

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020519\
 Data File : VX007388.D
 Acq On : 05 Feb 2019 20:18
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 06 00:21:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	431991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	634514	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	605695	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	345368	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	222489	48.52	ug/l	0.00
Spiked Amount						
			Recovery	=	97.04%	
35) Dibromofluoromethane	5.50	113	205632	49.81	ug/l	0.00
Spiked Amount						
			Recovery	=	99.62%	
50) Toluene-d8	8.71	98	777450	50.76	ug/l	0.00
Spiked Amount						
			Recovery	=	101.52%	
62) 4-Bromofluorobenzene	11.14	95	289525	51.77	ug/l	0.00
Spiked Amount						
			Recovery	=	103.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	260240	49.027	ug/l	96
3) Chloromethane	1.33	50	232530	47.789	ug/l	100
4) Vinyl Chloride	1.41	62	233312	48.877	ug/l	98
5) Bromomethane	1.64	94	189681	40.090	ug/l	99
6) Chloroethane	1.71	64	170050	55.069	ug/l	95
7) Trichlorofluoromethane	1.88	101	306602	41.059	ug/l	98
8) Diethyl Ether	2.20	74	141589	50.377	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.34	101	217372	48.938	ug/l	99
10) Methyl Iodide	2.48	142	295621	45.243	ug/l	99
11) Tert butyl alcohol	3.14	59	9949	10.485	ug/l #	73
12) 1,1-Dichloroethene	2.34	96	198918	48.227	ug/l	97
13) Acrolein	2.31	56	105750	237.655	ug/l	99
14) Allyl chloride	2.71	41	273529	40.700	ug/l	89
15) Acrylonitrile	3.17	53	605144	257.790	ug/l	99
16) Acetone	2.49	43	522688	248.855	ug/l	99
17) Carbon Disulfide	2.53	76	441070	41.281	ug/l	100
18) Methyl Acetate	2.80	43	331943	60.530	ug/l	98
19) Methyl tert-butyl Ether	3.23	73	674425	50.471	ug/l	97
20) Methylene Chloride	2.84	84	221913	51.740	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	204613	46.569	ug/l	98
22) Diisopropyl ether	3.89	45	625052	50.562	ug/l	93
23) Vinyl Acetate	3.83	43	2314029	225.575	ug/l	100
24) 1,1-Dichloroethane	3.68	63	347910	49.007	ug/l	100
25) 2-Butanone	4.74	43	734229	245.636	ug/l	99
26) 2,2-Dichloropropane	4.57	77	215754	39.907	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	228161	47.543	ug/l	98
28) Bromochloromethane	5.02	49	151311	46.347	ug/l	100
29) Tetrahydrofuran	5.18	42	494401	262.989	ug/l	99
30) Chloroform	5.21	83	365312	49.313	ug/l	98
31) Cyclohexane	5.56	56	313278	49.133	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	309250	49.456	ug/l	99
36) 1,1-Dichloropropene	5.79	75	264091	46.388	ug/l	99
37) Ethyl Acetate	4.88	43	291728	50.691	ug/l	100
38) Carbon Tetrachloride	5.77	117	265474	48.065	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	327482	47.543	ug/l	98
40) Benzene	6.13	78	819324	48.856	ug/l	100
41) Methacrylonitrile	5.08	41	150608	48.829	ug/l	97
42) 1,2-Dichloroethane	6.20	62	278012	47.913	ug/l	98
43) Isopropyl Acetate	6.48	43	445281	50.127	ug/l	100
44) Trichloroethene	7.21	130	233549	46.240	ug/l	99
45) 1,2-Dichloropropane	7.51	63	205997	49.026	ug/l	97
46) Dibromomethane	7.66	93	141402	46.302	ug/l	98
47) Bromodichloromethane	7.90	83	247198	47.762	ug/l	100
48) Methyl methacrylate	7.78	41	229251	51.596	ug/l	100
49) 1,4-Dioxane	7.79	88	108561	1073.848	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	1519303	259.812	ug/l	100
52) Toluene	8.78	92	519192	47.985	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	269471	48.471	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	298493	48.823	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	221554	49.123	ug/l	98
56) Ethyl methacrylate	9.19	69	317596	50.842	ug/l	99
57) 1,3-Dichloropropane	9.37	76	353012	49.217	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	812036	246.630	ug/l	100
59) 2-Hexanone	9.51	43	1192569	262.075	ug/l	100
60) Dibromochloromethane	9.59	129	213554	50.064	ug/l	97
61) 1,2-Dibromoethane	9.67	107	233774	48.944	ug/l	98
64) Tetrachloroethene	9.34	164	229817	40.256	ug/l	98
65) Chlorobenzene	10.14	112	595886	45.083	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	217027	48.975	ug/l	100
67) Ethyl Benzene	10.25	91	993104	46.657	ug/l	98
68) m/p-Xylenes	10.36	106	794442	93.894	ug/l	99
69) o-Xylene	10.70	106	392806	48.246	ug/l	99
70) Styrene	10.71	104	637285	48.265	ug/l	100
71) Bromoform	10.87	173	165912	43.277	ug/l	99
73) Isopropylbenzene	11.02	105	1030381	43.903	ug/l	98
74) N-amyl acetate	10.90	43	443458	48.851	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	359612	50.277	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	380085	56.578	ug/l	80
77) Bromobenzene	11.26	156	289731	43.814	ug/l	99
78) n-propylbenzene	11.36	91	1151463	44.742	ug/l	100
79) 2-Chlorotoluene	11.42	91	693673	44.421	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	869411	45.279	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	87780	41.201	ug/l	97
82) 4-Chlorotoluene	11.51	91	813779	45.036	ug/l	100
83) tert-Butylbenzene	11.77	119	890792	46.859	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	901611	46.252	ug/l	99
85) sec-Butylbenzene	11.94	105	1046527	45.485	ug/l	100
86) p-Isopropyltoluene	12.07	119	939215	45.221	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	520006	43.817	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	526953	43.766	ug/l	99
89) n-Butylbenzene	12.39	91	768817	43.030	ug/l	99
90) Hexachloroethane	12.60	117	145212	46.716	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	544388	46.094	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	72323	48.629	ug/l	96

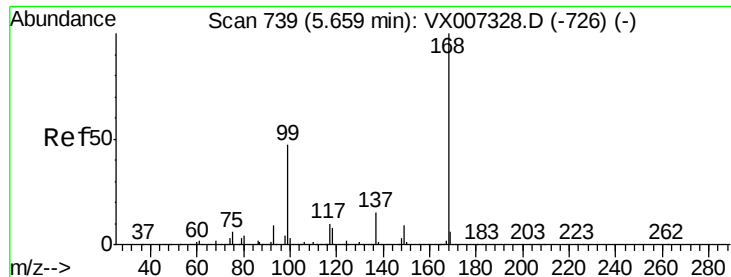
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QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	365664	45.910	ug/l	99
94) Hexachlorobutadiene	13.78	225	170670	44.129	ug/l	99
95) Naphthalene	13.83	128	1169274	50.201	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	380770	47.493	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX007388.D

Acq: 05 Feb 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

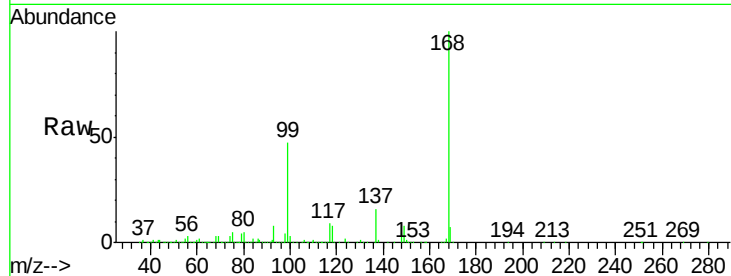
VSTDCCC050EC

Tot Ion:168 Resp: 431991

Ion Ratio Lower Upper

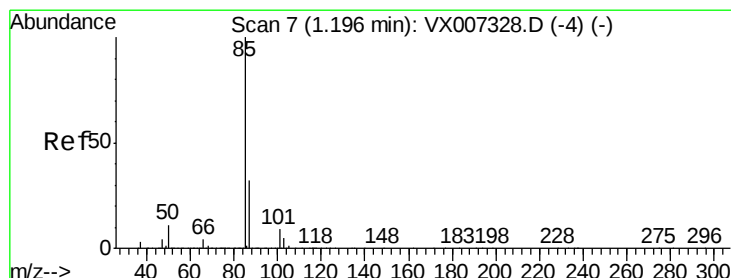
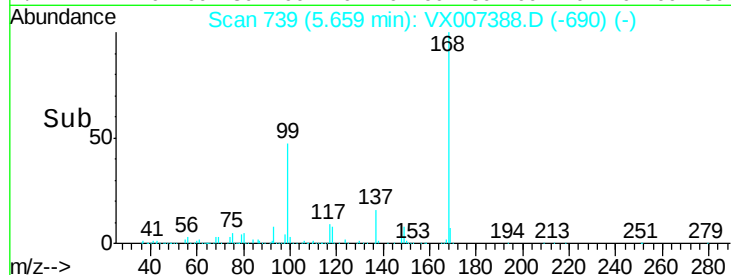
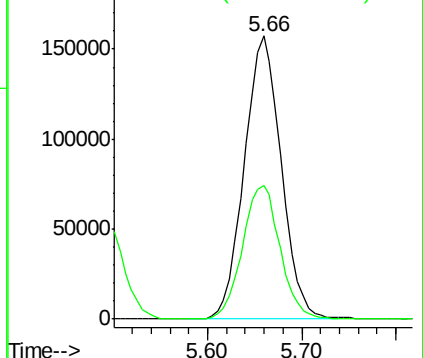
168 100

99 47.1 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.027 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007388.D

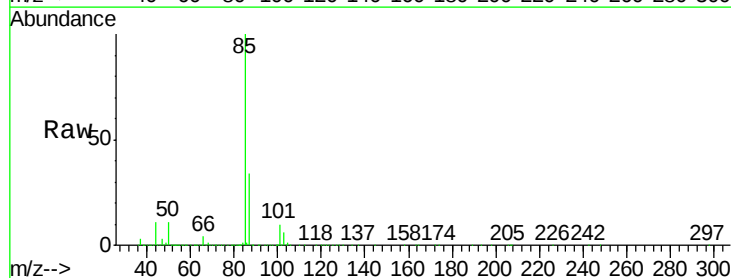
Acq: 05 Feb 2019 20:18

Tgt Ion: 85 Resp: 260240

Ion Ratio Lower Upper

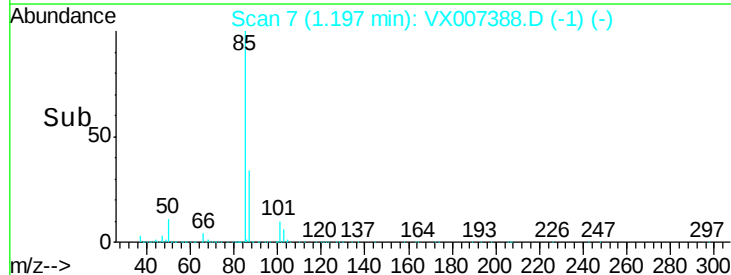
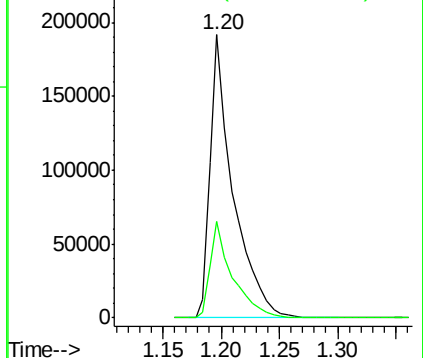
85 100

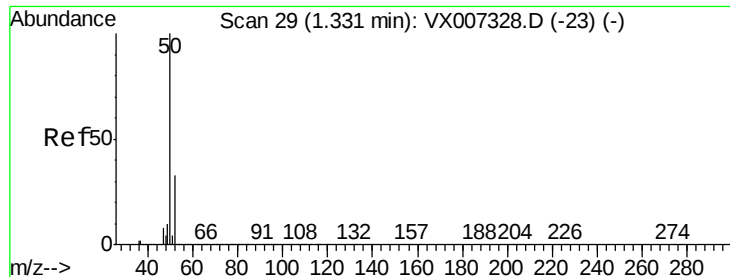
87 34.0 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.789 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007388.D

Acq: 05 Feb 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

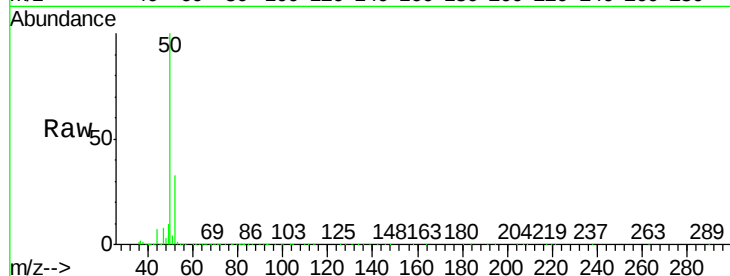
VSTDCCC050EC

Tot Ion: 50 Resp: 232530

Ion Ratio Lower Upper

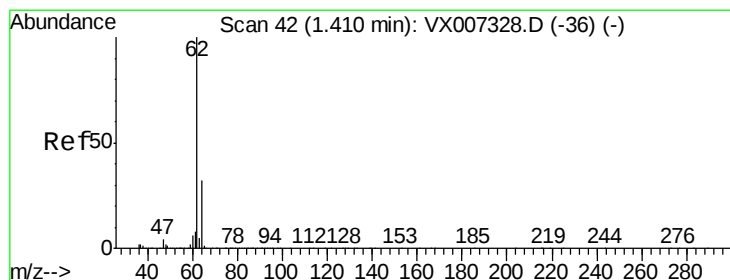
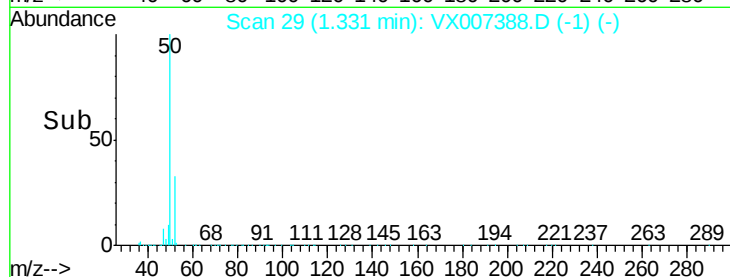
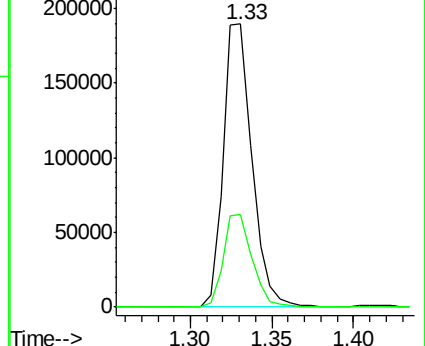
50 100

52 32.8 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.877 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007388.D

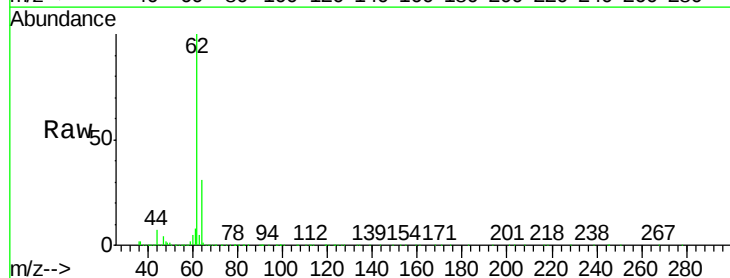
Acq: 05 Feb 2019 20:18

Tgt Ion: 62 Resp: 233312

Ion Ratio Lower Upper

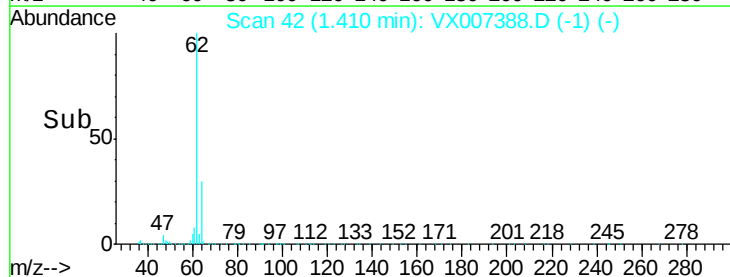
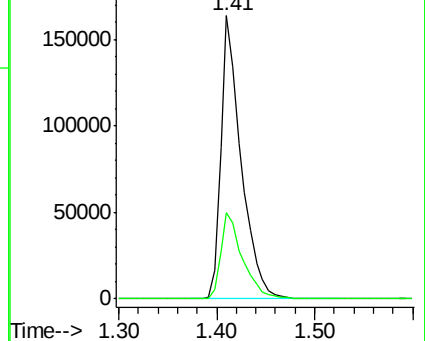
62 100

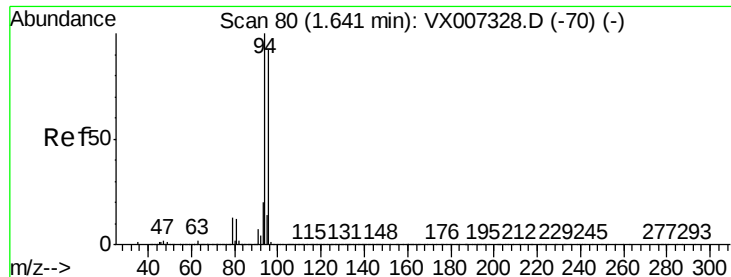
64 30.4 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 40.090 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX007388.D

Acq: 05 Feb 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

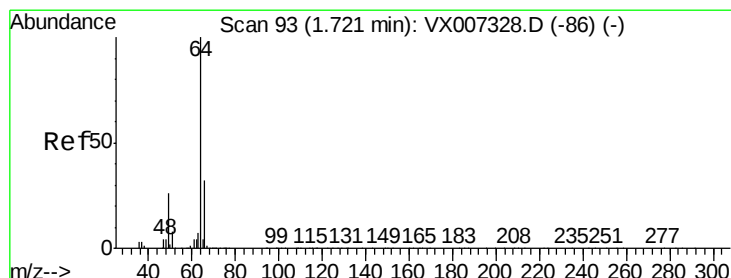
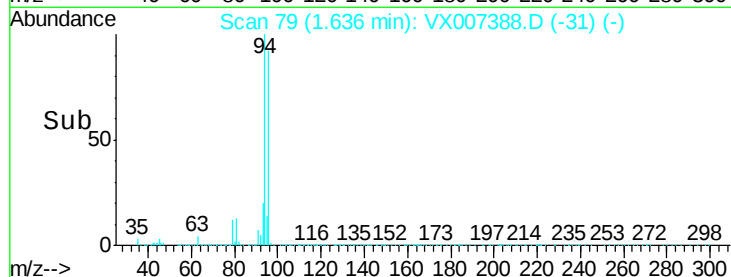
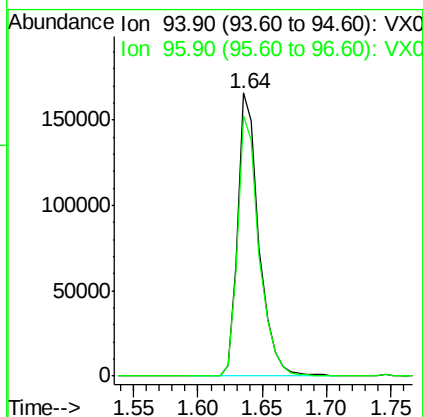
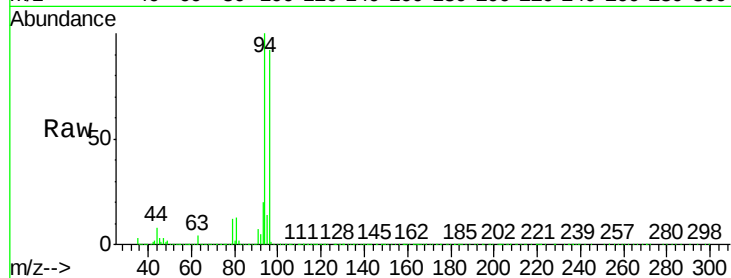
VSTDCCC050EC

Tot Ion: 94 Resp: 189681

Ion Ratio Lower Upper

94 100

96 91.9 73.9 110.9



#6

Chloroethane

Concen: 55.069 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX007388.D

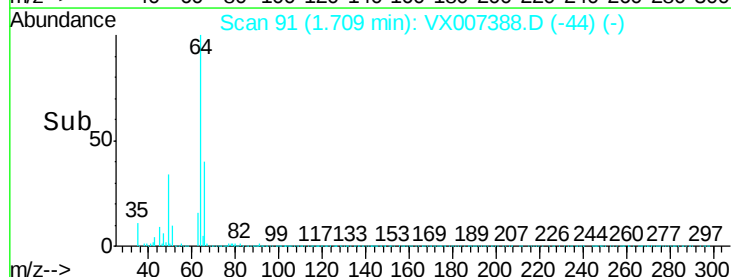
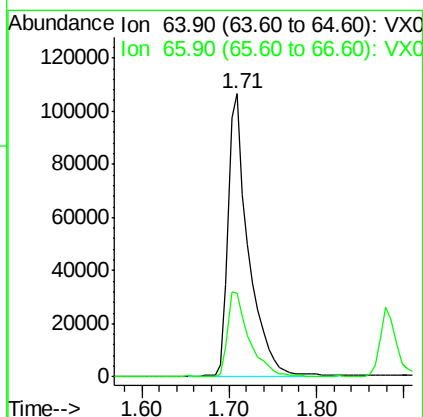
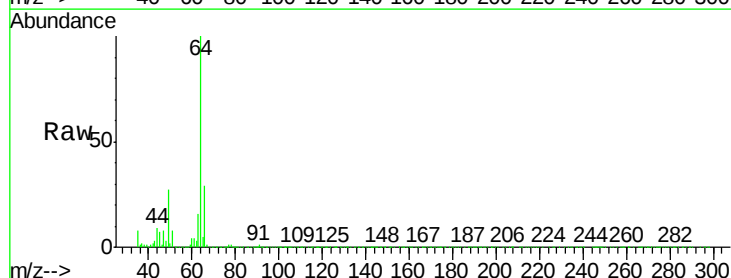
Acq: 05 Feb 2019 20:18

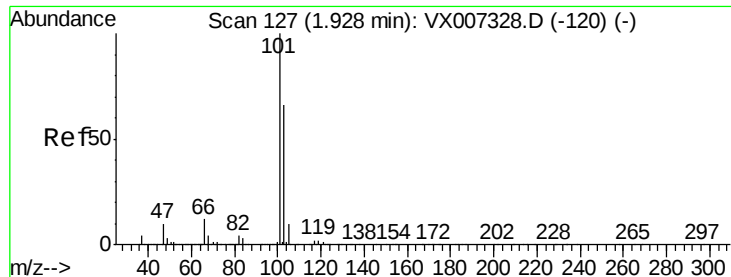
Tgt Ion: 64 Resp: 170050

Ion Ratio Lower Upper

64 100

66 29.1 25.5 38.3



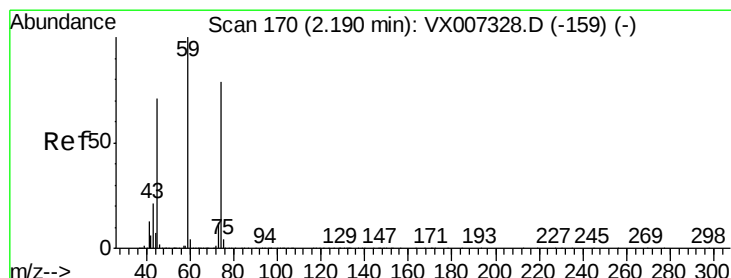
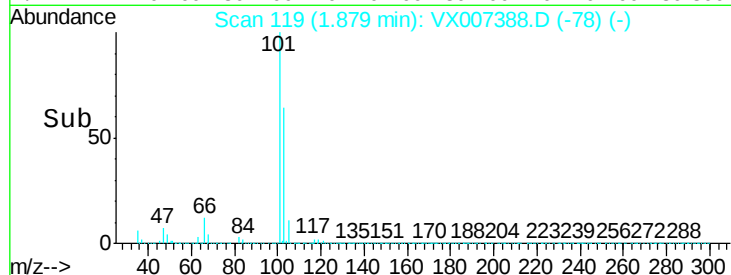
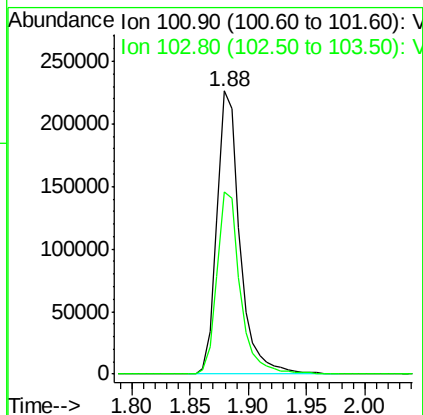
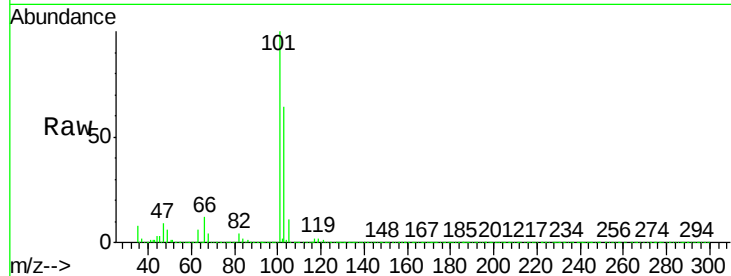


#7

Trichlorofluoromethane
Concen: 41.059 ug/l
RT: 1.88 min Scan# 119
Delta R.T. -0.05 min
Lab File: VX007388.D
Acq: 05 Feb 2019 20:18

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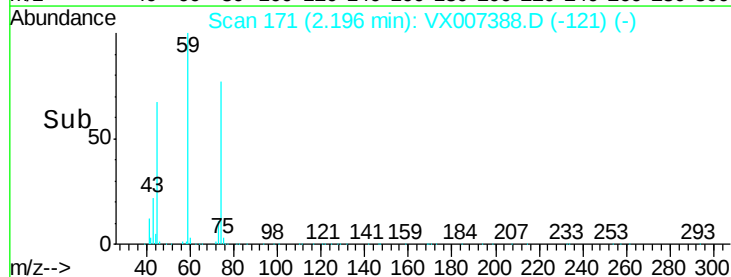
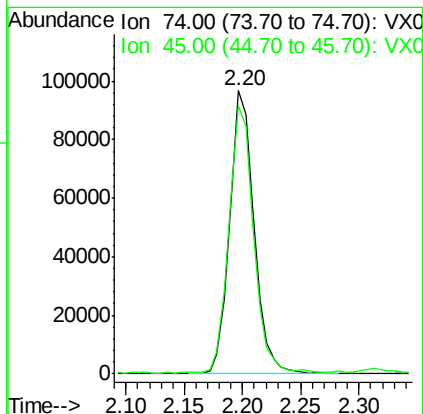
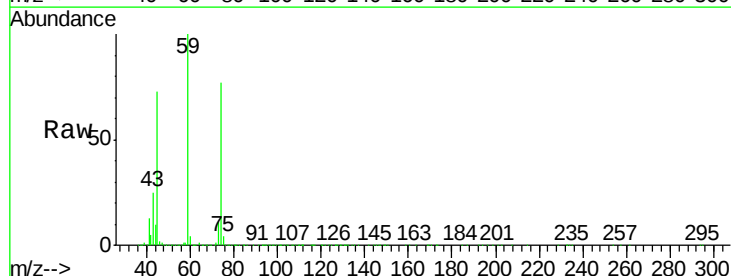
Tot Ion:101 Resp: 306602
Ion Ratio Lower Upper
101 100
103 64.1 52.6 79.0

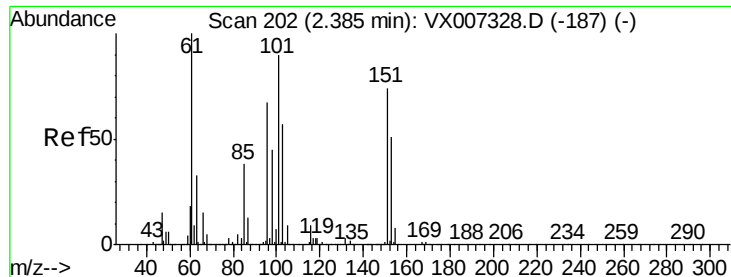


#8

Diethyl Ether
Concen: 50.377 ug/l
RT: 2.20 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX007388.D
Acq: 05 Feb 2019 20:18

Tgt Ion: 74 Resp: 141589
Ion Ratio Lower Upper
74 100
45 95.8 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.938 ug/l

RT: 2.34 min Scan# 195

Delta R.T. -0.04 min

Lab File: VX007388.D

Acq: 05 Feb 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

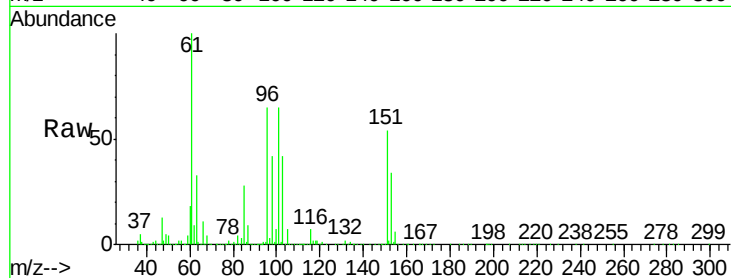
Tot Ion:101 Resp: 217372

Ion Ratio Lower Upper

101 100

85 43.1 34.1 51.1

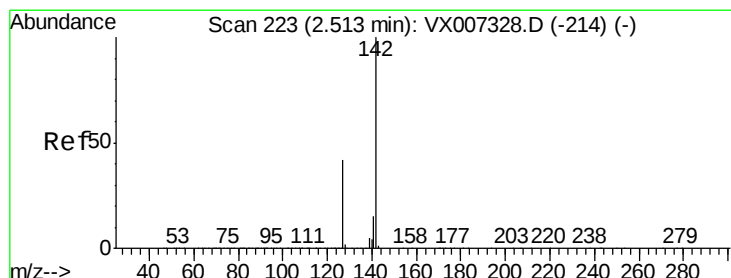
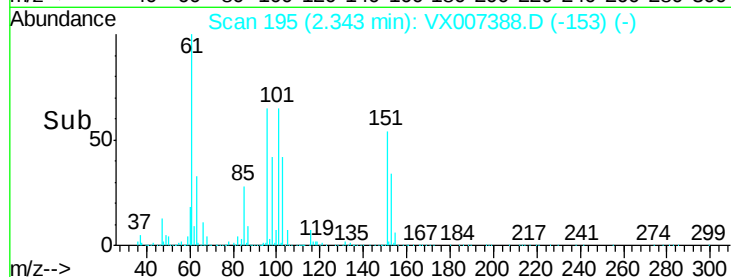
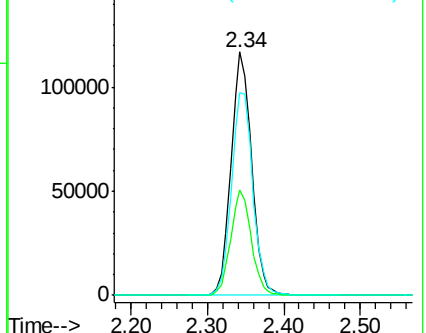
151 86.8 69.9 104.9



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: 45.243 ug/l

RT: 2.48 min Scan# 218

Delta R.T. -0.03 min

Lab File: VX007388.D

Acq: 05 Feb 2019 20:18

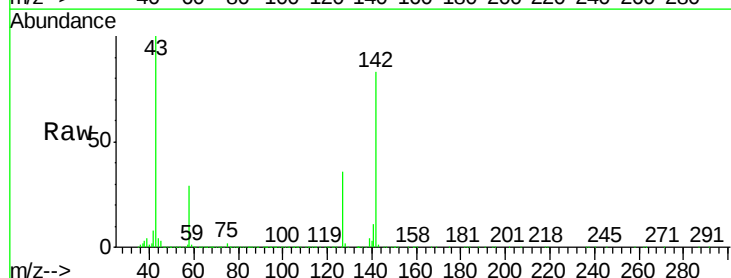
Tgt Ion:142 Resp: 295621

Ion Ratio Lower Upper

142 100

127 42.9 33.7 50.5

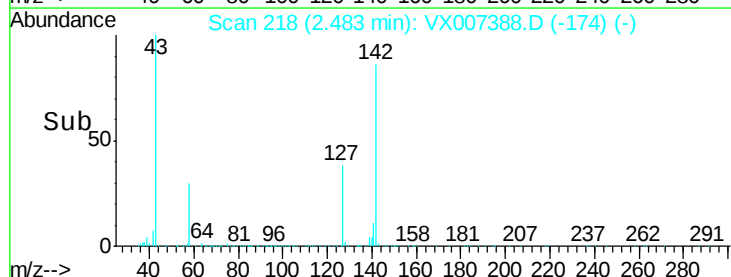
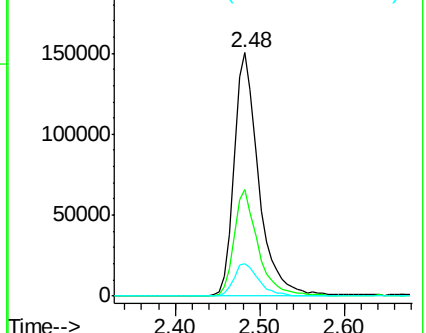
141 13.9 11.3 16.9

