

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060618\
 Data File : VX002366.D
 Acq On : 06 Jun 2018 21:16
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 07 03:27:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	179003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	318020	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	320013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	198274	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	160385	63.60	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	127.20%	
35) Dibromofluoromethane	5.51	113	120552	48.20	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.40%	
50) Toluene-d8	8.72	98	442893	46.20	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.40%	
62) 4-Bromofluorobenzene	11.14	95	175946	47.60	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	54668	29.38	ug/l	100
3) Chloromethane	1.32	50	124956	59.13	ug/l	99
4) Vinyl Chloride	1.41	62	116744	49.78	ug/l	99
5) Bromomethane	1.64	94	71073	53.81	ug/l	100
6) Chloroethane	1.72	64	108850	71.75	ug/l	98
7) Trichlorofluoromethane	1.92	101	146847	41.10	ug/l	100
8) Diethyl Ether	2.19	74	95291	76.30	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	66813	34.65	ug/l	99
10) Methyl Iodide	2.51	142	120864	44.56	ug/l	99
11) Tert butyl alcohol	3.09	59	184679	360.80	ug/l	99
12) 1,1-Dichloroethene	2.37	96	96023	50.39	ug/l	96
13) Acrolein	2.30	56	71895	284.21	ug/l	99
14) Allyl chloride	2.73	41	235106	56.85	ug/l	99
15) Acrylonitrile	3.15	53	404071	375.77	ug/l	99
16) Acetone	2.45	43	374686	347.85	ug/l	99
17) Carbon Disulfide	2.57	76	221427	44.09	ug/l	99
18) Methyl Acetate	2.78	43	197691	78.64	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	499501	76.54	ug/l	100
20) Methylene Chloride	2.86	84	144317	72.55	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	119143	56.70	ug/l	96
22) Diisopropyl ether	3.88	45	456579	66.58	ug/l	98
23) Vinyl Acetate	3.83	43	2000722	298.43	ug/l	100
24) 1,1-Dichloroethane	3.70	63	219020	53.59	ug/l	99
25) 2-Butanone	4.71	43	526389	299.92	ug/l	100
26) 2,2-Dichloropropane	4.59	77	136884	42.84	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	132988	58.19	ug/l	92
28) Bromochloromethane	5.02	49	118300	69.44	ug/l	99
29) Tetrahydrofuran	5.17	42	345440	305.27	ug/l	99
30) Chloroform	5.22	83	236341	59.92	ug/l	99
31) Cyclohexane	5.57	56	110078	34.06	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	175666	52.52	ug/l	99
36) 1,1-Dichloropropene	5.81	75	136006	40.68	ug/l	99
37) Ethyl Acetate	4.87	43	213467	53.09	ug/l	99
38) Carbon Tetrachloride	5.79	117	133411	38.14	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	97618	23.77	ug/l	99
40) Benzene	6.15	78	501167	48.89	ug/l	99
41) Methacrylonitrile	5.07	41	119904	52.09	ug/l	98
42) 1,2-Dichloroethane	6.20	62	210742	51.74	ug/l	100
43) Isopropyl Acetate	6.47	43	355832	52.10	ug/l	100
44) Trichloroethene	7.21	130	130651	45.92	ug/l	97
45) 1,2-Dichloropropane	7.52	63	140272	50.69	ug/l	97
46) Dibromomethane	7.67	93	96552	51.47	ug/l	99
47) Bromodichloromethane	7.90	83	172062	50.71	ug/l	99
48) Methyl methacrylate	7.78	41	180615	52.65	ug/l	99
49) 1,4-Dioxane	7.76	88	68922	1074.56	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1157745	272.23	ug/l	100
52) Toluene	8.79	92	321125	49.25	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	203905	50.11	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	190748	49.69	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	142788	53.25	ug/l	97
56) Ethyl methacrylate	9.18	69	231010	53.96	ug/l	99
57) 1,3-Dichloropropane	9.38	76	240944	53.56	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	527466	266.20	ug/l	99
59) 2-Hexanone	9.50	43	886431	269.85	ug/l	99
60) Dibromochloromethane	9.59	129	143671	53.27	ug/l	99
61) 1,2-Dibromoethane	9.68	107	151282	54.11	ug/l	99
64) Tetrachloroethene	9.34	164	137273	41.59	ug/l	100
65) Chlorobenzene	10.14	112	381247	47.88	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	142311	49.36	ug/l	100
67) Ethyl Benzene	10.26	91	618718	46.43	ug/l	98
68) m/p-Xylenes	10.37	106	485434	93.71	ug/l	99
69) o-Xylene	10.70	106	252235	48.93	ug/l	97
70) Styrene	10.71	104	424992	50.43	ug/l	99
71) Bromoform	10.86	173	110047	43.13	ug/l	100
73) Isopropylbenzene	11.02	105	614951	44.58	ug/l	100
74) N-amyl acetate	6.47	43	355832	47.88	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	219870	50.68	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	247627	56.92	ug/l	80
77) Bromobenzene	11.26	156	187917	48.53	ug/l	99
78) n-propylbenzene	11.37	91	679738	44.34	ug/l	100
79) 2-Chlorotoluene	11.43	91	447569	46.24	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	539790	45.63	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	51956	41.86	ug/l	95
82) 4-Chlorotoluene	11.51	91	522789	46.79	ug/l	100
83) tert-Butylbenzene	11.77	119	512927	44.52	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	573711	47.11	ug/l	98
85) sec-Butylbenzene	11.95	105	577525	42.76	ug/l	100
86) p-Isopropyltoluene	12.07	119	536673	43.63	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	327537	47.31	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	335245	46.98	ug/l	99
89) n-Butylbenzene	12.39	91	428196	41.50	ug/l	99
90) Hexachloroethane	12.60	117	79444	40.46	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	352426	49.20	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	49632	52.32	ug/l	98

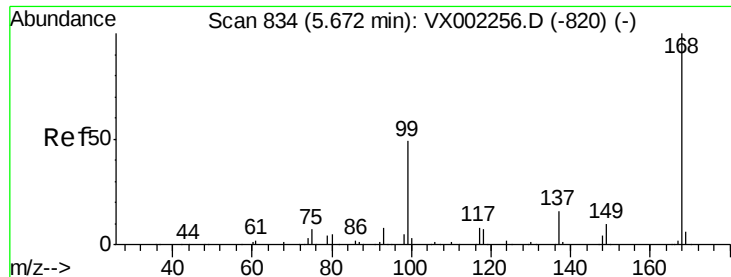
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	234092	46.60	ug/l	100
94) Hexachlorobutadiene	13.79	225	94596	38.11	ug/l	98
95) Naphthalene	13.84	128	755771	52.37	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	251268	49.05	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002366.D

Acq: 06 Jun 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

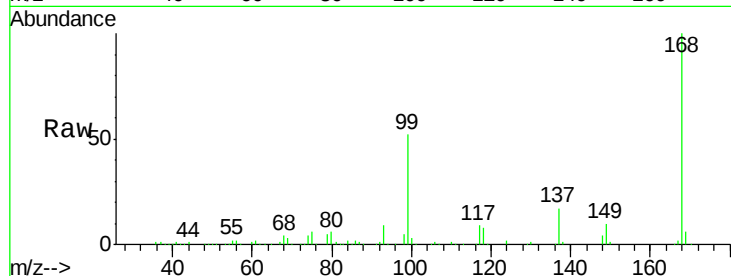
VSTDCCC050EC

Tot Ion:168 Resp: 179003

Ion Ratio Lower Upper

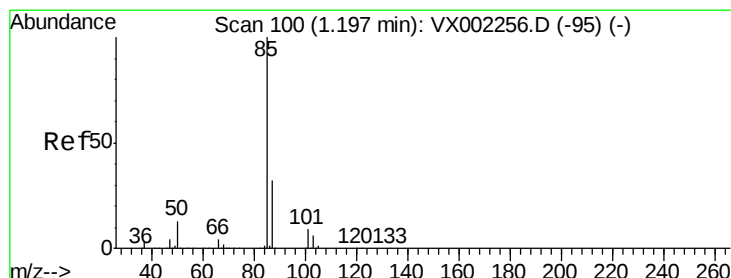
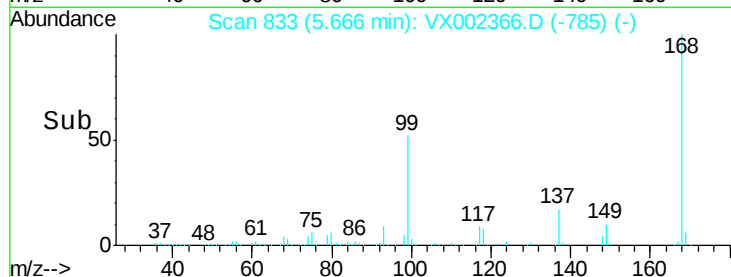
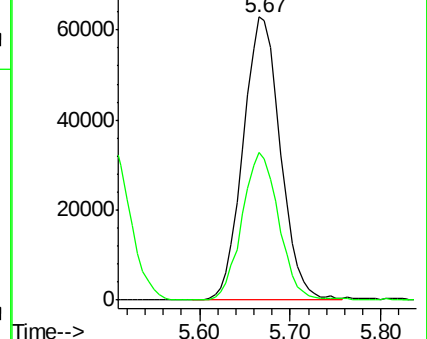
168 100

99 52.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 29.38 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002366.D

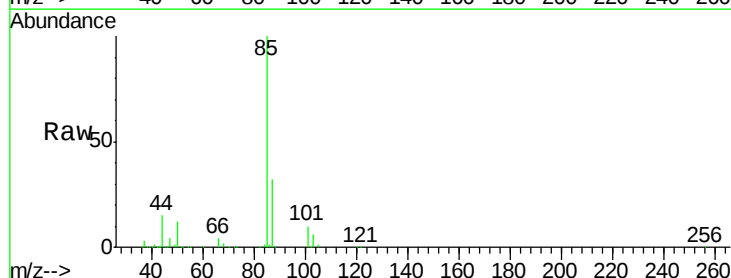
Acq: 06 Jun 2018 21:16

Tgt Ion: 85 Resp: 54668

Ion Ratio Lower Upper

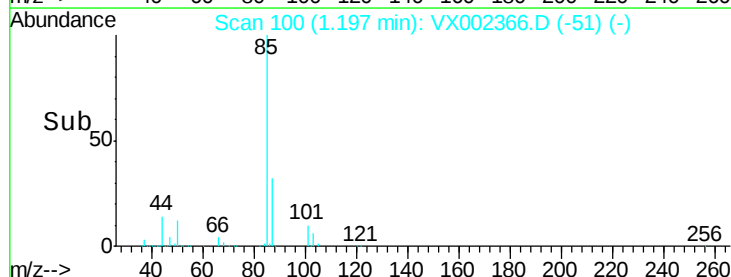
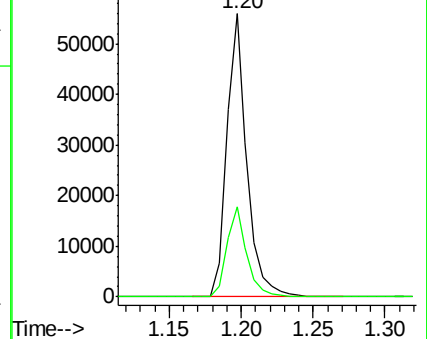
85 100

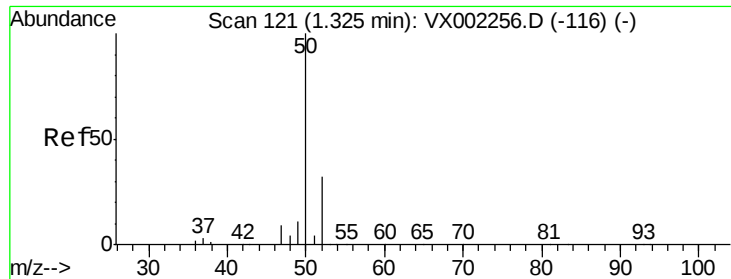
87 31.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 59.13 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002366.D

Acq: 06 Jun 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

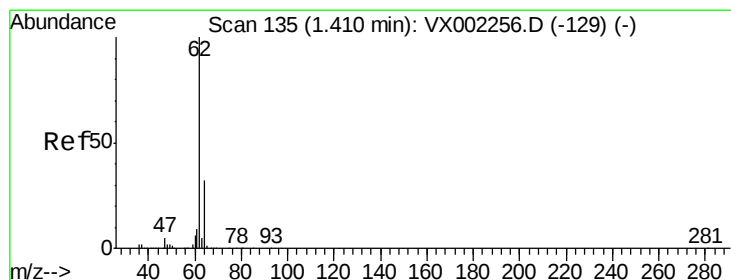
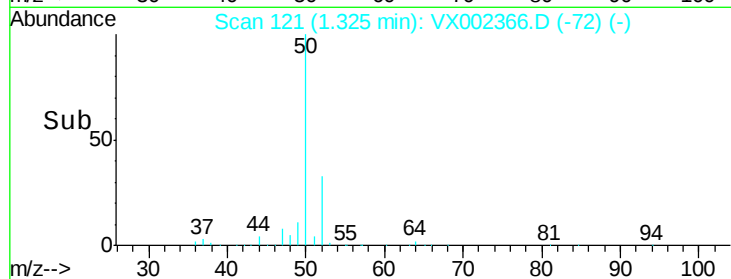
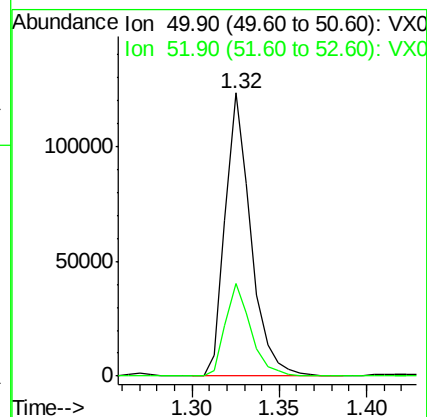
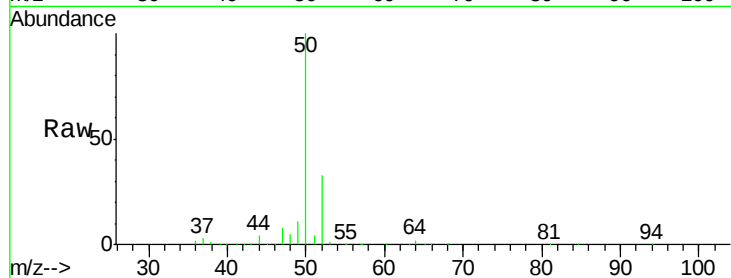
VSTDCCC050EC

Tot Ion: 50 Resp: 124956

Ion Ratio Lower Upper

50 100

52 32.8 25.7 38.5



#4

Vinyl Chloride

Concen: 49.78 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002366.D

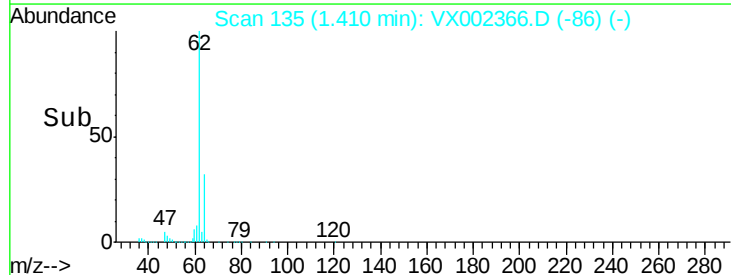
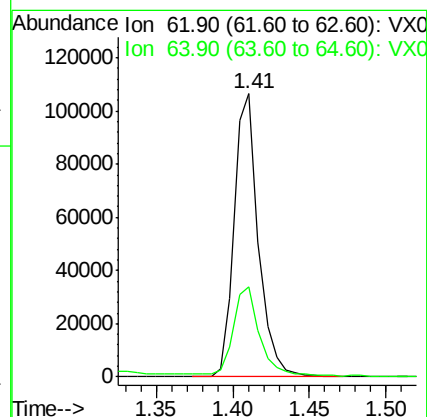
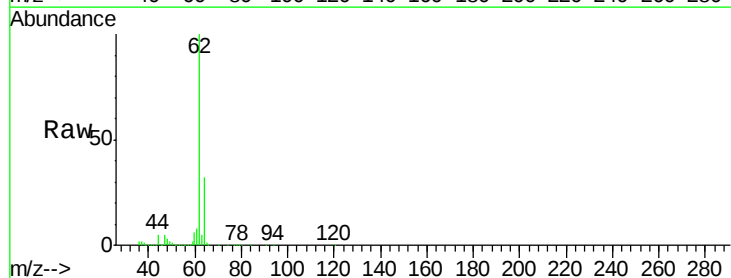
Acq: 06 Jun 2018 21:16

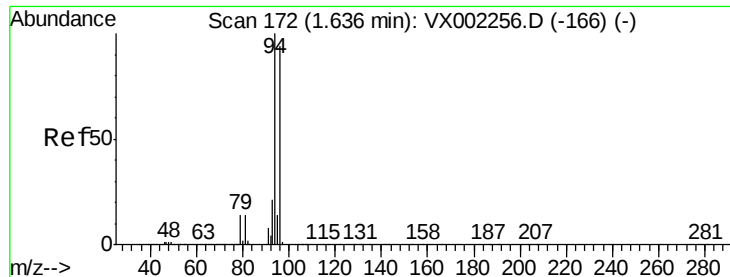
Tgt Ion: 62 Resp: 116744

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.2





#5

Bromomethane

Concen: 53.81 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002366.D

Acq: 06 Jun 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

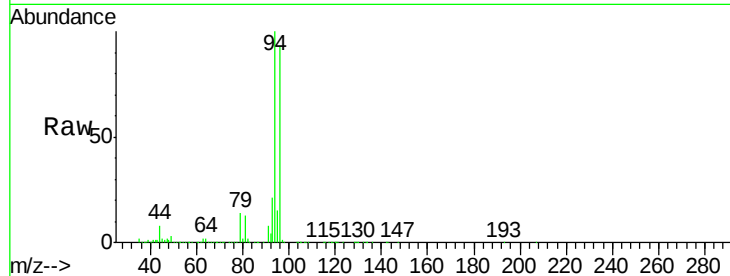
VSTDCCC050EC

Tot Ion: 94 Resp: 71073

Ion Ratio Lower Upper

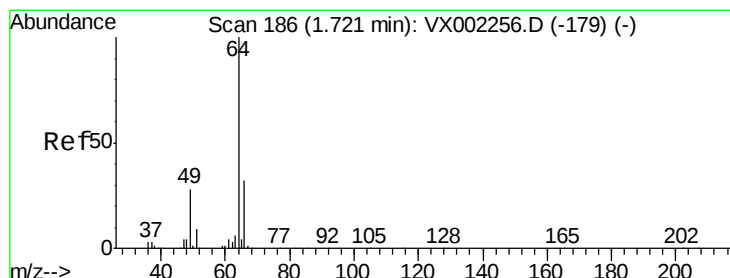
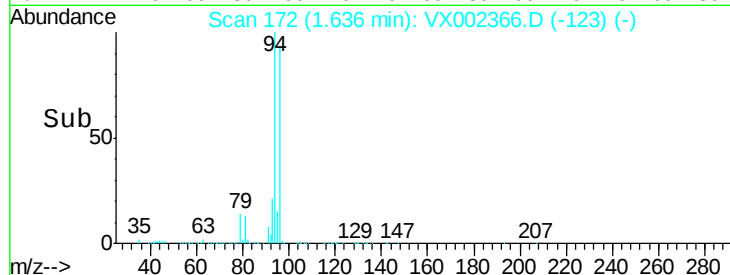
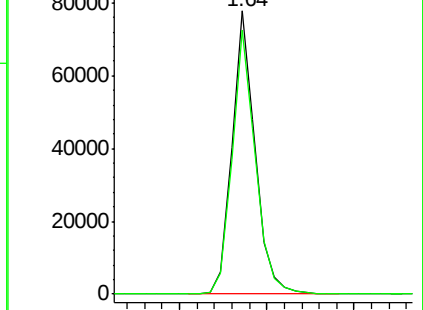
94 100

96 93.4 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 71.75 ug/l

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002366.D

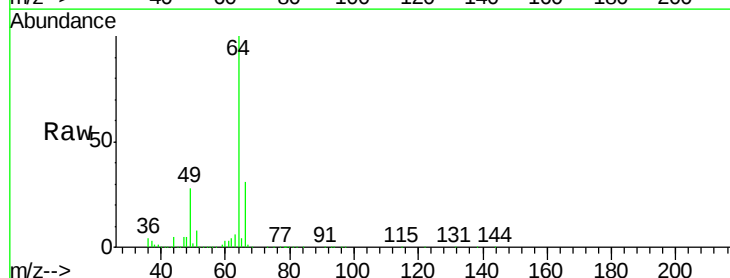
Acq: 06 Jun 2018 21:16

Tgt Ion: 64 Resp: 108850

Ion Ratio Lower Upper

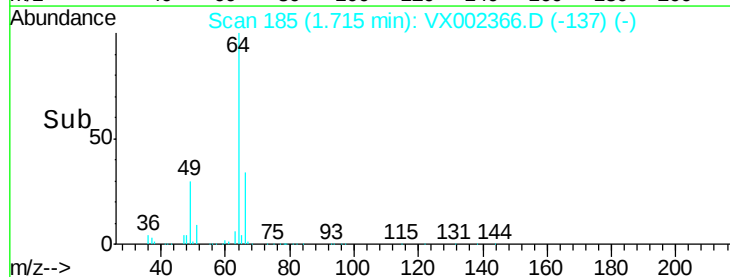
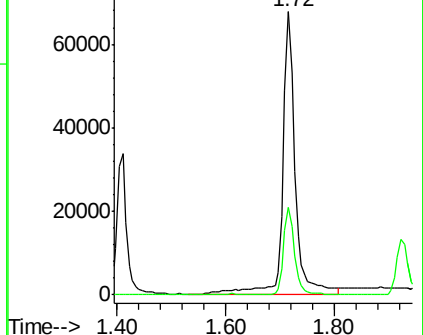
64 100

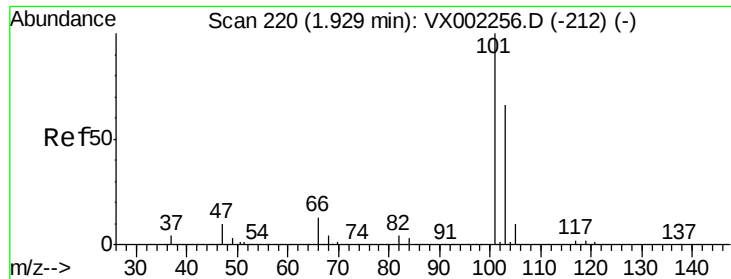
66 30.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 41.10 ug/l

RT: 1.92 min Scan# 219

Delta R.T. -0.01 min

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Acq: 06 Jun 2018 21:16

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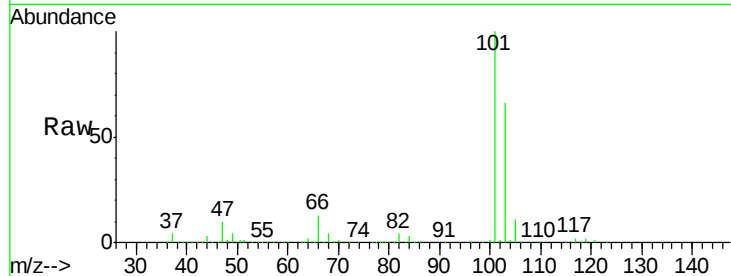
VSTDCCC050EC

Tot Ion:101 Resp: 146847

Ion Ratio Lower Upper

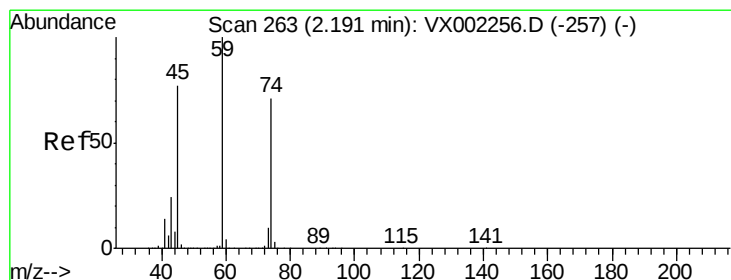
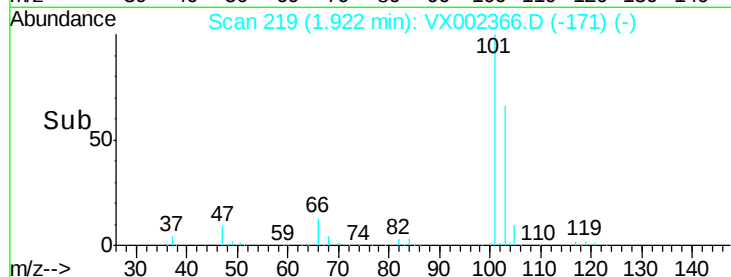
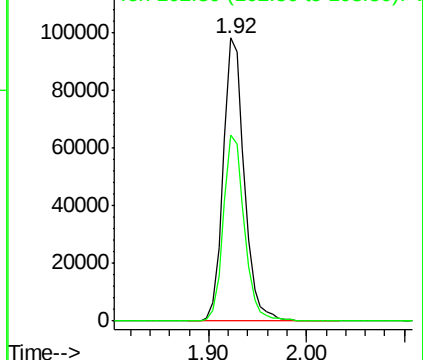
101 100

103 65.9 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 76.30 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX002366.D

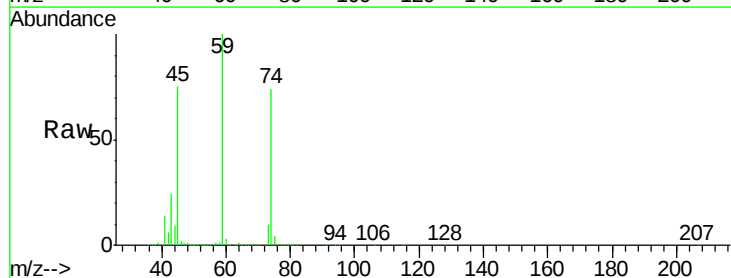
Acq: 06 Jun 2018 21:16

Tgt Ion: 74 Resp: 95291

Ion Ratio Lower Upper

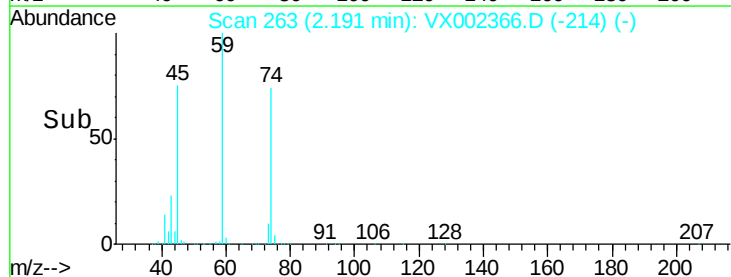
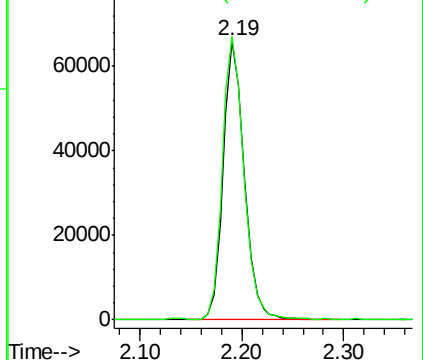
74 100

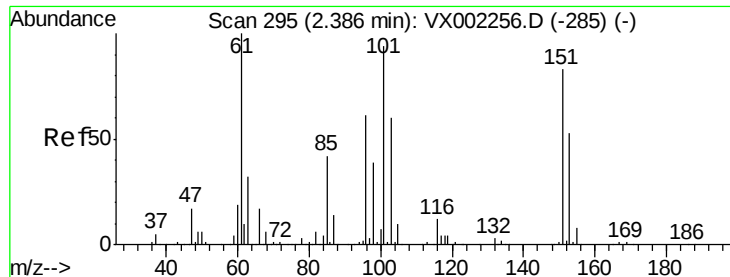
45 102.4 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 34.65 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

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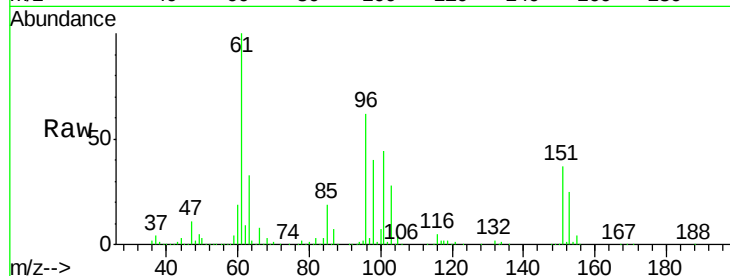
Tot Ion:101 Resp: 66813

Ion Ratio Lower Upper

101 100

85 45.4 36.0 54.0

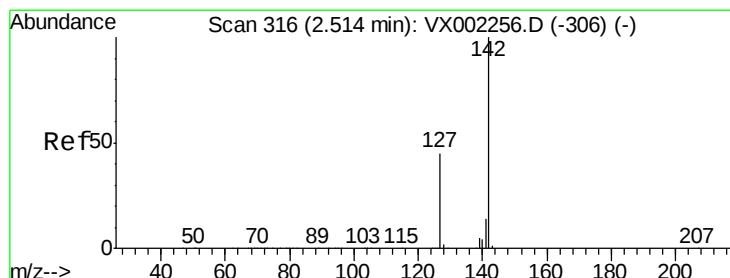
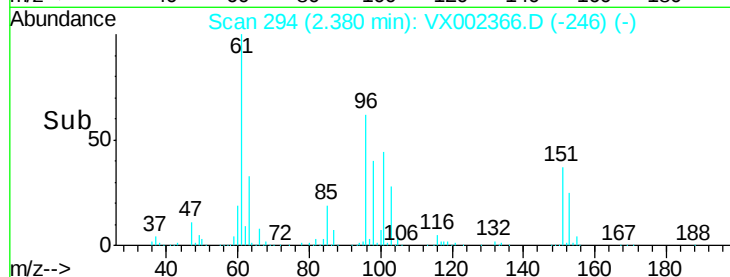
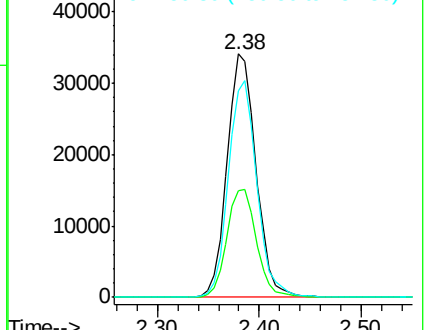
151 87.4 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.56 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX002366.D

Acq: 06 Jun 2018 21:16

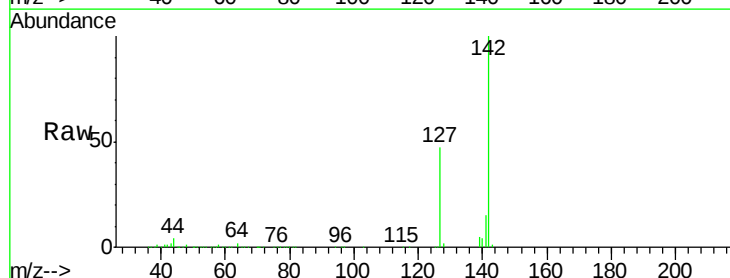
Tgt Ion:142 Resp: 120864

Ion Ratio Lower Upper

142 100

127 46.4 36.6 55.0

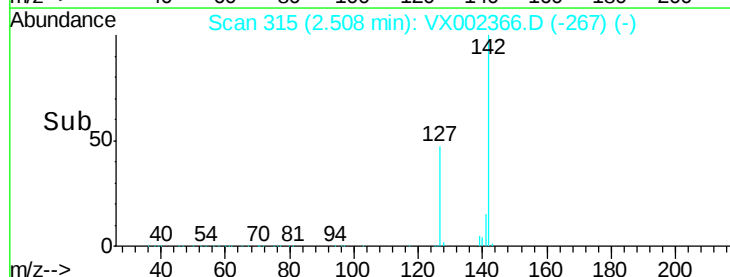
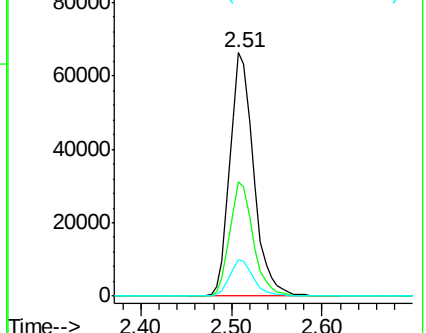
141 14.9 11.3 16.9

