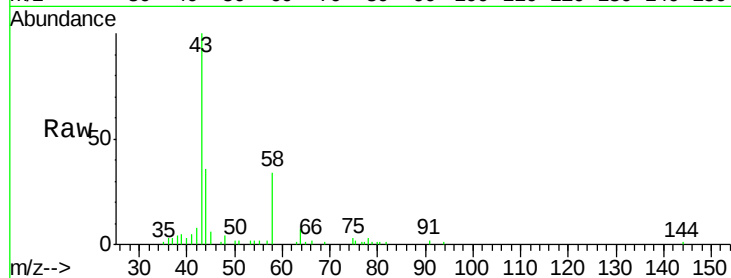
43 100

58 34.6 22.1 33.1#

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#17

Carbon Disulfide

Concen: 1.48 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX003239.D

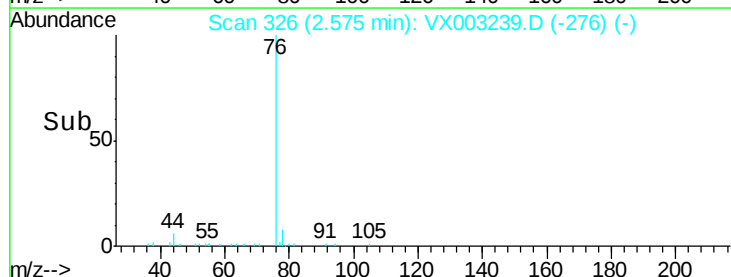
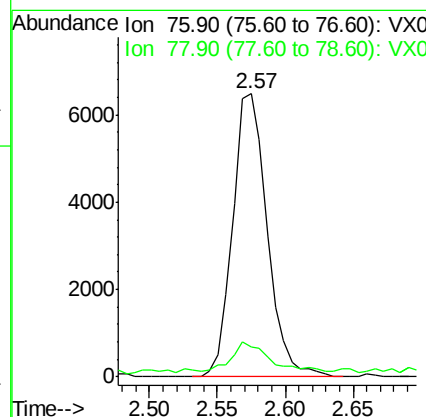
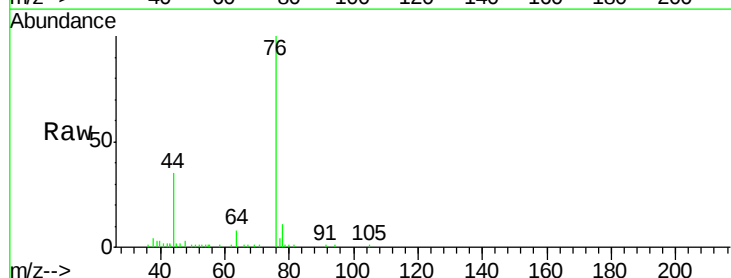
Acq: 09 Jul 2018 11:23

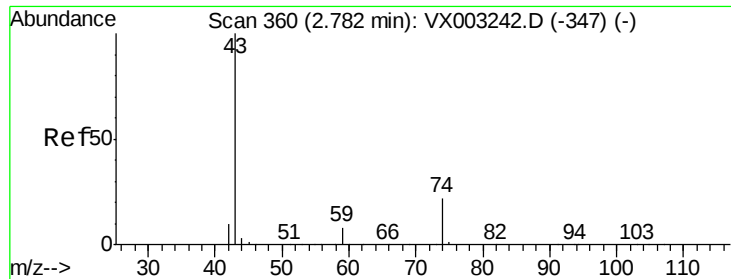
Tgt Ion: 76 Resp: 11437

Ion Ratio Lower Upper

76 100

78 8.4 6.9 10.3





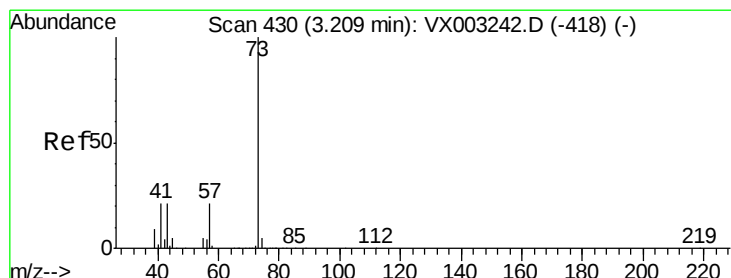
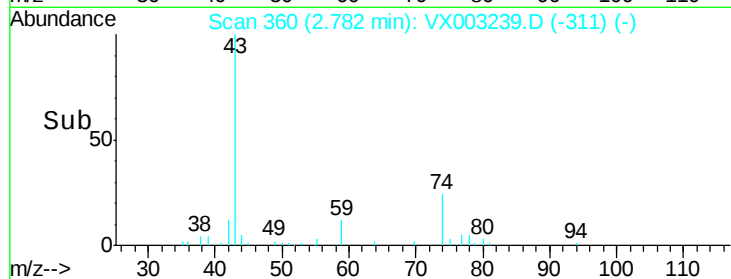
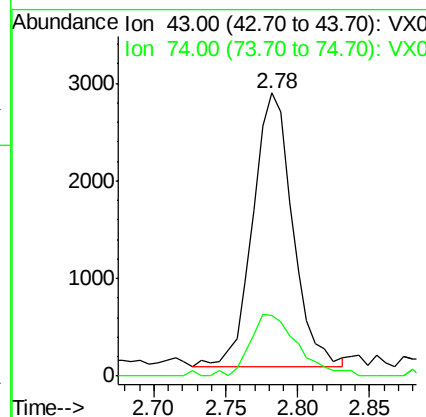
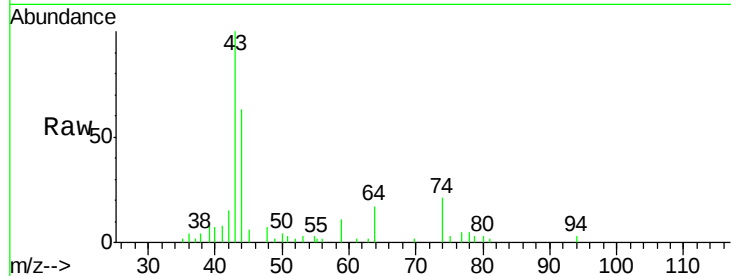
#18
Methyl Acetate
Concen: 1.15 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003239.D
Acq: 09 Jul 2018 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 43 Resp: 5386
Ion Ratio Lower Upper
43 100
74 27.0 16.7 25.1#

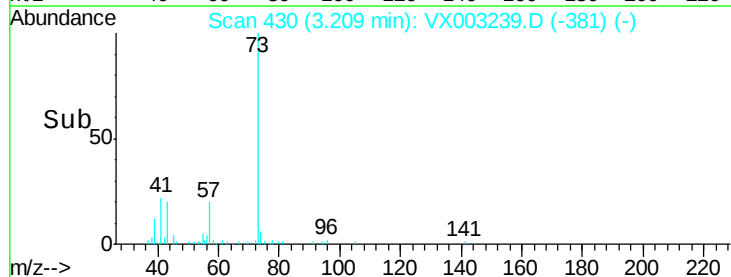
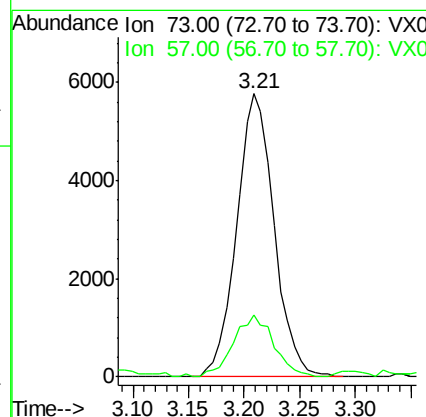
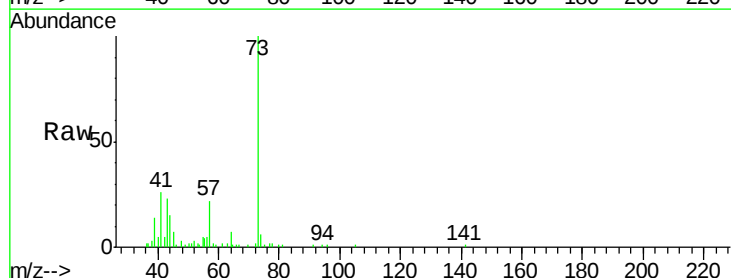
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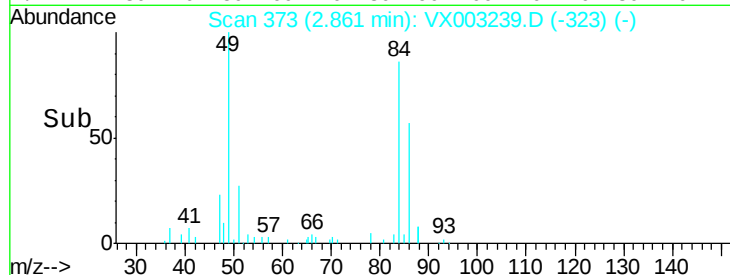
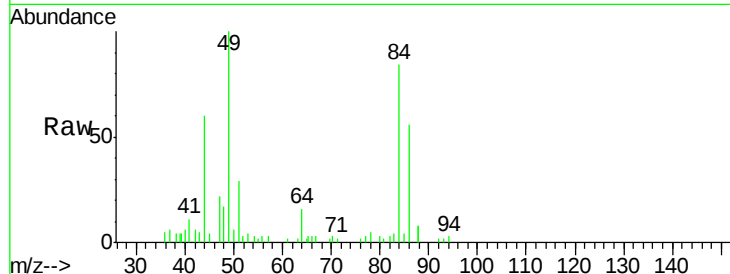
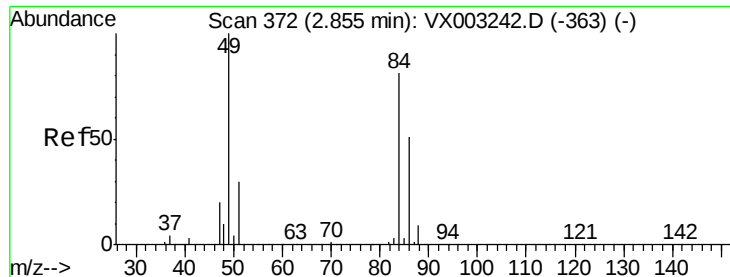
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#19
Methyl tert-butyl Ether
Concen: 1.29 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003239.D
Acq: 09 Jul 2018 11:23

Tgt Ion: 73 Resp: 13433
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5





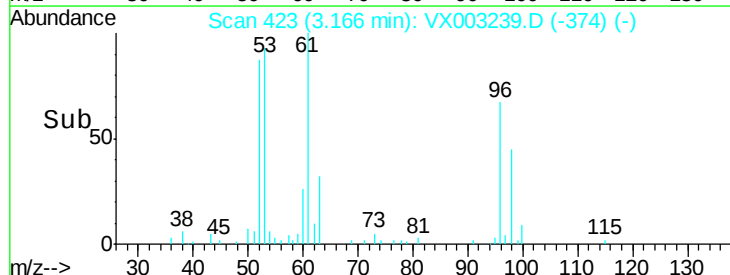
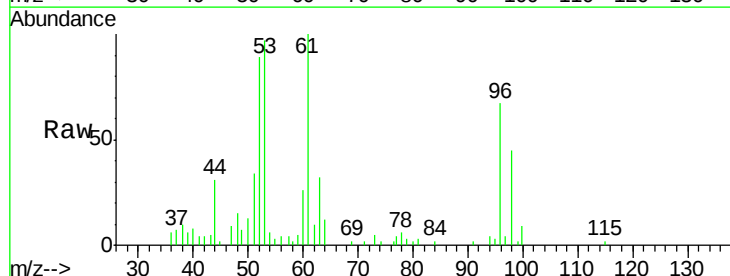
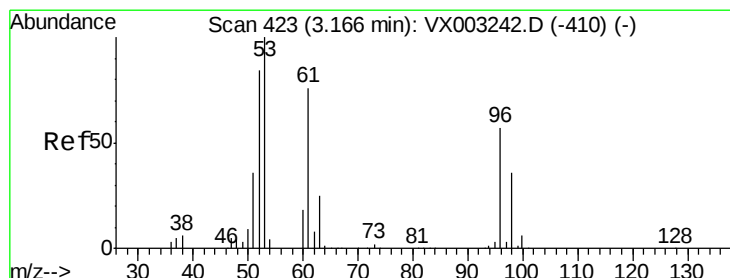
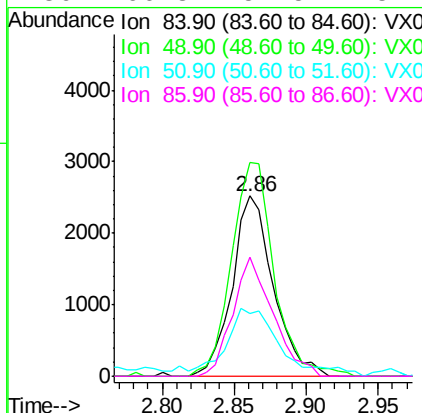
#20
Methvlene Chloride
Concen: 1.54 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003239.D
Acq: 09 Jul 2018 11:23

Tot Ion:	84	Resp:	5026
Ion	Ratio	Lower	Upper
84	100		
49	118.7	107.8	161.6
51	32.0	32.8	49.2#
86	66.3	52.5	78.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

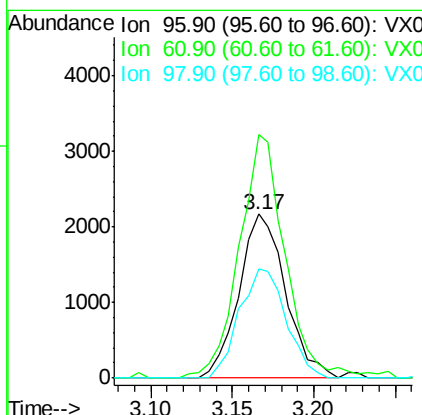
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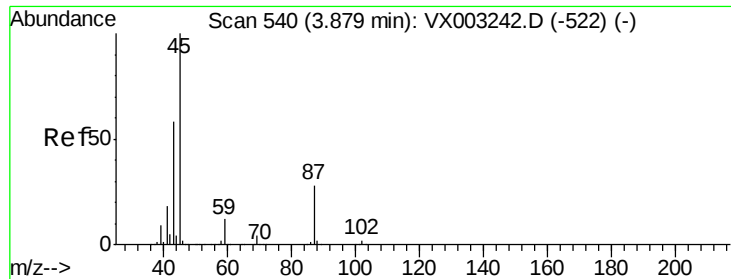
MMDadoda
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#21
trans-1,2-Dichloroethene
Concen: 1.37 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX003239.D
Acq: 09 Jul 2018 11:23

Tgt Ion:	96	Resp:	4308
Ion	Ratio	Lower	Upper
96	100		
61	146.0	117.0	175.4
98	66.8	52.4	78.6





#22

Diisopropyl ether

Concen: 1.39 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Instrument :

MSVOA_X

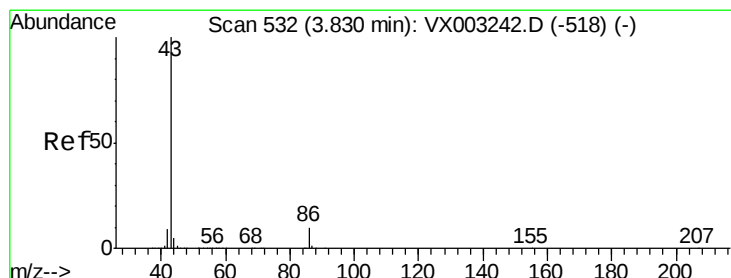
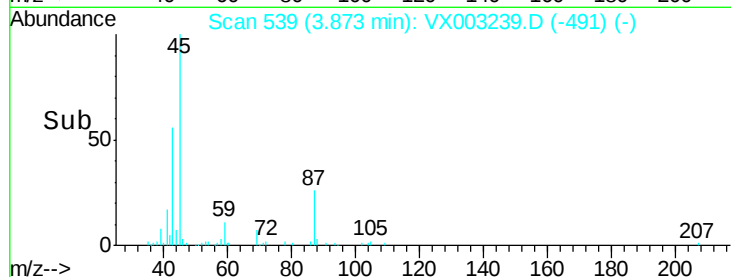
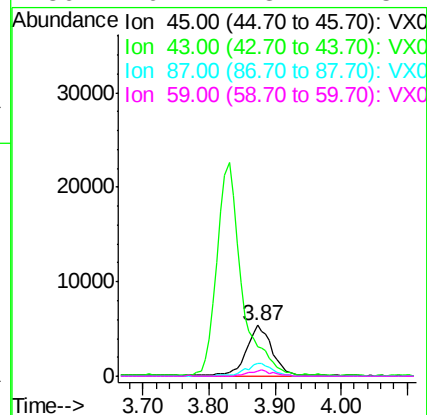
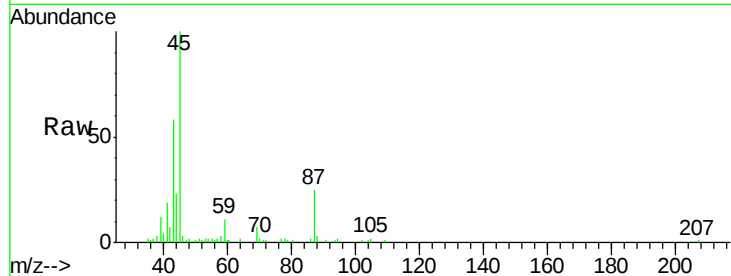
ClientSampleId :

VSTDIC001

Tot Ion:	45	Resp:	15147
Ion	Ratio	Lower	Upper
45	100		
43	55.9	46.8	70.2
87	25.5	20.2	30.4
59	10.7	8.7	13.1

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#23

Vinyl Acetate

Concen: 6.31 ug/l

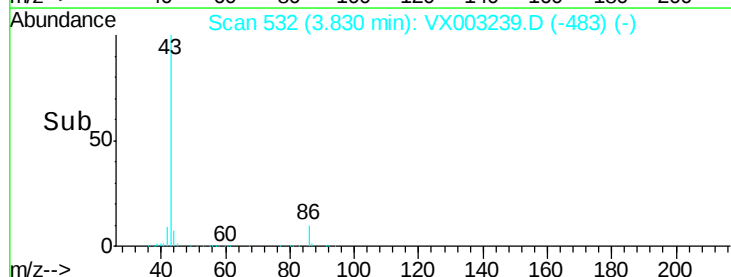
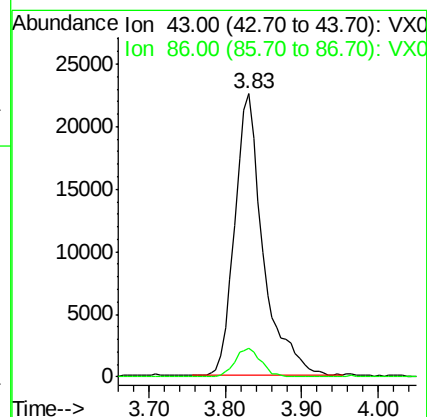
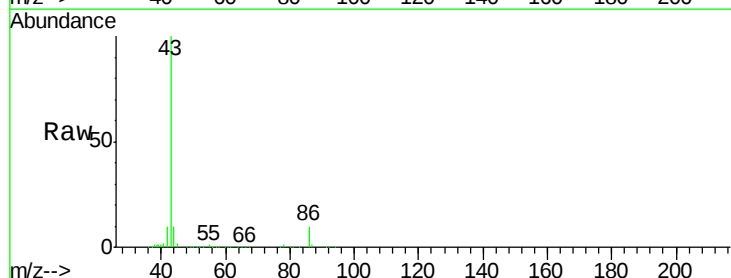
RT: 3.83 min Scan# 532

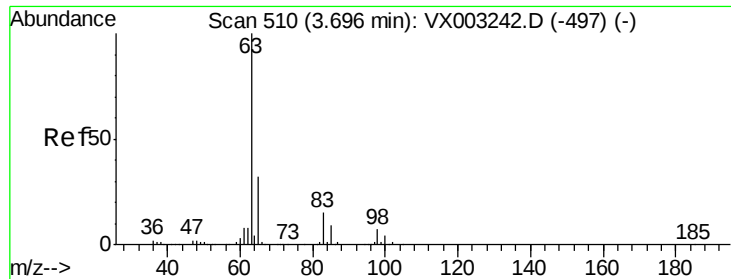
Delta R.T. 0.00 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Tgt Ion:	43	Resp:	58174
Ion	Ratio	Lower	Upper
43	100		
86	10.2	7.4	11.0





#24

1,1-Dichloroethane

Concen: 1.36 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Instrument :

MSVOA_X

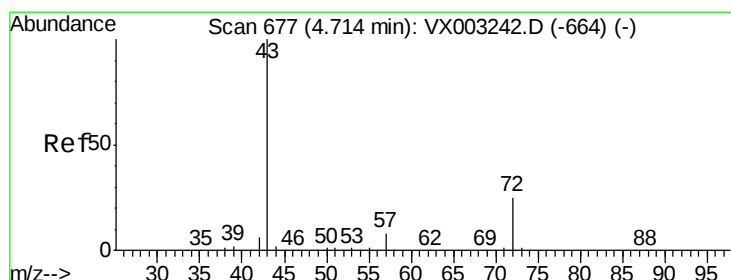
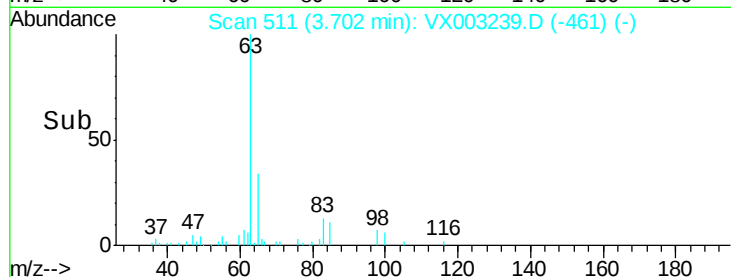
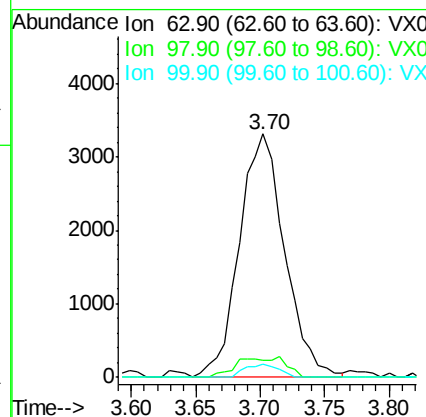
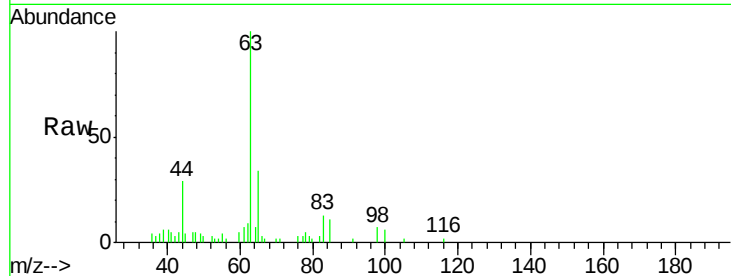
ClientSampleId :

VSTDIC001

Tot Ion:	63	Resp:	8077
Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.4	10.2
100	5.6	2.0	6.0

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#25

2-Butanone

Concen: 6.64 ug/l

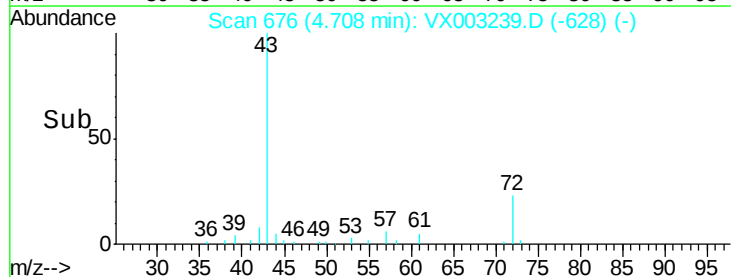
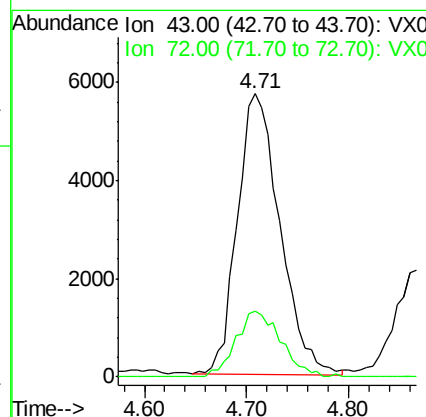
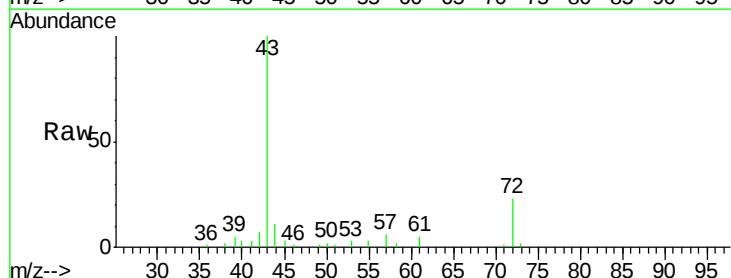
RT: 4.71 min Scan# 676

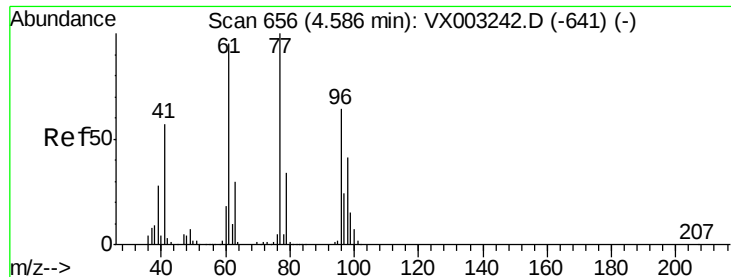
Delta R.T. -0.01 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Tgt Ion:	43	Resp:	16548
Ion	Ratio	Lower	Upper
43	100		
72	23.3	18.5	27.7





