

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010919\
 Data File : VX006956.D
 Acq On : 09 Jan 2019 10:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 10 00:49:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	681320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	975389	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	893040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	470723	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	375938	52.80	ug/l	0.00
Spiked Amount			Recovery	=	105.60%	
35) Dibromofluoromethane	5.50	113	346683	55.50	ug/l	0.00
Spiked Amount			Recovery	=	111.00%	
50) Toluene-d8	8.71	98	1305274	57.09	ug/l	0.00
Spiked Amount			Recovery	=	114.18%	
62) 4-Bromofluorobenzene	11.14	95	465569	58.41	ug/l	0.00
Spiked Amount			Recovery	=	116.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	328926	58.789	ug/l	99
3) Chloromethane	1.33	50	345019	52.971	ug/l	96
4) Vinyl Chloride	1.41	62	366648	52.331	ug/l	100
5) Bromomethane	1.64	94	349492	46.689	ug/l	100
6) Chloroethane	1.71	64	232201	47.464	ug/l	99
7) Trichlorofluoromethane	1.92	101	578246	51.079	ug/l	99
8) Diethyl Ether	2.19	74	220266	48.906	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	349982	51.638	ug/l	100
10) Methyl Iodide	2.51	142	522206	57.119	ug/l	99
11) Tert butyl alcohol	3.08	59	415517	247.383	ug/l	99
12) 1,1-Dichloroethene	2.37	96	317537	50.710	ug/l	98
13) Acrolein	2.29	56	191824	264.619	ug/l	98
14) Allyl chloride	2.73	41	559376	52.124	ug/l	99
15) Acrylonitrile	3.15	53	967438	250.900	ug/l	99
16) Acetone	2.45	43	990354	281.344	ug/l	99
17) Carbon Disulfide	2.57	76	857389	53.182	ug/l	100
18) Methyl Acetate	2.78	43	485565	47.633	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	1092738	50.278	ug/l	100
20) Methylene Chloride	2.85	84	352808	52.726	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	342041	49.016	ug/l	99
22) Diisopropyl ether	3.87	45	1026333	50.871	ug/l	99
23) Vinyl Acetate	3.82	43	4427092	260.198	ug/l	99
24) 1,1-Dichloroethane	3.70	63	596021	52.832	ug/l	99
25) 2-Butanone	4.70	43	1334785	265.010	ug/l	98
26) 2,2-Dichloropropane	4.58	77	479087	55.227	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	381843	49.609	ug/l	98
28) Bromochloromethane	5.02	49	240235	48.604	ug/l	97
29) Tetrahydrofuran	5.15	42	823859	251.694	ug/l	97
30) Chloroform	5.21	83	595200	50.392	ug/l	99
31) Cyclohexane	5.57	56	526899	52.476	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	533075	53.246	ug/l	99
36) 1,1-Dichloropropene	5.80	75	454497	53.595	ug/l	100
37) Ethyl Acetate	4.85	43	484873	53.332	ug/l	98
38) Carbon Tetrachloride	5.78	117	475093	55.683	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	592330	54.790	ug/l	98
40) Benzene	6.14	78	1349252	52.144	ug/l	99