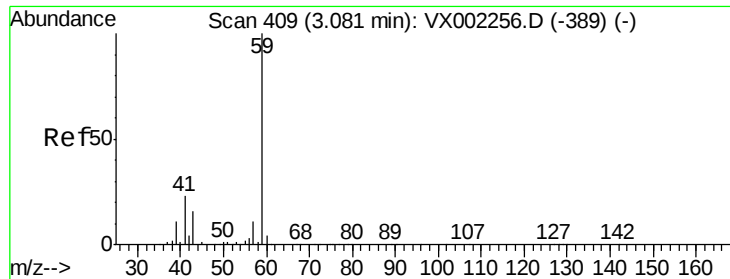


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



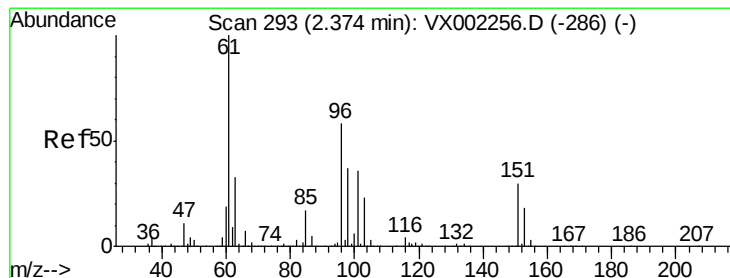
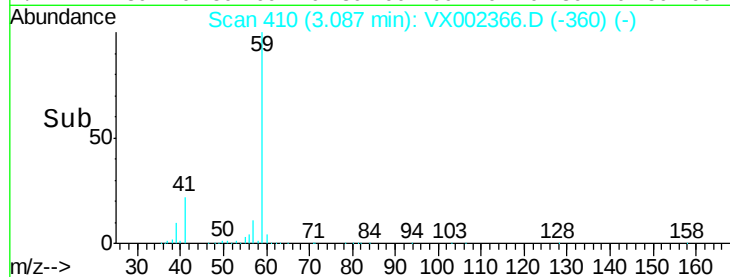
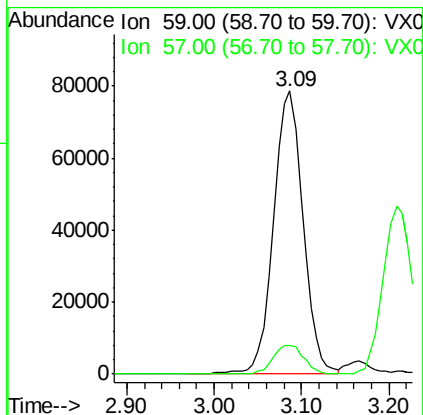
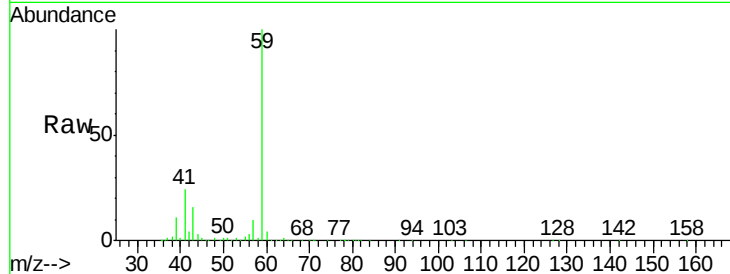


#11

Tert butyl alcohol
Concen: 360.80 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX002366.D
Acq: 06 Jun 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

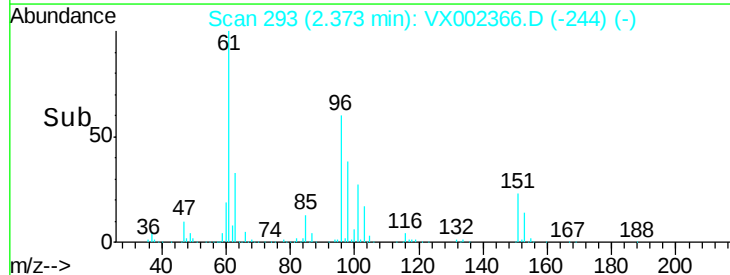
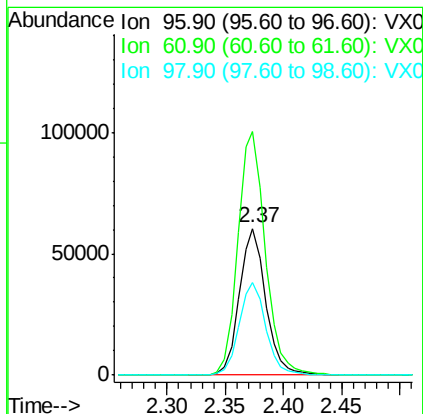
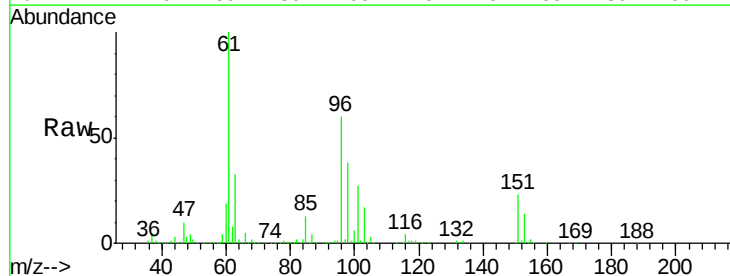
Tot Ion: 59 Resp: 184679
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2

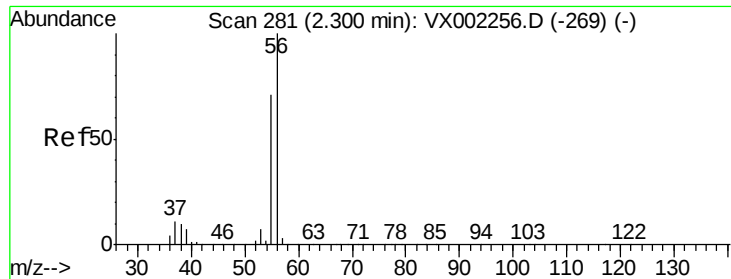


#12

1,1-Dichloroethene
Concen: 50.39 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002366.D
Acq: 06 Jun 2018 21:16

Tgt Ion: 96 Resp: 96023
Ion Ratio Lower Upper
96 100
61 165.8 137.9 206.9
98 62.9 51.6 77.4





#13

Acrolein

Concen: 284.21 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002366.D

Acq: 06 Jun 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

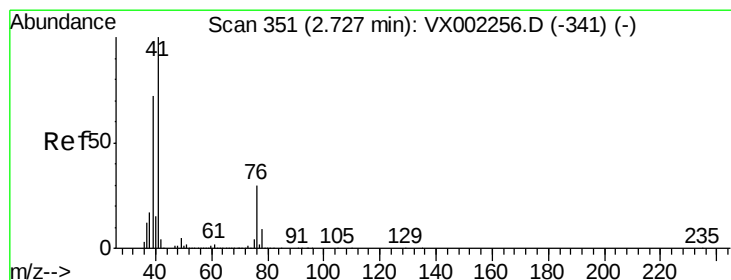
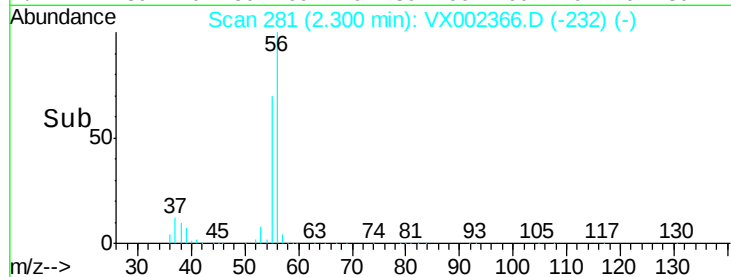
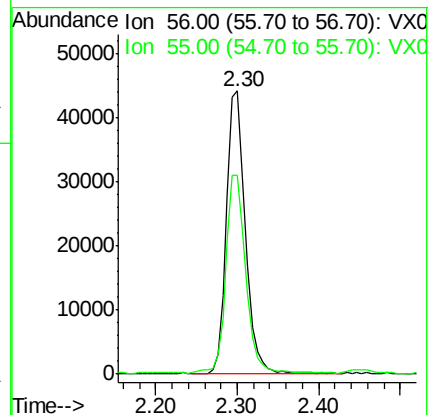
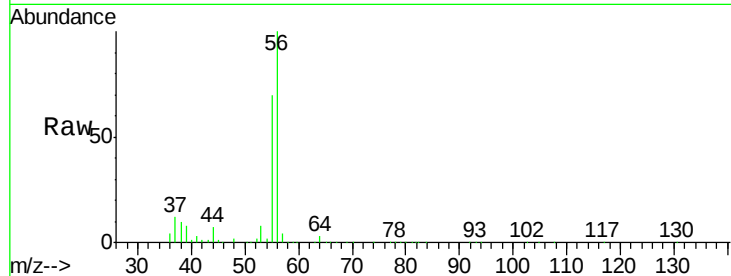
VSTDCCC050EC

Tot Ion: 56 Resp: 71895

Ion Ratio Lower Upper

56 100

55 71.9 57.0 85.4



#14

Allyl chloride

Concen: 56.85 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002366.D

Acq: 06 Jun 2018 21:16

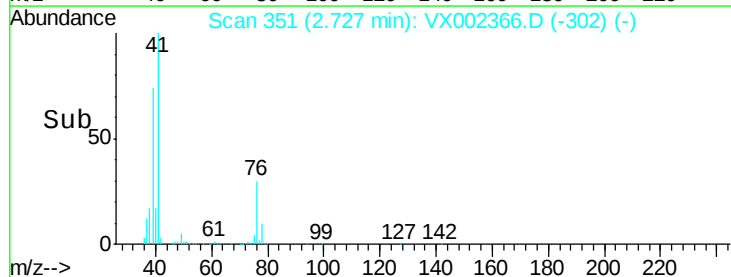
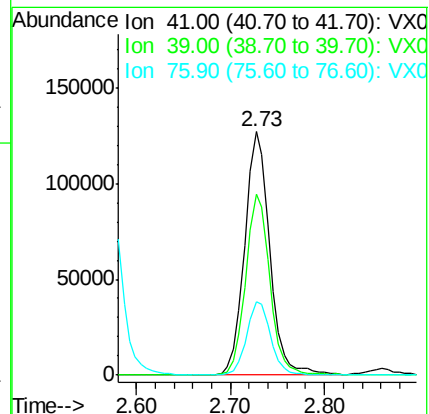
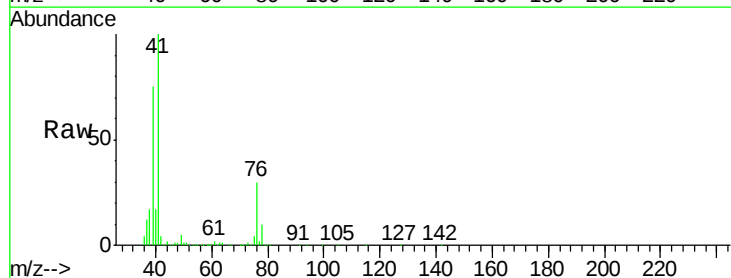
Tgt Ion: 41 Resp: 235106

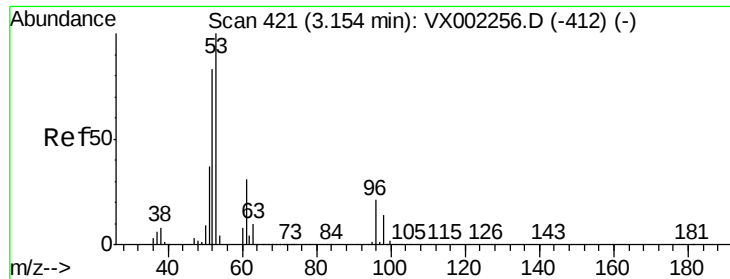
Ion Ratio Lower Upper

41 100

39 71.9 56.8 85.2

76 28.9 23.8 35.8





#15

Acrylonitrile

Concen: 375.77 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002366.D

Acq: 06 Jun 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

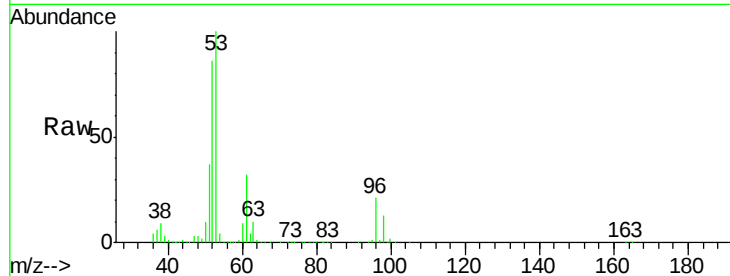
Tot Ion: 53 Resp: 404071

Ion Ratio Lower Upper

53 100

52 84.0 66.7 100.1

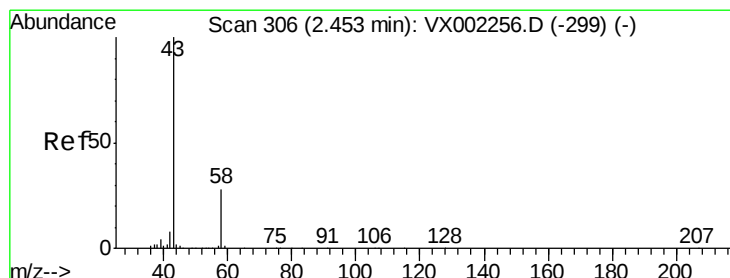
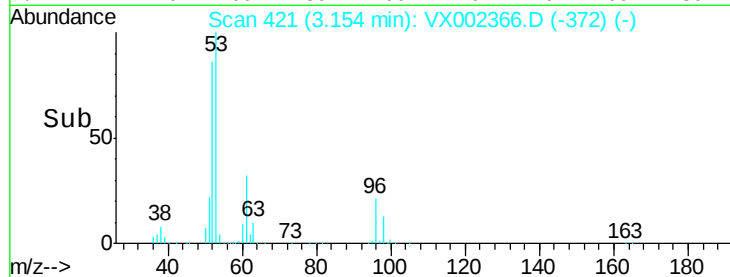
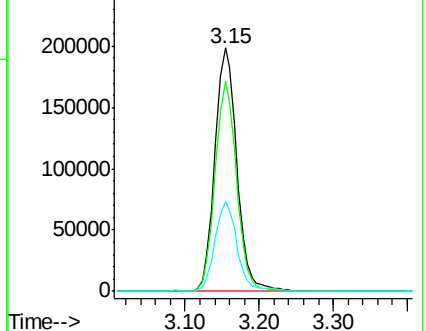
51 37.2 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 347.85 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002366.D

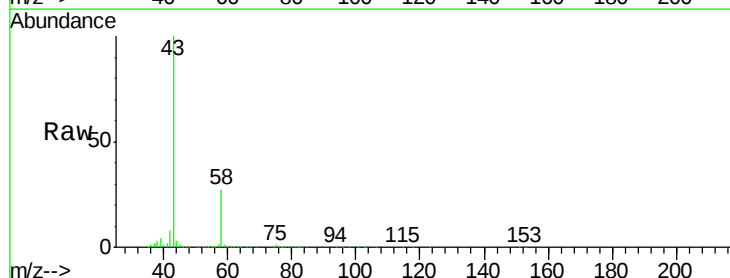
Acq: 06 Jun 2018 21:16

Tgt Ion: 43 Resp: 374686

Ion Ratio Lower Upper

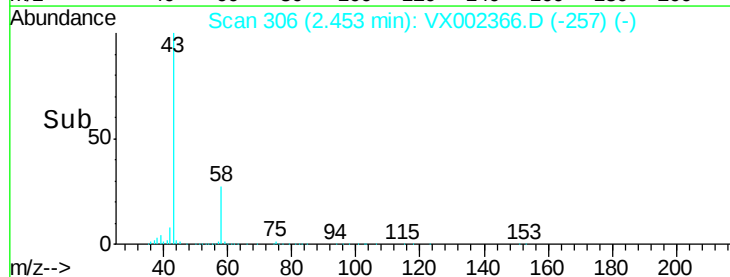
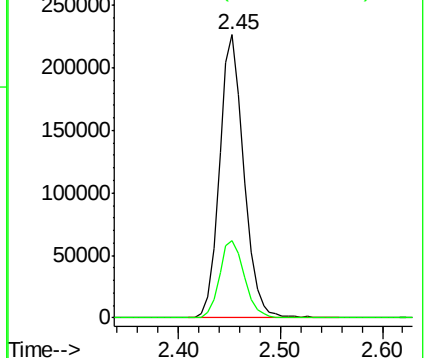
43 100

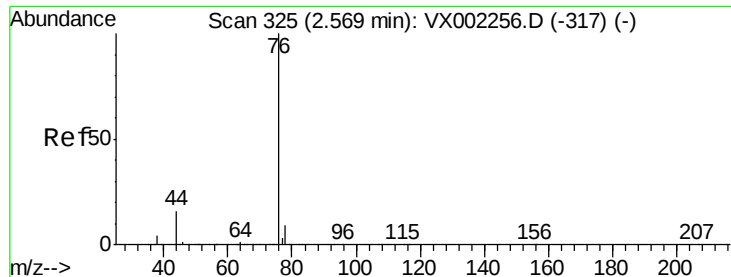
58 27.2 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

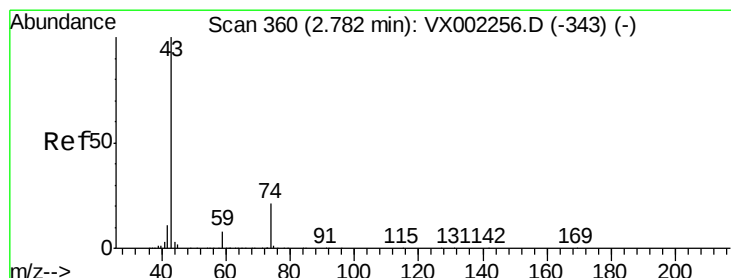
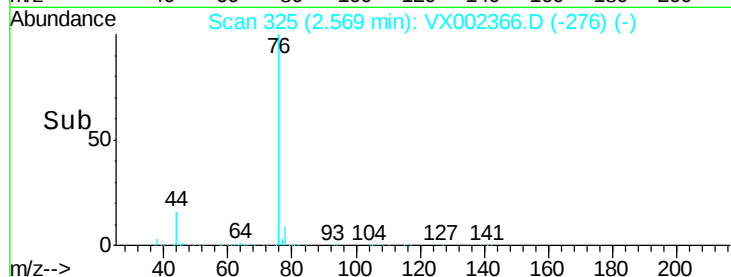
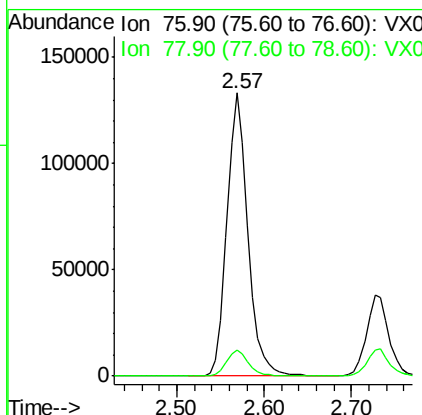
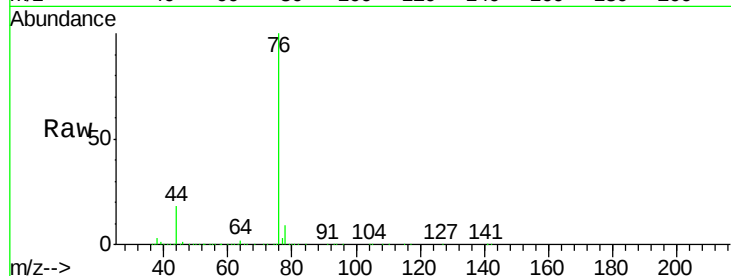




#17
Carbon Disulfide
Concen: 44.09 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002366.D
Acq: 06 Jun 2018 21:16

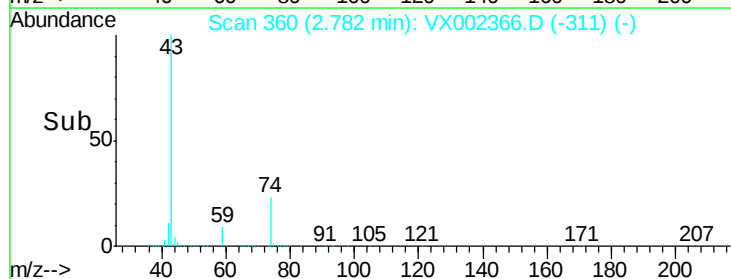
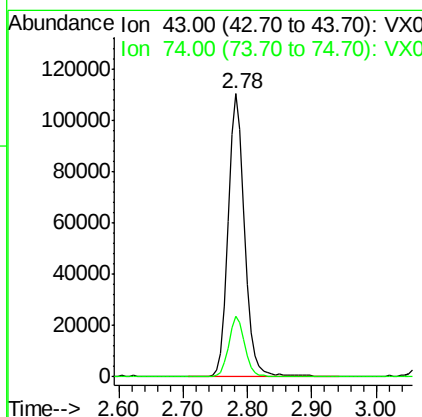
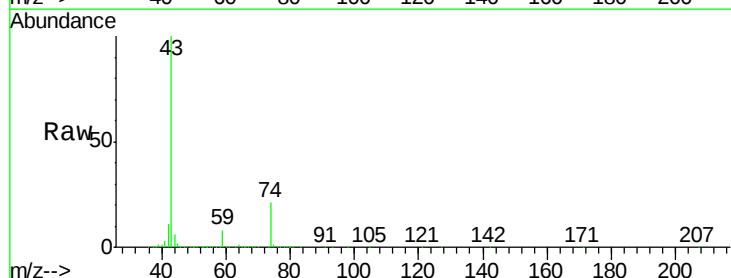
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

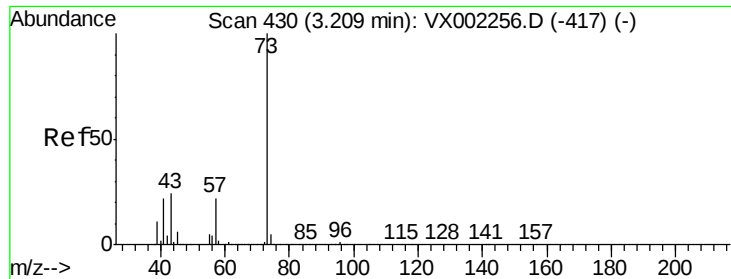
Tot Ion: 76 Resp: 221427
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3



#18
Methyl Acetate
Concen: 78.64 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002366.D
Acq: 06 Jun 2018 21:16

Tgt Ion: 43 Resp: 197691
Ion Ratio Lower Upper
43 100
74 20.5 16.7 25.1

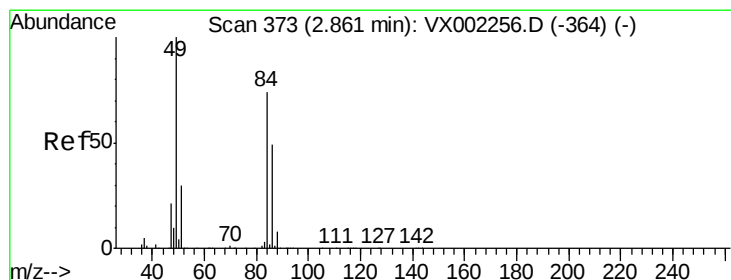
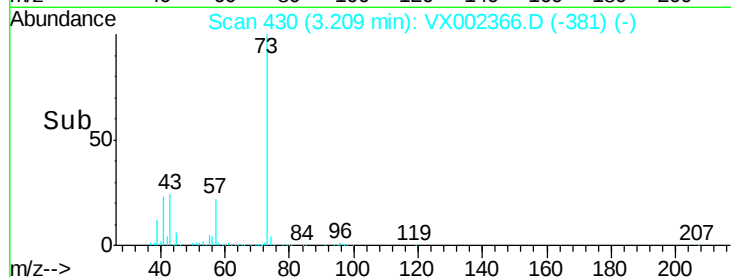
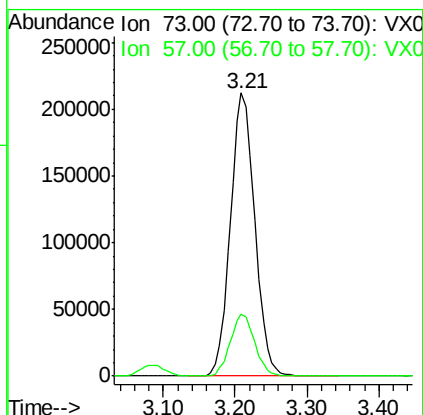
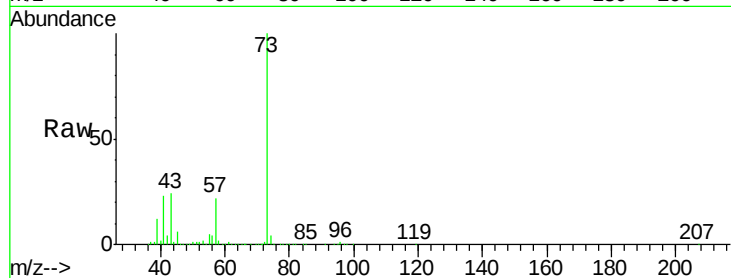




#19
Methyl tert-butyl Ether
Concen: 76.54 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002366.D
Acq: 06 Jun 2018 21:16

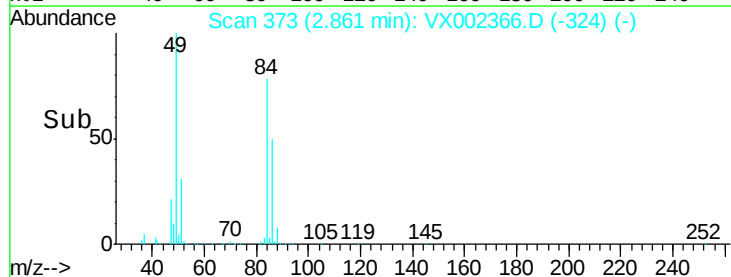
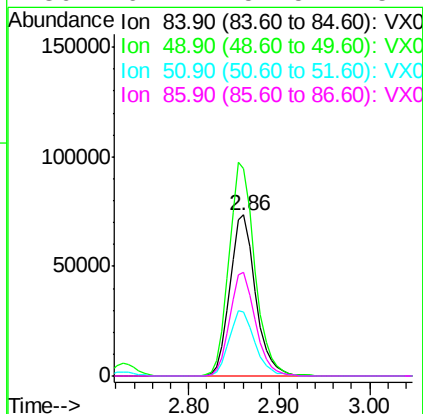
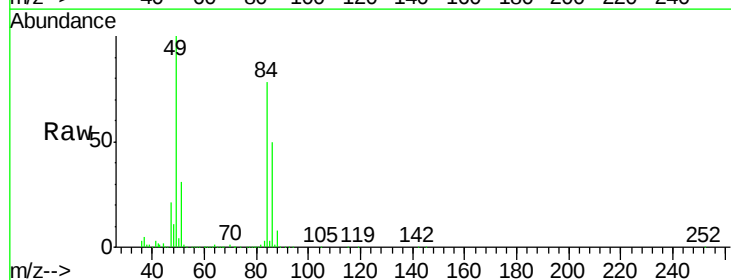
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

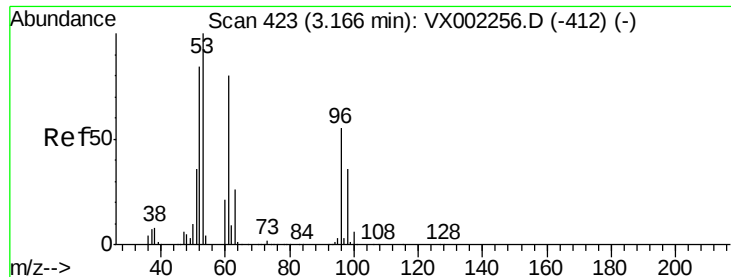
Tot Ion: 73 Resp: 499501
Ion Ratio Lower Upper
73 100
57 22.0 17.7 26.5



#20
Methylene Chloride
Concen: 72.55 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002366.D
Acq: 06 Jun 2018 21:16

Tgt Ion: 84 Resp: 144317
Ion Ratio Lower Upper
84 100
49 129.0 107.8 161.6
51 39.9 32.8 49.2
86 64.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 56.70 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002366.D

Acq: 06 Jun 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

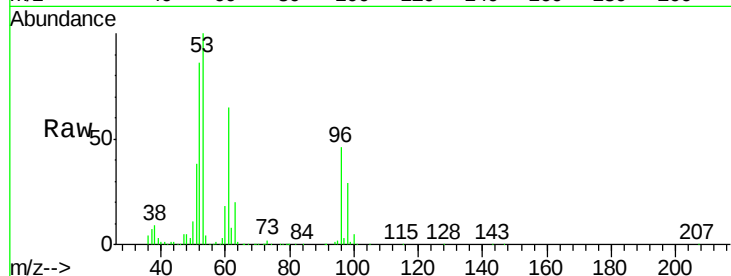
Tot Ion: 96 Resp: 119143

Ion Ratio Lower Upper

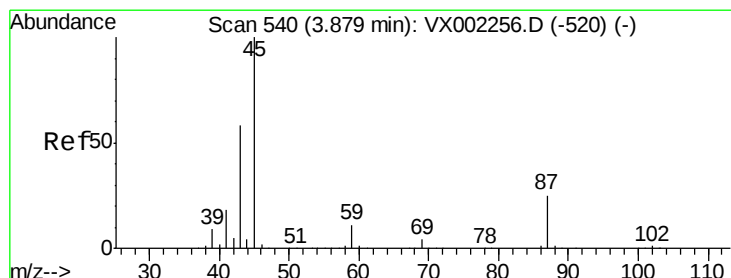
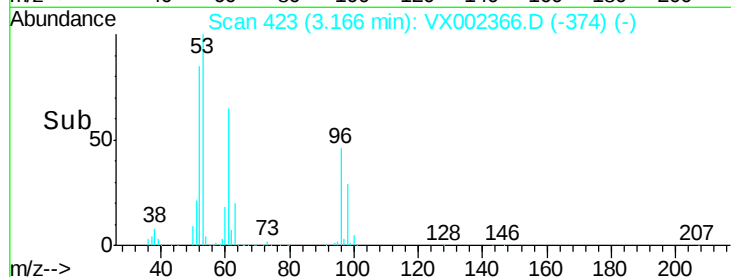
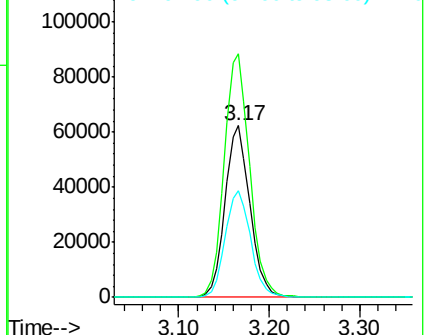
96 100

61 141.9 117.0 175.4

98 62.2 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 66.58 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002366.D

Acq: 06 Jun 2018 21:16

Tgt Ion: 45 Resp: 456579

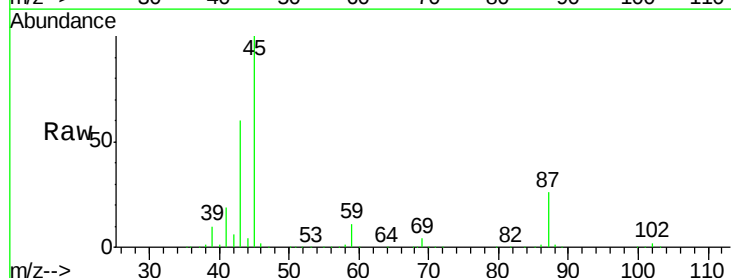
Ion Ratio Lower Upper

45 100

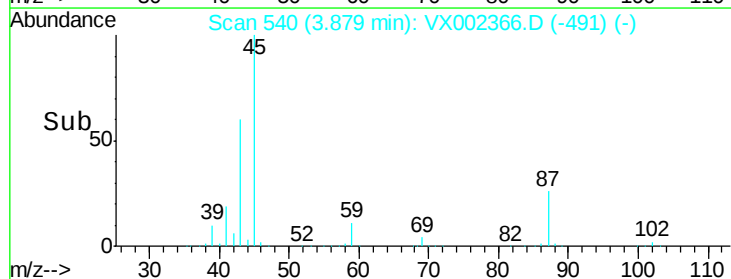
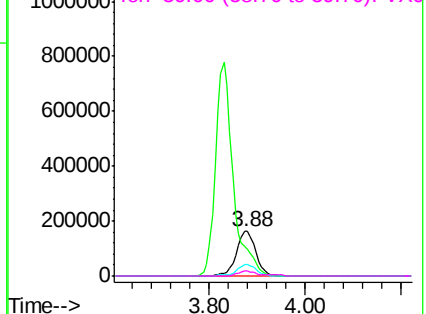
43 60.1 46.8 70.2