#26

2,2-Dichloropropane

Concen: 1.46 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 77 Resp: 7031

Ion Ratio Lower Upper

77 100

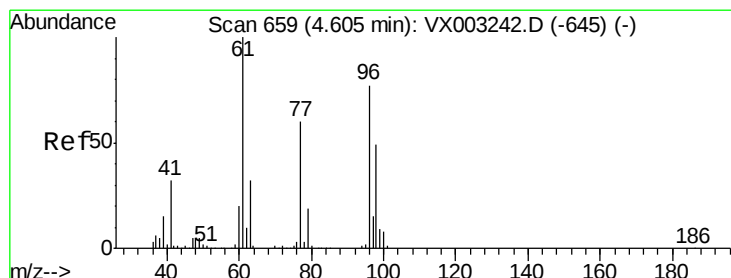
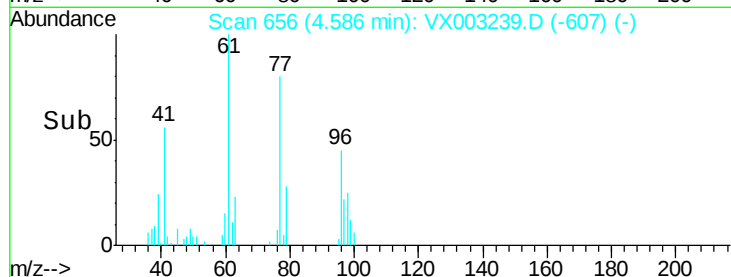
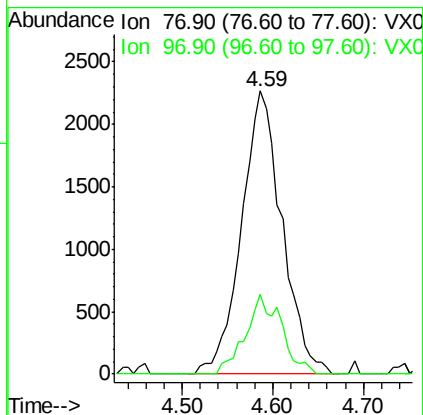
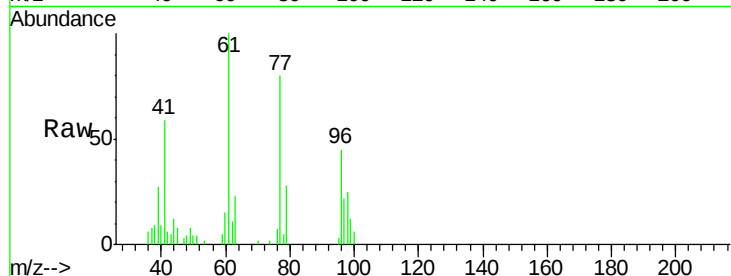
97 24.9 11.2 33.5

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#27

cis-1,2-Dichloroethene

Concen: 1.46 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

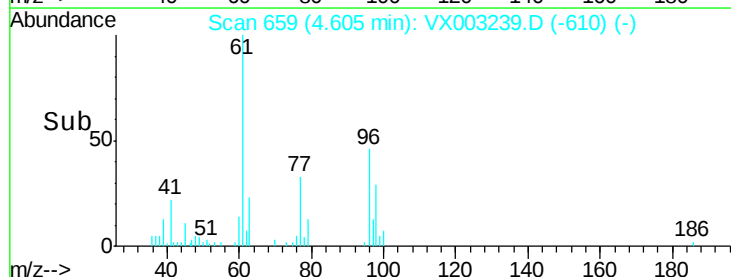
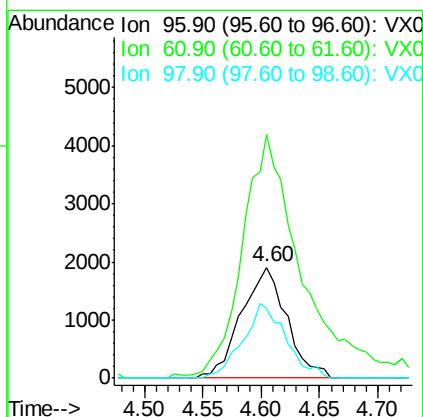
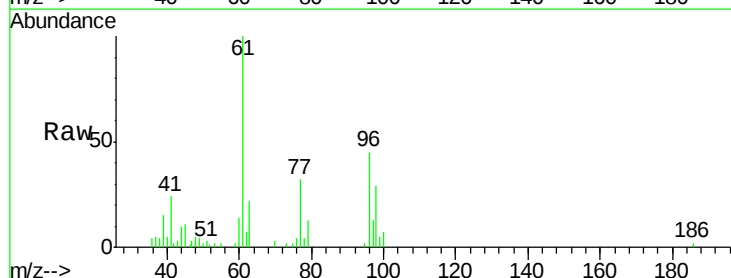
Tgt Ion: 96 Resp: 5153

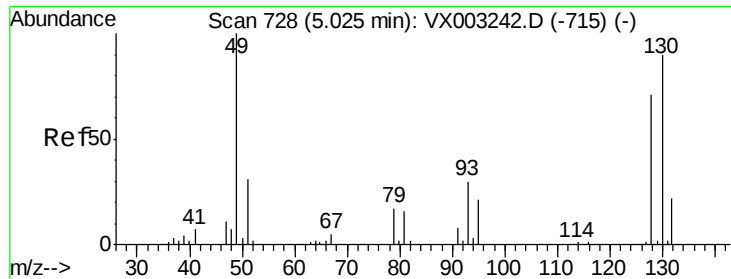
Ion Ratio Lower Upper

96 100

61 288.4 0.0 330.2

98 63.9 0.0 130.2





#28

Bromochloromethane

Concen: 1.43 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Instrument :

MSVOA_X

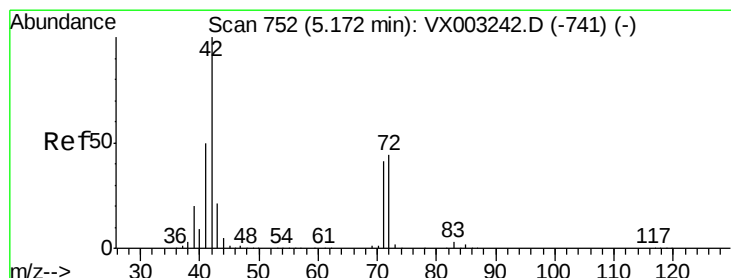
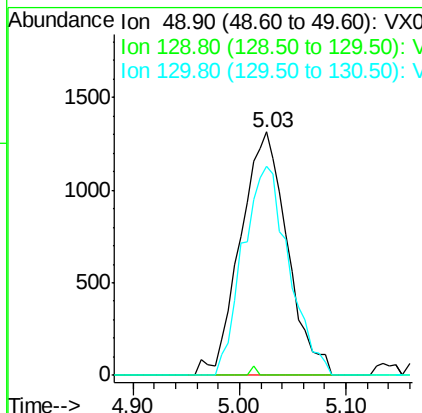
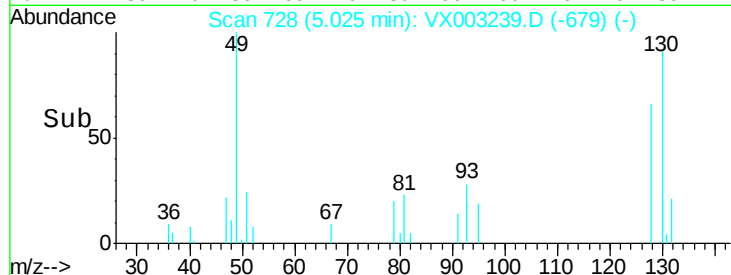
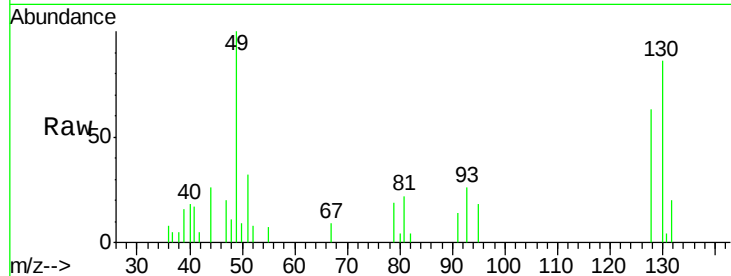
ClientSampleId :

VSTDIC001

Tot Ion:	49	Resp:	4066
Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	4.2
130	83.8	61.2	91.8

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#29

Tetrahydrofuran

Concen: 6.96 ug/l

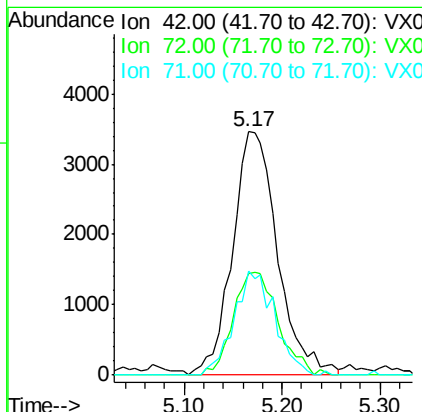
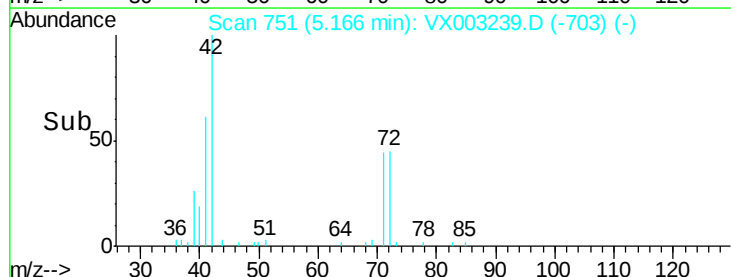
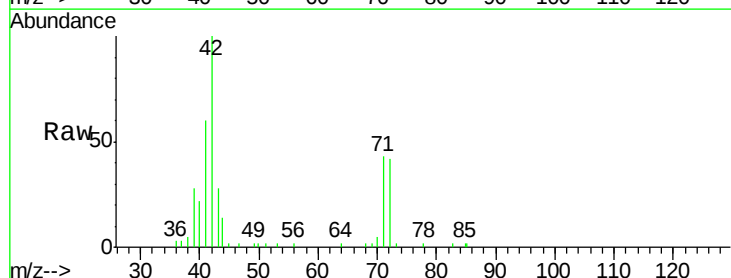
RT: 5.17 min Scan# 751

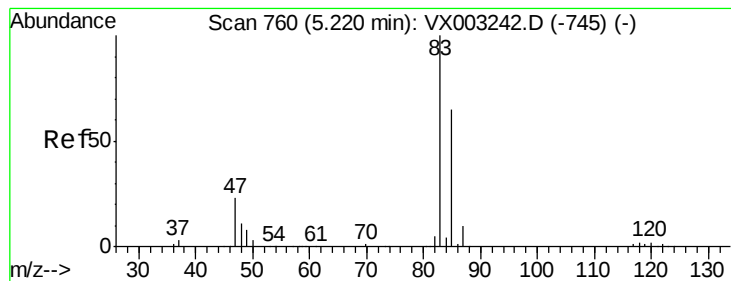
Delta R.T. -0.01 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Tgt Ion:	42	Resp:	11112
Ion	Ratio	Lower	Upper
42	100		
72	42.1	32.0	48.0
71	38.6	30.1	45.1





#30

Chloroform

Concen: 1.38 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 83 Resp: 8411

Ion Ratio Lower Upper

83 100

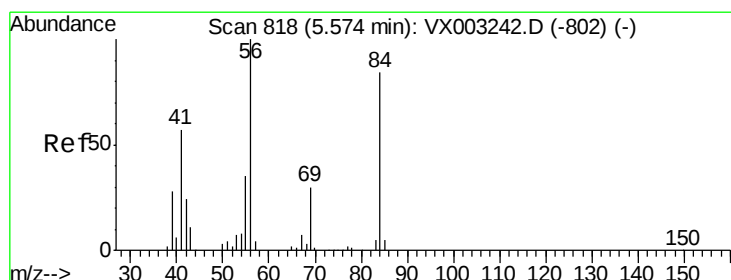
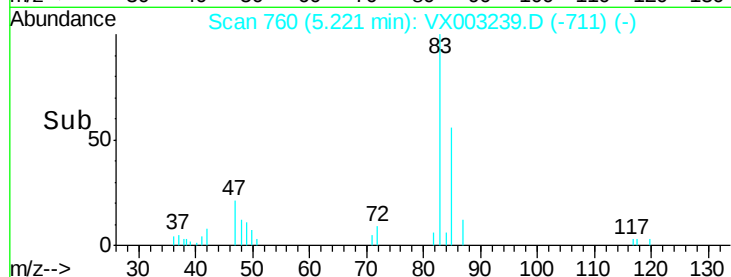
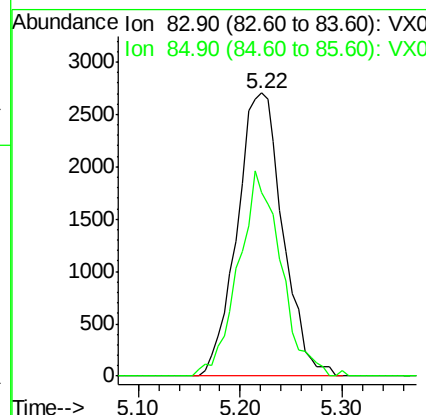
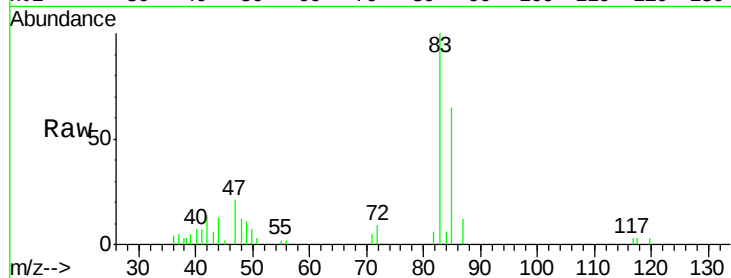
85 65.0 50.4 75.6

Manual Integrations

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#31

Cyclohexane

Concen: 1.39 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

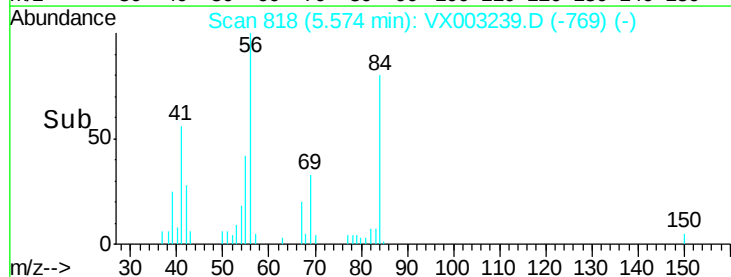
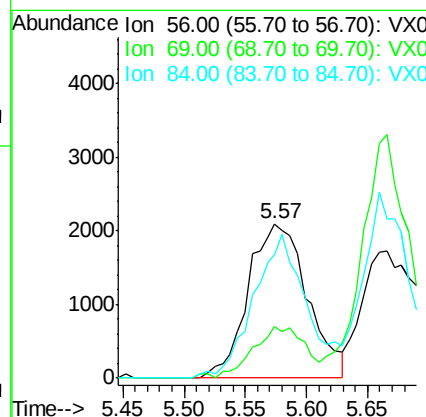
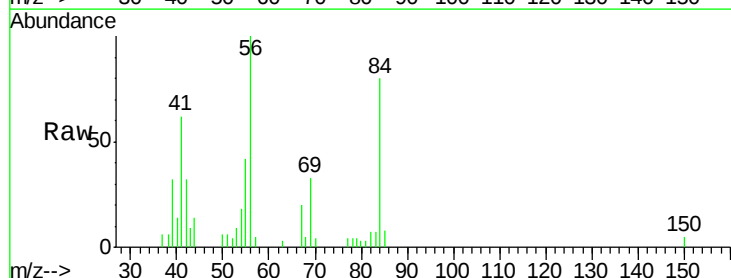
Tgt Ion: 56 Resp: 7050

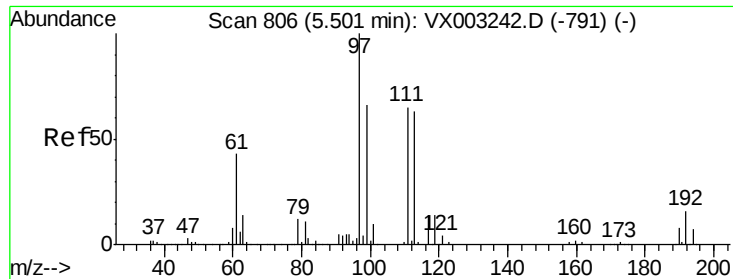
Ion Ratio Lower Upper

56 100

69 33.3 23.7 35.5

84 79.8 64.1 96.1





#32

1,1,1-Trichloroethane

Concen: 1.32 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Instrument :

MSVOA_X

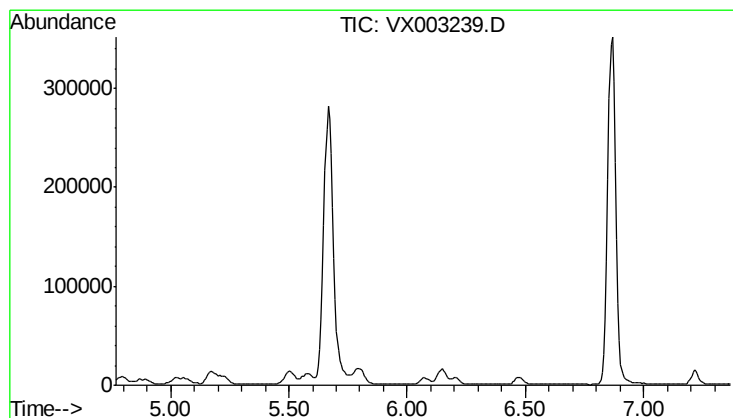
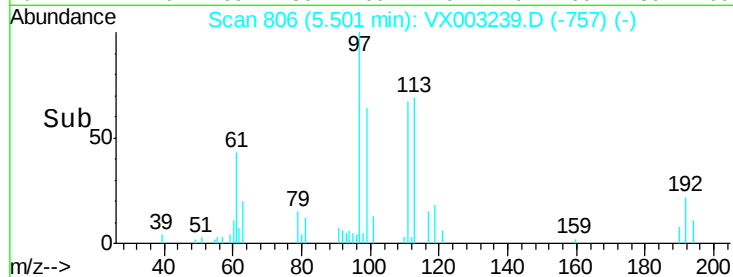
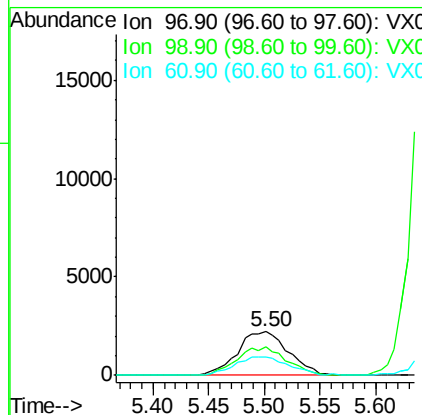
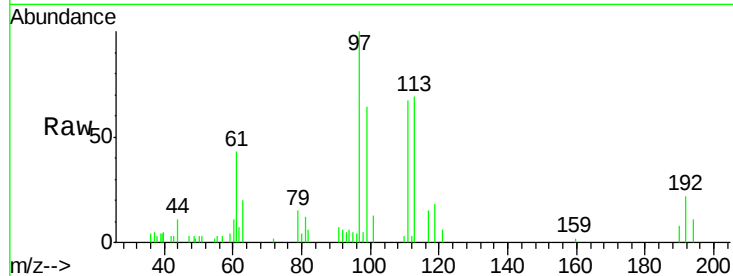
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	7060
Ion	Ratio	Lower	Upper
97	100		
99	62.4	51.6	77.4
61	44.6	36.4	54.6

Manual Integrations
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#33

1,2-Dichloroethane-d4

Concen: 0.00 ug/l

Expected RT: 6.07 min

Lab File: VX003239.D

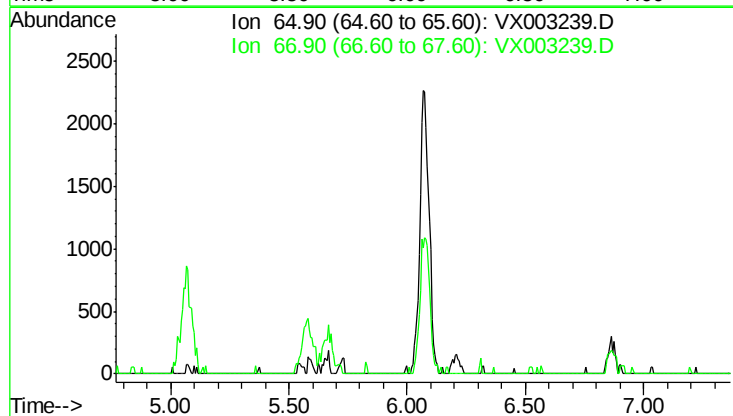
Acq: 09 Jul 2018 11:23

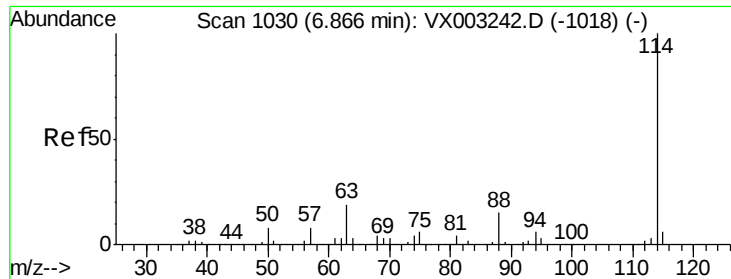
Tgt Ion: 65

Sig Exp Ratio

65 100

67 51.3





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Instrument :

MSVOA_X

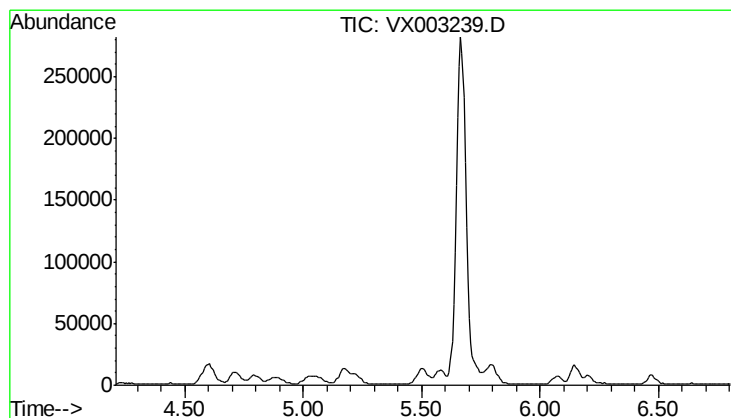
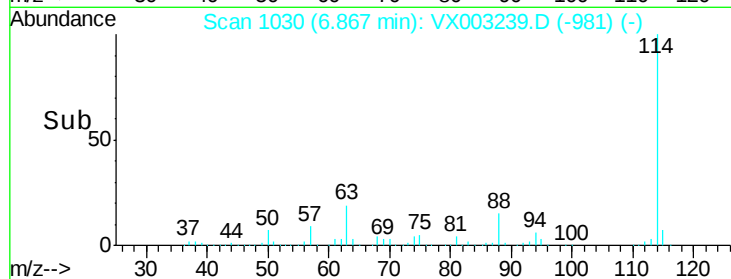
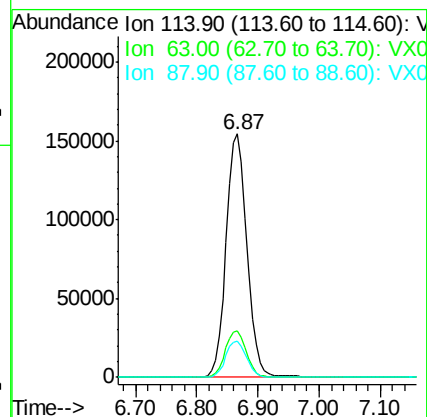
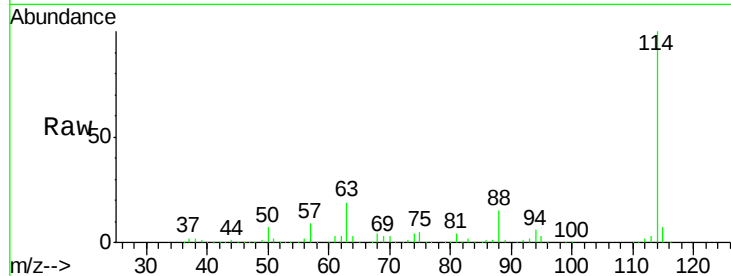
ClientSampleId :

VSTDIC001

Tot Ion:	114	Resp:	363973
Ion Ratio	Lower	Upper	
114	100		
63	19.3	0.0	41.4
88	15.0	0.0	30.0

Manual Integrations
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#35

Dibromofluoromethane

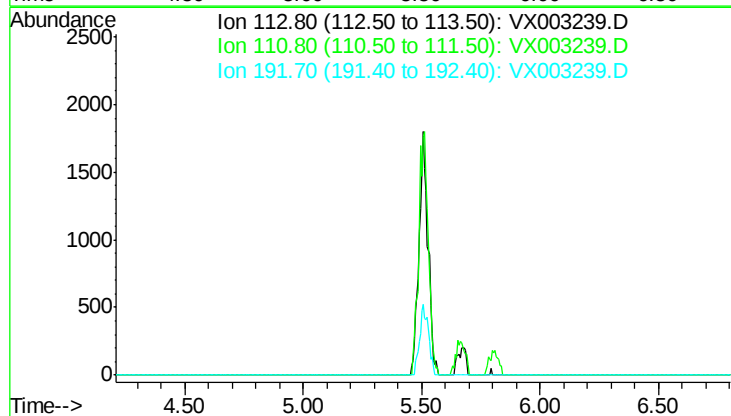
Concen: 0.00 ug/l

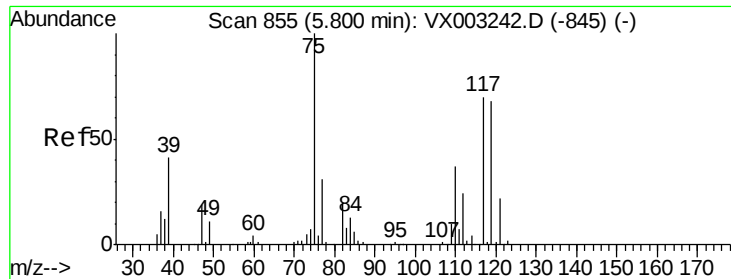
Expected RT: 5.51 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Tgt Ion:	113
Sig	Exp Ratio
113	100
111	101.7
192	23.9





#36

1,1-Dichloropropene

Concen: 1.56 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.01 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Instrument :

MSVOA_X

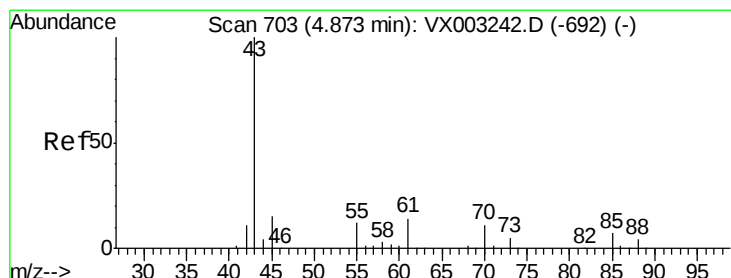
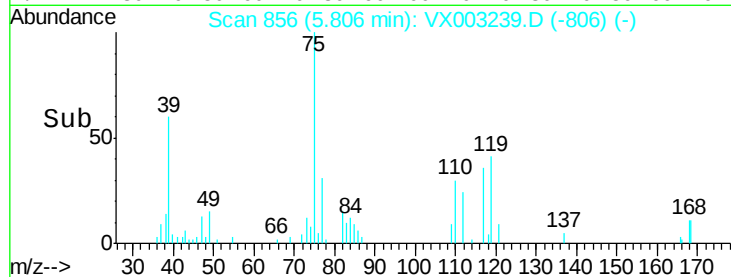
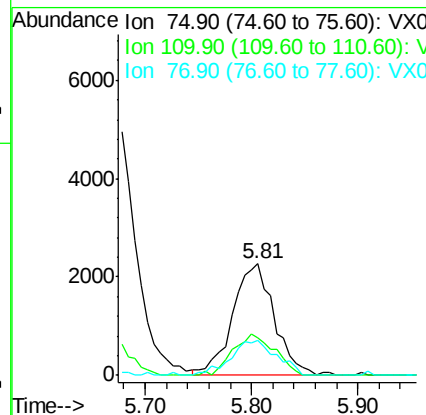
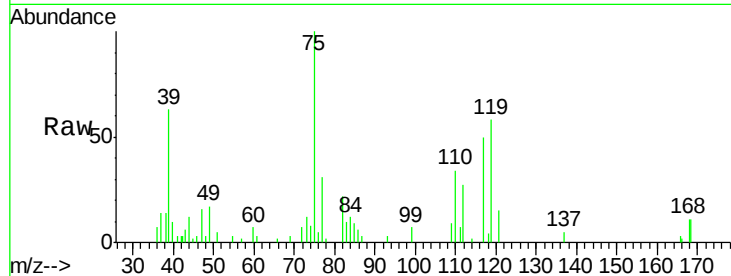
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	6242
Ion	Ratio	Lower	Upper
75	100		
110	36.7	18.1	54.4
77	34.4	24.3	36.5

