

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX103018\
 Data File : VX005703.D
 Acq On : 30 Oct 2018 20:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/31/2018 11:07:17 AM

Quant Time: Oct 31 02:25:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	198739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	273635	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	256309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	147588	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	120413	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
35) Dibromofluoromethane	5.49	113	99745	53.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.66%	
50) Toluene-d8	8.72	98	350783	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
62) 4-Bromofluorobenzene	11.14	95	133164	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	126042	64.25	ug/l	92
3) Chloromethane	1.32	50	133368	53.39	ug/l	98
4) Vinyl Chloride	1.41	62	131448	53.51	ug/l	94
5) Bromomethane	1.64	94	61204	40.04	ug/l	97
6) Chloroethane	1.71	64	78133	49.79	ug/l	97
7) Trichlorofluoromethane	1.93	101	174895	51.24	ug/l	97
8) Diethyl Ether	2.19	74	67512	49.56	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	103265	52.73	ug/l	99
10) Methyl Iodide	2.51	142	95233	46.75	ug/l	99
11) Tert butyl alcohol	3.07	59	163408	250.31	ug/l	98
12) 1,1-Dichloroethene	2.37	96	93037	49.87	ug/l	90
13) Acrolein	2.29	56	63883	191.83	ug/l	96
14) Allyl chloride	2.73	41	202253	48.58	ug/l	99
15) Acrylonitrile	3.15	53	368422	251.67	ug/l	98
16) Acetone	2.45	43	323985	252.73	ug/l	99
17) Carbon Disulfide	2.57	76	284941	50.11	ug/l	99
18) Methyl Acetate	2.78	43	188668	59.86	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	342060	51.40	ug/l	94
20) Methylene Chloride	2.85	84	110729	51.57	ug/l	81
21) trans-1,2-Dichloroethene	3.17	96	100230	49.21	ug/l	97
22) Diisopropyl ether	3.88	45	356233	48.99	ug/l	# 86
23) Vinyl Acetate	3.82	43	1677198	261.92	ug/l	97
24) 1,1-Dichloroethane	3.70	63	201685	51.02	ug/l	99
25) 2-Butanone	4.70	43	518275	265.49	ug/l	93
26) 2,2-Dichloropropane	4.58	77	135110	44.27	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	107198	48.82	ug/l	95
28) Bromochloromethane	5.02	49	102250	53.48	ug/l	99
29) Tetrahydrofuran	5.15	42	343563	270.44	ug/l	98
30) Chloroform	5.21	83	194038	52.48	ug/l	94
31) Cyclohexane	5.57	56	165774	50.69	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	162038	49.65	ug/l	99
36) 1,1-Dichloropropene	5.80	75	130397	49.10	ug/l	97
37) Ethyl Acetate	4.85	43	181416	53.54	ug/l	99
38) Carbon Tetrachloride	5.78	117	142521	50.96	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	149478	50.98	ug/l	97
40) Benzene	6.14	78	412316	54.16	ug/l	98
41) Methacrylonitrile	5.06	41	105127	55.69	ug/l	98
42) 1,2-Dichloroethane	6.20	62	149994	51.87	ug/l	99
43) Isopropyl Acetate	6.46	43	254974	50.21	ug/l	97
44) Trichloroethene	7.21	130	106398	51.31	ug/l	98
45) 1,2-Dichloropropane	7.52	63	106574	52.07	ug/l	99
46) Dibromomethane	7.66	93	67107	50.77	ug/l	98
47) Bromodichloromethane	7.90	83	134270	52.34	ug/l	97
48) Methyl methacrylate	7.77	41	132018	53.37	ug/l	100
49) 1,4-Dioxane	7.75	88	54217	1002.90	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	889700	260.70	ug/l	99
52) Toluene	8.79	92	242671	52.45	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	145753	52.57	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	156878	52.55	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	99715	51.12	ug/l	99
56) Ethyl methacrylate	9.18	69	157294	54.06	ug/l	99
57) 1,3-Dichloropropane	9.37	76	169483	51.35	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	414211	254.91	ug/l	100
59) 2-Hexanone	9.49	43	704982	262.00	ug/l	99
60) Dibromochloromethane	9.59	129	109255	53.69	ug/l	99
61) 1,2-Dibromoethane	9.67	107	104920	51.99	ug/l	100
64) Tetrachloroethene	9.34	164	110427	51.90	ug/l	98
65) Chlorobenzene	10.14	112	274445	50.28	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	102322	51.41	ug/l	100
67) Ethyl Benzene	10.25	91	471291	52.48	ug/l	100
68) m/p-Xylenes	10.36	106	365337	104.86	ug/l	100
69) o-Xylene	10.70	106	176290	53.78	ug/l	100
70) Styrene	10.71	104	298684	54.43	ug/l	99
71) Bromoform	10.86	173	91349	51.44	ug/l	99
73) Isopropylbenzene	11.02	105	482442	53.48	ug/l	99
74) N-amyl acetate	10.90	43	232030	51.90	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	163747	49.20	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	153842m	49.20	ug/l	
77) Bromobenzene	11.26	156	128459	51.09	ug/l	99
78) n-propylbenzene	11.36	91	555485	53.85	ug/l	99
79) 2-Chlorotoluene	11.42	91	329567	51.52	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	412077	53.39	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	45827	47.89	ug/l	98
82) 4-Chlorotoluene	11.51	91	390655	51.80	ug/l	100
83) tert-Butylbenzene	11.77	119	404945	52.64	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	426248	54.49	ug/l	100
85) sec-Butylbenzene	11.94	105	490932	53.48	ug/l	100
86) p-Isopropyltoluene	12.07	119	445850	54.33	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	239303	50.61	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	242575	49.15	ug/l	100
89) n-Butylbenzene	12.39	91	387343	52.29	ug/l	100
90) Hexachloroethane	12.60	117	73758	52.11	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	242905	50.78	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41373	51.41	ug/l	98

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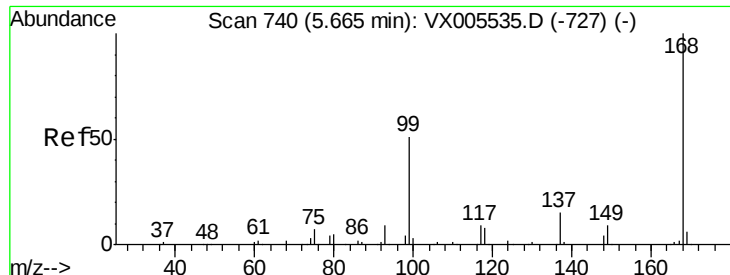
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	179625	51.80	ug/l	99
94) Hexachlorobutadiene	13.79	225	87935	48.94	ug/l	99
95) Naphthalene	13.83	128	560426	55.60	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	185923	52.89	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005703.D

Acq: 30 Oct 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 168 Resp: 198739

Ion Ratio Lower Upper

168 100

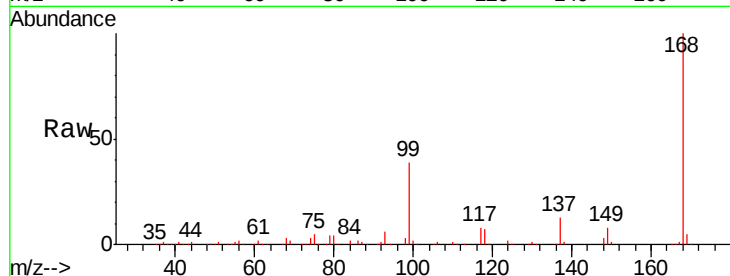
99 39.4 40.7 61.1#

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

5.67

80000

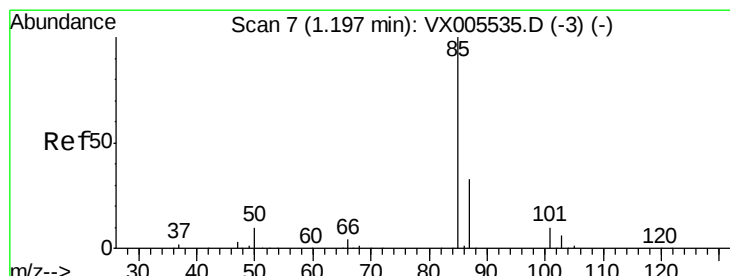
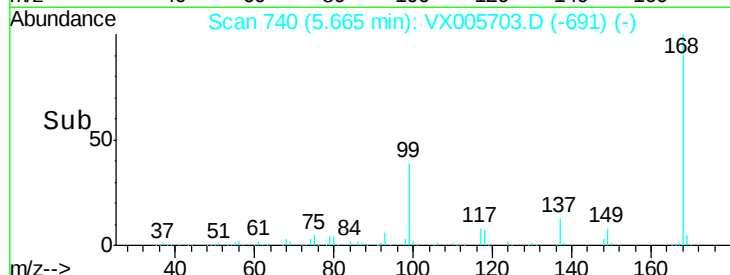
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 64.25 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005703.D

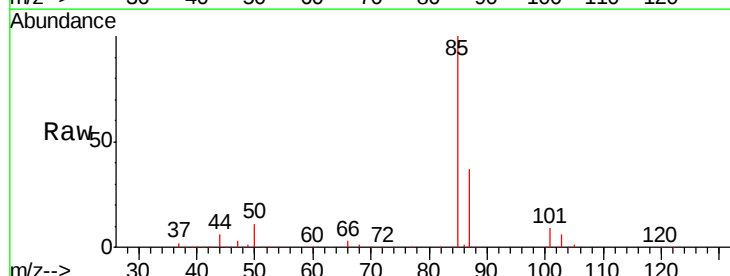
Acq: 30 Oct 2018 20:20

Tgt Ion: 85 Resp: 126042

Ion Ratio Lower Upper

85 100

87 37.0 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

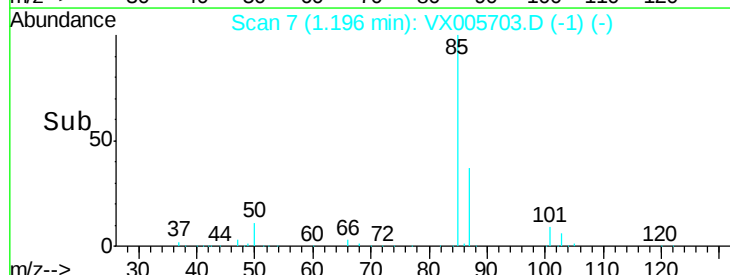
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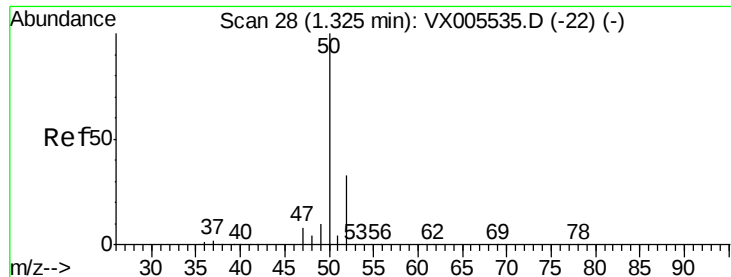
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50000

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Time-->





#3

Chloromethane

Concen: 53.39 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005703.D

Acq: 30 Oct 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 133368

Ion Ratio Lower Upper

50 100

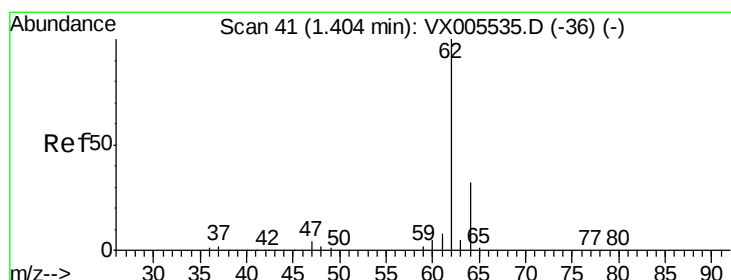
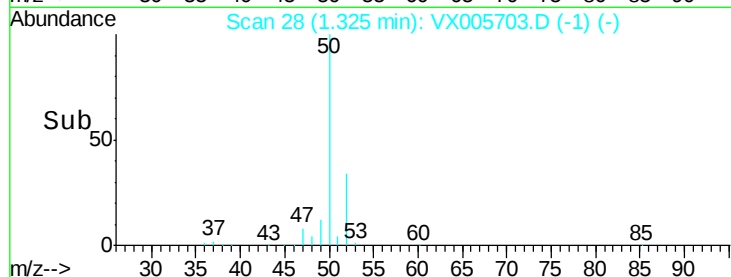
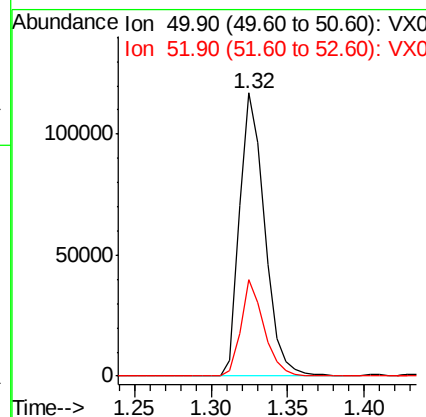
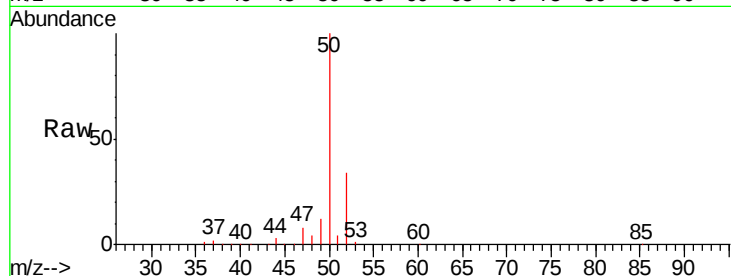
52 34.0 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 53.51 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005703.D