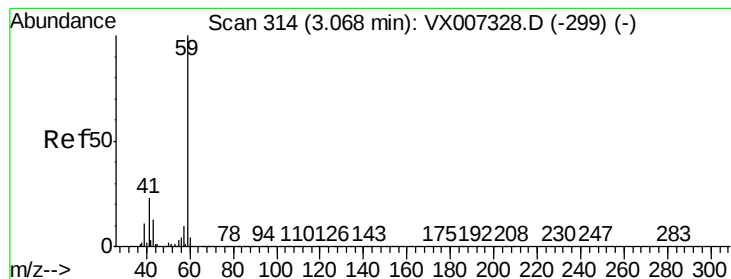


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



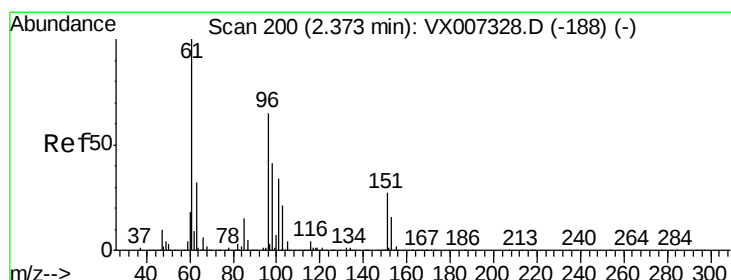
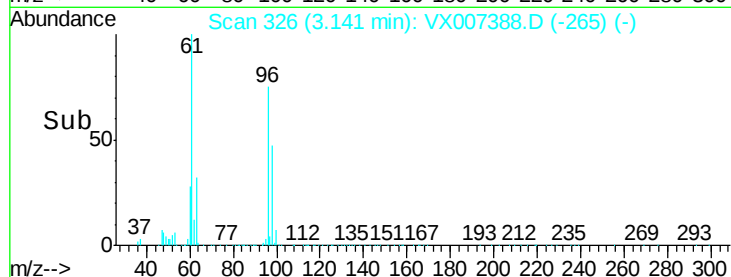
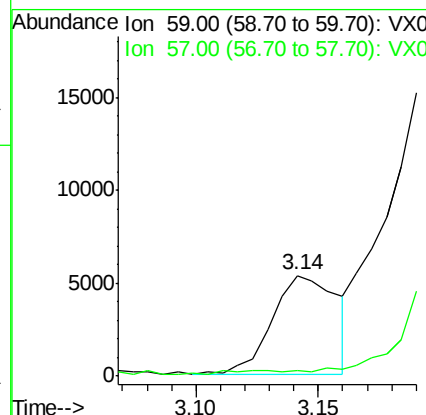
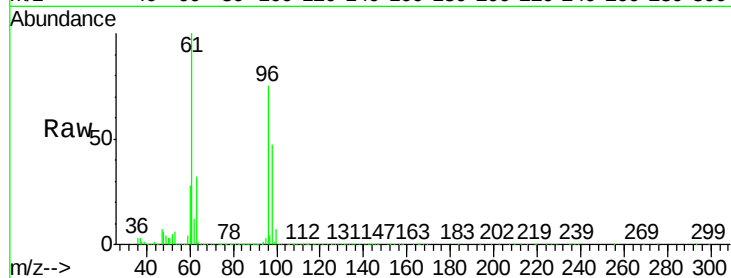


#11

Tert butyl alcohol
Concen: 10.485 ug/l
RT: 3.14 min Scan# 326
Delta R.T. 0.07 min
Lab File: VX007388.D
Acq: 05 Feb 2019 20:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

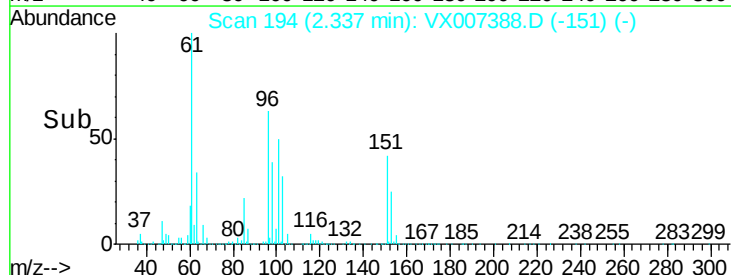
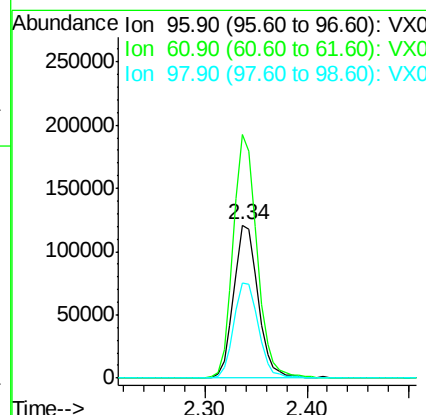
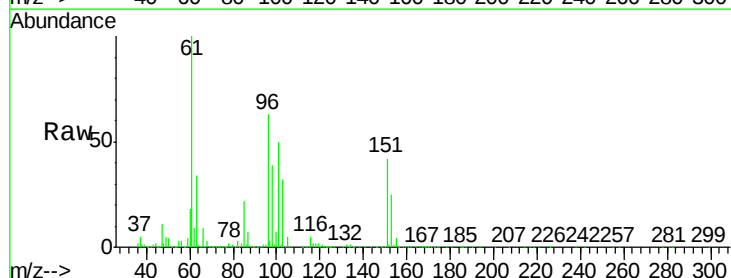
Tot Ion: 59 Resp: 9949
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

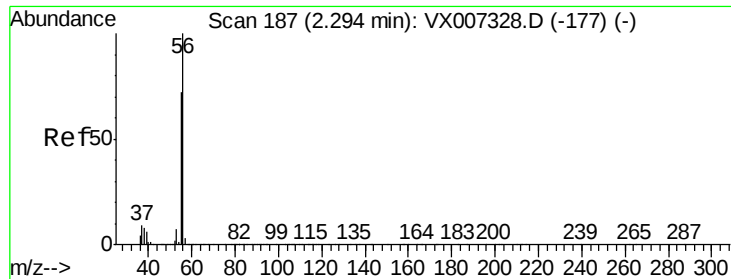


#12

1,1-Dichloroethene
Concen: 48.227 ug/l
RT: 2.34 min Scan# 194
Delta R.T. -0.04 min
Lab File: VX007388.D
Acq: 05 Feb 2019 20:18

Tgt Ion: 96 Resp: 198918
Ion Ratio Lower Upper
96 100
61 158.9 123.0 184.4
98 62.3 50.9 76.3

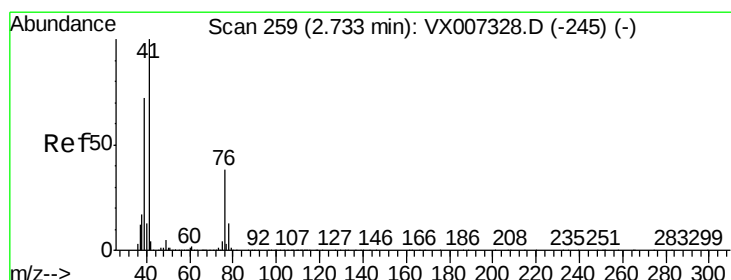
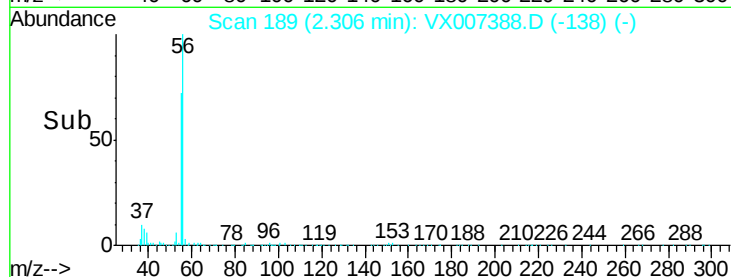
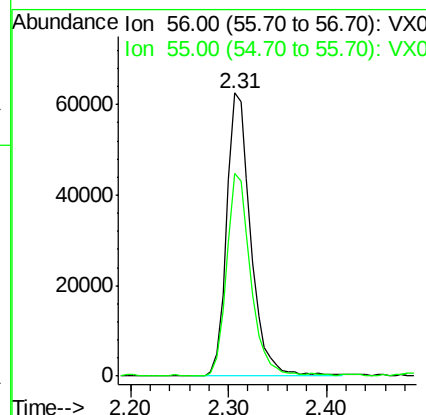
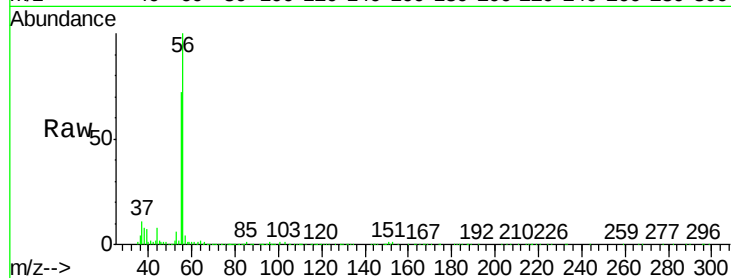




#13
 Acrolein
 Concen: 237.655 ug/l
 RT: 2.31 min Scan# 189
 Delta R.T. 0.01 min
 Lab File: VX007388.D
 Acq: 05 Feb 2019 20:18

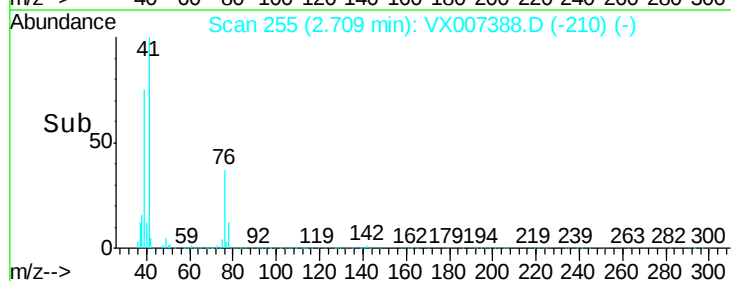
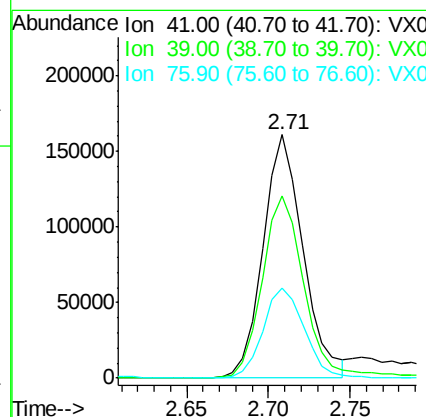
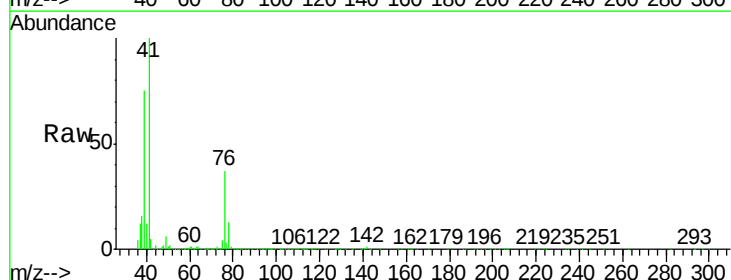
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

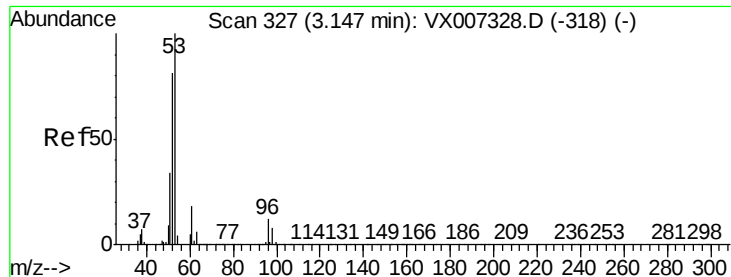
Tot Ion: 56 Resp: 105750
 Ion Ratio Lower Upper
 56 100
 55 71.7 56.9 85.3



#14
 Allyl chloride
 Concen: 40.700 ug/l
 RT: 2.71 min Scan# 255
 Delta R.T. -0.02 min
 Lab File: VX007388.D
 Acq: 05 Feb 2019 20:18

Tgt Ion: 41 Resp: 273529
 Ion Ratio Lower Upper
 41 100
 39 79.3 54.1 81.1
 76 37.9 27.8 41.8





#15

Acrylonitrile

Concen: 257.790 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.02 min

Lab File: VX007388.D

Acq: 05 Feb 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

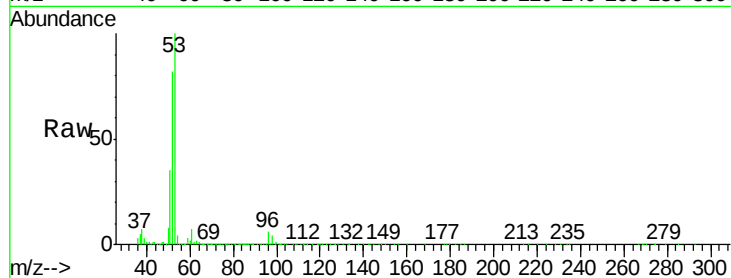
Tot Ion: 53 Resp: 605144

Ion Ratio Lower Upper

53 100

52 82.2 66.4 99.6

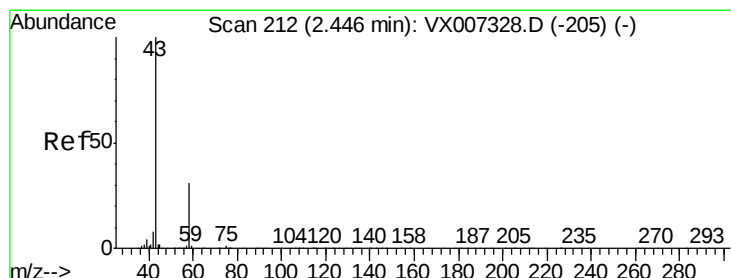
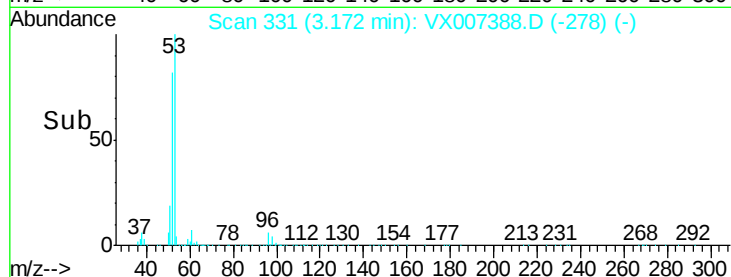
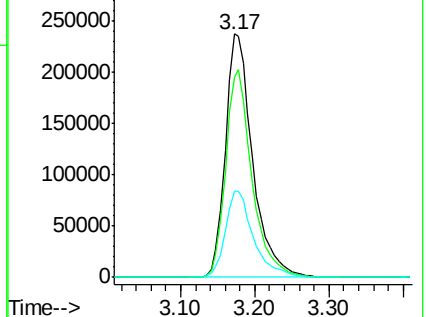
51 36.3 28.4 42.6



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: 248.855 ug/l

RT: 2.49 min Scan# 219

Delta R.T. 0.04 min

Lab File: VX007388.D

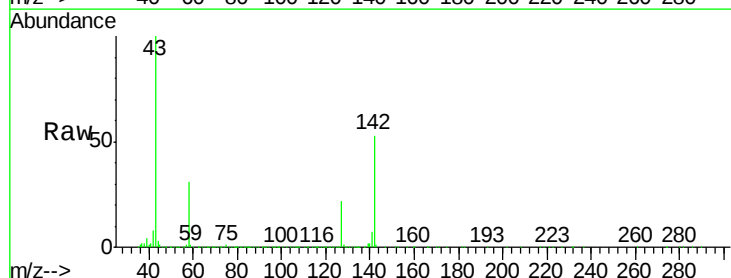
Acq: 05 Feb 2019 20:18

Tgt Ion: 43 Resp: 522688

Ion Ratio Lower Upper

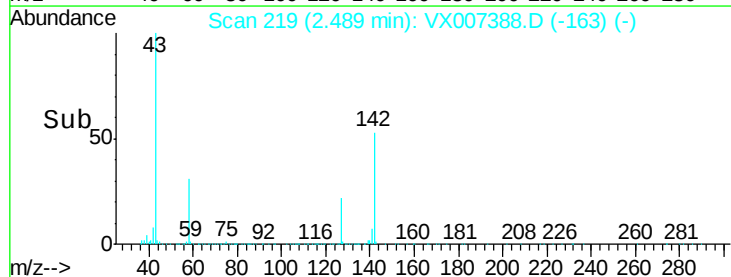
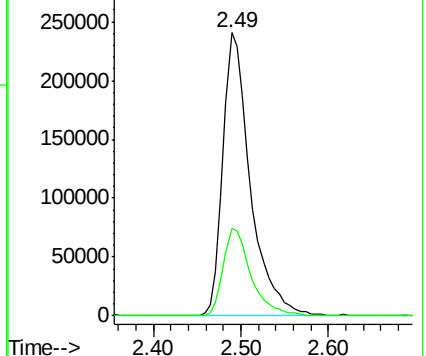
43 100

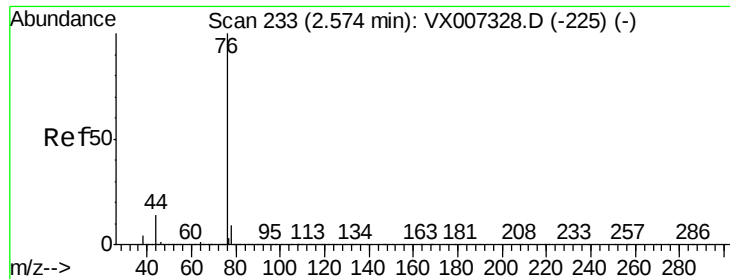
58 30.8 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

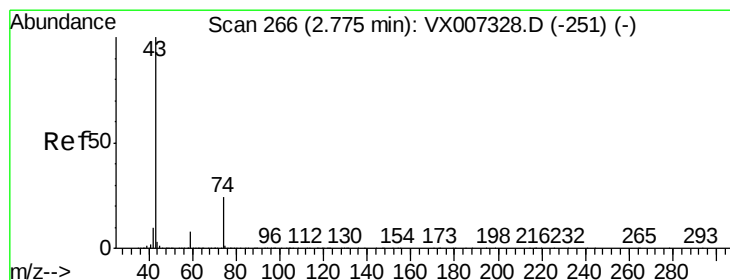
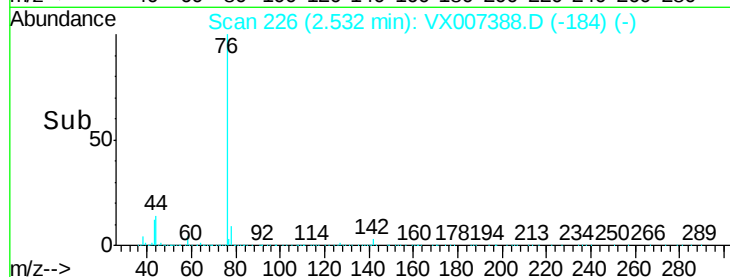
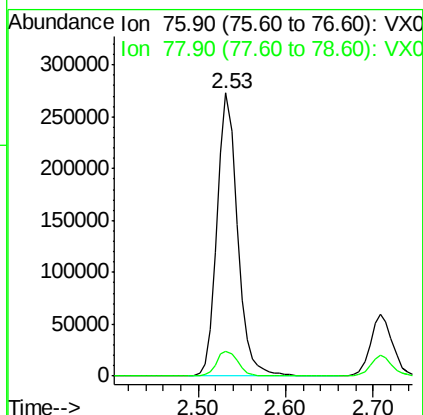
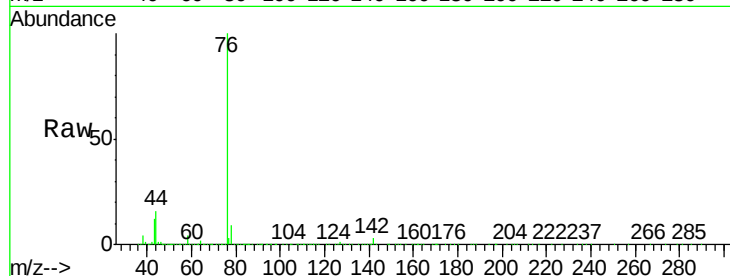




#17
Carbon Disulfide
Concen: 41.281 ug/l
RT: 2.53 min Scan# 226
Delta R.T. -0.04 min
Lab File: VX007388.D
Acq: 05 Feb 2019 20:18

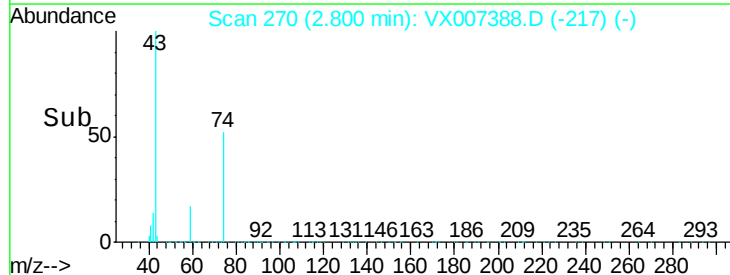
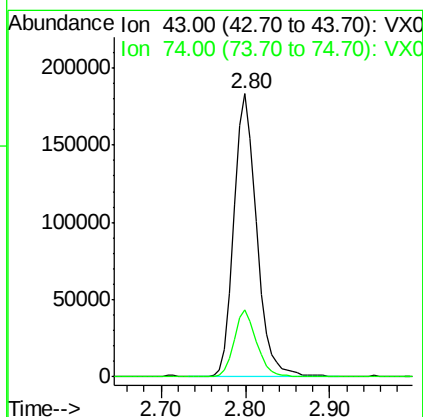
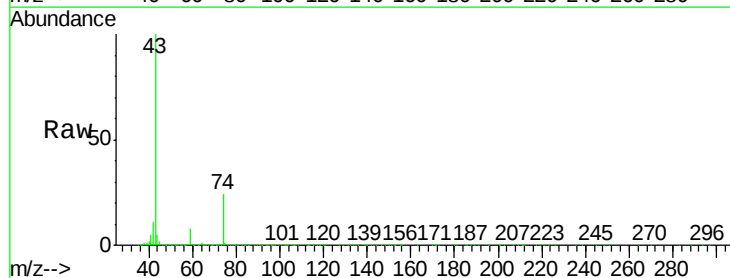
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

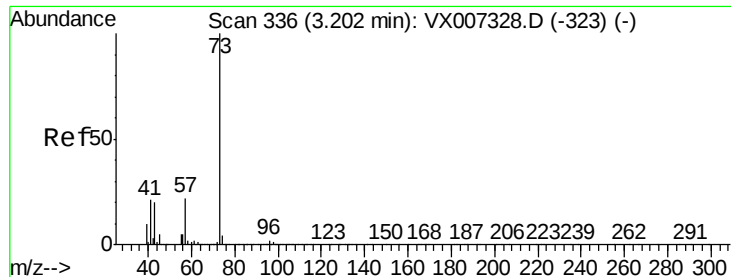
Tot Ion: 76 Resp: 441070
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 60.530 ug/l
RT: 2.80 min Scan# 270
Delta R.T. 0.02 min
Lab File: VX007388.D
Acq: 05 Feb 2019 20:18

Tgt Ion: 43 Resp: 331943
Ion Ratio Lower Upper
43 100
74 23.1 19.4 29.2



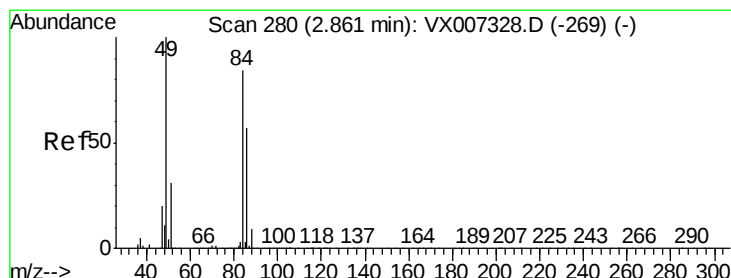
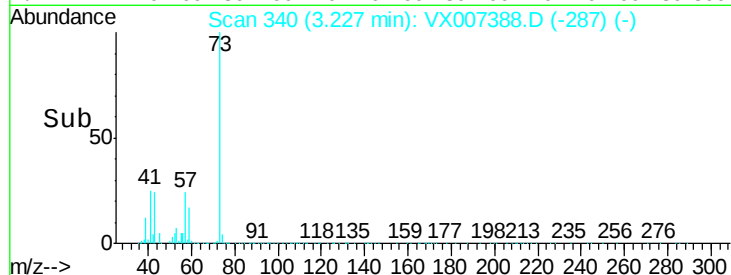
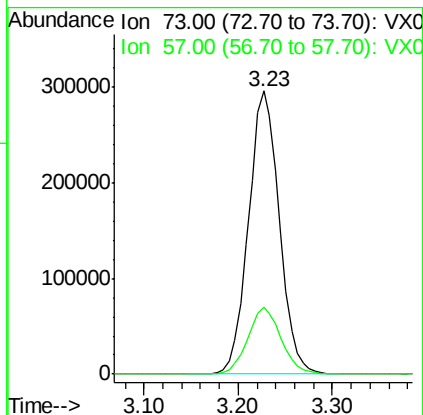
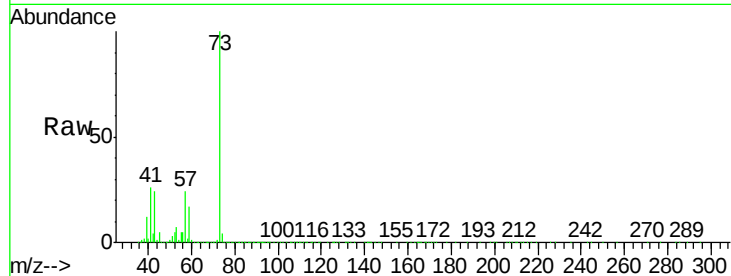


#19

Methyl tert-butyl Ether
 Concen: 50.471 ug/l
 RT: 3.23 min Scan# 340
 Delta R.T. 0.02 min
 Lab File: VX007388.D
 Acq: 05 Feb 2019 20:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

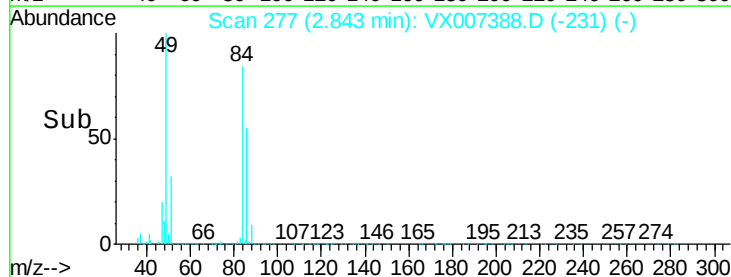
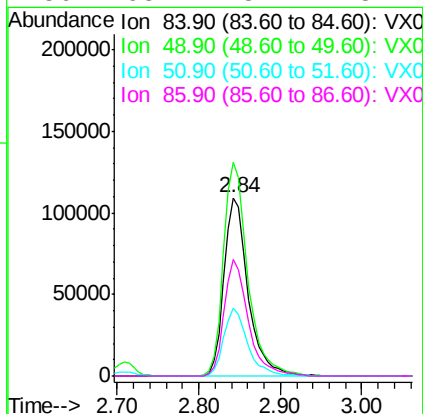
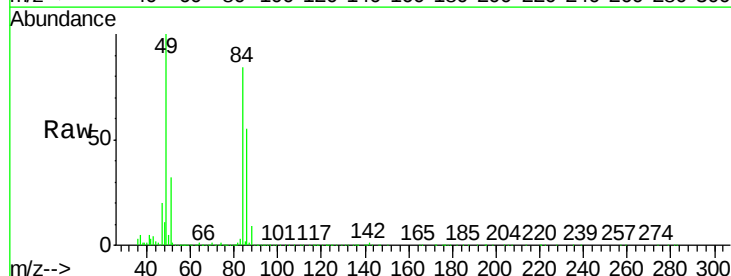
Tot Ion: 73 Resp: 674425
 Ion Ratio Lower Upper
 73 100
 57 23.6 17.8 26.8

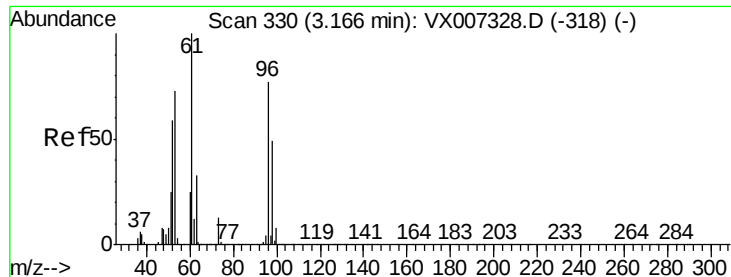


#20

Methylene Chloride
 Concen: 51.740 ug/l
 RT: 2.84 min Scan# 277
 Delta R.T. -0.02 min
 Lab File: VX007388.D
 Acq: 05 Feb 2019 20:18

Tgt Ion: 84 Resp: 221913
 Ion Ratio Lower Upper
 84 100
 49 119.7 94.8 142.2
 51 38.1 29.8 44.8
 86 65.4 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 46.569 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.02 min

Lab File: VX007388.D

Acq: 05 Feb 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

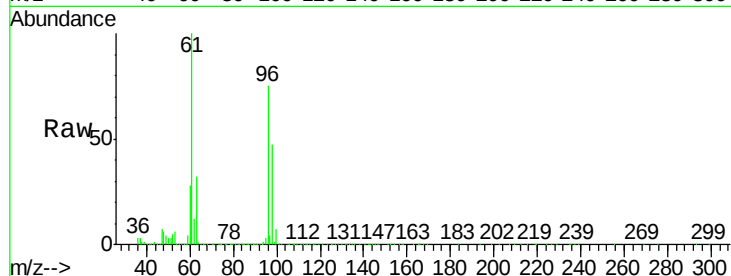
Tot Ion: 96 Resp: 204613

Ion Ratio Lower Upper

96 100

61 133.6 104.6 156.8

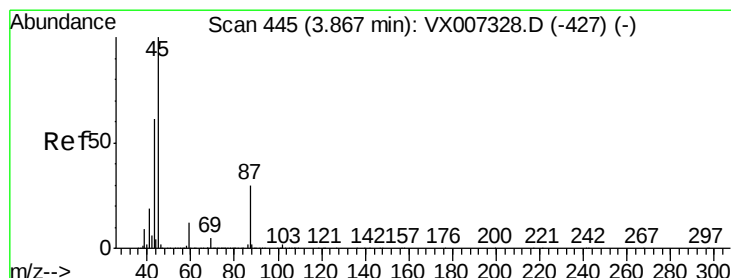
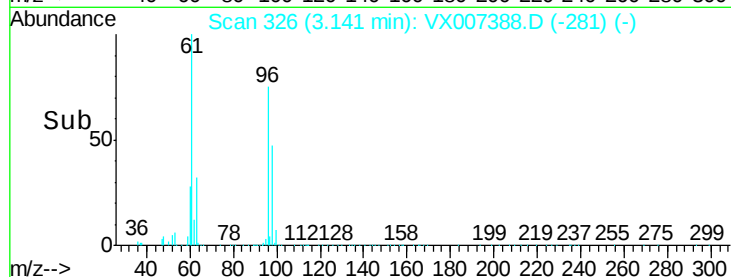
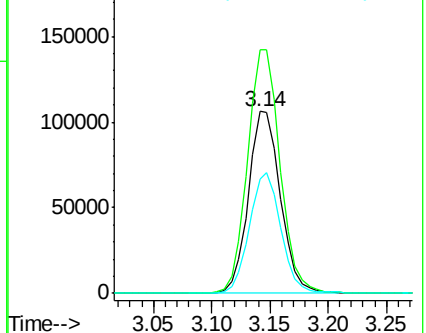
98 63.0 51.0 76.4



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: 50.562 ug/l

RT: 3.89 min Scan# 449

Delta R.T. 0.02 min

Lab File: VX007388.D

Acq: 05 Feb 2019 20:18

Tgt Ion: 45 Resp: 625052

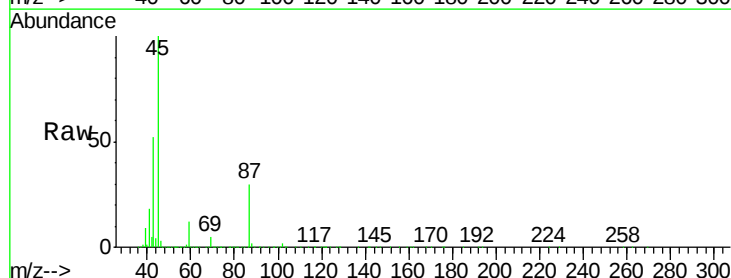
Ion Ratio Lower Upper

45 100

43 52.4 48.9 73.3

87 29.6 23.9 35.9

59 11.7 9.6 14.4

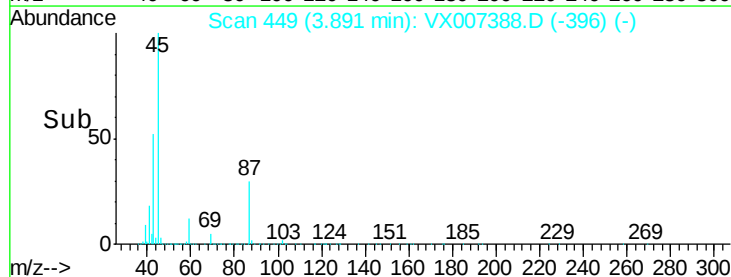
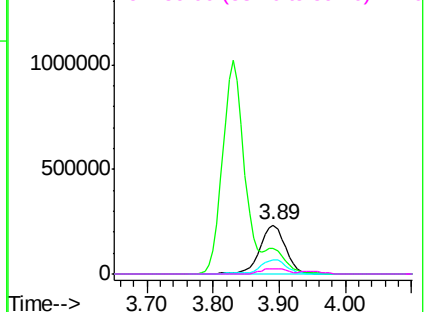