Manual Integrations
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#37

Ethyl Acetate

Concen: 1.65 ug/l

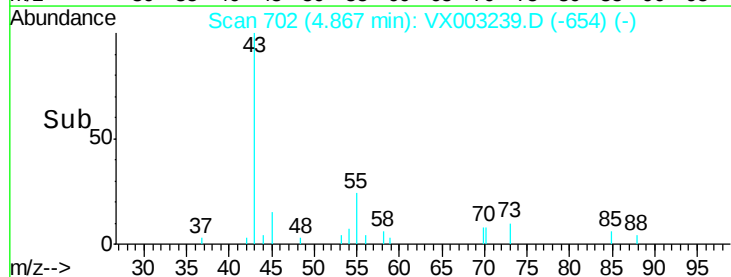
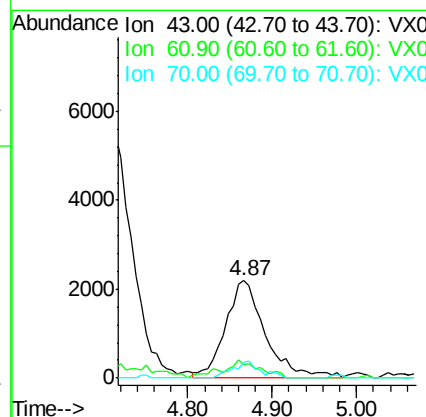
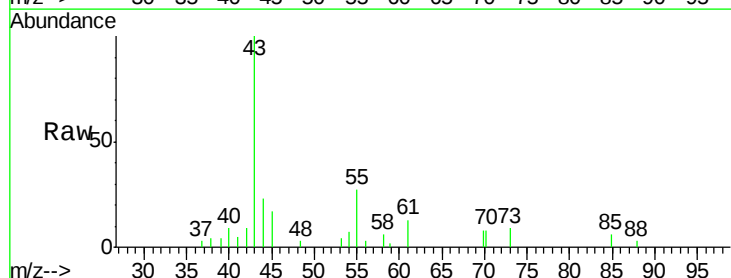
RT: 4.87 min Scan# 702

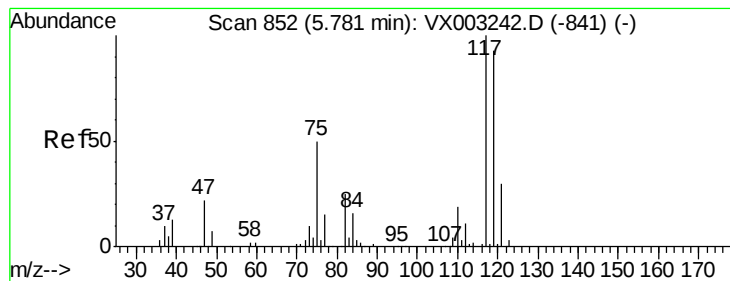
Delta R.T. -0.01 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Tgt Ion:	43	Resp:	7095
Ion	Ratio	Lower	Upper
43	100		
61	17.4	10.4	15.6#
70	10.4	7.6	11.4





#38

Carbon Tetrachloride

Concen: 1.44 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.01 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Instrument :

MSVOA_X

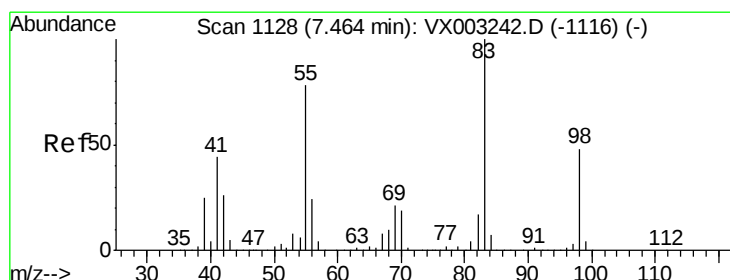
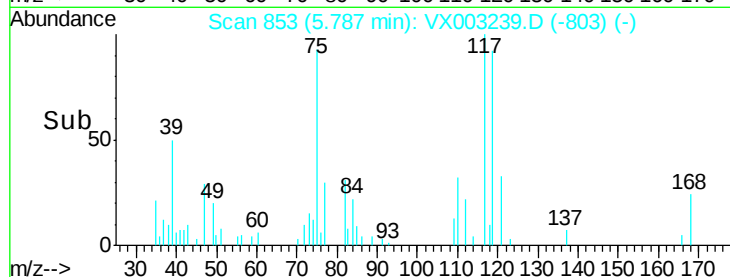
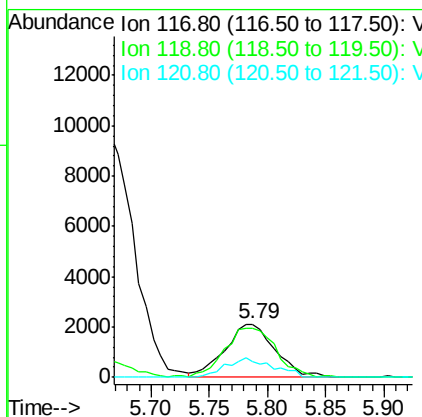
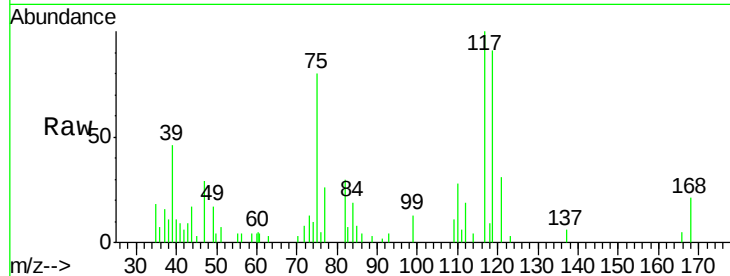
ClientSampleId :

VSTDIC001

Tot Ion:	117	Resp:	6315
Ion	Ratio	Lower	Upper
117	100		
119	91.3	77.4	116.0
121	30.6	24.4	36.6

Manual Integrations
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#39

Methylcyclohexane

Concen: 1.57 ug/l

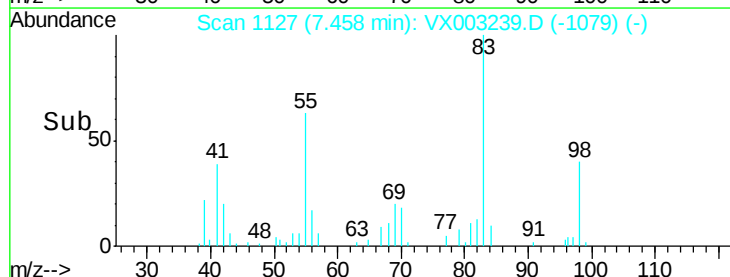
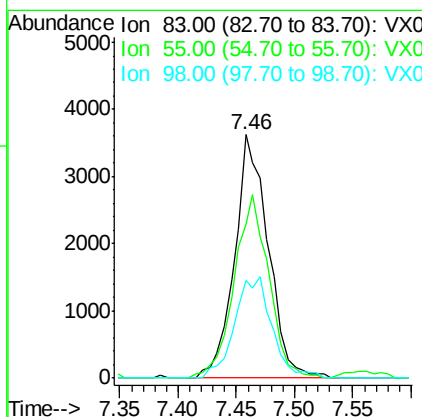
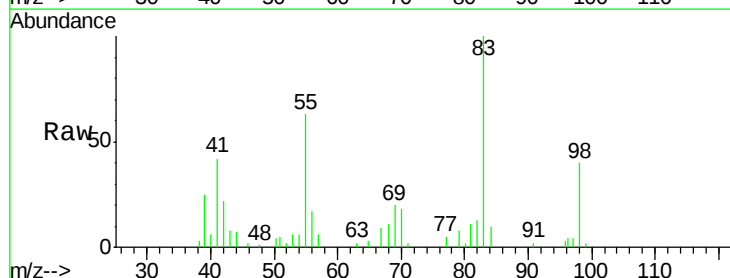
RT: 7.46 min Scan# 1127

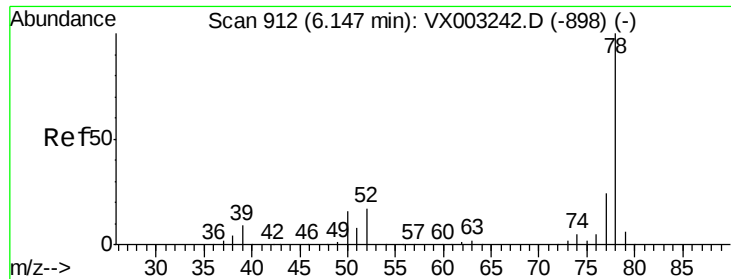
Delta R.T. -0.01 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Tgt Ion:	83	Resp:	7297
Ion	Ratio	Lower	Upper
83	100		
55	63.1	65.4	98.0#
98	40.1	37.4	56.0





#40

Benzene

Concen: 1.56 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.00 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 18035

Ion Ratio Lower Upper

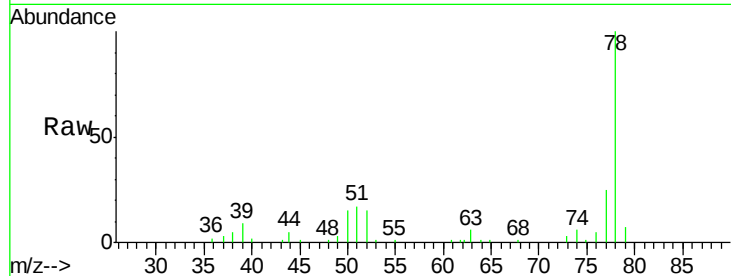
78 100

77 24.5 19.1 28.7

Manual Integrations
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Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.15

8000

6000

4000

2000

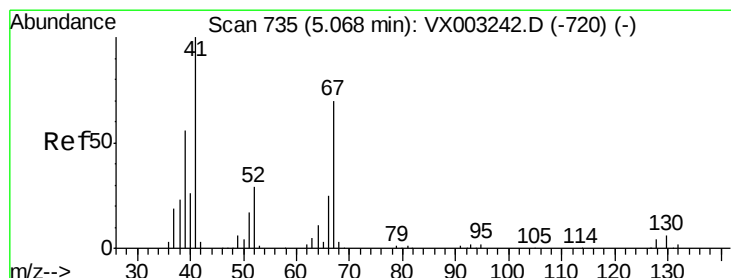
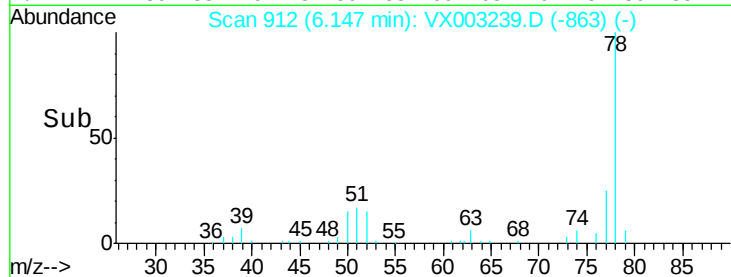
0

Time-->

6.00

6.10

6.20



#41

Methacrylonitrile

Concen: 1.39 ug/l

RT: 5.07 min Scan# 735

Delta R.T. 0.00 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Tgt Ion: 41 Resp: 3436

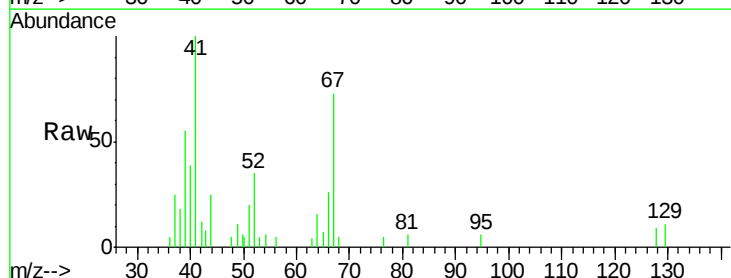
Ion Ratio Lower Upper

41 100

39 76.5 45.8 68.6#

67 75.1 51.3 76.9

52 37.9 23.0 34.6#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

3000

2000

1000

0

Time-->

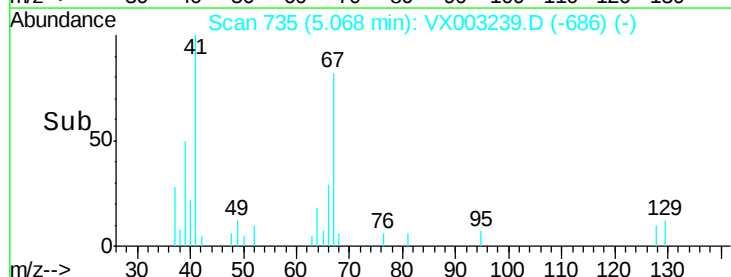
4.95

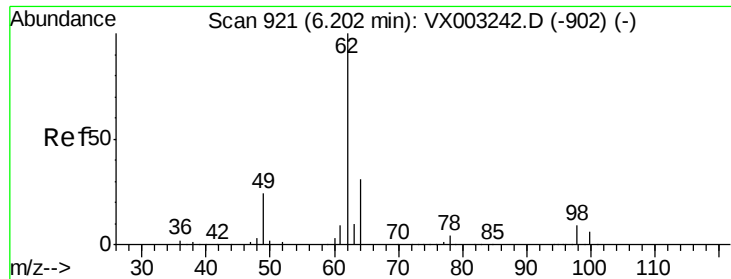
5.00

5.05

5.10

5.15





#42

1,2-Dichloroethane

Concen: 1.52 ug/l

RT: 6.20 min Scan# 921

Delta R.T. 0.00 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 62 Resp: 7132

Ion Ratio Lower Upper

62 100

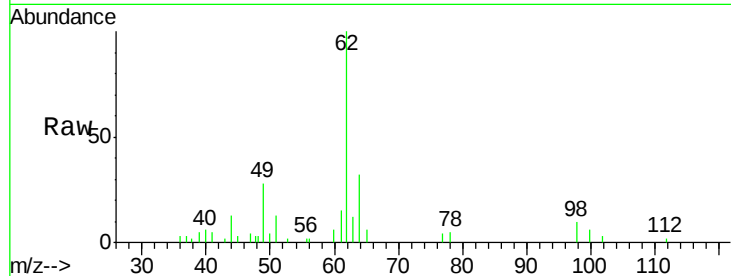
98 11.2 0.0 16.6

Manual Integrations

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Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

3000

2500

2000

1500

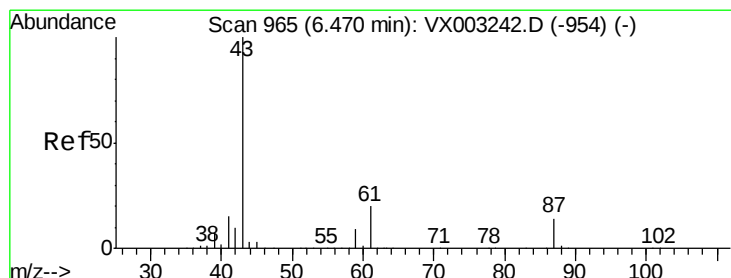
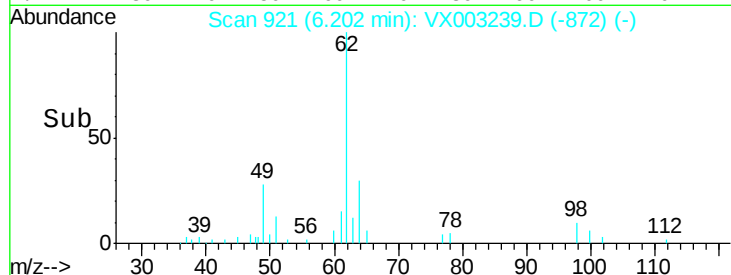
1000

500

0

6.10 6.20 6.30

Time-->



#43

Isopropyl Acetate

Concen: 1.41 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

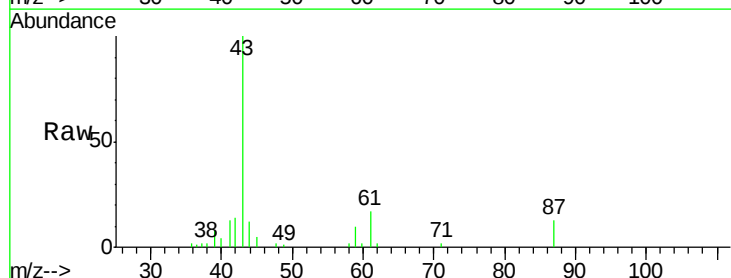
Tgt Ion: 43 Resp: 10191

Ion Ratio Lower Upper

43 100

61 19.3 14.4 21.6

87 12.4 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

5000

4000

3000

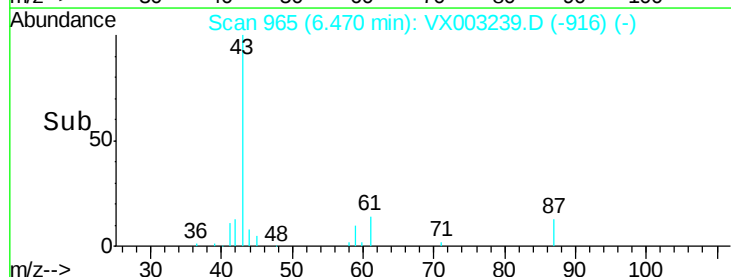
2000

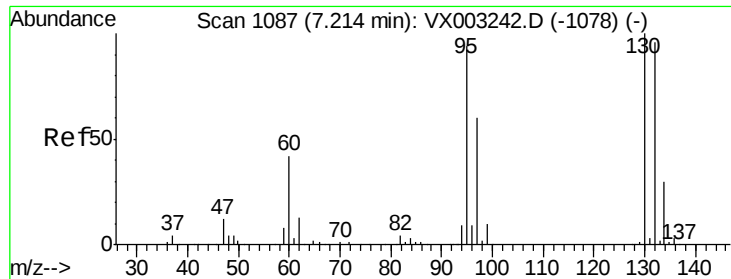
1000

0

6.40 6.50 6.60

Time-->





#44

Trichloroethene

Concen: 1.53 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 5283

Ion Ratio Lower Upper

130 100

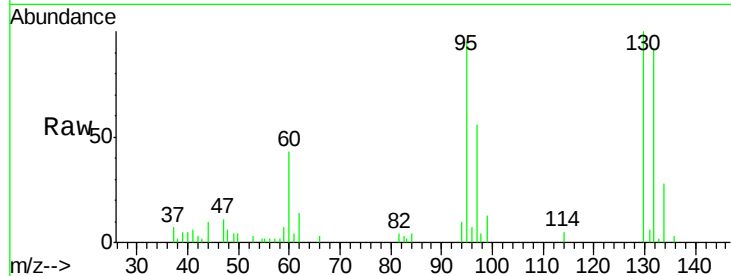
95 94.8 0.0 185.4

Manual Integrations

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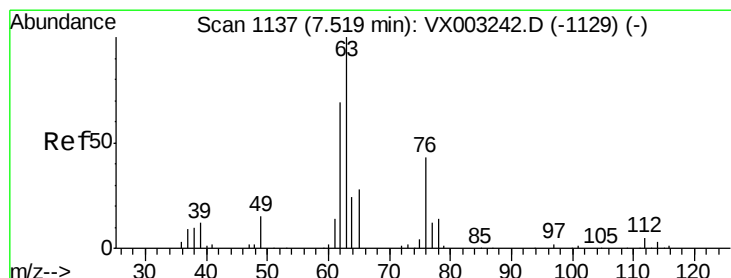
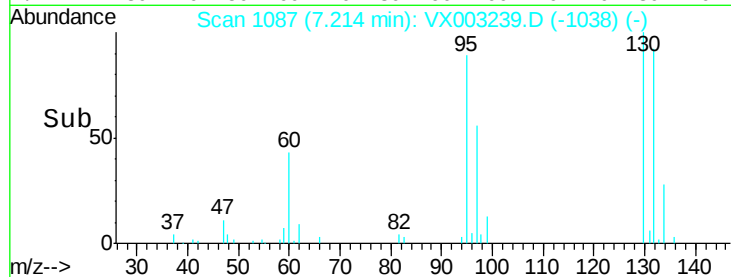
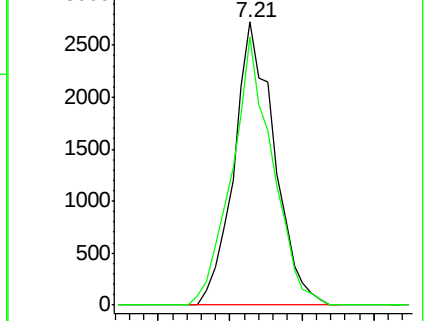
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 1.58 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VX003239.D

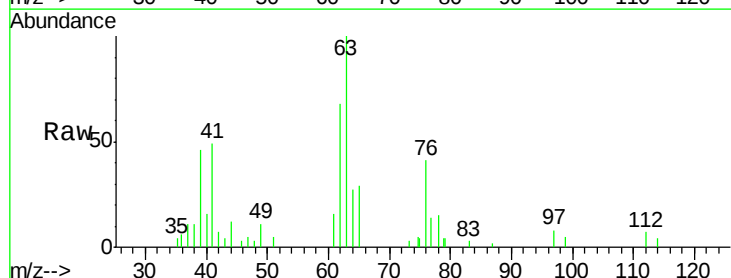
Acq: 09 Jul 2018 11:23

Tgt Ion: 63 Resp: 4864

Ion Ratio Lower Upper

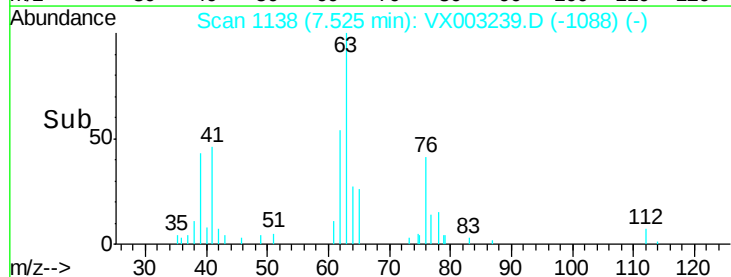
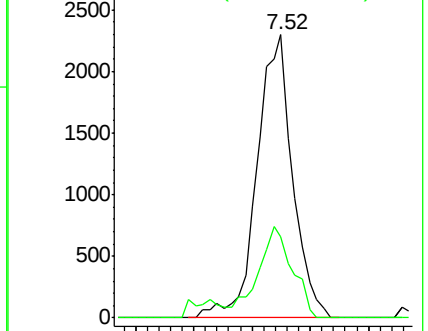
63 100

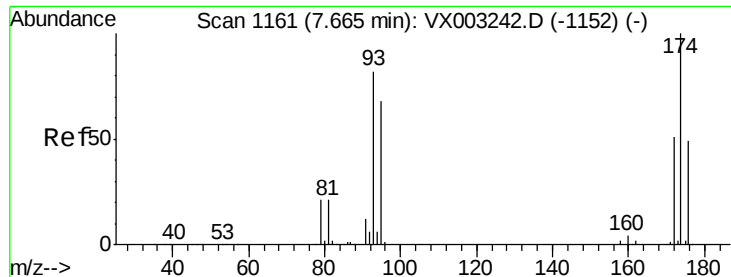
65 28.6 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





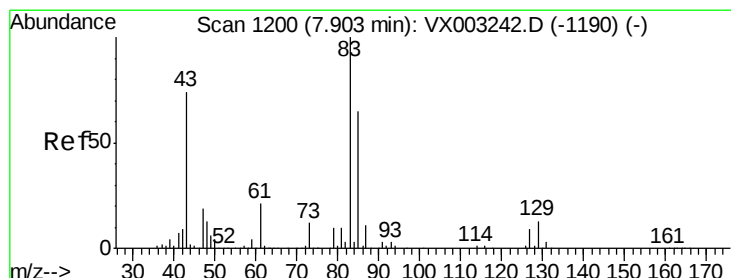
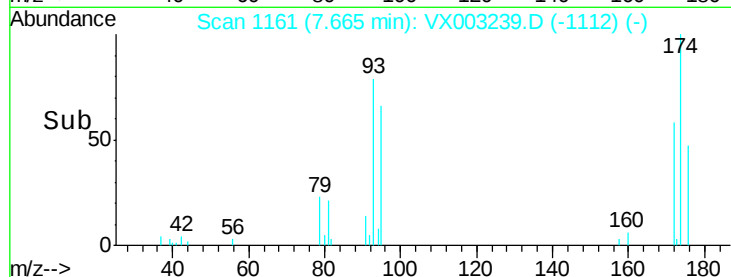
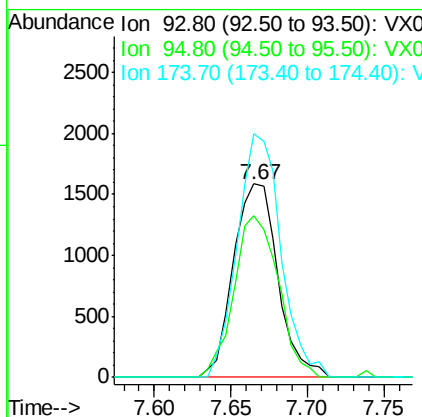
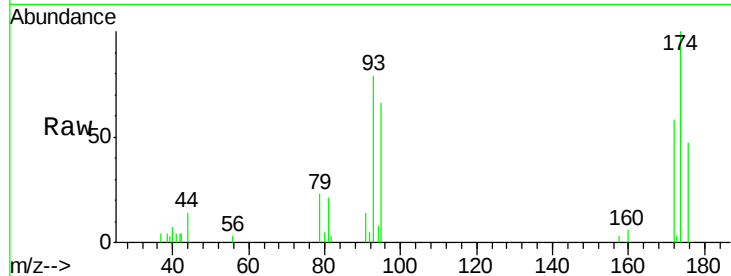
#46
Dibromomethane
Concen: 1.50 ug/l
RT: 7.67 min Scan# 1161
Delta R.T. 0.00 min
Lab File: VX003239.D
Acq: 09 Jul 2018 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 93 Resp: 3200
Ion Ratio Lower Upper
93 100
95 83.7 65.9 98.9
174 123.4 92.4 138.6