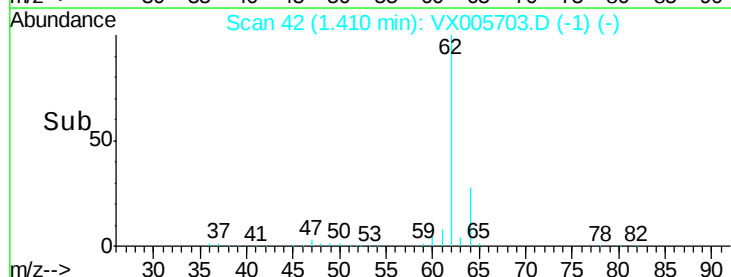
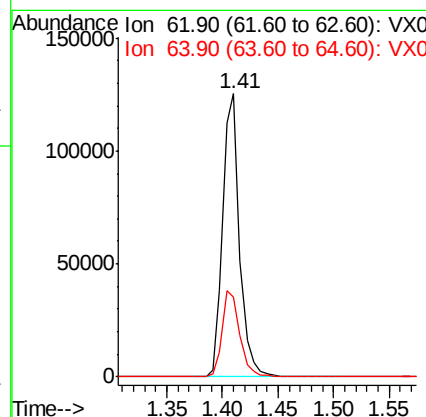
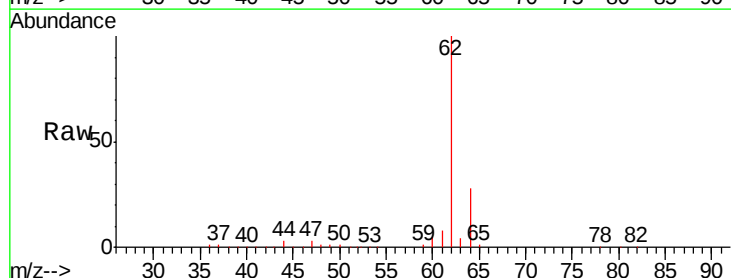
Acq: 30 Oct 2018 20:20

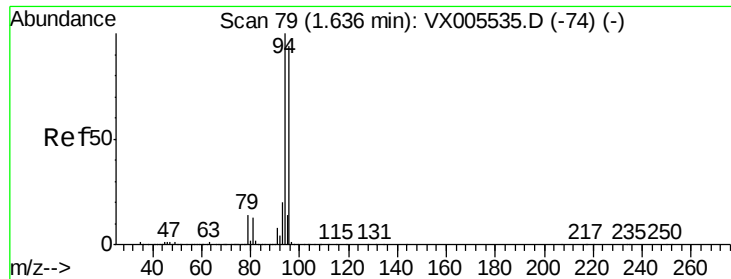
Tgt Ion: 62 Resp: 131448

Ion Ratio Lower Upper

62 100

64 28.3 25.3 37.9





#5

Bromomethane

Concen: 40.04 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005703.D

Acq: 30 Oct 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 61204

Ion Ratio Lower Upper

94 100

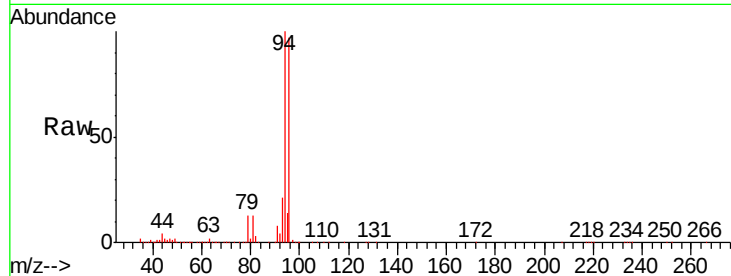
96 97.2 75.2 112.8

Manual Integrations

APPROVED

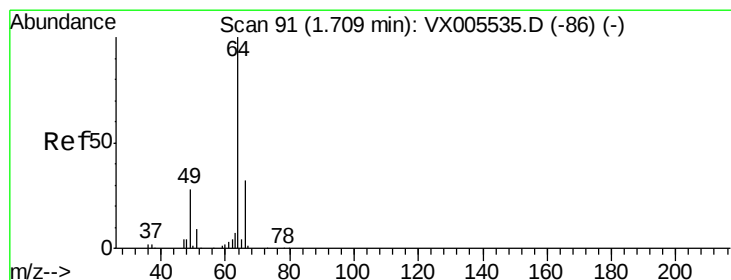
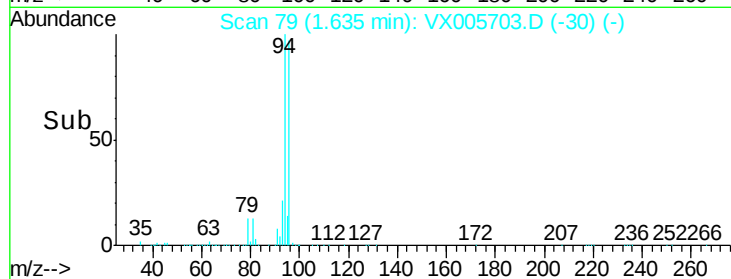
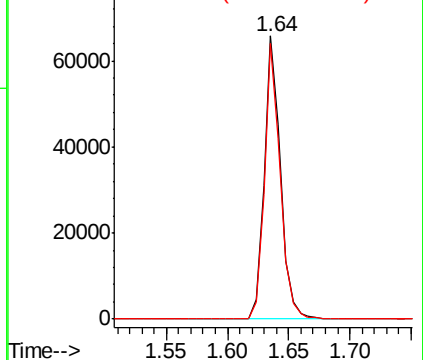
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.79 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX005703.D

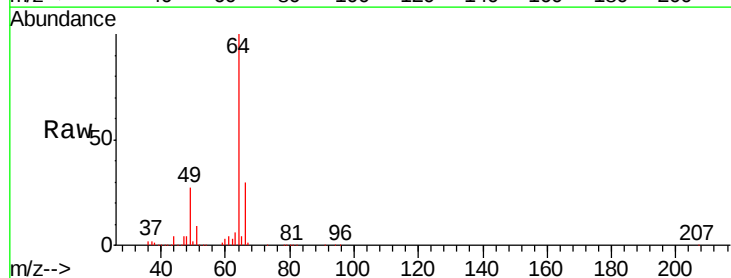
Acq: 30 Oct 2018 20:20

Tgt Ion: 64 Resp: 78133

Ion Ratio Lower Upper

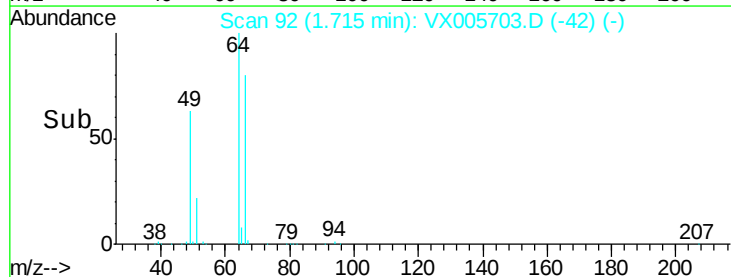
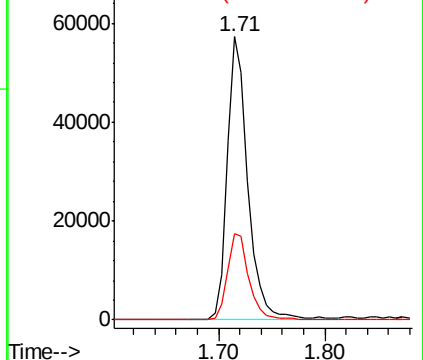
64 100

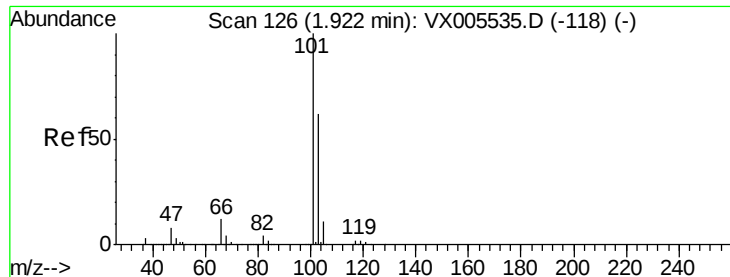
66 30.4 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

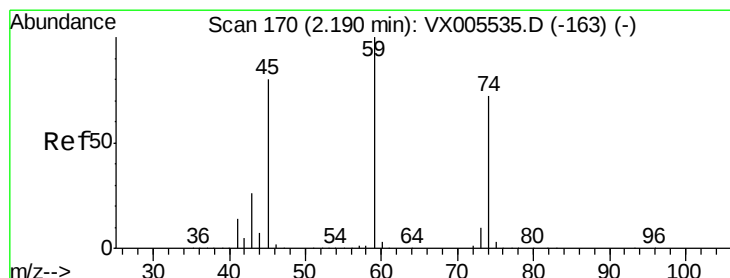
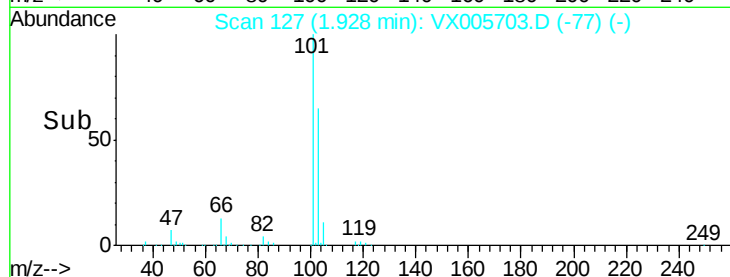
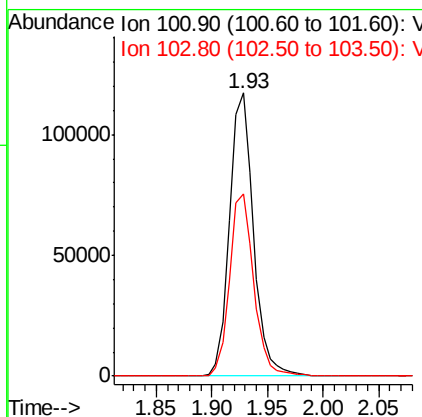
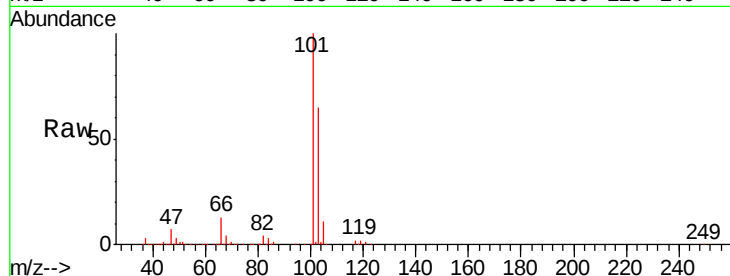
Trichlorofluoromethane
 Concen: 51.24 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX005703.D
 Acq: 30 Oct 2018 20:20

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 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.5	50.0	75.0

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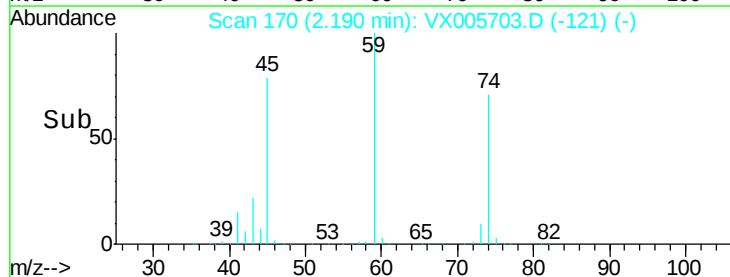
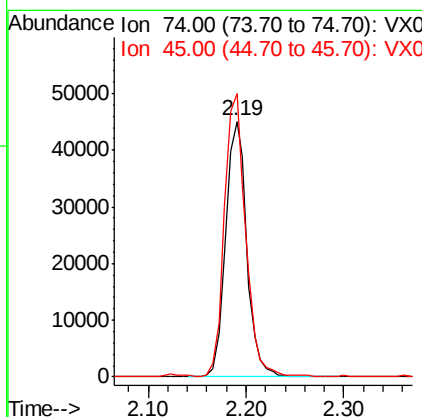
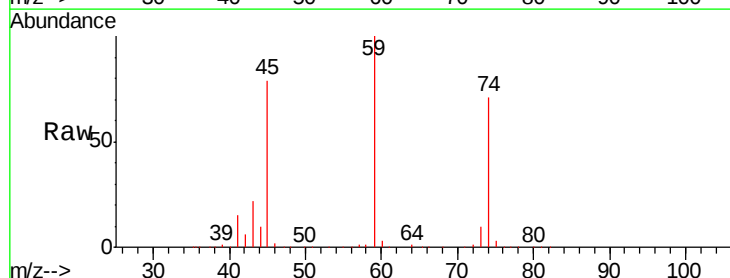
MMDadoda
 10/31/2018 11:07:17 AM