41) Methacrylonitrile	5.06	41	265462	50.685	ug/l	98
42) 1,2-Dichloroethane	6.20	62	454006	50.774	ug/l	99
43) Isopropyl Acetate	6.46	43	784485	54.703	ug/l	98
44) Trichloroethene	7.21	130	404626	52.183	ug/l	96
45) 1,2-Dichloropropane	7.51	63	341067	52.430	ug/l	99
46) Dibromomethane	7.66	93	244444	53.467	ug/l	98
47) Bromodichloromethane	7.90	83	443507	56.991	ug/l	95
48) Methyl methacrylate	7.77	41	396833	53.885	ug/l	96
49) 1,4-Dioxane	7.75	88	182643	1086.726	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2495850	270.812	ug/l	99
52) Toluene	8.79	92	888243	53.408	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	508130	58.884	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	548894	57.599	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	354361	53.233	ug/l	98
56) Ethyl methacrylate	9.18	69	538823	55.445	ug/l	96
57) 1,3-Dichloropropane	9.37	76	578024	53.002	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1475360	295.270	ug/l	98
59) 2-Hexanone	9.49	43	1983041	282.354	ug/l	98
60) Dibromochloromethane	9.59	129	391658	60.591	ug/l	99
61) 1,2-Dibromoethane	9.67	107	394273	53.800	ug/l	99
64) Tetrachloroethene	9.34	164	397856	51.458	ug/l	95
65) Chlorobenzene	10.14	112	1025852	52.668	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	371430	56.687	ug/l	99
67) Ethyl Benzene	10.25	91	1711334	53.221	ug/l	99
68) m/p-Xylenes	10.36	106	1374360	108.485	ug/l	99
69) o-Xylene	10.70	106	659493	53.378	ug/l	97
70) Styrene	10.71	104	1065665	54.460	ug/l	99
71) Bromoform	10.86	173	301771	51.338	ug/l	99
73) Isopropylbenzene	11.02	105	1771960	53.384	ug/l	99
74) N-amyl acetate	10.90	43	705978	52.827	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	527529	50.062	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	619456	64.939	ug/l	91
77) Bromobenzene	11.26	156	468492	51.225	ug/l	99
78) n-propylbenzene	11.36	91	1994097	54.725	ug/l	99
79) 2-Chlorotoluene	11.42	91	1142844	52.103	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1462020	52.714	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	164987	52.031	ug/l	94
82) 4-Chlorotoluene	11.51	91	1348229	53.087	ug/l	99
83) tert-Butylbenzene	11.77	119	1488689	53.798	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1491590	53.481	ug/l	100
85) sec-Butylbenzene	11.94	105	1783558	53.969	ug/l	100
86) p-Isopropyltoluene	12.06	119	1609761	54.457	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	851548	51.512	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	854520	54.545	ug/l	100
89) n-Butylbenzene	12.39	91	1421541	56.412	ug/l	99
90) Hexachloroethane	12.60	117	263128	55.423	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	831885	50.994	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	116054	55.686	ug/l	99