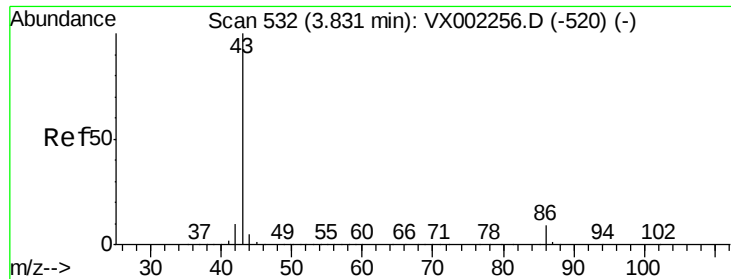
87 26.0 20.2 30.4

59 11.1 8.7 13.1



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 298.43 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002366.D

Acq: 06 Jun 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

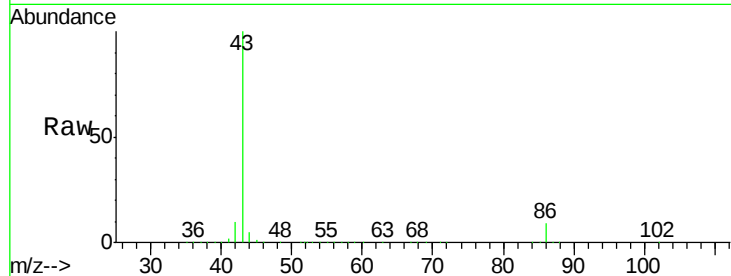
VSTDCCC050EC

Tot Ion: 43 Resp: 2000722

Ion Ratio Lower Upper

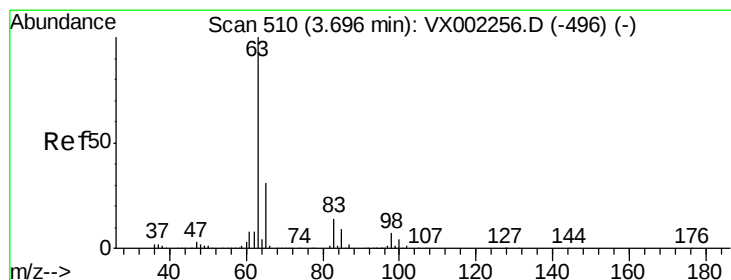
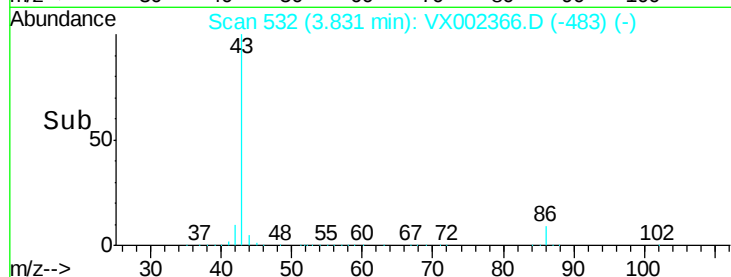
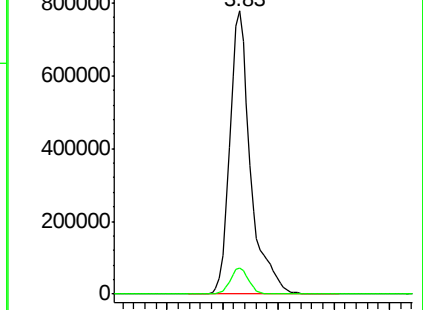
43 100

86 9.3 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 53.59 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002366.D

Acq: 06 Jun 2018 21:16

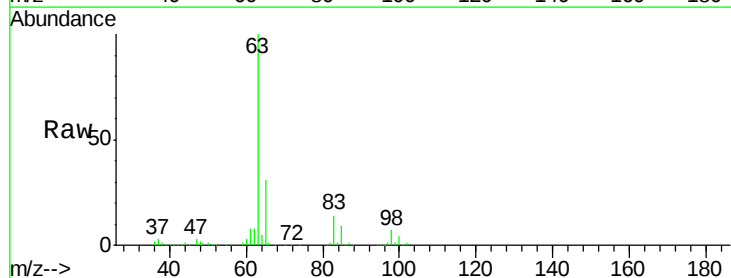
Tgt Ion: 63 Resp: 219020

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

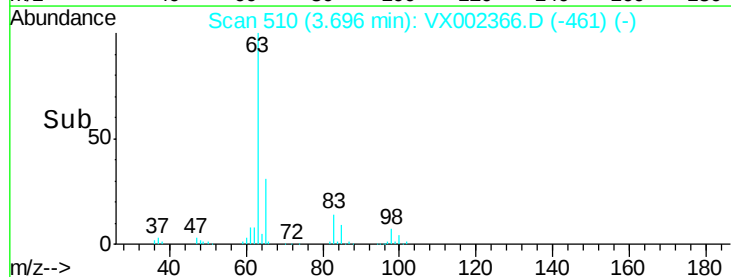
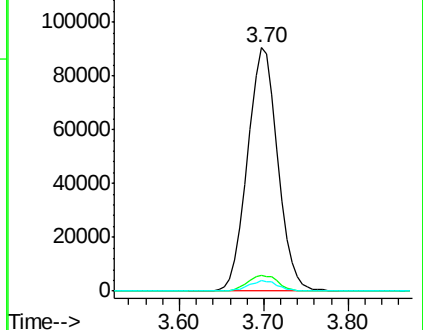
100 4.2 2.0 6.0

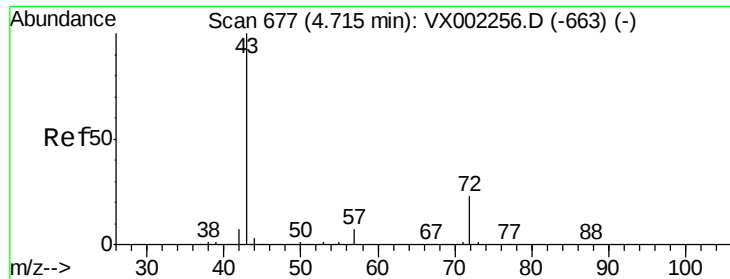


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 299.92 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002366.D

Acq: 06 Jun 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

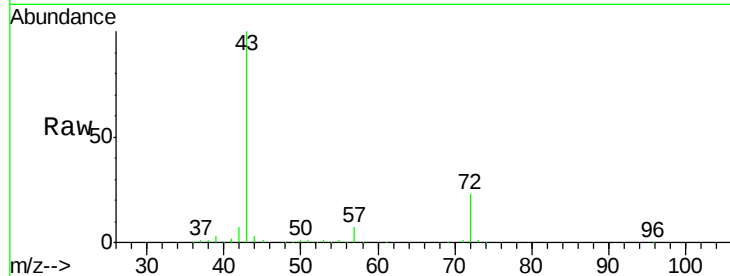
VSTDCCC050EC

Tot Ion: 43 Resp: 526389

Ion Ratio Lower Upper

43 100

72 23.1 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

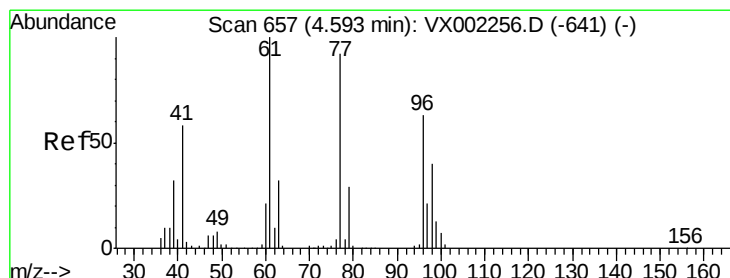
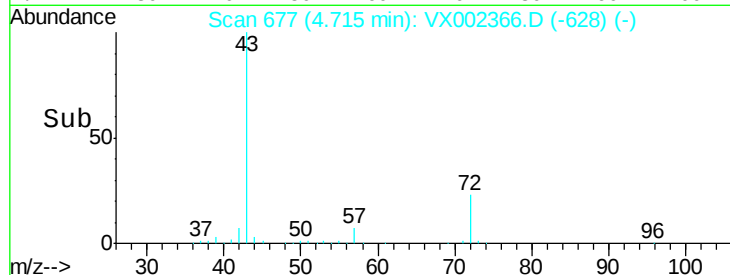
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 42.84 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002366.D

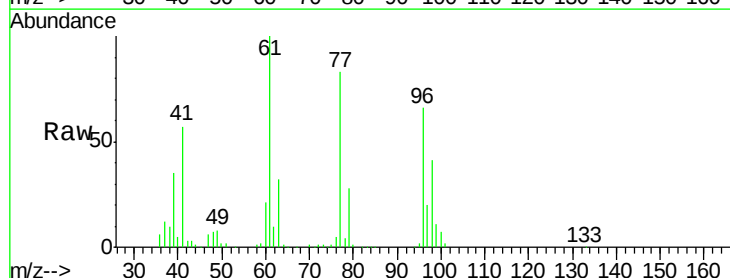
Acq: 06 Jun 2018 21:16

Tgt Ion: 77 Resp: 136884

Ion Ratio Lower Upper

77 100

97 23.7 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

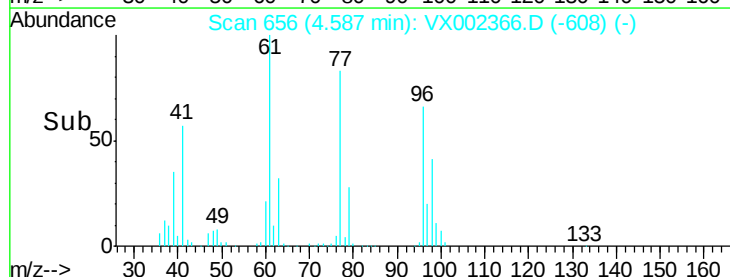
20000

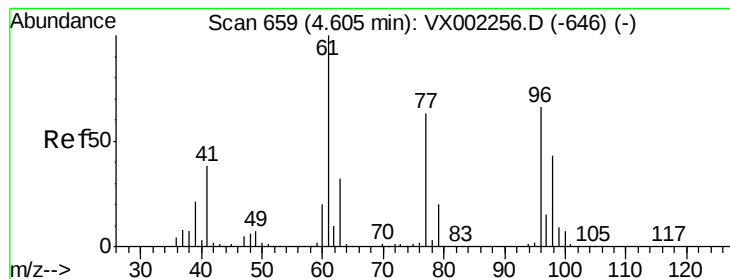
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 58.19 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002366.D

Acq: 06 Jun 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

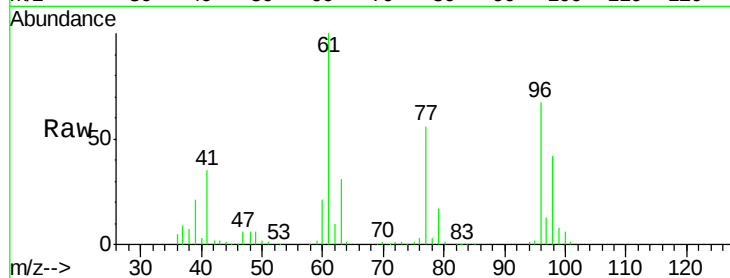
Tot Ion: 96 Resp: 132988

Ion Ratio Lower Upper

96 100

61 151.9 0.0 330.2

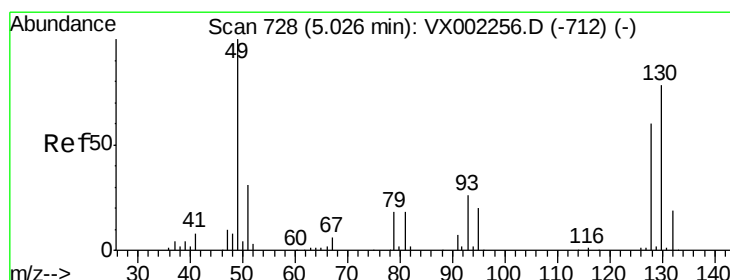
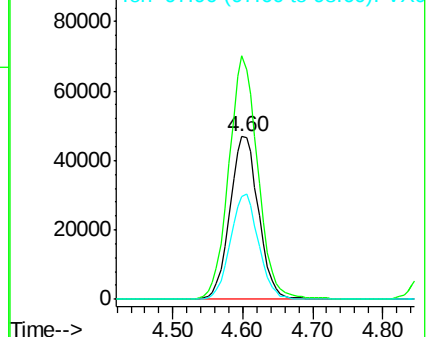
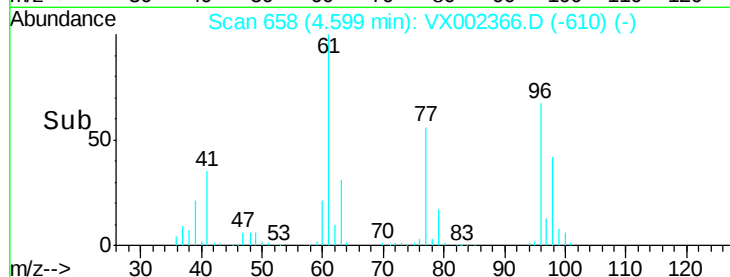
98 63.8 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 69.44 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002366.D

Acq: 06 Jun 2018 21:16

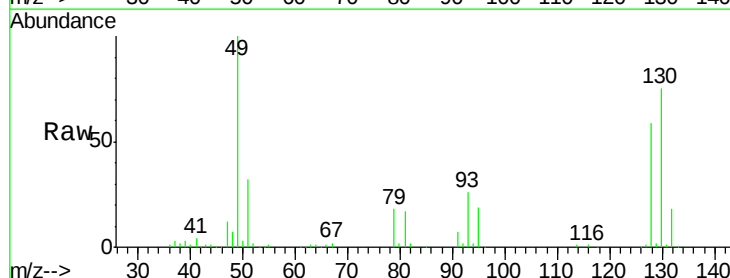
Tgt Ion: 49 Resp: 118300

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

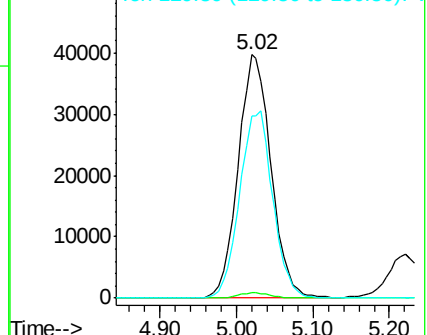
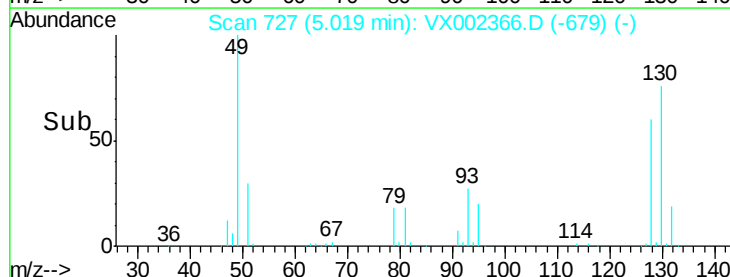
130 77.4 61.2 91.8

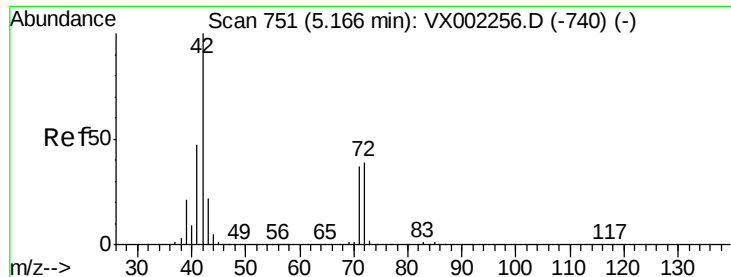


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 305.27 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.00 min

Lab File: VX002366.D

Acq: 06 Jun 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

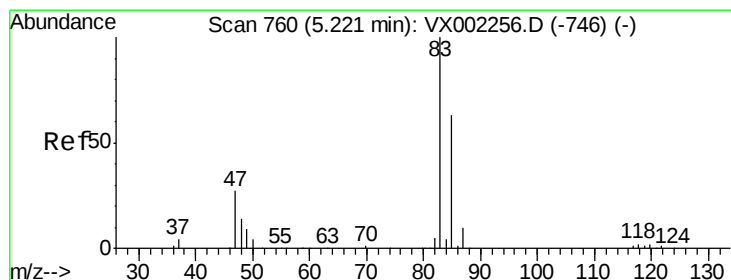
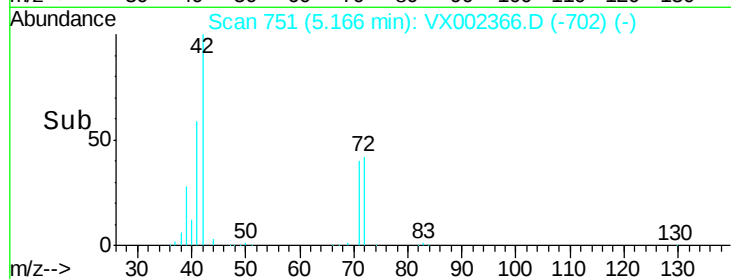
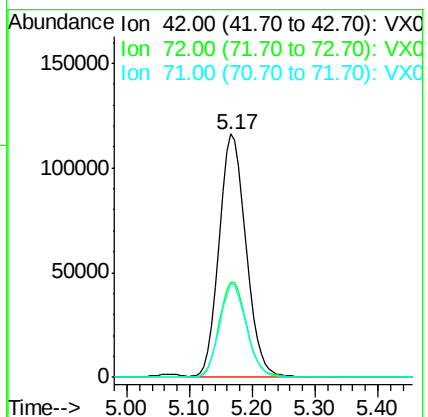
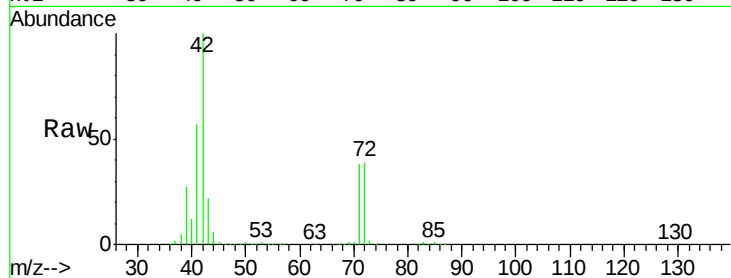
Tot Ion: 42 Resp: 345440

Ion Ratio Lower Upper

42 100

72 40.4 32.0 48.0

71 38.2 30.1 45.1



#30

Chloroform

Concen: 59.92 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002366.D

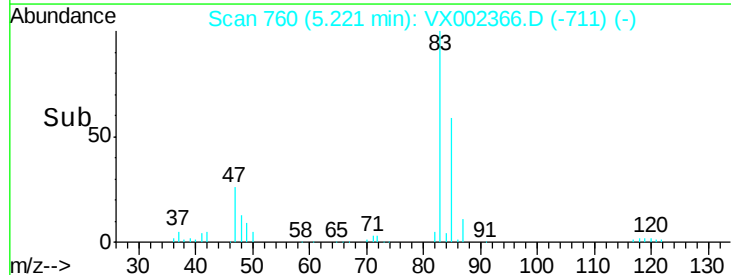
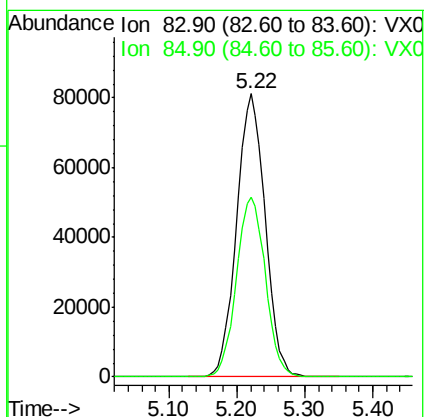
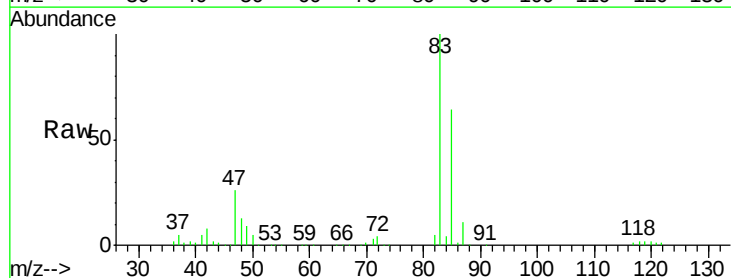
Acq: 06 Jun 2018 21:16

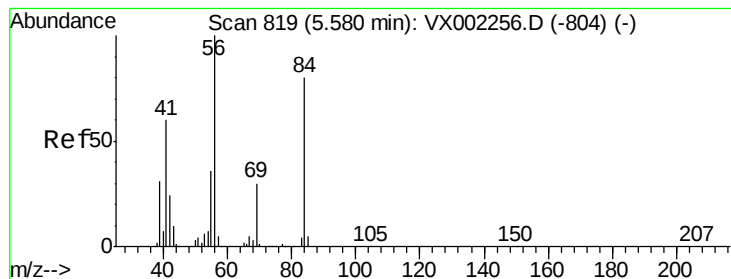
Tgt Ion: 83 Resp: 236341

Ion Ratio Lower Upper

83 100

85 63.6 50.4 75.6





#31

Cyclohexane

Concen: 34.06 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002366.D

Acq: 06 Jun 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

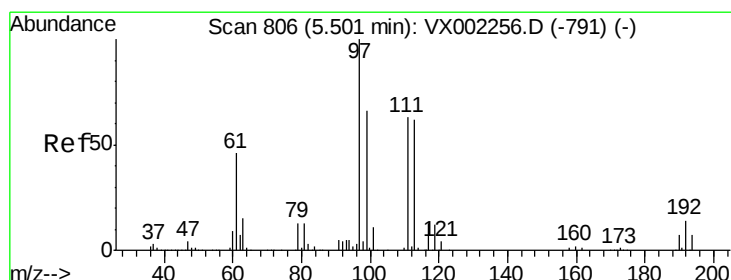
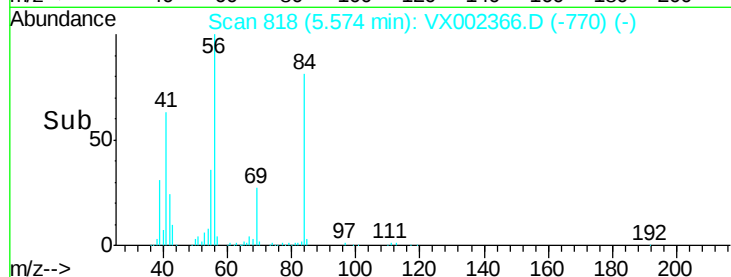
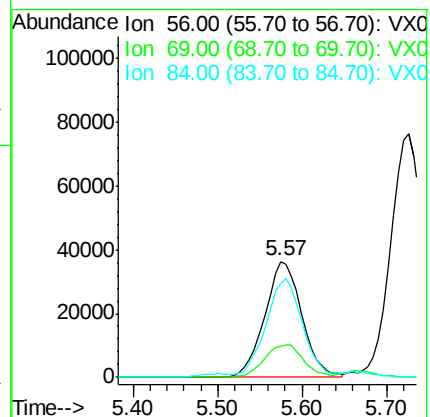
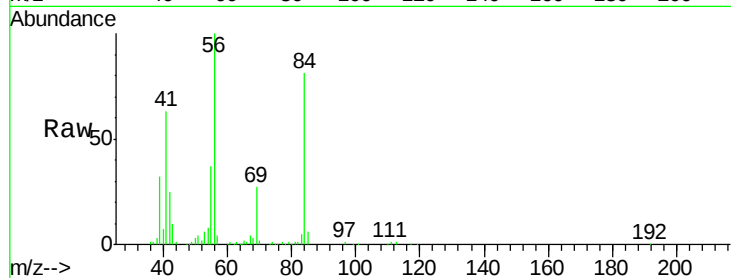
Tot Ion: 56 Resp: 110078

Ion Ratio Lower Upper

56 100

69 27.3 23.7 35.5

84 80.1 64.1 96.1



#32

1,1,1-Trichloroethane

Concen: 52.52 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002366.D

Acq: 06 Jun 2018 21:16

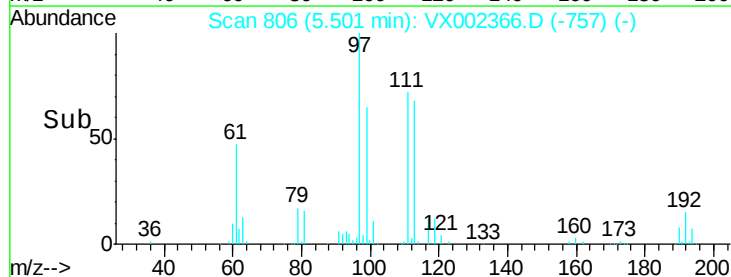
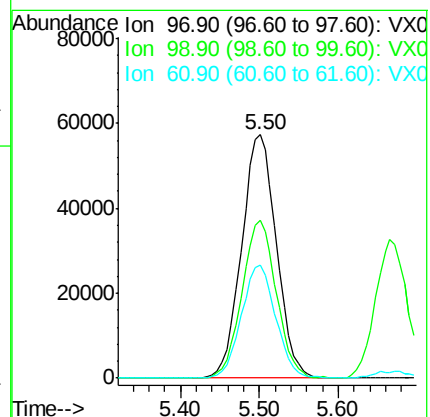
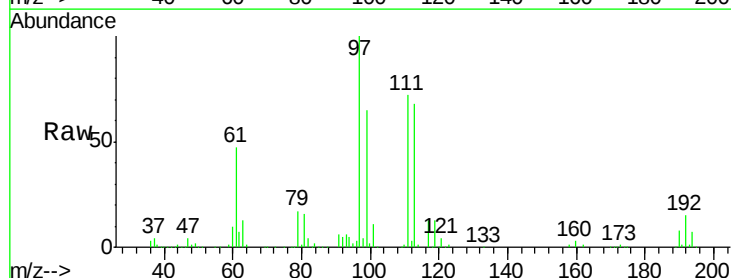
Tgt Ion: 97 Resp: 175666

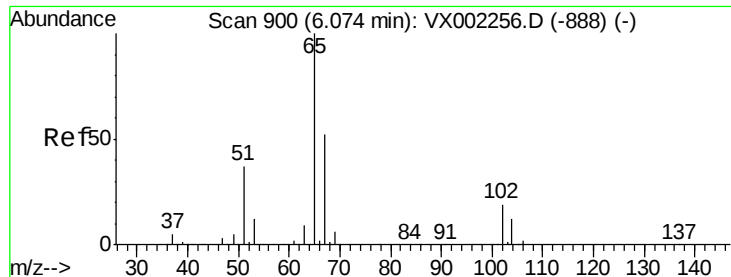
Ion Ratio Lower Upper

97 100

99 64.1 51.6 77.4

61 45.9 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 63.60 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002366.D

Acq: 06 Jun 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

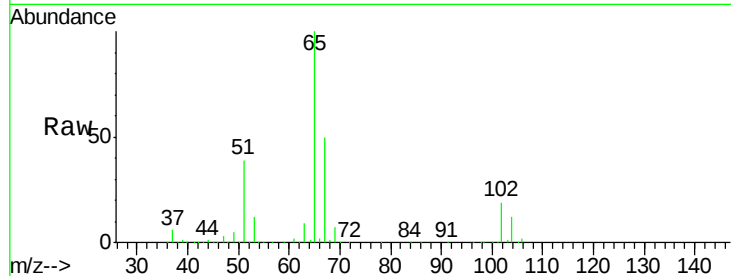
VSTDCCC050EC

Tot Ion: 65 Resp: 160385

Ion Ratio Lower Upper

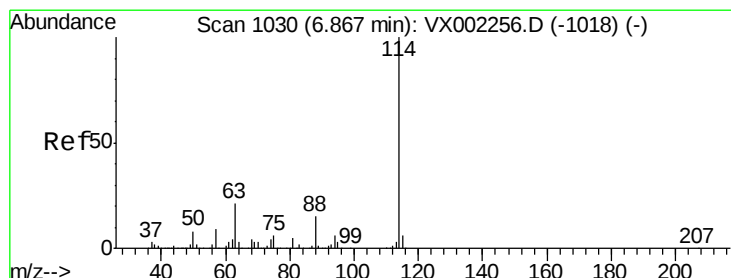
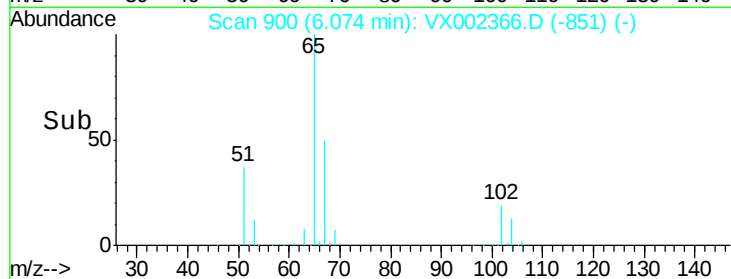
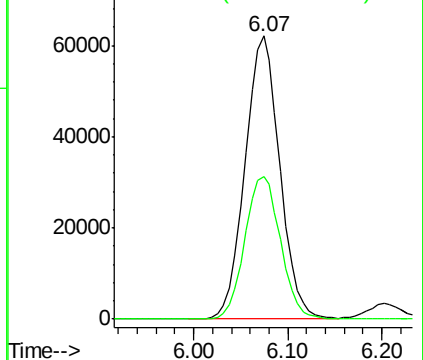
65 100

67 51.9 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002366.D

Acq: 06 Jun 2018 21:16

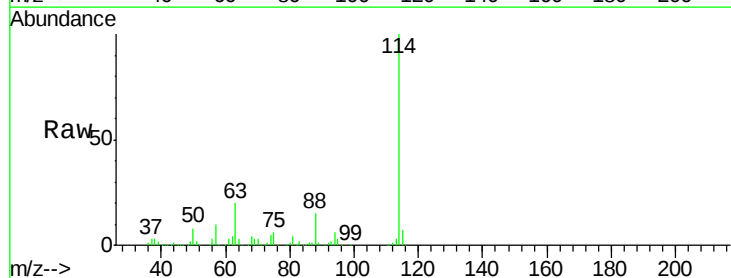
Tgt Ion: 114 Resp: 318020

Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.4

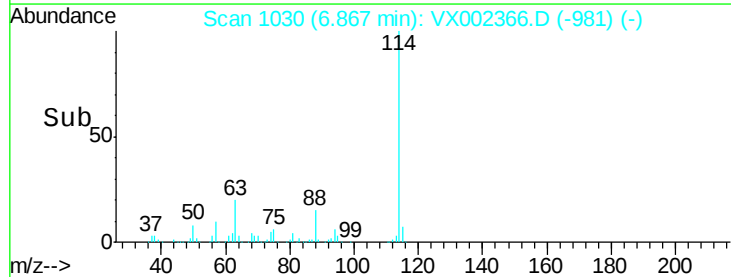
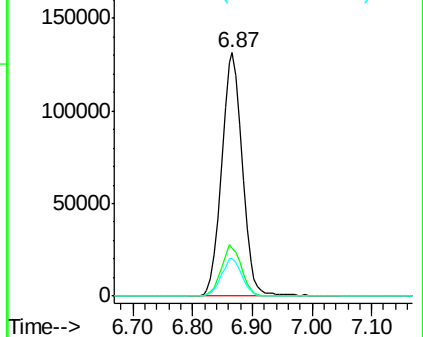
88 15.2 0.0 30.0