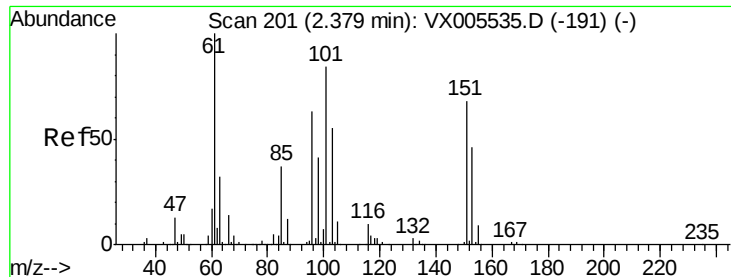


#8

Diethyl Ether
 Concen: 49.56 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005703.D
 Acq: 30 Oct 2018 20:20

Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.3	54.1	162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.73 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005703.D

Acq: 30 Oct 2018 20:20

Instrument :

MSVOA_X

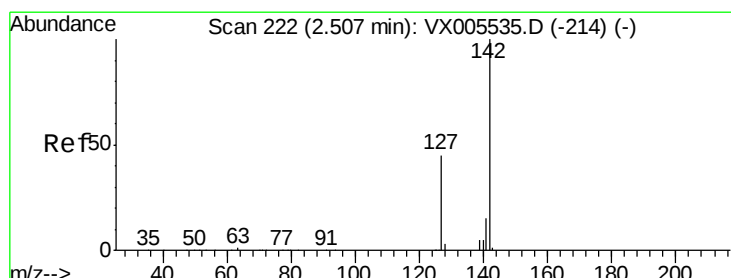
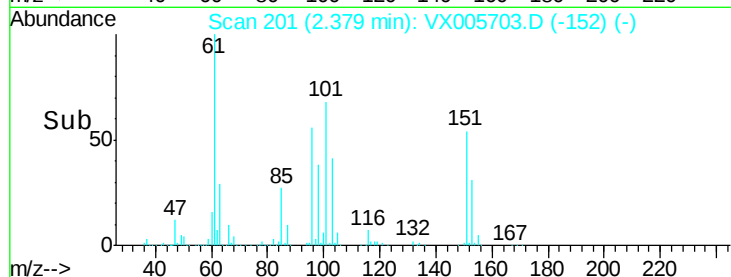
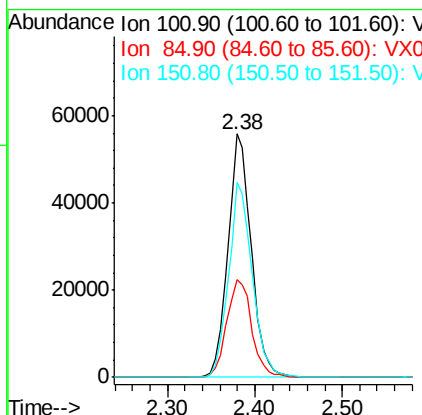
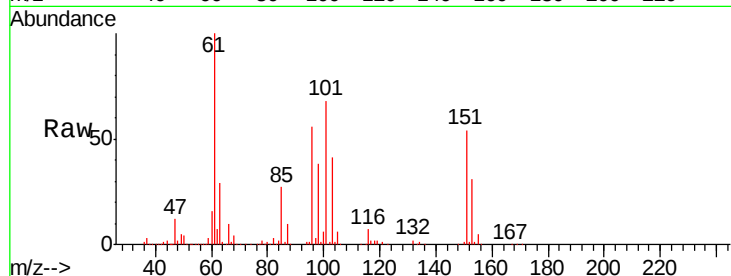
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	103265
Ion Ratio	Lower	Upper	
101	100		
85	43.2	35.0	52.4
151	81.5	66.2	99.2

Manual Integrations
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#10

Methyl Iodide

Concen: 46.75 ug/l

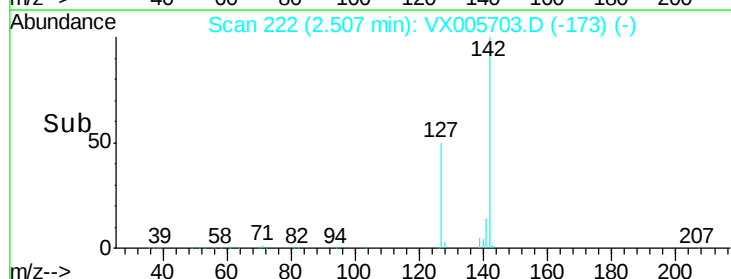
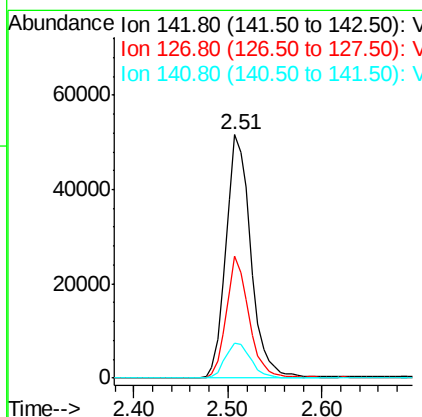
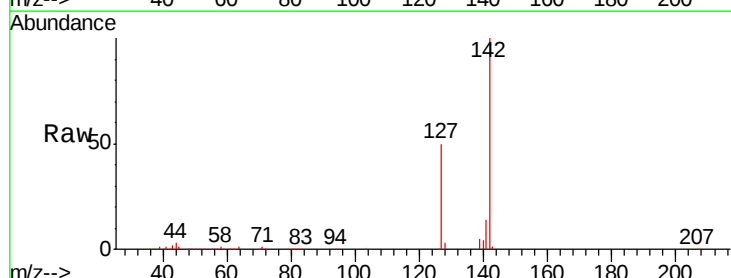
RT: 2.51 min Scan# 222

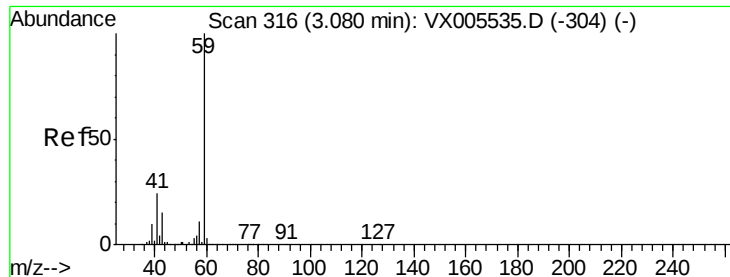
Delta R.T. 0.00 min

Lab File: VX005703.D

Acq: 30 Oct 2018 20:20

Tgt Ion:	142	Resp:	95233
Ion Ratio	Lower	Upper	
142	100		
127	45.3	36.0	54.0
141	14.9	11.7	17.5





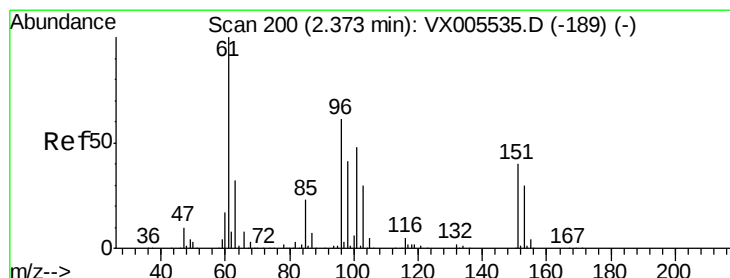
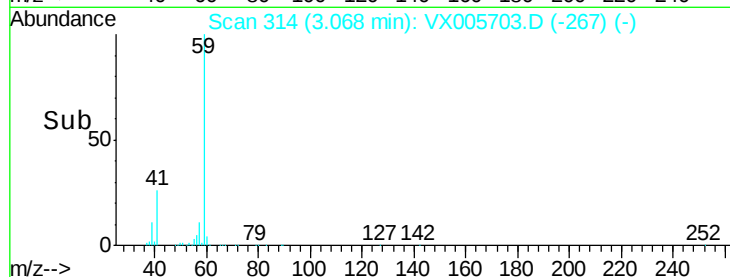
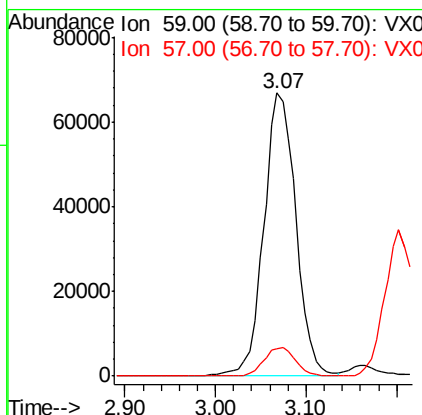
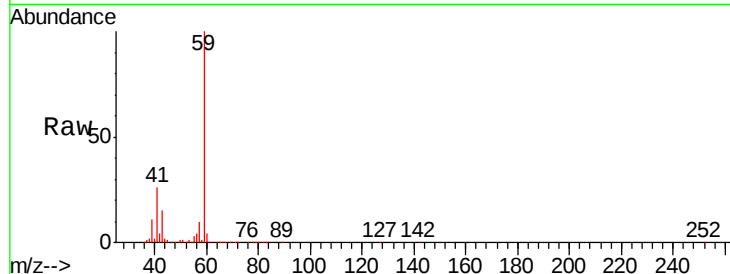
#11
Tert butyl alcohol
Concen: 250.31 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX005703.D
Acq: 30 Oct 2018 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 163408
Ion Ratio Lower Upper
59 100
57 10.0 8.5 12.7

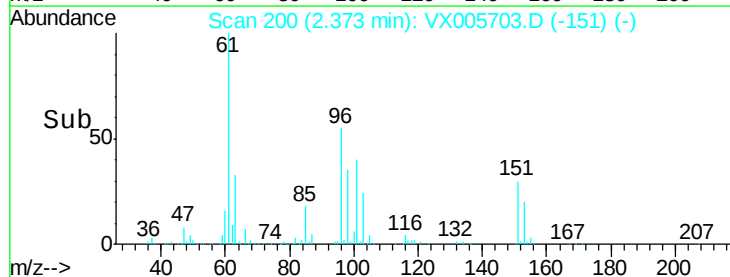
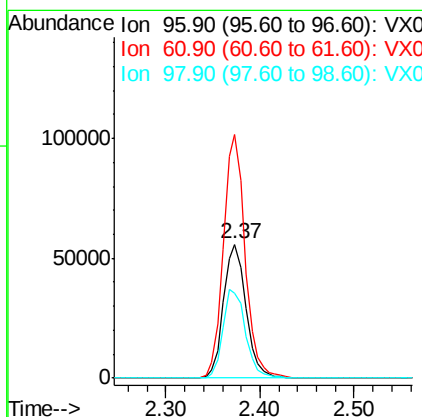
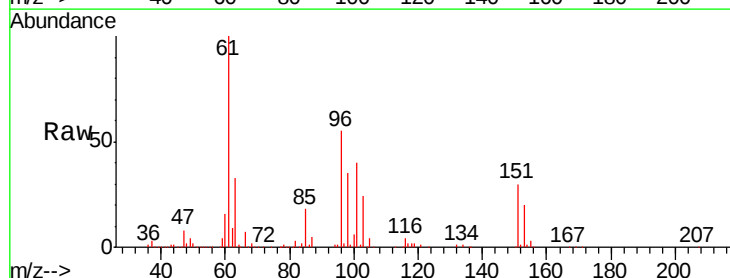
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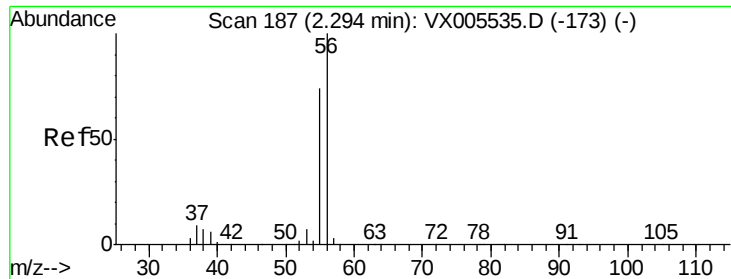
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#12
1,1-Dichloroethene
Concen: 49.87 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005703.D
Acq: 30 Oct 2018 20:20