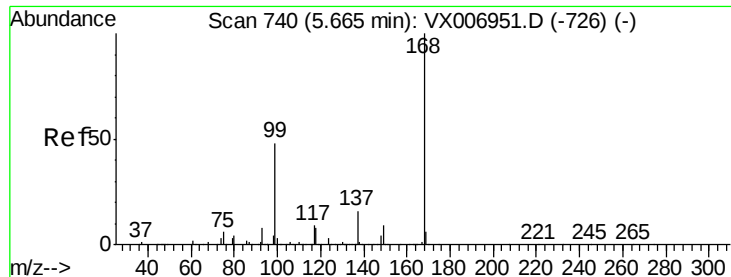
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010919\
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ClientSampleId :
VSTDCCC050

Quant Time: Jan 10 00:49:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	608725	54.388	ug/l	99
94) Hexachlorobutadiene	13.79	225	274882	55.345	ug/l	98
95) Naphthalene	13.83	128	1809595	53.357	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	591388	53.191	ug/l	99

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

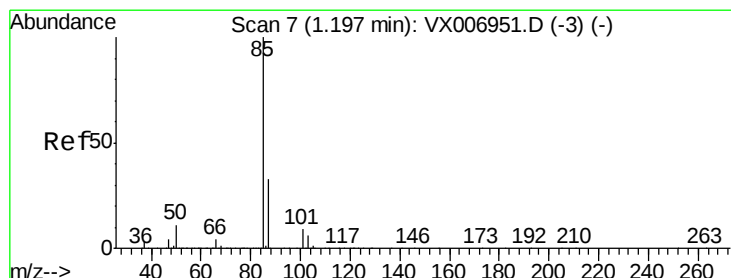
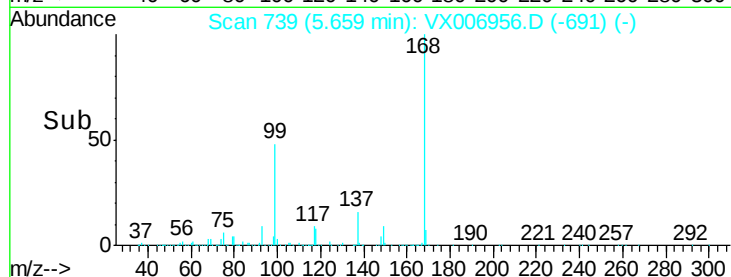
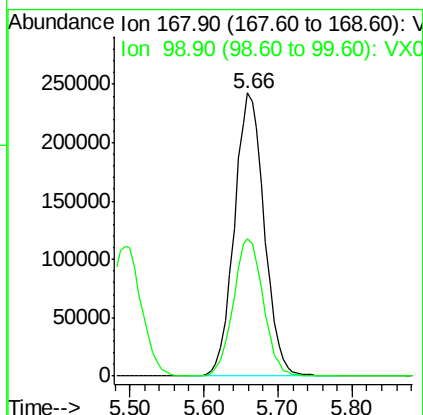
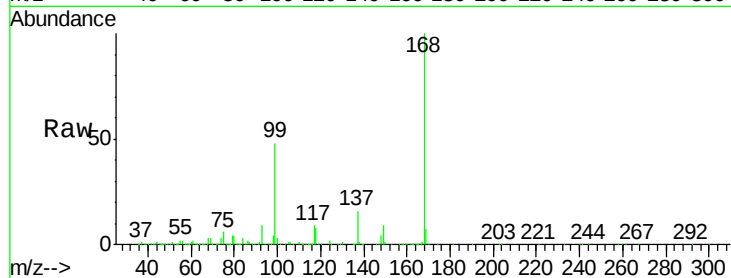


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: VX006956.D
 Acq: 09 Jan 2019 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

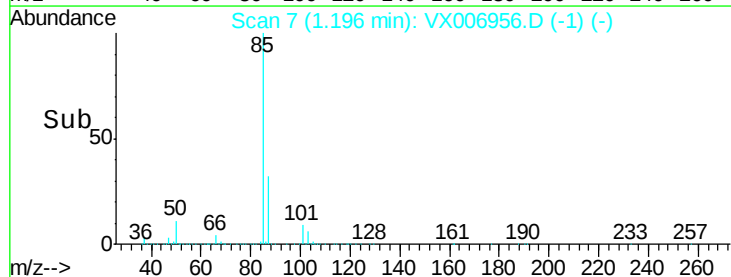
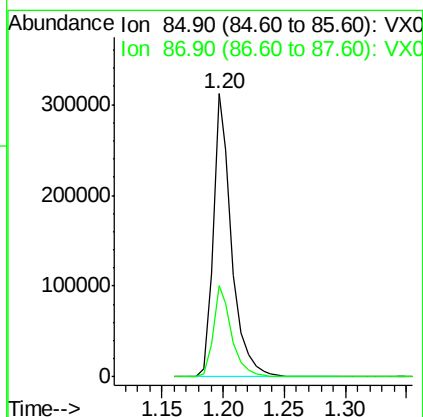
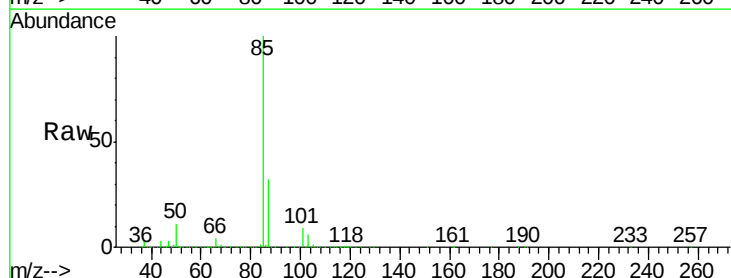
Tot Ion:168 Resp: 681320
 Ion Ratio Lower Upper
 168 100
 99 48.3 41.8 62.8