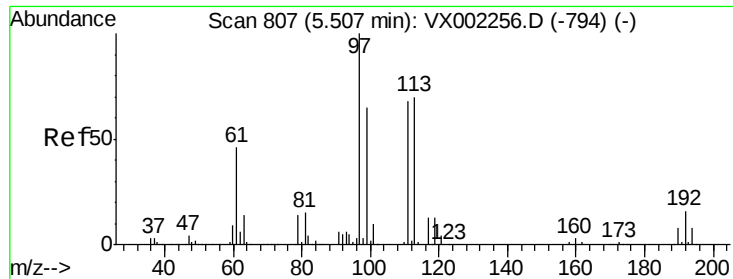


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

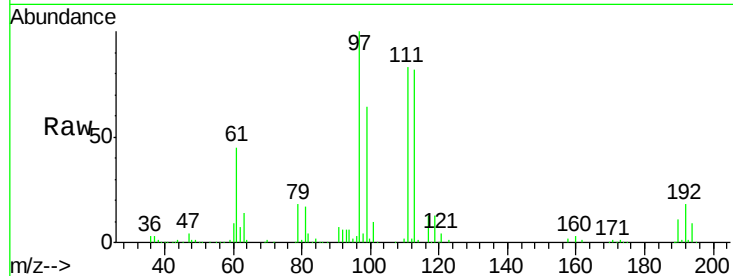




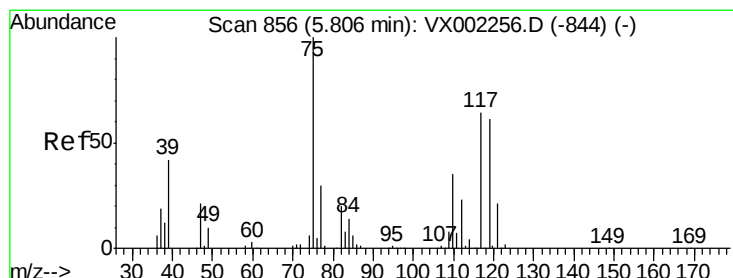
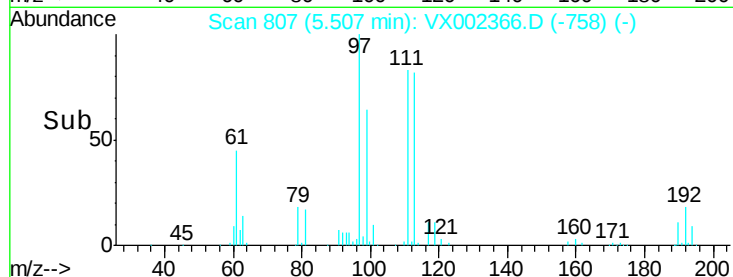
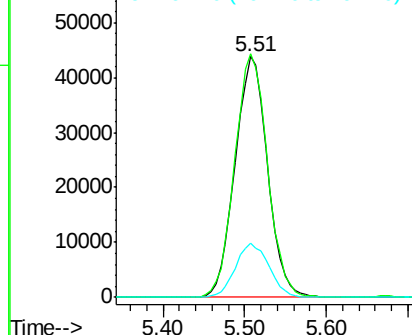
#35
Dibromofluoromethane
Concen: 48.20 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002366.D
Acq: 06 Jun 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:113 Resp: 120552
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 23.2 19.1 28.7

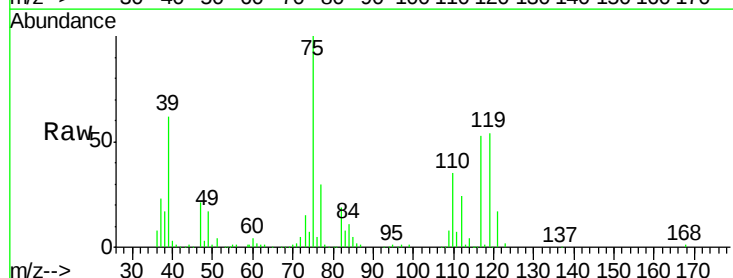


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

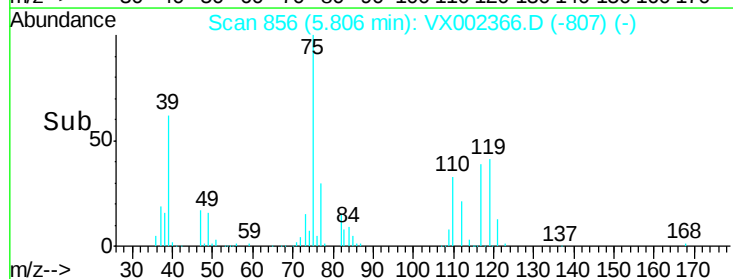
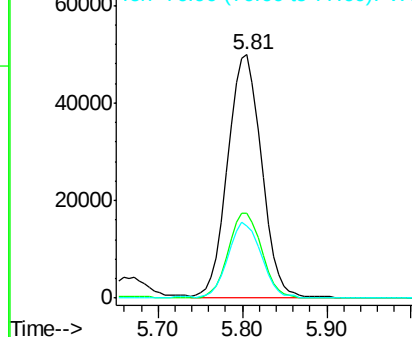


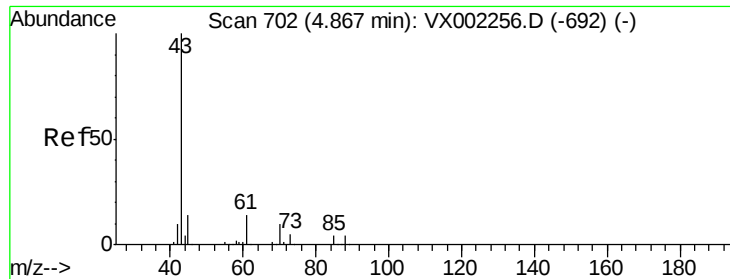
#36
1,1-Dichloropropene
Concen: 40.68 ug/l
RT: 5.81 min Scan# 856
Delta R.T. -0.00 min
Lab File: VX002366.D
Acq: 06 Jun 2018 21:16

Tgt Ion: 75 Resp: 136006
Ion Ratio Lower Upper
75 100
110 35.0 18.1 54.4
77 30.7 24.3 36.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 53.09 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.00 min

Lab File: VX002366.D

Acq: 06 Jun 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

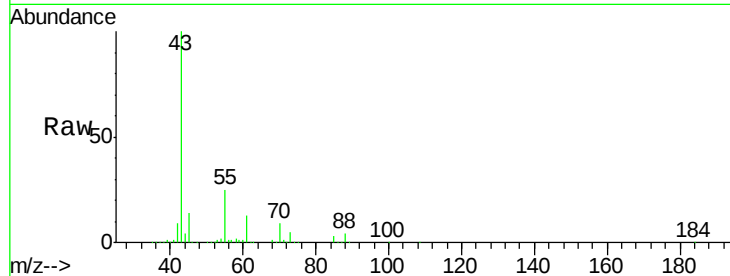
Tot Ion: 43 Resp: 213467

Ion Ratio Lower Upper

43 100

61 12.6 10.4 15.6

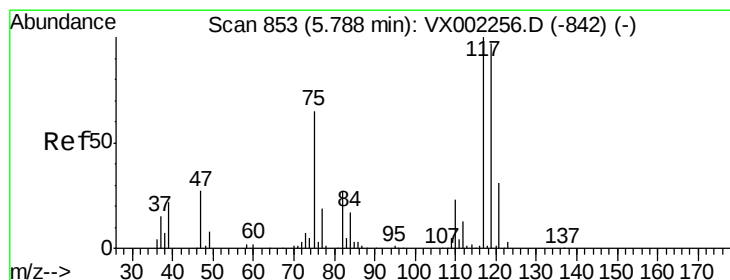
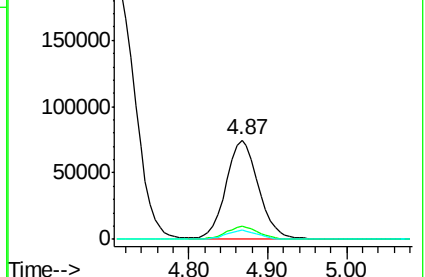
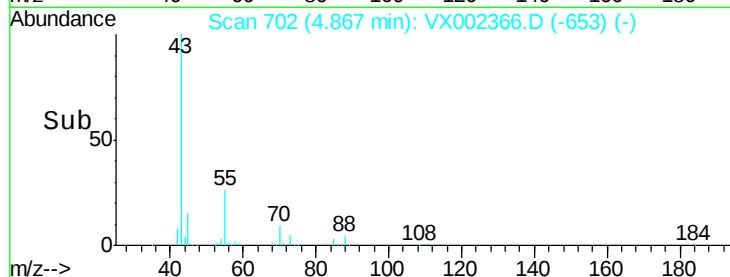
70 9.3 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX002366.D (-653) (-)

Ion 60.90 (60.60 to 61.60): VX002366.D (-653) (-)

Ion 70.00 (69.70 to 70.70): VX002366.D (-653) (-)



#38

Carbon Tetrachloride

Concen: 38.14 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX002366.D

Acq: 06 Jun 2018 21:16

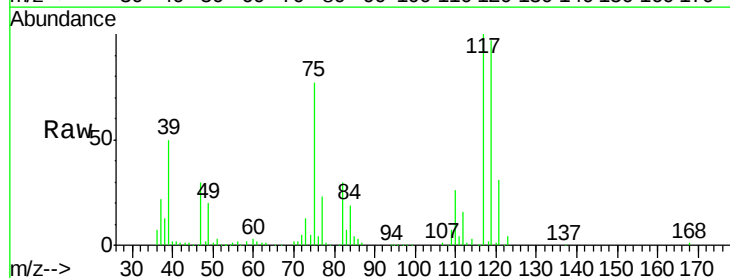
Tgt Ion: 117 Resp: 133411

Ion Ratio Lower Upper

117 100

119 96.9 77.4 116.0

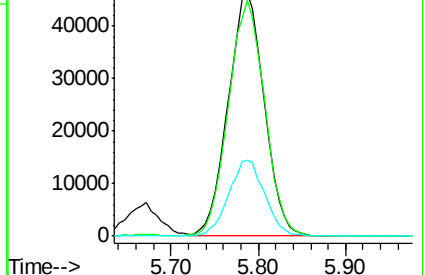
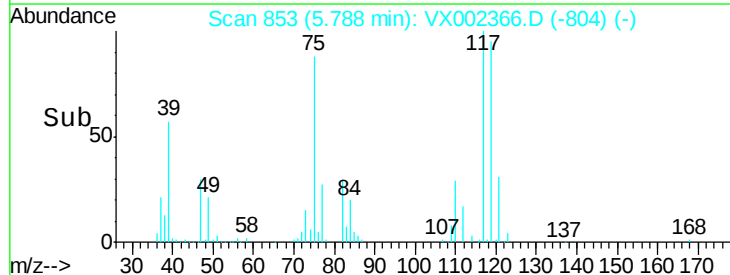
121 30.9 24.4 36.6

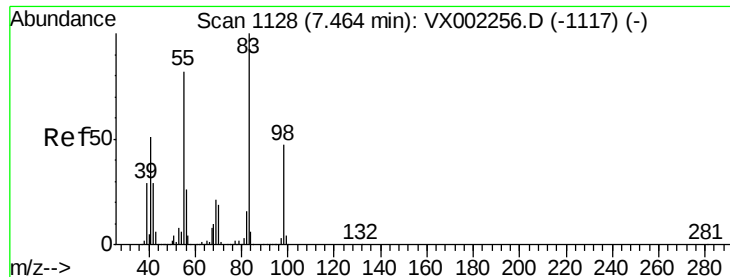


Abundance Ion 116.80 (116.50 to 117.50): VX002366.D (-804) (-)

Ion 118.80 (118.50 to 119.50): VX002366.D (-804) (-)

Ion 120.80 (120.50 to 121.50): VX002366.D (-804) (-)

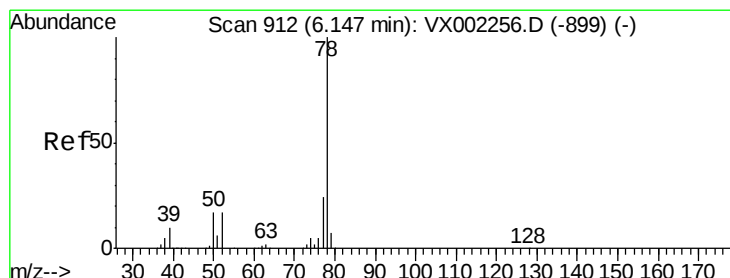
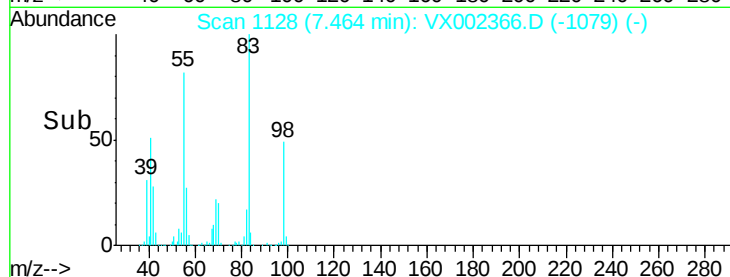
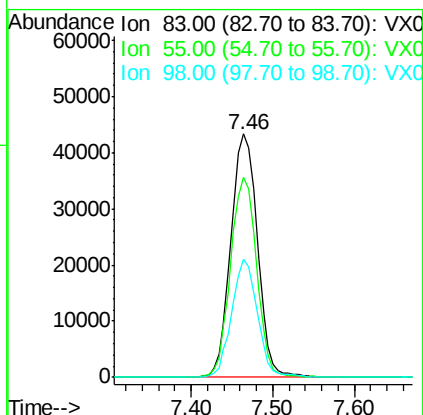
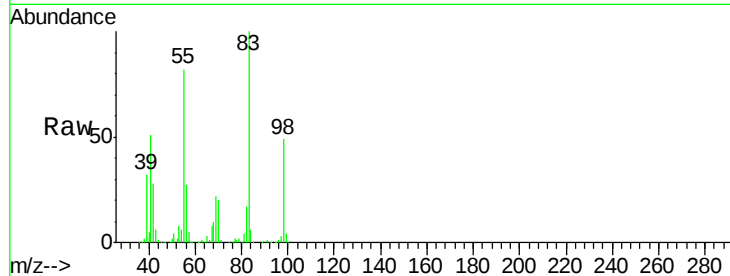




#39
Methvlcvclohexane
Concen: 23.77 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002366.D
Acq: 06 Jun 2018 21:16

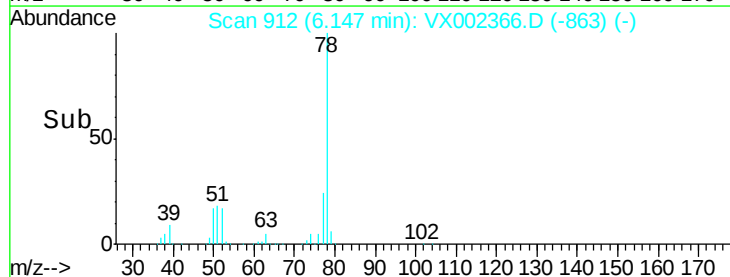
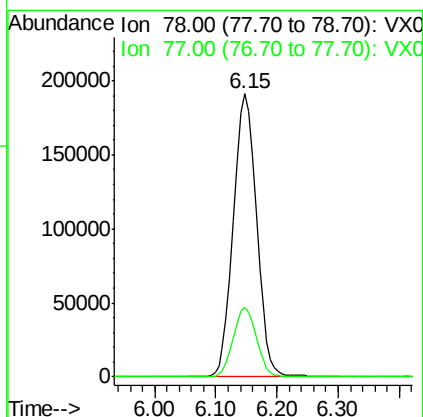
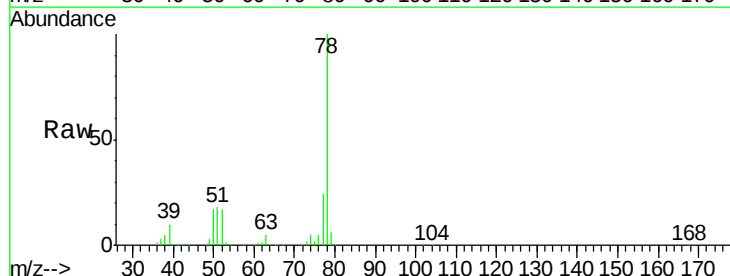
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

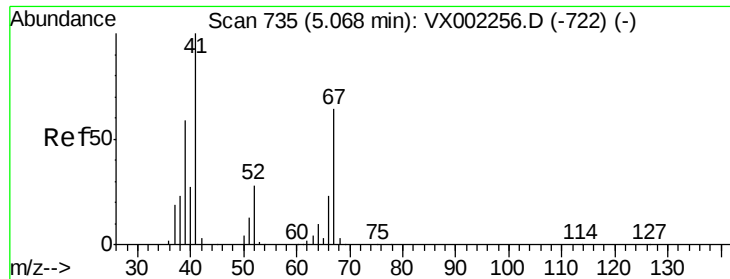
Tot Ion: 83 Resp: 97618
Ion Ratio Lower Upper
83 100
55 82.2 65.4 98.0
98 48.6 37.4 56.0



#40
Benzene
Concen: 48.89 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002366.D
Acq: 06 Jun 2018 21:16

Tgt Ion: 78 Resp: 501167
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7

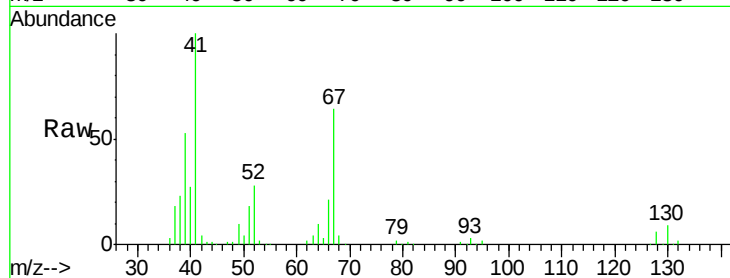




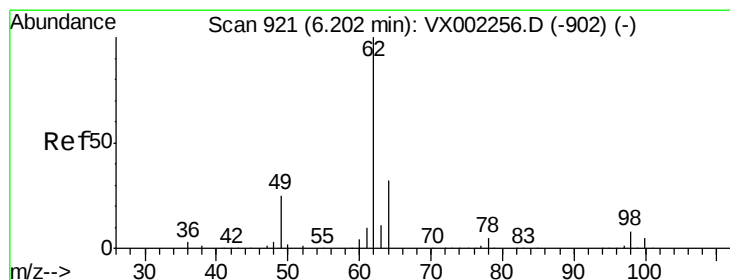
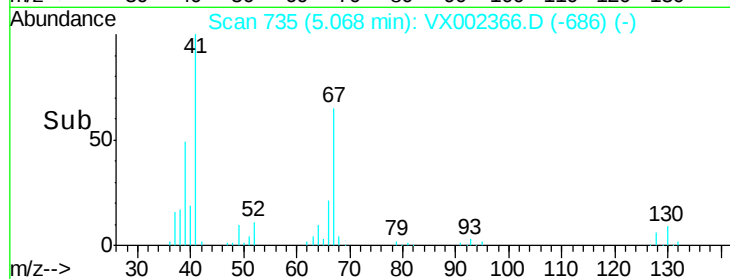
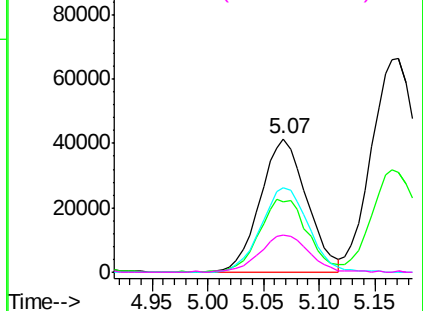
#41
Methacrylonitrile
Concen: 52.09 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002366.D
Acq: 06 Jun 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	119904
Ion	Ratio	Lower	Upper
41	100		
39	55.9	45.8	68.6
67	65.6	51.3	76.9
52	30.0	23.0	34.6

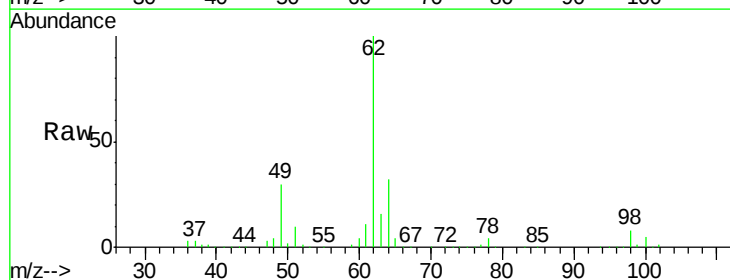


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

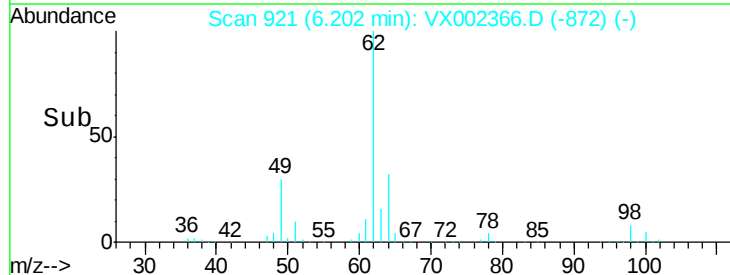
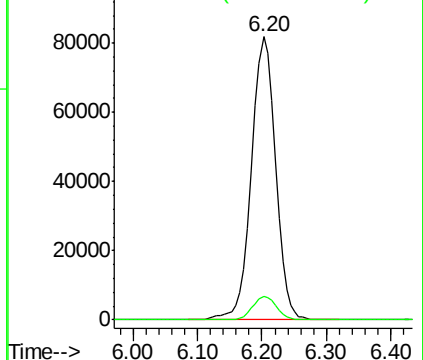


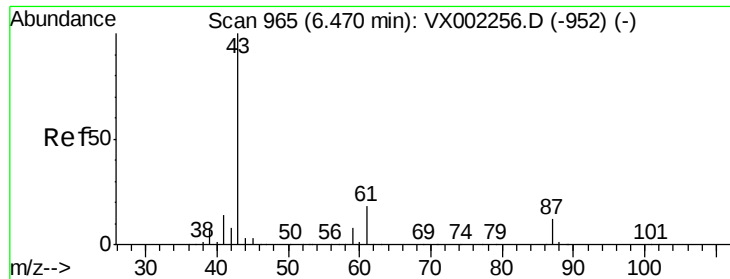
#42
1,2-Dichloroethane
Concen: 51.74 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002366.D
Acq: 06 Jun 2018 21:16

Tgt Ion:	62	Resp:	210742
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



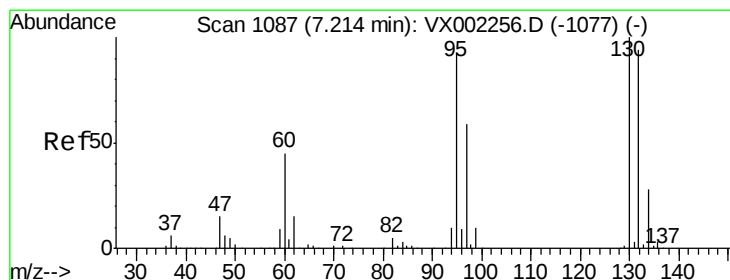
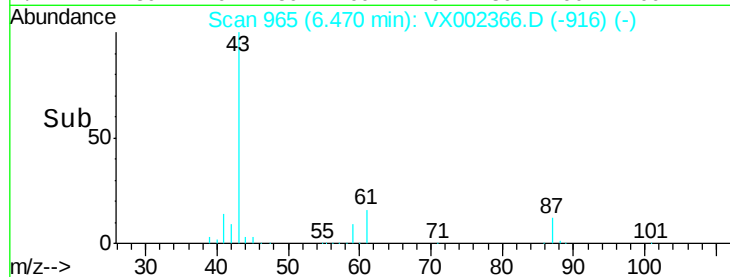
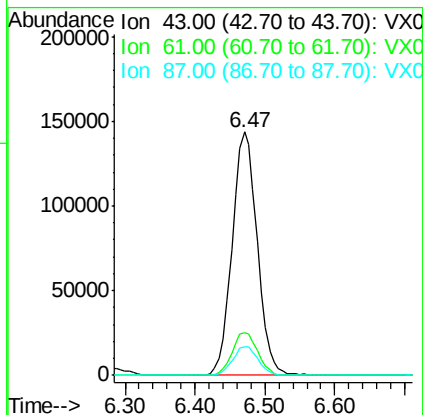
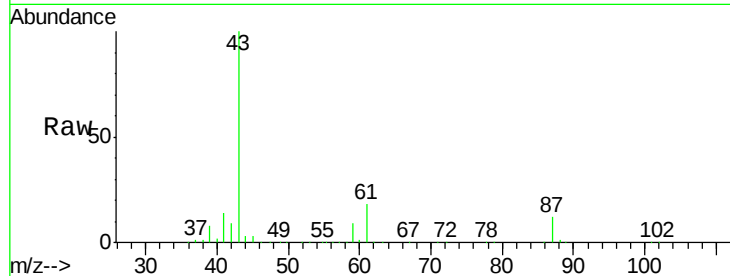


#43

Isopropyl Acetate
 Concen: 52.10 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002366.D
 Acq: 06 Jun 2018 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

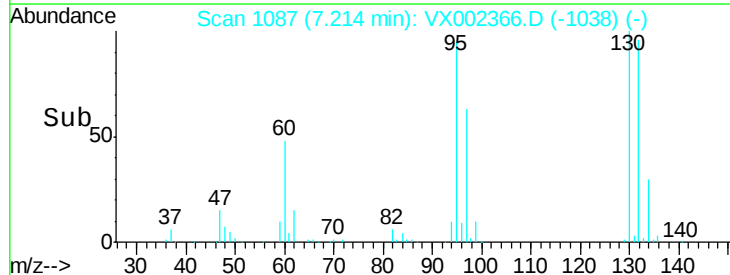
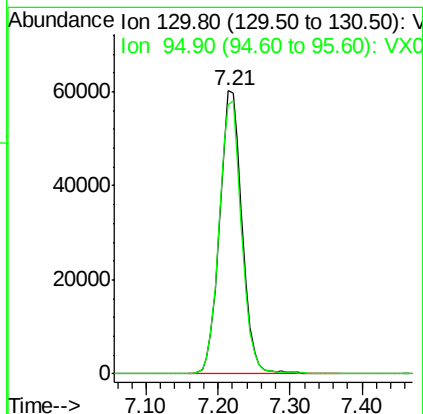
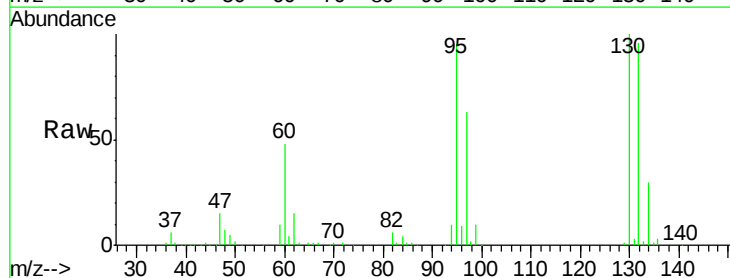
Tot Ion	43	Resp	355832
Ion Ratio	Lower	Upper	
43	100		
61	18.0	14.4	21.6
87	12.1	9.5	14.3

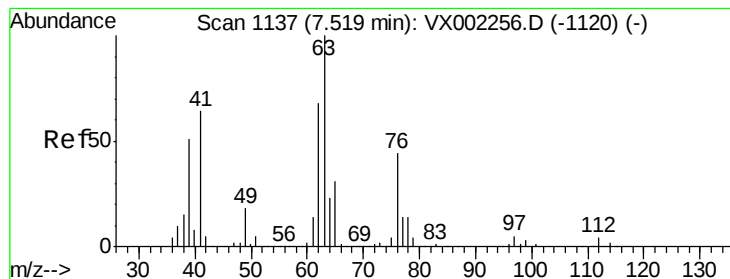


#44

Trichloroethene
 Concen: 45.92 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX002366.D
 Acq: 06 Jun 2018 21:16

Tgt Ion	130	Resp	130651
Ion Ratio	Lower	Upper	
130	100		
95	95.1	0.0	185.4





#45

1,2-Dichloropropane

Concen: 50.69 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002366.D

Acq: 06 Jun 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

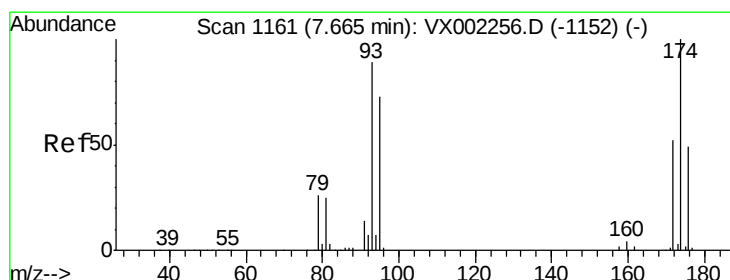
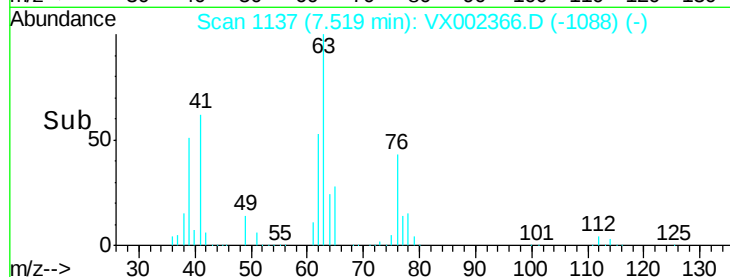
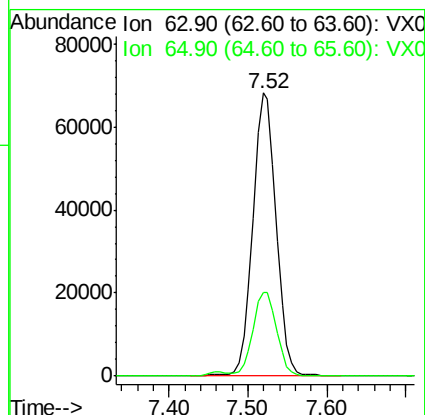
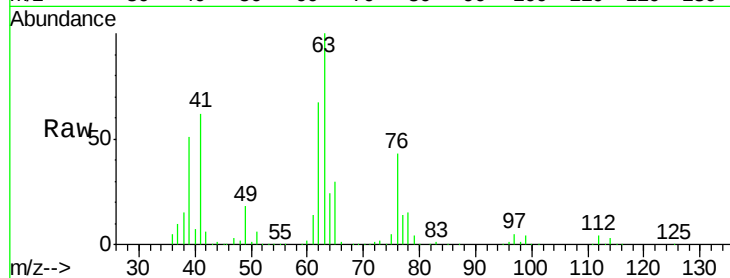
VSTDCCC050EC

Tot Ion: 63 Resp: 140272

Ion Ratio Lower Upper

63 100

65 29.5 24.7 37.1



#46

Dibromomethane

Concen: 51.47 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002366.D

Acq: 06 Jun 2018 21:16

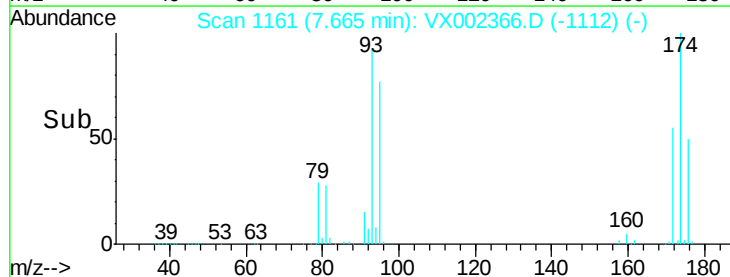
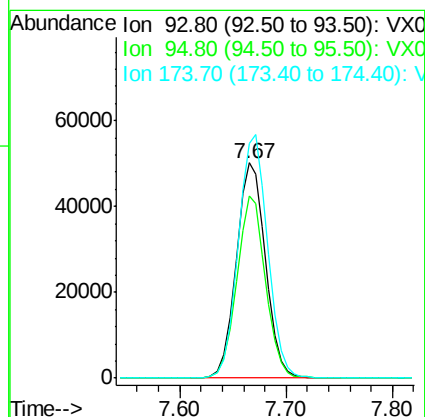
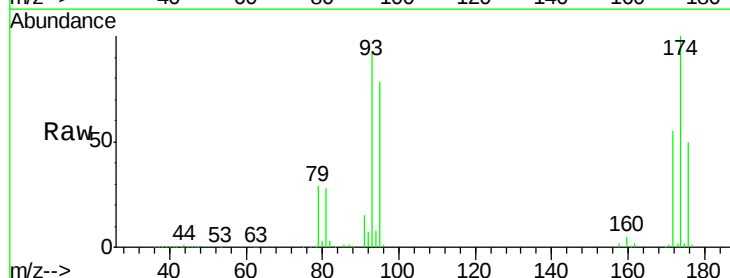
Tgt Ion: 93 Resp: 96552