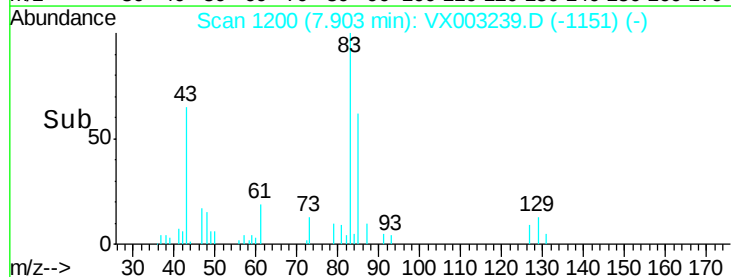
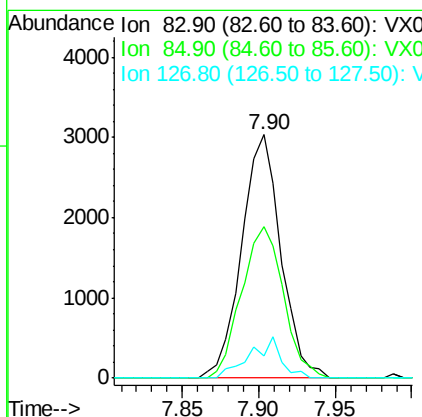
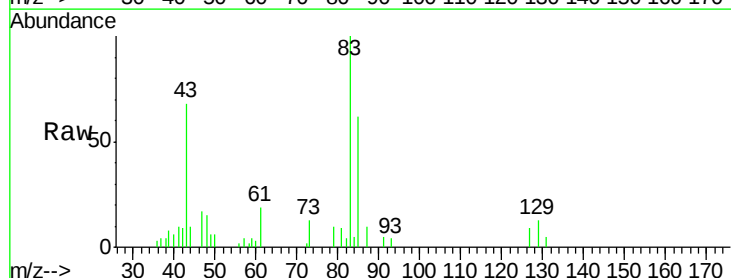
Manual Integrations
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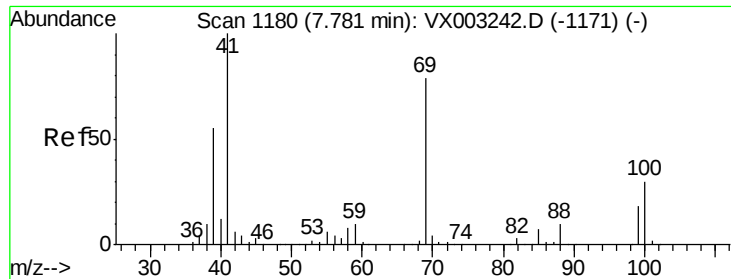
MMDadoda
7/10/2018 3:11:42 PM



#47
Bromodichloromethane
Concen: 1.37 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VX003239.D
Acq: 09 Jul 2018 11:23

Tgt Ion: 83 Resp: 5403
Ion Ratio Lower Upper
83 100
85 62.0 50.3 75.5
127 9.0 7.0 10.4





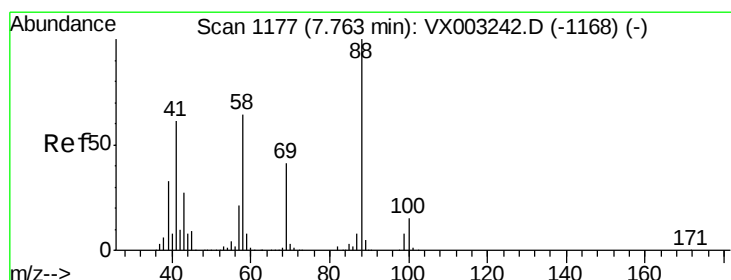
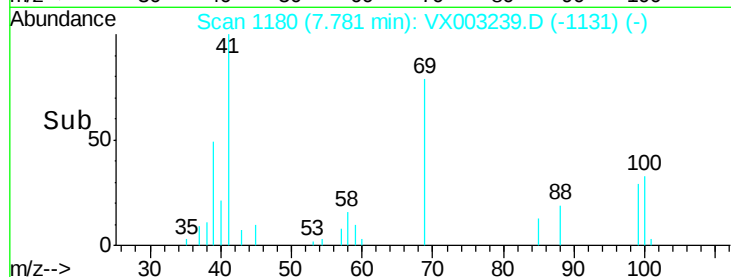
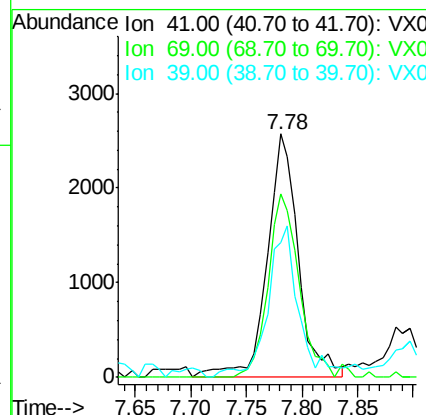
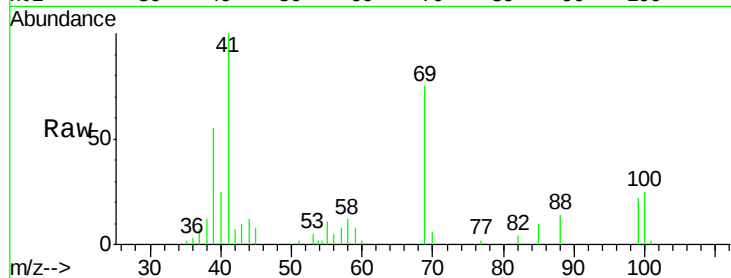
#48
Methvl methacrylate
Concen: 1.36 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VX003239.D
Acq: 09 Jul 2018 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	74.3	59.1	88.7
39	61.4	48.9	73.3

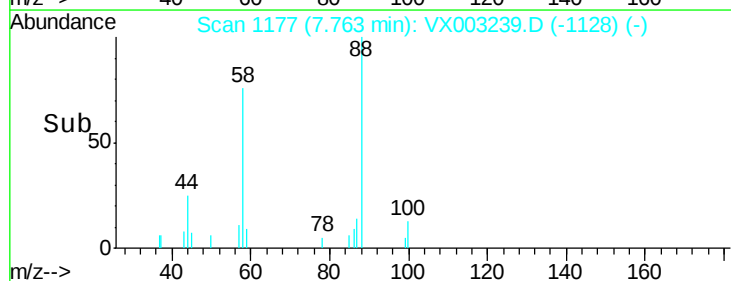
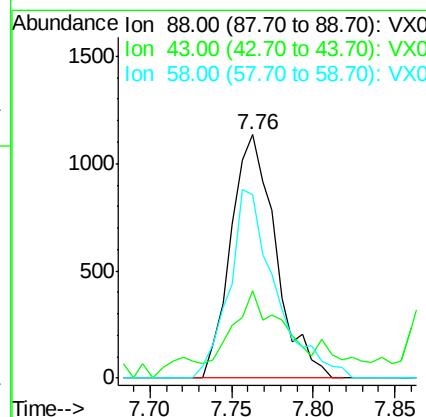
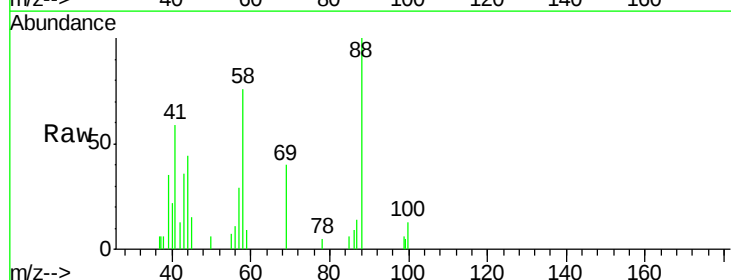
Manual Integrations
APPROVED

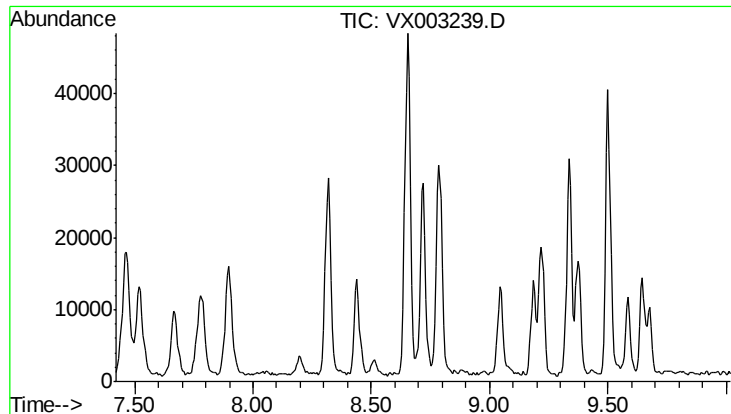
MMDadoda
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#49
1,4-Dioxane
Concen: 30.14 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX003239.D
Acq: 09 Jul 2018 11:23

Tgt Ion	Ratio	Lower	Upper
88	100		
43	32.3	29.8	44.6
58	79.9	57.1	85.7





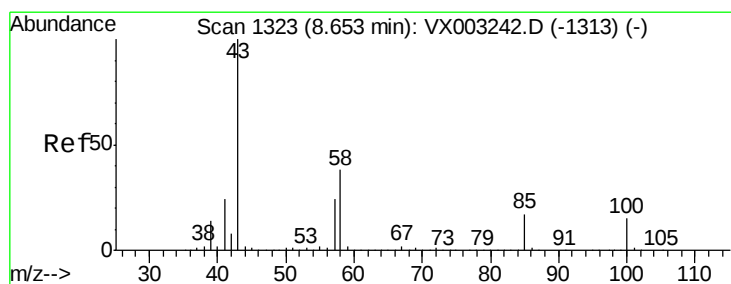
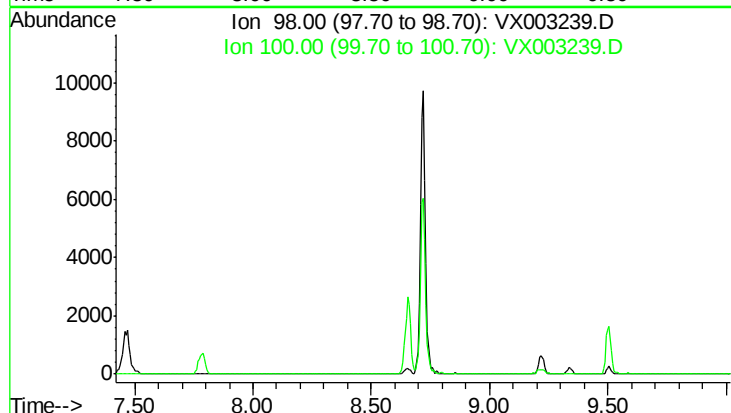
#50
Toluene-d8
Concen: 0.00 ug/l
Expected RT: 8.72 min
Lab File: VX003239.D
Acq: 09 Jul 2018 11:23

Tot Ion: 98
Sig Exp Ratio
98 100
100 63.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

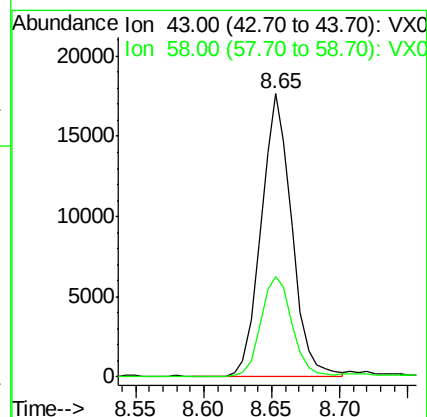
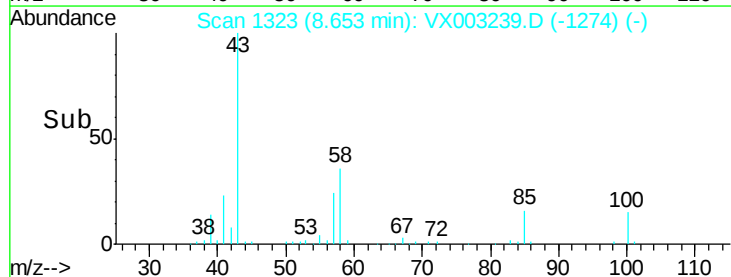
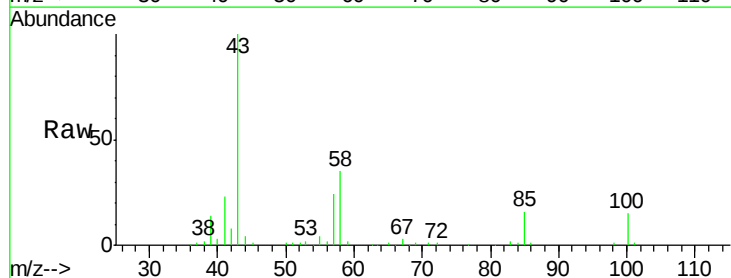
Manual Integrations
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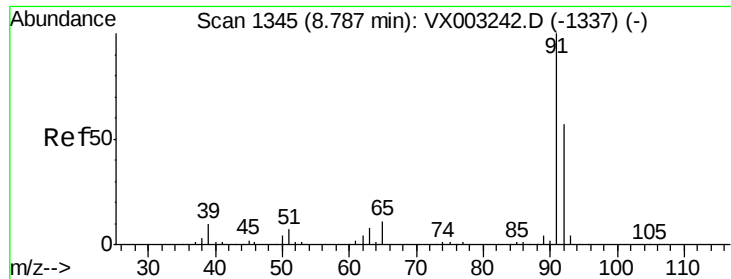
MMDadoda
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#51
4-Methyl-2-Pentanone
Concen: 6.21 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX003239.D
Acq: 09 Jul 2018 11:23

Tgt Ion: 43 Resp: 27993
Ion Ratio Lower Upper
43 100
58 36.0 28.6 42.8





#52

Toluene

Concen: 1.44 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 10662

Ion Ratio Lower Upper

92 100

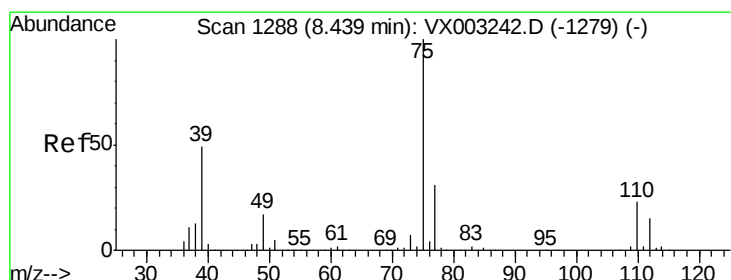
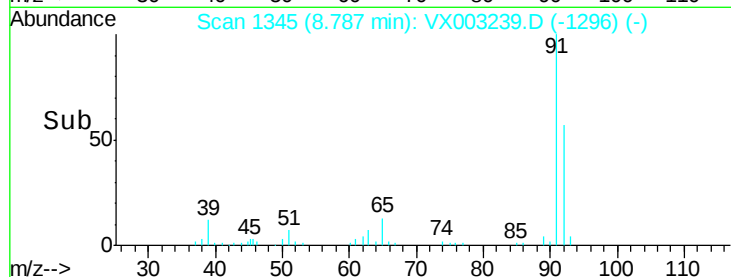
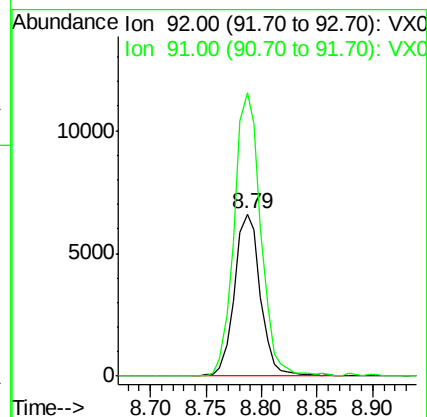
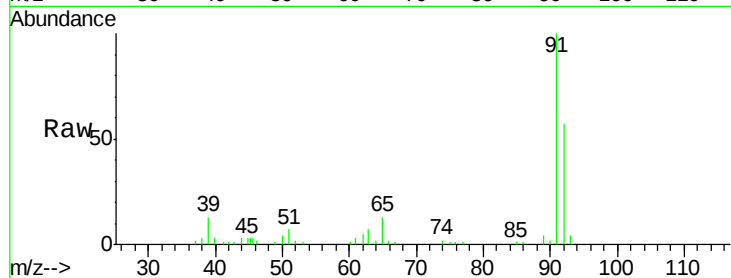
91 179.1 140.4 210.6

Manual Integrations

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#53

t-1,3-Dichloropropene

Concen: 1.36 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003239.D

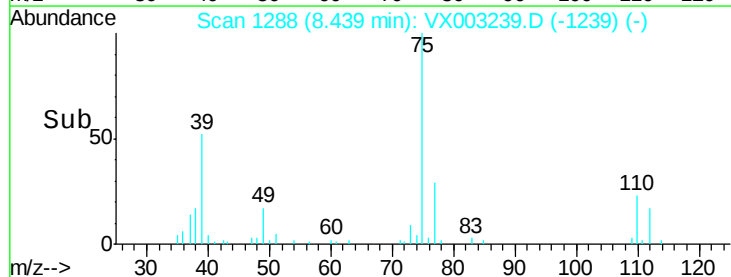
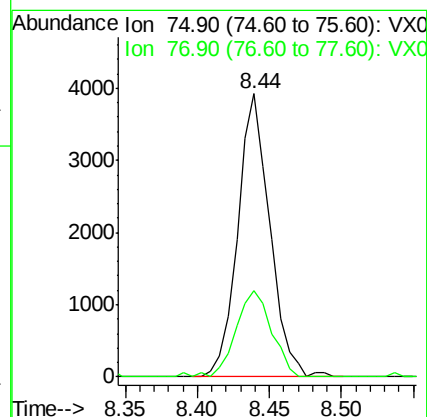
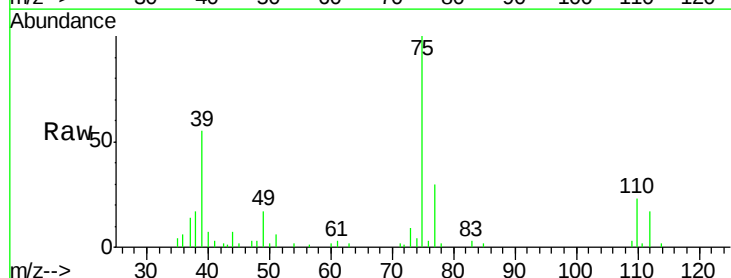
Acq: 09 Jul 2018 11:23

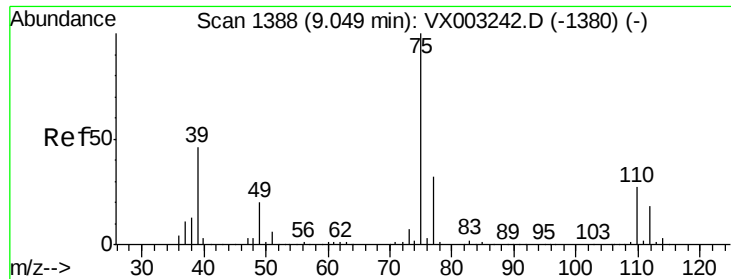
Tgt Ion: 75 Resp: 6066

Ion Ratio Lower Upper

75 100

77 30.3 25.4 38.2





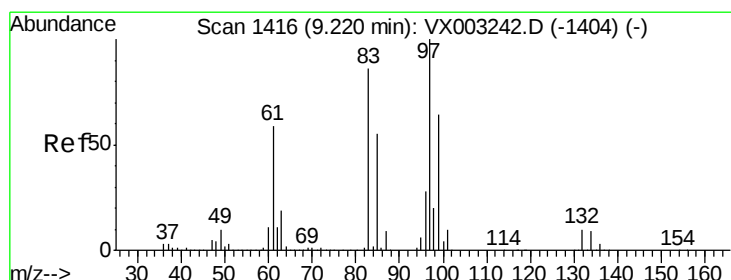
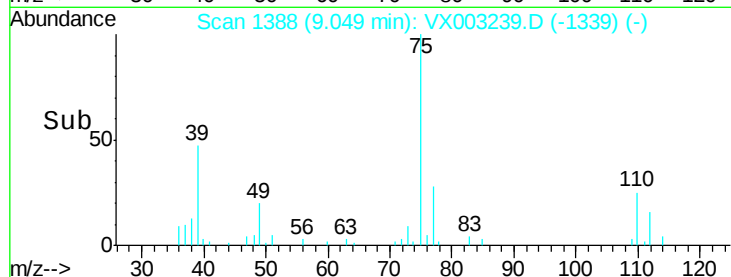
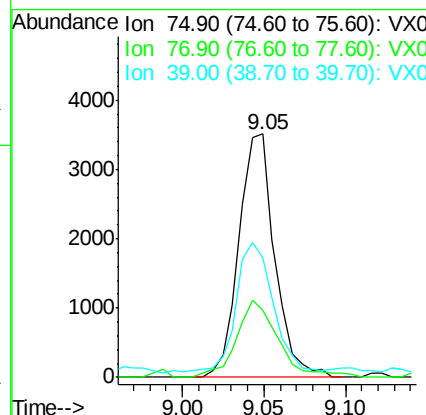
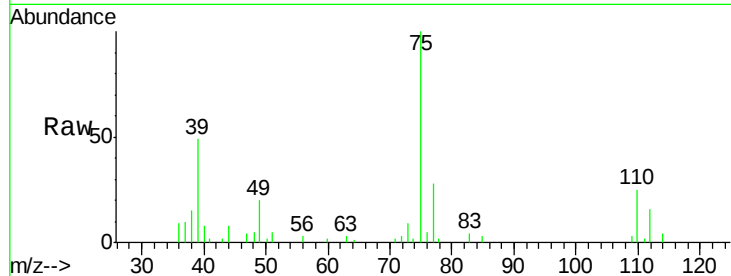
#54
 cis-1,3-Dichloropropene
 Concen: 1.25 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX003239.D
 Acq: 09 Jul 2018 11:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	27.6	24.8	37.2
39	46.3	42.4	63.6

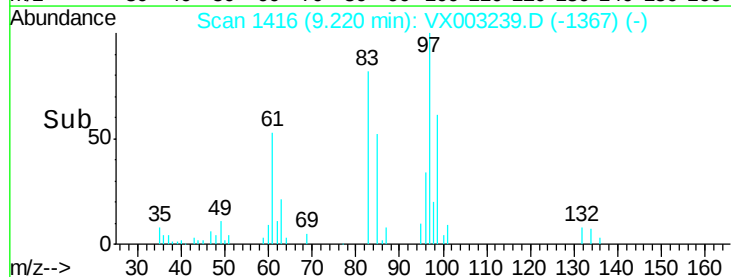
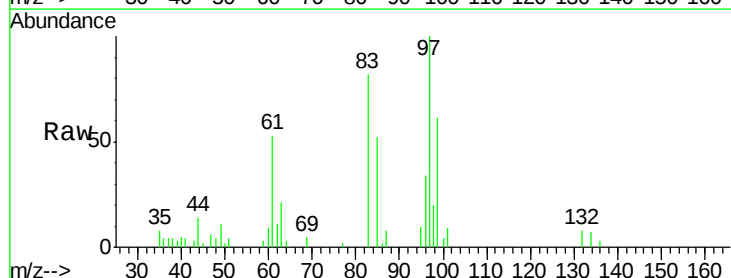
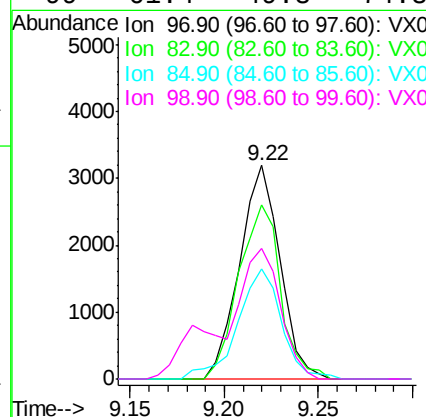
Manual Integrations
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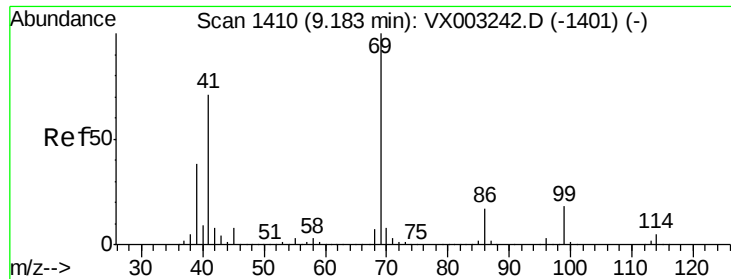
MMDadoda
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#55
 1,1,2-Trichloroethane
 Concen: 1.56 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003239.D
 Acq: 09 Jul 2018 11:23

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.7	70.2	105.2
85	51.5	44.9	67.3
99	61.4	49.8	74.8





#56

Ethyl methacrylate

Concen: 1.20 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.01 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Instrument :

MSVOA_X

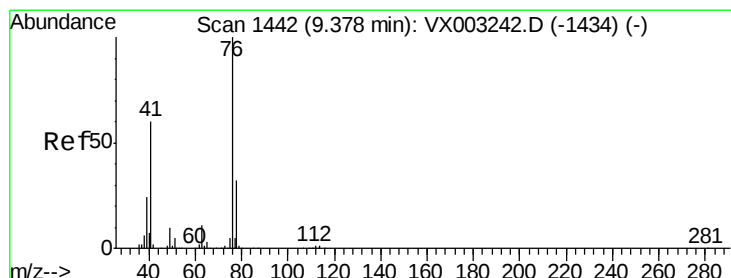
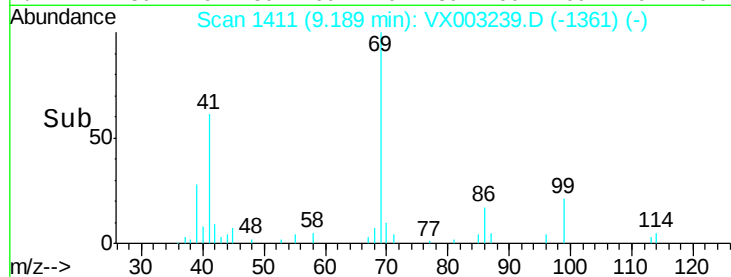
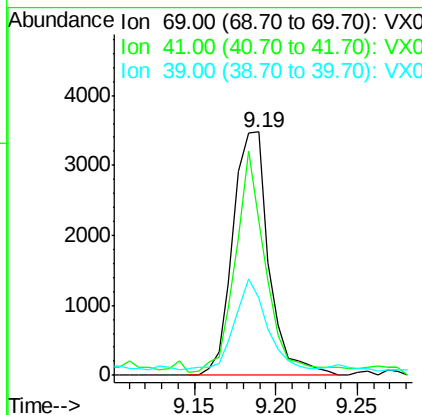
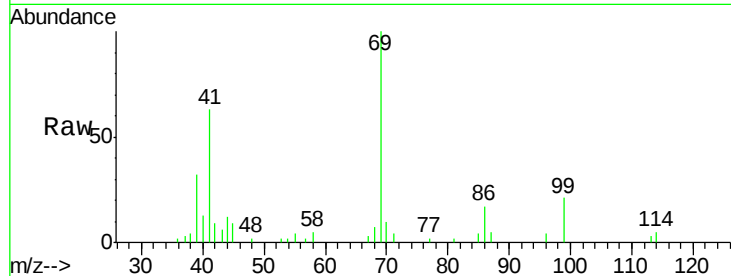
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	5366
Ion	Ratio	Lower	Upper
69	100		
41	74.7	60.3	90.5
39	32.4	35.8	53.8#