Tgt Ion: 96 Resp: 93037
Ion Ratio Lower Upper
96 100
61 182.3 131.8 197.8
98 63.6 53.4 80.2





#13

Acrolein

Concen: 191.83 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005703.D

Acq: 30 Oct 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 63883

Ion Ratio Lower Upper

56 100

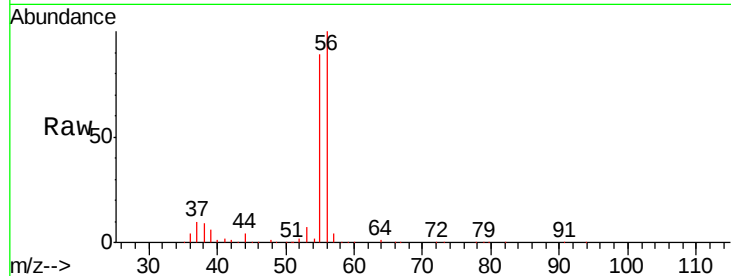
55 75.1 57.3 85.9

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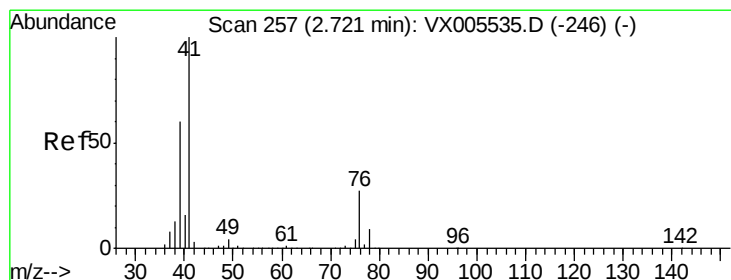
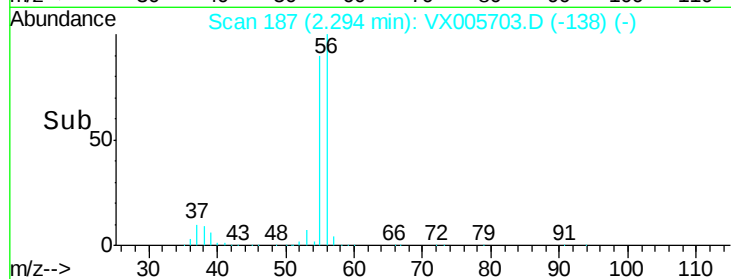
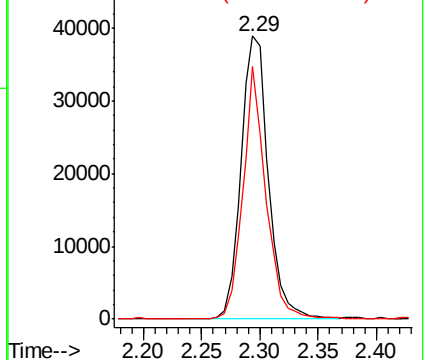
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 48.58 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005703.D

Acq: 30 Oct 2018 20:20

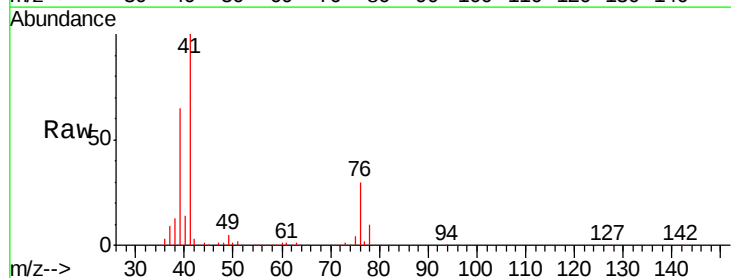
Tgt Ion: 41 Resp: 202253

Ion Ratio Lower Upper

41 100

39 60.8 48.2 72.4

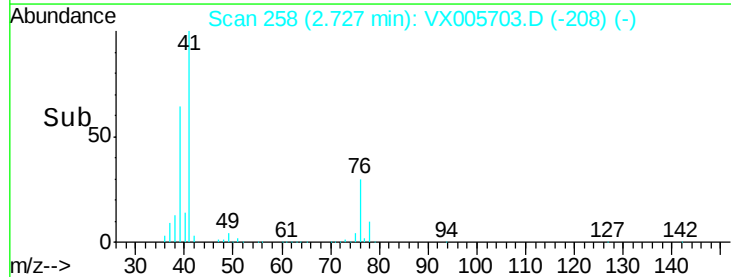
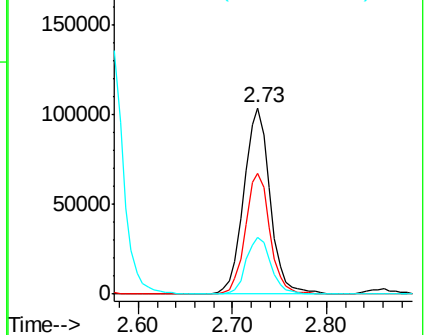
76 28.6 21.9 32.9

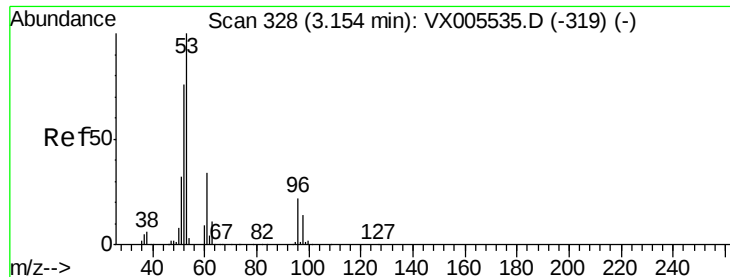


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 251.67 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005703.D

Acq: 30 Oct 2018 20:20

Instrument :

MSVOA_X

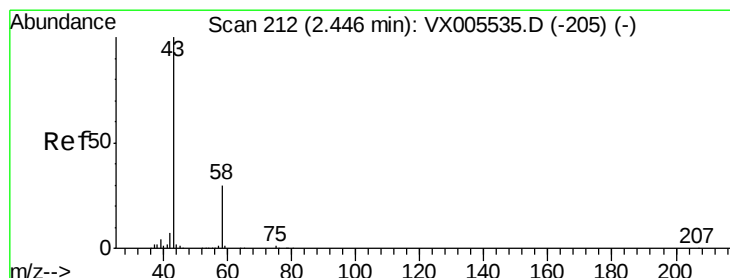
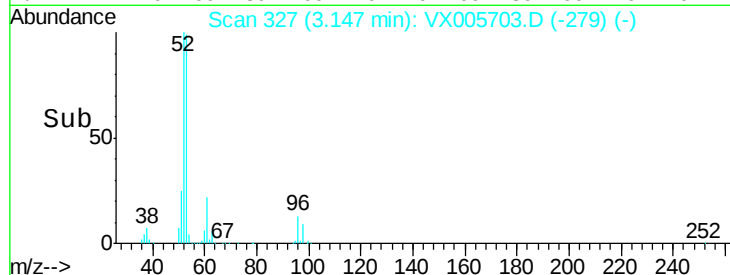
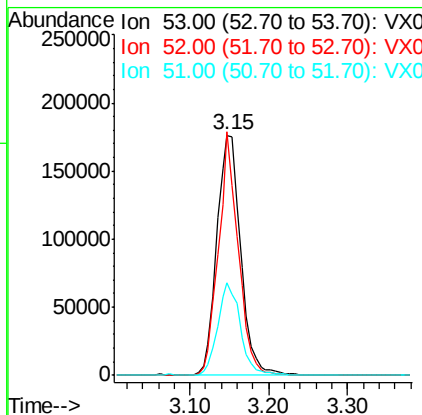
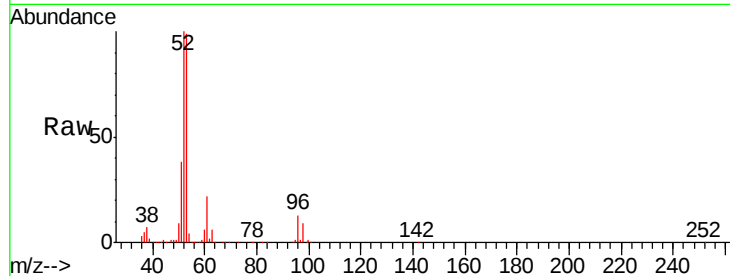
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	368422
Ion	Ratio	Lower	Upper
53	100		
52	84.9	66.6	99.8
51	36.6	28.4	42.6

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#16

Acetone

Concen: 252.73 ug/l

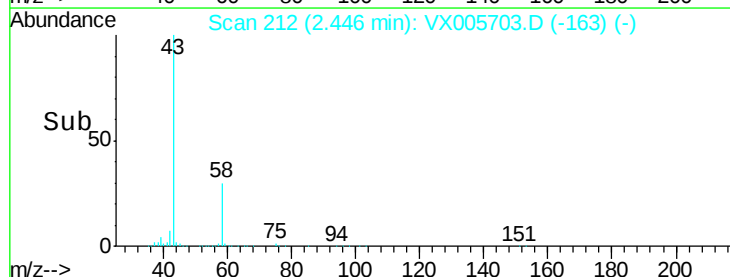
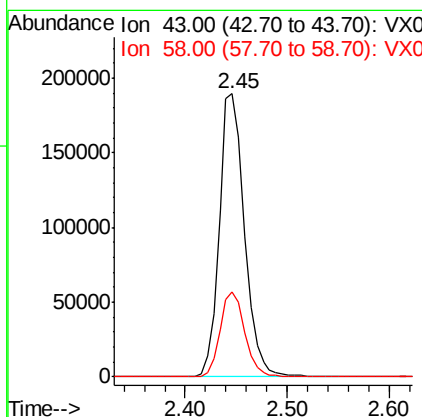
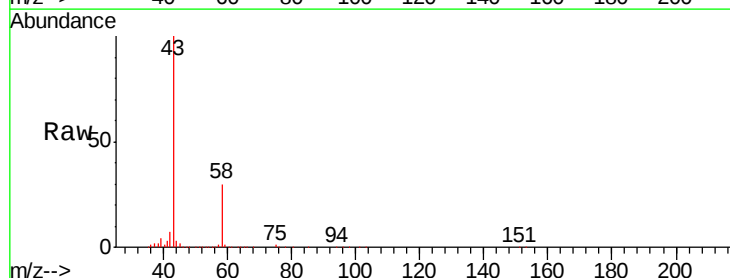
RT: 2.45 min Scan# 212

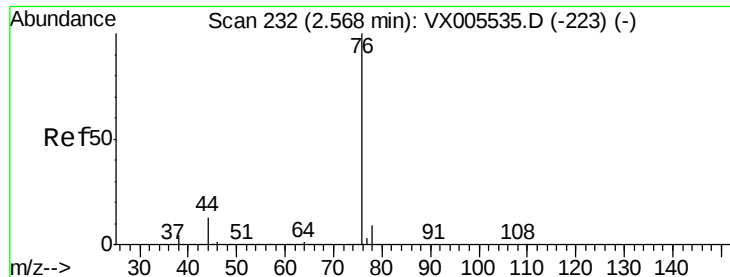
Delta R.T. -0.00 min

Lab File: VX005703.D

Acq: 30 Oct 2018 20:20

Tgt Ion:	43	Resp:	323985
Ion	Ratio	Lower	Upper
43	100		
58	30.1	23.8	35.6





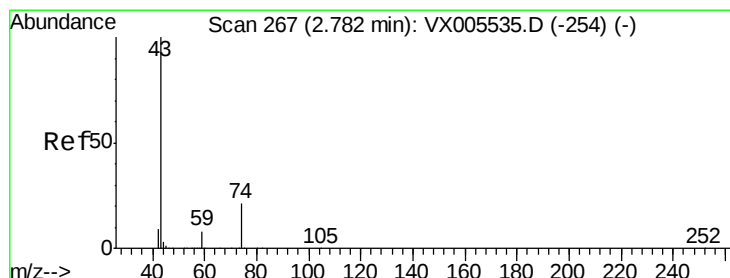
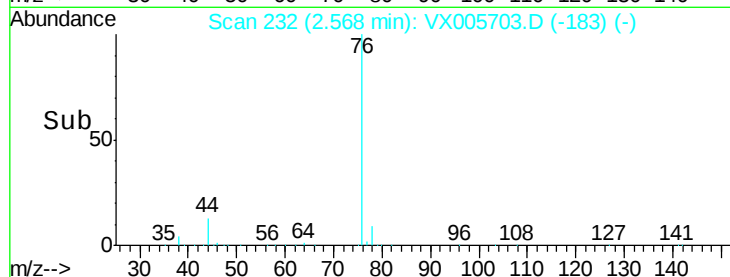
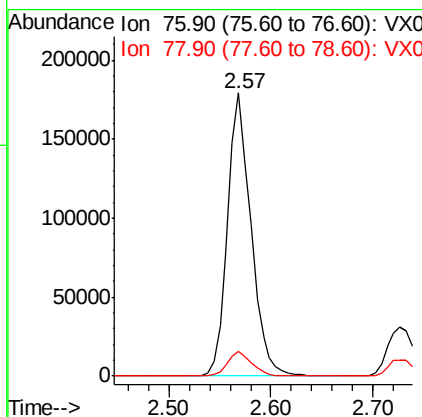
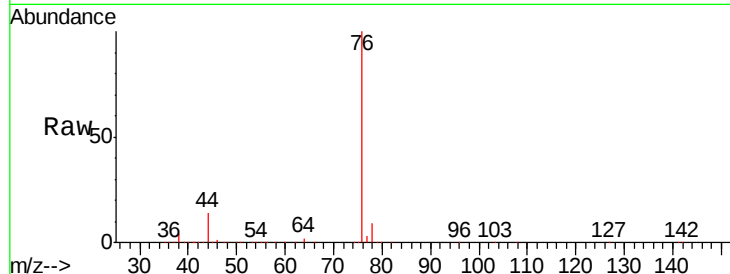
#17
Carbon Disulfide
Concen: 50.11 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005703.D
Acq: 30 Oct 2018 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.3	10.9