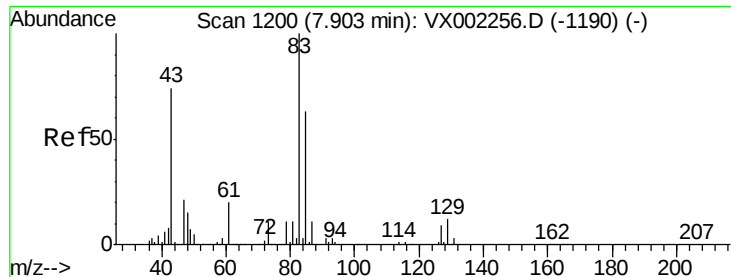
Ion Ratio Lower Upper

93 100

95 83.0 65.9 98.9

174 113.9 92.4 138.6

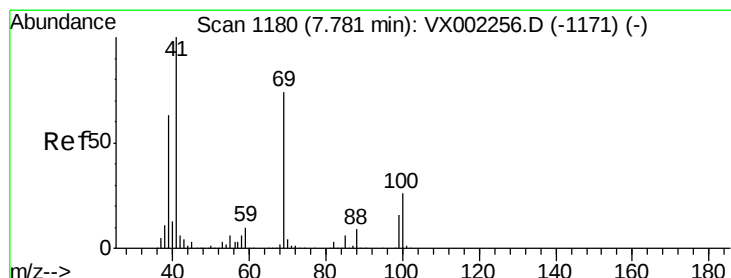
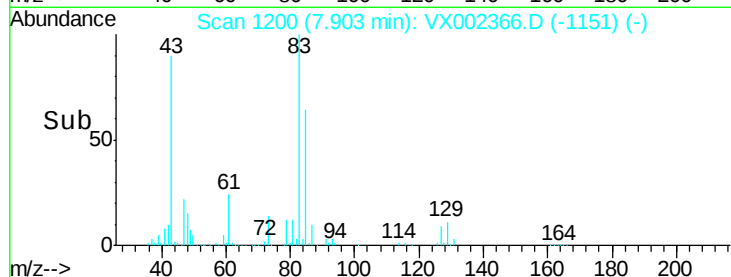
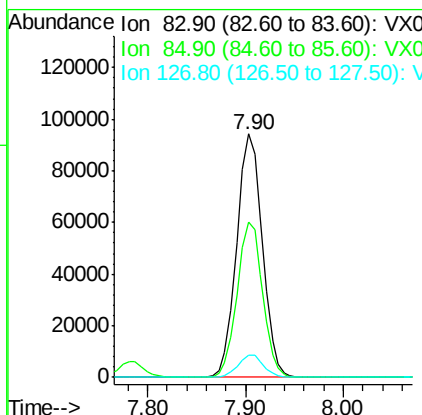
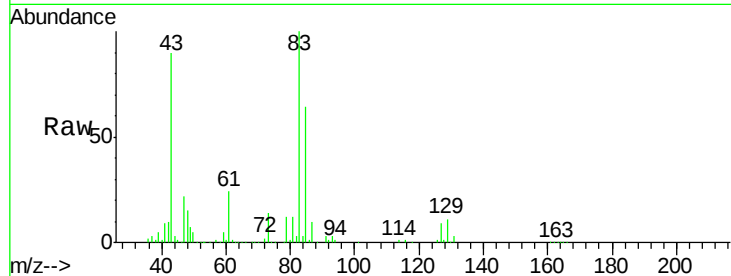




#47
 Bromodichloromethane
 Concen: 50.71 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: VX002366.D
 Acq: 06 Jun 2018 21:16

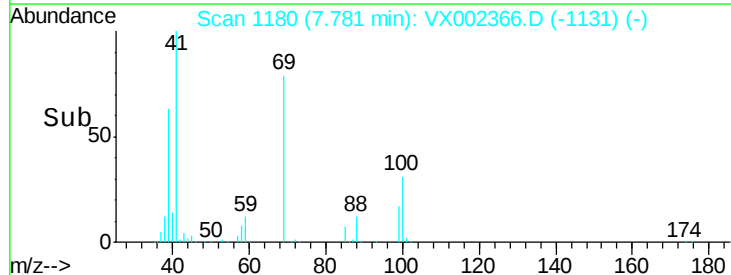
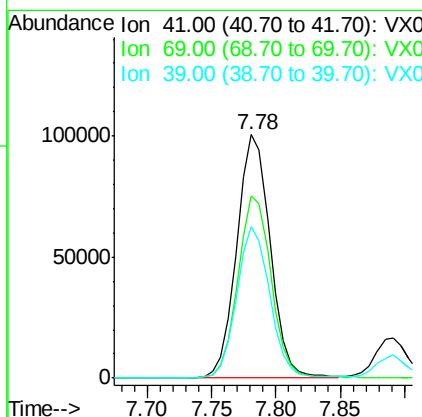
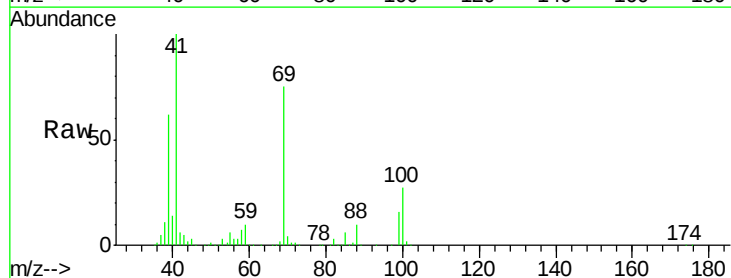
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

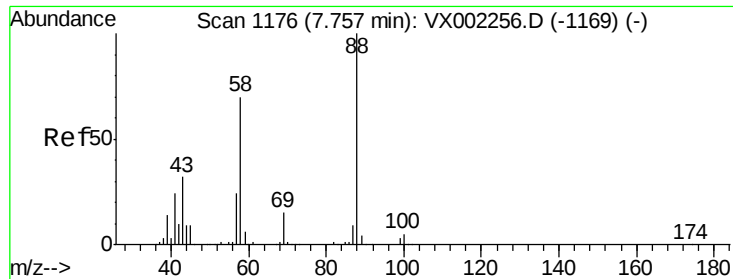
Tot Ion: 83 Resp: 172062
 Ion Ratio Lower Upper
 83 100
 85 63.5 50.3 75.5
 127 9.1 7.0 10.4



#48
 Methyl methacrylate
 Concen: 52.65 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VX002366.D
 Acq: 06 Jun 2018 21:16

Tgt Ion: 41 Resp: 180615
 Ion Ratio Lower Upper
 41 100
 69 74.9 59.1 88.7
 39 61.7 48.9 73.3

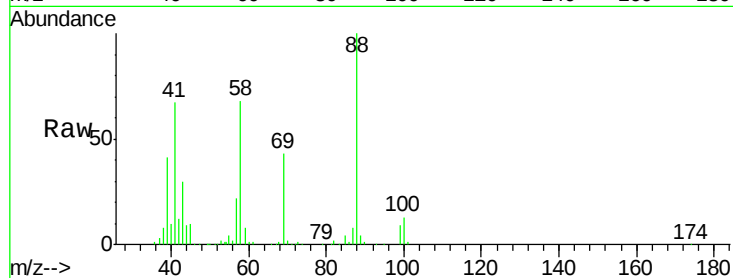




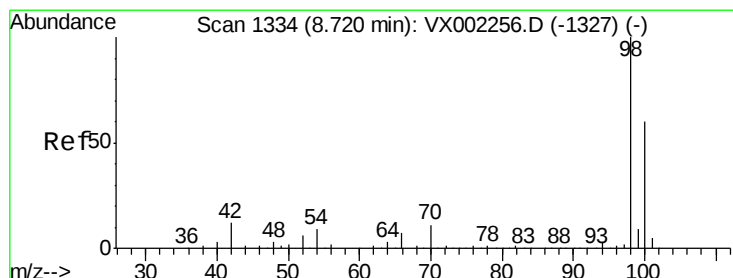
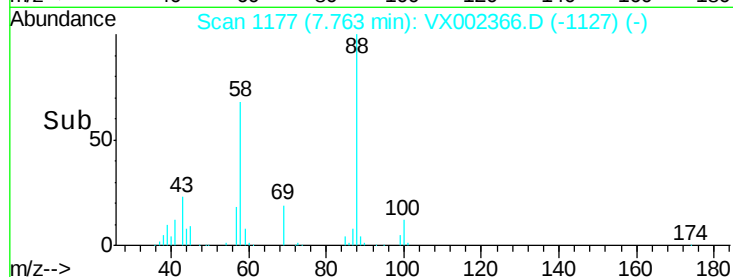
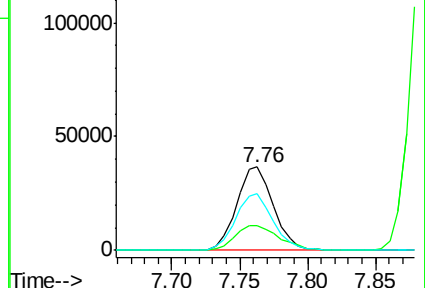
#49
1,4-Dioxane
Concen: 1074.56 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002366.D
Acq: 06 Jun 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 68922
Ion Ratio Lower Upper
88 100
43 35.1 29.8 44.6
58 69.7 57.1 85.7

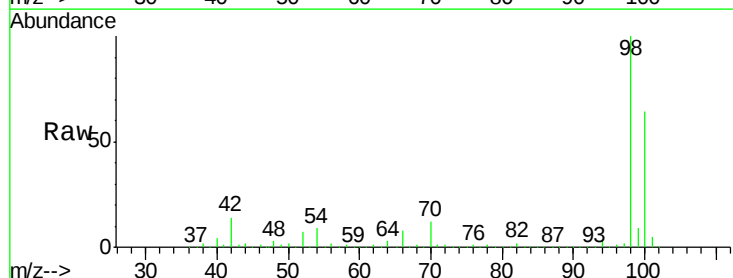


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

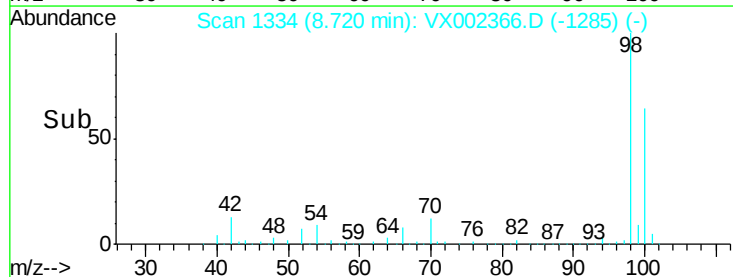
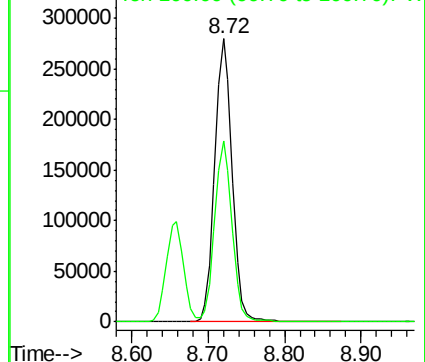


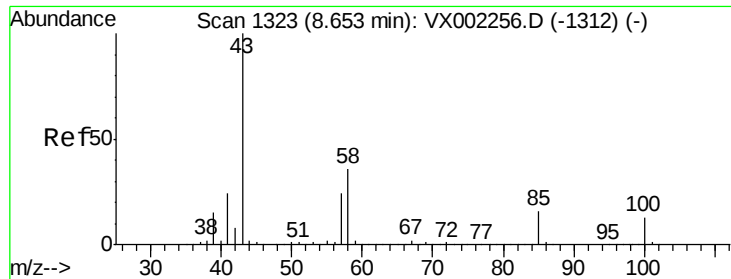
#50
Toluene-d8
Concen: 46.20 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002366.D
Acq: 06 Jun 2018 21:16

Tgt Ion: 98 Resp: 442893
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 272.23 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002366.D

Acq: 06 Jun 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

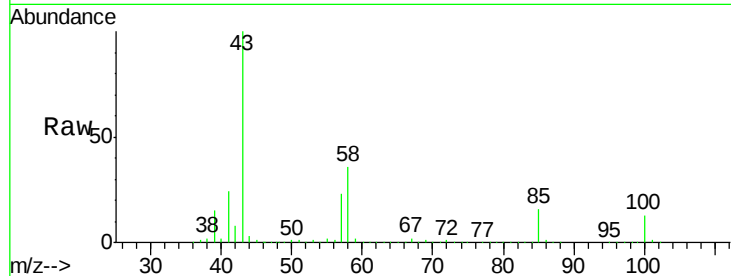
VSTDCCC050EC

Tot Ion: 43 Resp: 1157745

Ion Ratio Lower Upper

43 100

58 35.7 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

800000

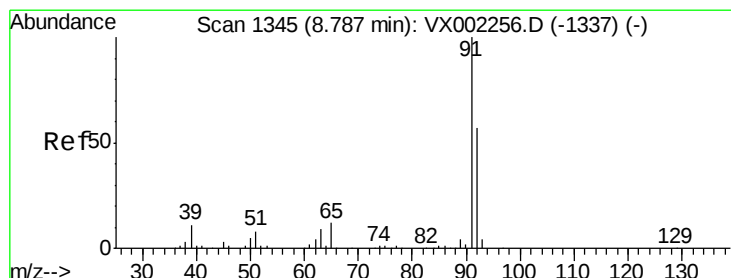
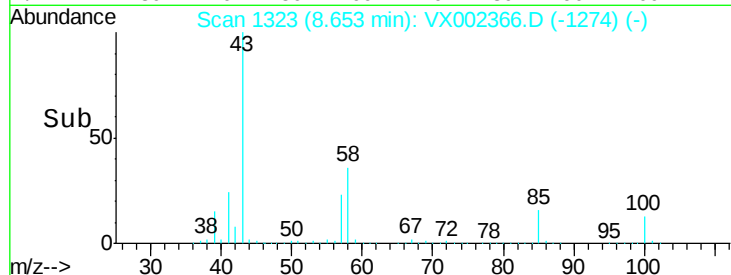
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 49.25 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002366.D

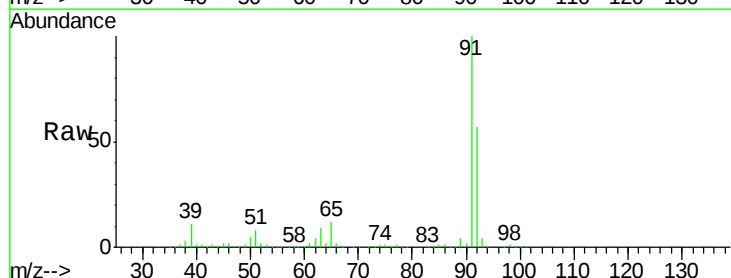
Acq: 06 Jun 2018 21:16

Tgt Ion: 92 Resp: 321125

Ion Ratio Lower Upper

92 100

91 176.1 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

400000

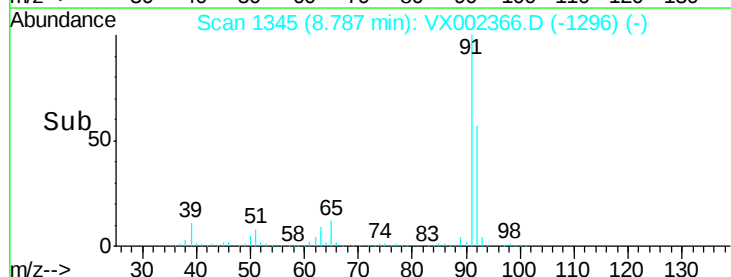
300000

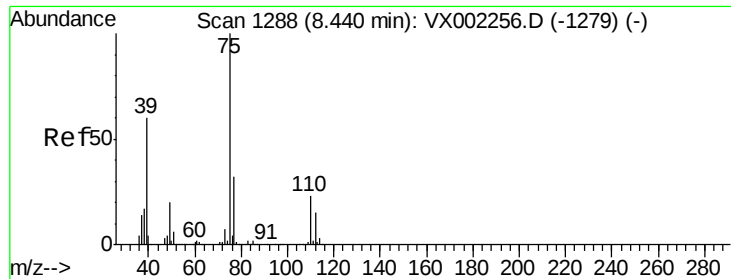
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.11 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002366.D

Acq: 06 Jun 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

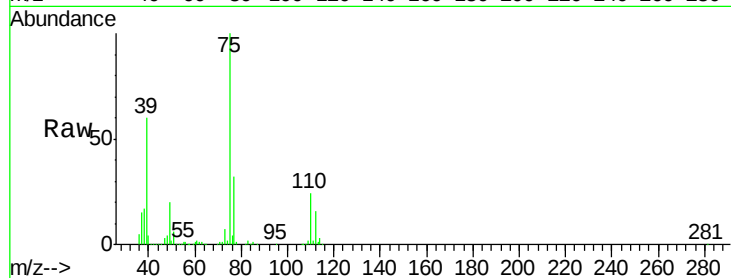
VSTDCCC050EC

Tot Ion: 75 Resp: 203905

Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

150000

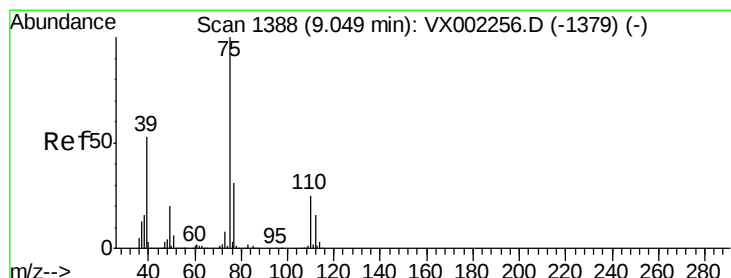
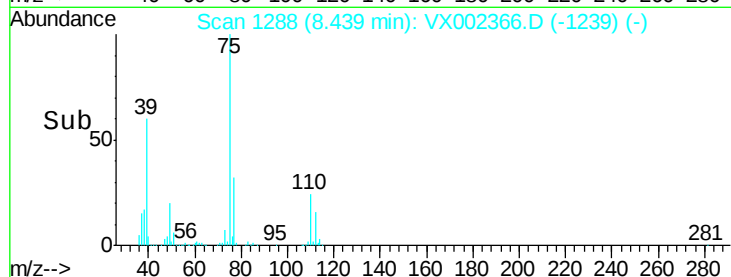
100000

50000

0

8.35 8.40 8.45 8.50 8.55

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.69 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002366.D

Acq: 06 Jun 2018 21:16

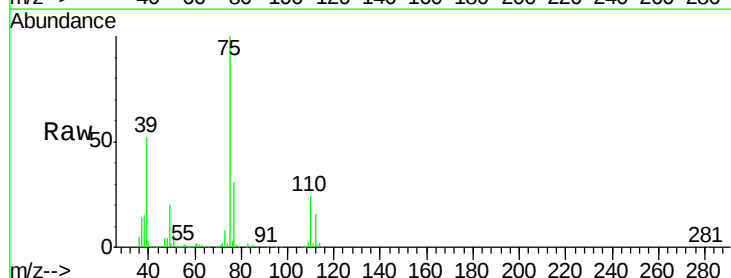
Tgt Ion: 75 Resp: 190748

Ion Ratio Lower Upper

75 100

77 31.0 24.8 37.2

39 51.5 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.05

150000

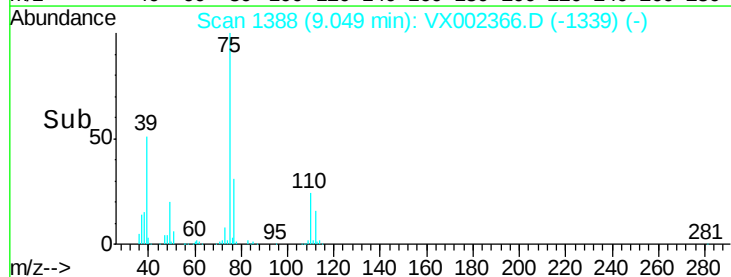
100000

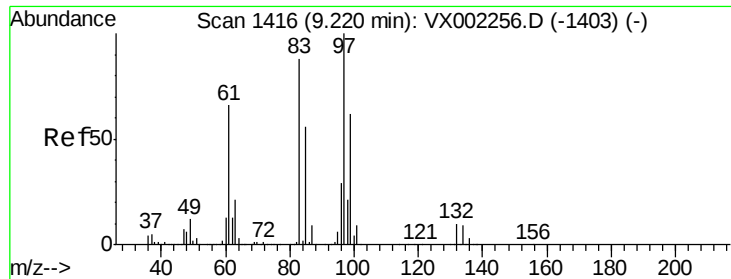
50000

0

9.00 9.10 9.20

Time-->



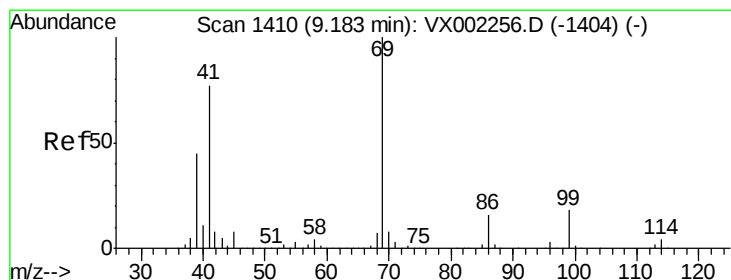
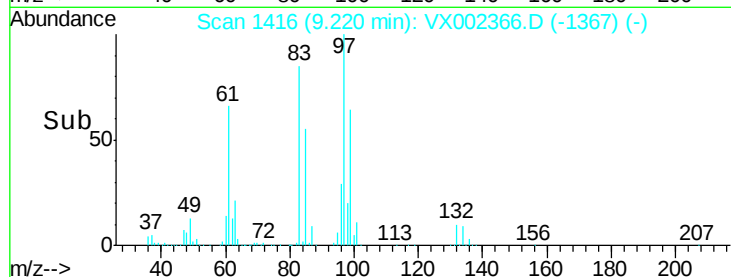
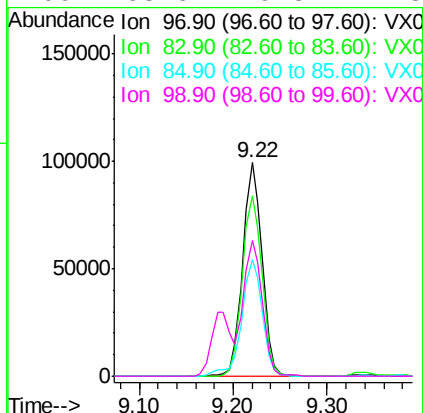
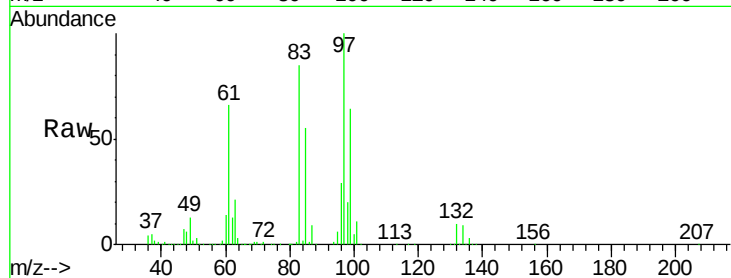


#55
 1,1,2-Trichloroethane
 Concen: 53.25 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002366.D
 Acq: 06 Jun 2018 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 142788

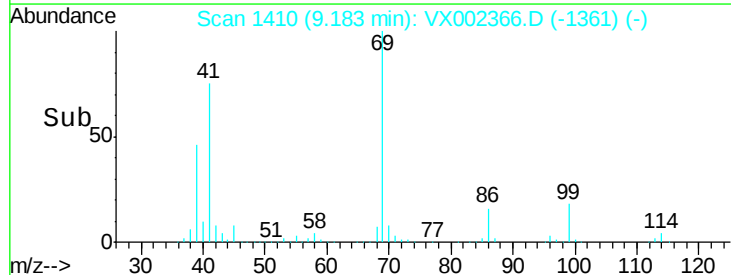
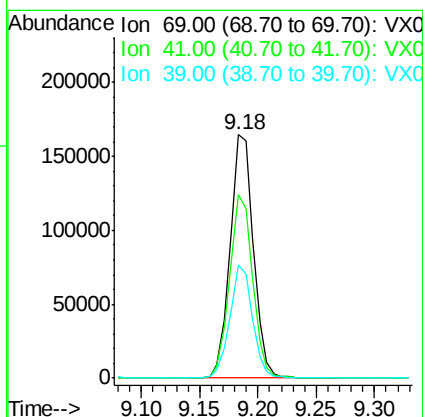
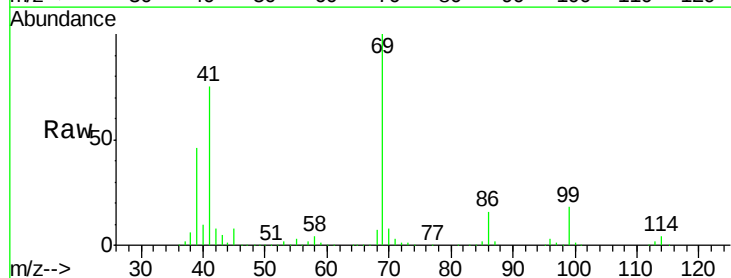
Ion	Ratio	Lower	Upper
97	100		
83	84.5	70.2	105.2
85	54.7	44.9	67.3
99	63.6	49.8	74.8

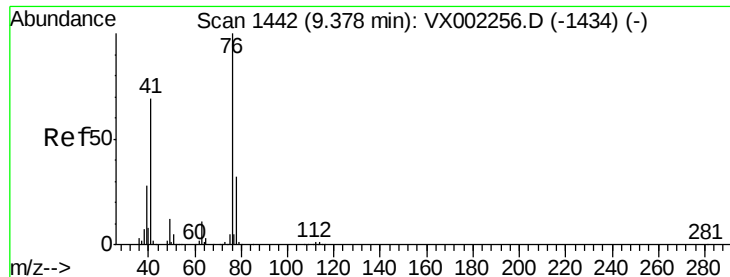


#56
 Ethyl methacrylate
 Concen: 53.96 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002366.D
 Acq: 06 Jun 2018 21:16

Tgt Ion: 69 Resp: 231010

Ion	Ratio	Lower	Upper
69	100		
41	74.2	60.3	90.5
39	45.0	35.8	53.8





#57

1,3-Dichloropropane

Concen: 53.56 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002366.D

Acq: 06 Jun 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

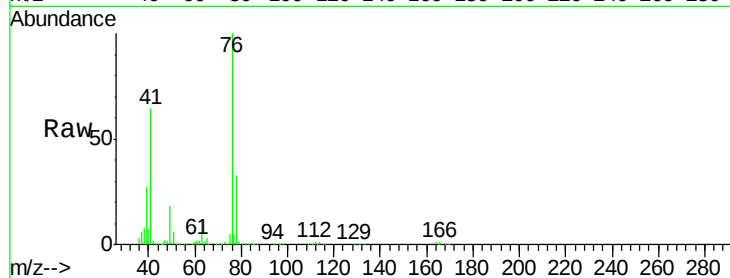
VSTDCCC050EC

Tot Ion: 76 Resp: 240944

Ion Ratio Lower Upper

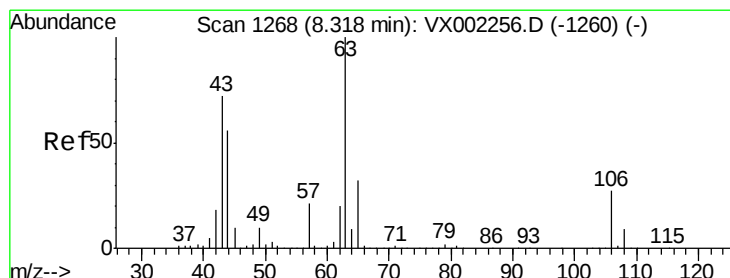
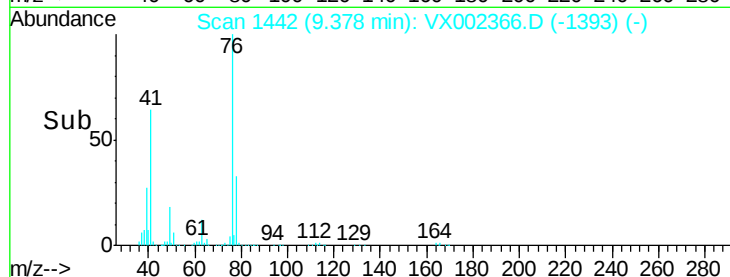
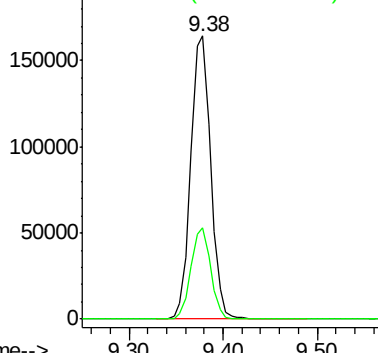
76 100

78 32.0 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 266.20 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002366.D

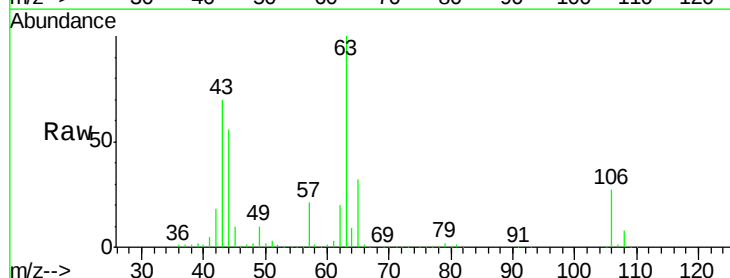
Acq: 06 Jun 2018 21:16

Tgt Ion: 63 Resp: 527466

Ion Ratio Lower Upper

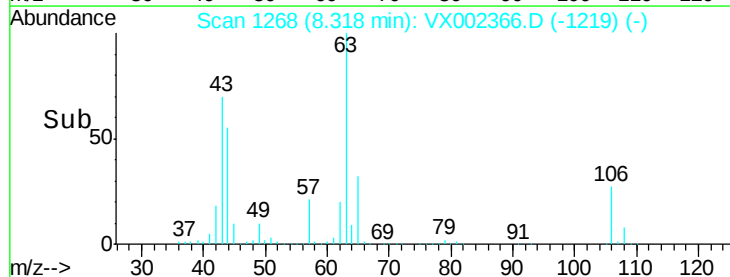
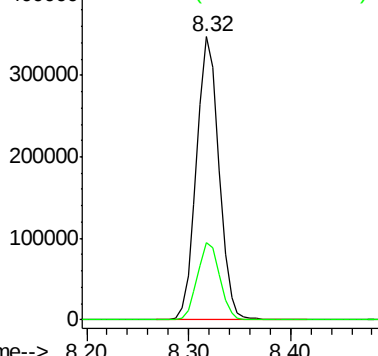
63 100

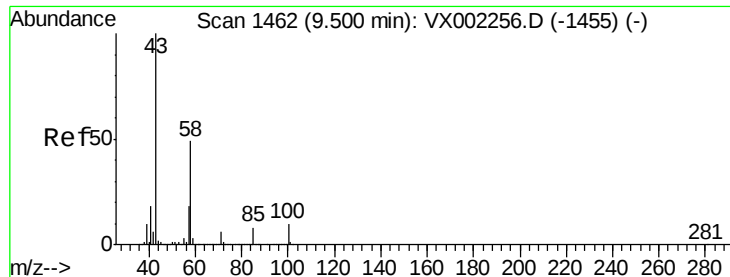
106 27.7 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

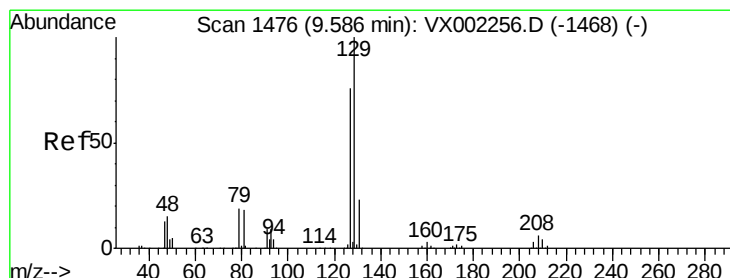
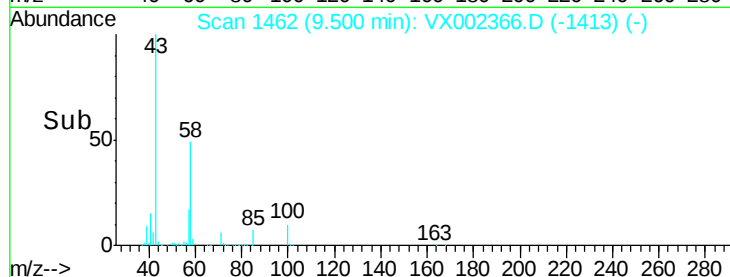
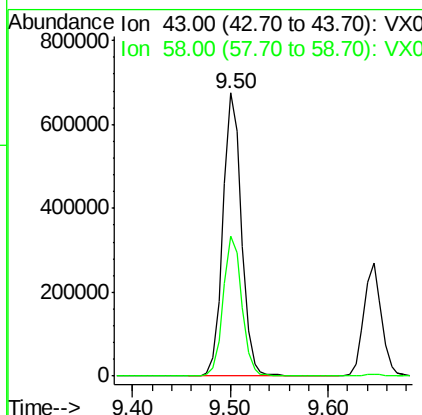
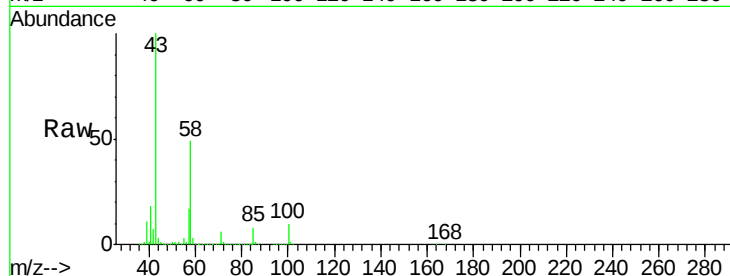