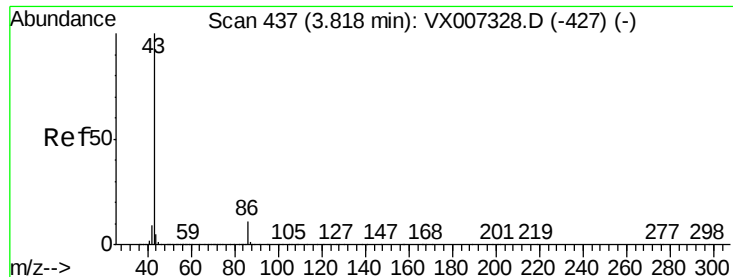
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 225.575 ug/l

RT: 3.83 min Scan# 439

Delta R.T. 0.01 min

Lab File: VX007388.D

Acq: 05 Feb 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

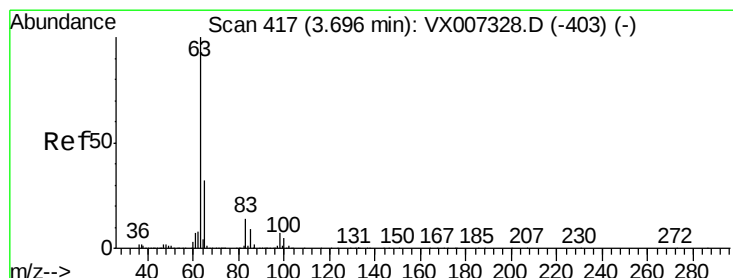
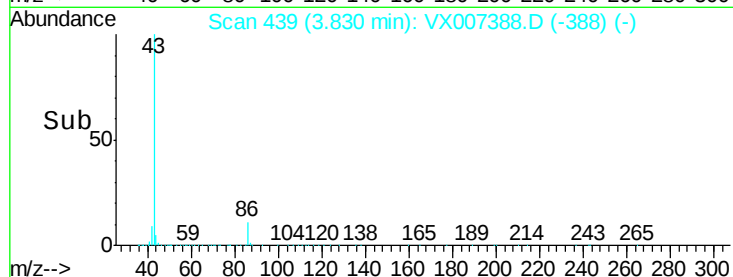
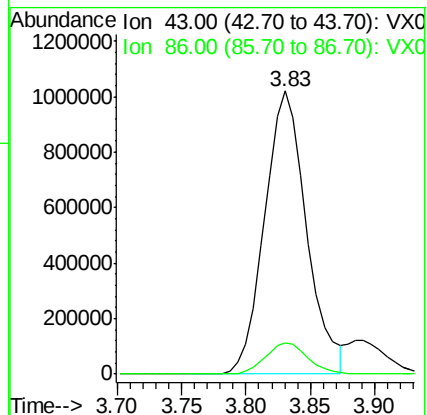
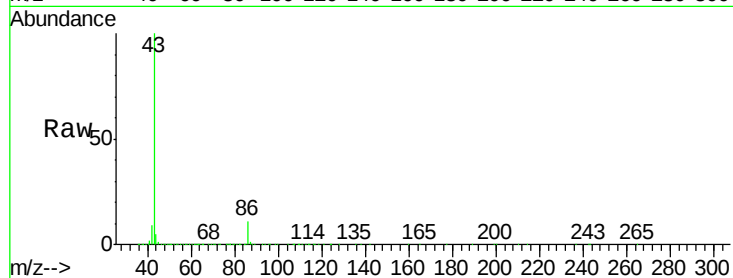
VSTDCCC050EC

Tot Ion: 43 Resp: 2314029

Ion Ratio Lower Upper

43 100

86 11.1 8.7 13.1



#24

1,1-Dichloroethane

Concen: 49.007 ug/l

RT: 3.68 min Scan# 415

Delta R.T. -0.01 min

Lab File: VX007388.D

Acq: 05 Feb 2019 20:18

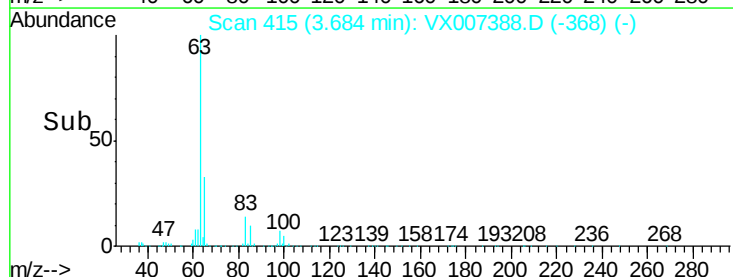
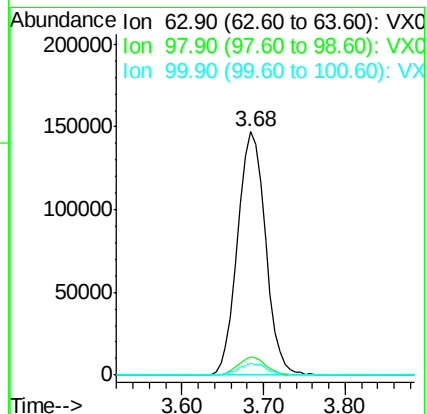
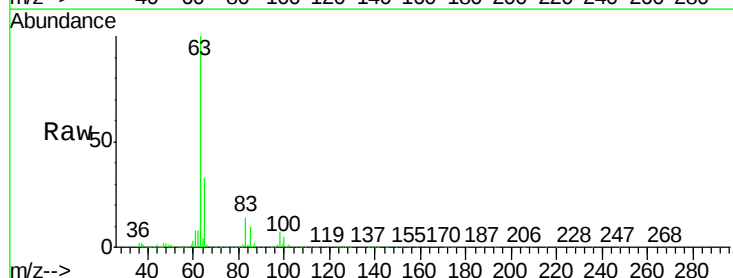
Tgt Ion: 63 Resp: 347910

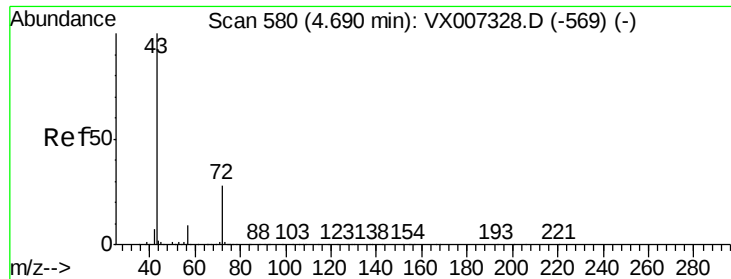
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

100 4.7 2.5 7.4





#25

2-Butanone

Concen: 245.636 ug/l

RT: 4.74 min Scan# 588

Delta R.T. 0.05 min

Lab File: VX007388.D

Acq: 05 Feb 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

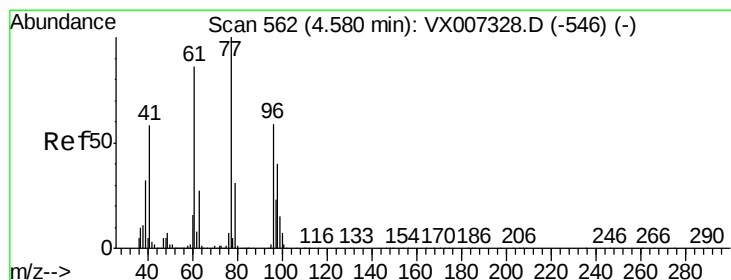
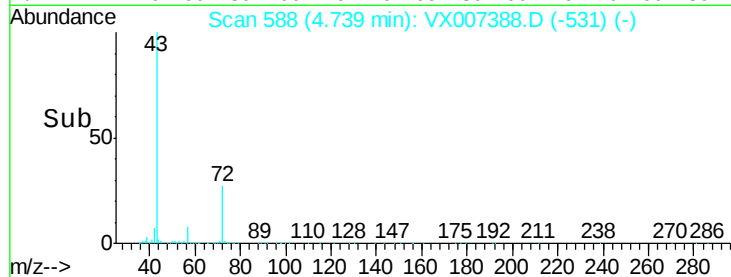
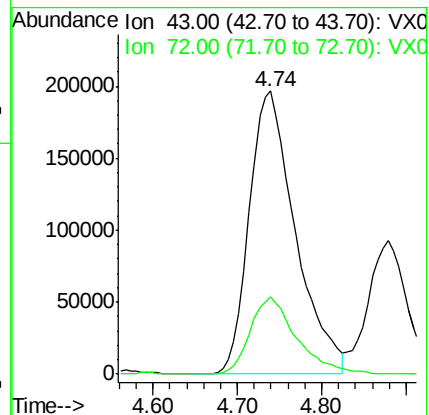
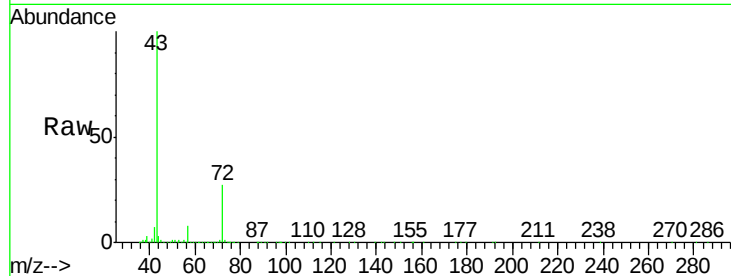
VSTDCCC050EC

Tot Ion: 43 Resp: 734229

Ion Ratio Lower Upper

43 100

72 27.2 22.2 33.2



#26

2,2-Dichloropropane

Concen: 39.907 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX007388.D

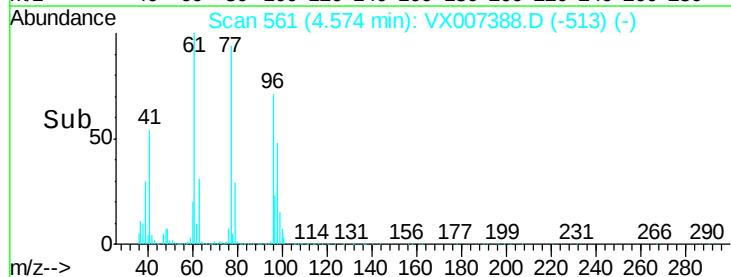
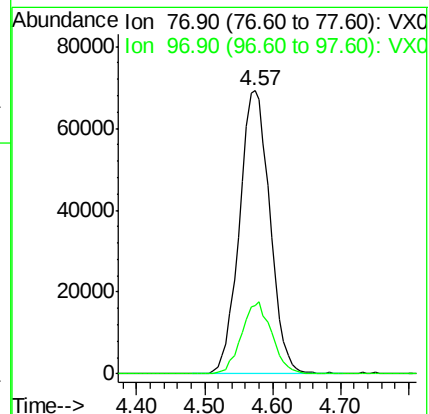
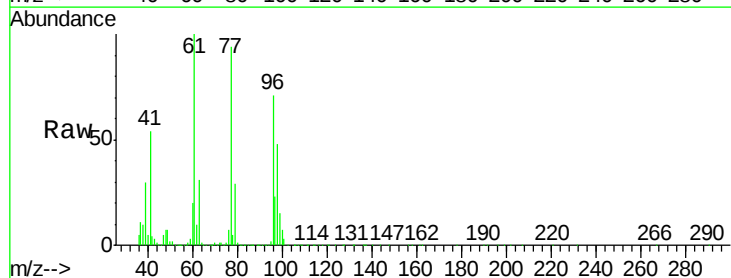
Acq: 05 Feb 2019 20:18

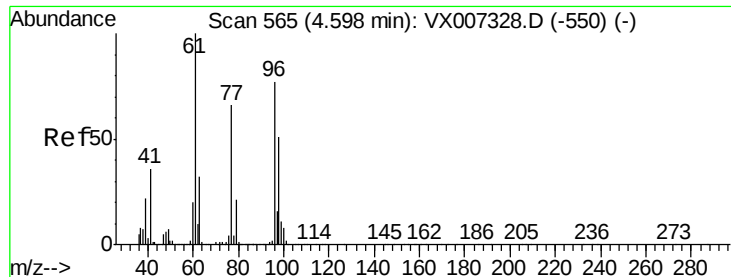
Tgt Ion: 77 Resp: 215754

Ion Ratio Lower Upper

77 100

97 25.4 12.1 36.3



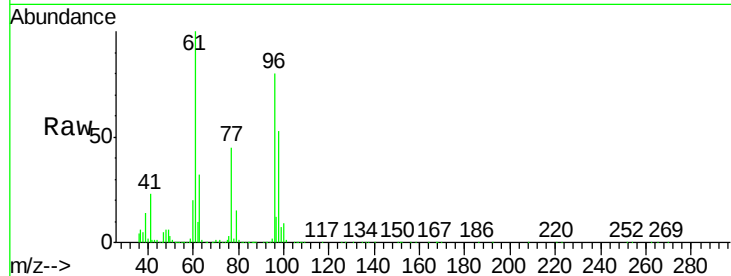


#27

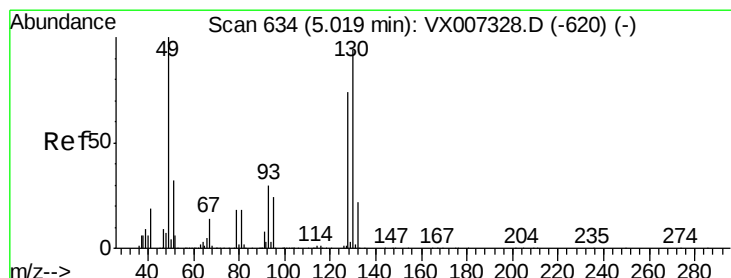
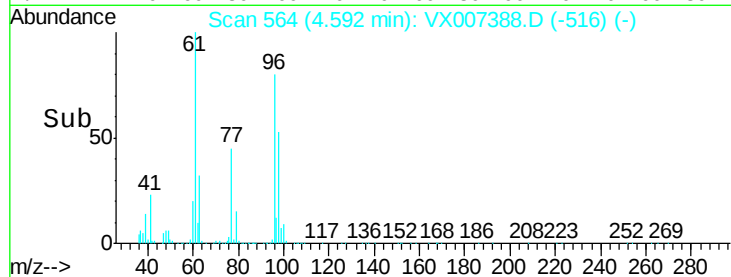
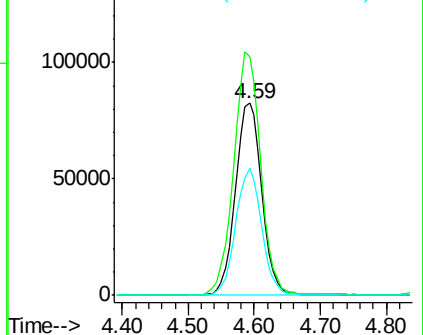
cis-1,2-Dichloroethene
Concen: 47.543 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX007388.D
Acq: 05 Feb 2019 20:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.9	0.0	265.6
98	65.3	0.0	131.6



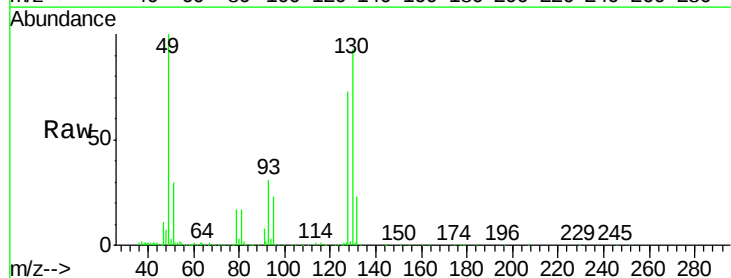
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



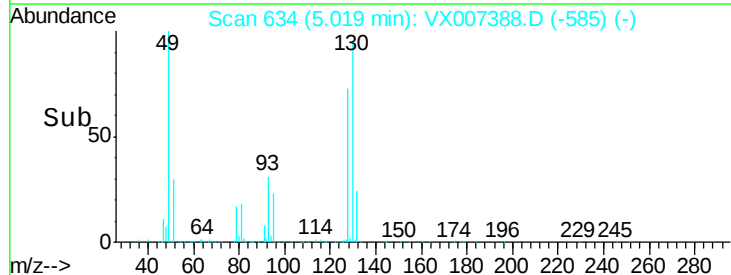
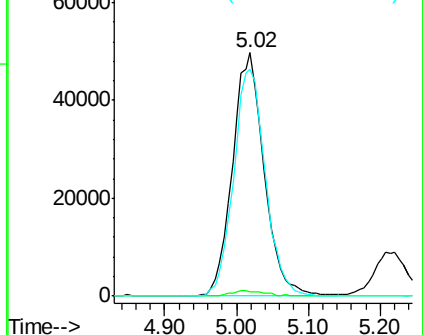
#28

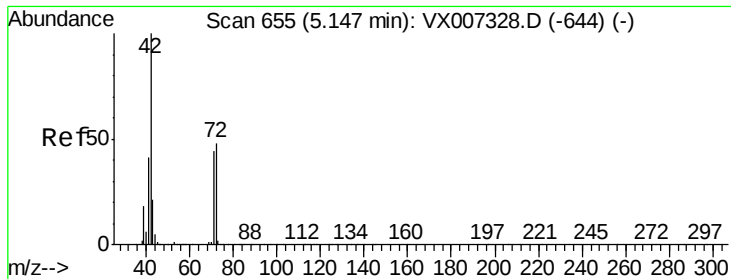
Bromochloromethane
Concen: 46.347 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007388.D
Acq: 05 Feb 2019 20:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.6
130	94.1	75.6	113.4



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

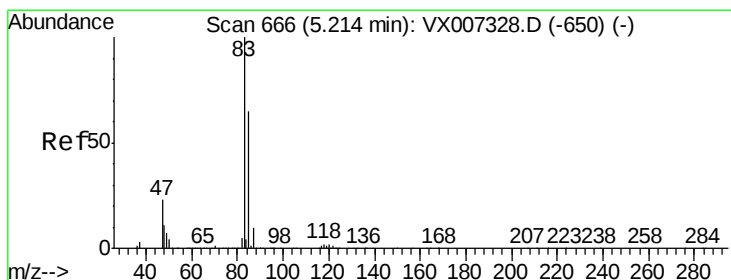
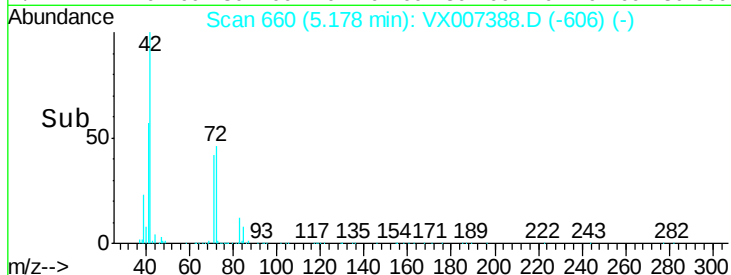
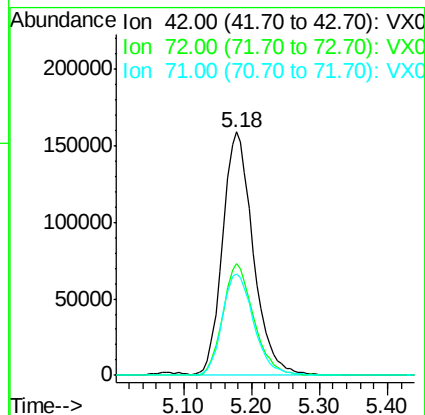
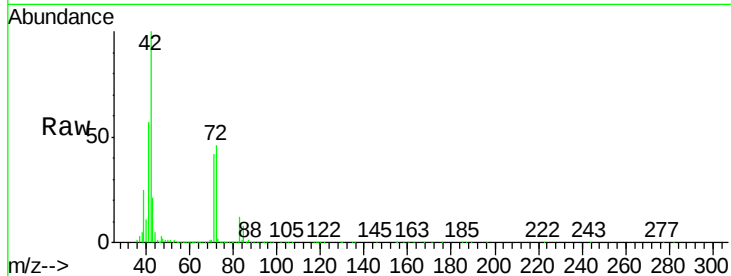




#29
Tetrahydrofuran
Concen: 262.989 ug/l
RT: 5.18 min Scan# 660
Delta R.T. 0.03 min
Lab File: VX007388.D
Acq: 05 Feb 2019 20:18

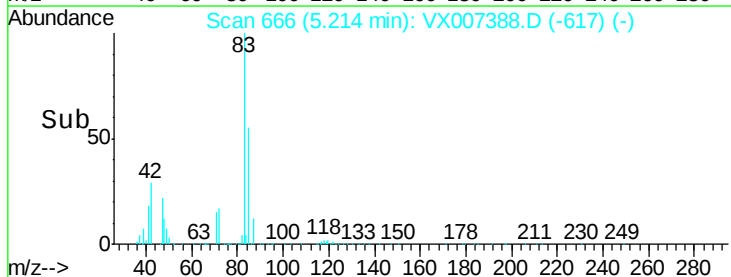
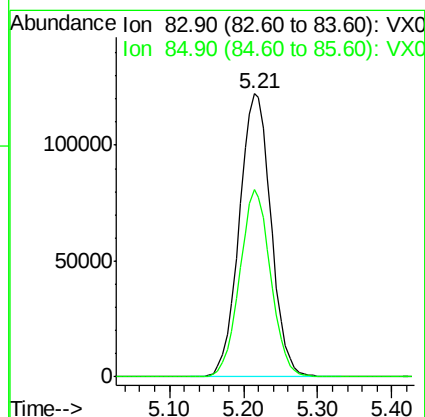
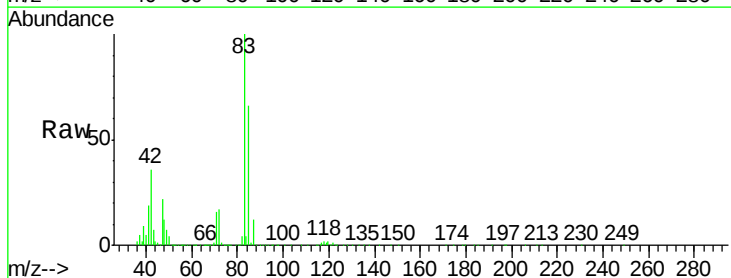
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

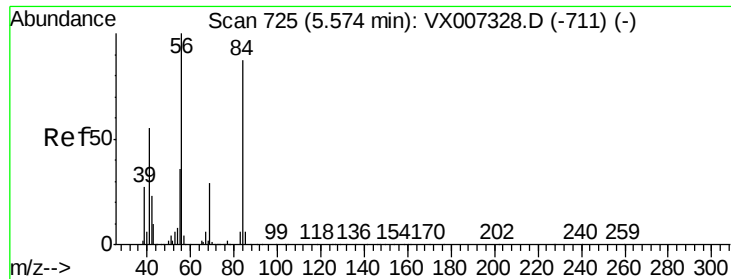
Tot Ion: 42 Resp: 494401
Ion Ratio Lower Upper
42 100
72 46.2 37.6 56.4
71 43.1 34.6 51.8



#30
Chloroform
Concen: 49.313 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007388.D
Acq: 05 Feb 2019 20:18

Tgt Ion: 83 Resp: 365312
Ion Ratio Lower Upper
83 100
85 66.3 51.6 77.4

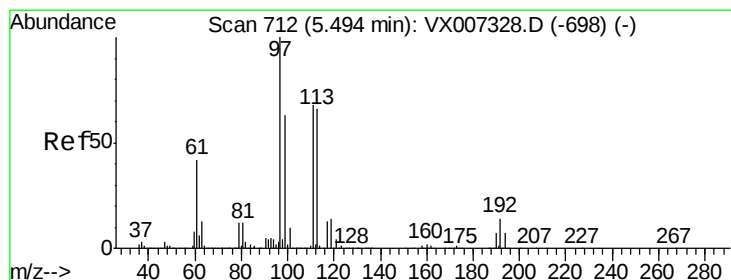
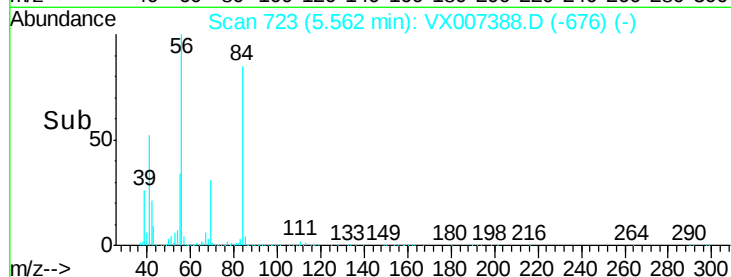
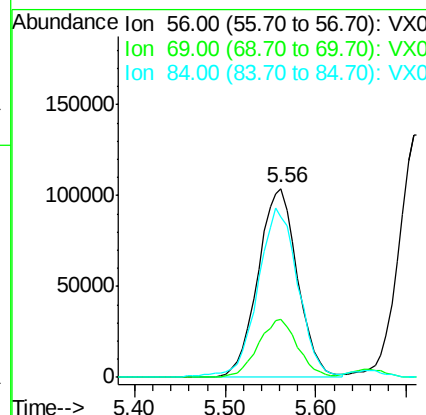
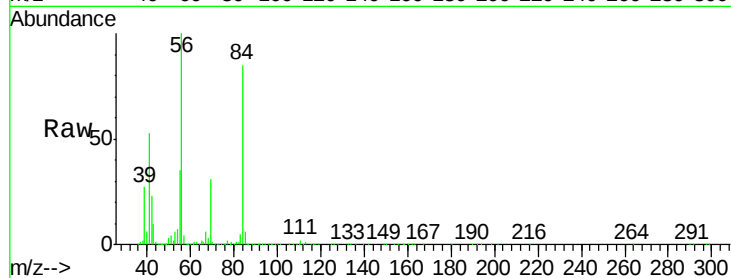




#31
Cyclohexane
Concen: 49.133 ug/l
RT: 5.56 min Scan# 723
Delta R.T. -0.01 min
Lab File: VX007388.D
Acq: 05 Feb 2019 20:18

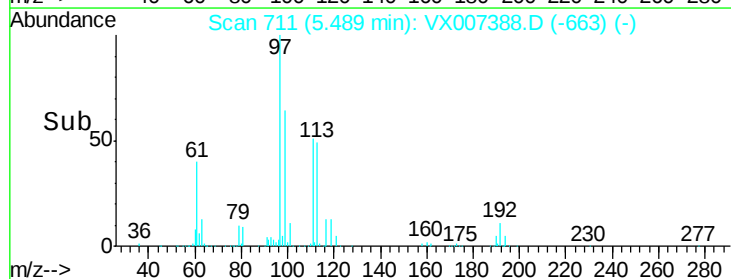
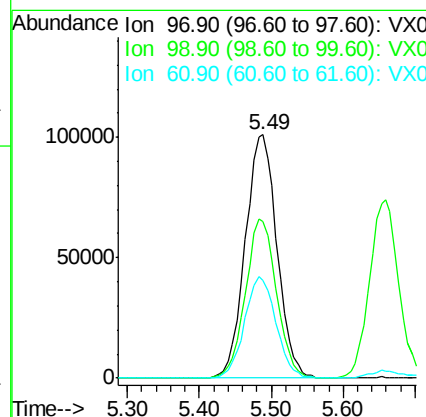
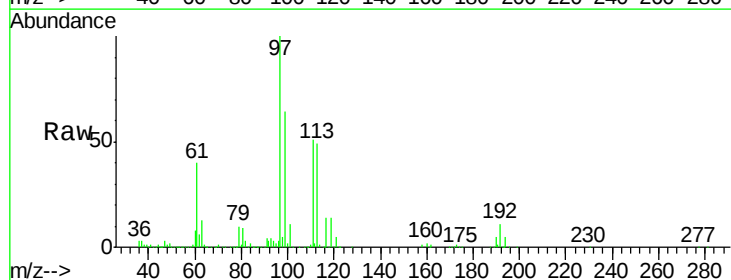
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

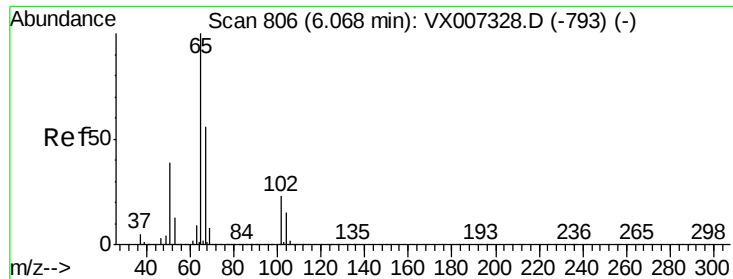
Tot Ion: 56 Resp: 313278
Ion Ratio Lower Upper
56 100
69 30.6 23.0 34.6
84 83.7 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 49.456 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX007388.D
Acq: 05 Feb 2019 20:18

Tgt Ion: 97 Resp: 309250
Ion Ratio Lower Upper
97 100
99 63.9 52.2 78.2
61 41.1 32.7 49.1

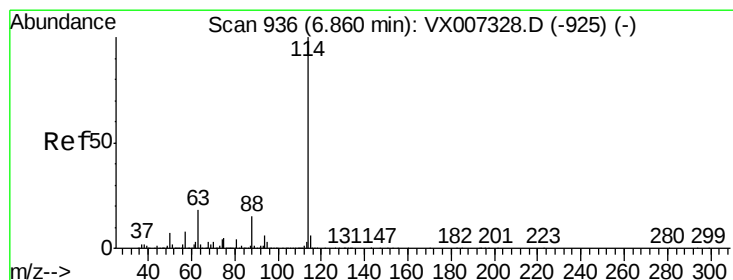
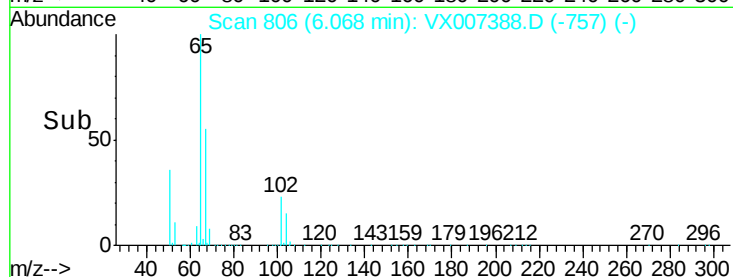
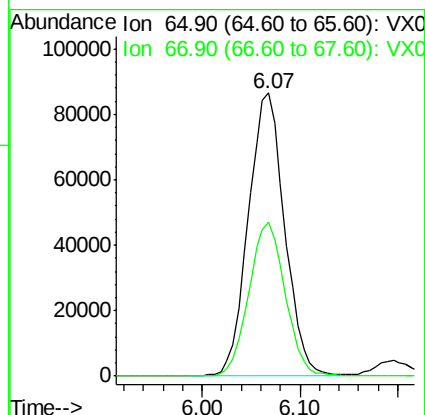
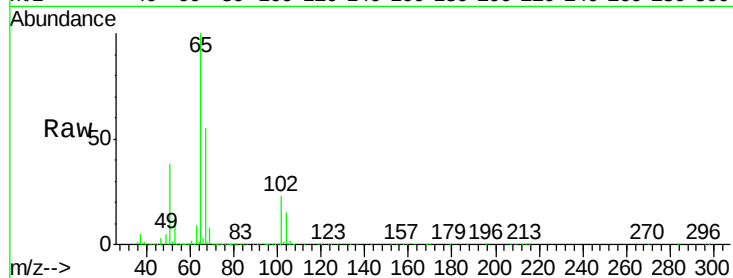




#33
 1,2-Dichloroethane-d4
 Concen: 48.523 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007388.D
 Acq: 05 Feb 2019 20:18

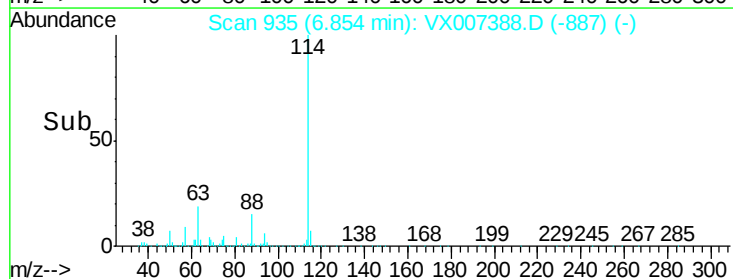
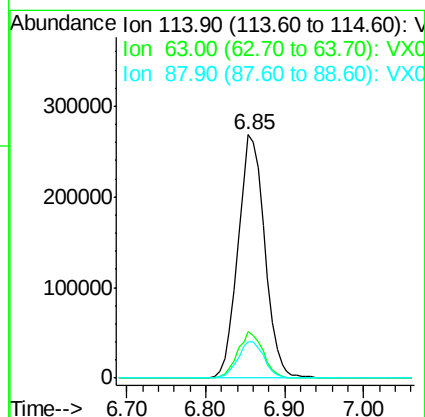
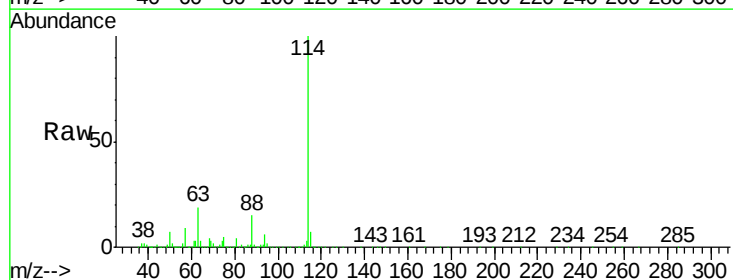
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

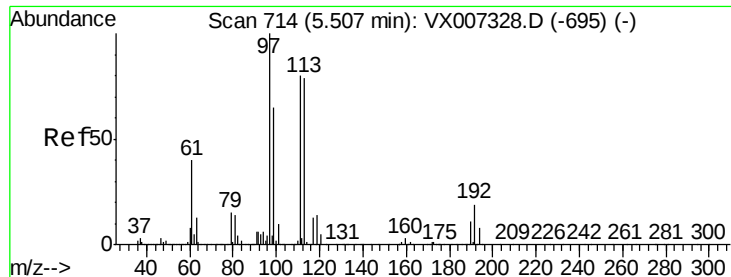
Tot Ion: 65 Resp: 222489
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX007388.D
 Acq: 05 Feb 2019 20:18