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 1.48 ug/l

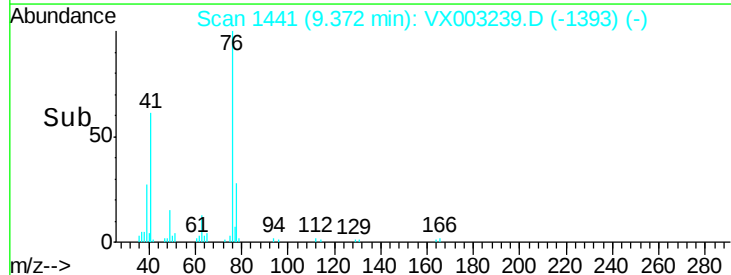
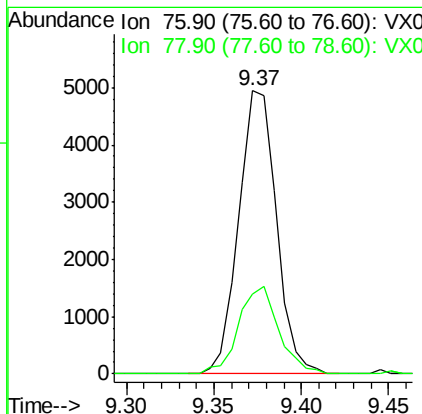
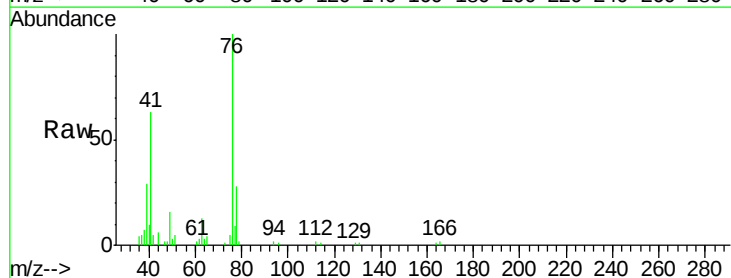
RT: 9.37 min Scan# 1441

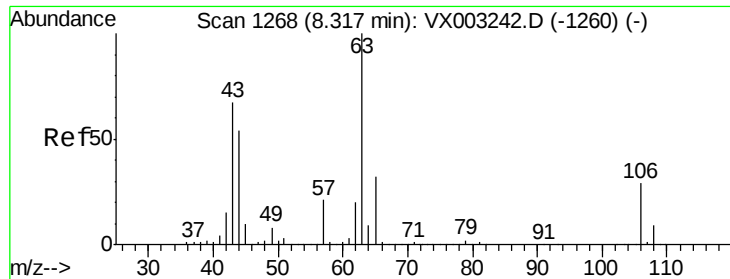
Delta R.T. -0.01 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Tgt Ion:	76	Resp:	7431
Ion	Ratio	Lower	Upper
76	100		
78	33.0	25.8	38.6





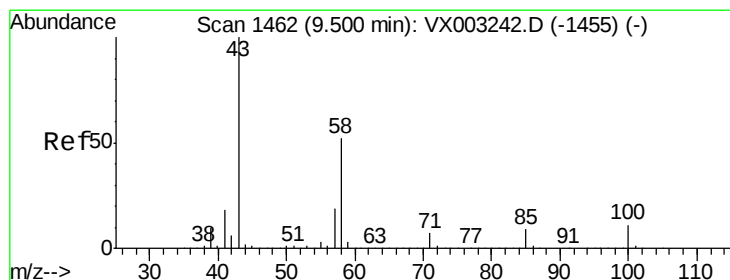
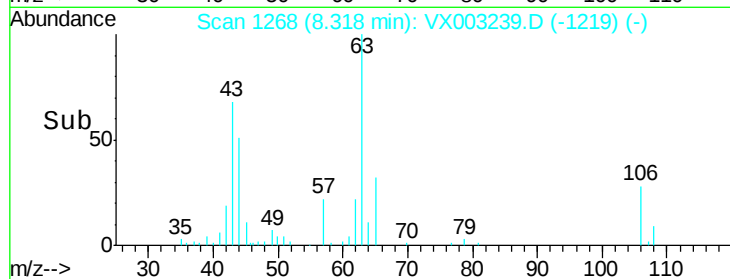
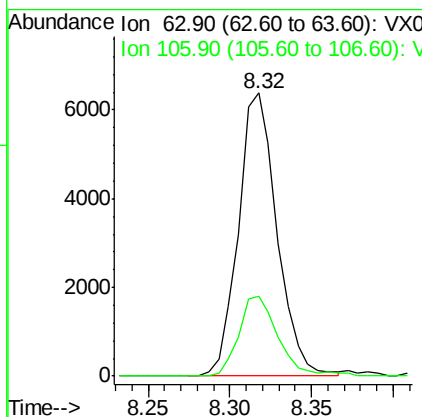
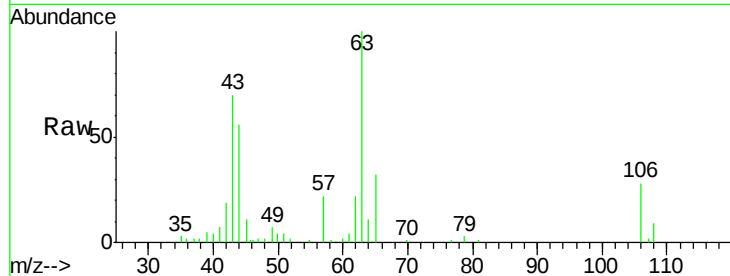
#58
2-Chloroethyl Vinyl ether
Concen: 4.90 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. 0.00 min
Lab File: VX003239.D
Acq: 09 Jul 2018 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 63 Resp: 10537
Ion Ratio Lower Upper
63 100
106 28.9 21.8 32.8

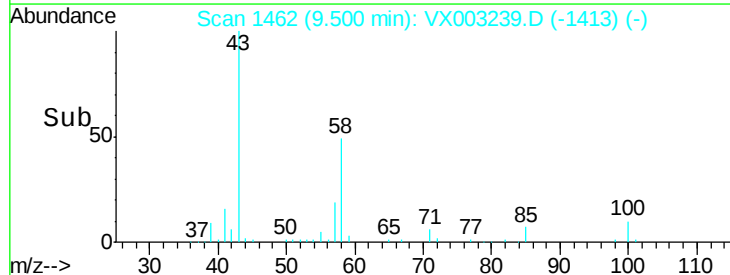
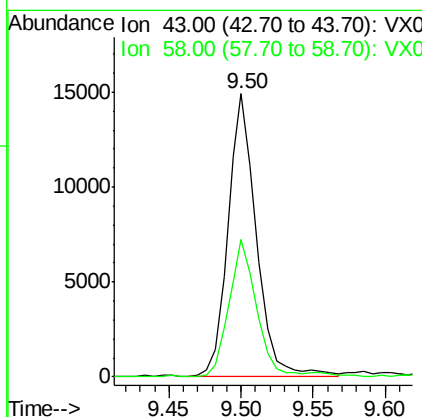
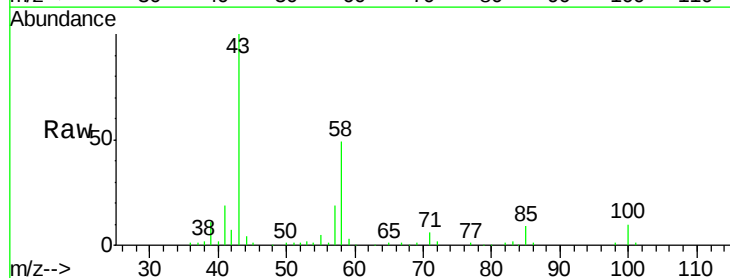
Manual Integrations
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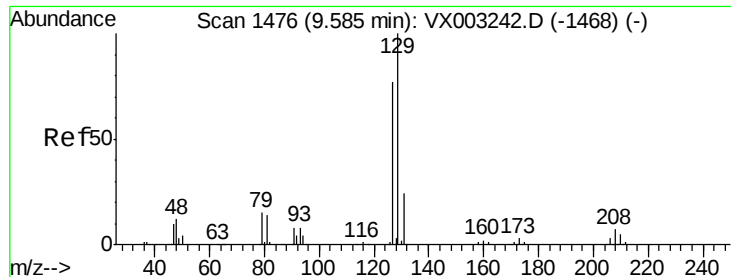
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#59
2-Hexanone
Concen: 6.04 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003239.D
Acq: 09 Jul 2018 11:23

Tgt Ion: 43 Resp: 20713
Ion Ratio Lower Upper
43 100
58 48.3 24.6 73.6





#60

Dibromochloromethane

Concen: 1.32 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 4241

Ion Ratio Lower Upper

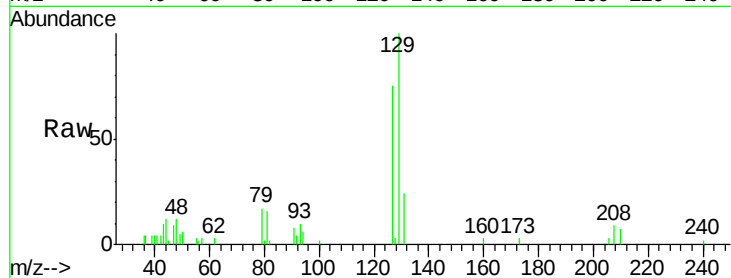
129 100

127 77.7 38.5 115.3

Manual Integrations
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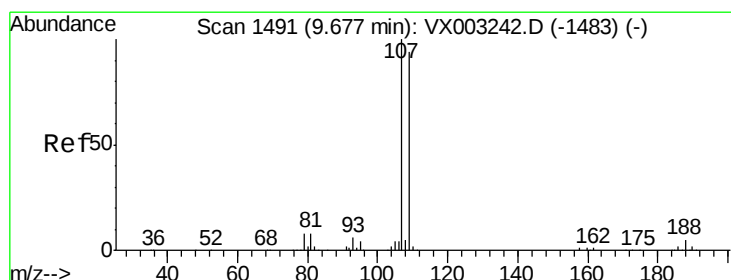
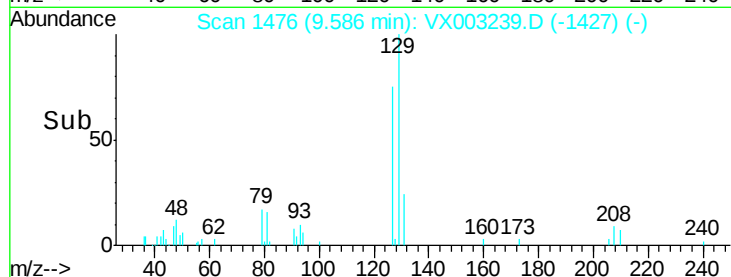
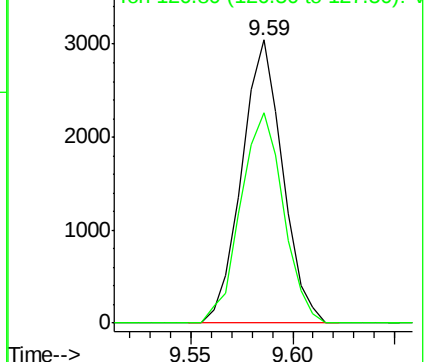
MMDadoda

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 1.44 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003239.D

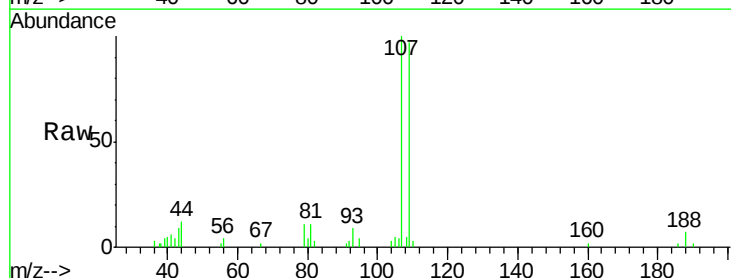
Acq: 09 Jul 2018 11:23

Tgt Ion:107 Resp: 4612

Ion Ratio Lower Upper

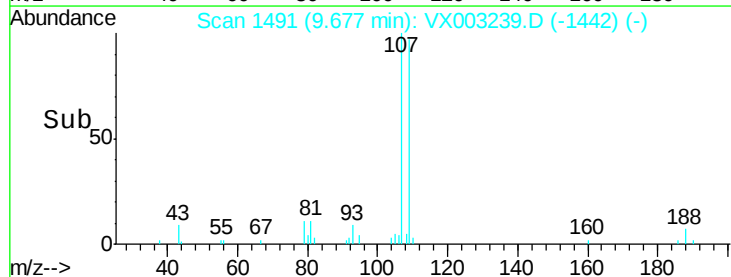
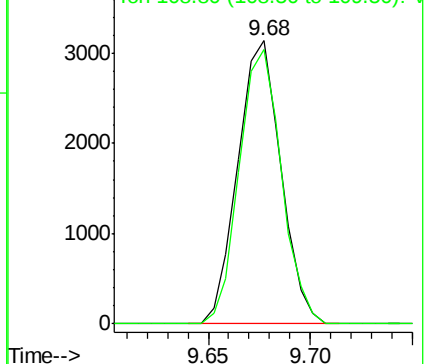
107 100

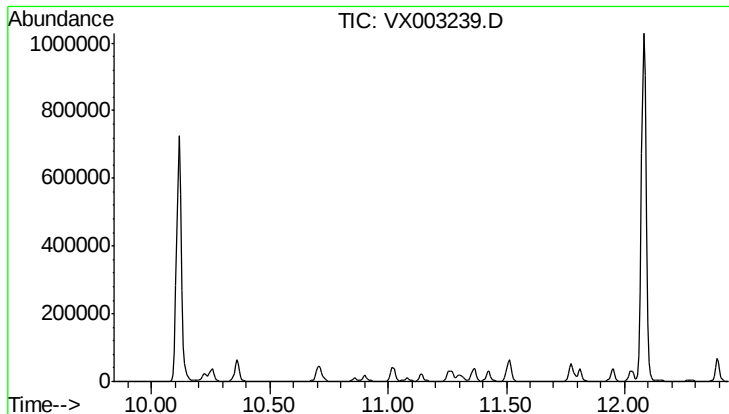
109 94.6 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





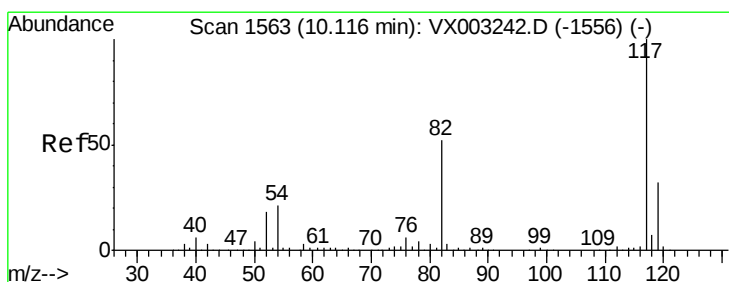
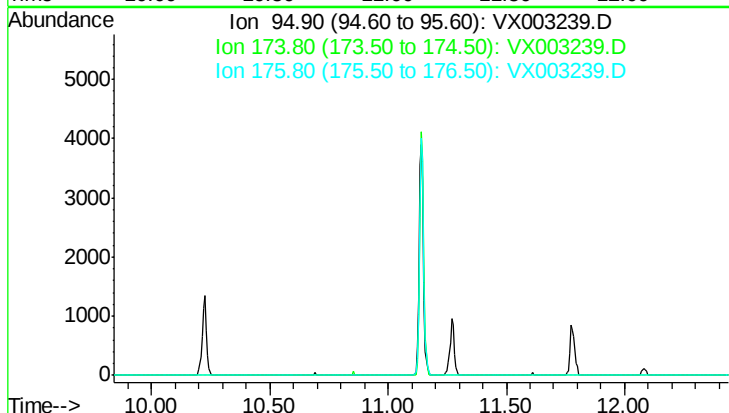
#62
 4-Bromofluorobenzene
 Concen: 0.00 ug/l
 Expected RT: 11.14 min
 Lab File: VX003239.D
 Acq: 09 Jul 2018 11:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	95
Sig	Exp Ratio
95	100
174	93.7
176	90.5

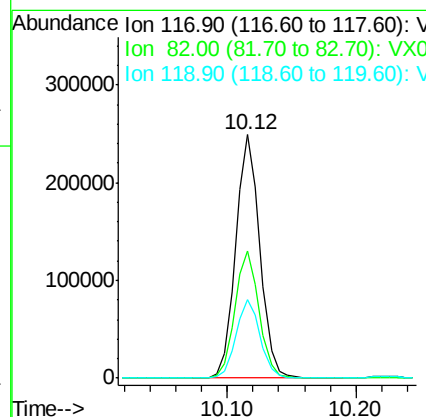
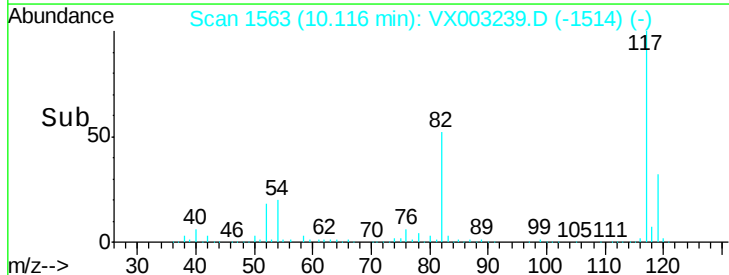
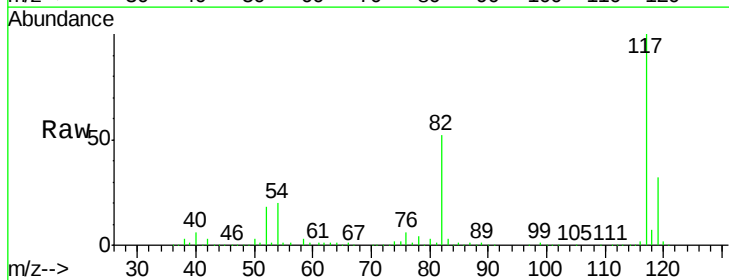
Manual Integrations
 APPROVED

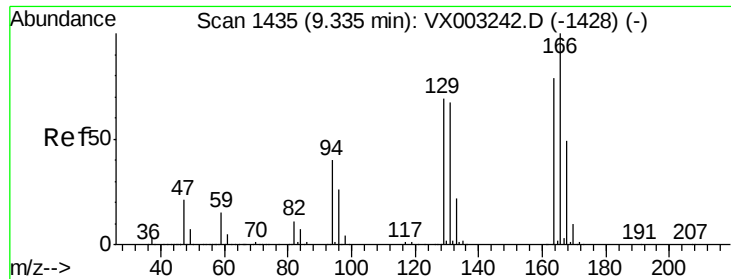
MMDadoda
 7/10/2018 3:11:42 PM



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VX003239.D
 Acq: 09 Jul 2018 11:23

Tgt Ion	117	Resp	326947
Ion	Ratio	Lower	Upper
117	100		
82	52.4	45.0	67.4
119	32.0	25.8	38.6





#64

Tetrachloroethene

Concen: 1.64 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. 0.00 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Instrument :

MSVOA_X

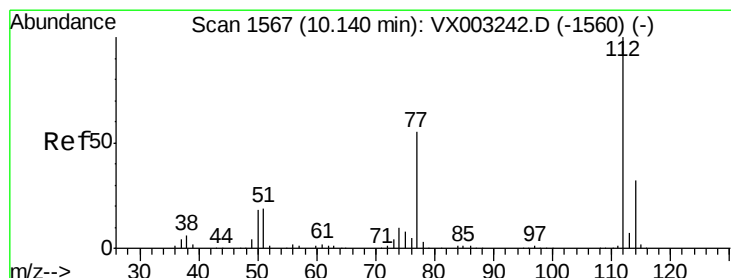
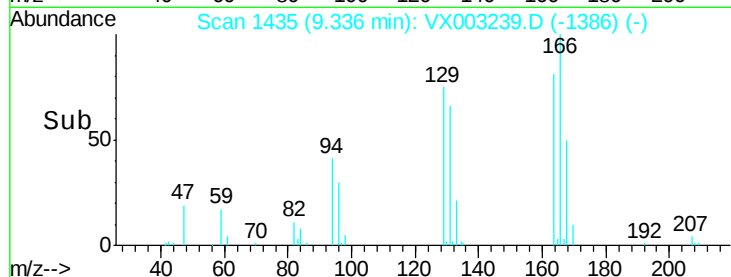
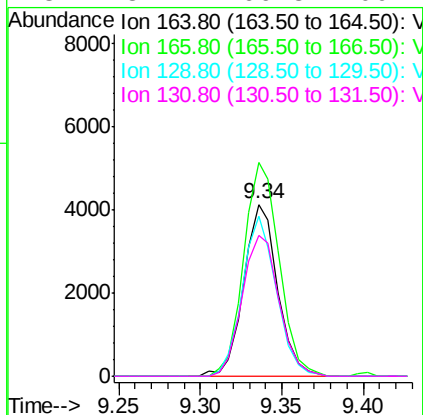
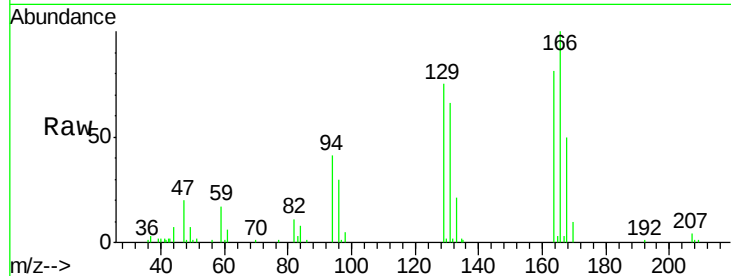
ClientSampleId :

VSTDIC001

Tot Ion:	164	Resp:	5957
Ion	Ratio	Lower	Upper
164	100		
166	124.1	102.9	154.3
129	93.2	68.6	102.8
131	81.7	66.8	100.2

Manual Integrations
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#65

Chlorobenzene

Concen: 1.63 ug/l

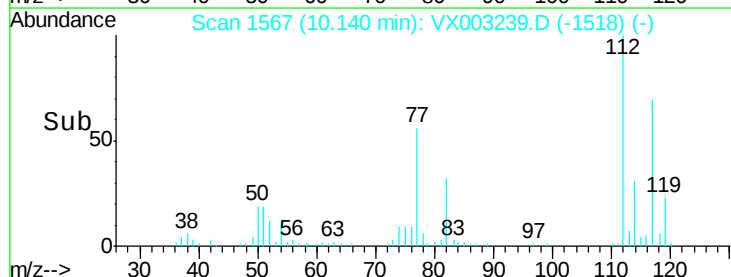
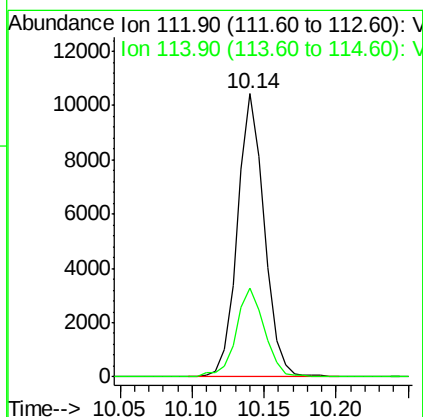
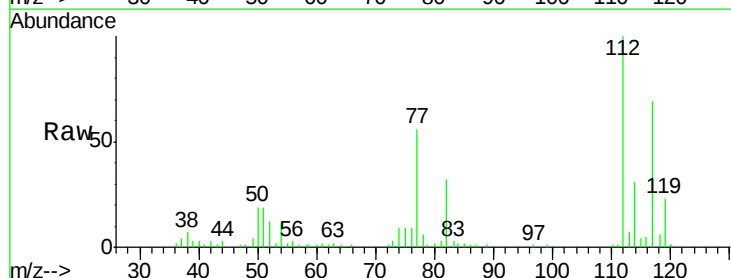
RT: 10.14 min Scan# 1567

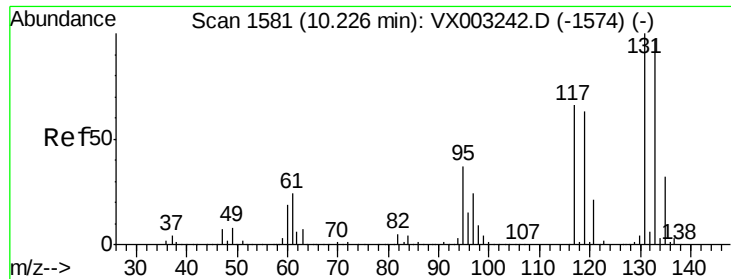
Delta R.T. 0.00 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Tgt Ion:	112	Resp:	13548
Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.3	37.9





#66

1,1,1,2-Tetrachloroethane

Concen: 1.39 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:131 Resp: 4184

Ion Ratio Lower Upper

131 100

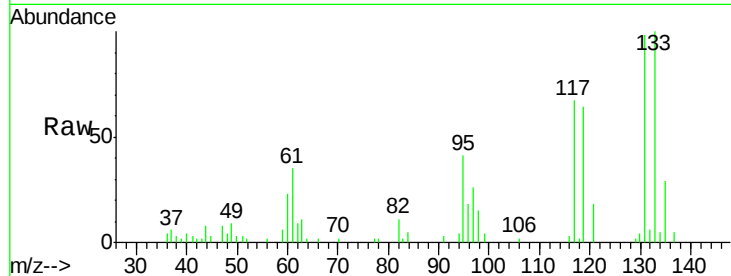
133 106.1 47.9 143.6

119 78.4 31.8 95.3

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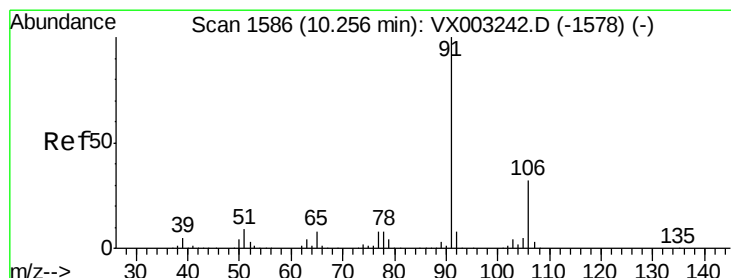
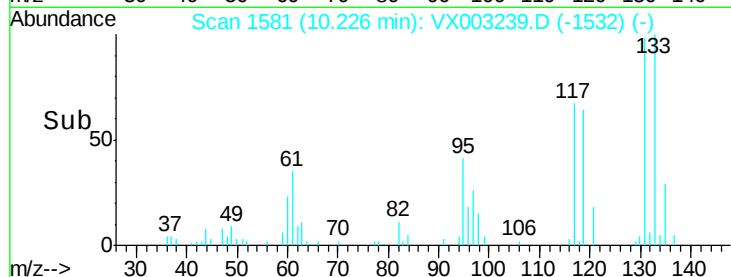
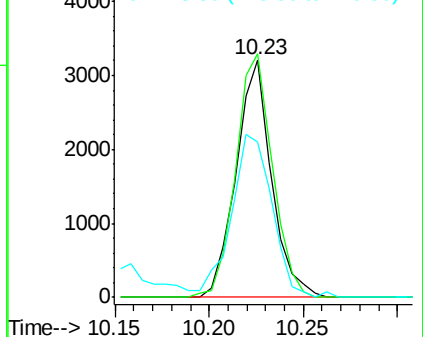
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Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 1.44 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003239.D