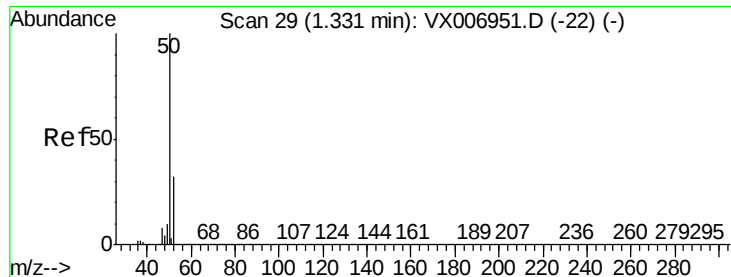


#2

Dichlorodifluoromethane
 Concen: 58.789 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. -0.00 min
 Lab File: VX006956.D
 Acq: 09 Jan 2019 10:17

Tgt Ion: 85 Resp: 328926
 Ion Ratio Lower Upper
 85 100
 87 32.3 15.9 47.6





#3

Chloromethane

Concen: 52.971 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

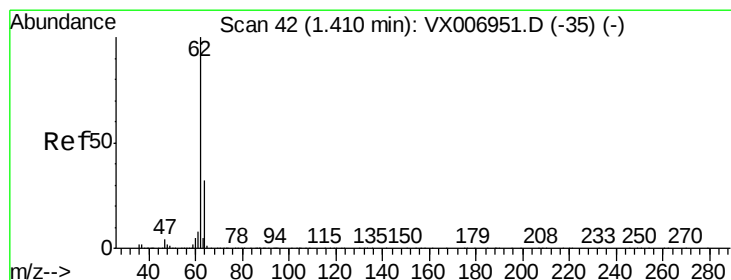
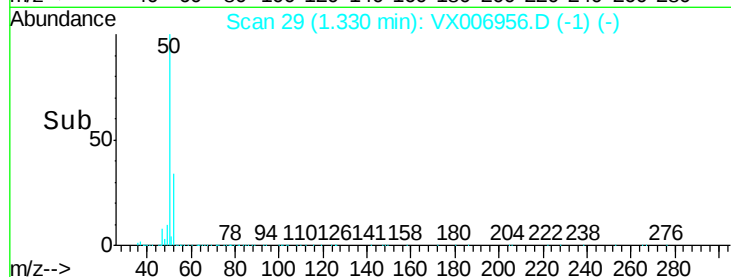
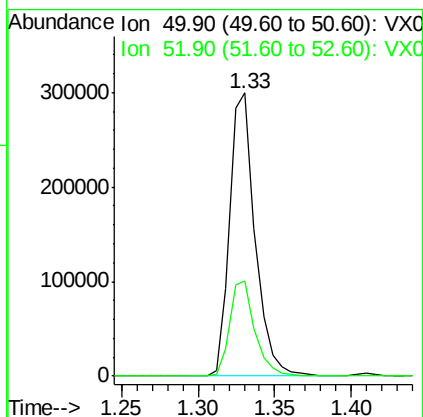
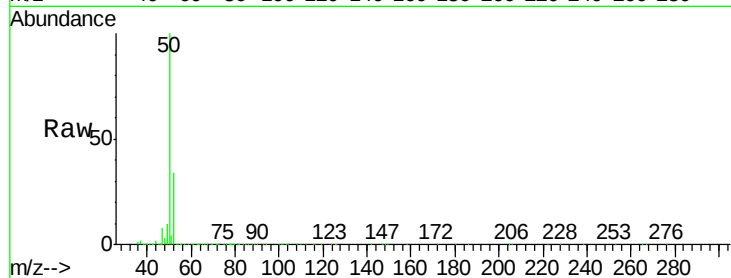
VSTDCCC050