Tgt Ion: 114 Resp: 634514
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 35.6
 88 14.7 0.0 29.6

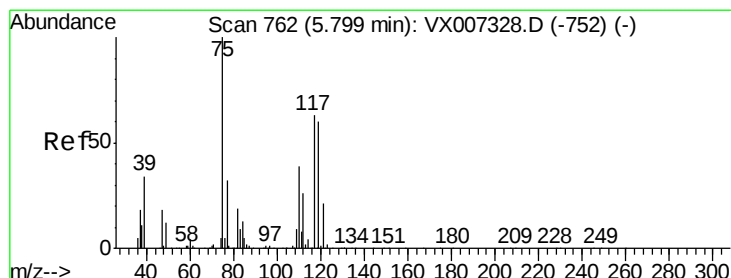
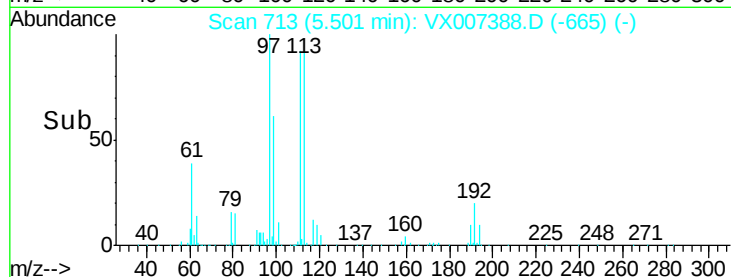
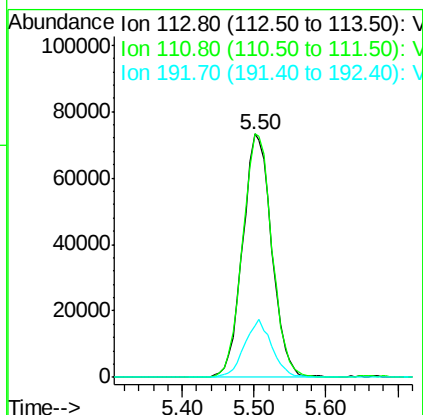
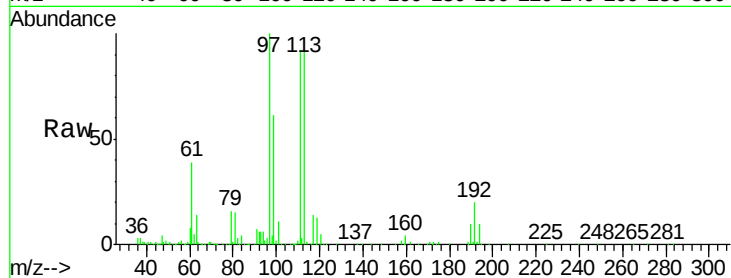




#35
 Dibromofluoromethane
 Concen: 49.807 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VX007388.D
 Acq: 05 Feb 2019 20:18

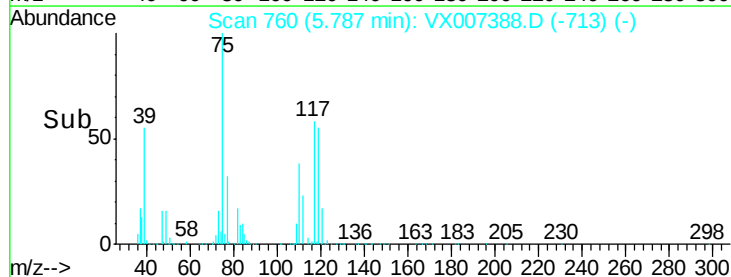
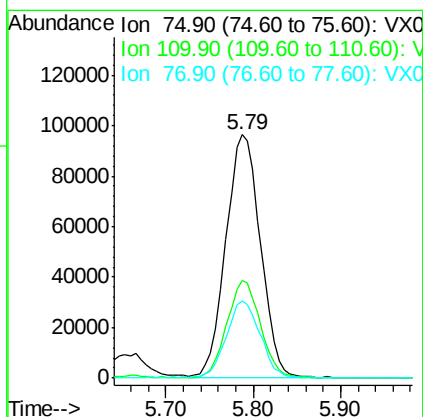
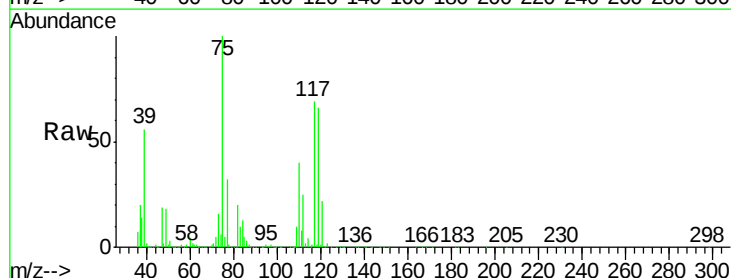
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

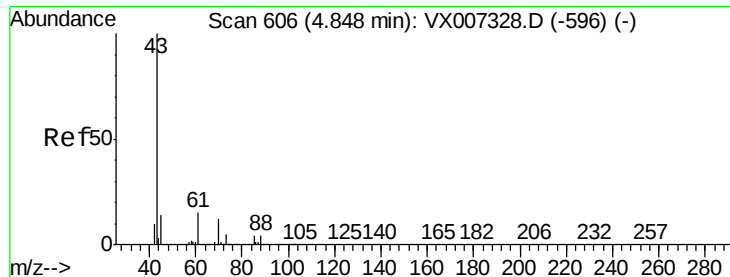
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.8	122.8
192	22.4	18.5	27.7



#36
 1,1-Dichloropropene
 Concen: 46.388 ug/l
 RT: 5.79 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: VX007388.D
 Acq: 05 Feb 2019 20:18

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.3	20.0	59.9
77	30.6	24.7	37.1

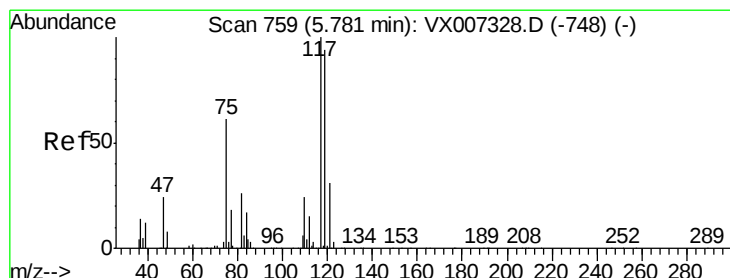
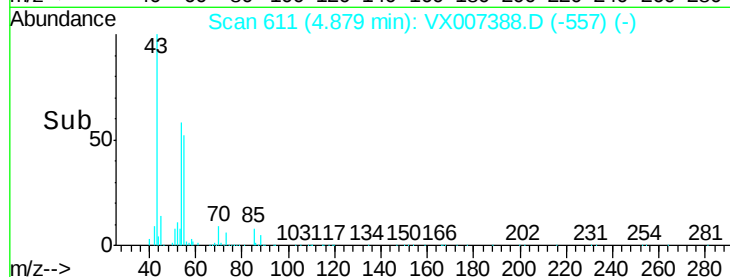
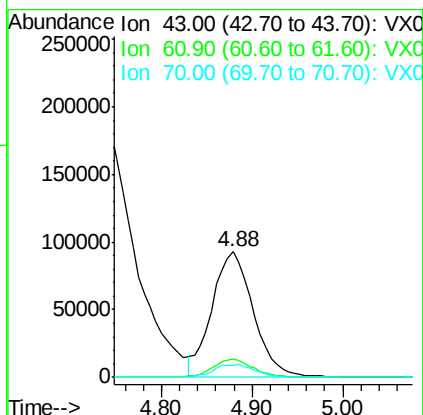
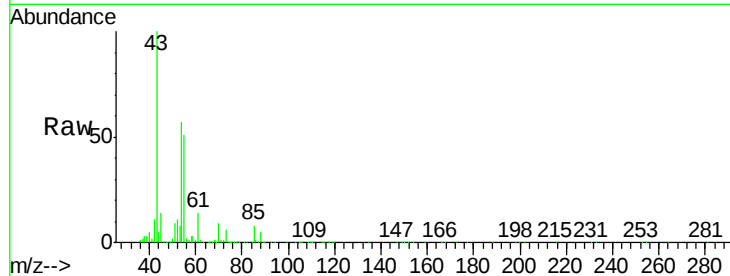




#37
Ethyl Acetate
Concen: 50.691 ug/l
RT: 4.88 min Scan# 611
Delta R.T. 0.03 min
Lab File: VX007388.D
Acq: 05 Feb 2019 20:18

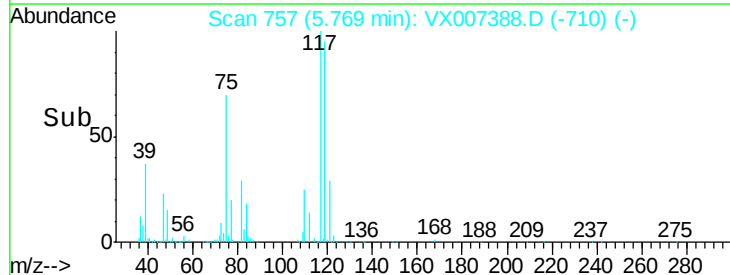
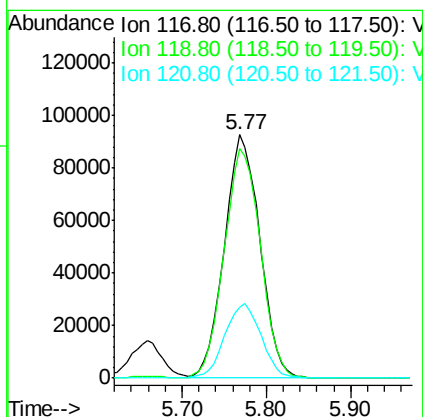
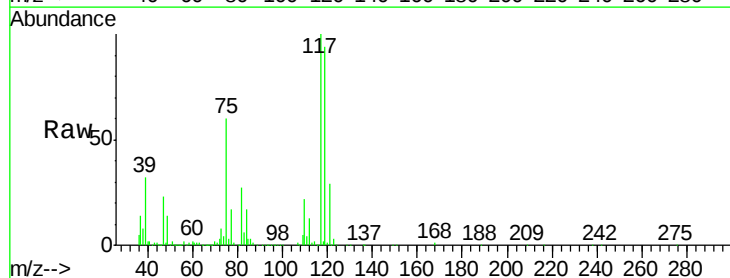
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

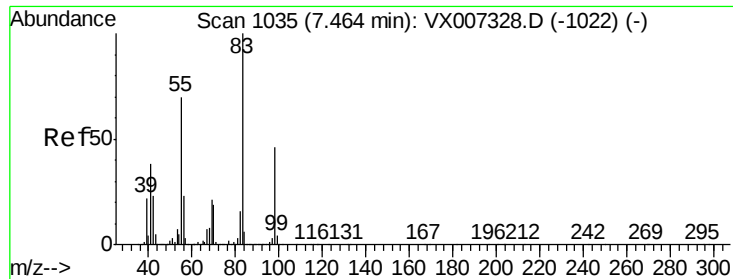
Tot Ion: 43 Resp: 291728
Ion Ratio Lower Upper
43 100
61 13.9 11.3 16.9
70 10.7 8.6 13.0



#38
Carbon Tetrachloride
Concen: 48.065 ug/l
RT: 5.77 min Scan# 757
Delta R.T. -0.01 min
Lab File: VX007388.D
Acq: 05 Feb 2019 20:18

Tgt Ion: 117 Resp: 265474
Ion Ratio Lower Upper
117 100
119 94.2 75.3 112.9
121 29.1 25.0 37.4

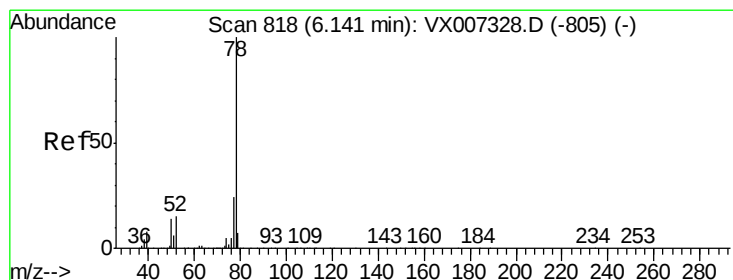
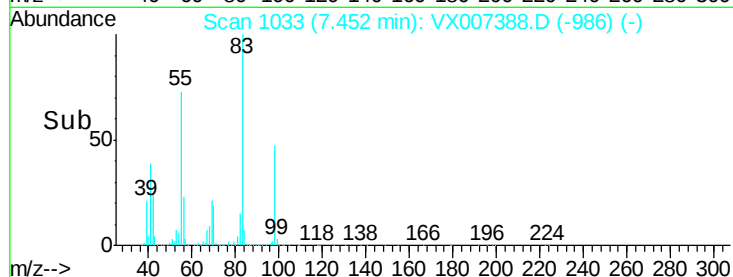
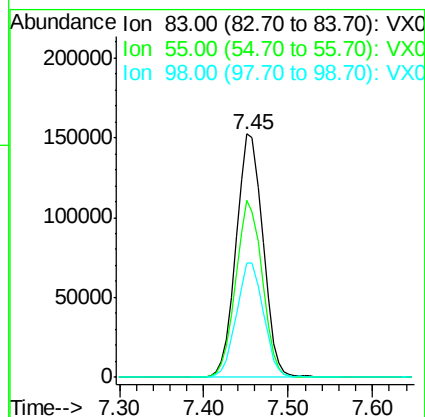
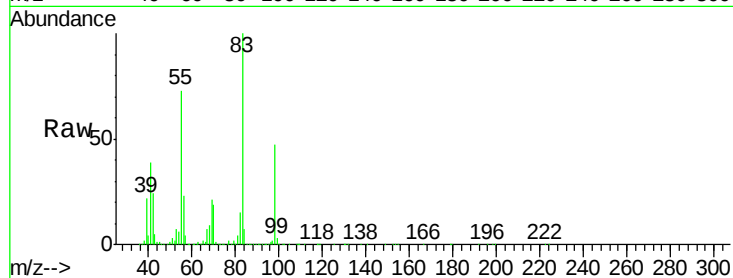




#39
Methvlcvclohexane
Concen: 47.543 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX007388.D
Acq: 05 Feb 2019 20:18

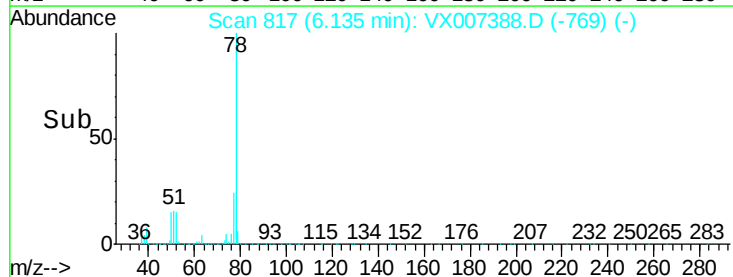
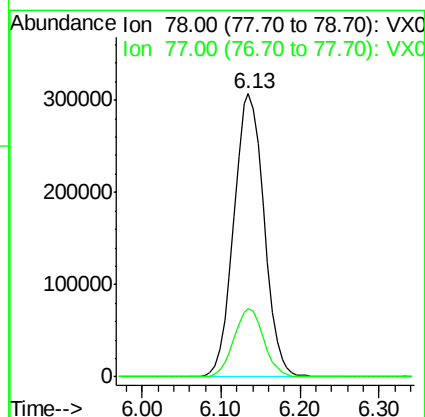
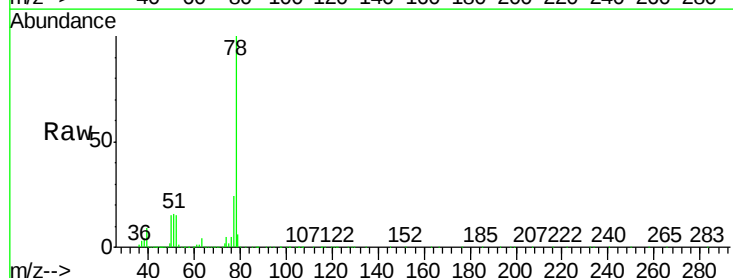
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

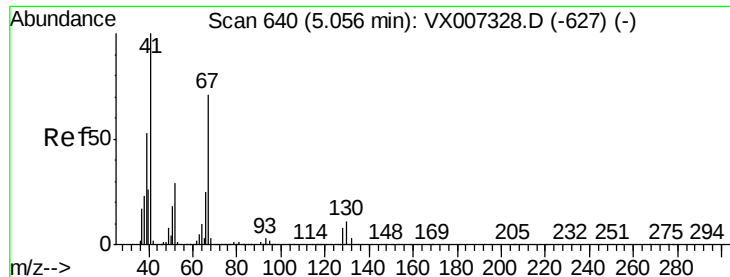
Tot Ion: 83 Resp: 327482
Ion Ratio Lower Upper
83 100
55 72.8 56.2 84.2
98 46.9 36.8 55.2



#40
Benzene
Concen: 48.856 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX007388.D
Acq: 05 Feb 2019 20:18

Tgt Ion: 78 Resp: 819324
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9





#41

Methacrylonitrile

Concen: 48.829 ug/l

RT: 5.08 min Scan# 644

Delta R.T. 0.02 min

Lab File: VX007388.D

Acq: 05 Feb 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 150608

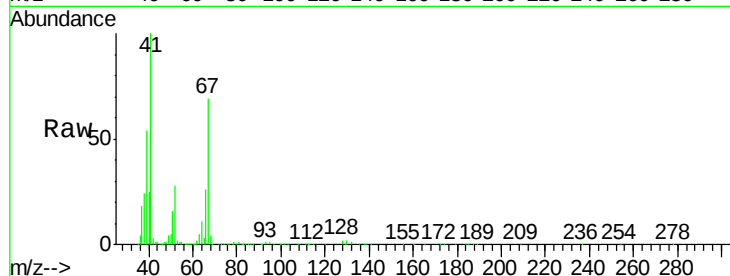
Ion Ratio Lower Upper

41 100

39 54.2 44.5 66.7

67 79.4 60.4 90.6

52 29.6 24.1 36.1

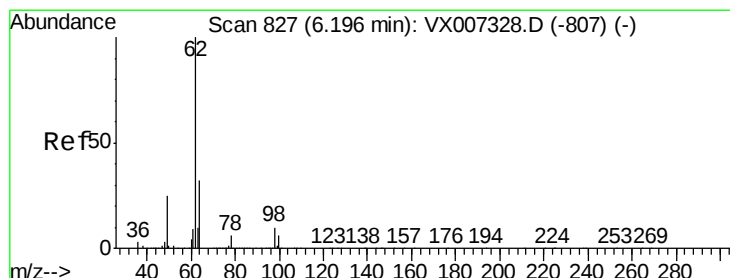
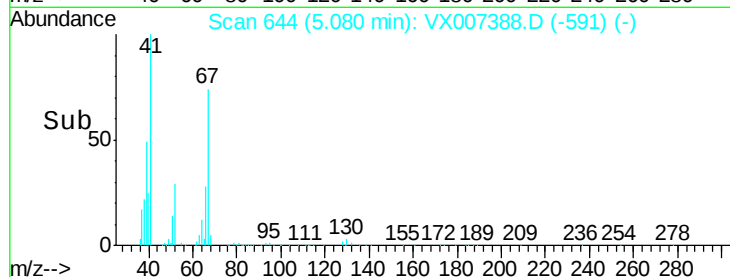
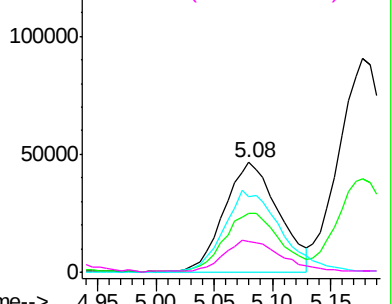


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 47.913 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX007388.D

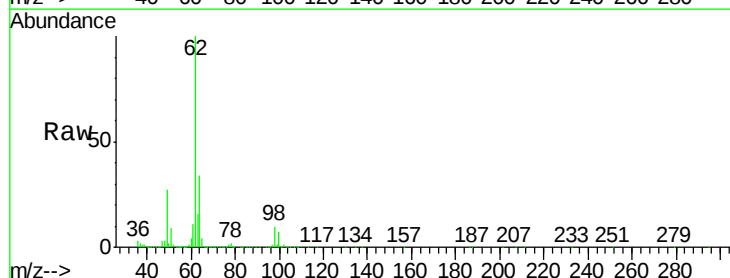
Acq: 05 Feb 2019 20:18

Tgt Ion: 62 Resp: 278012

Ion Ratio Lower Upper

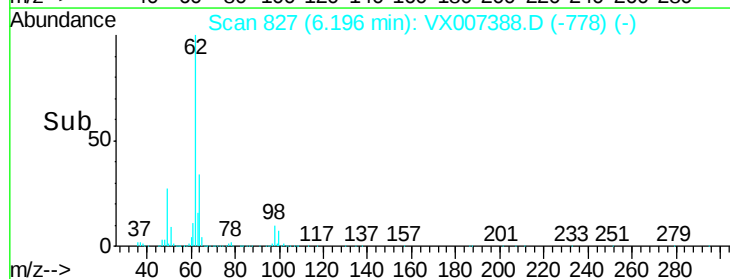
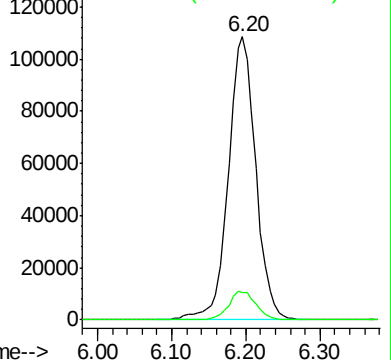
62 100

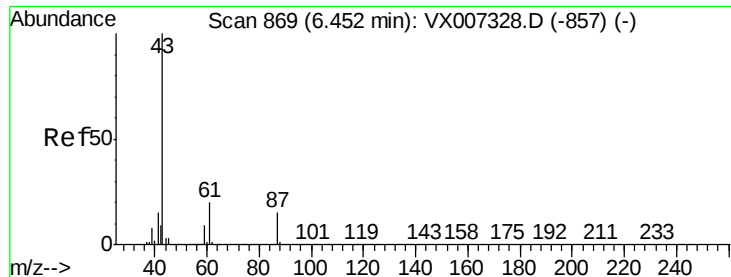
98 10.1 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



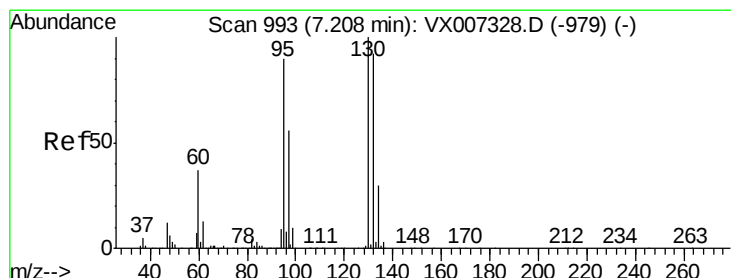
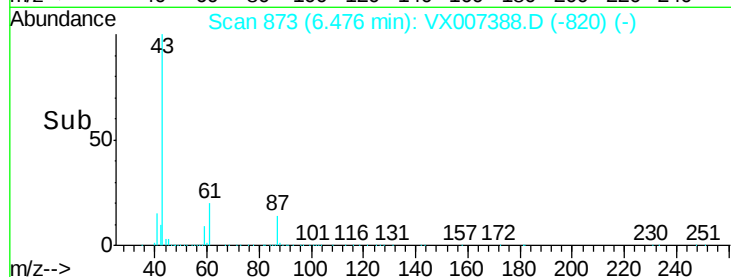
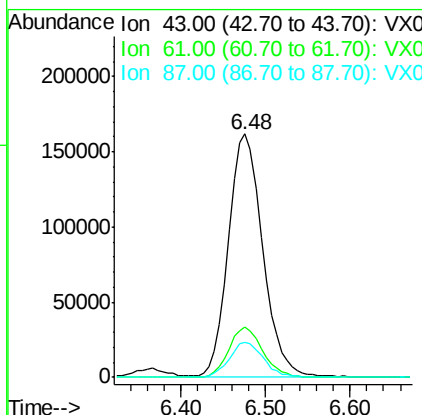
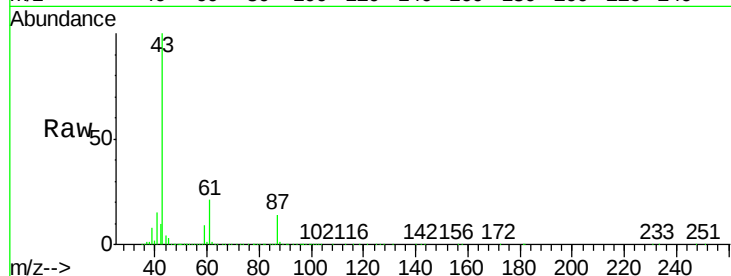


#43

Isopropyl Acetate
 Concen: 50.127 ug/l
 RT: 6.48 min Scan# 873
 Delta R.T. 0.02 min
 Lab File: VX007388.D
 Acq: 05 Feb 2019 20:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

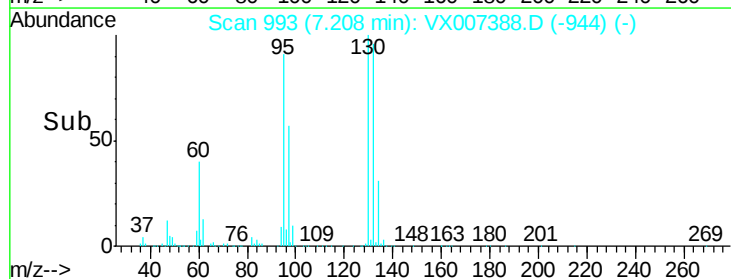
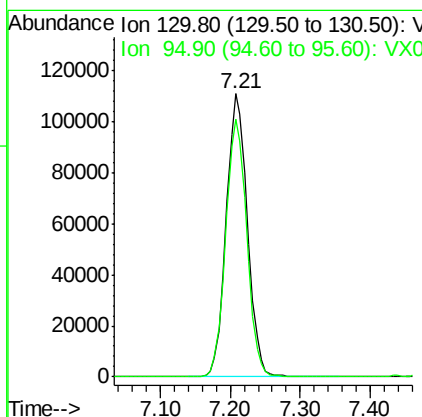
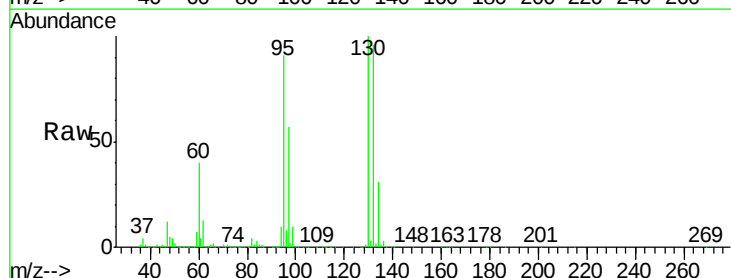
Tot Ion: 43 Resp: 445281
 Ion Ratio Lower Upper
 43 100
 61 20.4 16.1 24.1
 87 14.4 11.5 17.3

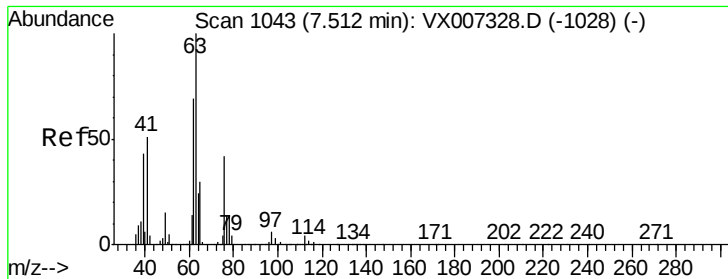


#44

Trichloroethene
 Concen: 46.240 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VX007388.D
 Acq: 05 Feb 2019 20:18

Tgt Ion: 130 Resp: 233549
 Ion Ratio Lower Upper
 130 100
 95 91.0 0.0 180.0





#45

1,2-Dichloropropane

Concen: 49.026 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX007388.D

Acq: 05 Feb 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

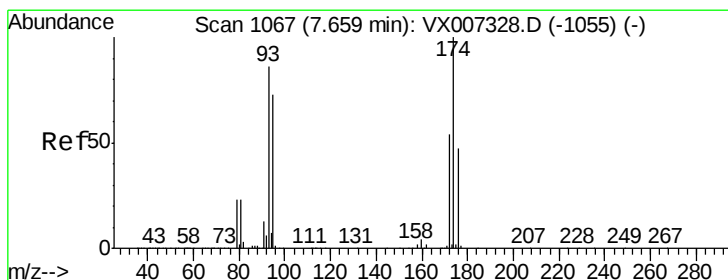
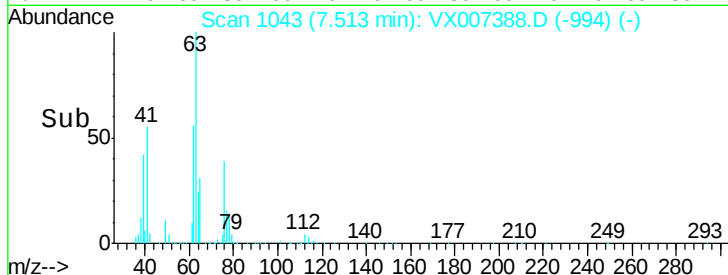
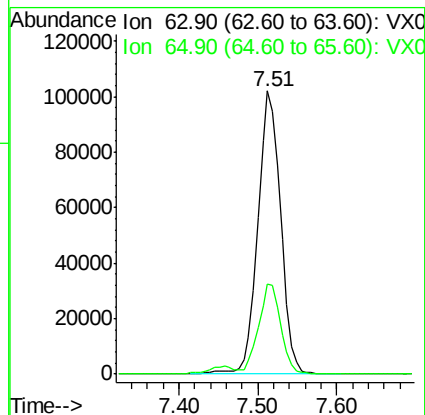
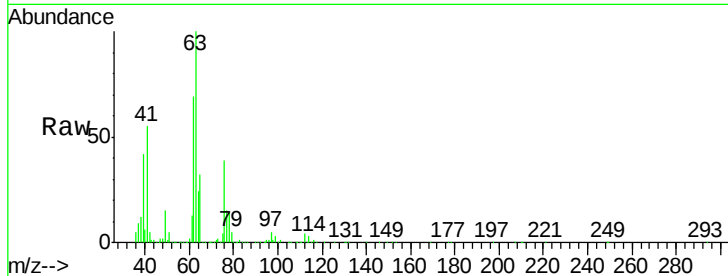
VSTDCCC050EC

Tot Ion: 63 Resp: 205997

Ion Ratio Lower Upper

63 100

65 31.9 24.2 36.2



#46

Dibromomethane

Concen: 46.302 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX007388.D

Acq: 05 Feb 2019 20:18

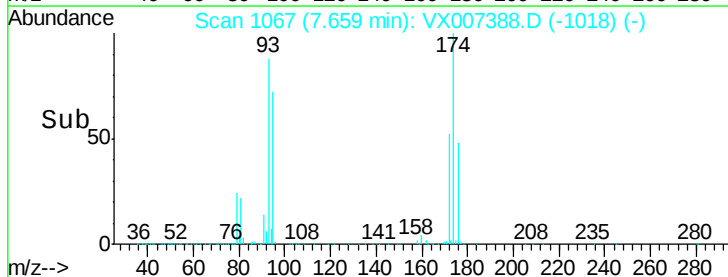
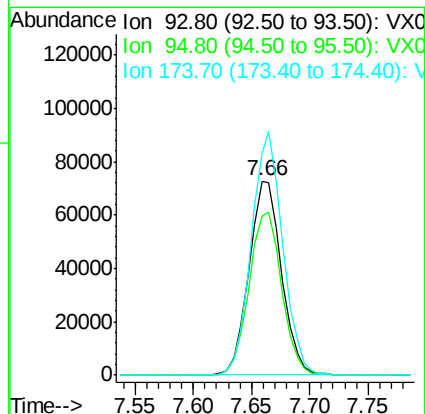
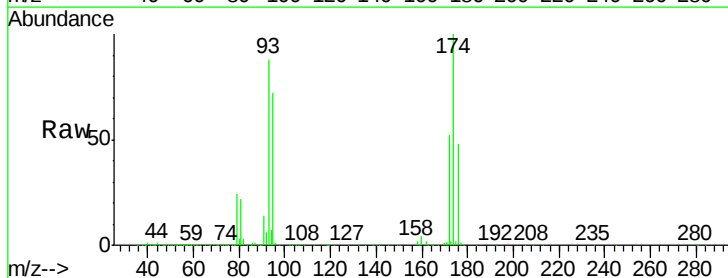
Tgt Ion: 93 Resp: 141402