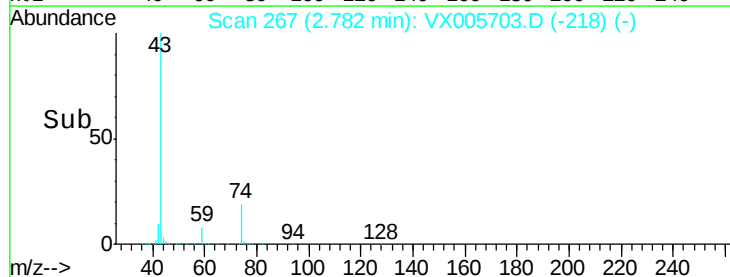
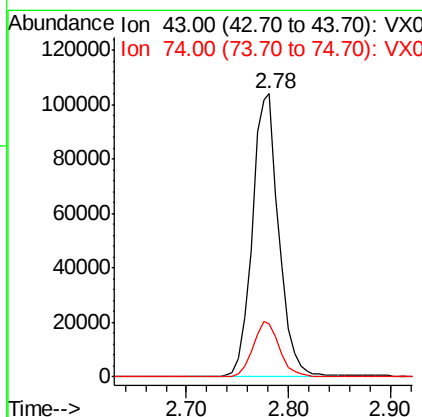
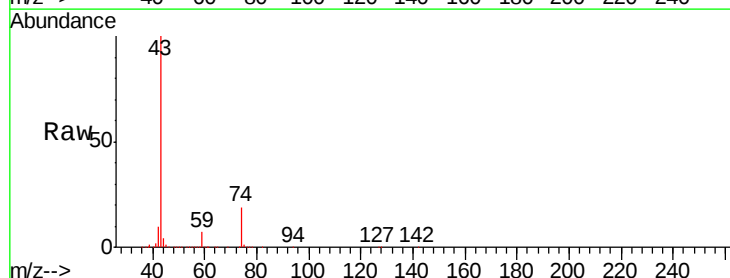
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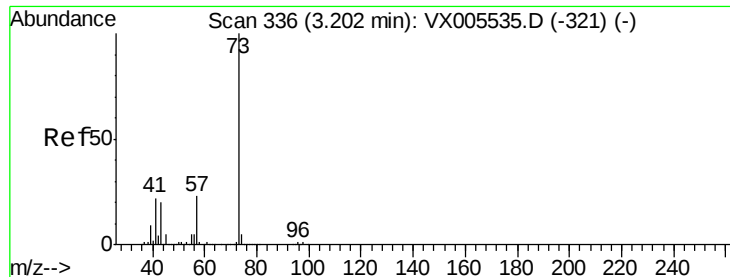
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#18
Methyl Acetate
Concen: 59.86 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005703.D
Acq: 30 Oct 2018 20:20

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.9	16.8	25.2





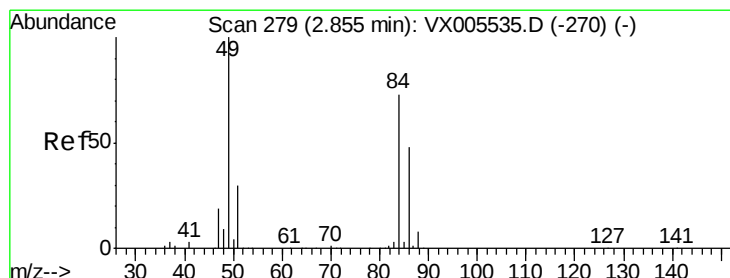
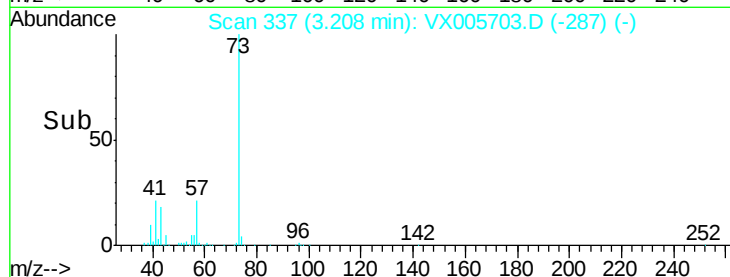
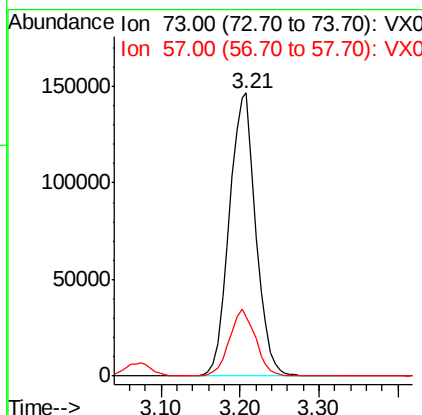
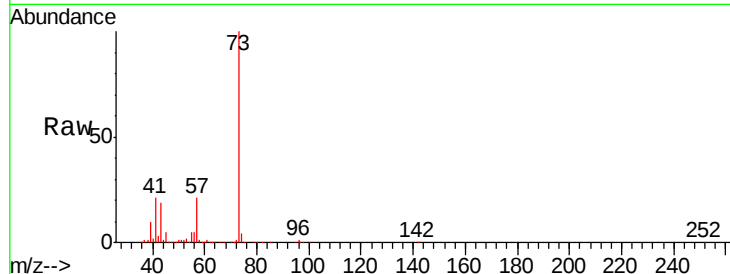
#19
Methyl tert-butyl Ether
Concen: 51.40 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX005703.D
Acq: 30 Oct 2018 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 342060
Ion Ratio Lower Upper
73 100
57 20.7 18.8 28.2

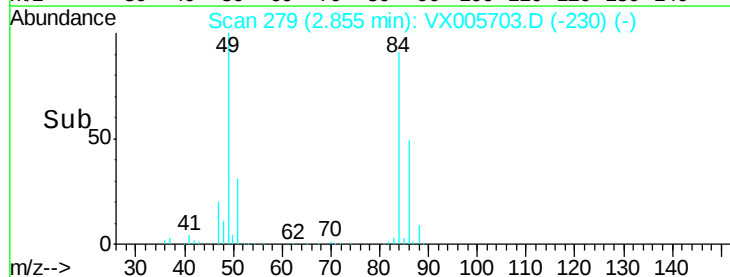
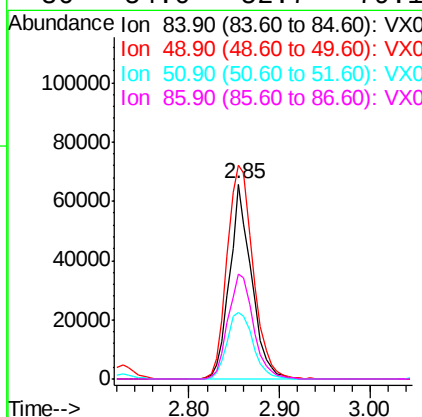
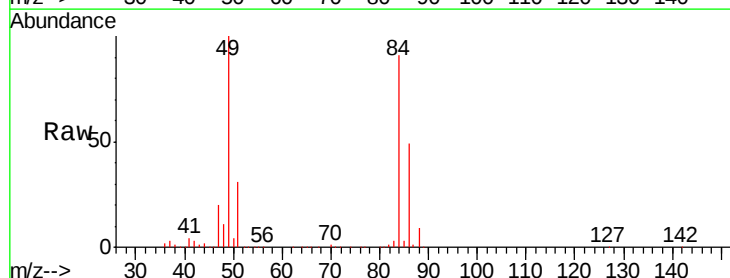
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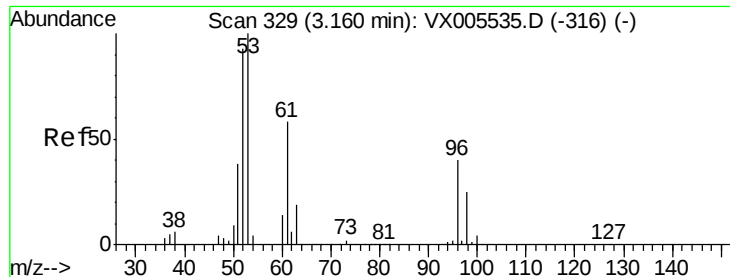
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#20
Methylene Chloride
Concen: 51.57 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005703.D
Acq: 30 Oct 2018 20:20

Tgt Ion: 84 Resp: 110729
Ion Ratio Lower Upper
84 100
49 109.8 109.5 164.3
51 34.1 33.3 49.9
86 54.0 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 49.21 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005703.D

Acq: 30 Oct 2018 20:20

Instrument :

MSVOA_X

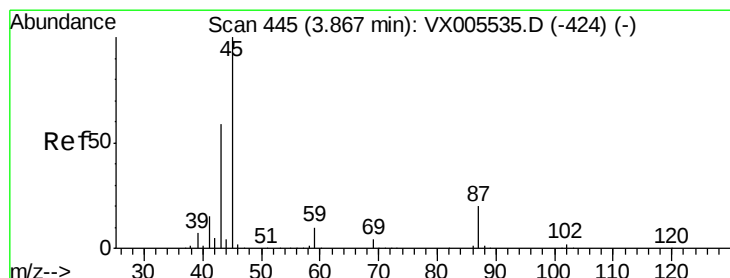
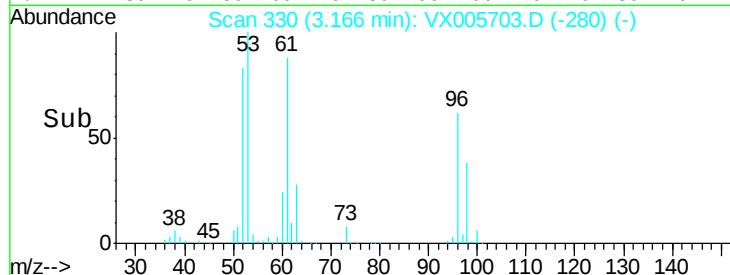
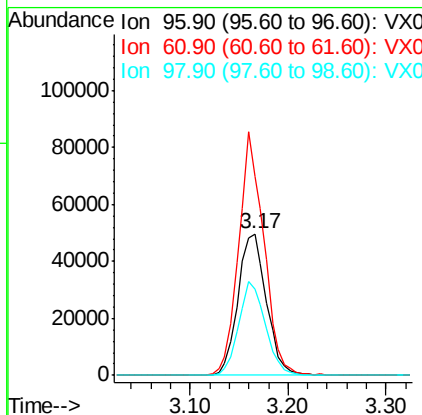
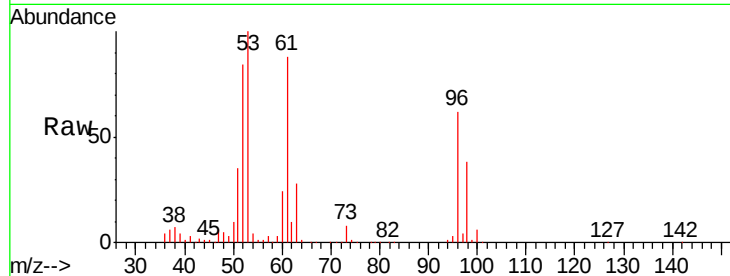
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	100230
Ion	Ratio	Lower	Upper
96	100		
61	140.7	115.6	173.4
98	61.4	50.2	75.2