#59
2-Hexanone
Concen: 269.85 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002366.D
Acq: 06 Jun 2018 21:16

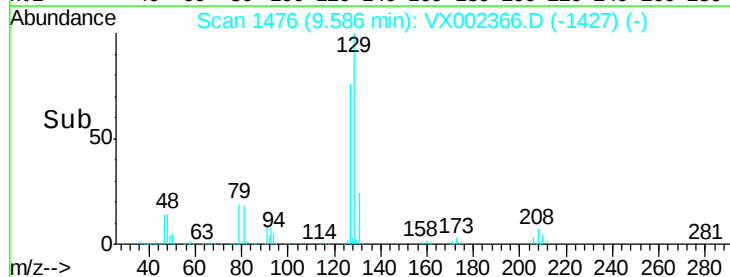
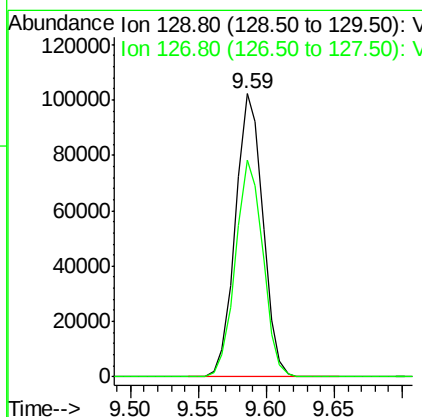
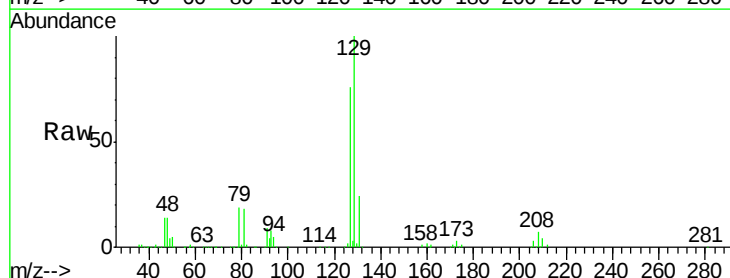
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

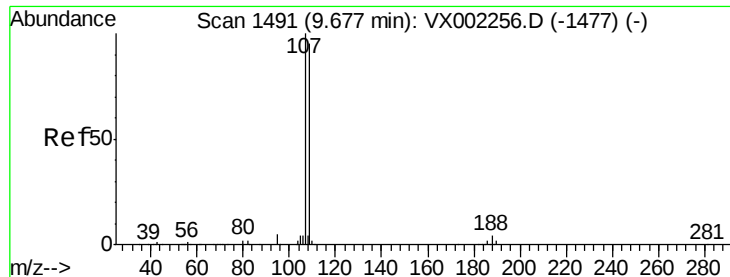
Tot Ion: 43 Resp: 886431
Ion Ratio Lower Upper
43 100
58 49.8 24.6 73.6



#60
Dibromochloromethane
Concen: 53.27 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002366.D
Acq: 06 Jun 2018 21:16

Tgt Ion: 129 Resp: 143671
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.3





#61

1,2-Dibromoethane

Concen: 54.11 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002366.D

Acq: 06 Jun 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

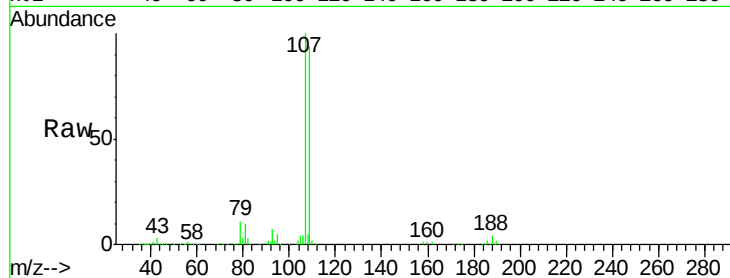
VSTDCCC050EC

Tot Ion:107 Resp: 151282

Ion Ratio Lower Upper

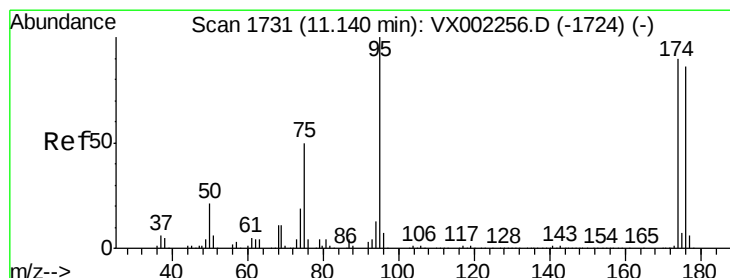
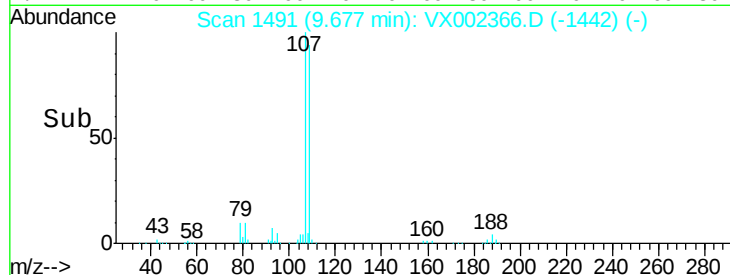
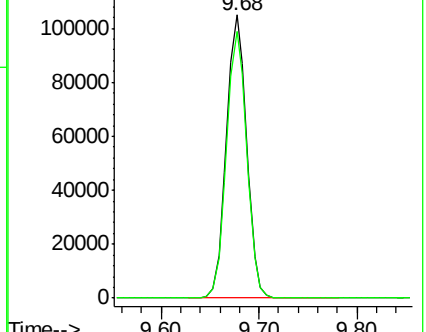
107 100

109 94.9 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: 47.60 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002366.D

Acq: 06 Jun 2018 21:16

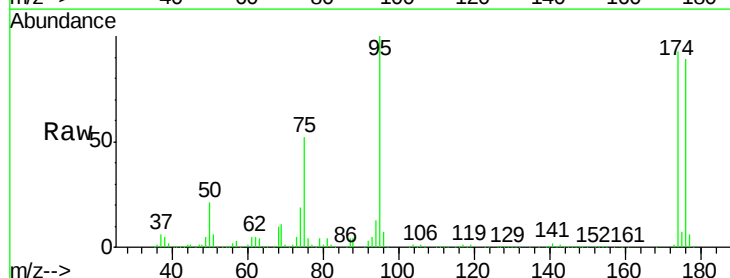
Tgt Ion: 95 Resp: 175946

Ion Ratio Lower Upper

95 100

174 95.3 0.0 187.4

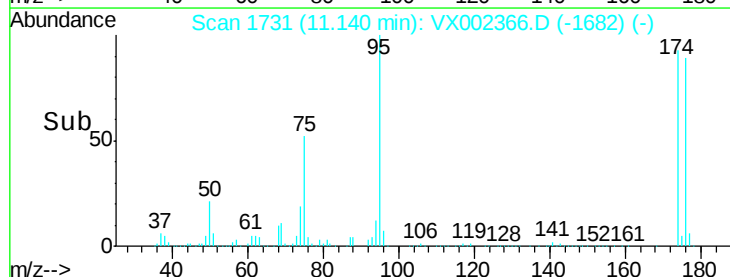
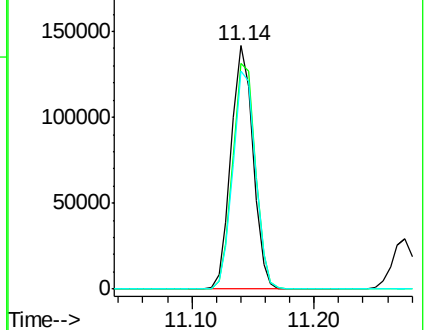
176 91.9 0.0 181.0

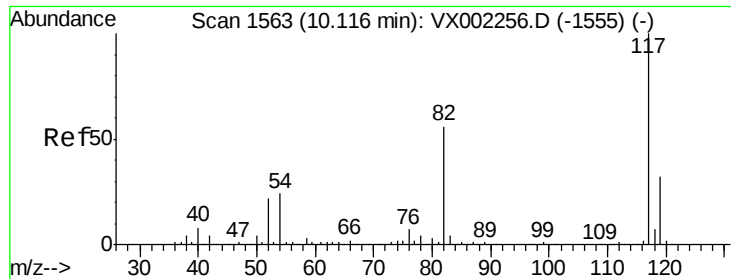


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

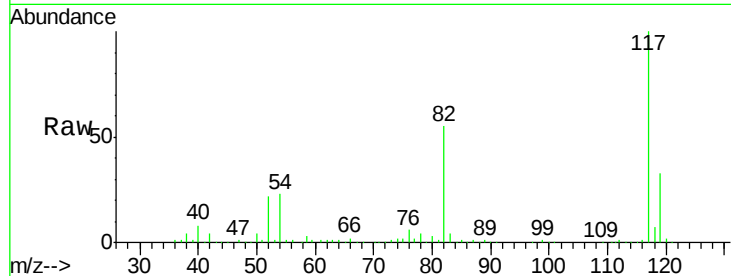




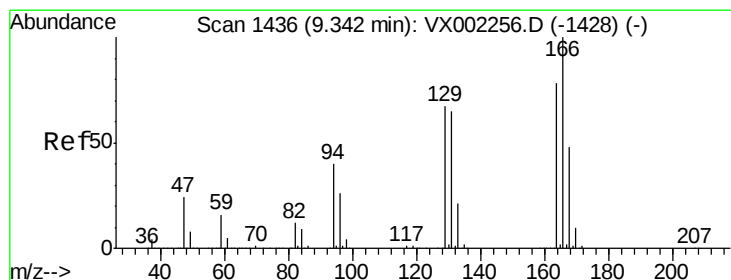
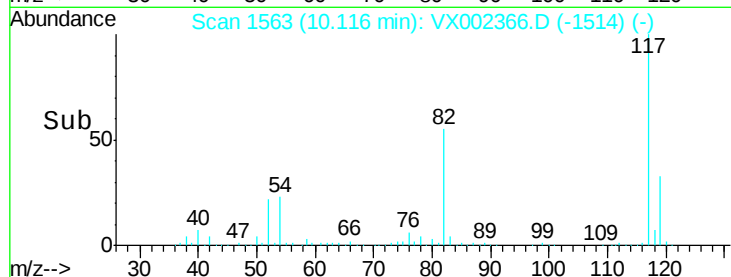
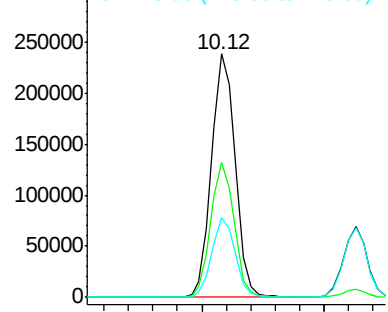
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002366.D
Acq: 06 Jun 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 320013
Ion Ratio Lower Upper
117 100
82 55.2 45.0 67.4
119 32.8 25.8 38.6

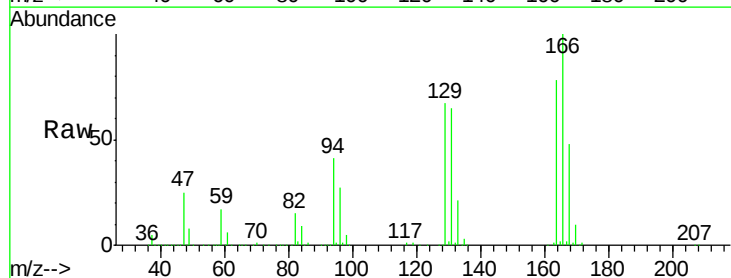


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

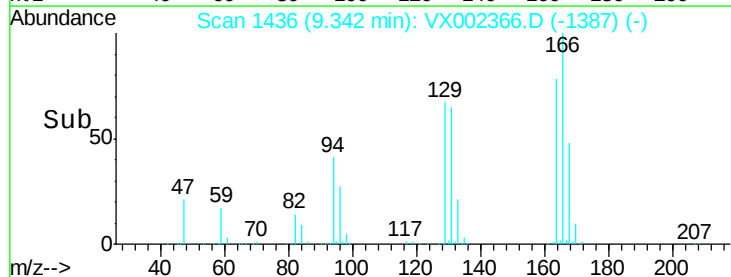
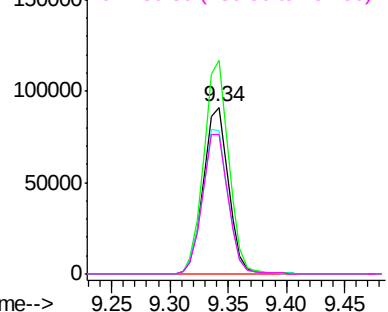


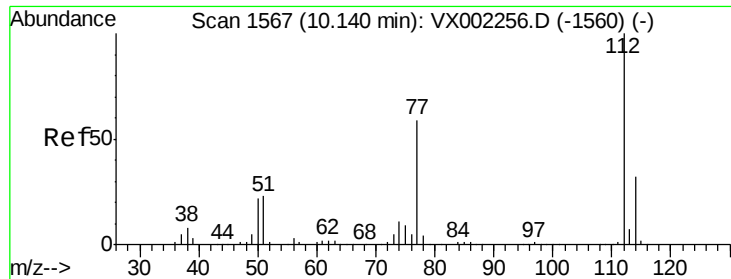
#64
Tetrachloroethene
Concen: 41.59 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002366.D
Acq: 06 Jun 2018 21:16

Tgt Ion:164 Resp: 137273
Ion Ratio Lower Upper
164 100
166 128.0 102.9 154.3
129 85.9 68.6 102.8
131 83.7 66.8 100.2



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

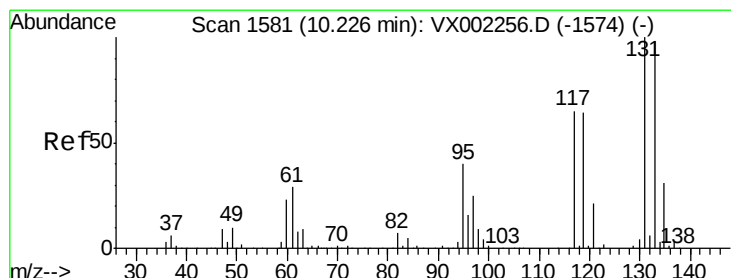
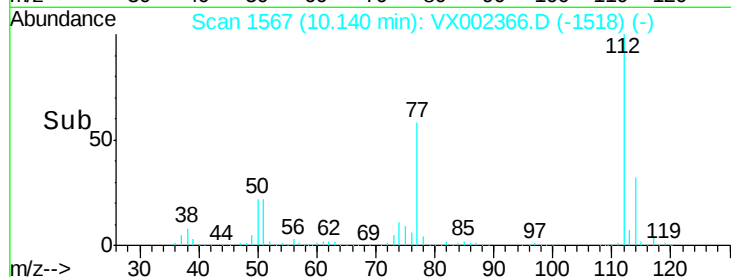
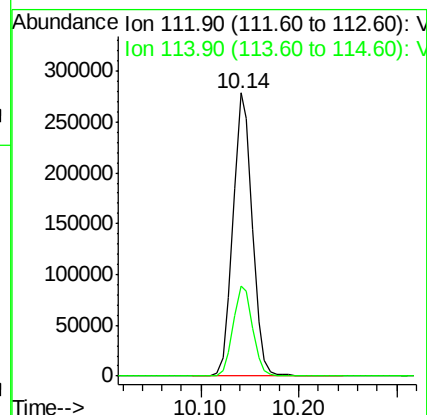
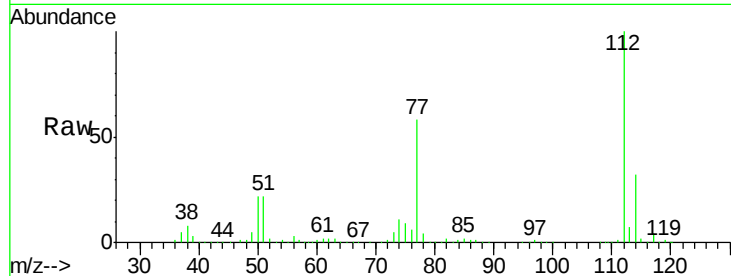




#65
Chlorobenzene
Concen: 47.88 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002366.D
Acq: 06 Jun 2018 21:16

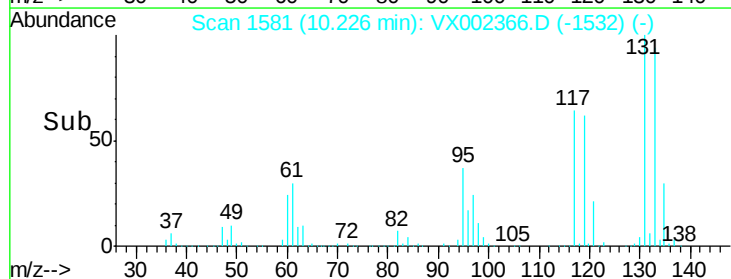
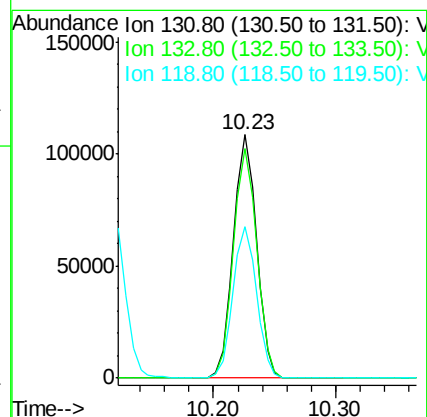
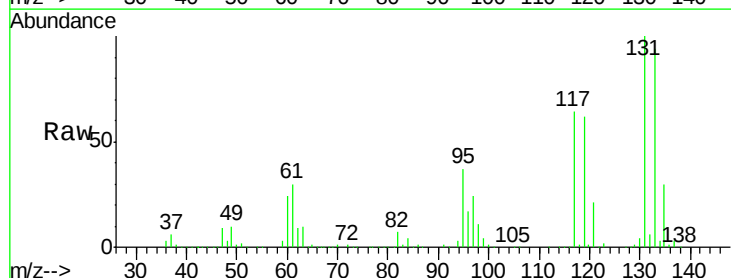
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

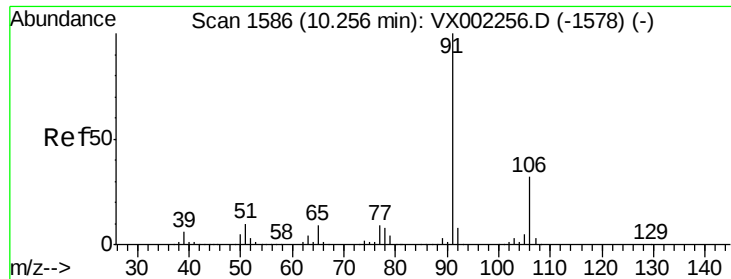
Tot Ion:112 Resp: 381247
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.36 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002366.D
Acq: 06 Jun 2018 21:16

Tgt Ion:131 Resp: 142311
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.6
119 63.4 31.8 95.3

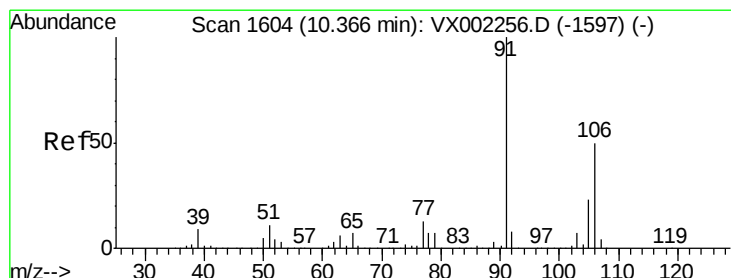
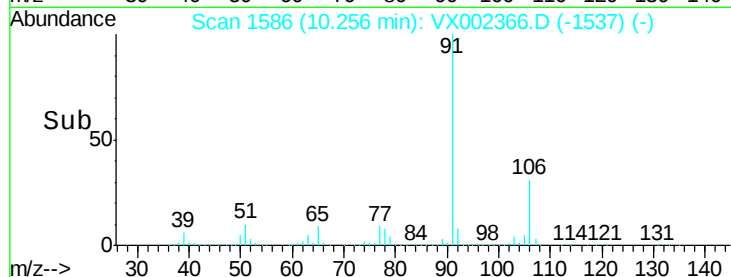
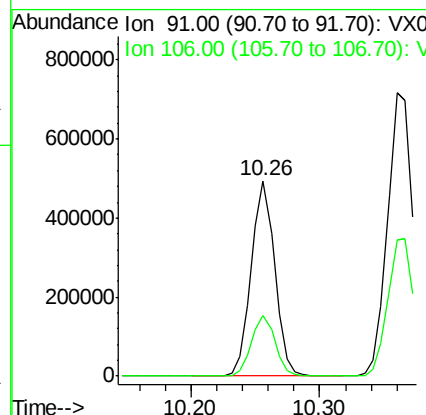
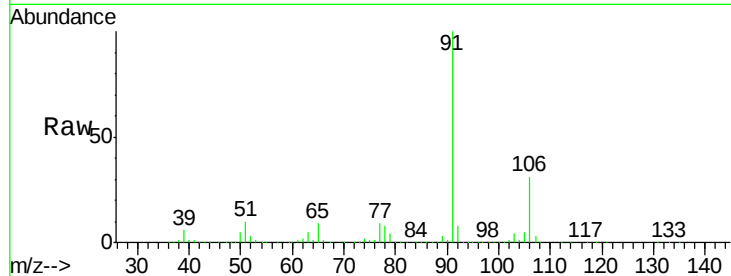




#67
Ethyl Benzene
Concen: 46.43 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002366.D
Acq: 06 Jun 2018 21:16

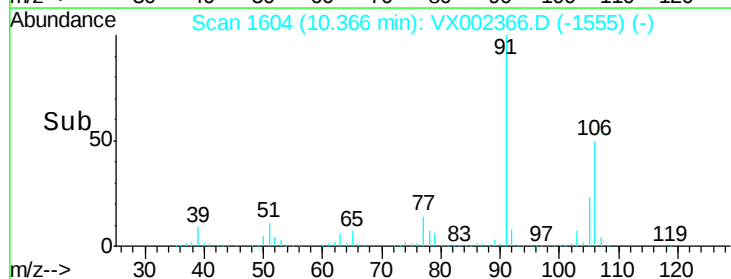
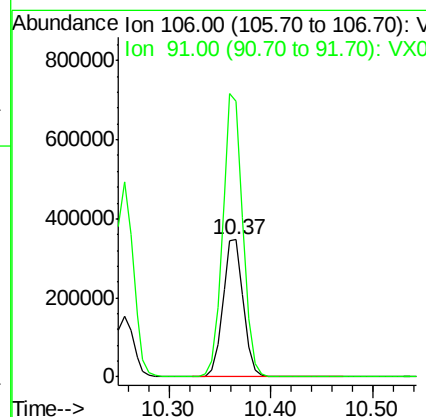
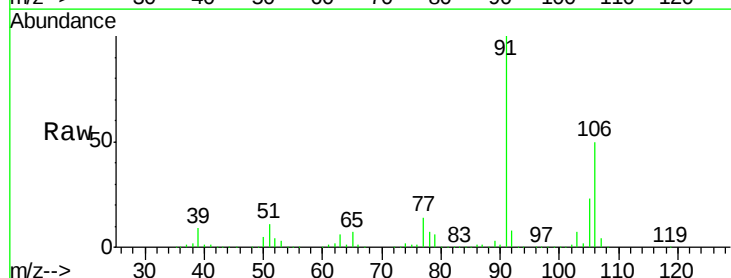
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

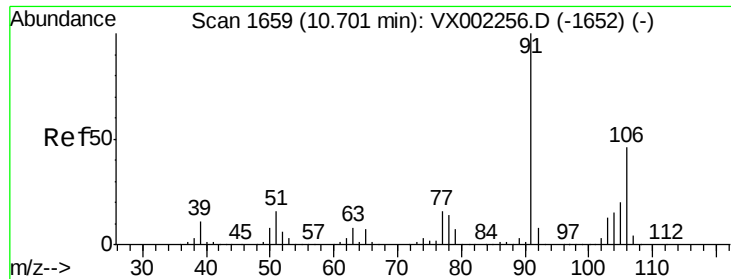
Tot Ion: 91 Resp: 618718
Ion Ratio Lower Upper
91 100
106 31.0 25.5 38.3



#68
m/p-Xylenes
Concen: 93.71 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002366.D
Acq: 06 Jun 2018 21:16

Tgt Ion: 106 Resp: 485434
Ion Ratio Lower Upper
106 100
91 203.2 163.4 245.2

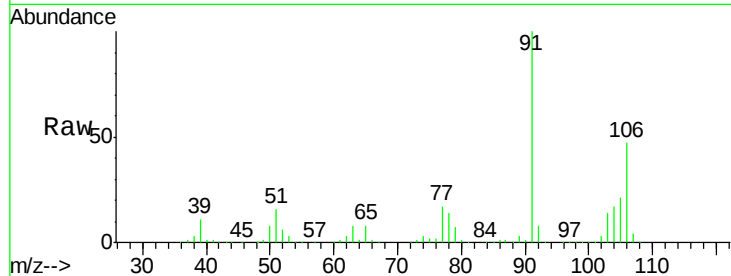




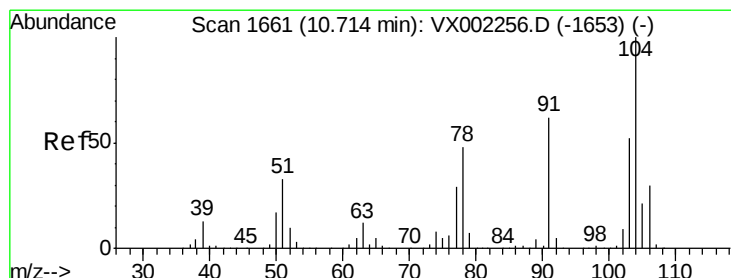
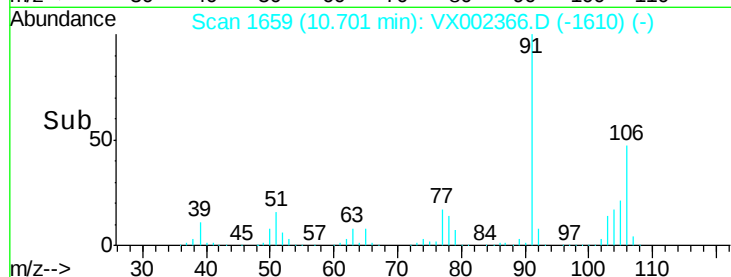
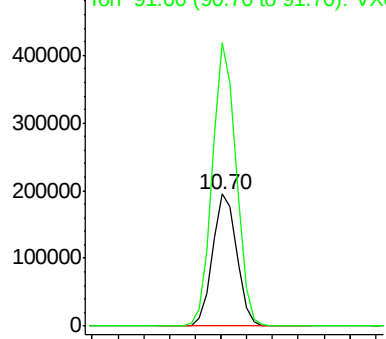
#69
o-Xylene
Concen: 48.93 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002366.D
Acq: 06 Jun 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 252235
Ion Ratio Lower Upper
106 100
91 211.7 108.2 324.6

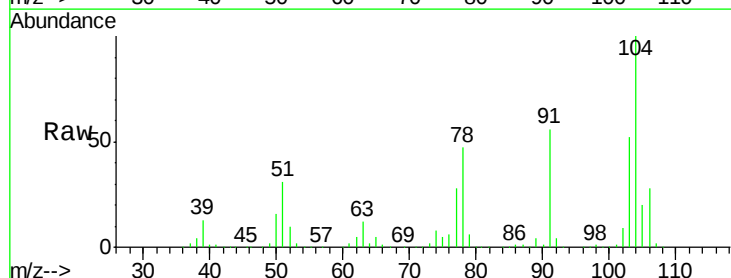


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

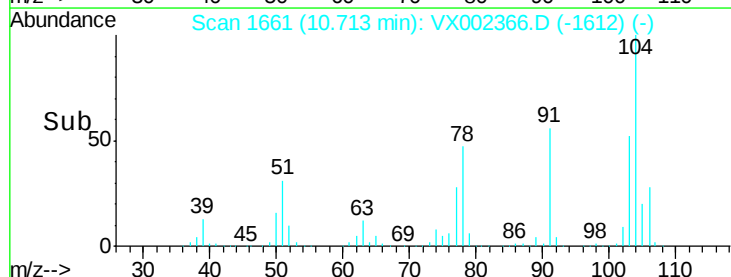
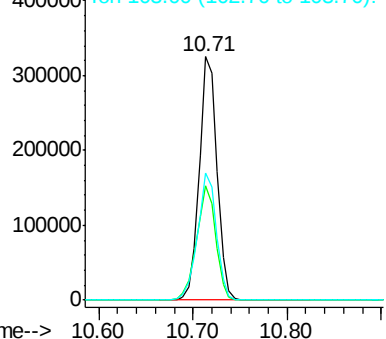


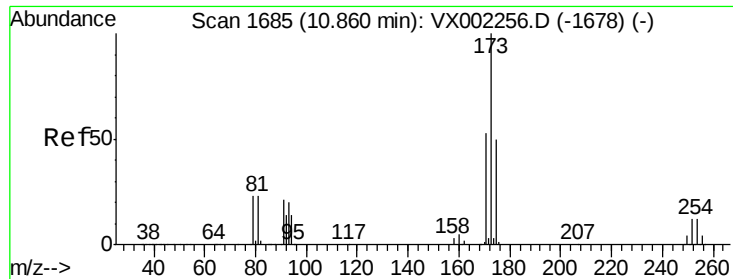
#70
Styrene
Concen: 50.43 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002366.D
Acq: 06 Jun 2018 21:16

Tgt Ion:104 Resp: 424992
Ion Ratio Lower Upper
104 100
78 50.9 41.0 61.6
103 55.7 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 43.13 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002366.D

Acq: 06 Jun 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

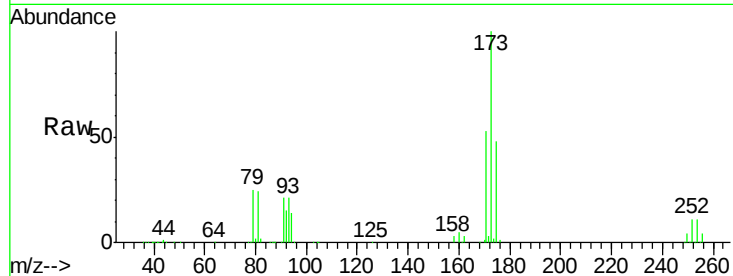
Tot Ion:173 Resp: 110047

Ion Ratio Lower Upper

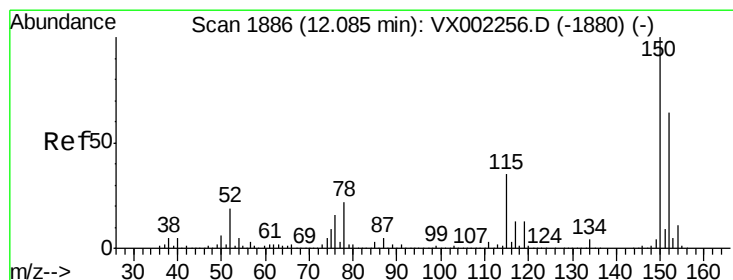
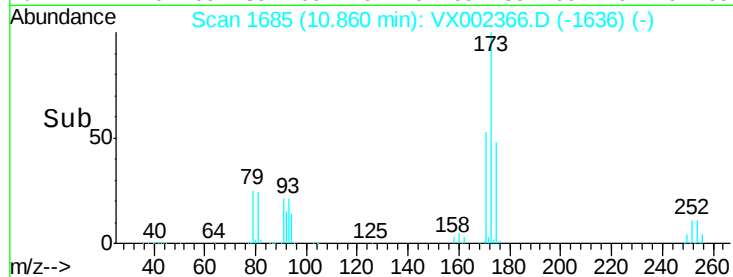
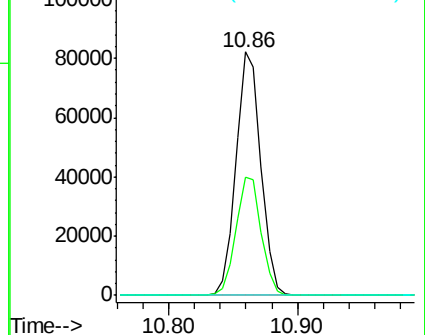
173 100