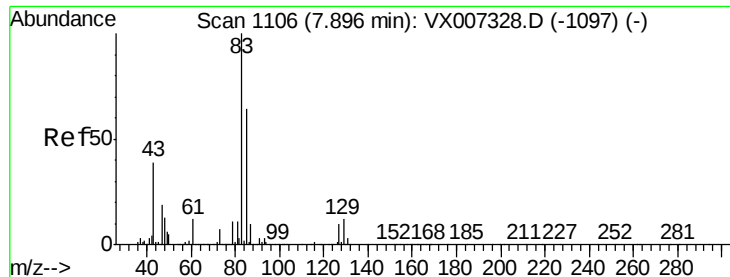
Ion Ratio Lower Upper

93 100

95 84.9 67.6 101.4

174 121.1 94.2 141.4





#47

Bromodichloromethane

Concen: 47.762 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX007388.D

Acq: 05 Feb 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

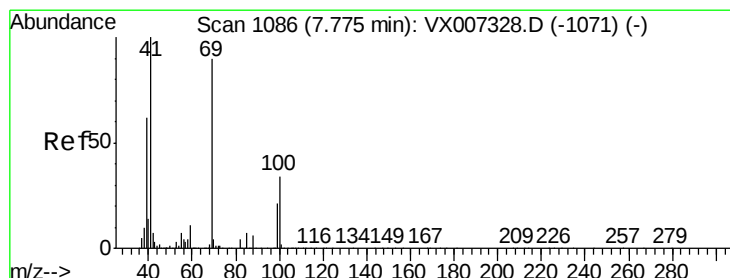
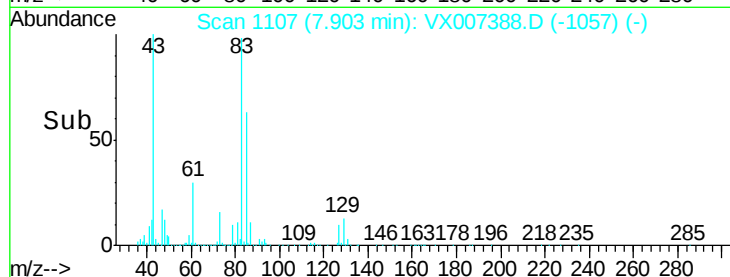
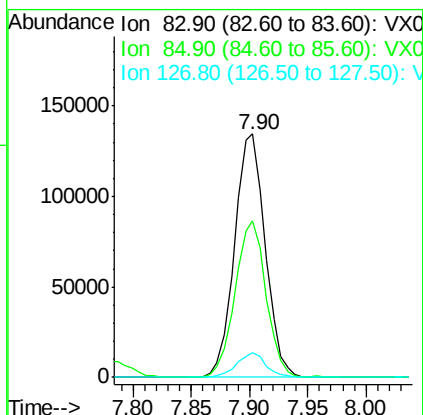
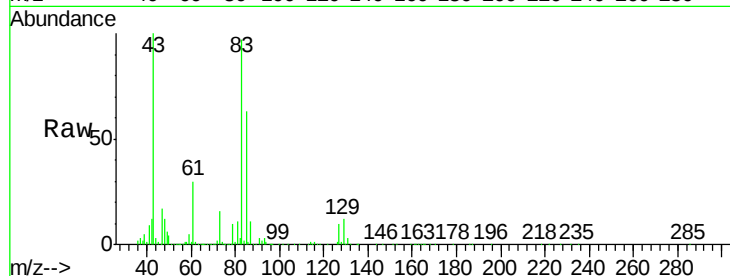
Tot Ion: 83 Resp: 247198

Ion Ratio Lower Upper

83 100

85 64.5 51.4 77.0

127 10.0 8.1 12.1



#48

Methyl methacrylate

Concen: 51.596 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.01 min

Lab File: VX007388.D

Acq: 05 Feb 2019 20:18

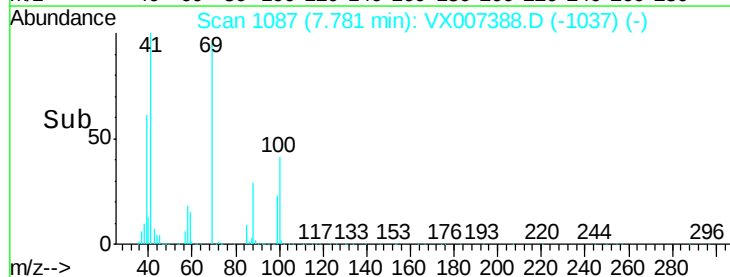
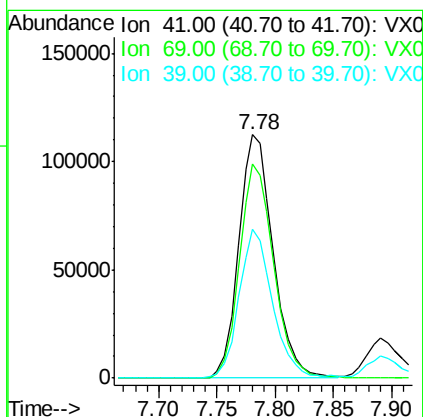
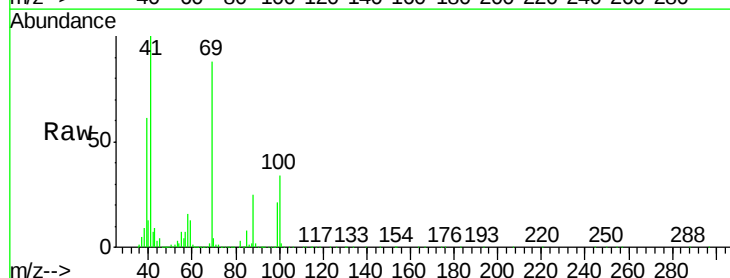
Tgt Ion: 41 Resp: 229251

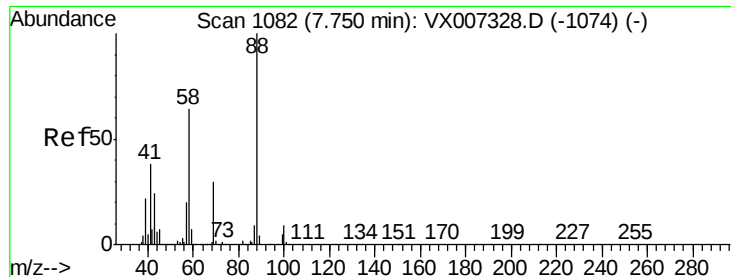
Ion Ratio Lower Upper

41 100

69 88.1 70.2 105.4

39 59.1 47.4 71.0





#49

1,4-Dioxane

Concen: 1073.848 ug/l

RT: 7.79 min Scan# 1089

Delta R.T. 0.04 min

Lab File: VX007388.D

Acq: 05 Feb 2019 20:18

Instrument :

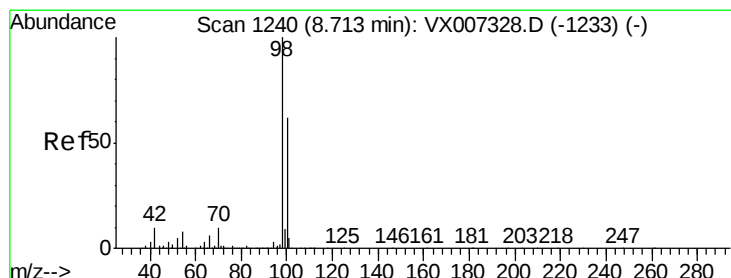
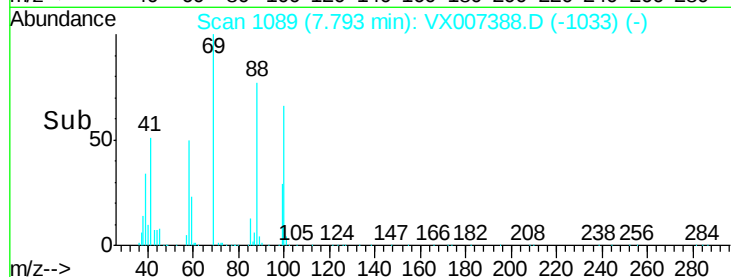
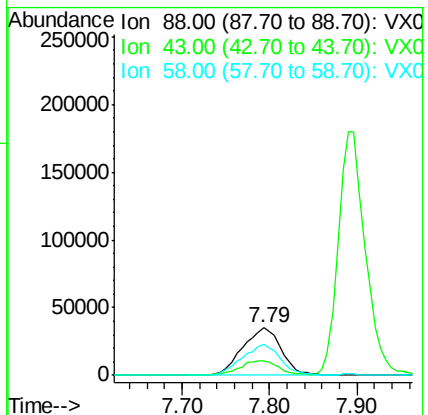
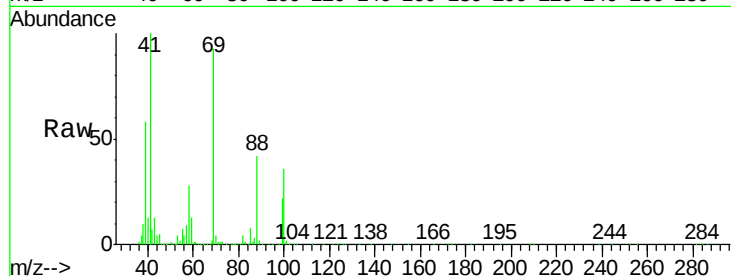
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 88 Resp: 108561

Ion	Ratio	Lower	Upper
88	100		
43	28.9	24.2	36.4
58	64.1	53.0	79.4



#50

Toluene-d8

Concen: 50.755 ug/l

RT: 8.71 min Scan# 1240

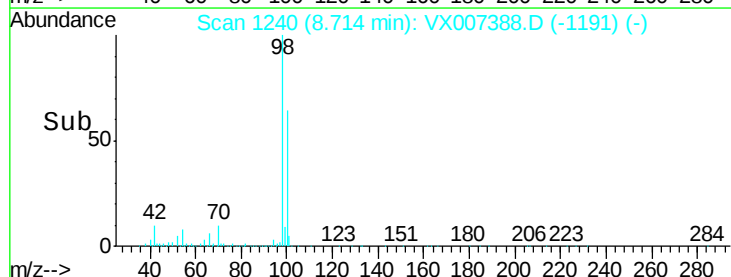
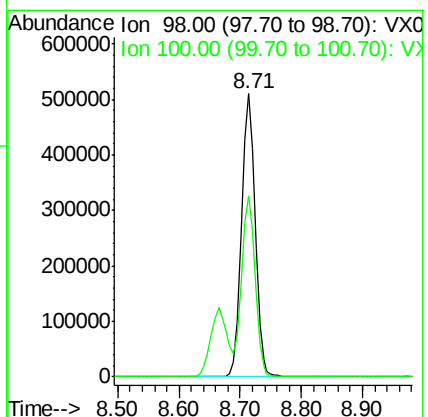
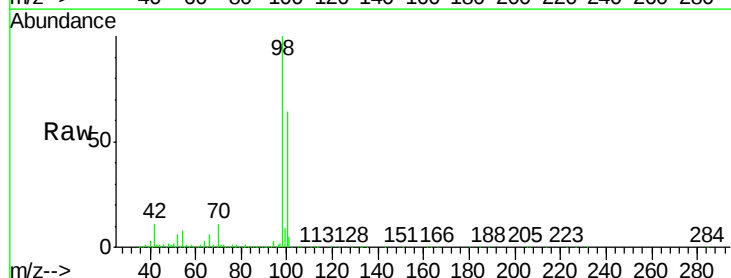
Delta R.T. 0.00 min

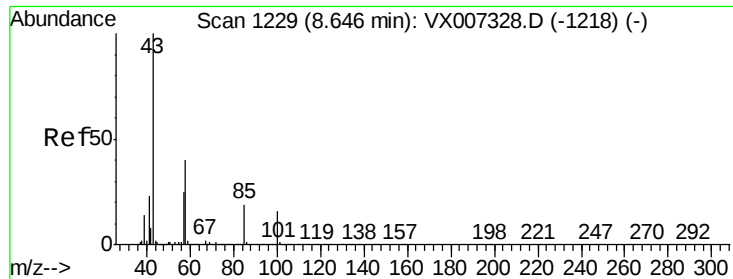
Lab File: VX007388.D

Acq: 05 Feb 2019 20:18

Tgt Ion: 98 Resp: 777450

Ion	Ratio	Lower	Upper
98	100		
100	63.1	51.6	77.4

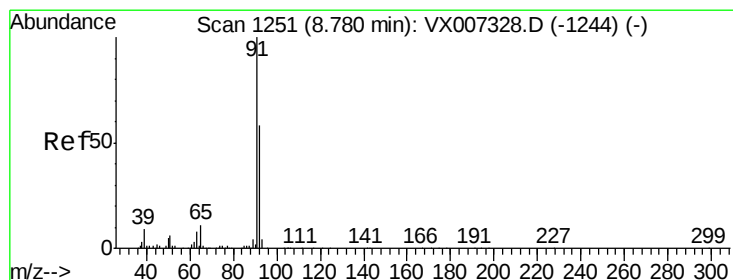
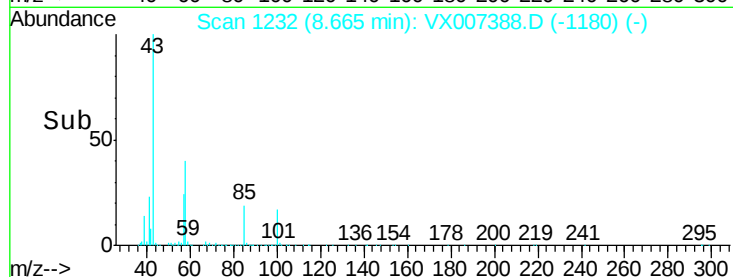
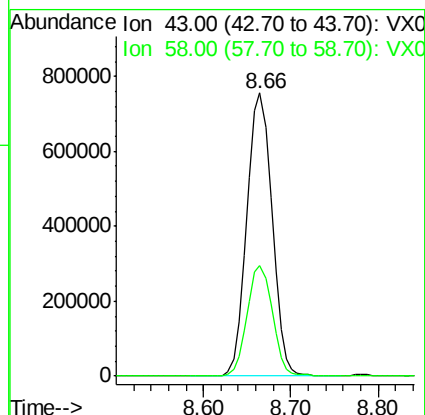
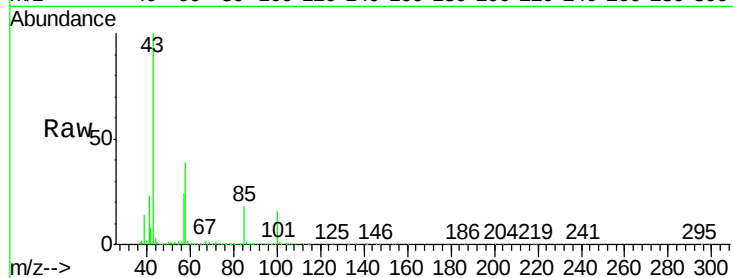




#51
 4-Methyl-2-Pentanone
 Concen: 259.812 ug/l
 RT: 8.66 min Scan# 1232
 Delta R.T. 0.02 min
 Lab File: VX007388.D
 Acq: 05 Feb 2019 20:18

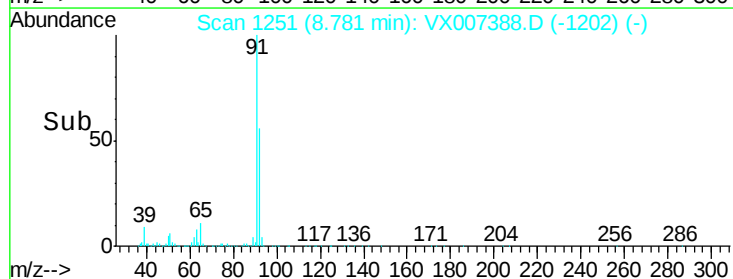
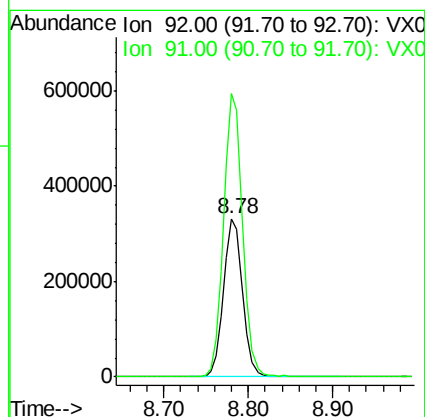
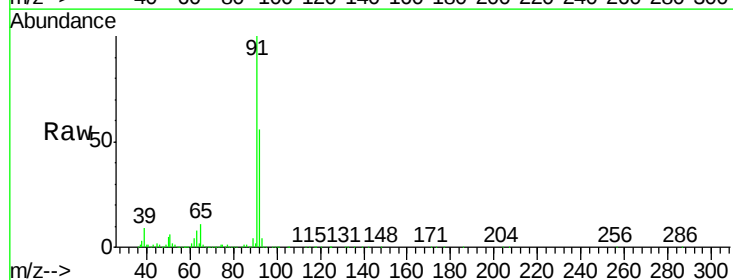
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

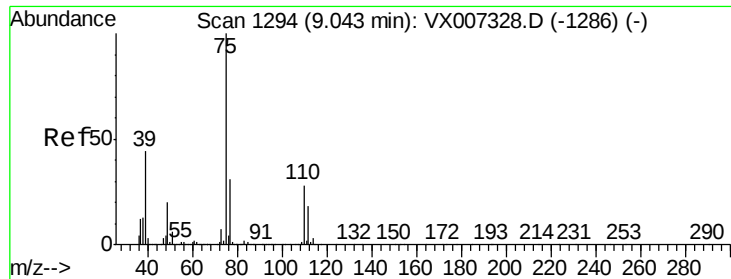
Tot Ion: 43 Resp: 1519303
 Ion Ratio Lower Upper
 43 100
 58 39.3 31.2 46.8



#52
 Toluene
 Concen: 47.985 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VX007388.D
 Acq: 05 Feb 2019 20:18

Tgt Ion: 92 Resp: 519192
 Ion Ratio Lower Upper
 92 100
 91 178.8 139.1 208.7

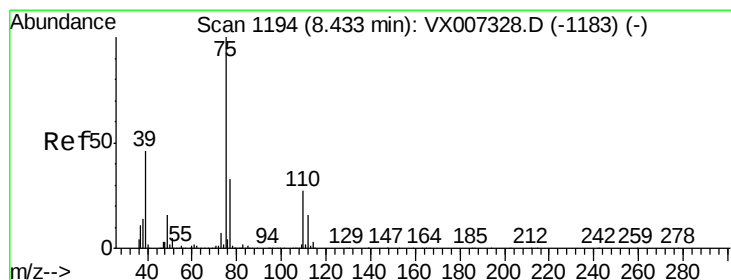
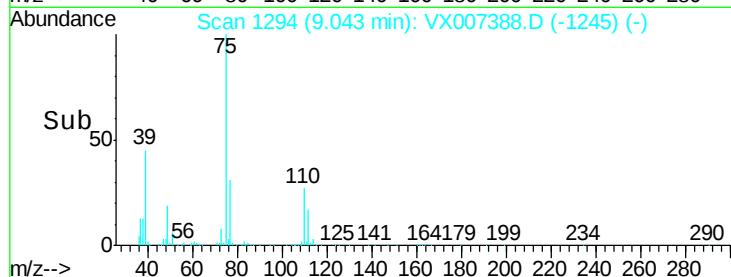
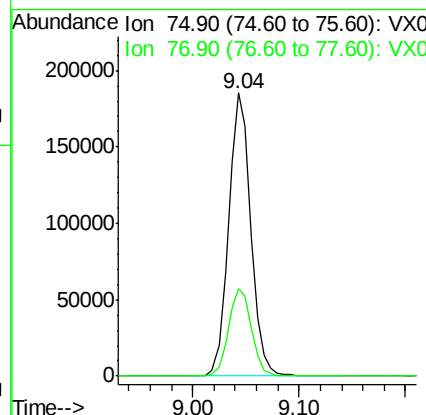
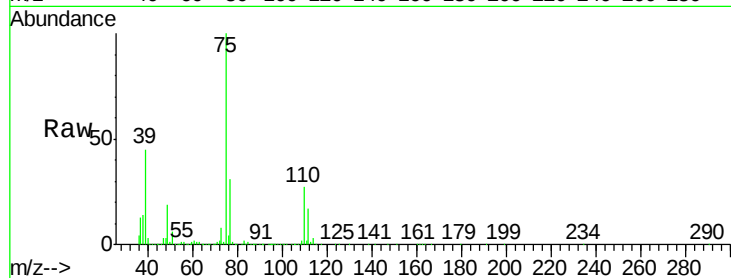




#53
 t-1,3-Dichloropropene
 Concen: 48.471 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX007388.D
 Acq: 05 Feb 2019 20:18

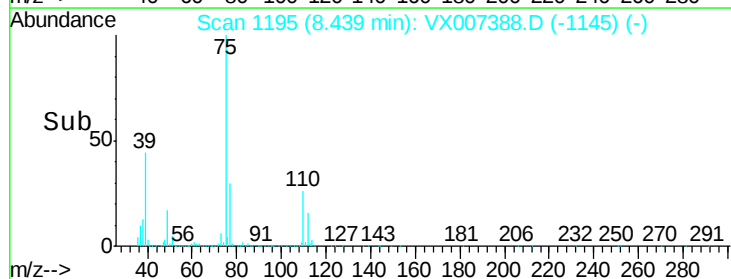
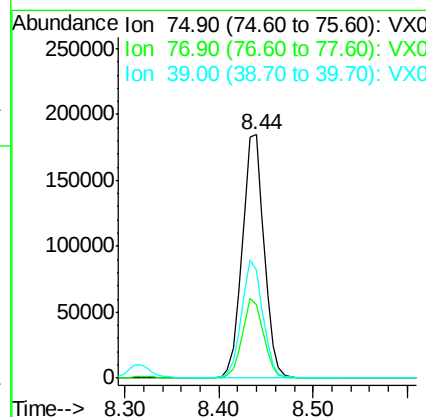
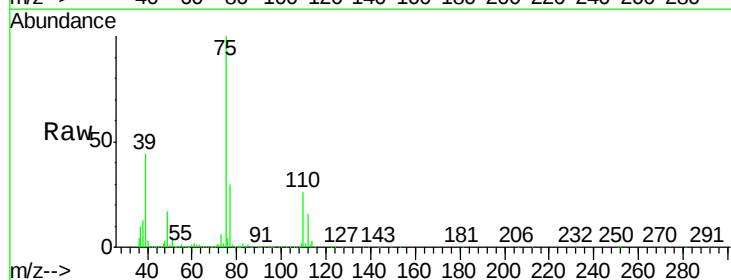
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

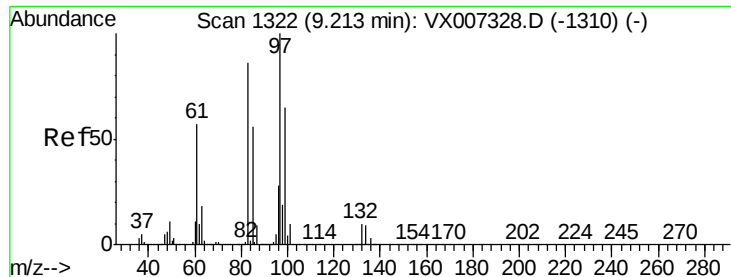
Tot Ion: 75 Resp: 269471
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 48.823 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX007388.D
 Acq: 05 Feb 2019 20:18

Tgt Ion: 75 Resp: 298493
 Ion Ratio Lower Upper
 75 100
 77 29.9 26.2 39.4
 39 44.0 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 49.123 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VX007388.D

Acq: 05 Feb 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 221554

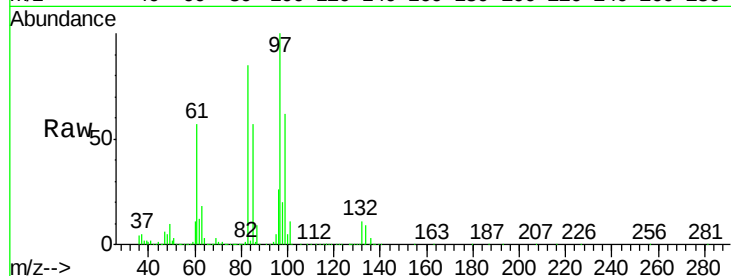
Ion Ratio Lower Upper

97 100

83 85.4 68.6 102.8

85 56.6 44.5 66.7

99 62.3 52.2 78.4

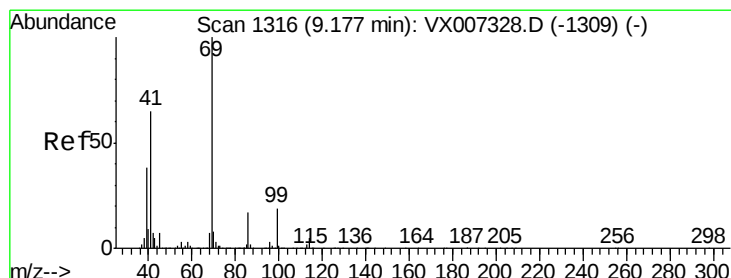
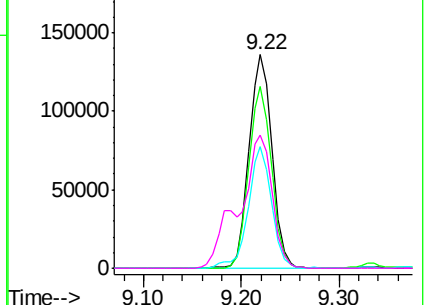
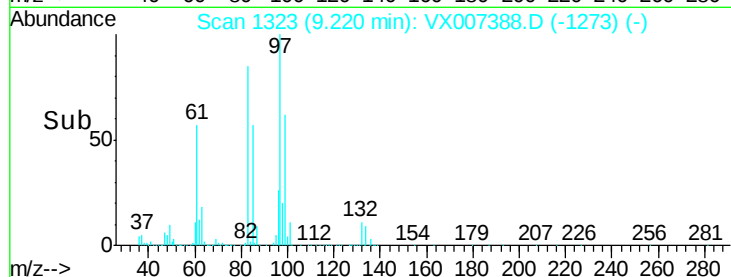


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 50.842 ug/l

RT: 9.19 min Scan# 1318

Delta R.T. 0.01 min

Lab File: VX007388.D

Acq: 05 Feb 2019 20:18

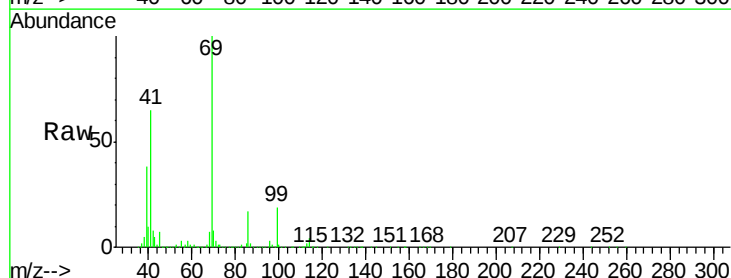
Tgt Ion: 69 Resp: 317596

Ion Ratio Lower Upper

69 100

41 64.4 52.1 78.1

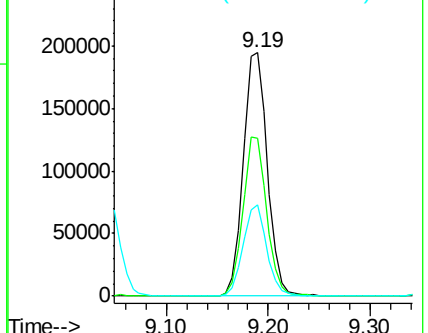
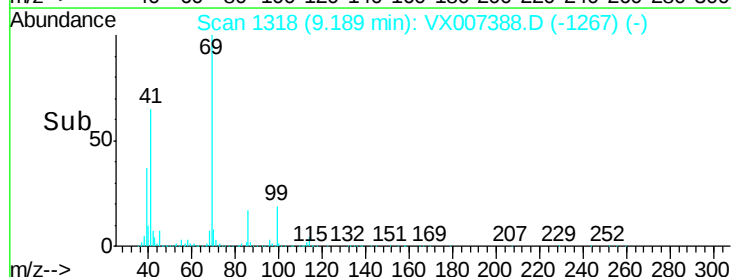
39 36.5 30.1 45.1

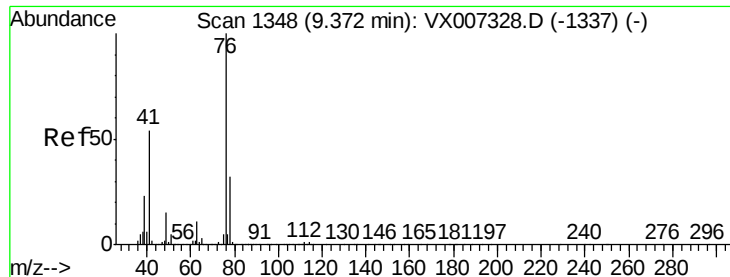


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

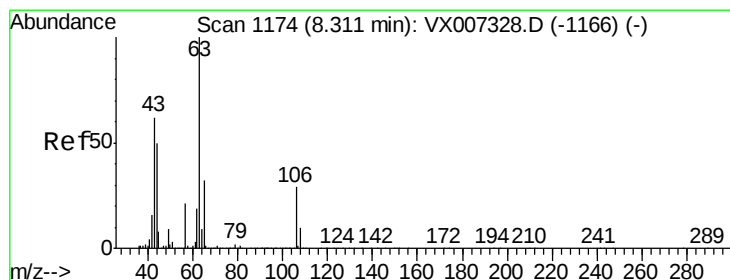
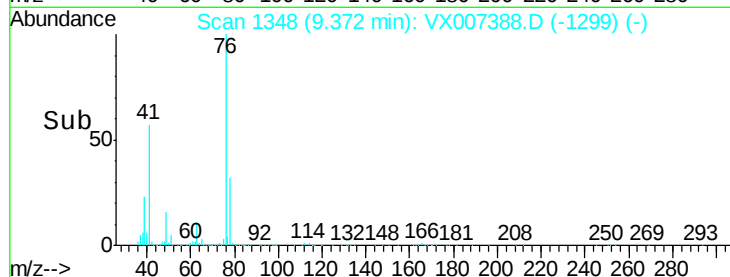
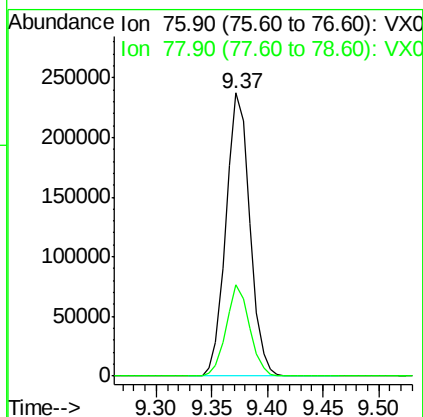
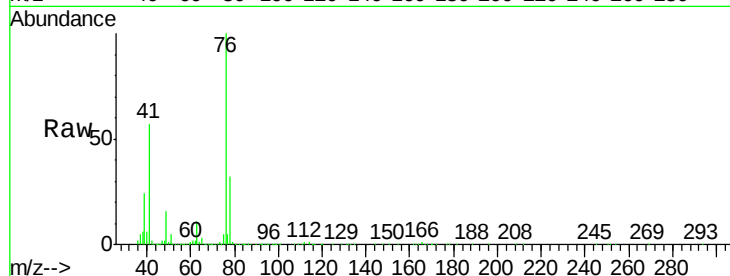




#57
 1,3-Dichloropropane
 Concen: 49.217 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX007388.D
 Acq: 05 Feb 2019 20:18

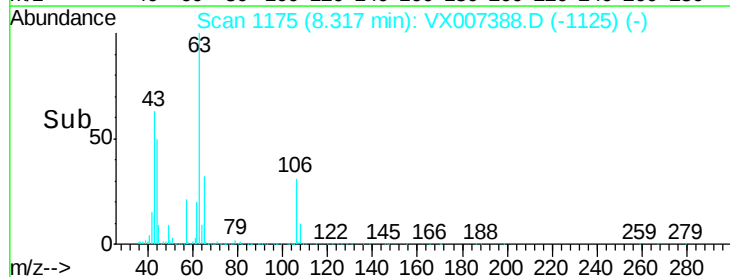
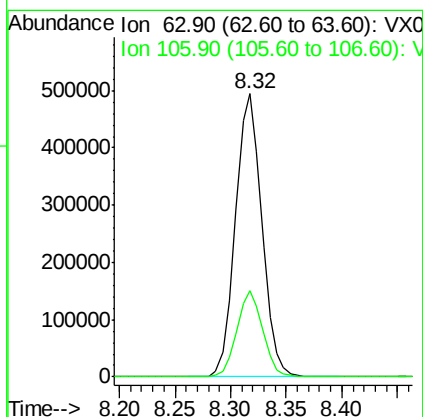
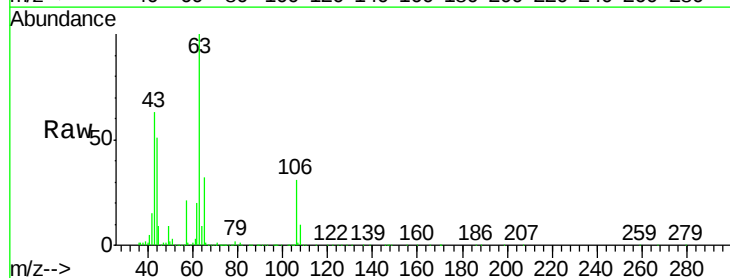
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

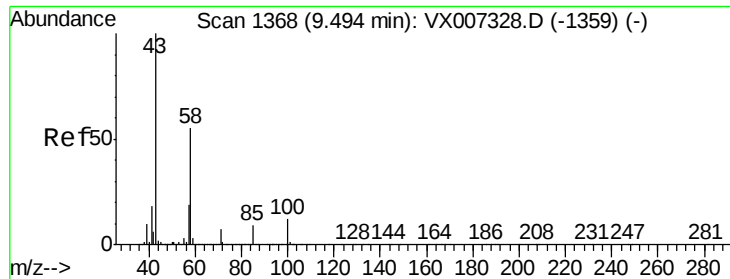
Tot Ion: 76 Resp: 353012
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 246.630 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX007388.D
 Acq: 05 Feb 2019 20:18