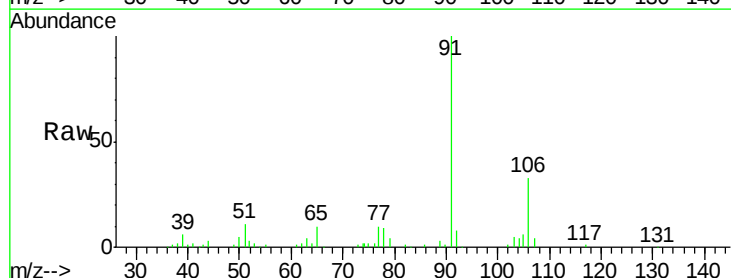
Acq: 09 Jul 2018 11:23

Tgt Ion: 91 Resp: 19721

Ion Ratio Lower Upper

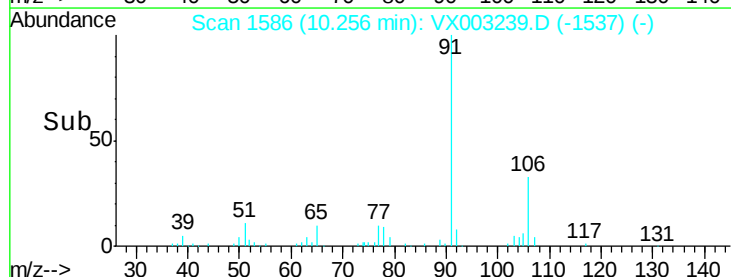
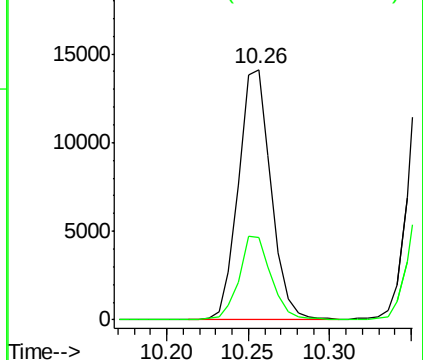
91 100

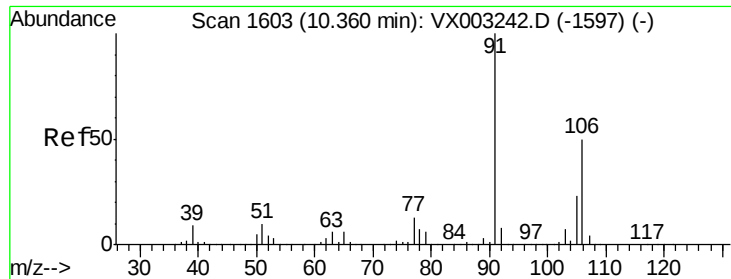
106 32.9 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





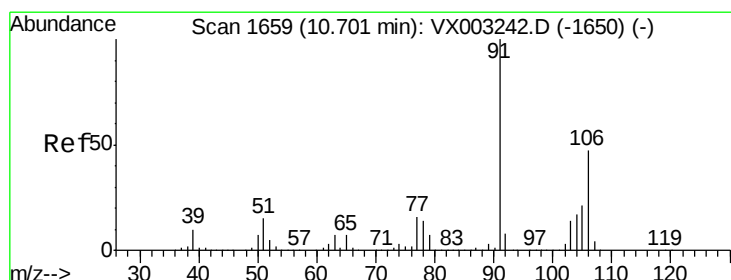
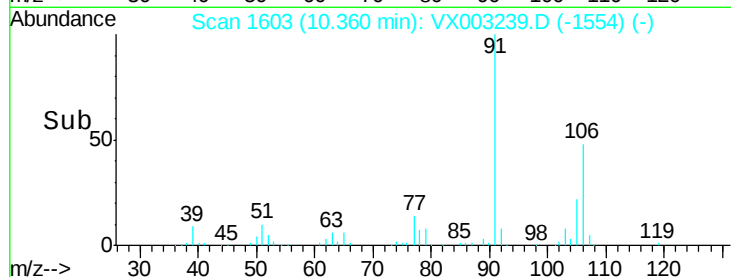
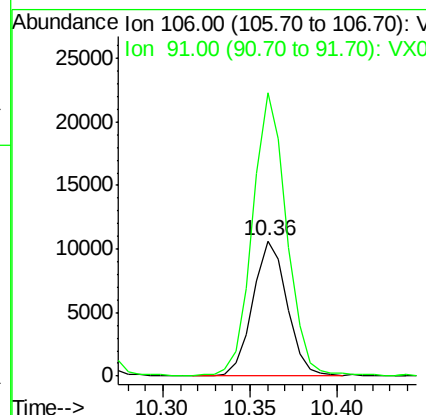
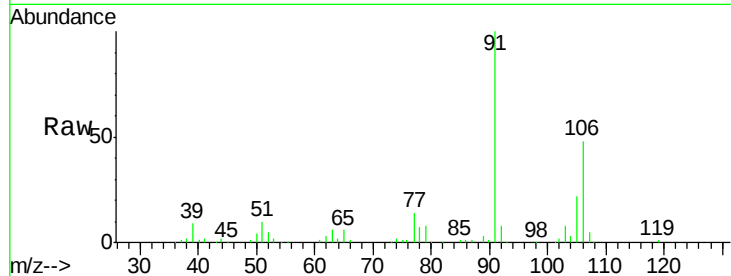
#68
m/p-Xvlenes
Concen: 2.76 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003239.D
Acq: 09 Jul 2018 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tot Ion:106 Resp: 14592
Ion Ratio Lower Upper
106 100
91 208.3 163.4 245.2

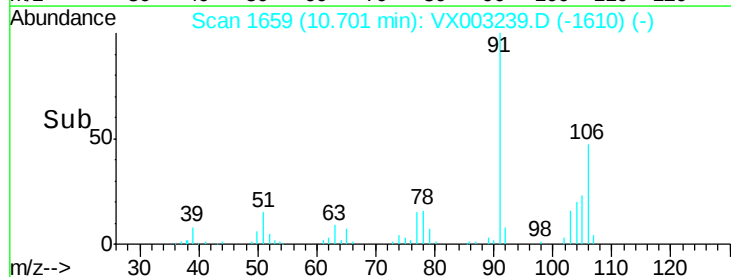
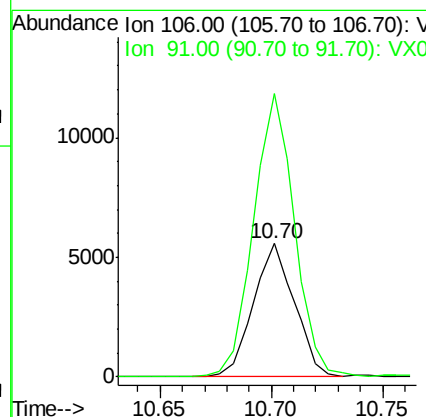
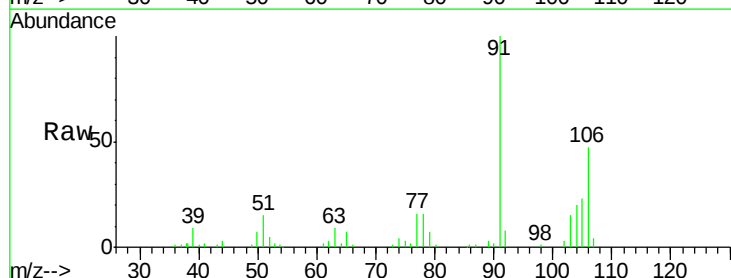
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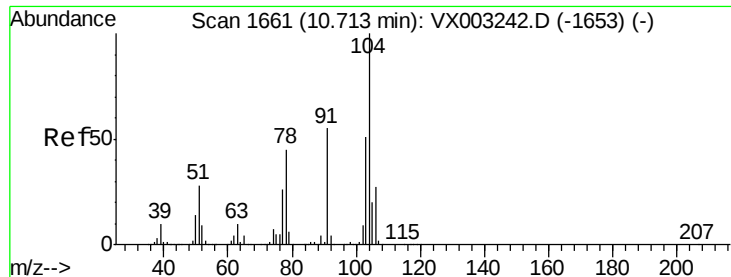
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#69
o-Xylene
Concen: 1.39 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003239.D
Acq: 09 Jul 2018 11:23

Tgt Ion:106 Resp: 7174
Ion Ratio Lower Upper
106 100
91 211.4 108.2 324.6





#70

Stvrene

Concen: 1.34 ug/l

RT: 10.71 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Instrument :

MSVOA_X

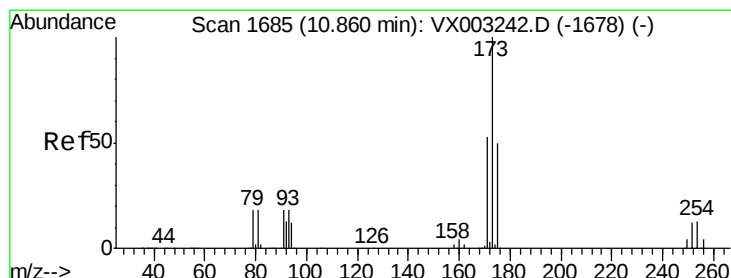
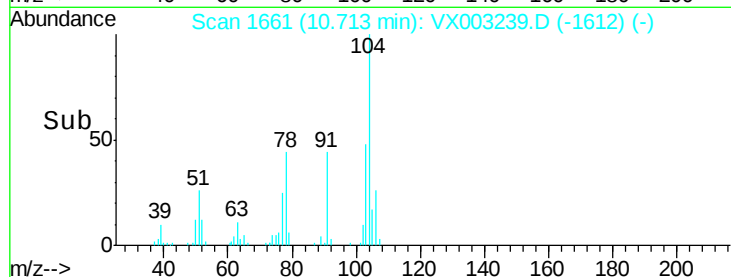
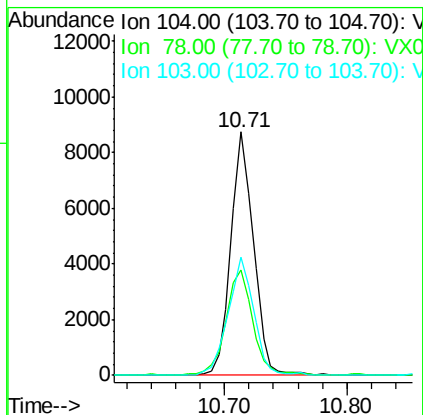
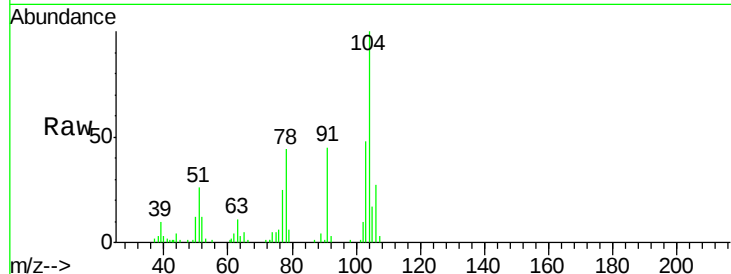
ClientSampleId :

VSTDIC001

Tot Ion:	104	Resp:	11241
Ion Ratio	Lower	Upper	
104	100		
78	51.5	41.0	61.6
103	54.8	44.2	66.4

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#71

Bromoform

Concen: 1.40 ug/l

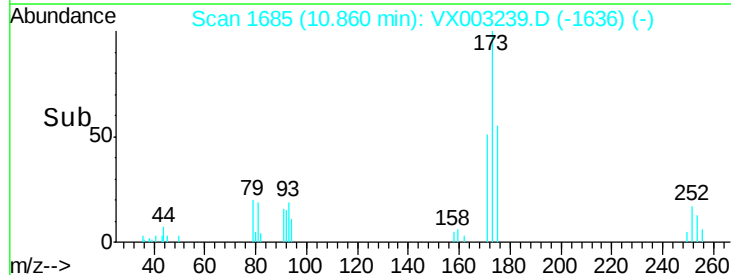
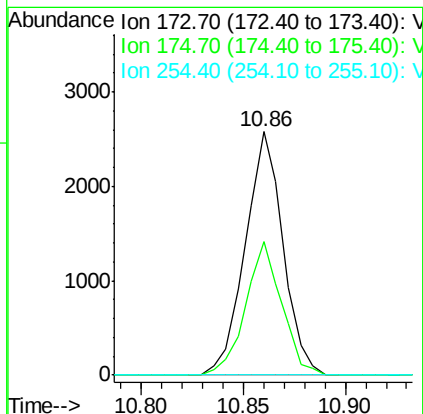
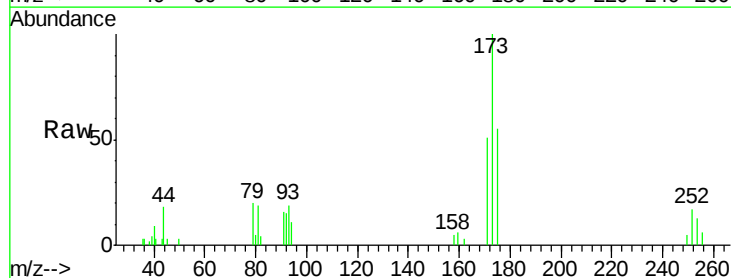
RT: 10.86 min Scan# 1685

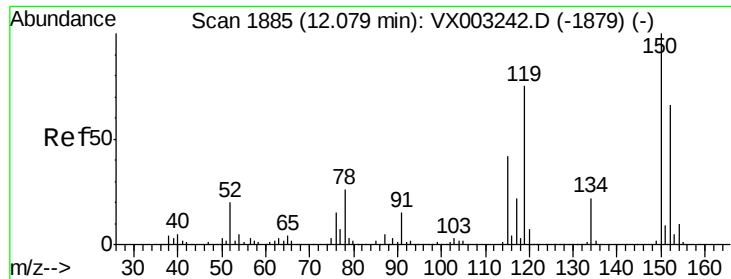
Delta R.T. 0.00 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Tgt Ion:	173	Resp:	3317
Ion Ratio	Lower	Upper	
173	100		
175	52.4	24.7	74.1
254	0.0	0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Instrument :

MSVOA_X

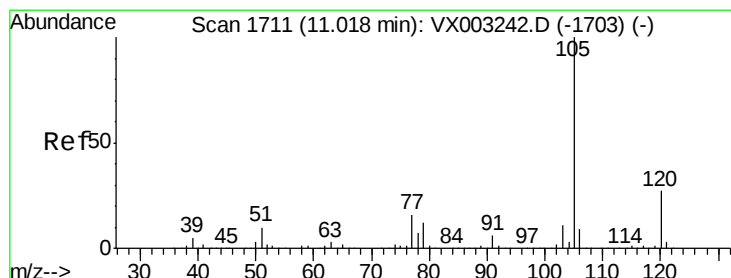
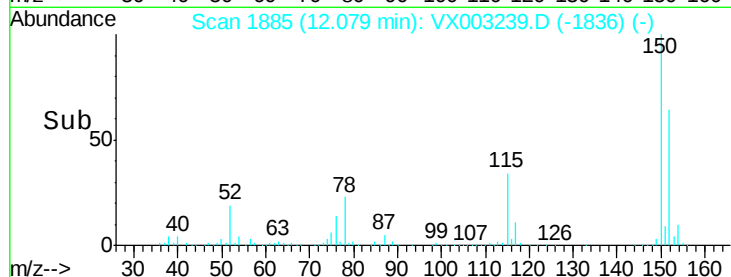
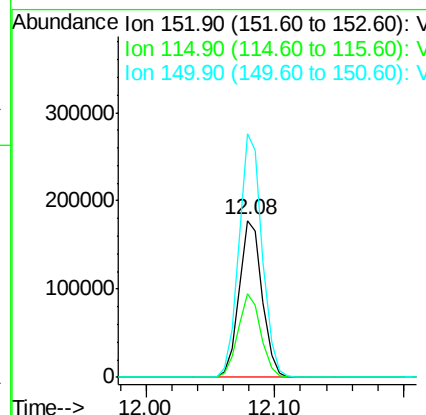
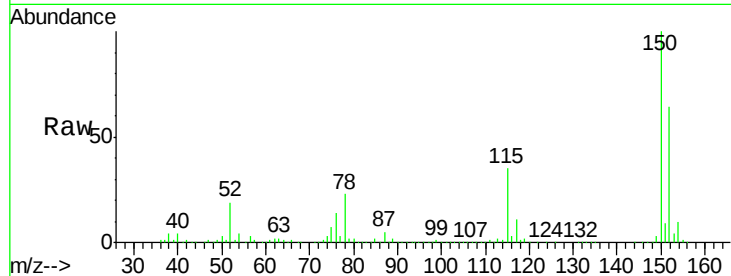
ClientSampleId :

VSTDIC001

Tot Ion:	152	Resp:	221472
Ion Ratio	Lower	Upper	
152	100		
115	53.2	40.1	120.2
150	156.2	0.0	347.2

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#73

Isopropylbenzene

Concen: 1.27 ug/l

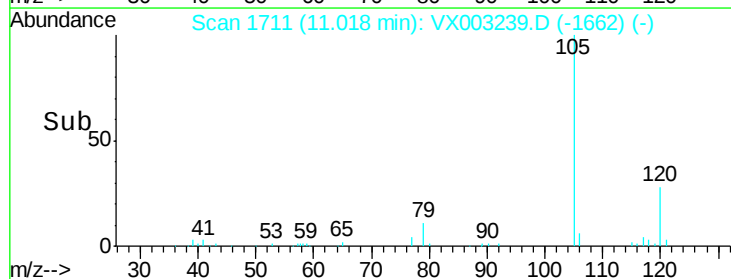
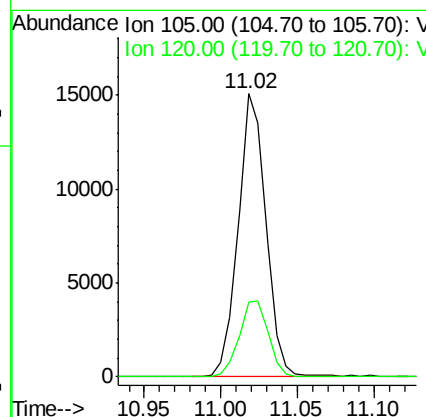
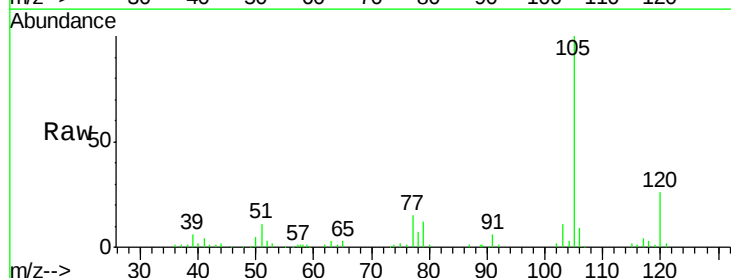
RT: 11.02 min Scan# 1711

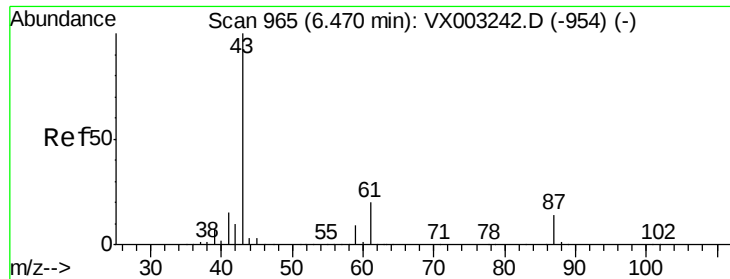
Delta R.T. 0.00 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Tgt Ion:	105	Resp:	18952
Ion Ratio	Lower	Upper	
105	100		
120	28.2	13.5	40.4





#74

N-amvl acetate

Concen: 1.40 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Instrument :

MSVOA_X

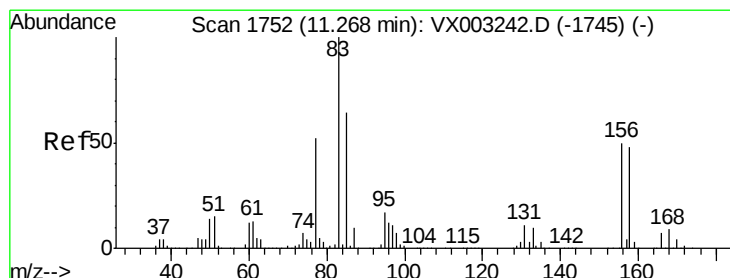
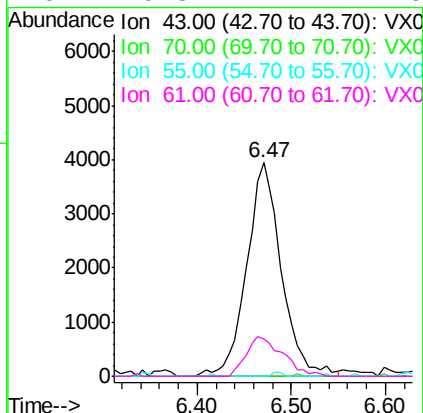
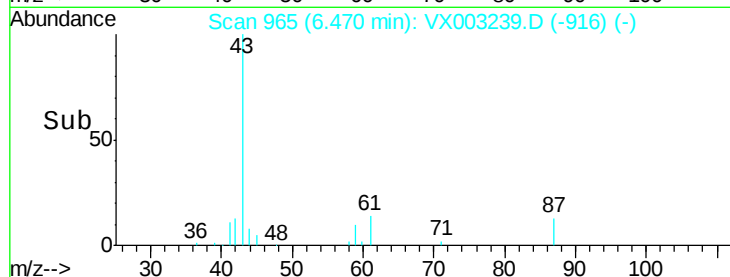
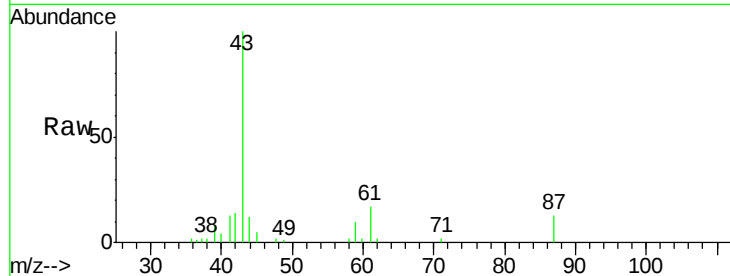
ClientSampleId :

VSTDIC001

Tot Ion:	43	Resp:	10191
Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.5	0.0	0.0#
61	19.3	14.4	21.6

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#75

1,1,2,2-Tetrachloroethane

Concen: 1.34 ug/l

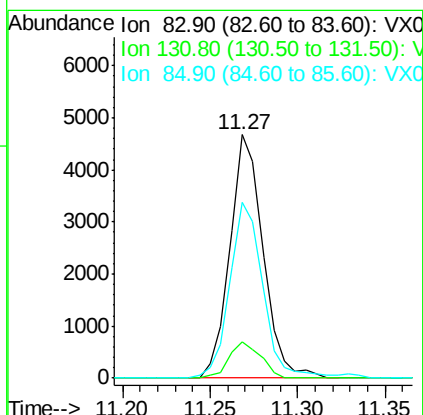
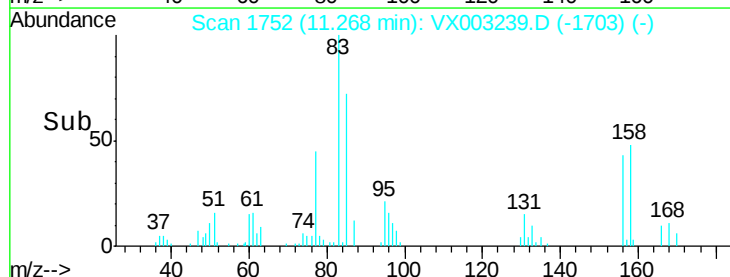
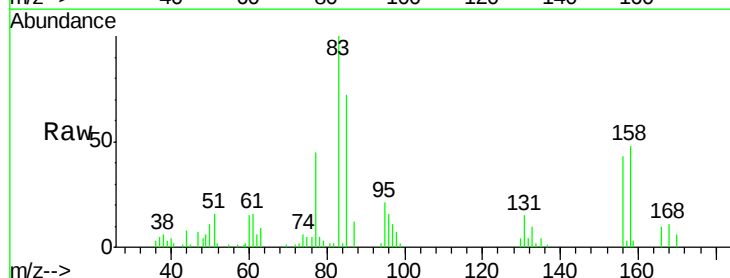
RT: 11.27 min Scan# 1752

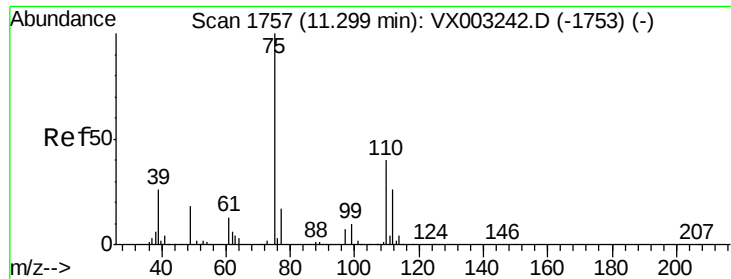
Delta R.T. 0.00 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Tgt Ion:	83	Resp:	6168
Ion	Ratio	Lower	Upper
83	100		
131	14.2	5.6	16.8
85	73.3	32.4	97.2