175 49.4 24.7 74.1

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002366.D

Acq: 06 Jun 2018 21:16

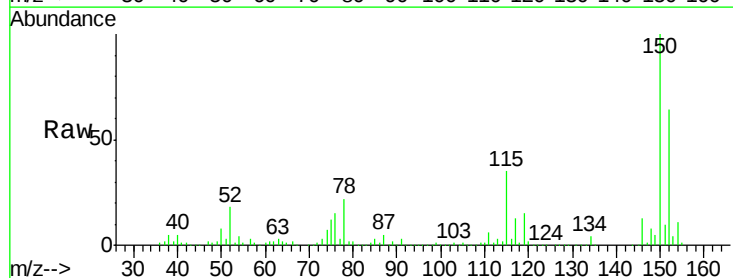
Tgt Ion:152 Resp: 198274

Ion Ratio Lower Upper

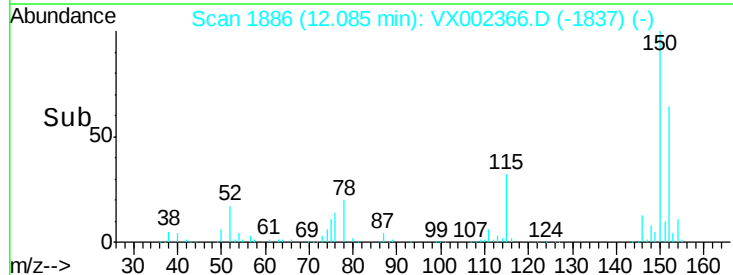
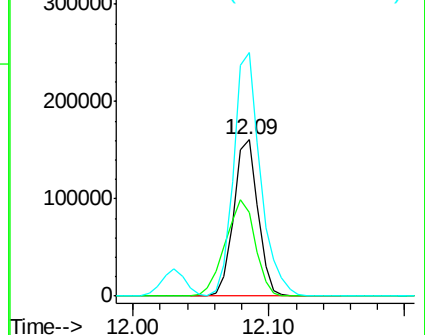
152 100

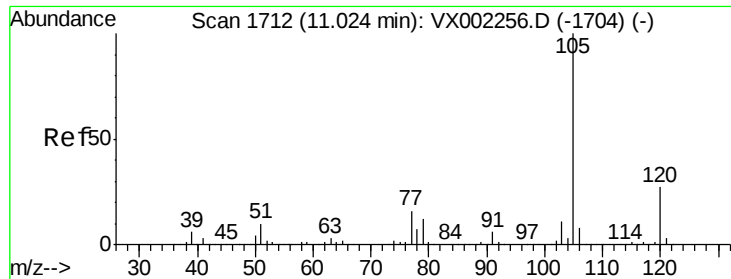
115 76.4 40.1 120.2

150 172.7 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 44.58 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002366.D

Acq: 06 Jun 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

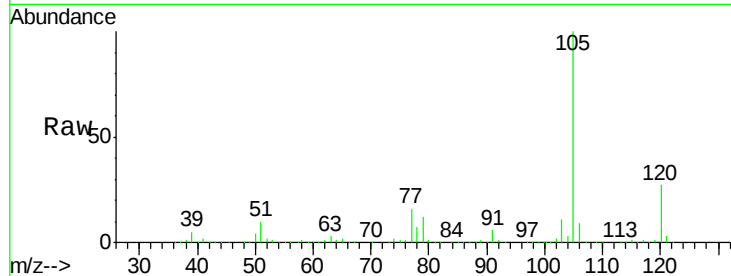
VSTDCCC050EC

Tot Ion:105 Resp: 614951

Ion Ratio Lower Upper

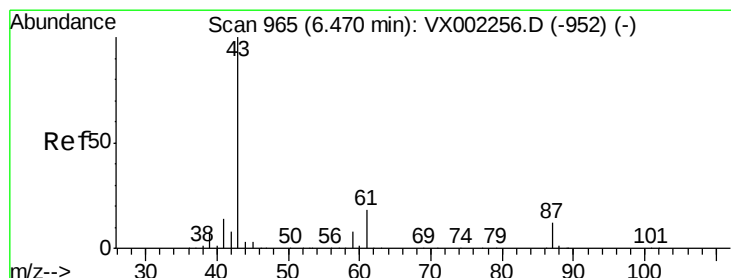
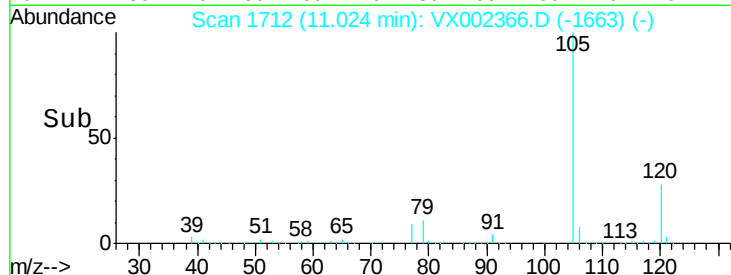
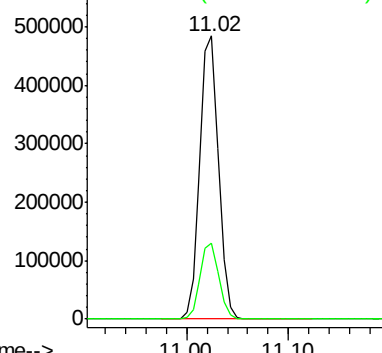
105 100

120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.88 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002366.D

Acq: 06 Jun 2018 21:16

Tgt Ion: 43 Resp: 355832

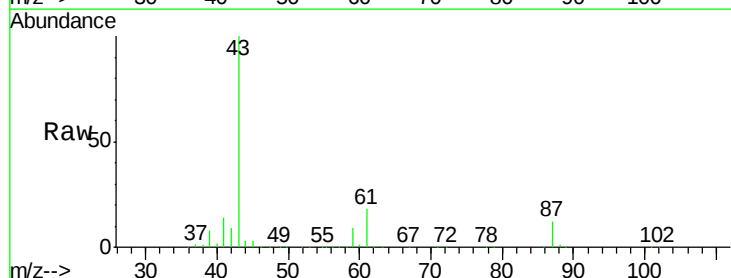
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

61 18.0 14.4 21.6

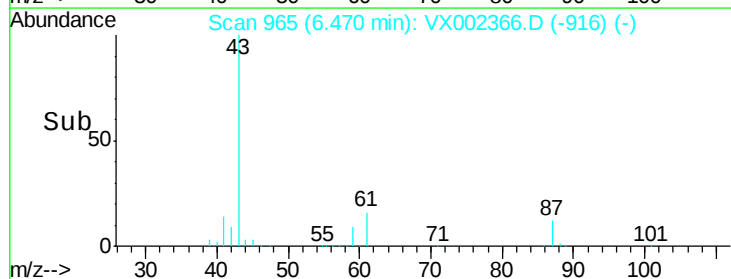
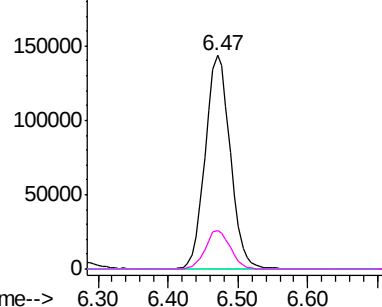


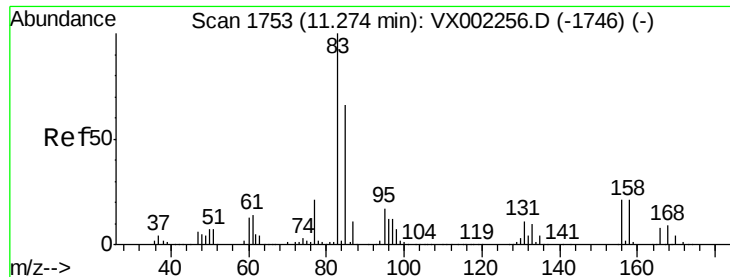
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.68 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002366.D

Acq: 06 Jun 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

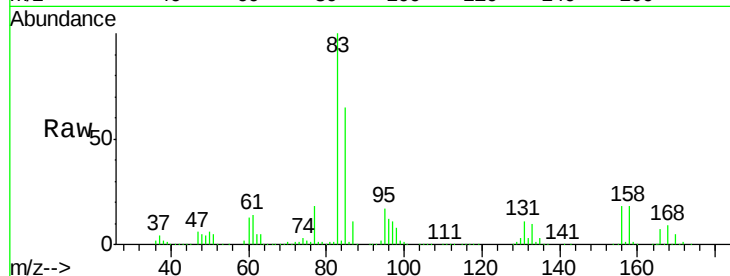
Tot Ion: 83 Resp: 219870

Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.6	16.8
85	64.0	32.4	97.2

83 100

131 10.9 5.6 16.8

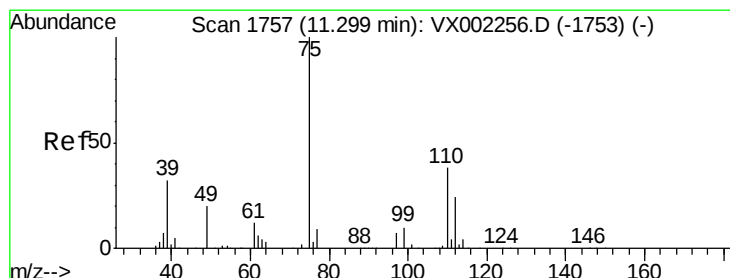
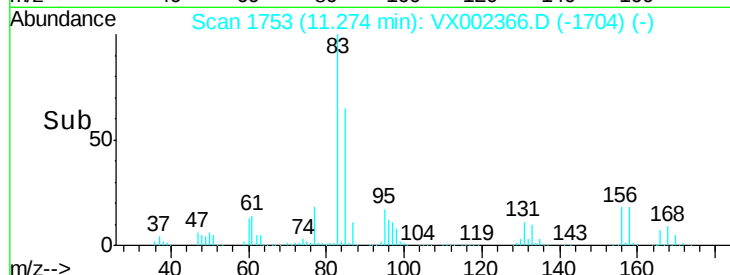
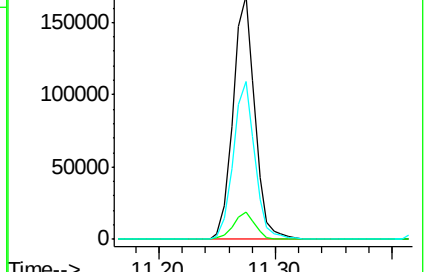
85 64.0 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 56.92 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002366.D

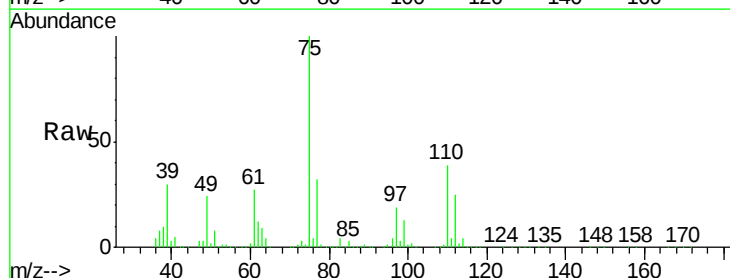
Acq: 06 Jun 2018 21:16

Tgt Ion: 75 Resp: 247627

Ion	Ratio	Lower	Upper
75	100		
77	32.0	22.8	68.3

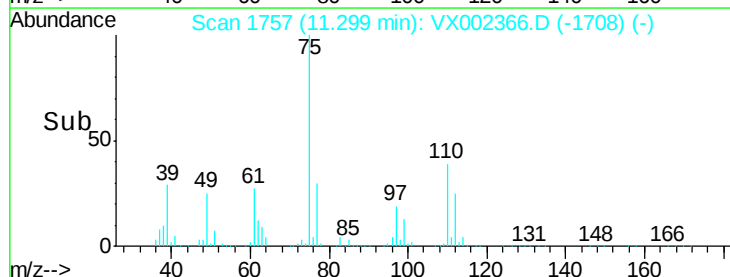
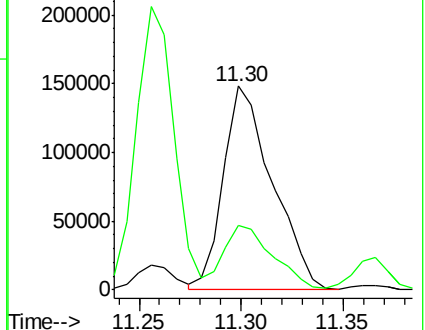
75 100

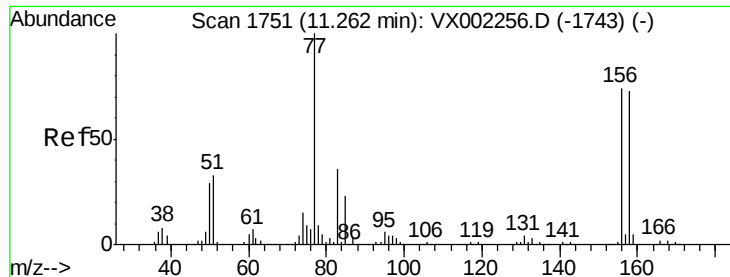
77 32.0 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.53 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002366.D

Acq: 06 Jun 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

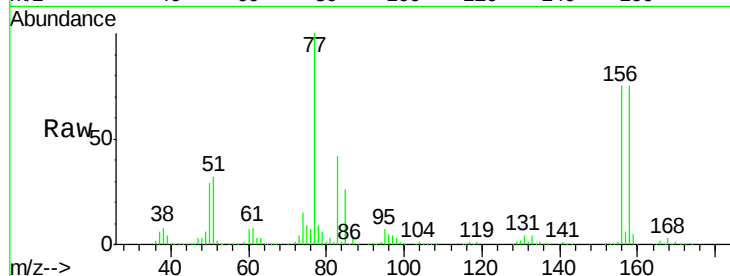
Tot Ion:156 Resp: 187917

Ion Ratio Lower Upper

156 100

77 141.2 71.4 214.2

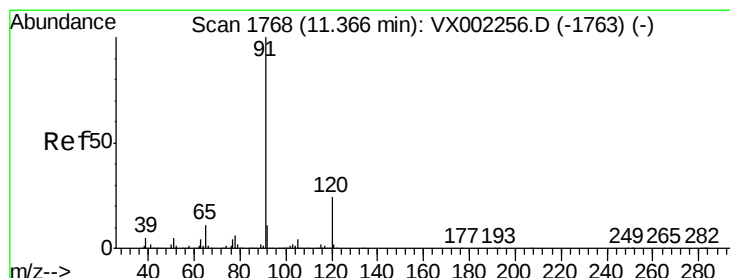
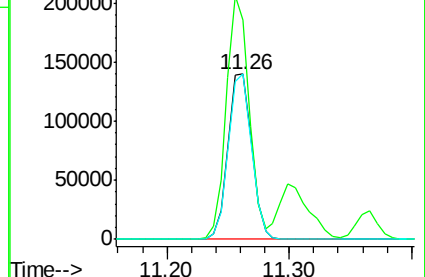
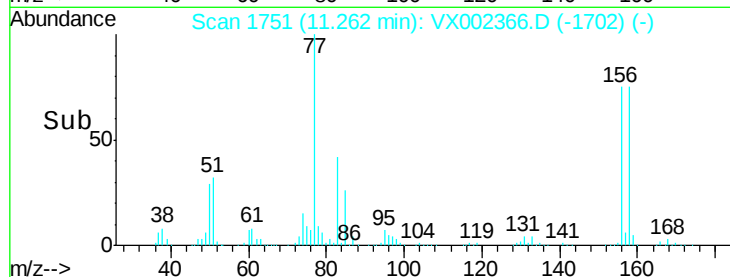
158 97.8 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 44.34 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002366.D

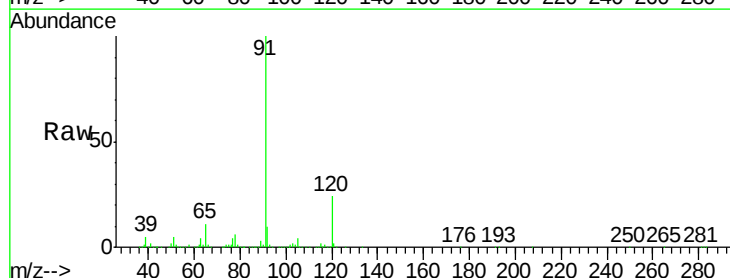
Acq: 06 Jun 2018 21:16

Tgt Ion: 91 Resp: 679738

Ion Ratio Lower Upper

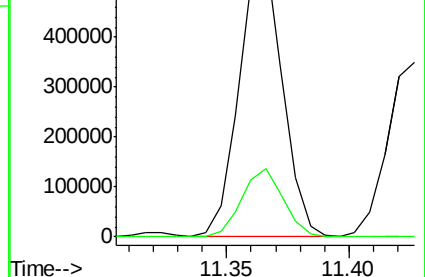
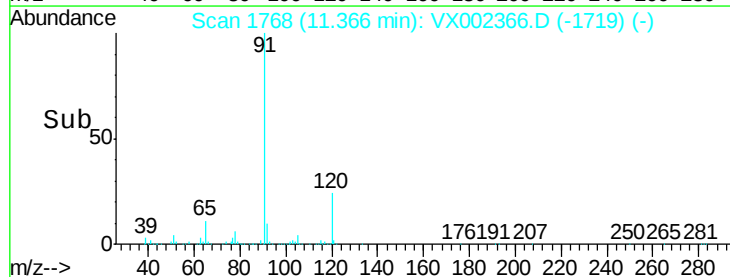
91 100

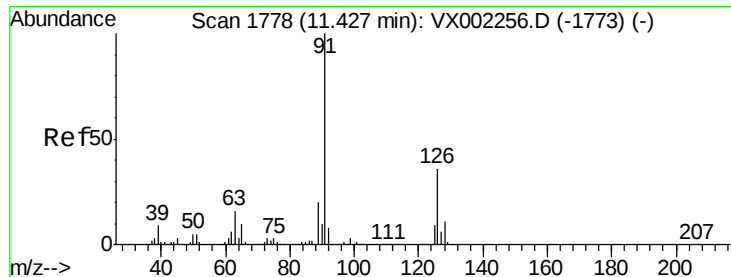
120 23.8 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.24 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002366.D

Acq: 06 Jun 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

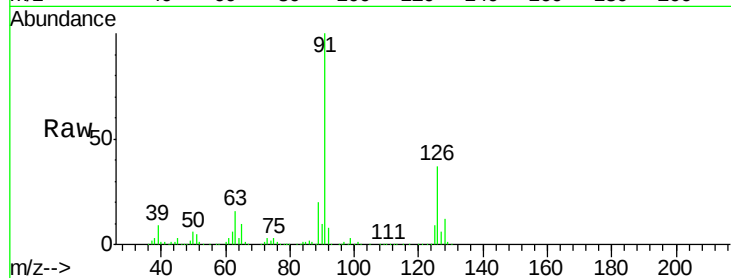
VSTDCCC050EC

Tot Ion: 91 Resp: 447569

Ion Ratio Lower Upper

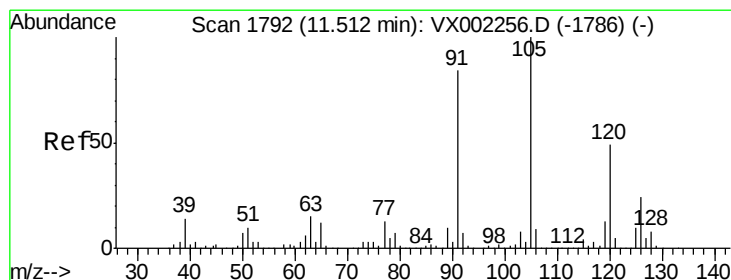
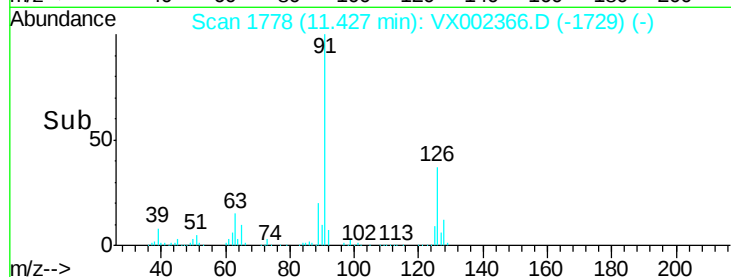
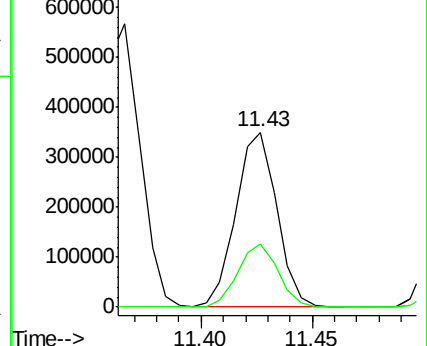
91 100

126 35.7 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: 45.63 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002366.D

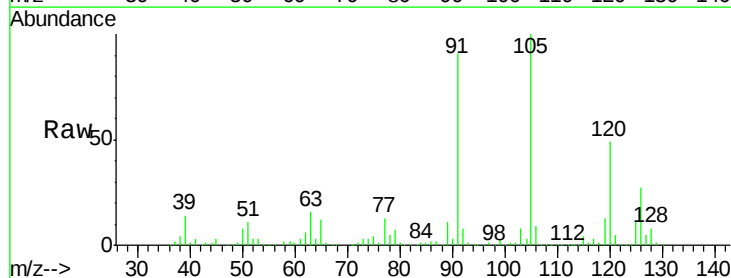
Acq: 06 Jun 2018 21:16

Tgt Ion: 105 Resp: 539790

Ion Ratio Lower Upper

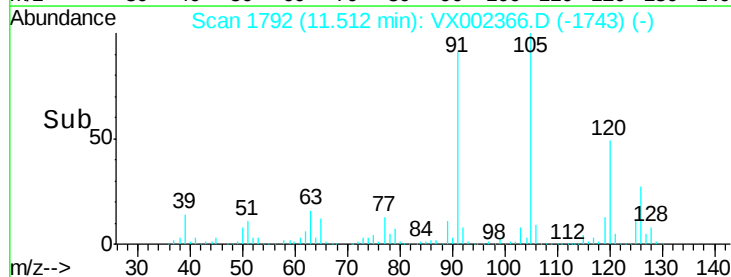
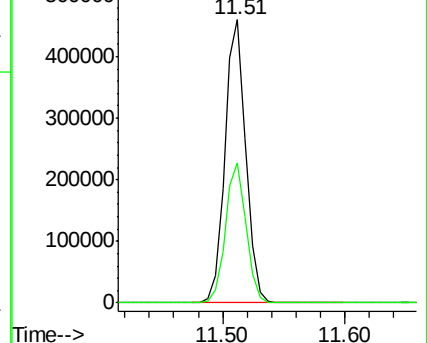
105 100

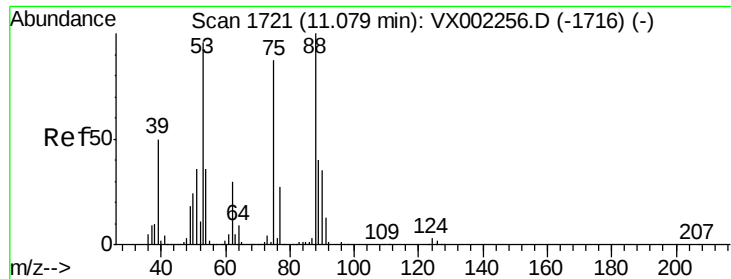
120 49.0 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

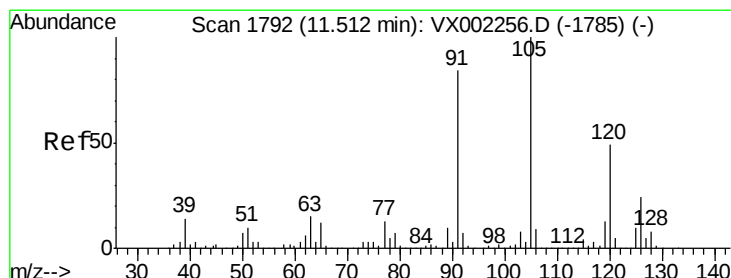
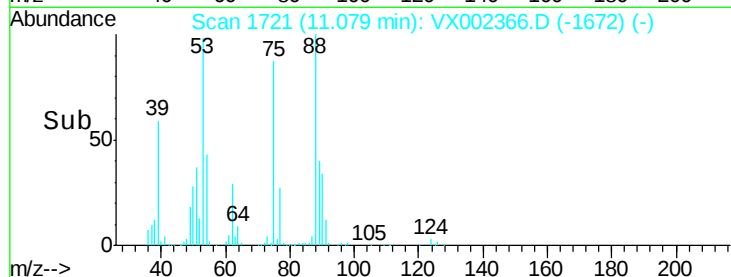
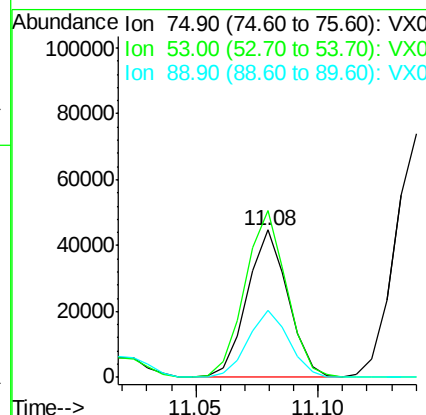
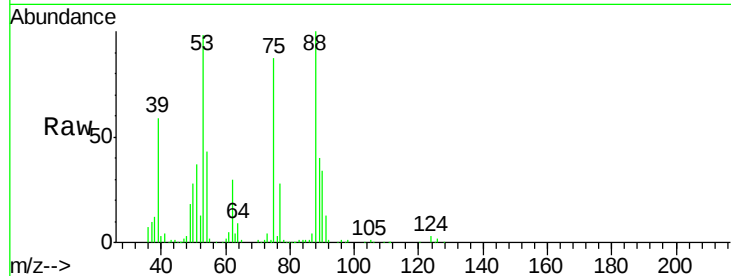




#81
trans-1,4-Dichloro-2-butene
Concen: 41.86 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002366.D
Acq: 06 Jun 2018 21:16

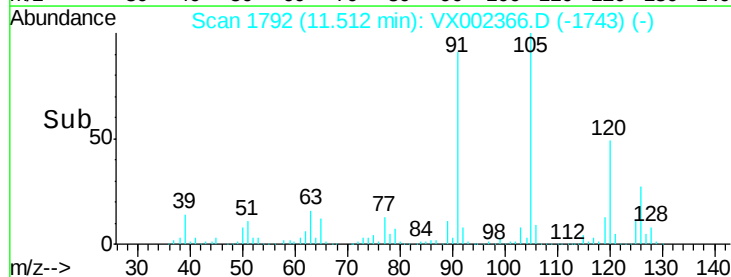
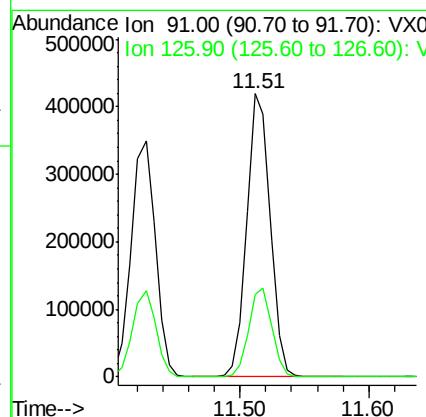
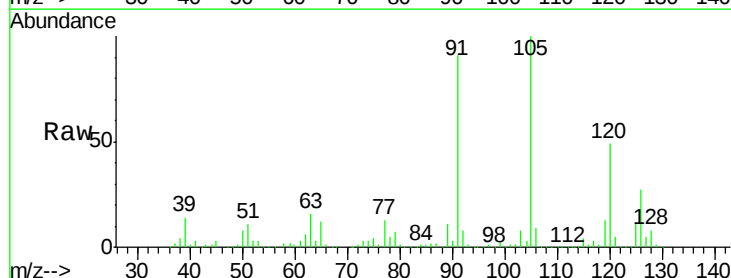
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

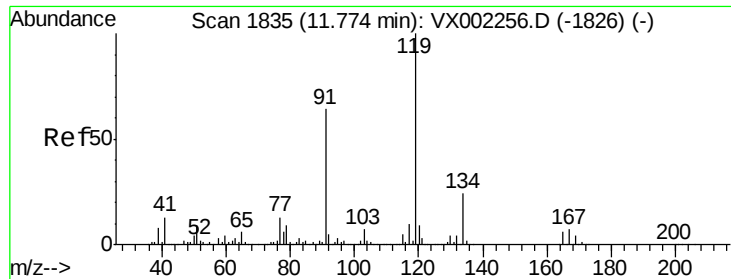
Tot Ion: 75 Resp: 51956
Ion Ratio Lower Upper
75 100
53 114.9 86.8 130.2
89 46.0 38.2 57.2



#82
4-Chlorotoluene
Concen: 46.79 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002366.D
Acq: 06 Jun 2018 21:16

Tgt Ion: 91 Resp: 522789
Ion Ratio Lower Upper
91 100
126 31.0 15.4 46.4

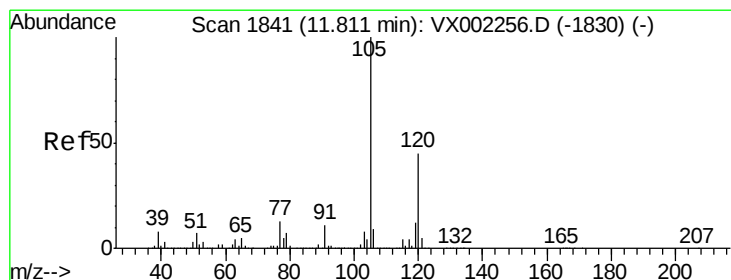
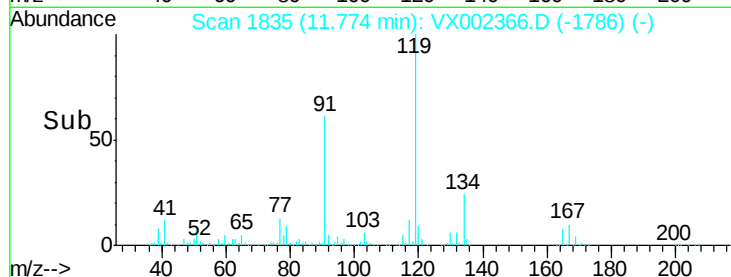
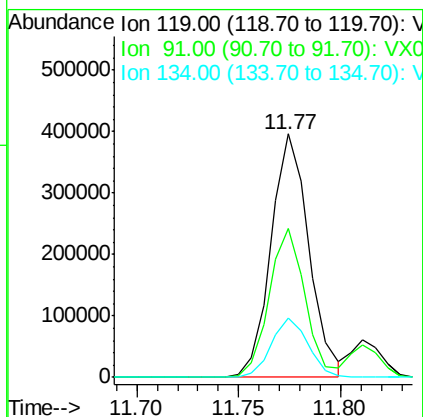
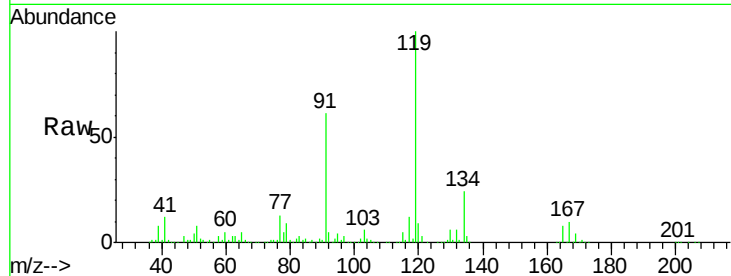




#83
 tert-Butylbenzene
 Concen: 44.52 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002366.D
 Acq: 06 Jun 2018 21:16