Tgt Ion: 63 Resp: 812036
 Ion Ratio Lower Upper
 63 100
 106 29.7 23.6 35.4

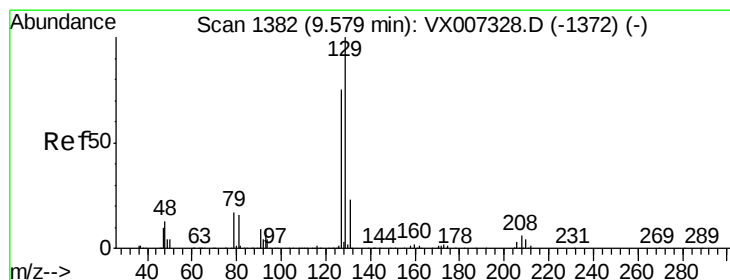
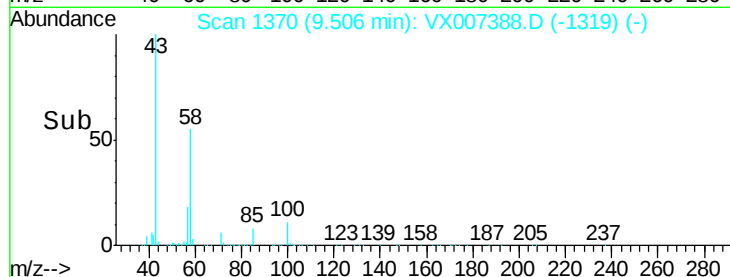
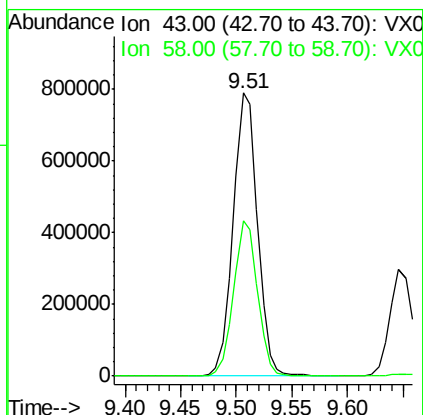
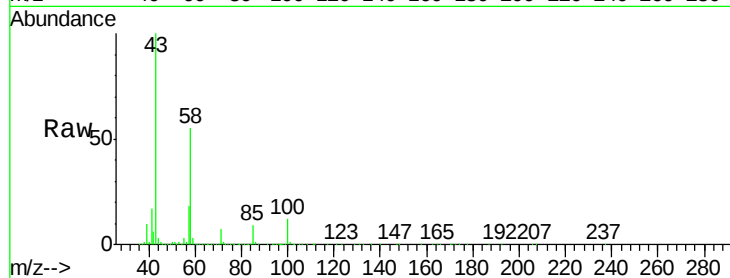




#59
2-Hexanone
Concen: 262.075 ug/l
RT: 9.51 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VX007388.D
Acq: 05 Feb 2019 20:18

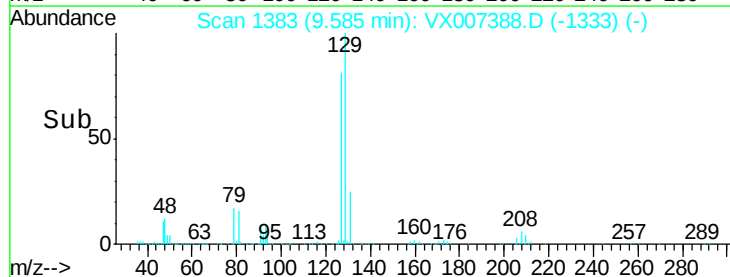
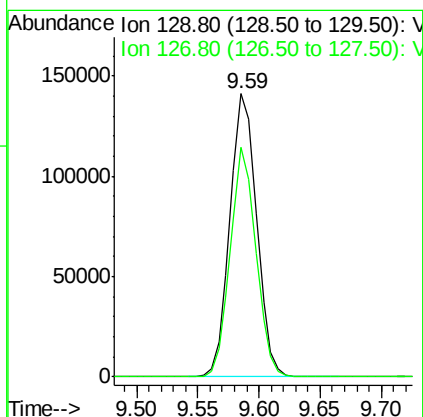
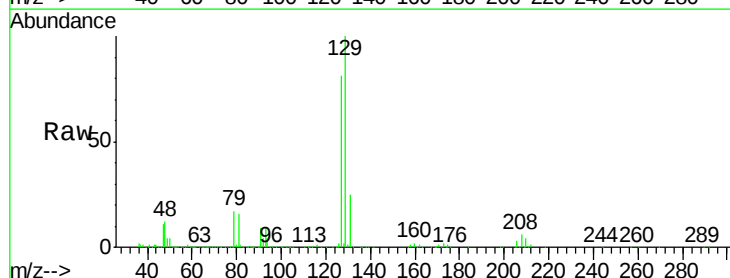
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

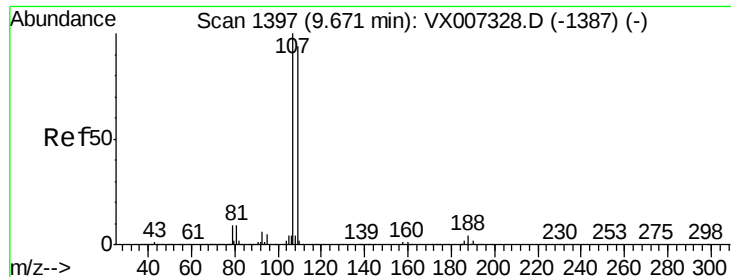
Tot Ion: 43 Resp: 1192569
Ion Ratio Lower Upper
43 100
58 54.3 27.1 81.3



#60
Dibromochloromethane
Concen: 50.064 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007388.D
Acq: 05 Feb 2019 20:18

Tgt Ion: 129 Resp: 213554
Ion Ratio Lower Upper
129 100
127 77.8 37.8 113.4





#61

1,2-Dibromoethane

Concen: 48.944 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007388.D

Acq: 05 Feb 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

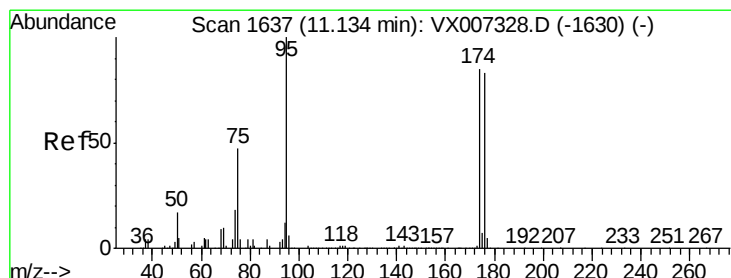
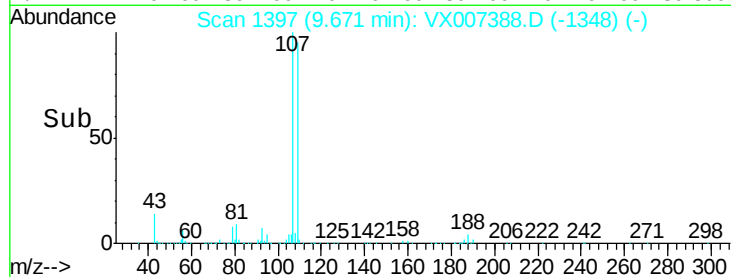
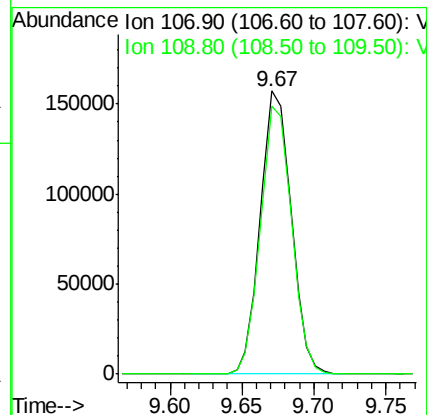
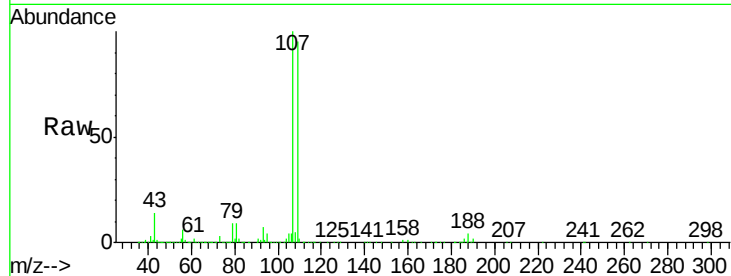
VSTDCCC050EC

Tot Ion:107 Resp: 233774

Ion Ratio Lower Upper

107 100

109 95.6 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 51.770 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX007388.D

Acq: 05 Feb 2019 20:18

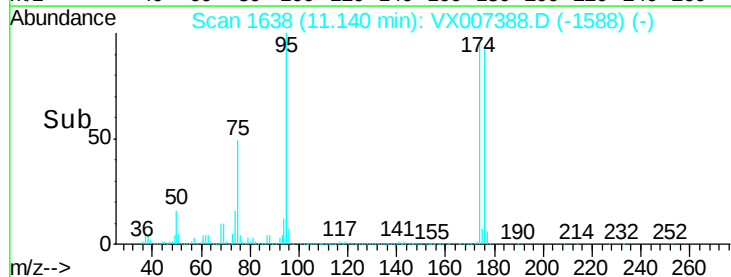
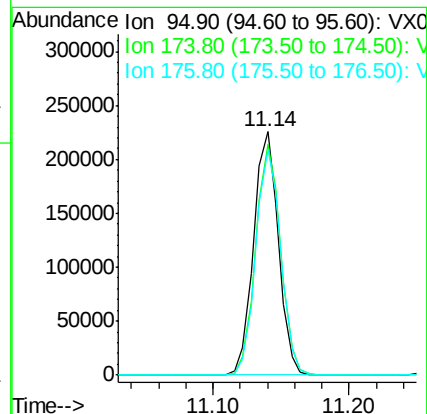
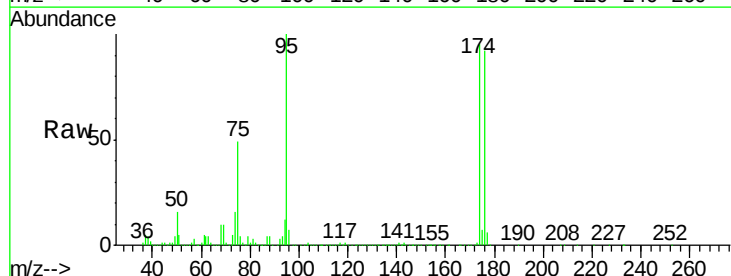
Tgt Ion: 95 Resp: 289525

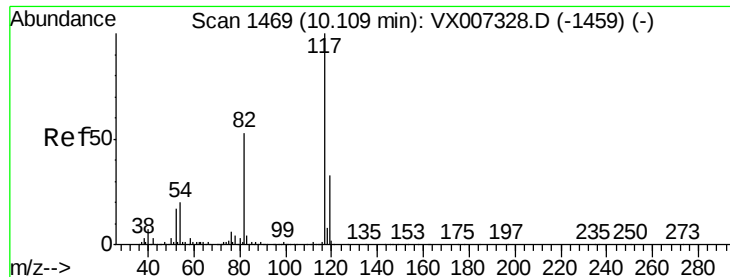
Ion Ratio Lower Upper

95 100

174 95.3 0.0 189.2

176 93.0 0.0 186.2

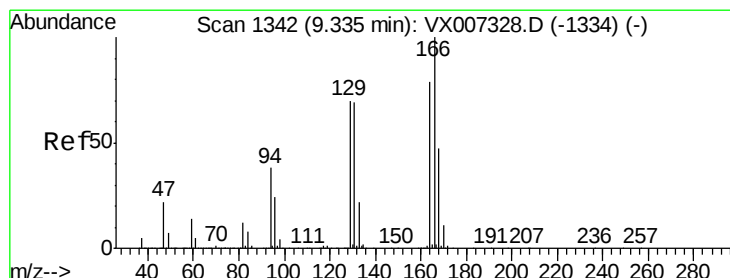
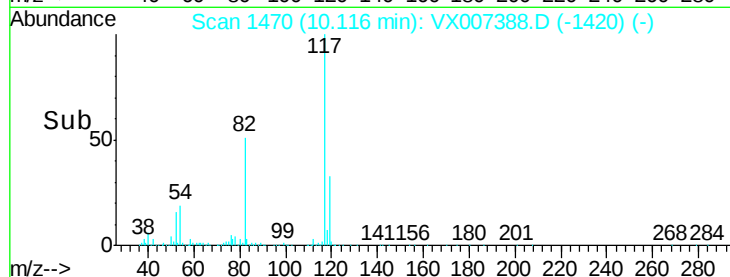
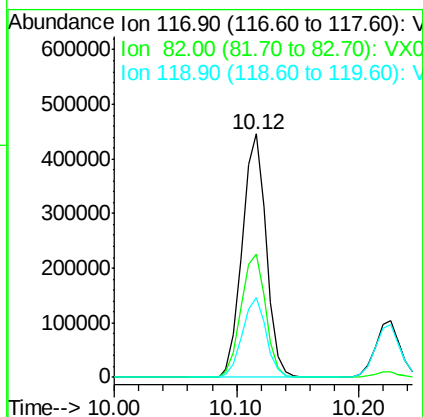
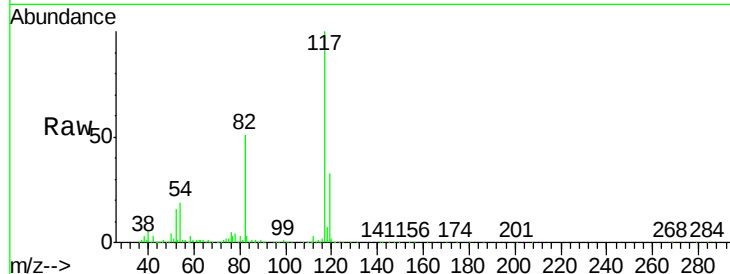




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007388.D
Acq: 05 Feb 2019 20:18

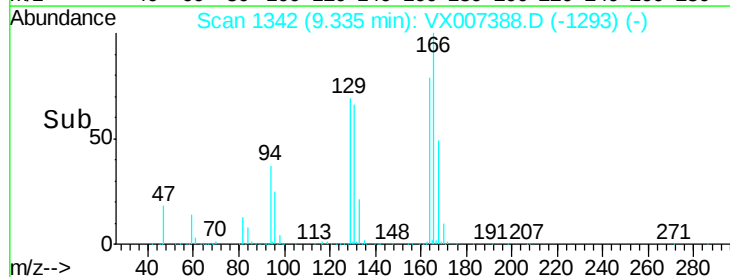
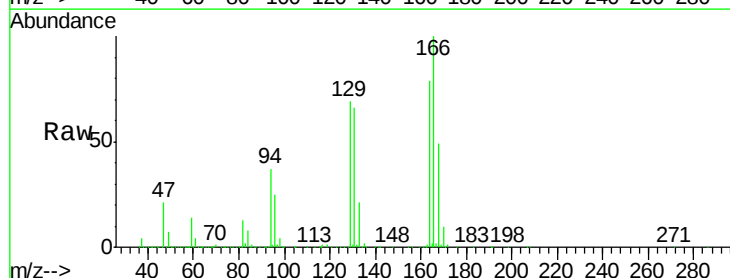
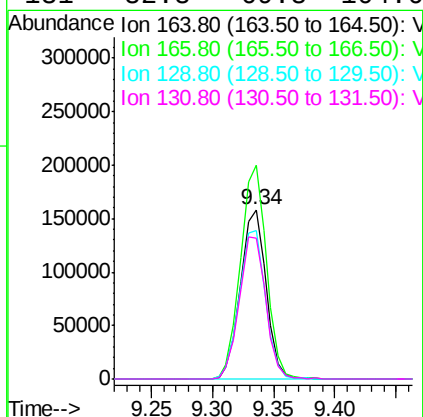
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

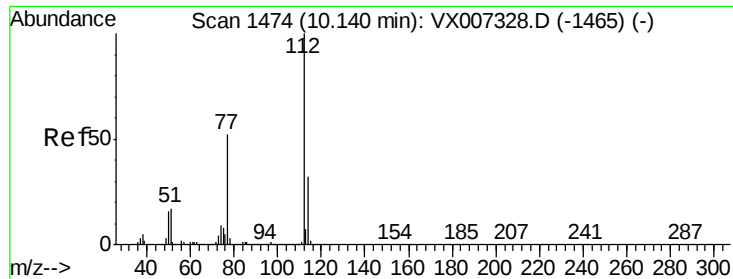
Tot Ion:117 Resp: 605695
Ion Ratio Lower Upper
117 100
82 50.7 42.1 63.1
119 32.7 26.5 39.7



#64
Tetrachloroethene
Concen: 40.256 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007388.D
Acq: 05 Feb 2019 20:18

Tgt Ion:164 Resp: 229817
Ion Ratio Lower Upper
164 100
166 126.0 101.0 151.4
129 87.6 70.5 105.7
131 82.8 69.8 104.6

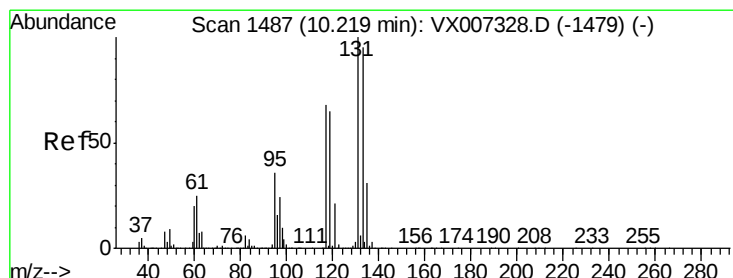
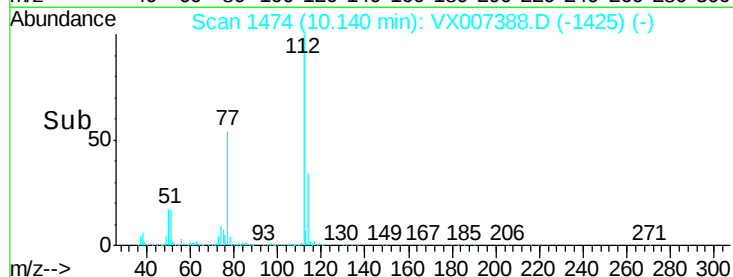
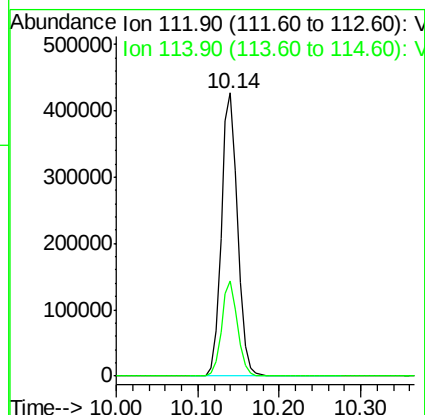
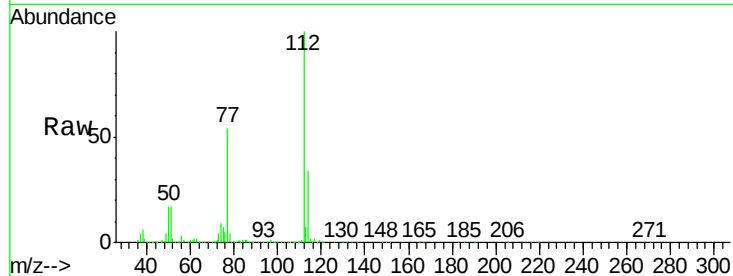




#65
Chlorobenzene
Concen: 45.083 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007388.D
Acq: 05 Feb 2019 20:18

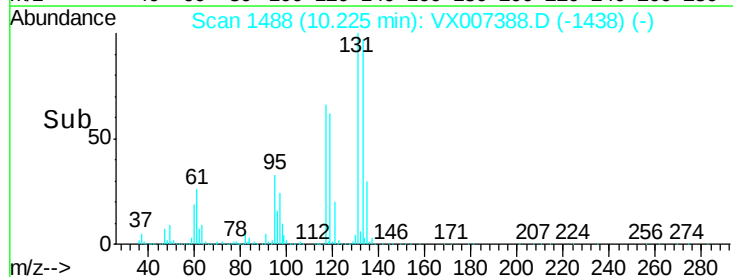
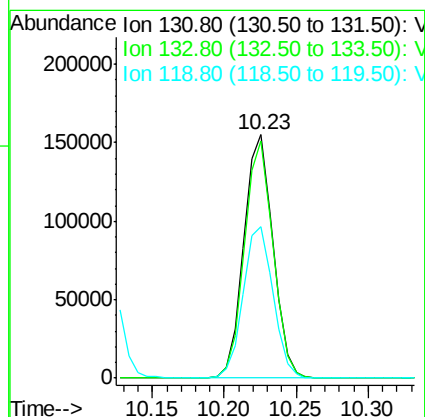
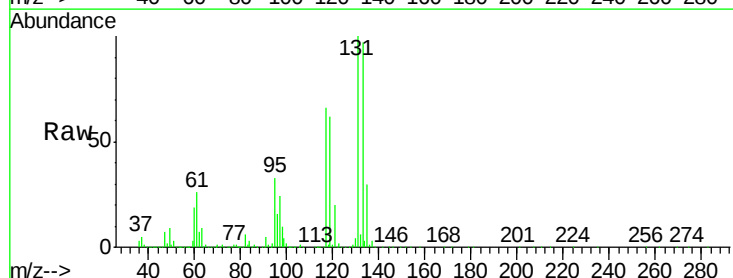
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

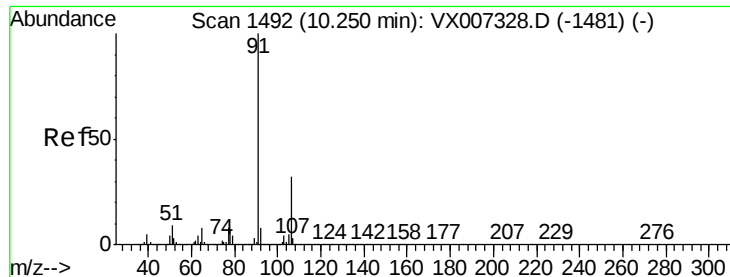
Tot Ion:112 Resp: 595886
Ion Ratio Lower Upper
112 100
114 33.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.975 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VX007388.D
Acq: 05 Feb 2019 20:18

Tgt Ion:131 Resp: 217027
Ion Ratio Lower Upper
131 100
133 95.7 48.0 144.2
119 64.0 32.0 96.0





#67

Ethyl Benzene

Concen: 46.657 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007388.D

Acq: 05 Feb 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

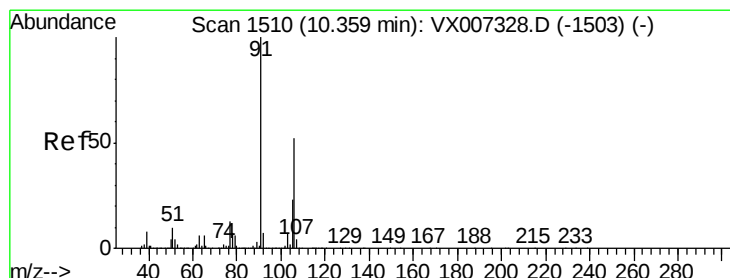
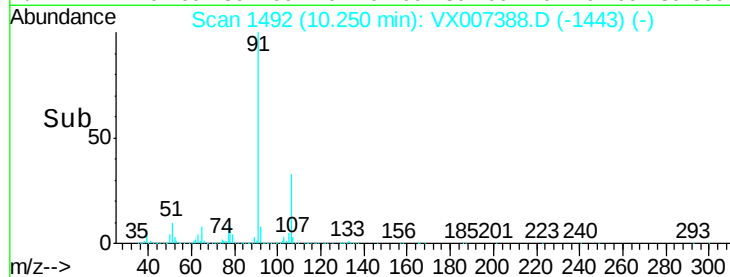
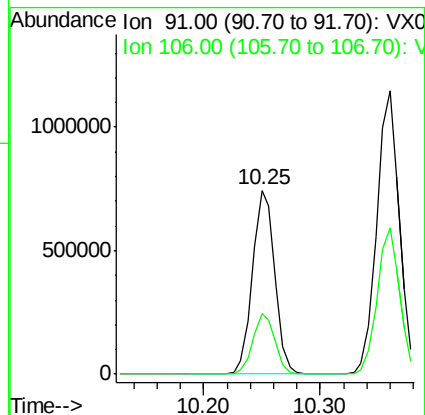
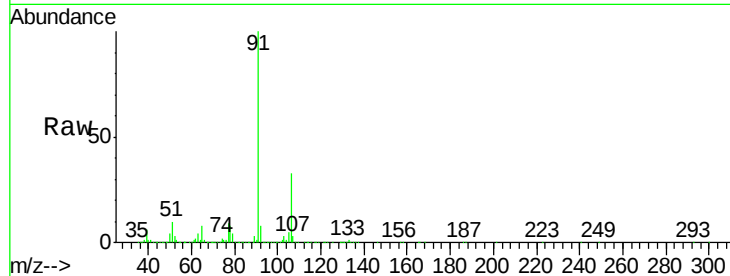
VSTDCCC050EC

Tot Ion: 91 Resp: 993104

Ion Ratio Lower Upper

91 100

106 32.8 25.4 38.0



#68

m/p-Xylenes

Concen: 93.894 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007388.D

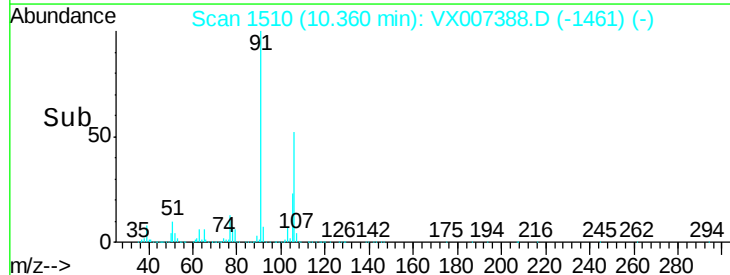
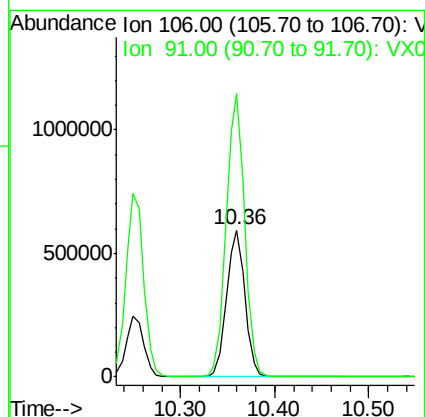
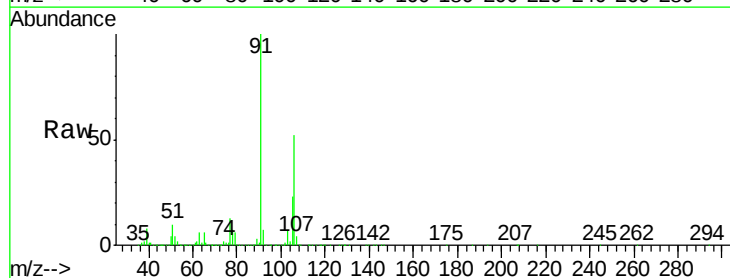
Acq: 05 Feb 2019 20:18

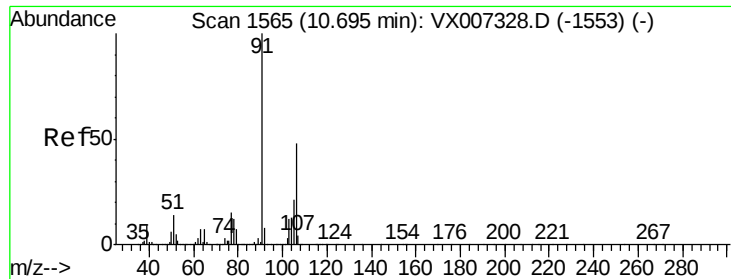
Tgt Ion: 106 Resp: 794442

Ion Ratio Lower Upper

106 100

91 194.8 156.6 234.8

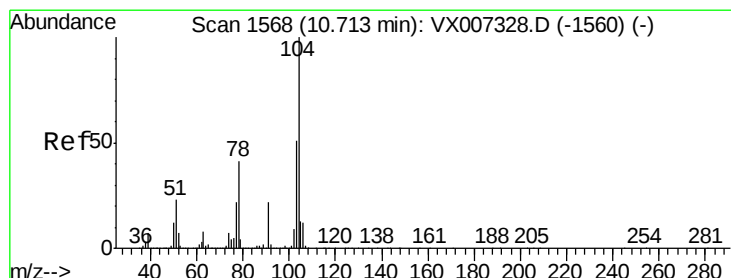
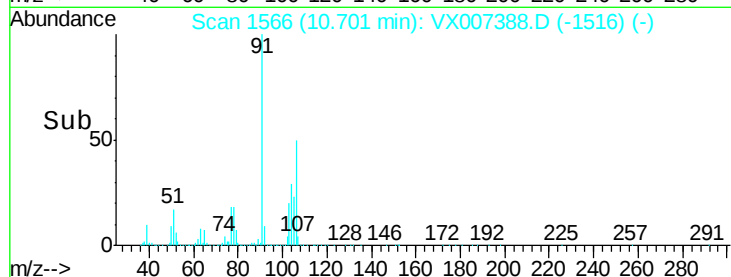
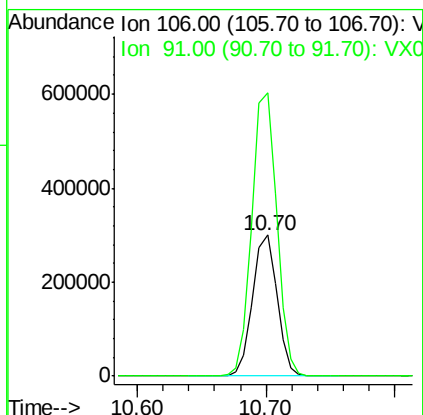
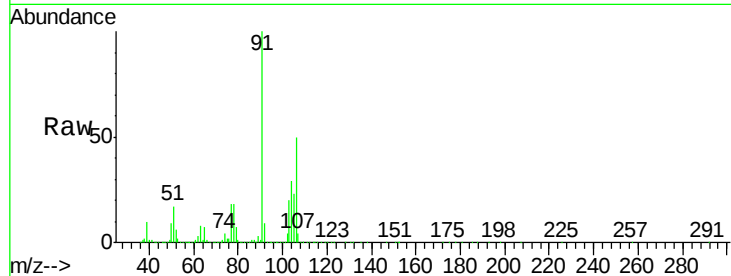




#69
o-Xylene
Concen: 48.246 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007388.D
Acq: 05 Feb 2019 20:18

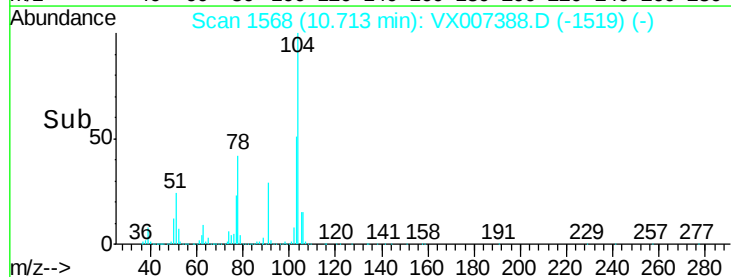
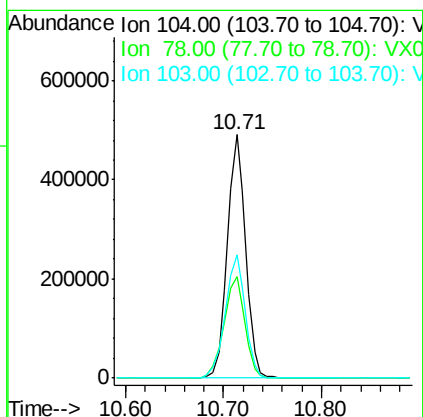
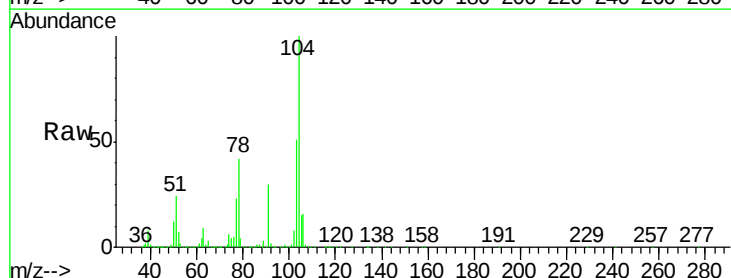
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

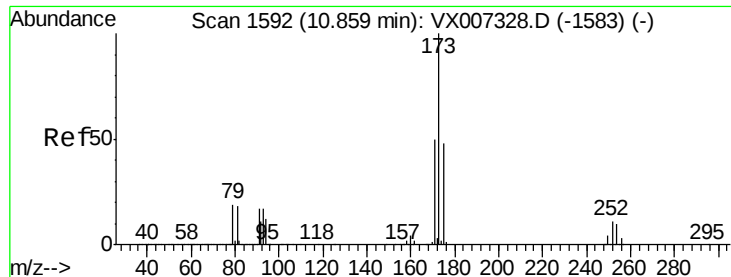
Tot Ion:106 Resp: 392806
Ion Ratio Lower Upper
106 100
91 203.9 102.9 308.7



#70
Styrene
Concen: 48.265 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007388.D
Acq: 05 Feb 2019 20:18

Tgt Ion:104 Resp: 637285
Ion Ratio Lower Upper
104 100
78 47.7 38.3 57.5
103 55.3 44.6 67.0