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#22

Diisopropyl ether

Concen: 48.99 ug/l

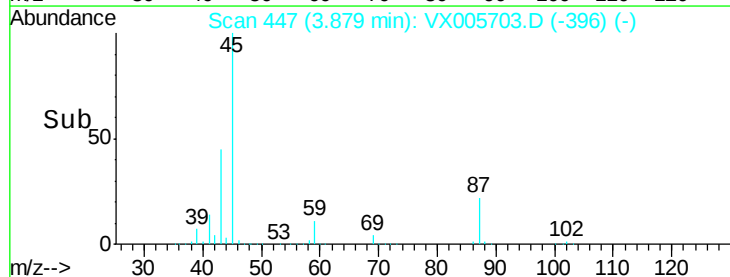
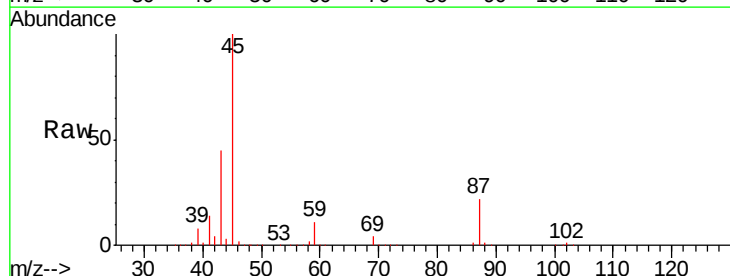
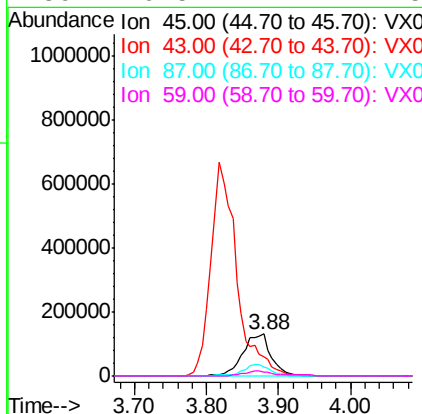
RT: 3.88 min Scan# 447

Delta R.T. 0.01 min

Lab File: VX005703.D

Acq: 30 Oct 2018 20:20

Tgt Ion:	45	Resp:	356233
Ion	Ratio	Lower	Upper
45	100		
43	44.9	47.4	71.2#
87	22.4	15.9	23.9
59	10.5	7.7	11.5





#23

Vinyl Acetate

Concen: 261.92 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX005703.D

Acq: 30 Oct 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1677198

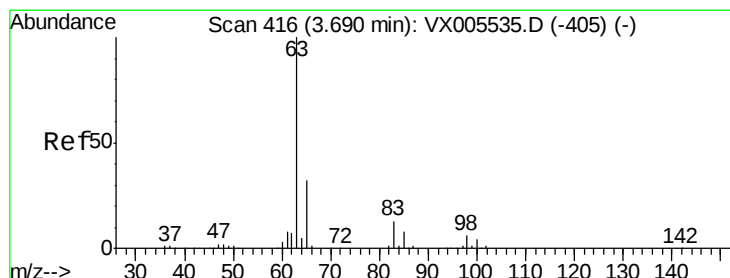
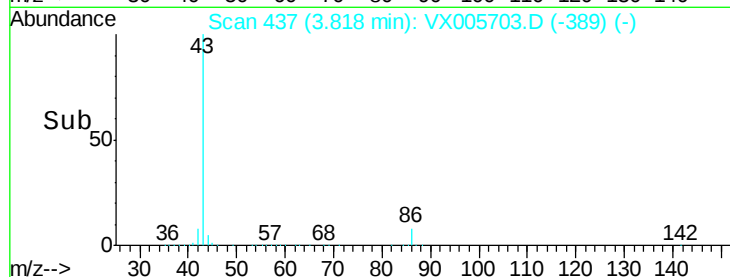
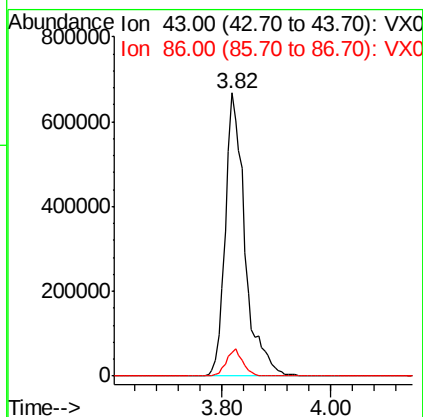
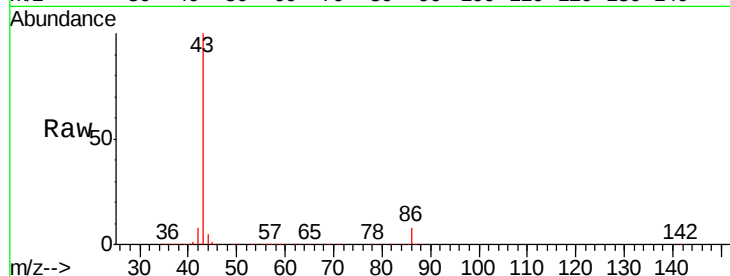
Ion Ratio Lower Upper

43 100

86 8.1 7.4 11.2

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#24

1,1-Dichloroethane

Concen: 51.02 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005703.D

Acq: 30 Oct 2018 20:20

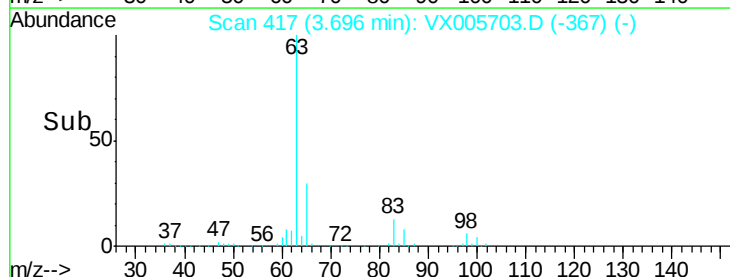
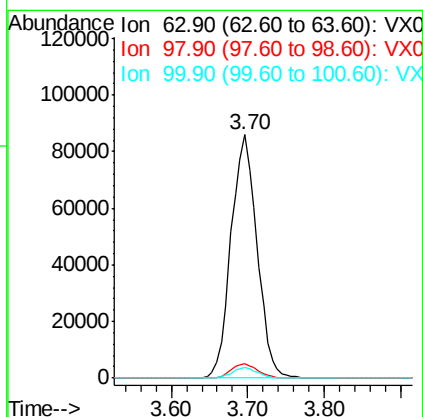
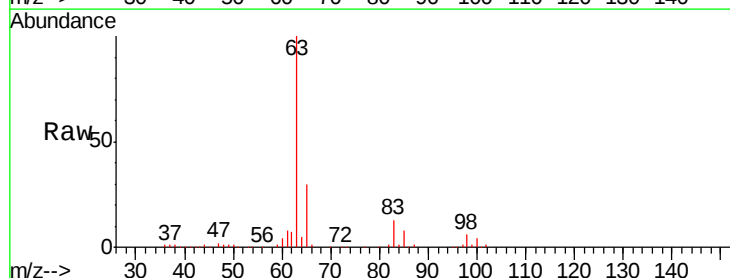
Tgt Ion: 63 Resp: 201685

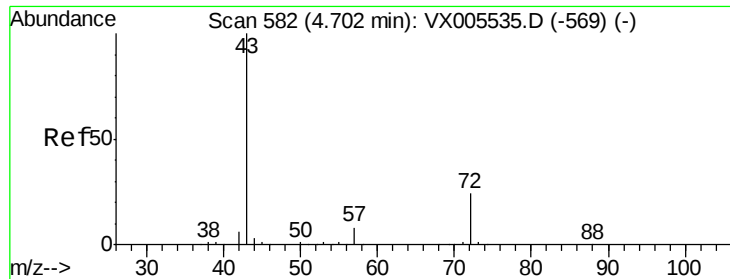
Ion Ratio Lower Upper

63 100

98 6.1 3.2 9.6

100 4.2 2.1 6.2





#25

2-Butanone

Concen: 265.49 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005703.D

Acq: 30 Oct 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 518275

Ion Ratio Lower Upper

43 100

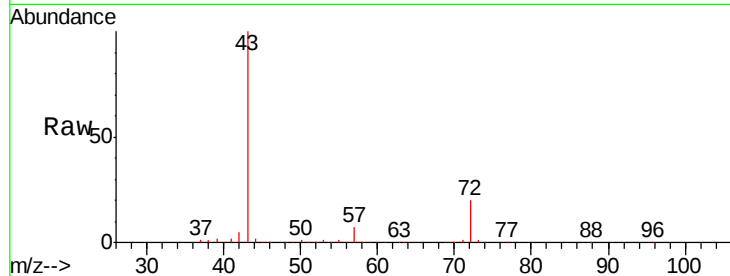
72 20.4 19.2 28.8

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

100000

50000

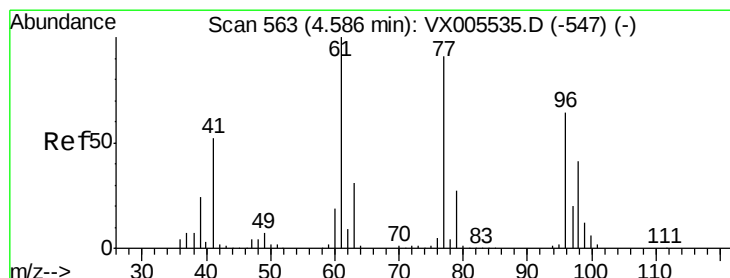
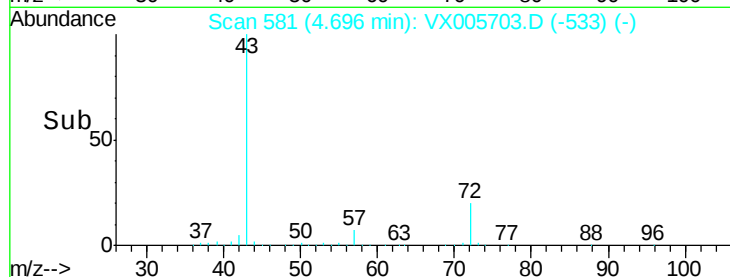
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 44.27 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX005703.D

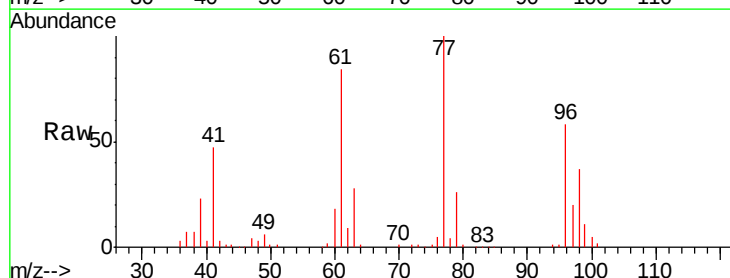
Acq: 30 Oct 2018 20:20

Tgt Ion: 77 Resp: 135110

Ion Ratio Lower Upper

77 100

97 23.1 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

50000

40000

30000

20000

10000

0

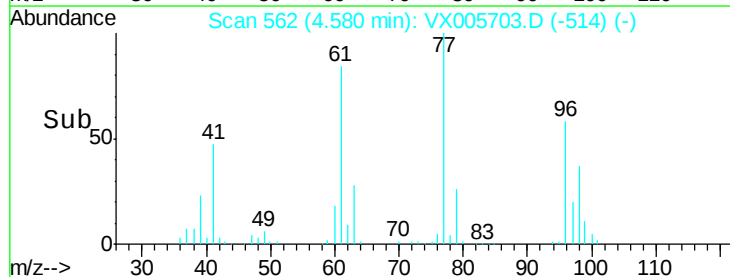
4.40

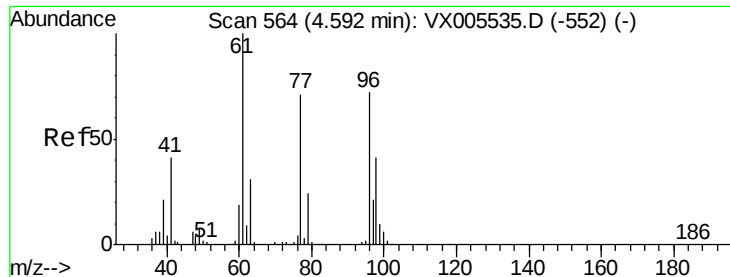
4.50

4.60

4.70

Time-->





#27

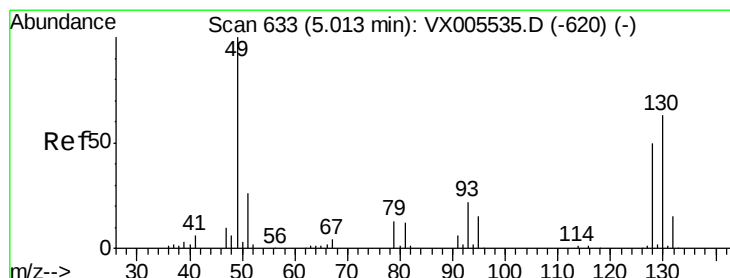
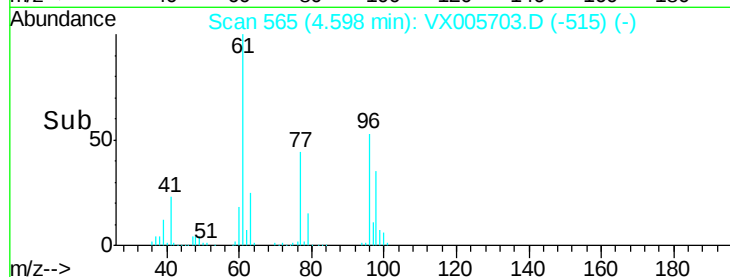
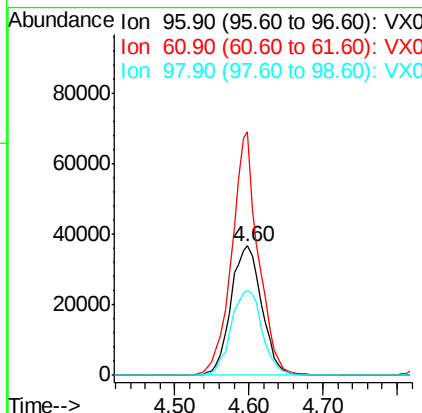
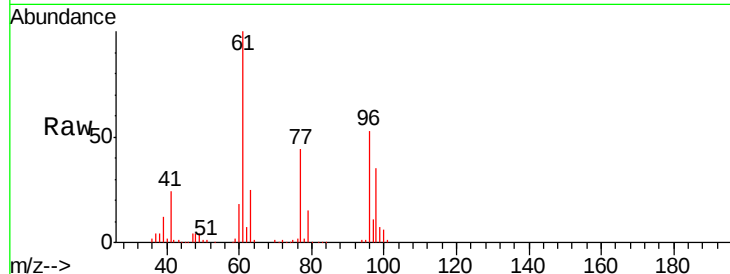
cis-1,2-Dichloroethene
 Concen: 48.82 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX005703.D
 Acq: 30 Oct 2018 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	107198		
61	160.6	0.0	304.6	
98	66.0	0.0	127.4	