#76

1,2,3-Trichloropropane

Concen: 1.41 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 75 Resp: 5651

Ion Ratio Lower Upper

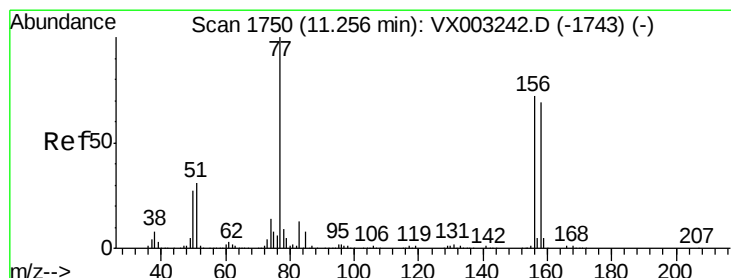
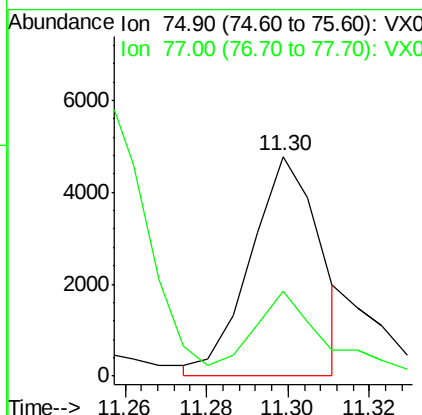
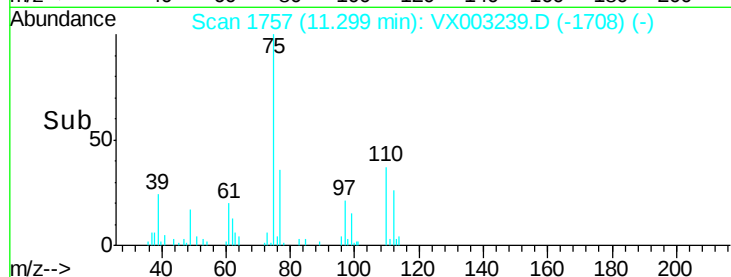
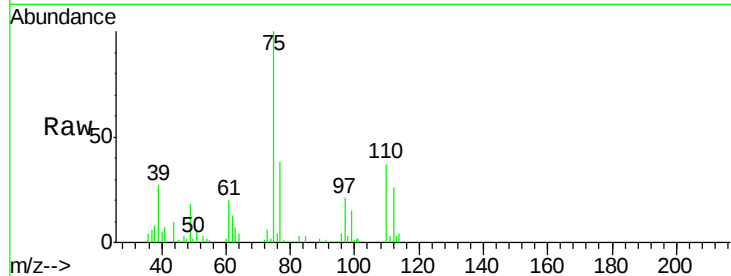
75 100

77 41.9 22.8 68.3

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#77

Bromobenzene

Concen: 1.34 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

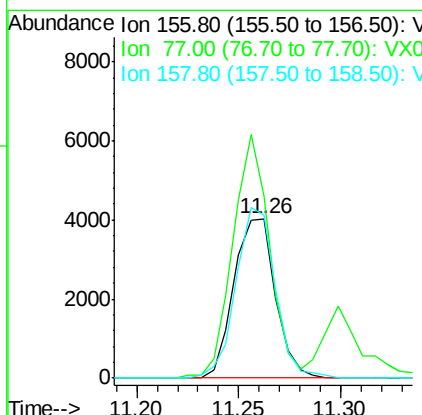
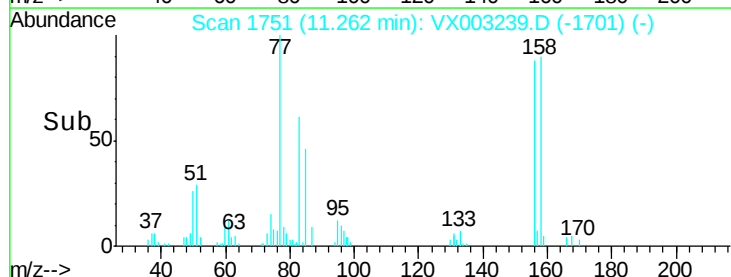
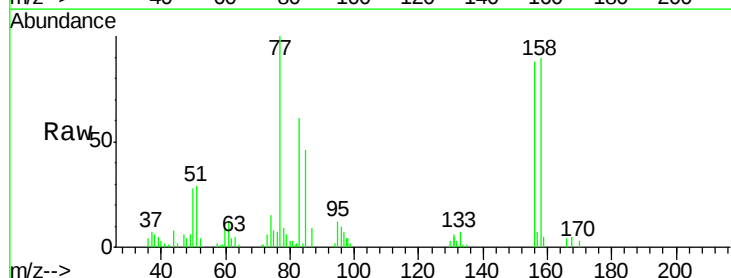
Tgt Ion: 156 Resp: 5694

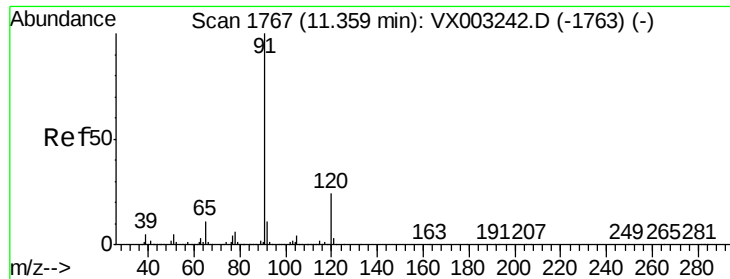
Ion Ratio Lower Upper

156 100

77 134.6 71.4 214.2

158 101.3 48.9 146.6





#78

n-propylbenzene

Concen: 1.18 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 20015

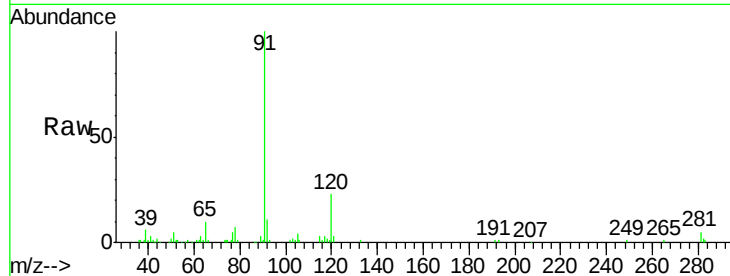
Ion Ratio Lower Upper

91 100

120 25.4 11.8 35.4

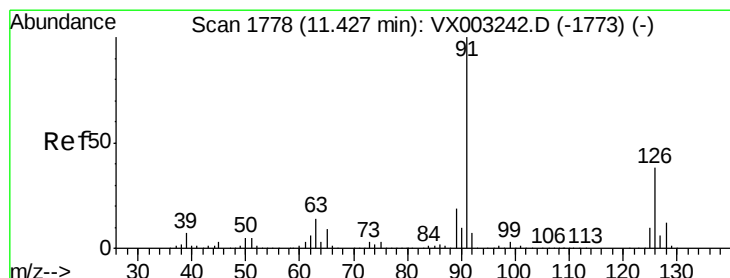
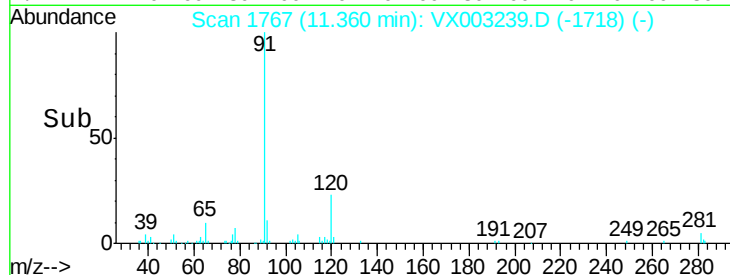
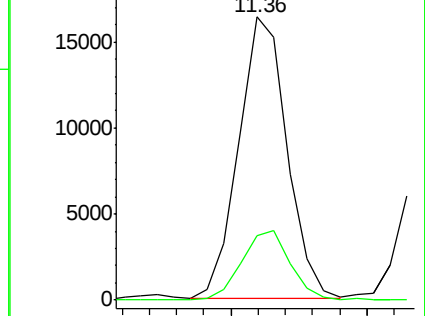
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 1.27 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX003239.D

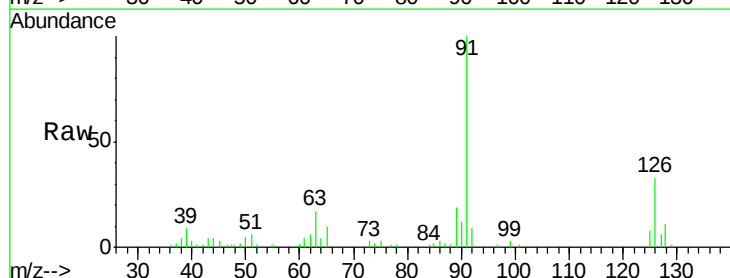
Acq: 09 Jul 2018 11:23

Tgt Ion: 91 Resp: 13007

Ion Ratio Lower Upper

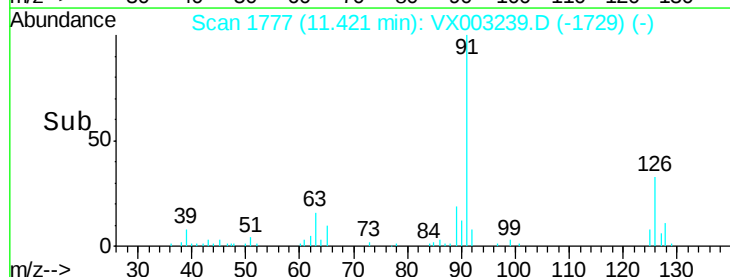
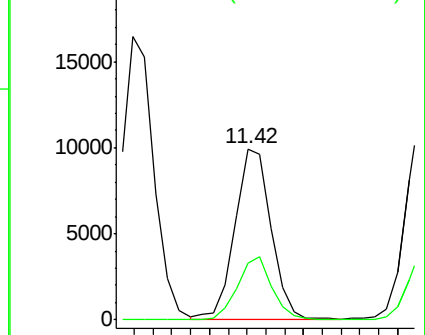
91 100

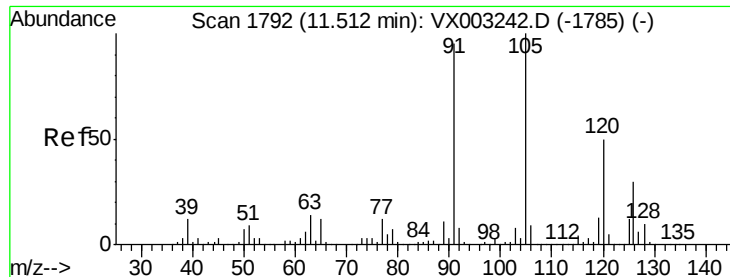
126 35.4 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





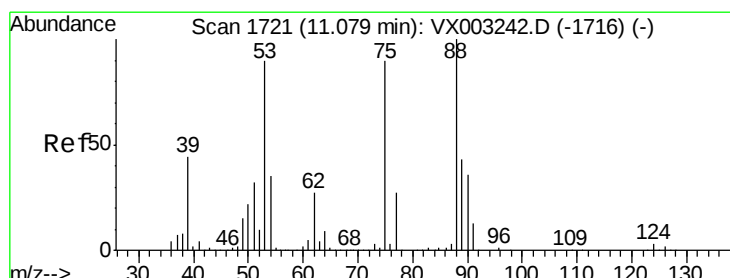
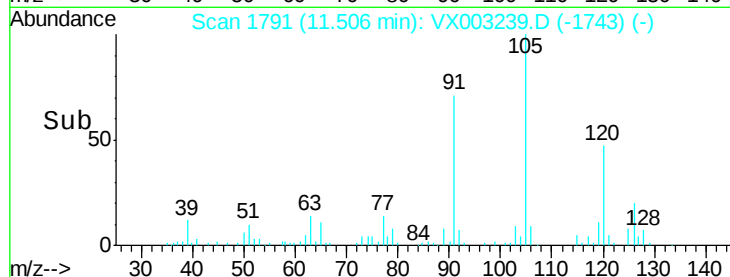
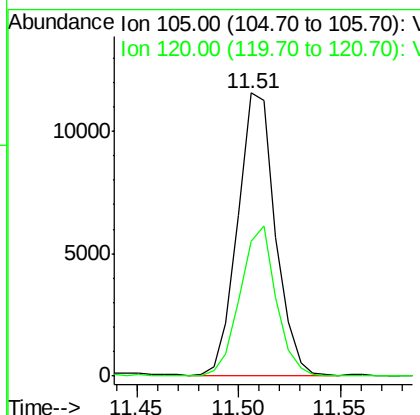
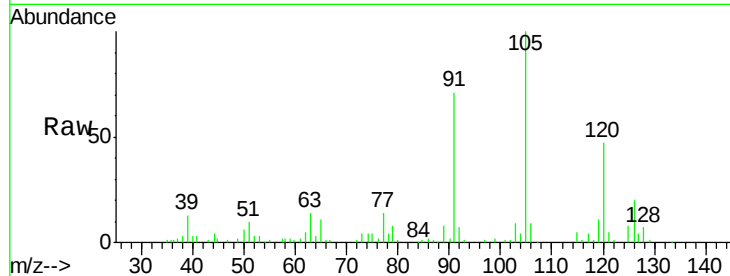
#80
 1,3,5-Trimethylbenzene
 Concen: 1.19 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX003239.D
 Acq: 09 Jul 2018 11:23

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion:105 Resp: 14893
 Ion Ratio Lower Upper
 105 100
 120 50.2 24.4 73.4

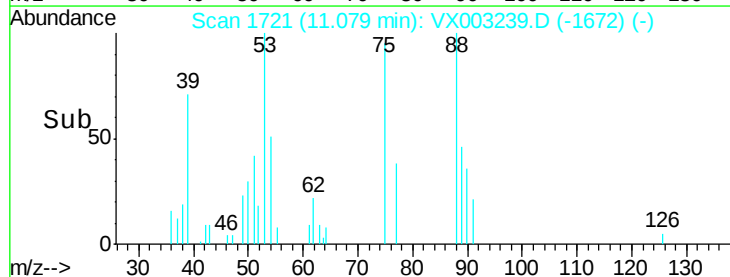
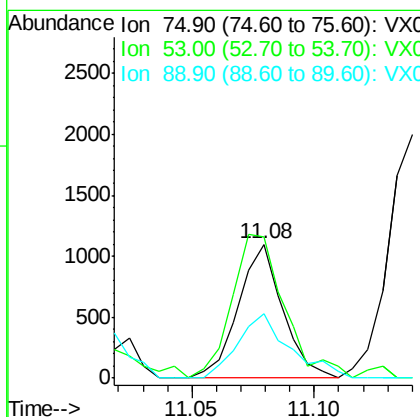
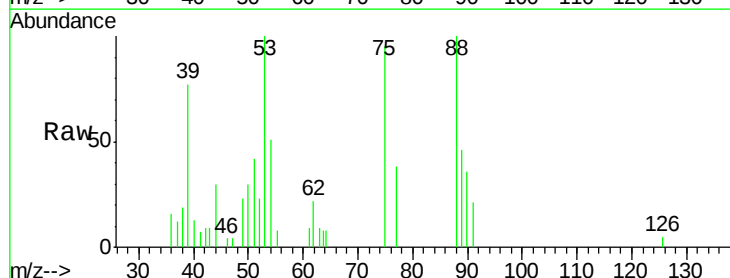
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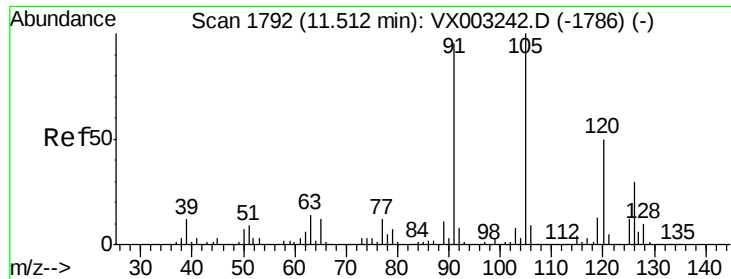
MMDadoda
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 1.17 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX003239.D
 Acq: 09 Jul 2018 11:23

Tgt Ion: 75 Resp: 1386
 Ion Ratio Lower Upper
 75 100
 53 127.1 86.8 130.2
 89 56.4 38.2 57.2





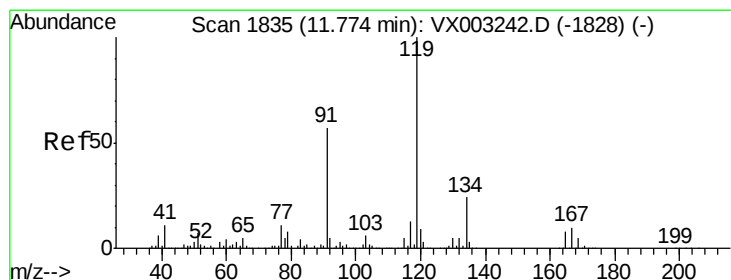
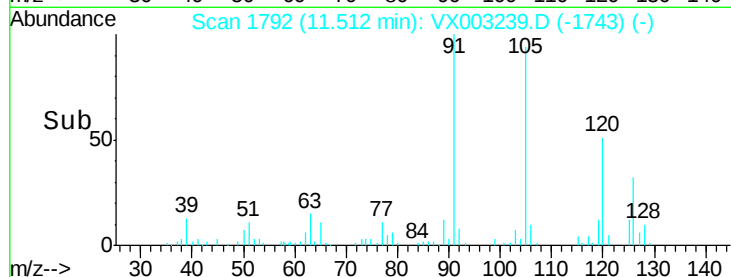
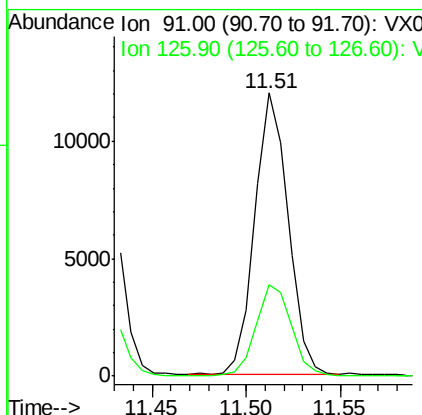
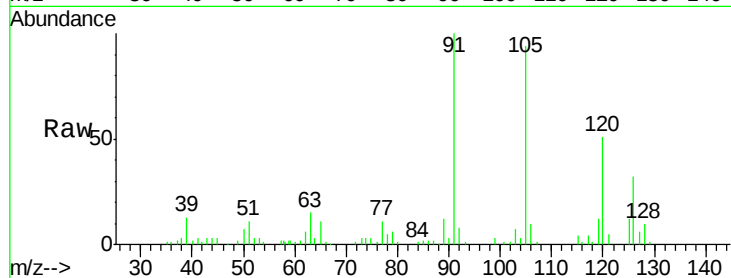
#82
4-Chlorotoluene
Concen: 1.22 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003239.D
Acq: 09 Jul 2018 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 91 Resp: 14788
Ion Ratio Lower Upper
91 100
126 34.4 15.4 46.4

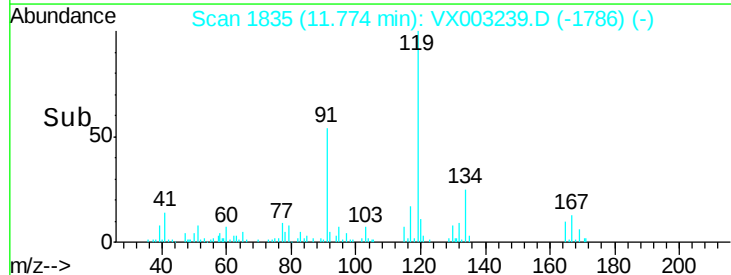
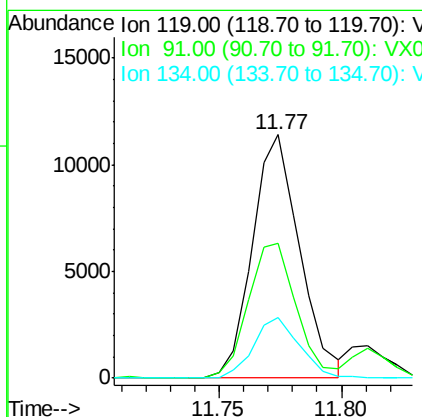
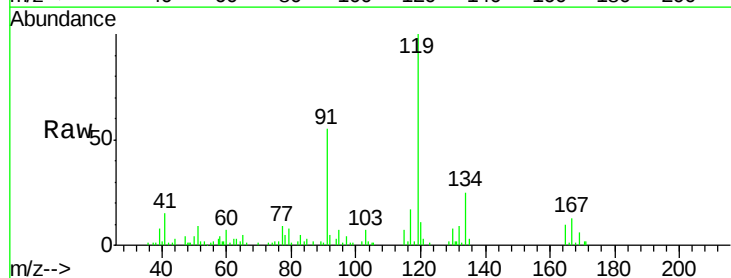
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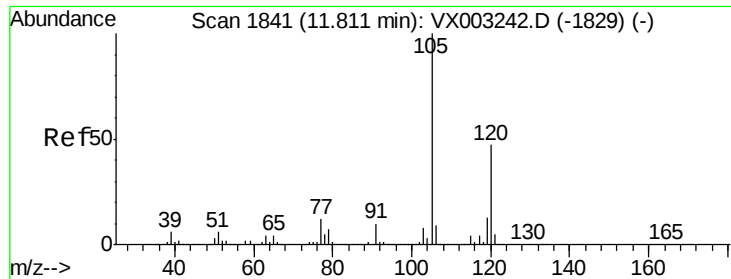
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#83
tert-Butylbenzene
Concen: 1.24 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003239.D
Acq: 09 Jul 2018 11:23

Tgt Ion: 119 Resp: 15292
Ion Ratio Lower Upper
119 100
91 56.6 30.3 90.9
134 24.1 11.7 35.1





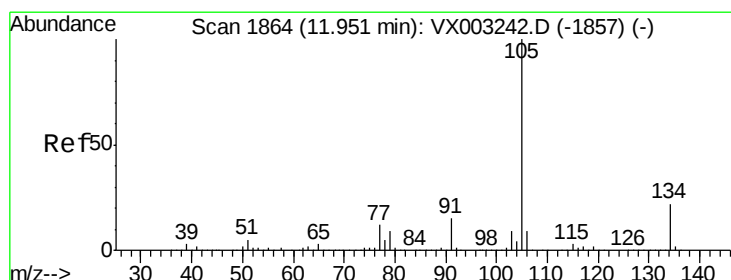
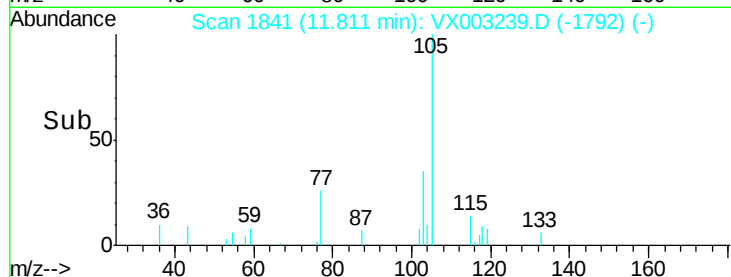
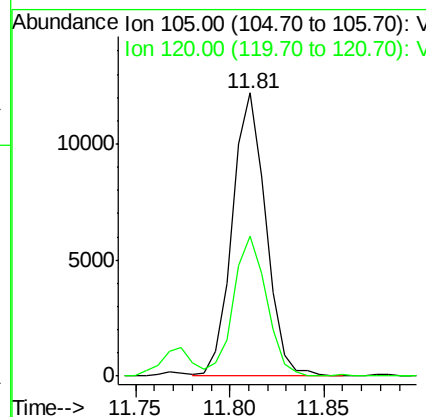
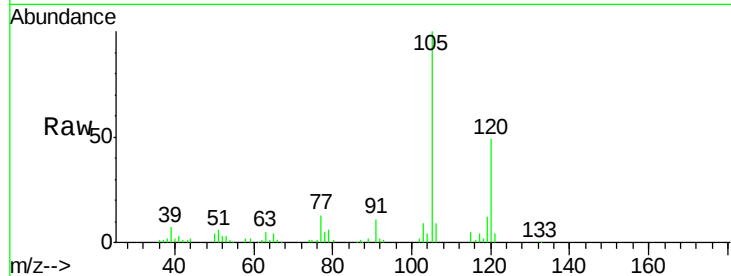
#84
 1,2,4-Trimethylbenzene
 Concen: 1.16 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003239.D
 Acq: 09 Jul 2018 11:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:105 Resp: 15038
 Ion Ratio Lower Upper
 105 100
 120 48.7 22.3 66.8

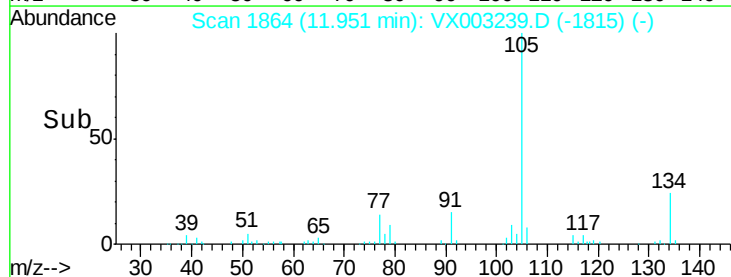
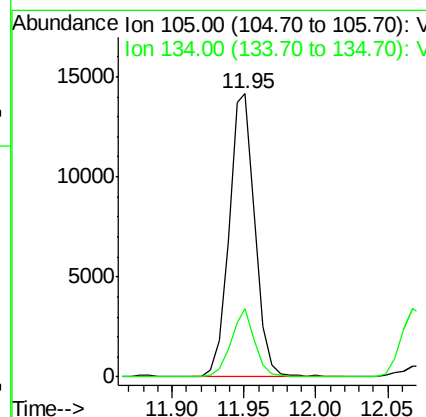
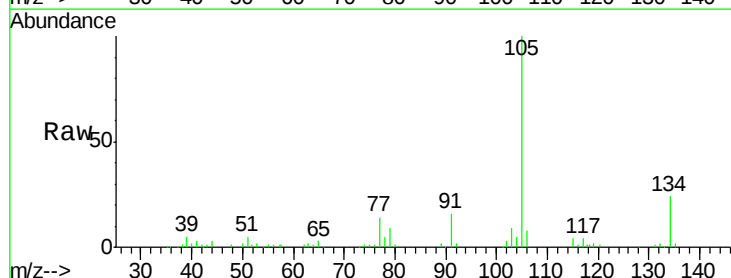
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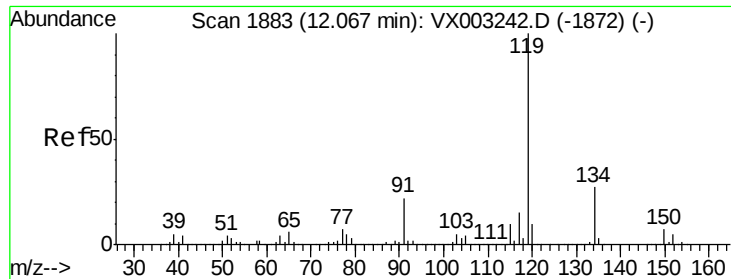
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#85
 sec-Butylbenzene
 Concen: 1.19 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003239.D
 Acq: 09 Jul 2018 11:23