#71

Bromoform

Concen: 43.277 ug/l

RT: 10.87 min Scan# 1593

Delta R.T. 0.01 min

Lab File: VX007388.D

Acq: 05 Feb 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

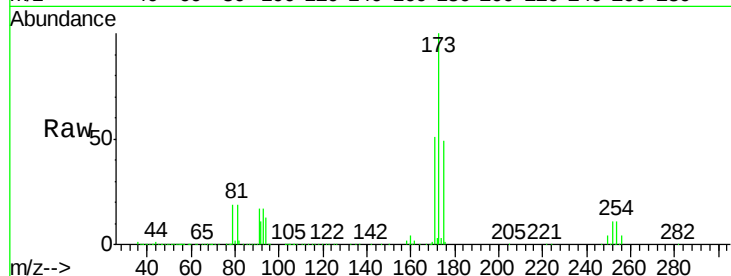
Tot Ion:173 Resp: 165912

Ion Ratio Lower Upper

173 100

175 49.3 24.2 72.6

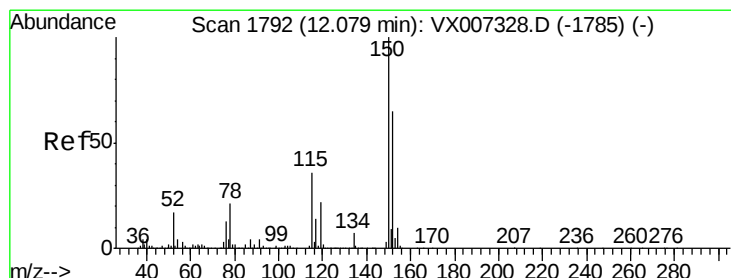
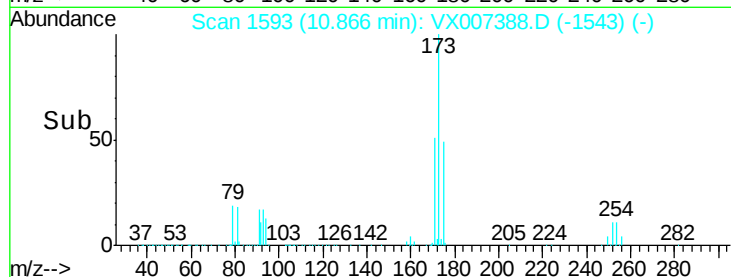
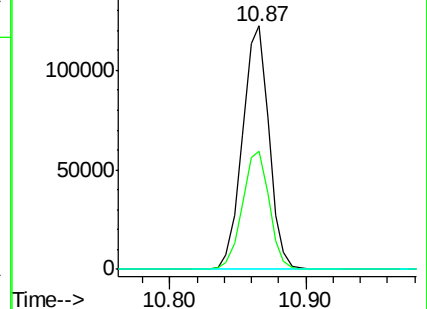
254 0.2 0.2 0.2



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: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007388.D

Acq: 05 Feb 2019 20:18

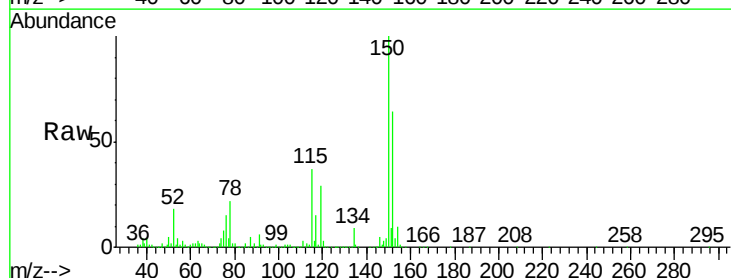
Tgt Ion:152 Resp: 345368

Ion Ratio Lower Upper

152 100

115 75.5 38.0 114.0

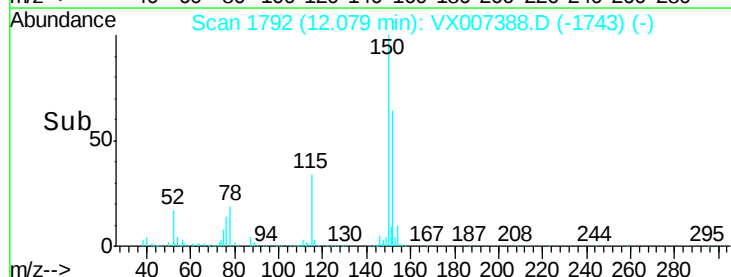
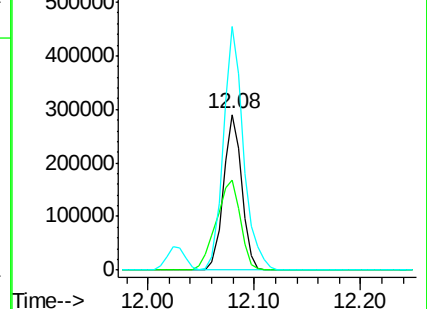
150 171.8 0.0 346.4

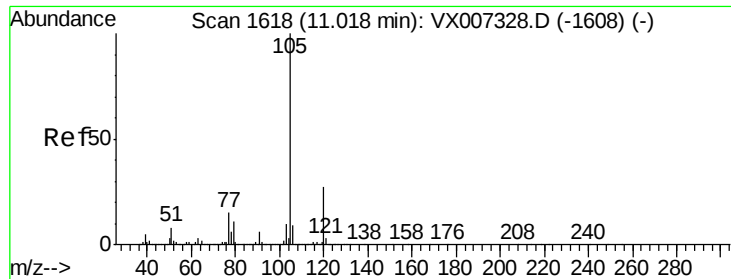


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 43.903 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007388.D

Acq: 05 Feb 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

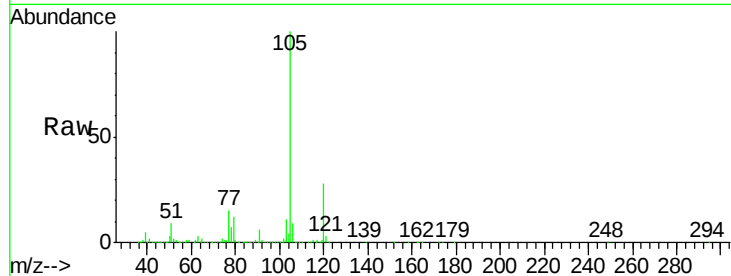
VSTDCCC050EC

Tot Ion:105 Resp: 1030381

Ion Ratio Lower Upper

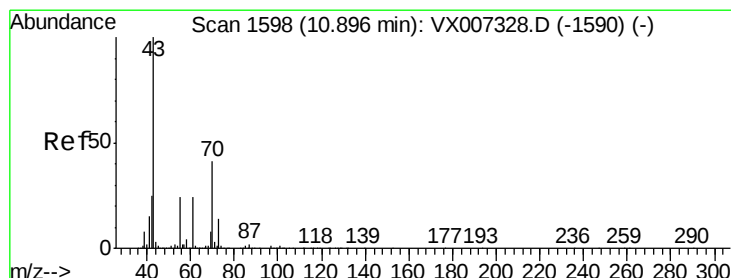
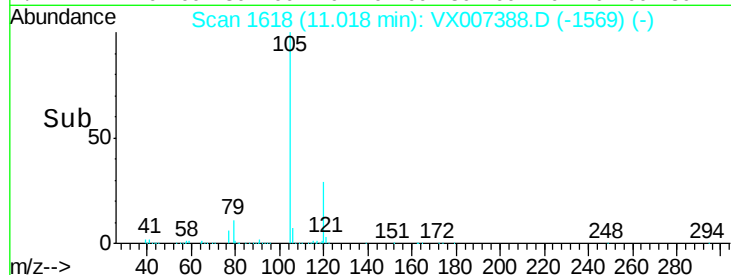
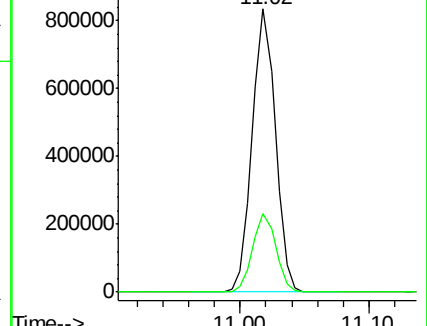
105 100

120 27.9 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.851 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX007388.D

Acq: 05 Feb 2019 20:18

Tgt Ion: 43 Resp: 443458

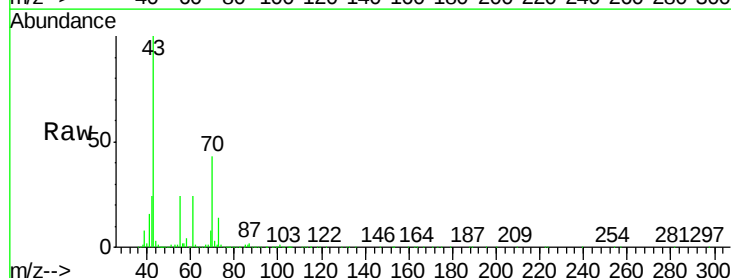
Ion Ratio Lower Upper

43 100

70 41.9 33.8 50.6

55 23.9 19.5 29.3

61 24.0 19.4 29.2

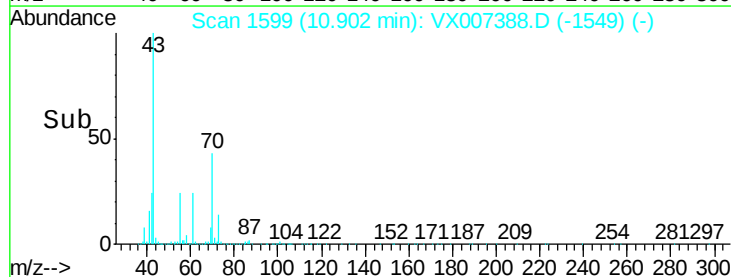
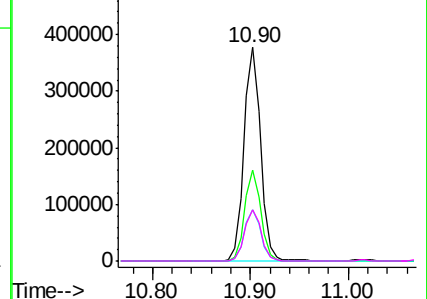


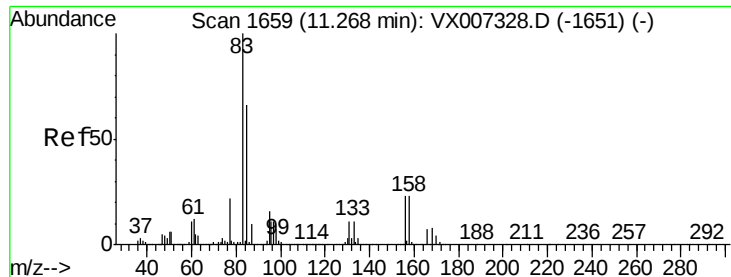
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 50.277 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX007388.D

Acq: 05 Feb 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

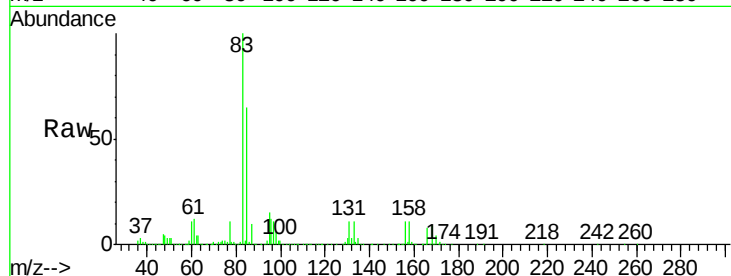
Tot Ion: 83 Resp: 359612

Ion Ratio Lower Upper

83 100

131 11.0 5.7 17.0

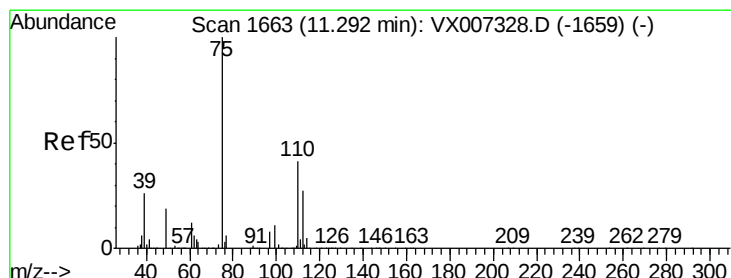
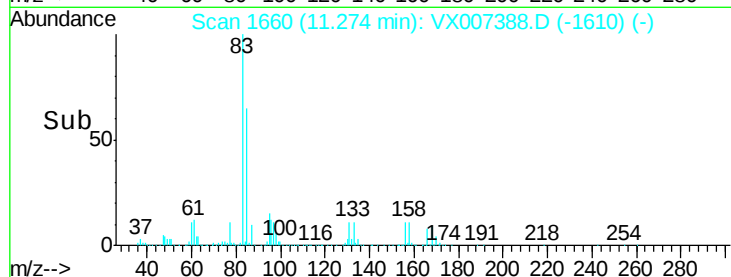
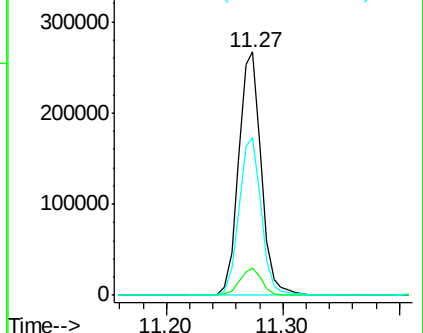
85 64.3 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 56.578 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX007388.D

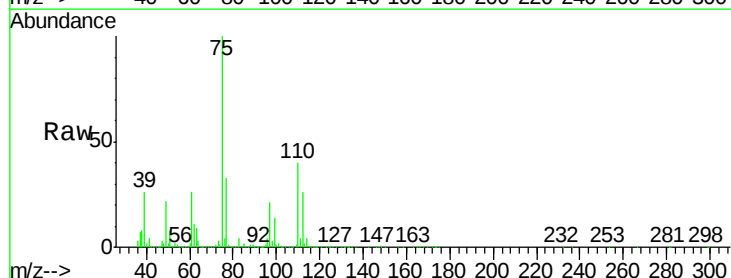
Acq: 05 Feb 2019 20:18

Tgt Ion: 75 Resp: 380085

Ion Ratio Lower Upper

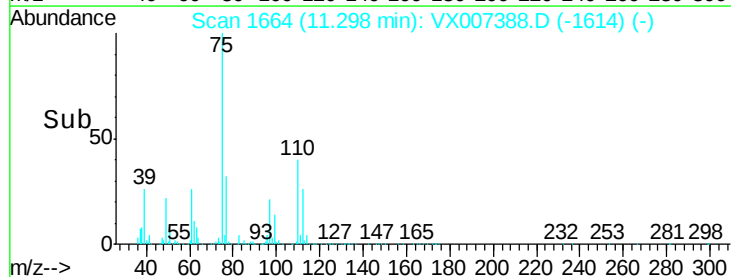
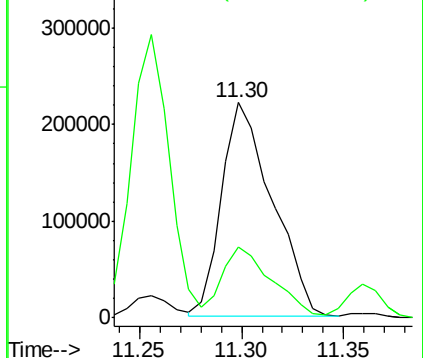
75 100

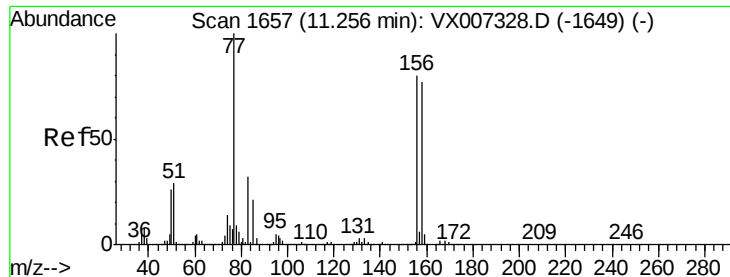
77 32.7 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 43.814 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007388.D

Acq: 05 Feb 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

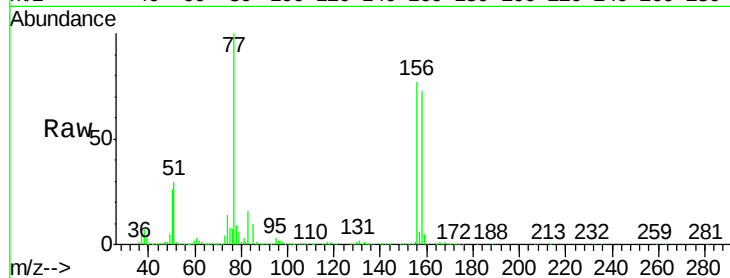
Tot Ion:156 Resp: 289731

Ion Ratio Lower Upper

156 100

77 132.1 66.8 200.6

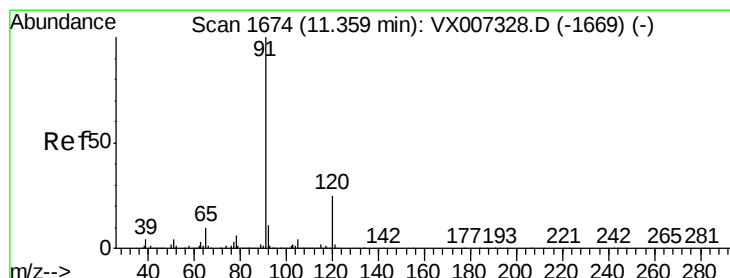
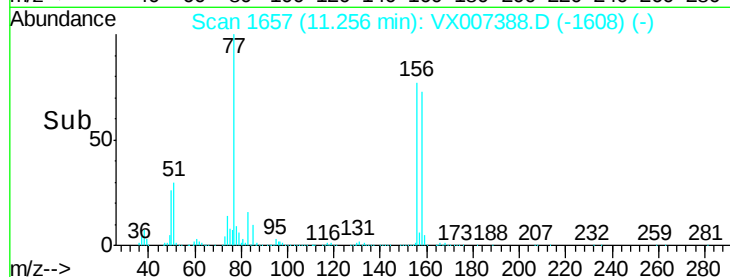
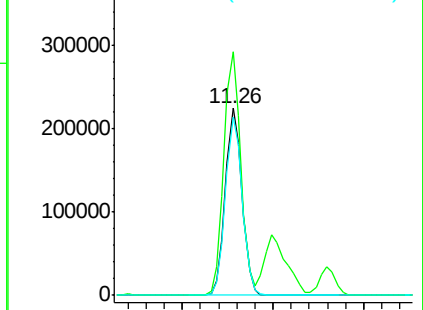
158 95.9 47.9 143.8



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: 44.742 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007388.D

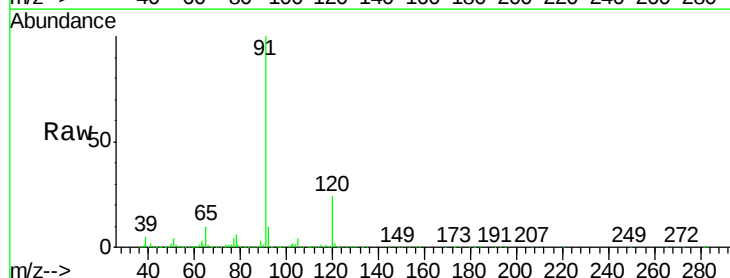
Acq: 05 Feb 2019 20:18

Tgt Ion: 91 Resp: 1151463

Ion Ratio Lower Upper

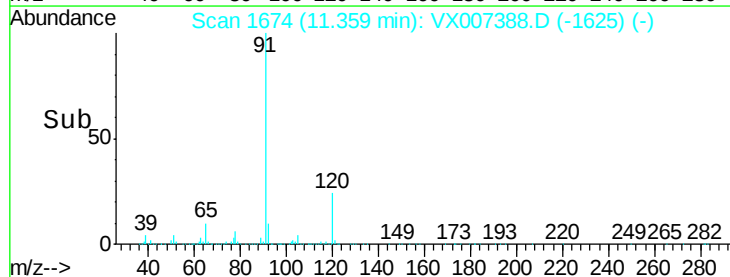
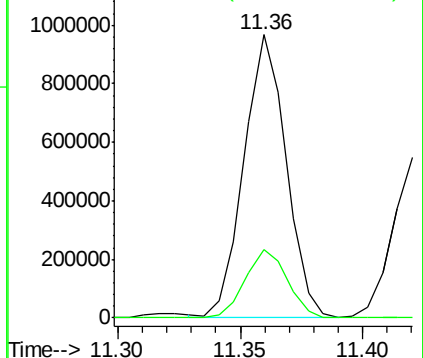
91 100

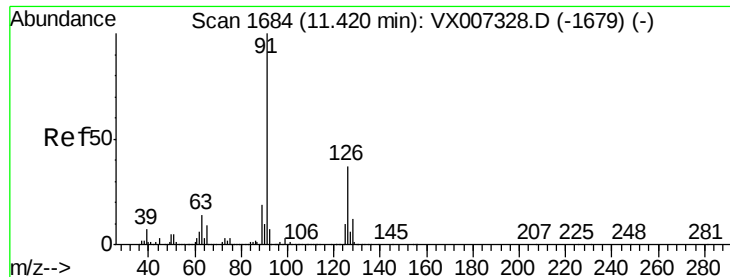
120 24.6 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

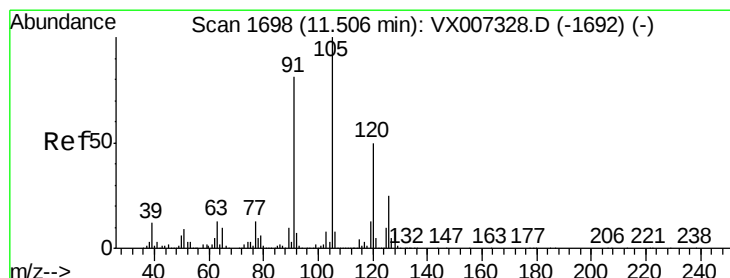
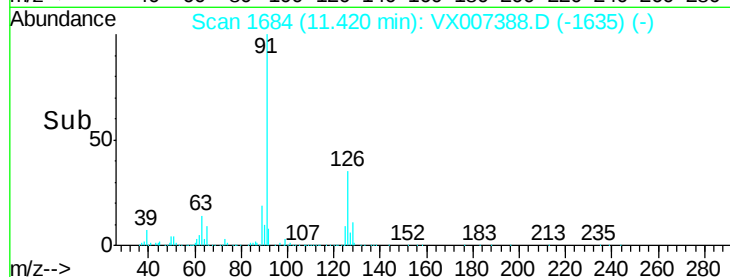
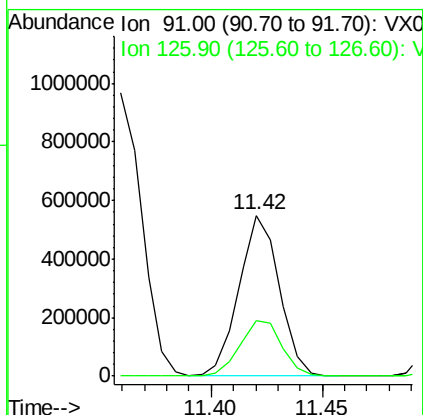
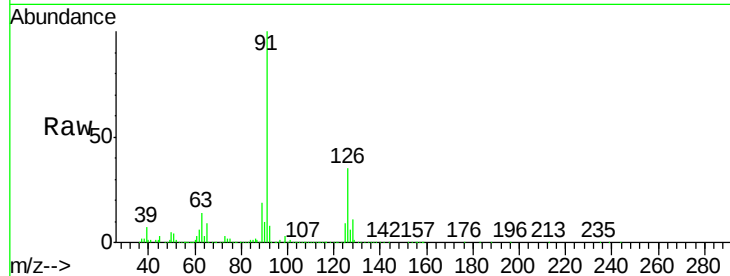




#79
 2-Chlorotoluene
 Concen: 44.421 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX007388.D
 Acq: 05 Feb 2019 20:18

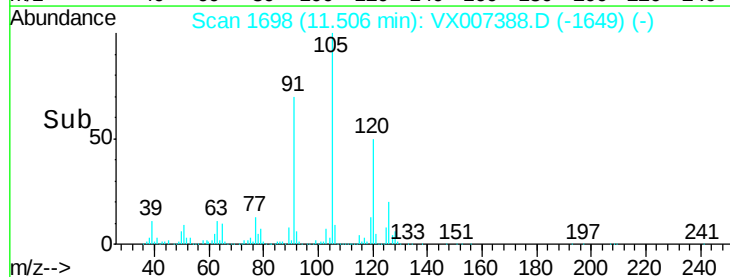
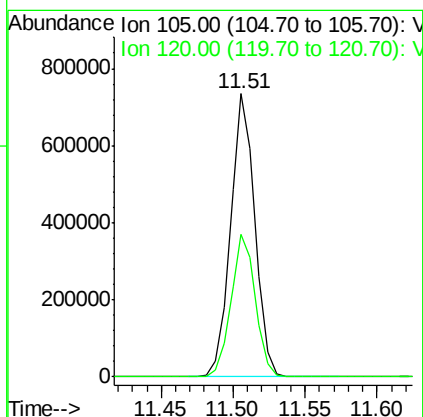
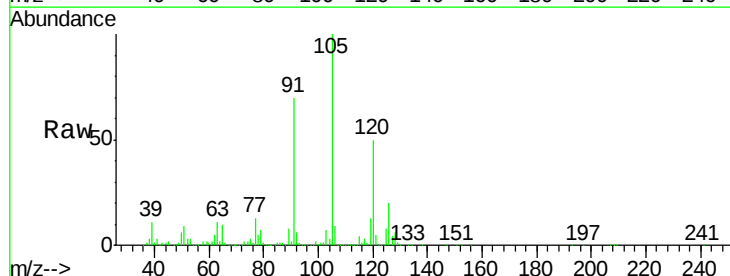
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

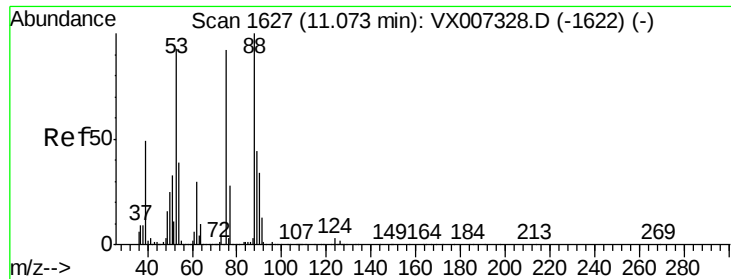
Tot Ion: 91 Resp: 693673
 Ion Ratio Lower Upper
 91 100
 126 36.3 18.7 56.1



#80
 1,3,5-Trimethylbenzene
 Concen: 45.279 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX007388.D
 Acq: 05 Feb 2019 20:18

Tgt Ion: 105 Resp: 869411
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 41.201 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VX007388.D

Acq: 05 Feb 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

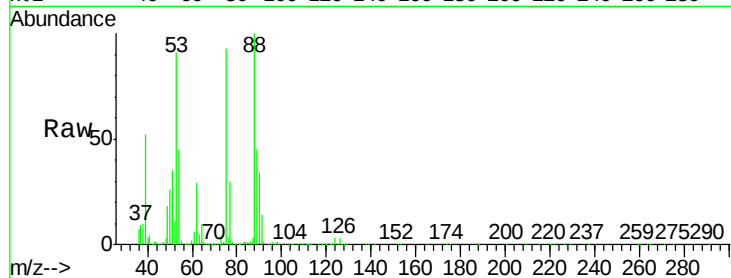
Tot Ion: 75 Resp: 87780

Ion Ratio Lower Upper

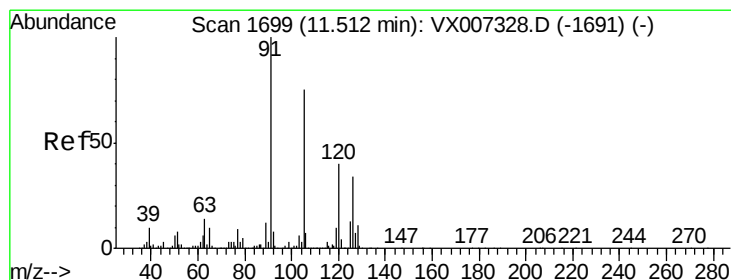
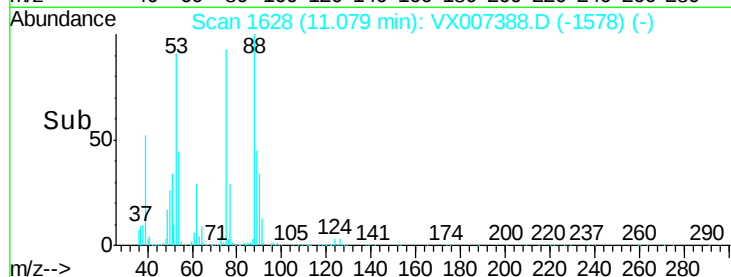
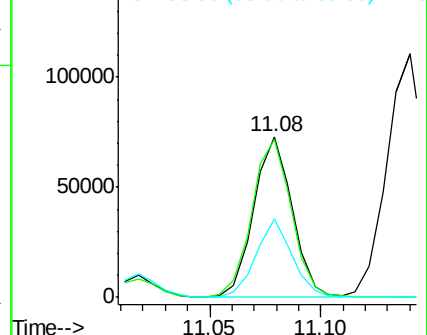
75 100

53 101.1 81.0 121.6

89 46.0 41.4 62.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 45.036 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007388.D

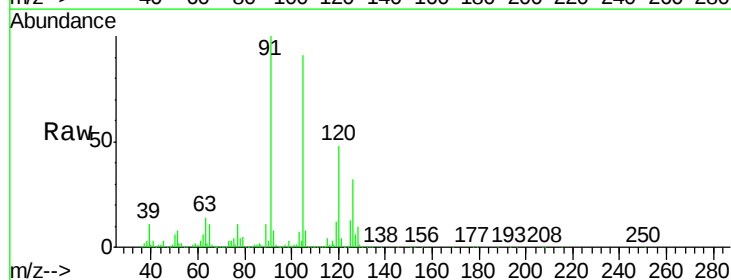
Acq: 05 Feb 2019 20:18

Tgt Ion: 91 Resp: 813779

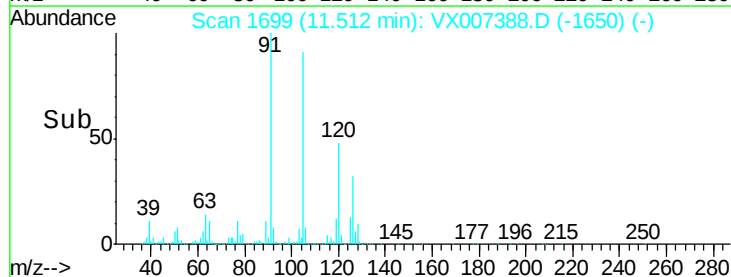
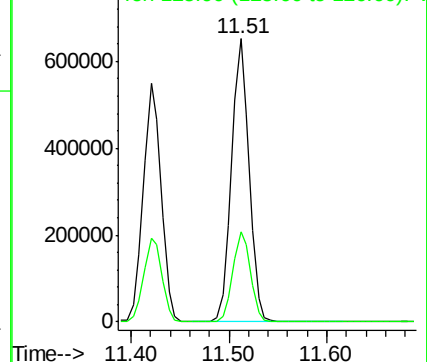
Ion Ratio Lower Upper

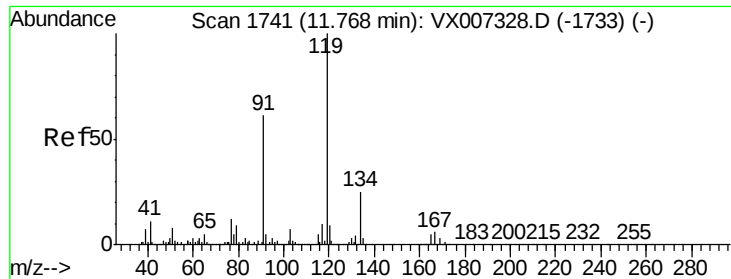
91 100

126 32.1 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 46.859 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.01 min

Lab File: VX007388.D

Acq: 05 Feb 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

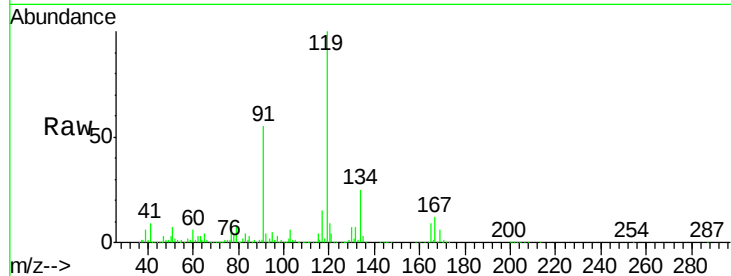
Tot Ion:119 Resp: 890792

Ion Ratio Lower Upper

119 100

91 54.8 28.5 85.6

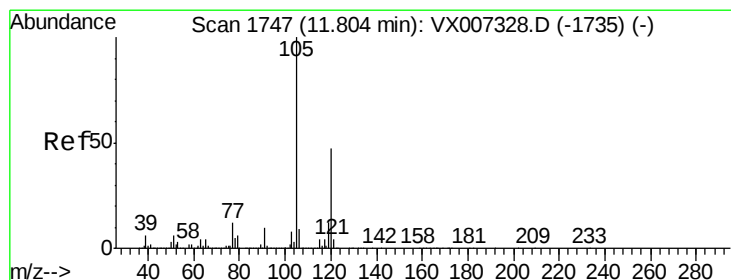
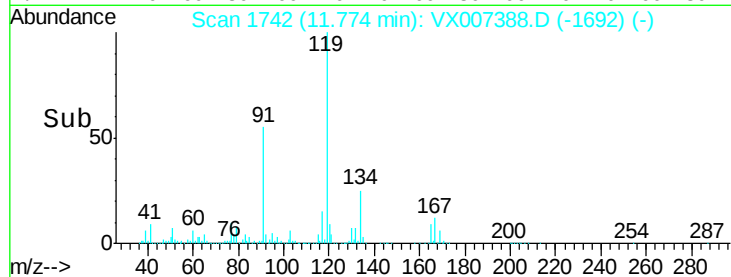
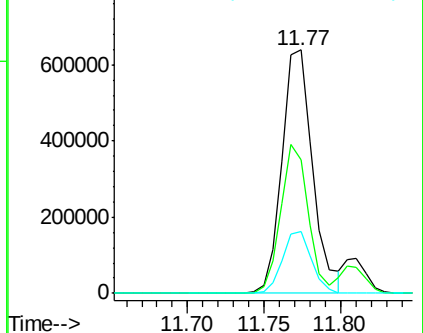
134 24.1 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 46.252 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX007388.D