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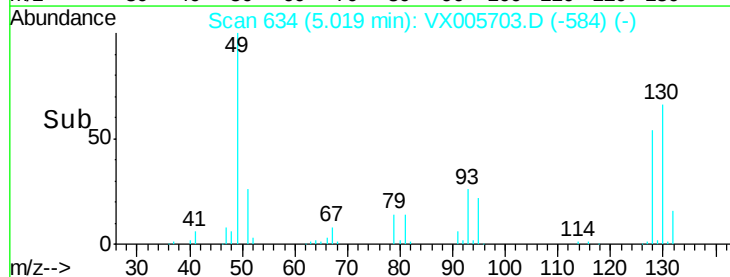
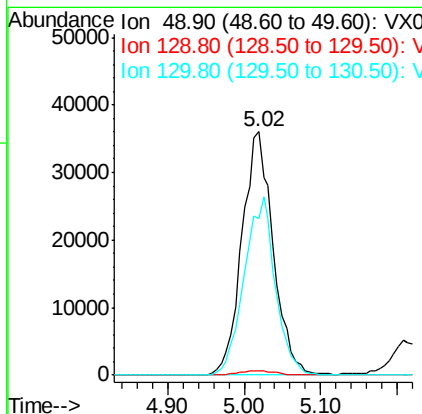
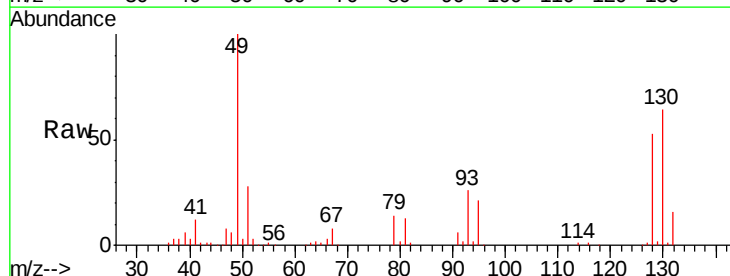
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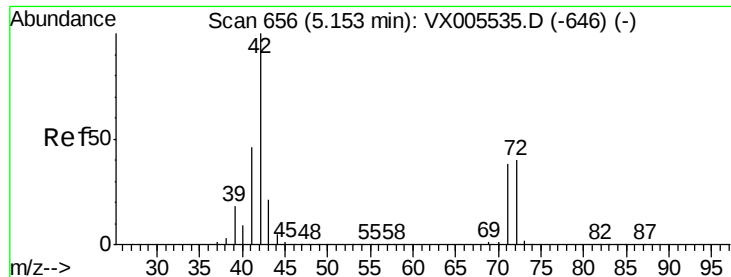


#28

Bromochloromethane
 Concen: 53.48 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX005703.D
 Acq: 30 Oct 2018 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	102250		
129	2.1	0.0	4.0	
130	72.9	58.9	88.3	





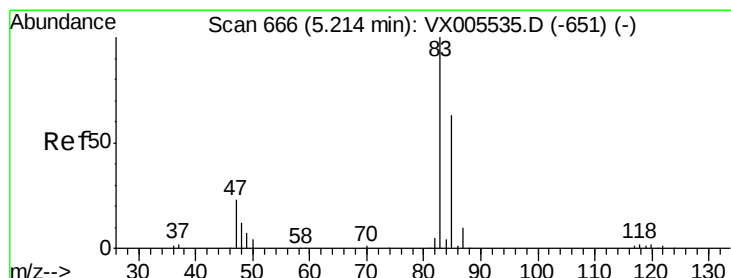
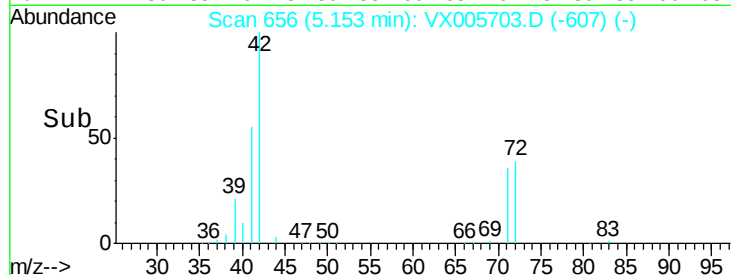
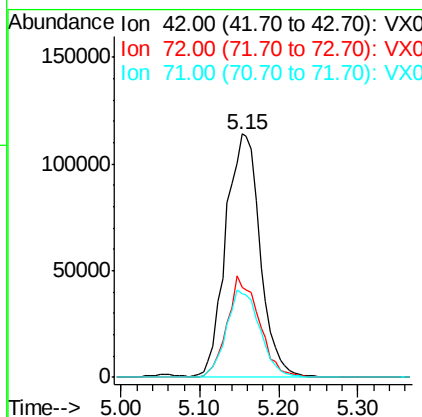
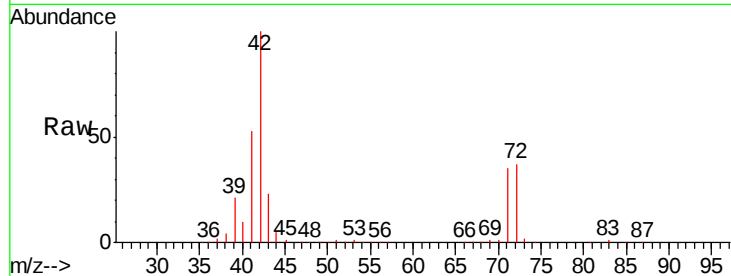
#29
Tetrahydrofuran
Concen: 270.44 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005703.D
Acq: 30 Oct 2018 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	39.0	32.0	48.0
71	35.5	29.8	44.8

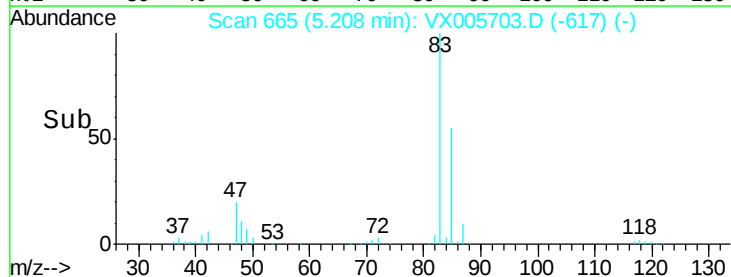
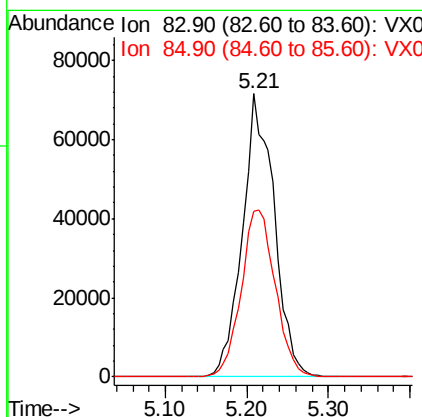
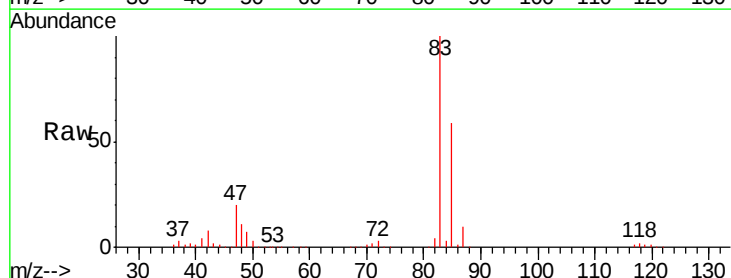
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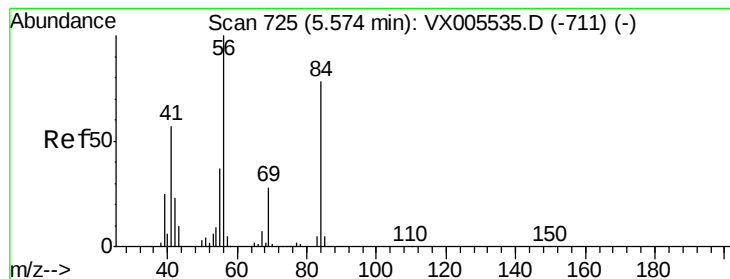
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#30
Chloroform
Concen: 52.48 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX005703.D
Acq: 30 Oct 2018 20:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	58.6	50.6	76.0





#31

Cyclohexane

Concen: 50.69 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005703.D

Acq: 30 Oct 2018 20:20

Instrument :

MSVOA_X

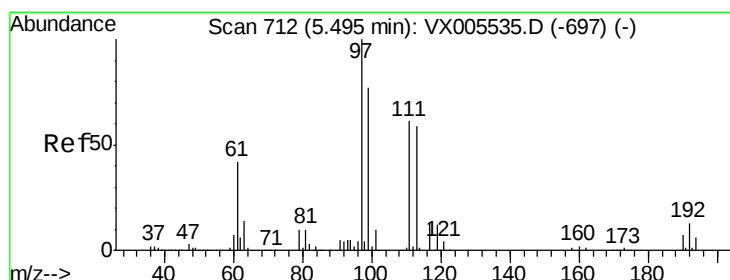
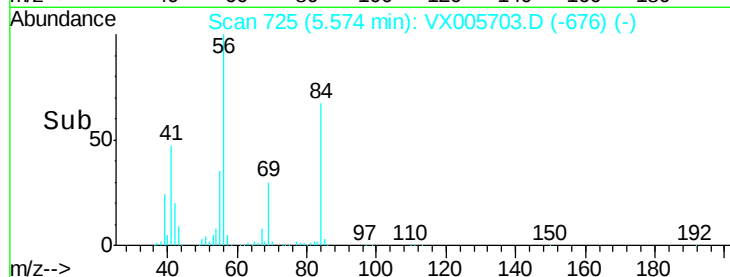
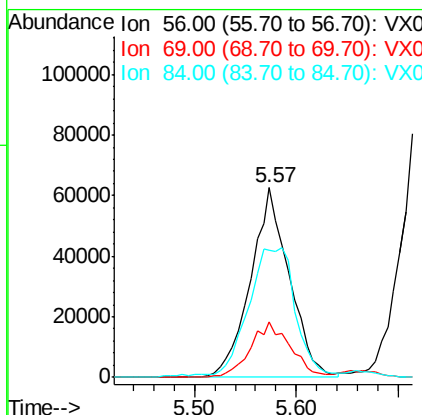
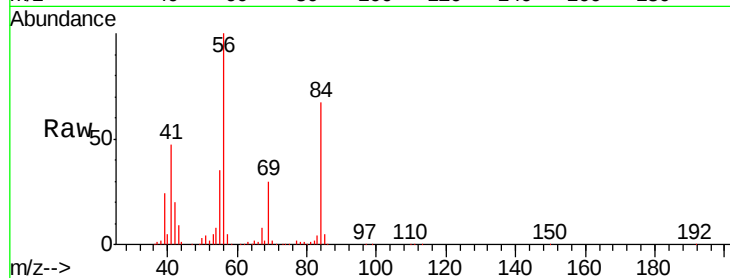
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	56	Resp:	165774
Ion	Ratio	Lower	Upper
56	100		
69	29.5	22.6	34.0
84	65.7	62.7	94.1