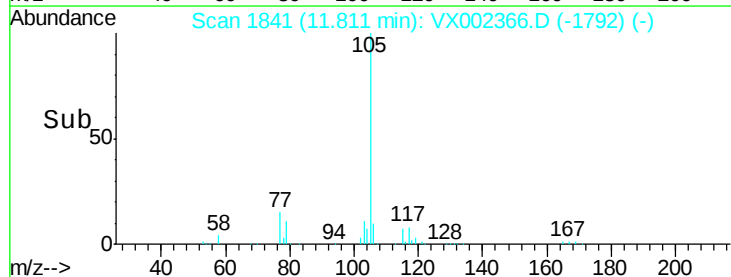
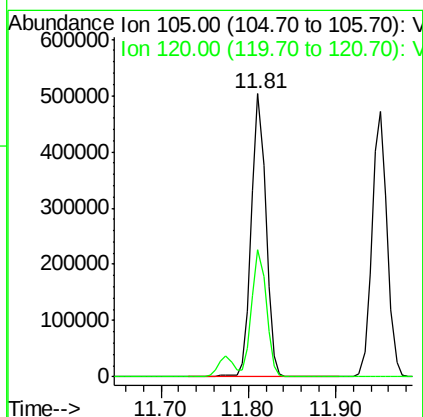
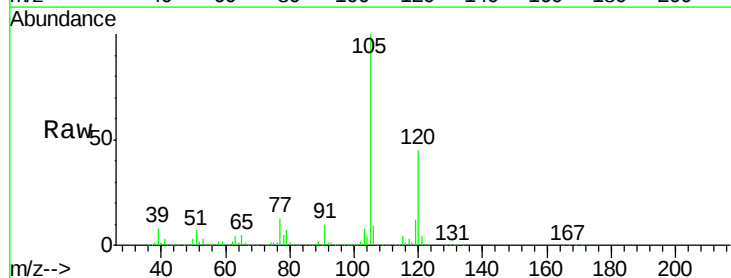
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

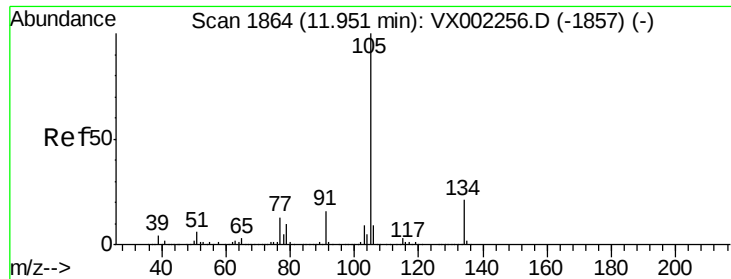
Tot Ion:119 Resp: 512927
 Ion Ratio Lower Upper
 119 100
 91 58.5 30.3 90.9
 134 23.7 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 47.11 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002366.D
 Acq: 06 Jun 2018 21:16

Tgt Ion:105 Resp: 573711
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.3 66.8

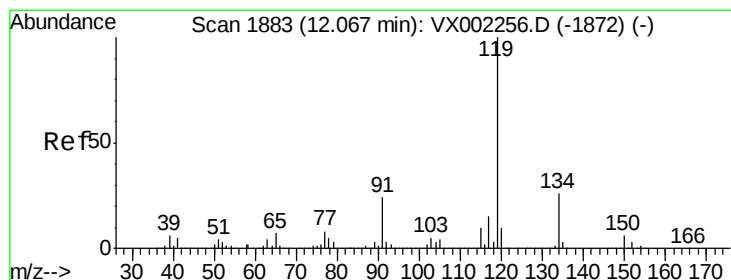
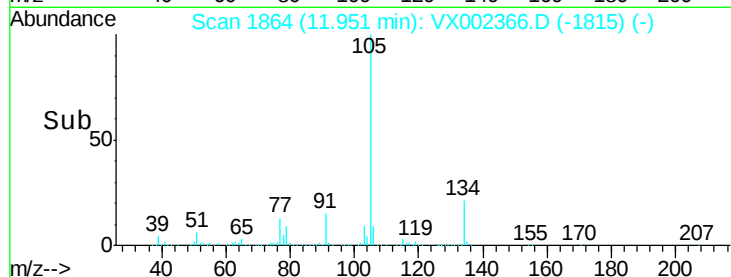
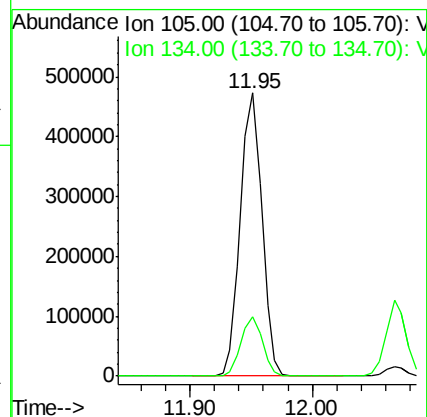
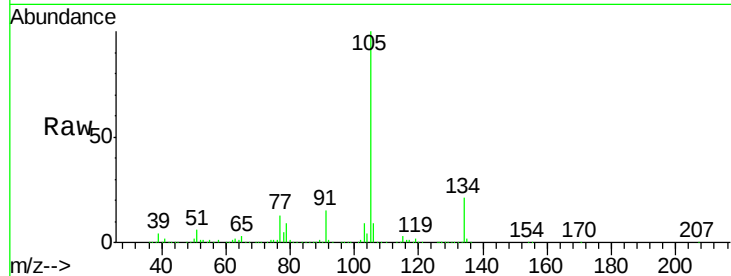




#85
 sec-Butylbenzene
 Concen: 42.76 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002366.D
 Acq: 06 Jun 2018 21:16

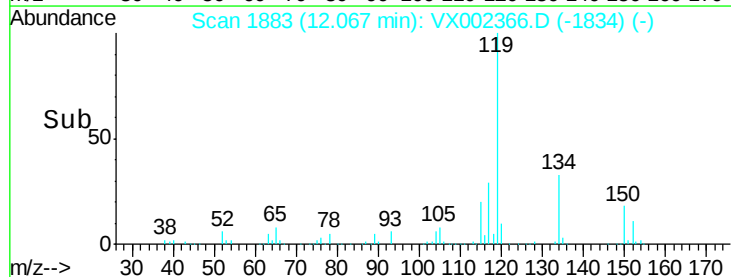
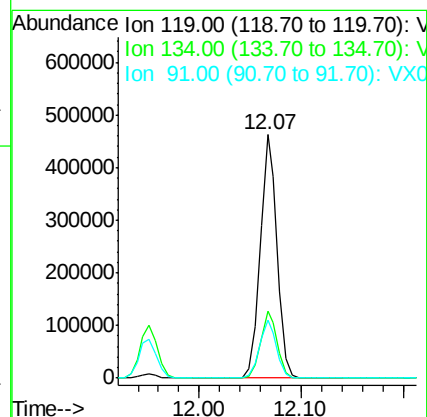
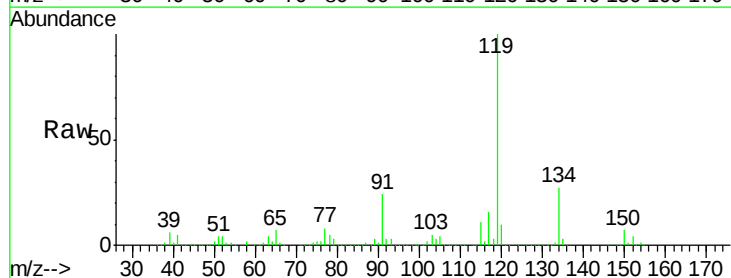
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

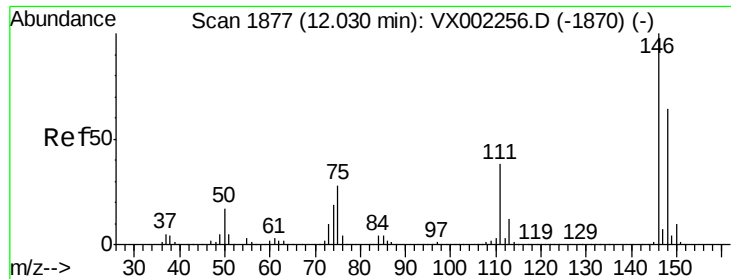
Tot Ion:105 Resp: 577525
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 43.63 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002366.D
 Acq: 06 Jun 2018 21:16

Tgt Ion:119 Resp: 536673
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.4 40.1
 91 23.7 11.9 35.7

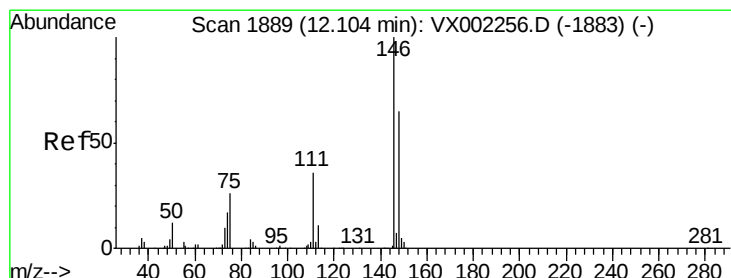
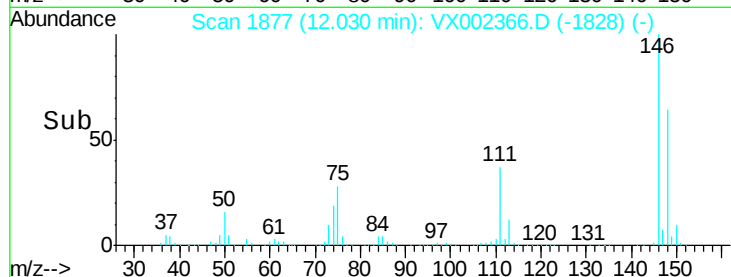
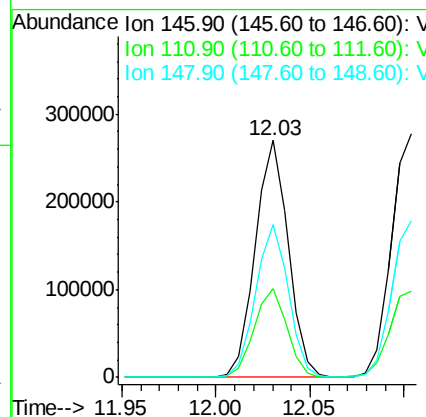
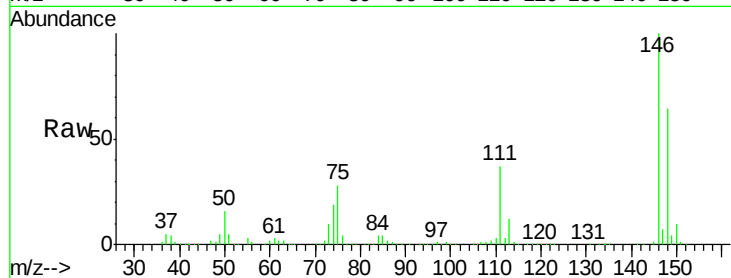




#87
 1,3-Dichlorobenzene
 Concen: 47.31 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002366.D
 Acq: 06 Jun 2018 21:16

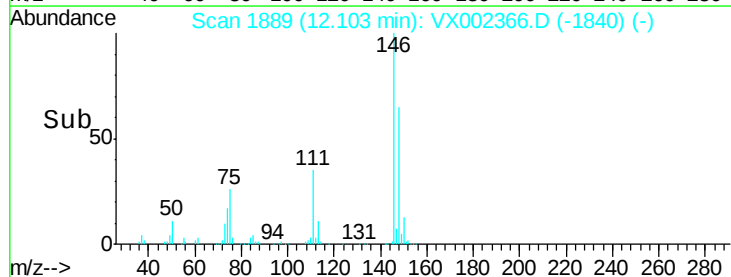
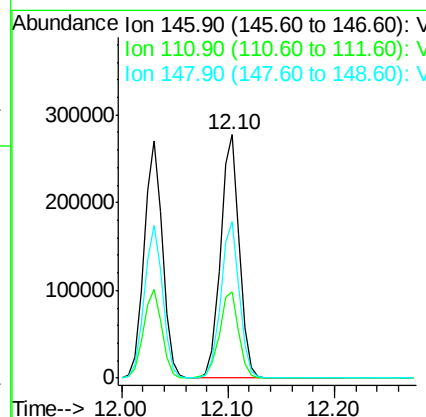
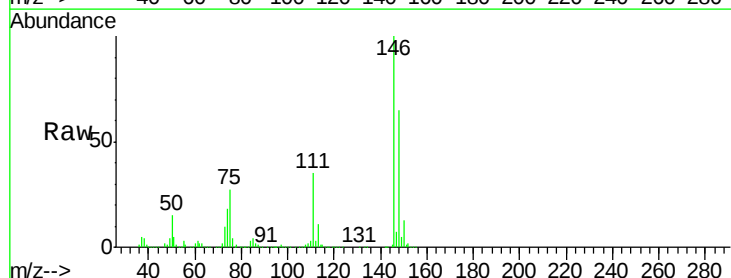
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

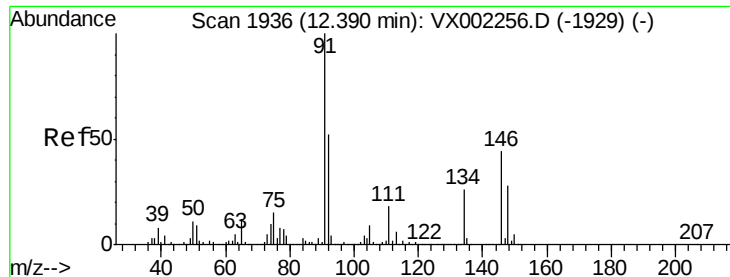
Tot Ion:146 Resp: 327537
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.9 56.7
 148 64.4 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 46.98 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002366.D
 Acq: 06 Jun 2018 21:16

Tgt Ion:146 Resp: 335245
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.7 56.1
 148 64.3 32.4 97.0





#89

n-Butylbenzene

Concen: 41.50 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002366.D

Acq: 06 Jun 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

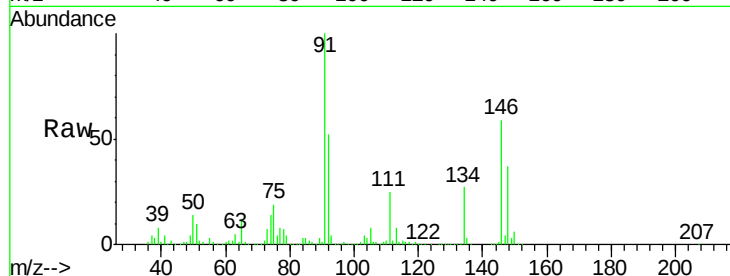
Tot Ion: 91 Resp: 428196

Ion Ratio Lower Upper

91 100

92 51.2 26.0 78.0

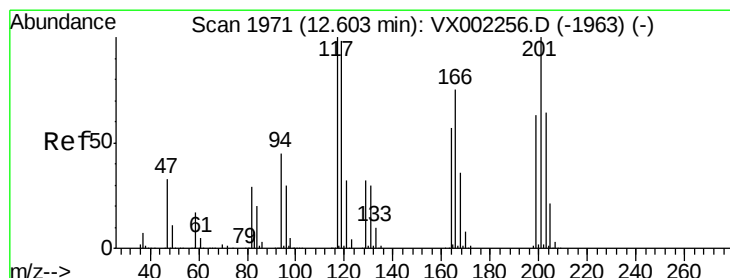
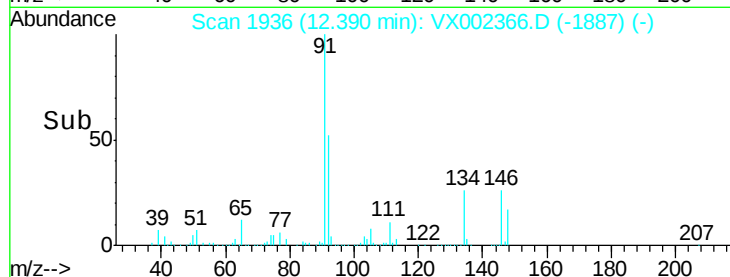
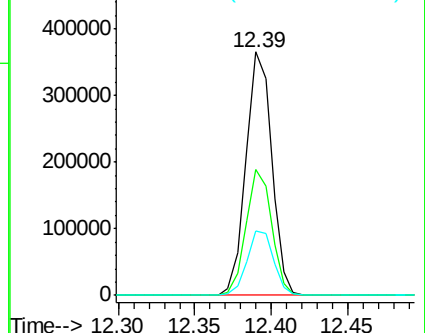
134 27.1 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX002256.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX002256.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX002256.D (-1929) (-)



#90

Hexachloroethane

Concen: 40.46 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002366.D

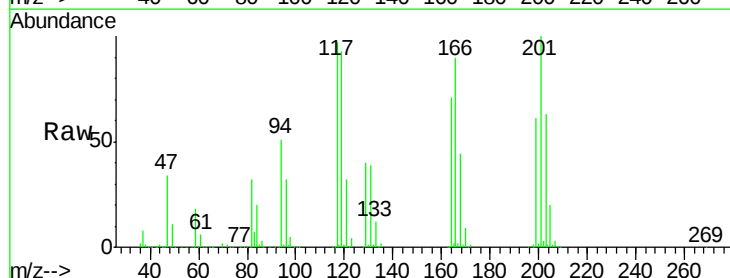
Acq: 06 Jun 2018 21:16

Tgt Ion: 117 Resp: 79444

Ion Ratio Lower Upper

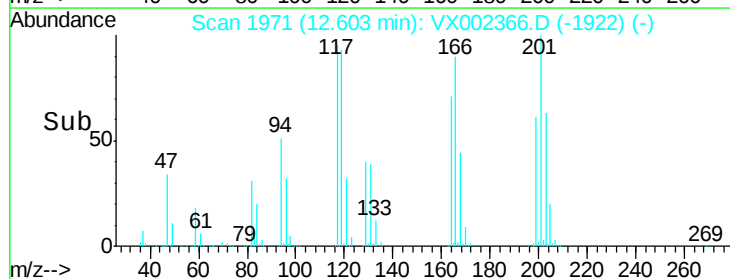
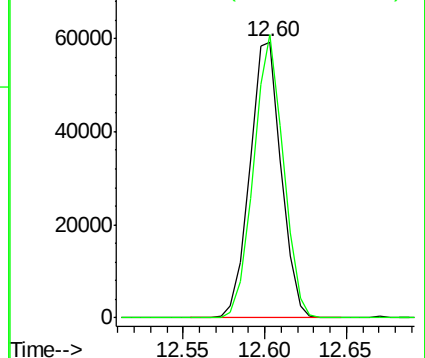
117 100

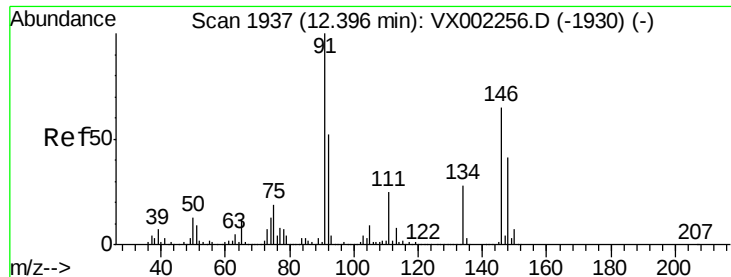
201 96.9 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): VX002256.D (-1963) (-)

Ion 200.70 (200.40 to 201.40): VX002256.D (-1963) (-)

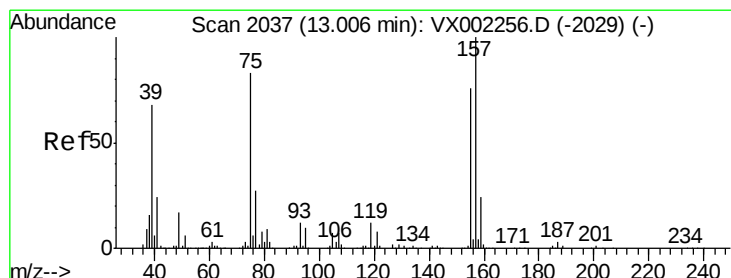
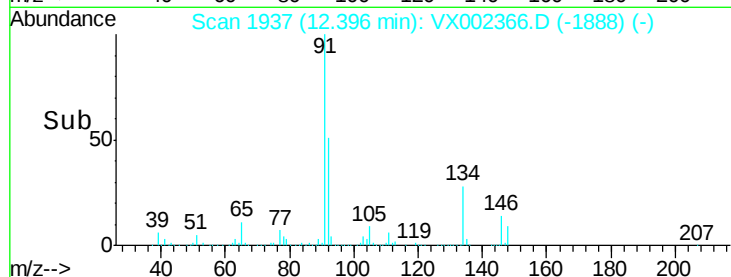
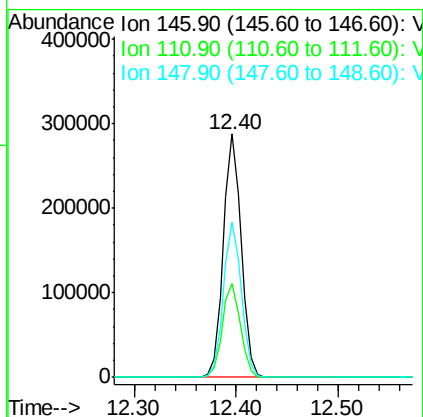
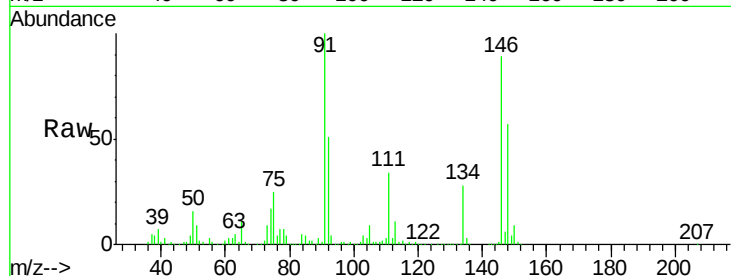




#91
1,2-Dichlorobenzene
Concen: 49.20 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX002366.D
Acq: 06 Jun 2018 21:16

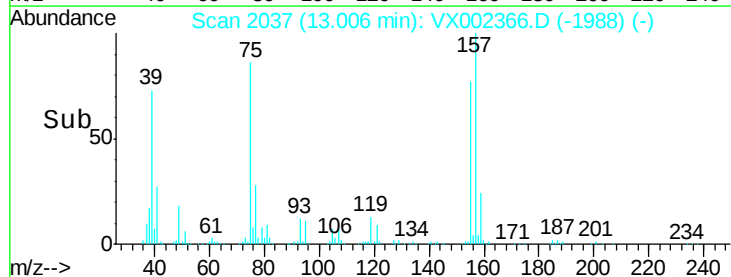
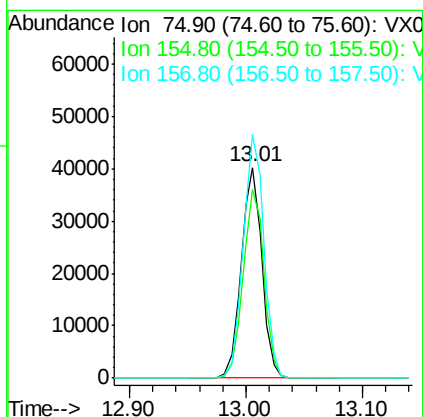
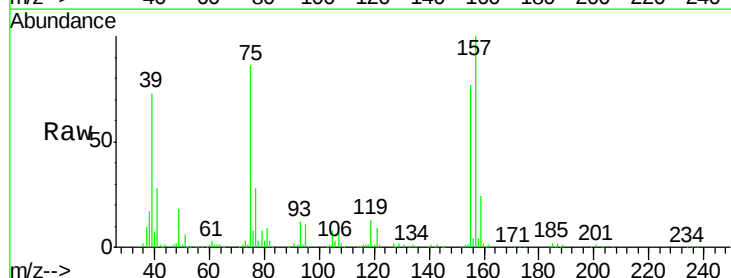
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

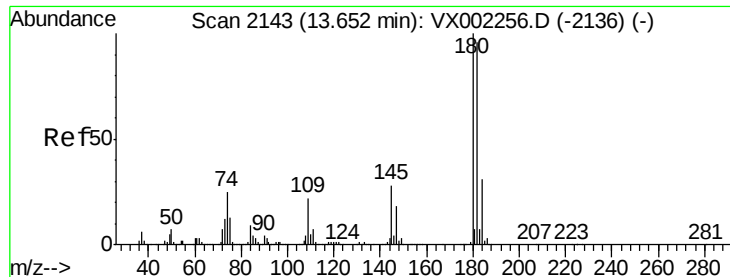
Tot Ion:146 Resp: 352426
Ion Ratio Lower Upper
146 100
111 39.0 19.4 58.1
148 63.9 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.32 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. -0.00 min
Lab File: VX002366.D
Acq: 06 Jun 2018 21:16

Tgt Ion: 75 Resp: 49632
Ion Ratio Lower Upper
75 100
155 90.8 45.8 137.4
157 116.6 60.1 180.3

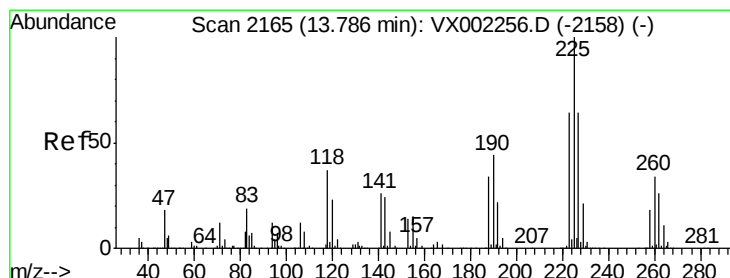
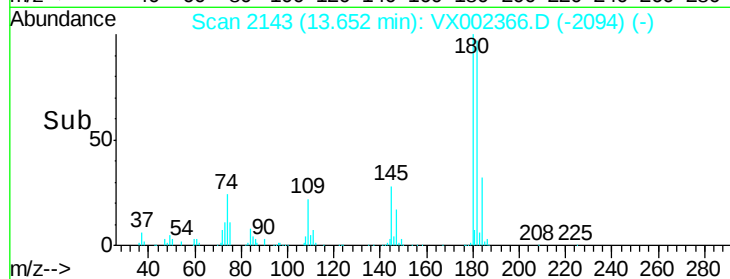
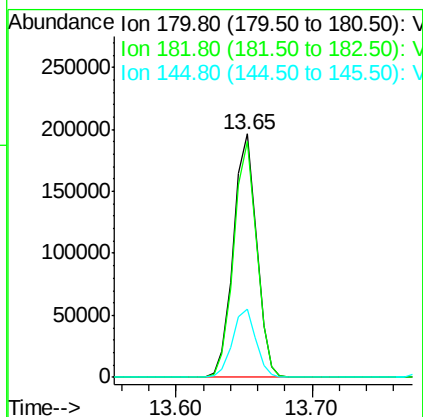
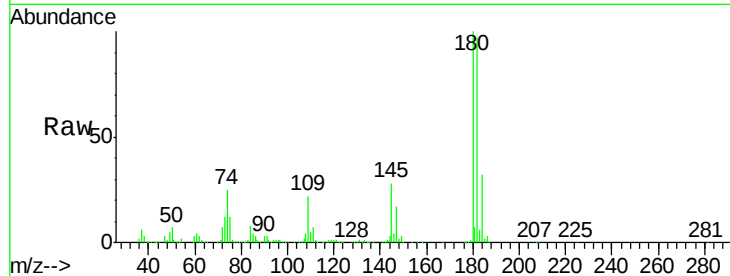




#93
 1,2,4-Trichlorobenzene
 Concen: 46.60 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002366.D
 Acq: 06 Jun 2018 21:16

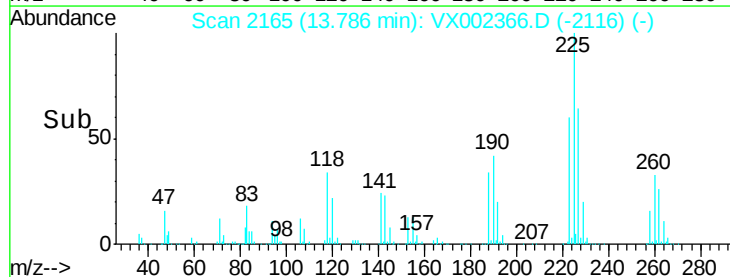
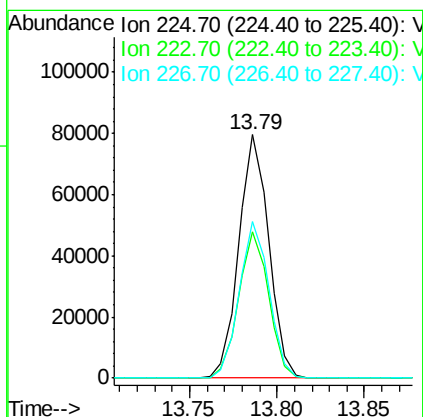
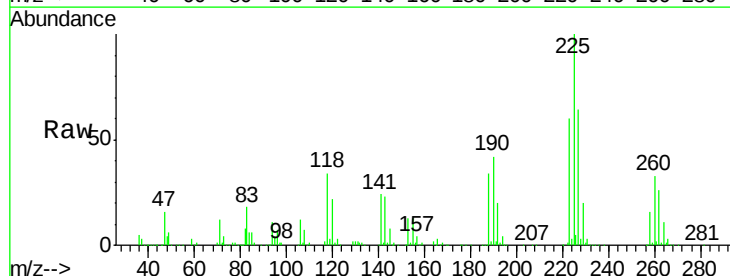
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

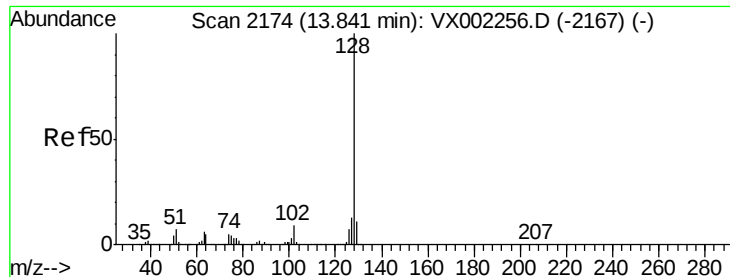
Tot Ion:180 Resp: 234092
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.7 143.1
 145 28.2 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 38.11 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002366.D
 Acq: 06 Jun 2018 21:16

Tgt Ion:225 Resp: 94596
 Ion Ratio Lower Upper
 225 100
 223 60.3 31.6 95.0
 227 64.2 32.4 97.2

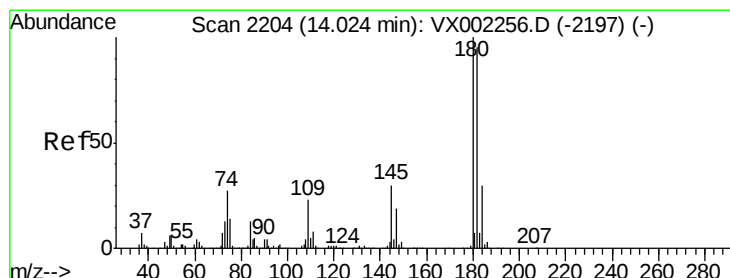
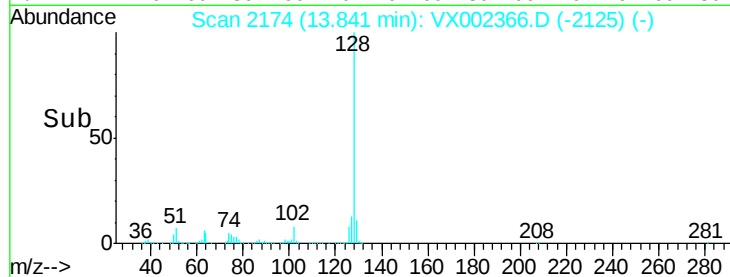
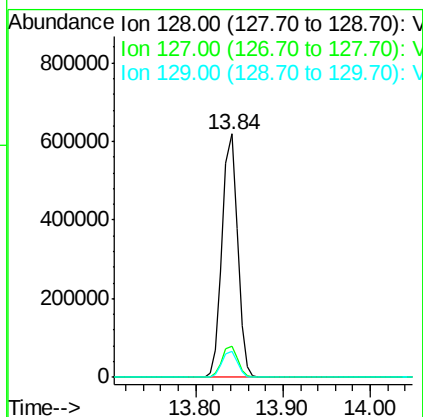
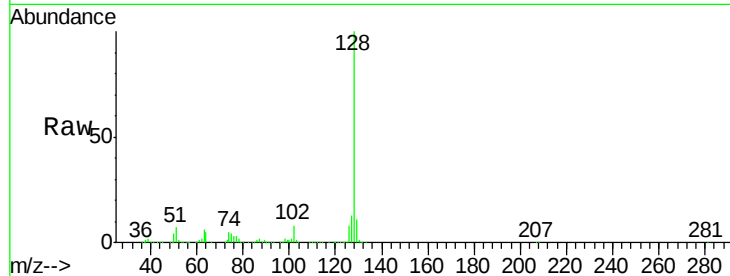




#95
Naphthalene
Concen: 52.37 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002366.D
Acq: 06 Jun 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 755771
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.05 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002366.D
Acq: 06 Jun 2018 21:16

Tgt Ion:180 Resp: 251268
Ion Ratio Lower Upper
180 100
182 95.2 48.0 144.0
145 29.5 14.8 44.3