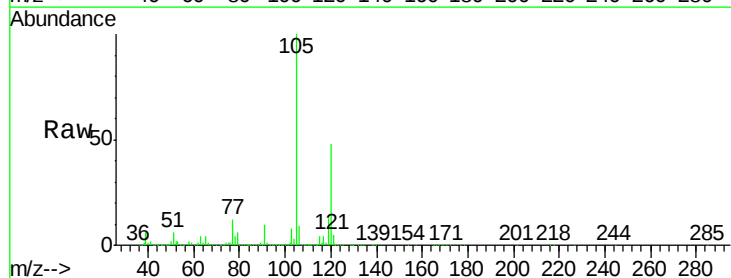
Acq: 05 Feb 2019 20:18

Tgt Ion:105 Resp: 901611

Ion Ratio Lower Upper

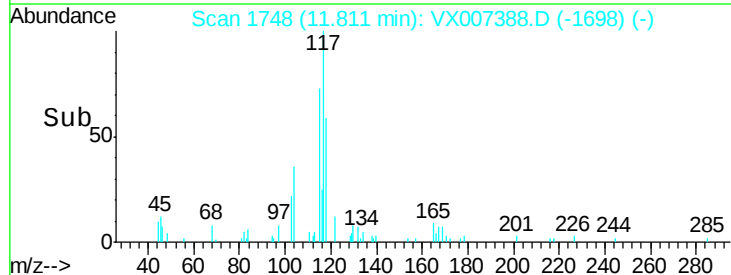
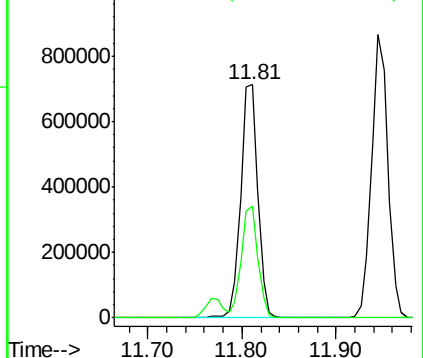
105 100

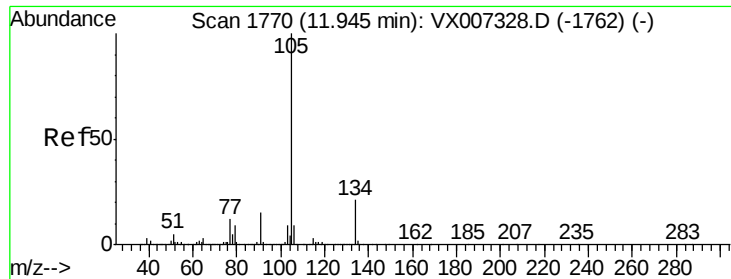
120 46.6 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 45.485 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007388.D

Acq: 05 Feb 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

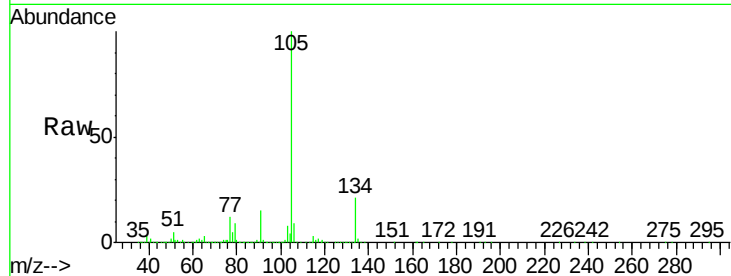
VSTDCCC050EC

Tot Ion:105 Resp: 1046527

Ion Ratio Lower Upper

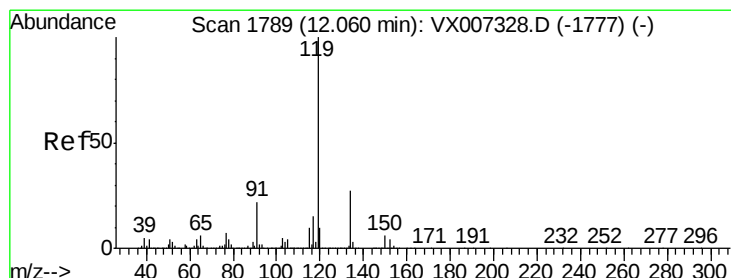
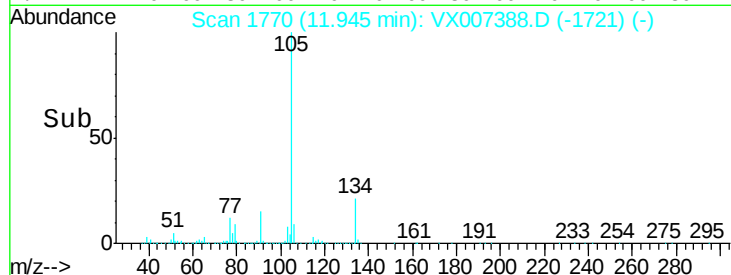
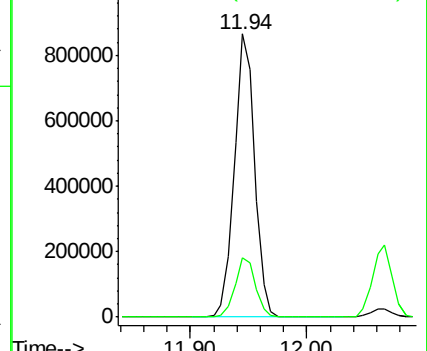
105 100

134 21.1 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 45.221 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX007388.D

Acq: 05 Feb 2019 20:18

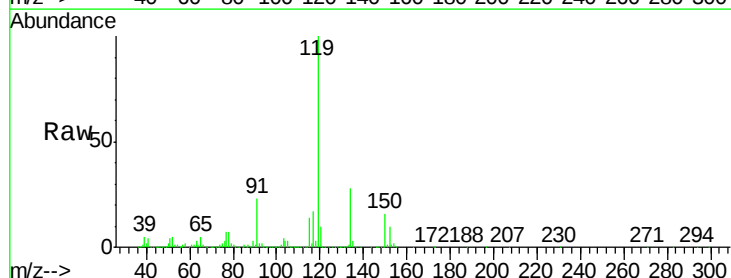
Tgt Ion:119 Resp: 939215

Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.1

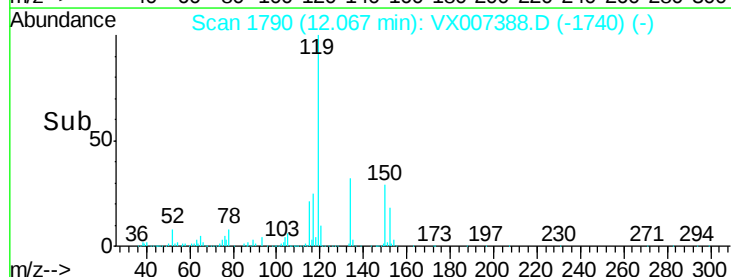
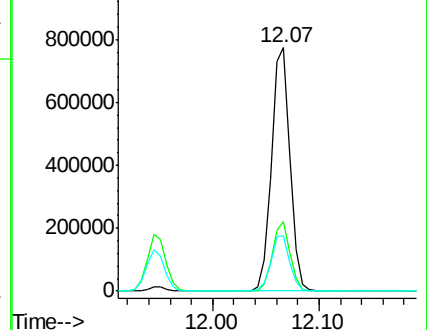
91 22.8 11.2 33.5

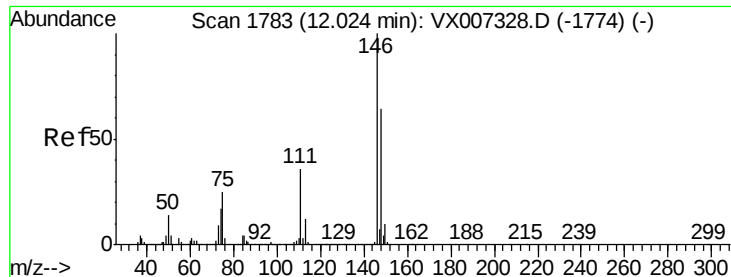


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

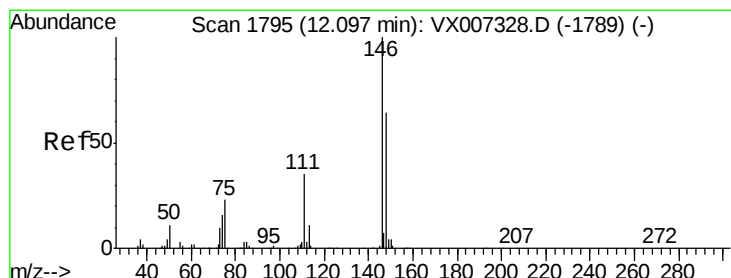
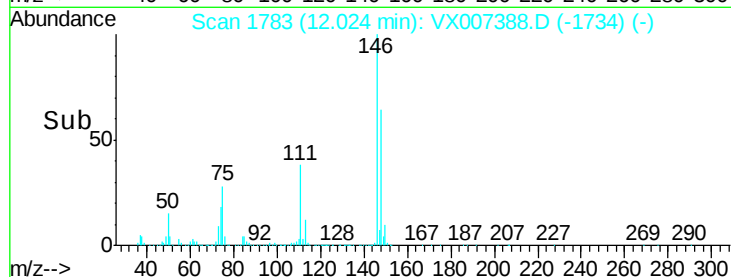
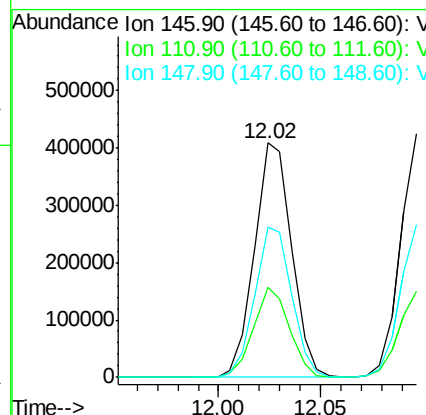
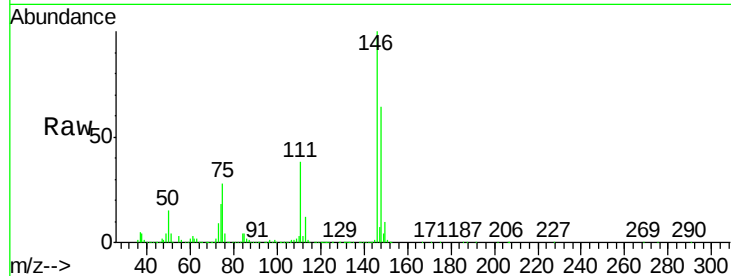




#87
 1,3-Dichlorobenzene
 Concen: 43.817 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007388.D
 Acq: 05 Feb 2019 20:18

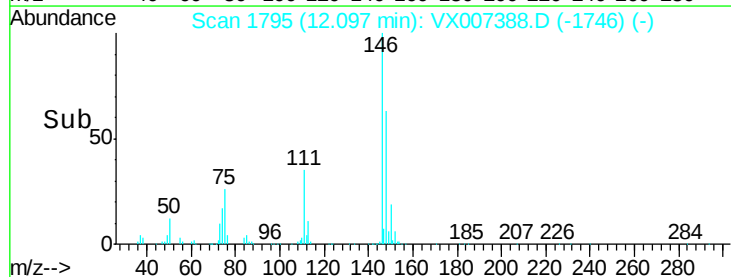
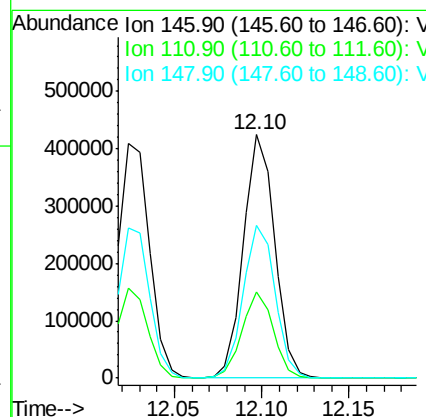
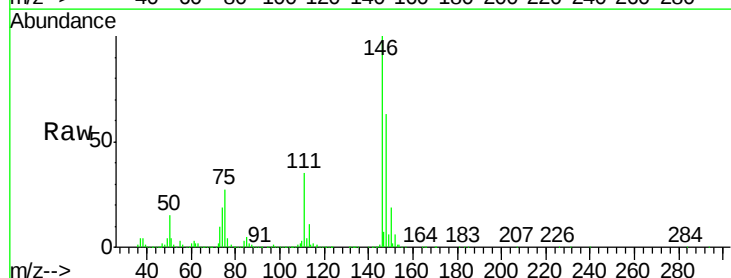
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

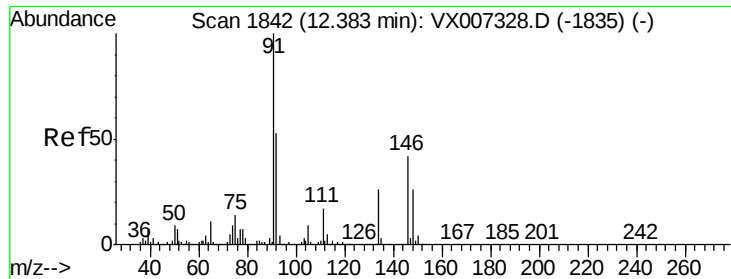
Tot Ion:146 Resp: 520006
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.1 54.1
 148 63.8 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 43.766 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007388.D
 Acq: 05 Feb 2019 20:18

Tgt Ion:146 Resp: 526953
 Ion Ratio Lower Upper
 146 100
 111 35.7 18.1 54.1
 148 64.3 32.3 96.9

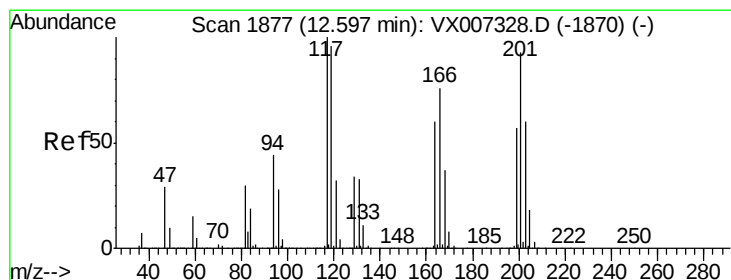
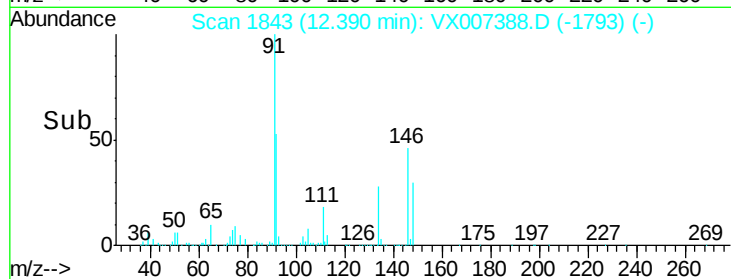
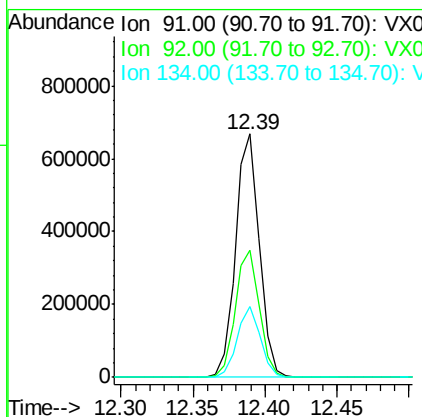
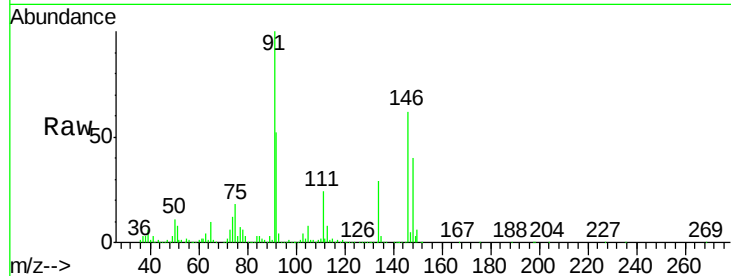




#89
n-Butylbenzene
Concen: 43.030 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007388.D
Acq: 05 Feb 2019 20:18

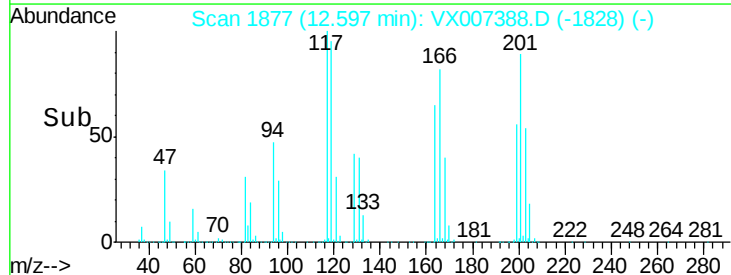
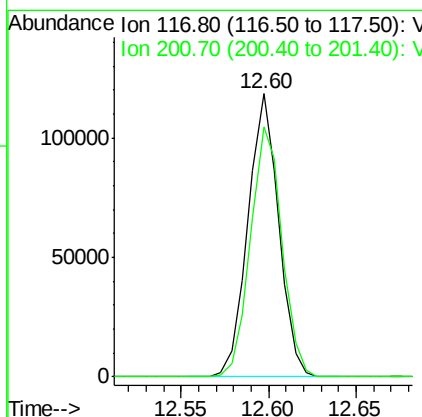
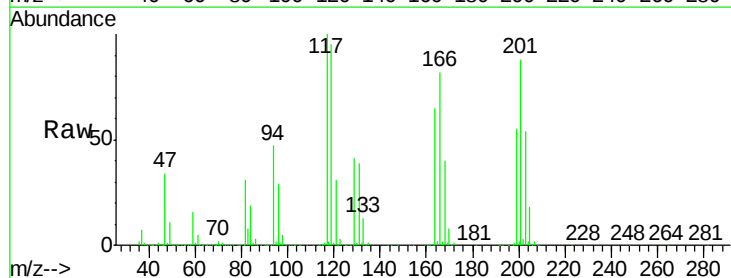
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

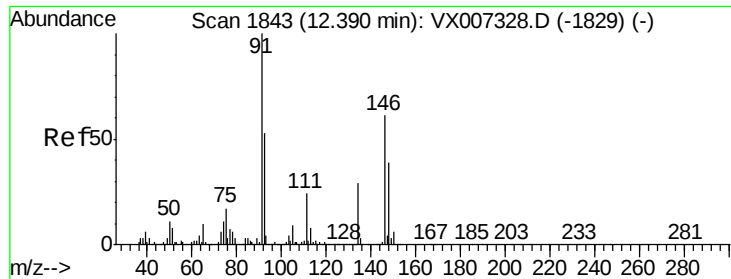
Tot Ion: 91 Resp: 768817
Ion Ratio Lower Upper
91 100
92 52.9 26.3 78.9
134 28.3 13.9 41.6



#90
Hexachloroethane
Concen: 46.716 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007388.D
Acq: 05 Feb 2019 20:18

Tgt Ion: 117 Resp: 145212
Ion Ratio Lower Upper
117 100
201 90.3 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 46.094 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VX007388.D

Acq: 05 Feb 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

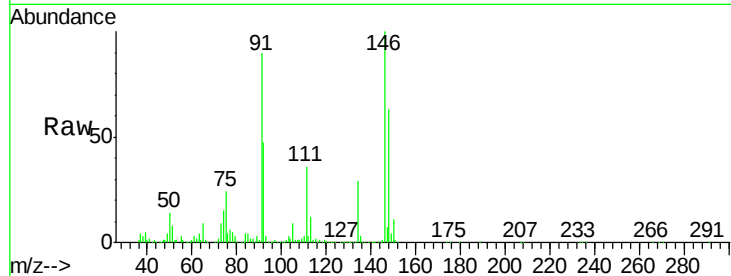
Tot Ion:146 Resp: 544388

Ion Ratio Lower Upper

146 100

111 37.8 19.1 57.3

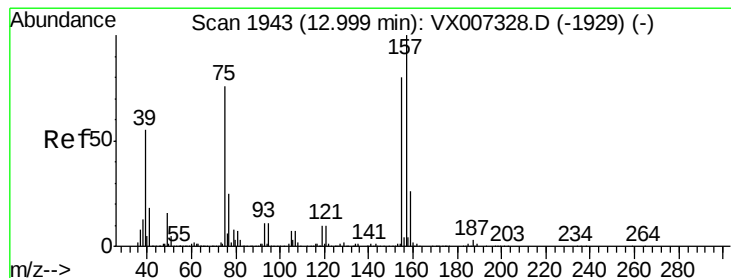
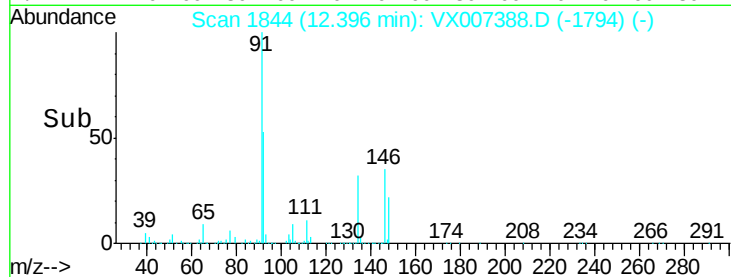
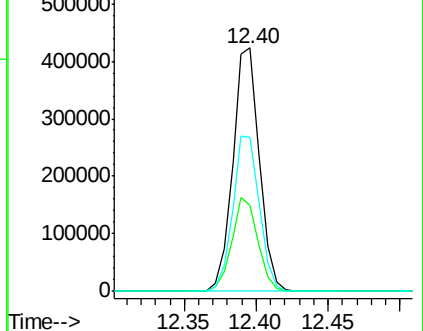
148 64.3 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.629 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007388.D

Acq: 05 Feb 2019 20:18

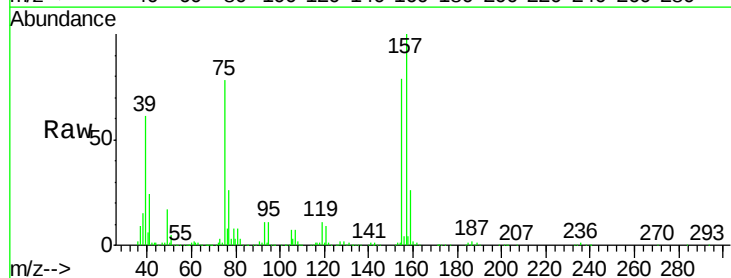
Tgt Ion: 75 Resp: 72323

Ion Ratio Lower Upper

75 100

155 104.6 49.6 149.0

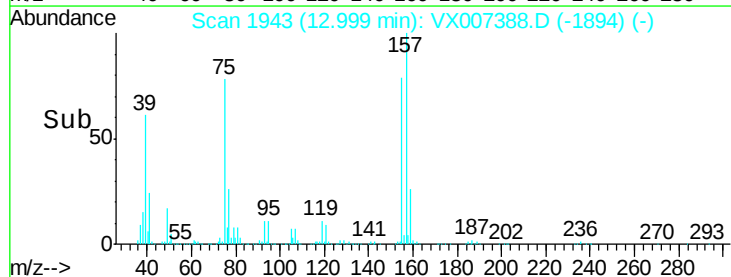
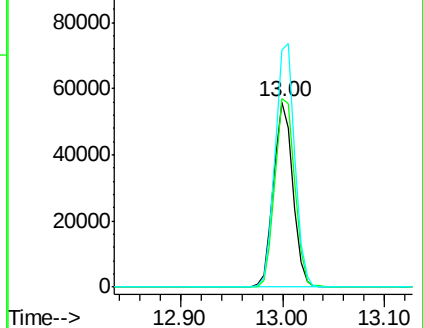
157 132.8 65.1 195.3

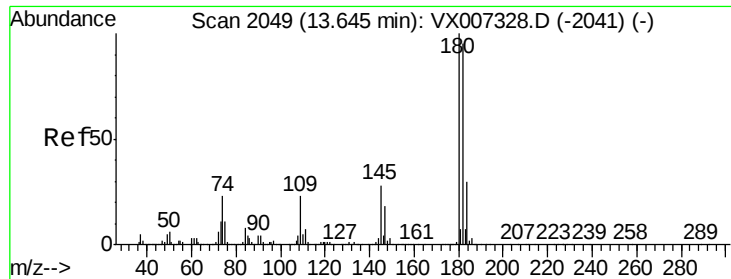


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

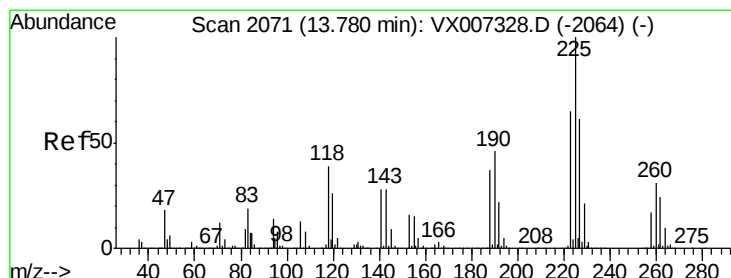
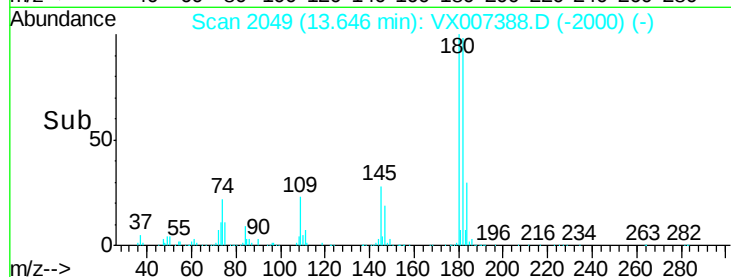
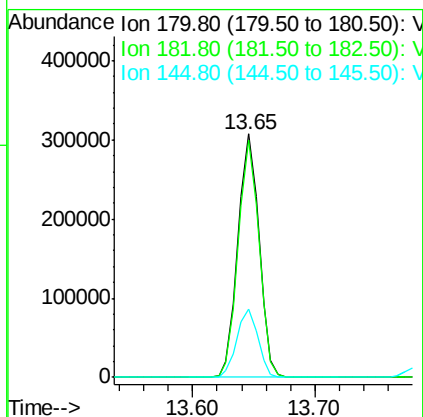
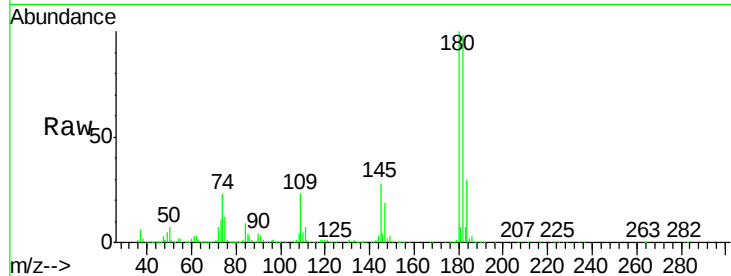




#93
 1,2,4-Trichlorobenzene
 Concen: 45.910 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007388.D
 Acq: 05 Feb 2019 20:18

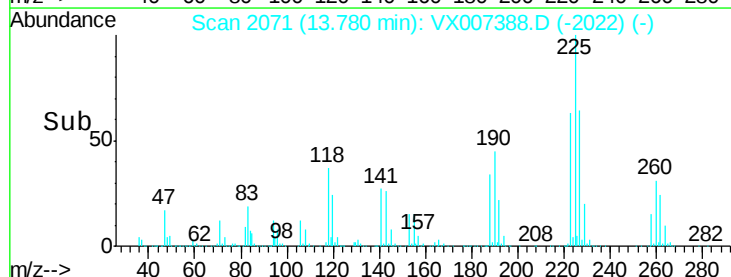
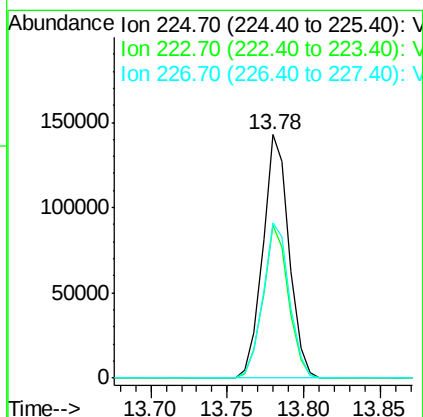
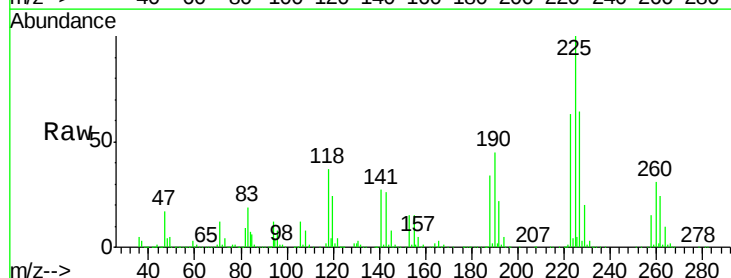
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

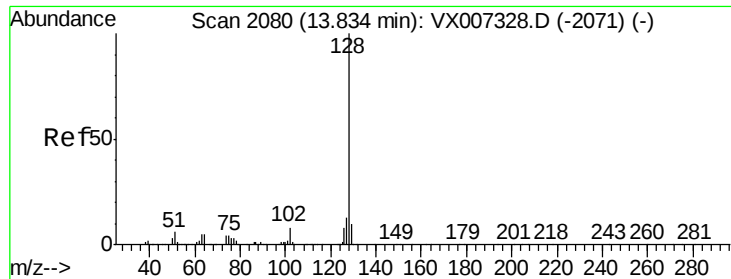
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.8	143.3
145	28.3	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 44.129 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007388.D
 Acq: 05 Feb 2019 20:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	31.6	94.8
227	64.3	32.1	96.3





#95

Naphthalene

Concen: 50.201 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007388.D

Acq: 05 Feb 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

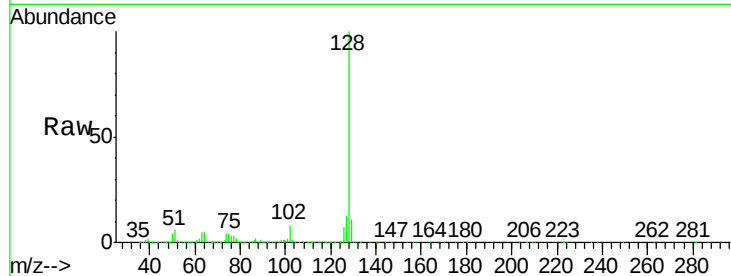
Tot Ion:128 Resp: 1169274

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

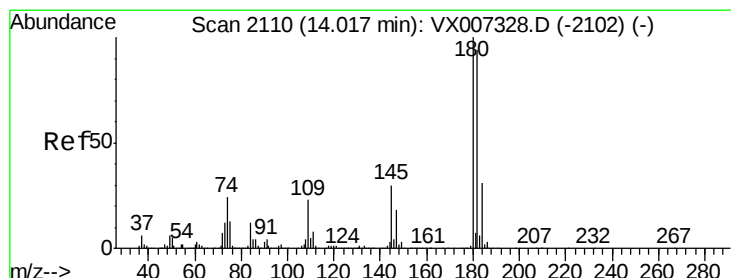
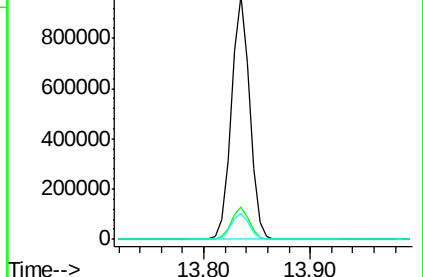
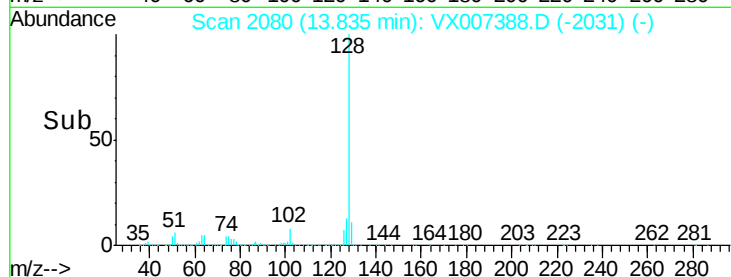
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.493 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007388.D

Acq: 05 Feb 2019 20:18

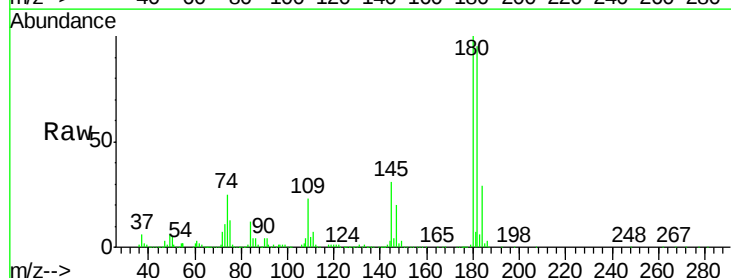
Tgt Ion:180 Resp: 380770

Ion Ratio Lower Upper

180 100

182 95.4 47.5 142.6

145 30.0 14.9 44.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