Tgt Ion:105 Resp: 17827
 Ion Ratio Lower Upper
 105 100
 134 21.9 10.4 31.1





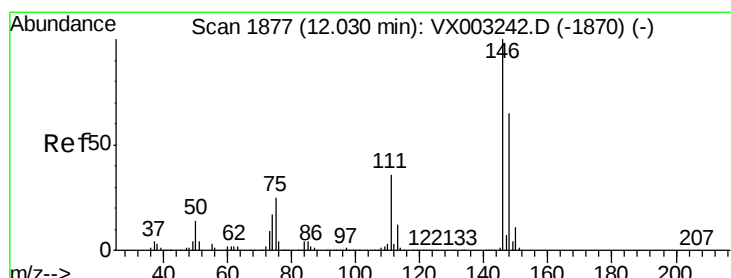
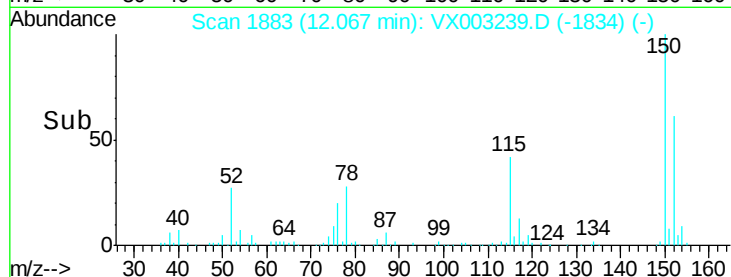
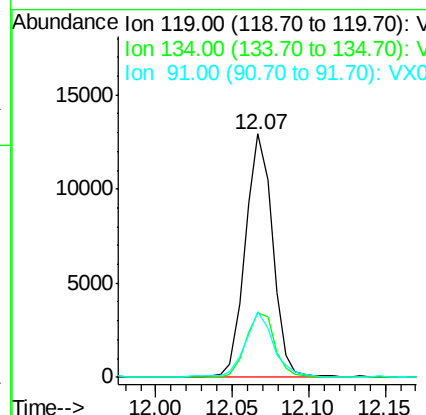
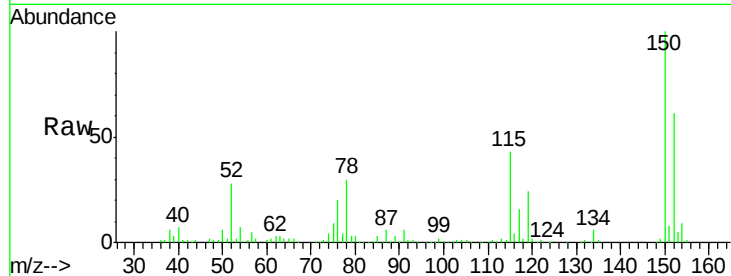
#86
p-Isopropyltoluene
Concen: 1.19 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003239.D
Acq: 09 Jul 2018 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
119	100	16027		
134	27.6		13.4	40.1
91	28.3		11.9	35.7

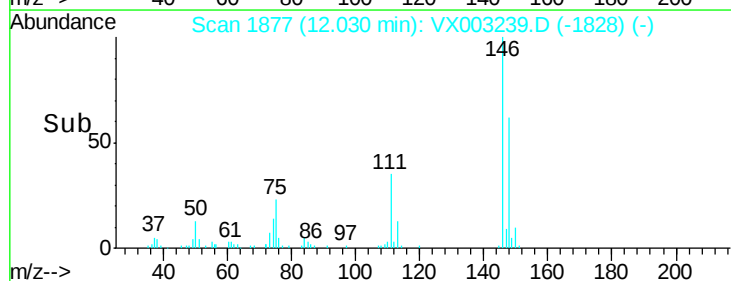
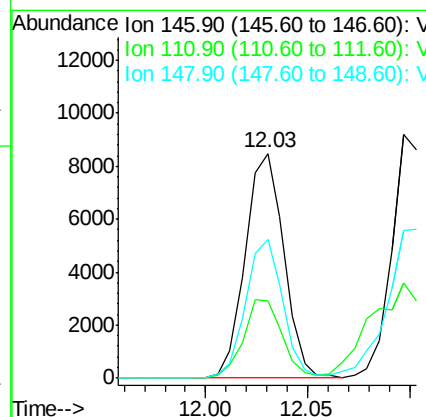
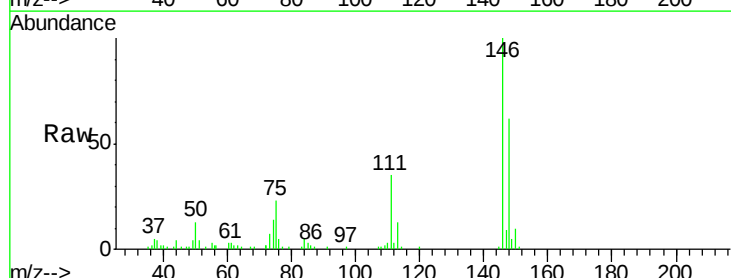
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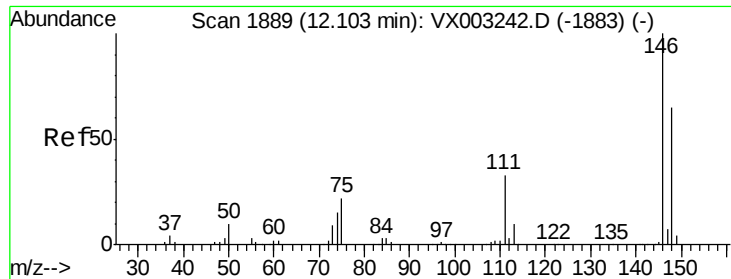
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#87
1,3-Dichlorobenzene
Concen: 1.44 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX003239.D
Acq: 09 Jul 2018 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	11121		
111	35.3		18.9	56.7
148	59.8		32.1	96.3





#88

1,4-Dichlorobenzene

Concen: 1.39 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.07 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Instrument :

MSVOA_X

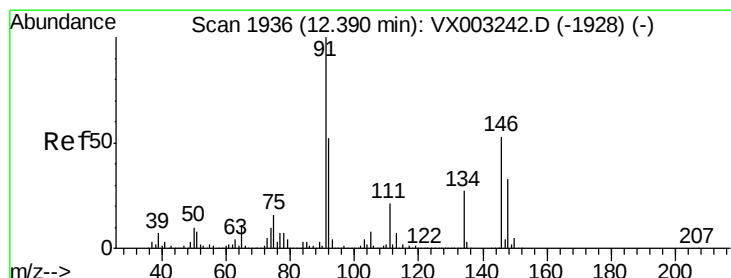
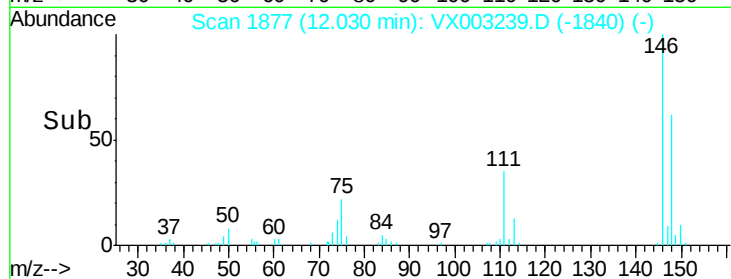
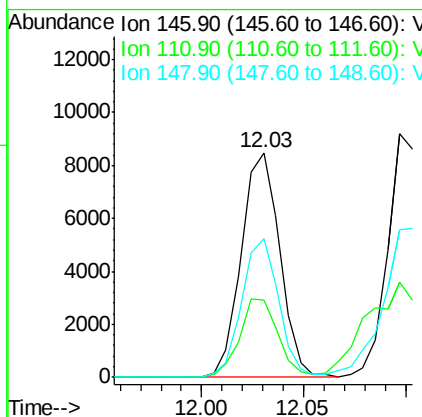
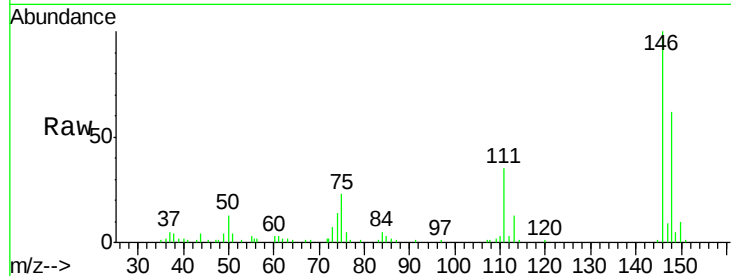
ClientSampled :

VSTDIC001

Tot Ion:	146	Resp:	11121
Ion Ratio	Lower	Upper	
146	100		
111	35.3	18.7	56.1
148	59.8	32.4	97.0

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#89

n-Butylbenzene

Concen: 1.19 ug/l

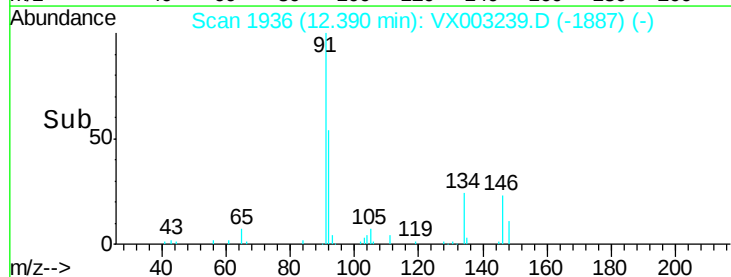
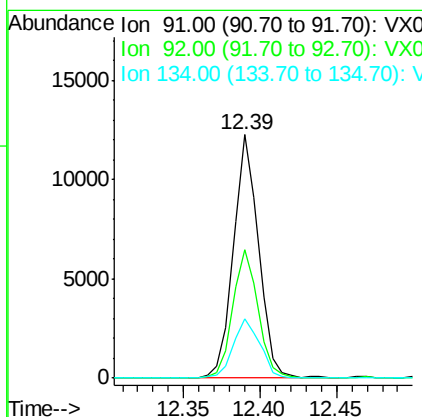
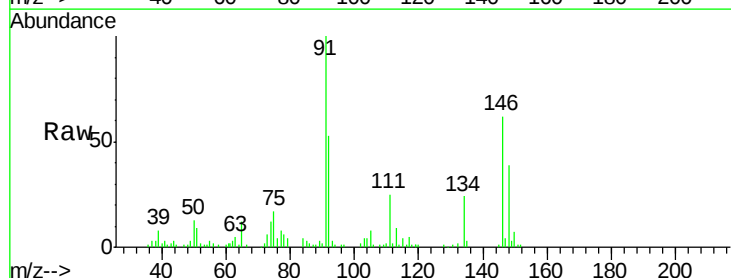
RT: 12.39 min Scan# 1936

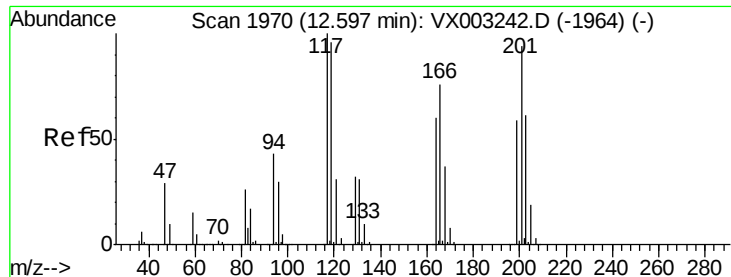
Delta R.T. 0.00 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Tgt Ion:	91	Resp:	13949
Ion Ratio	Lower	Upper	
91	100		
92	53.1	26.0	78.0
134	25.9	13.5	40.5





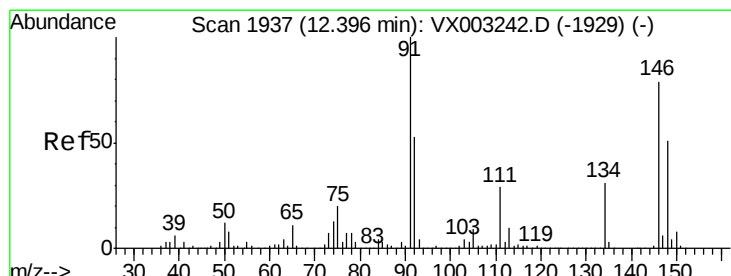
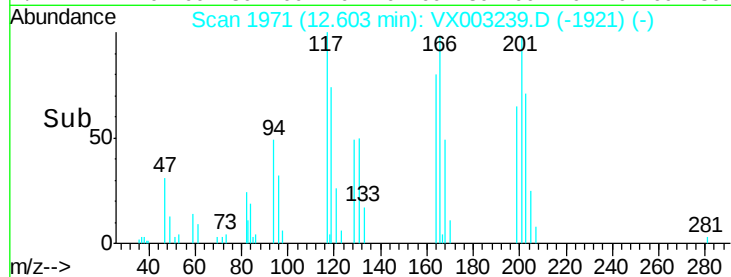
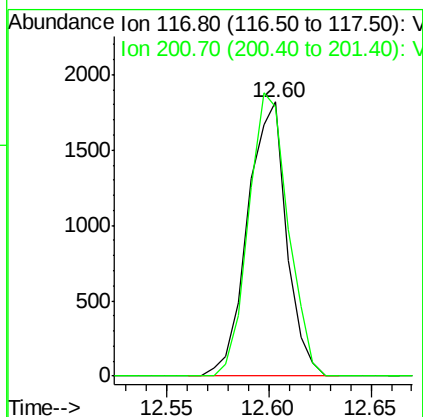
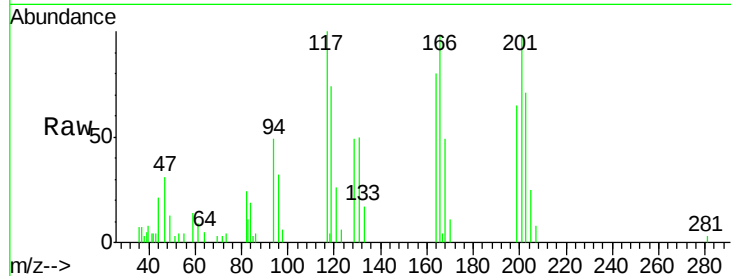
#90
Hexachloroethane
Concen: 1.20 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.01 min
Lab File: VX003239.D
Acq: 09 Jul 2018 11:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:117 Resp: 2412
Ion Ratio Lower Upper
117 100
201 105.0 49.0 147.0

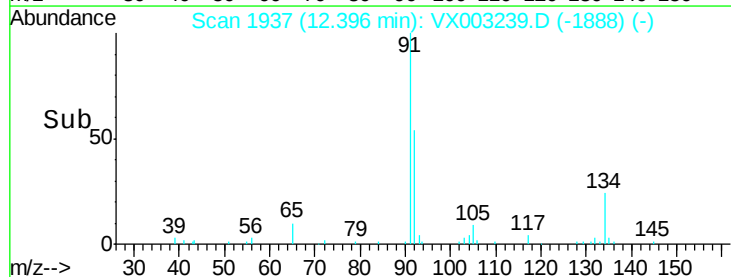
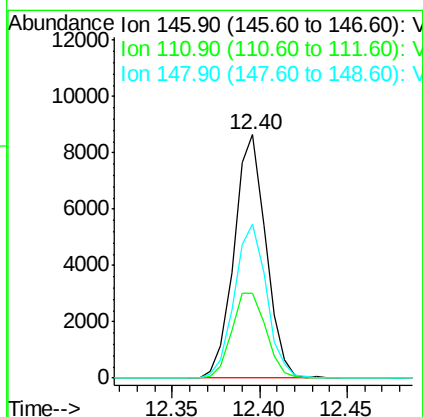
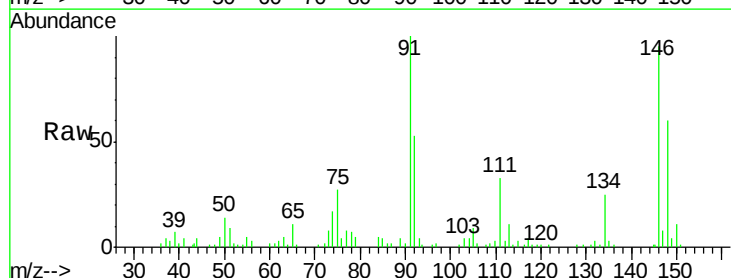
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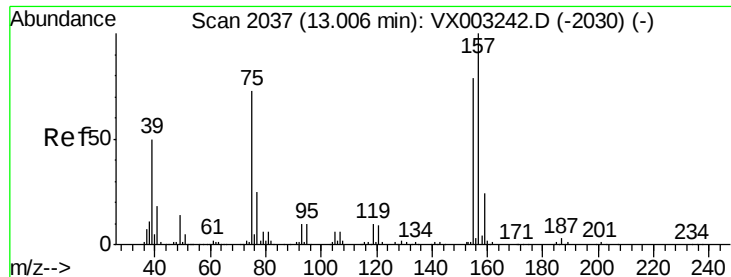
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#91
1,2-Dichlorobenzene
Concen: 1.40 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX003239.D
Acq: 09 Jul 2018 11:23

Tgt Ion:146 Resp: 10947
Ion Ratio Lower Upper
146 100
111 37.6 19.4 58.1
148 64.0 31.7 95.1





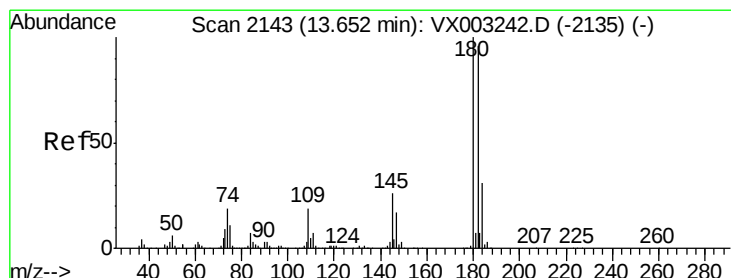
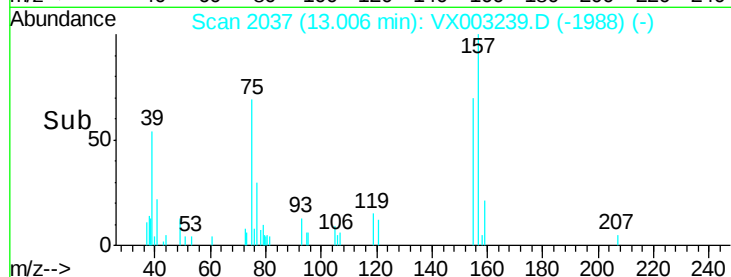
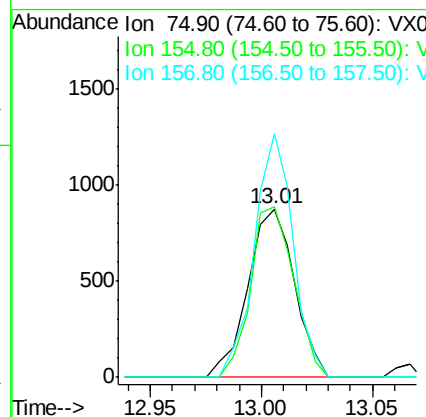
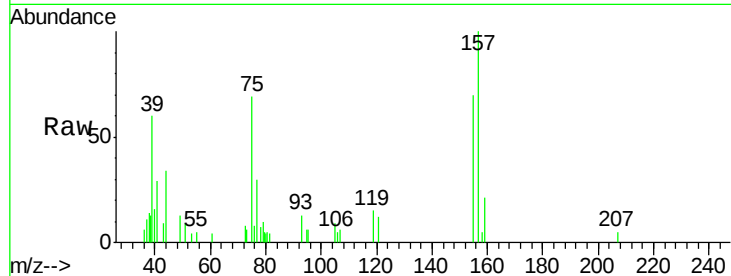
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.24 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003239.D
 Acq: 09 Jul 2018 11:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
155	94.0	45.8	137.4
157	120.0	60.1	180.3

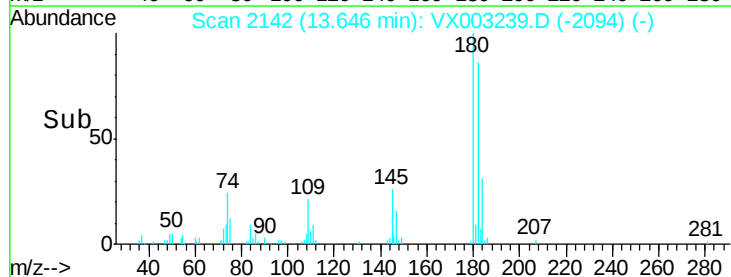
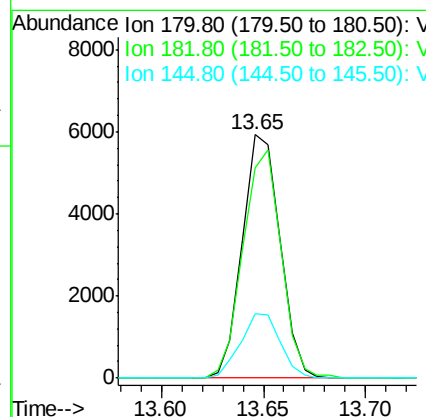
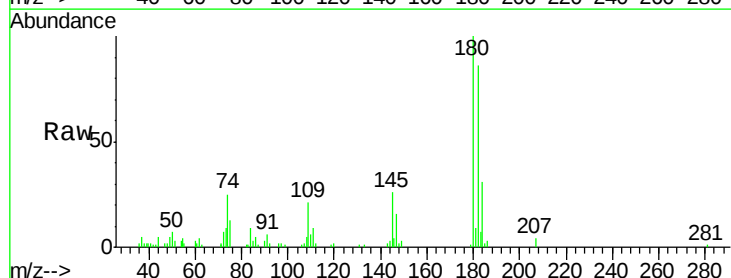
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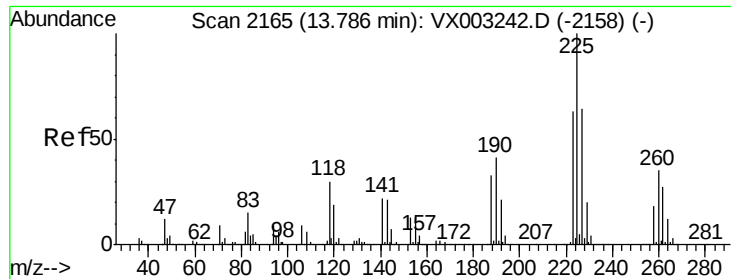
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#93
 1,2,4-Trichlorobenzene
 Concen: 1.34 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: VX003239.D
 Acq: 09 Jul 2018 11:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.7	143.1
145	27.8	14.1	42.4





#94

Hexachlorobutadiene

Concen: 1.39 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX003239.D

Acq: 09 Jul 2018 11:23

Instrument :

MSVOA_X

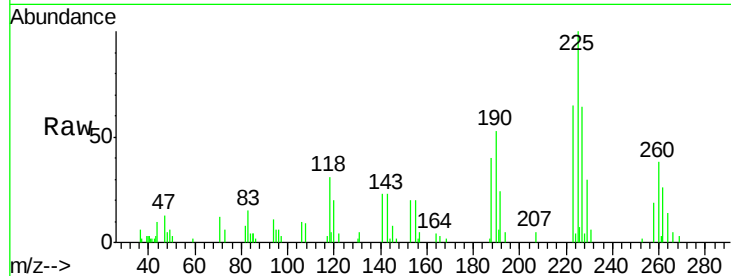
ClientSampleId :

VSTDIC001

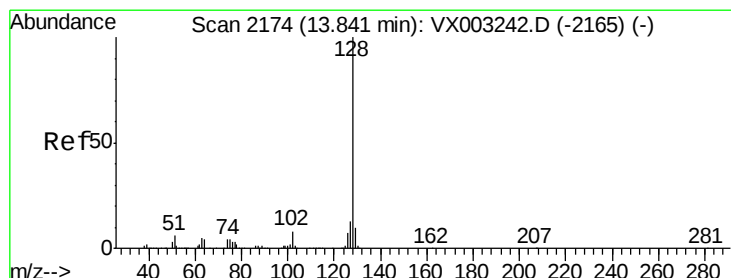
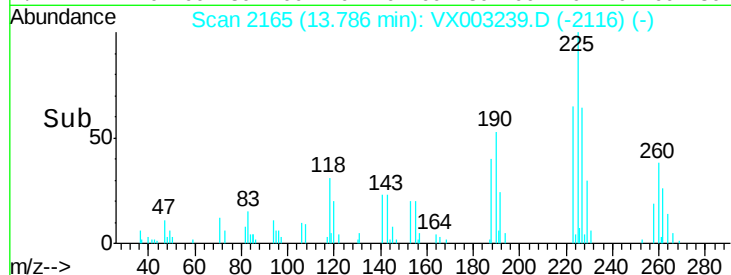
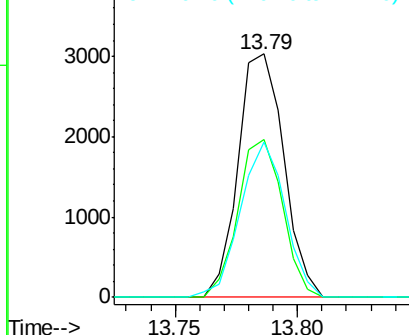
Tot Ion:	225	Resp:	3956
Ion Ratio	Lower	Upper	
225	100		
223	63.0	31.6	95.0
227	62.5	32.4	97.2

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



#95

Naphthalene

Concen: 1.12 ug/l

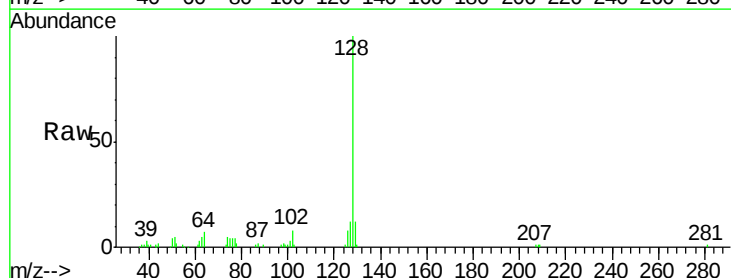
RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

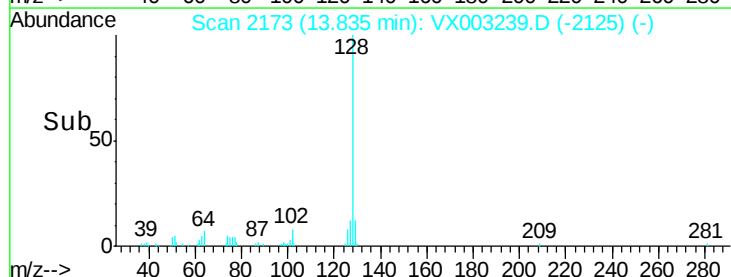
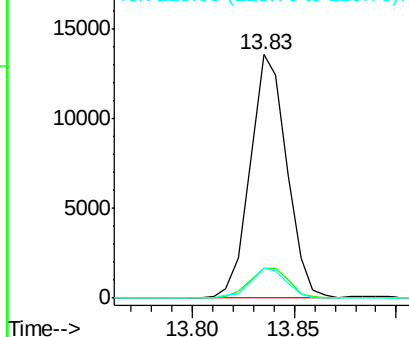
Lab File: VX003239.D

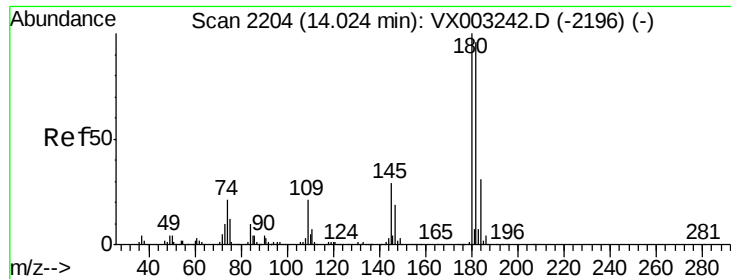
Acq: 09 Jul 2018 11:23

Tgt Ion:	128	Resp:	16993
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.4	15.6
129	12.1	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 1.27 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX003239.D
 Acq: 09 Jul 2018 11:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	101.9	48.0	144.0
145	31.7	14.8	44.3

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