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#32

1,1,1-Trichloroethane

Concen: 49.65 ug/l

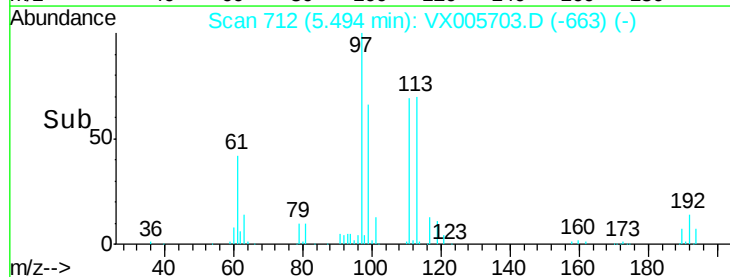
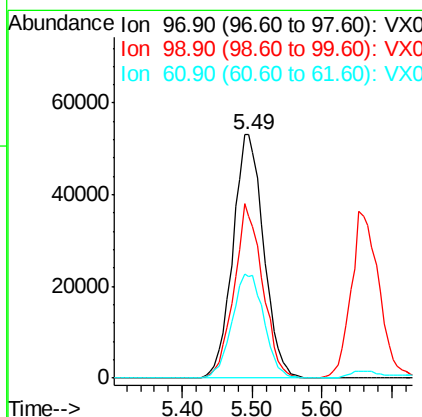
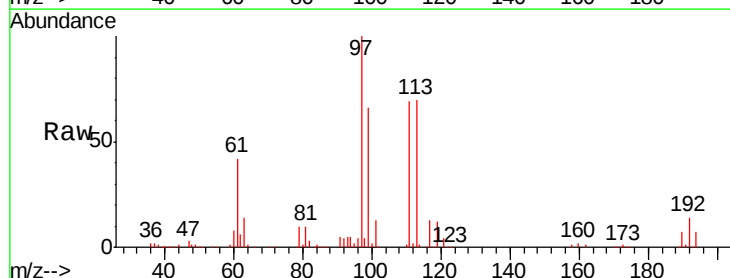
RT: 5.49 min Scan# 712

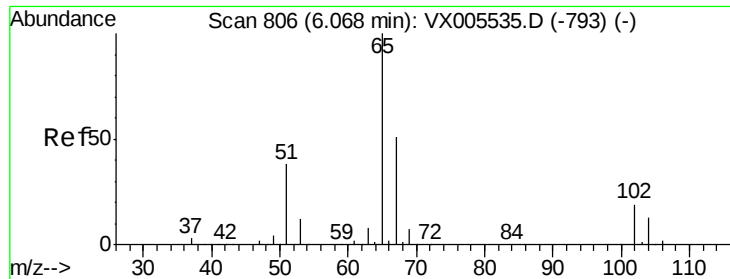
Delta R.T. -0.00 min

Lab File: VX005703.D

Acq: 30 Oct 2018 20:20

Tgt Ion:	97	Resp:	162038
Ion	Ratio	Lower	Upper
97	100		
99	66.1	52.3	78.5
61	44.7	35.2	52.8





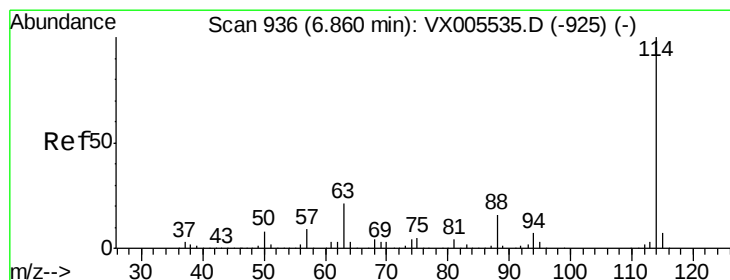
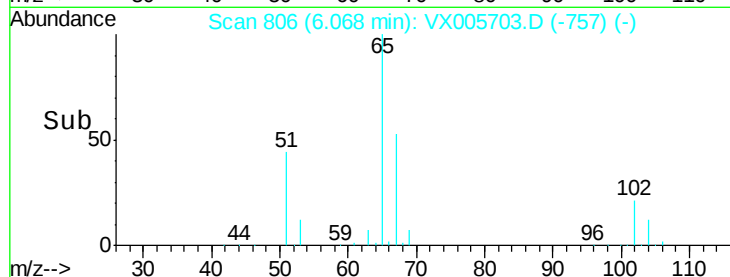
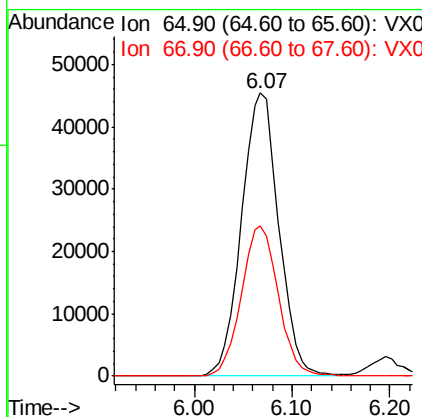
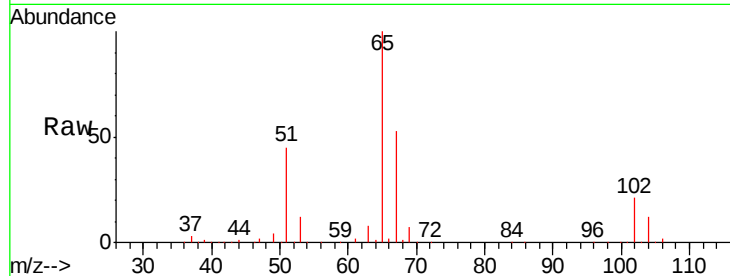
#33
 1,2-Dichloroethane-d4
 Concen: 49.63 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005703.D
 Acq: 30 Oct 2018 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 120413
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.0

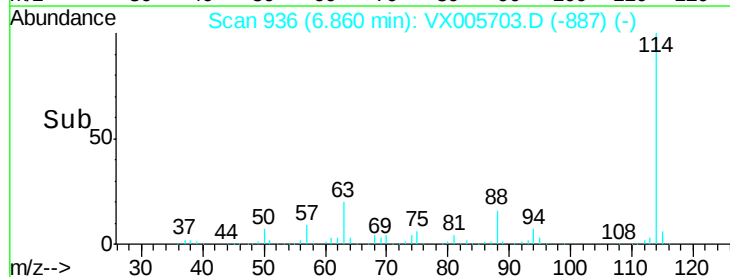
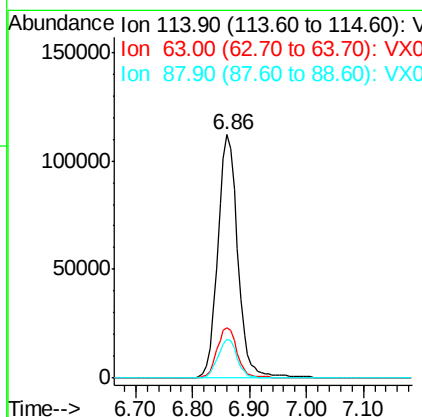
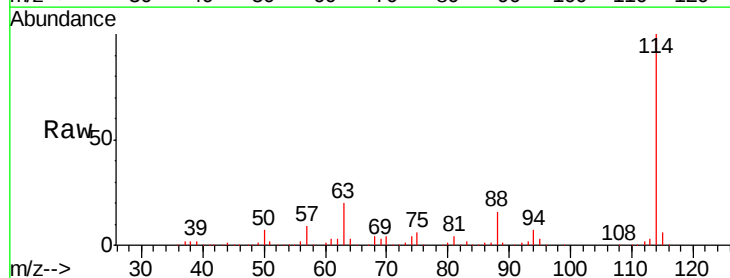
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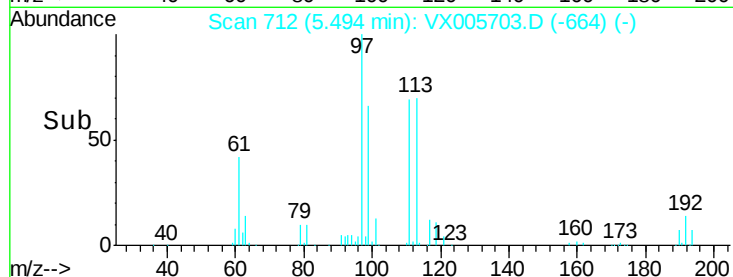
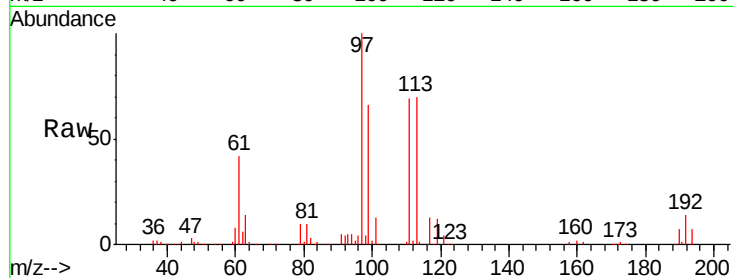
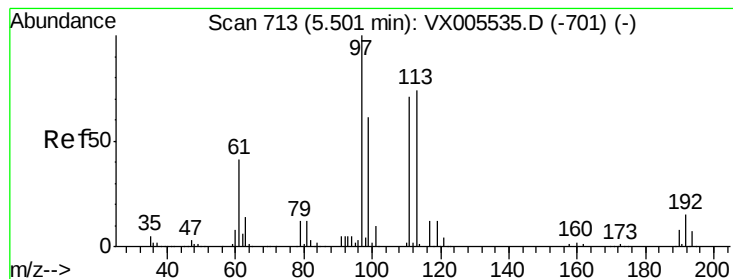
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005703.D
 Acq: 30 Oct 2018 20:20

Tgt Ion: 114 Resp: 273635
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 42.8
 88 16.2 0.0 31.2





#35

Dibromofluoromethane

Concen: 53.83 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX005703.D

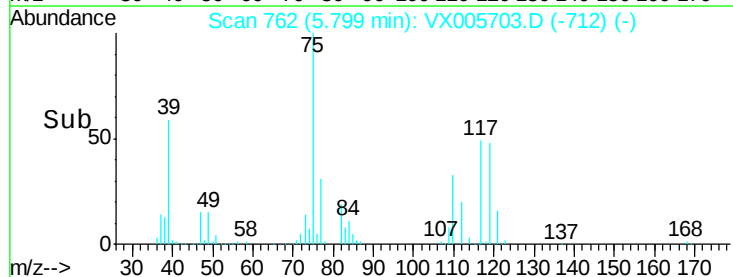
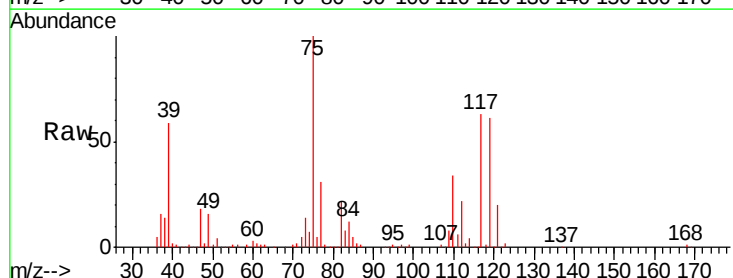
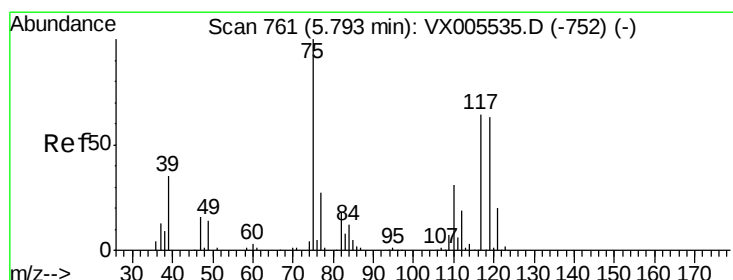
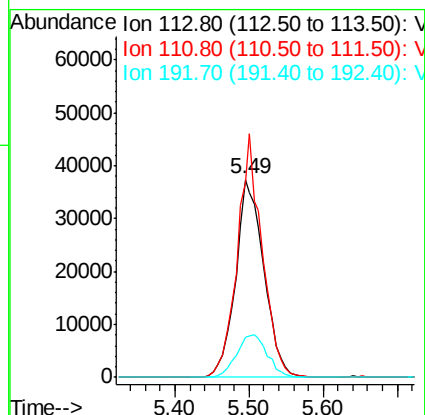
Acq: 30 Oct 2018 20:20

Tgt Ion:	113	Resp:	99745
Ion	Ratio	Lower	Upper
113	100		
111	107.4	82.3	123.5
192	23.6	17.9	26.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 49.10 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.01 min

Lab File: VX005703.D

Acq: 30 Oct 2018 20:20

Tgt Ion:	75	Resp:	130397
Ion	Ratio	Lower	Upper
75	100		
110	38.3	17.4	52.2
77	32.1	25.8	38.6