Tot Ion: 50 Resp: 345019

Ion Ratio Lower Upper

50 100

52 33.8 25.4 38.2



#4

Vinyl Chloride

Concen: 52.331 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006956.D

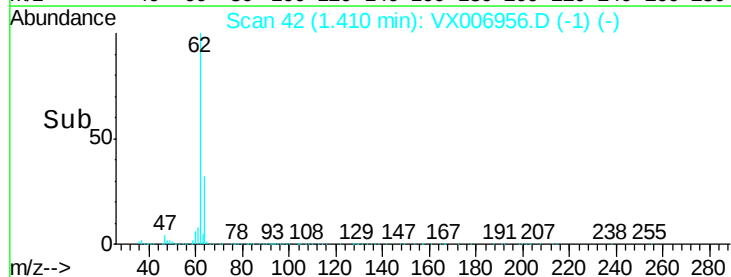
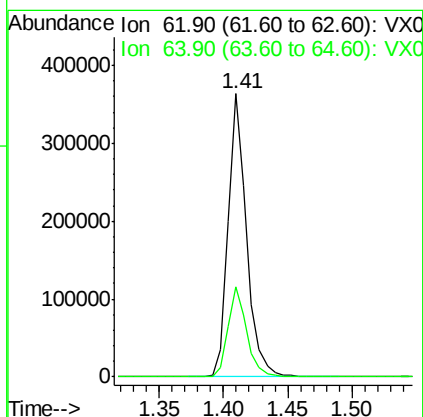
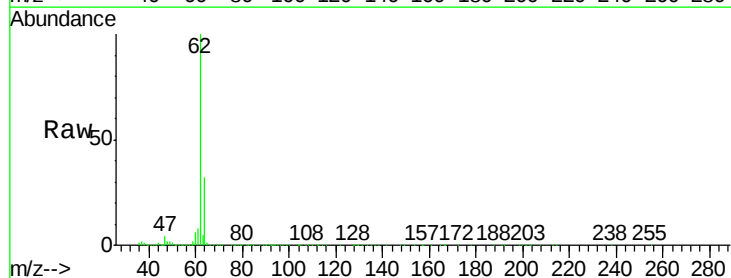
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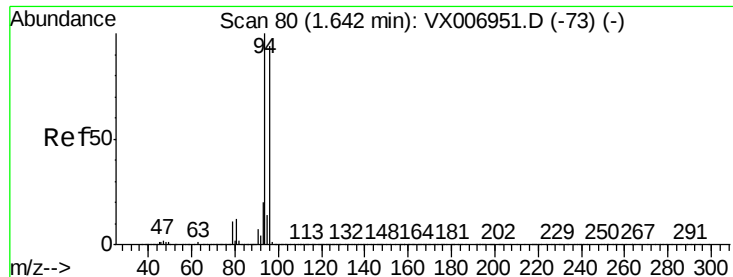
Tgt Ion: 62 Resp: 366648

Ion Ratio Lower Upper

62 100

64 31.6 25.1 37.7





#5

Bromomethane

Concen: 46.689 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

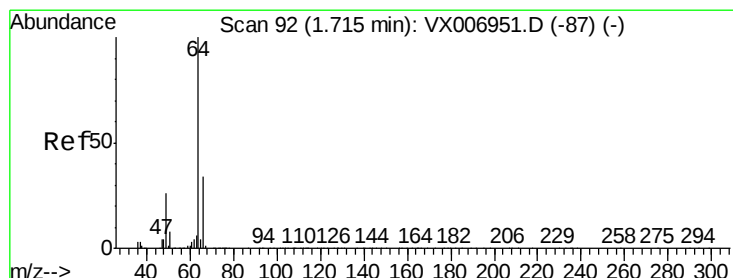
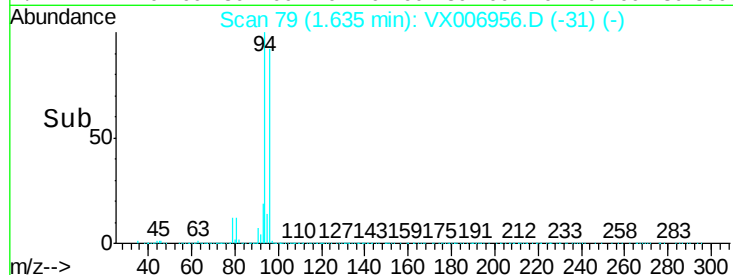
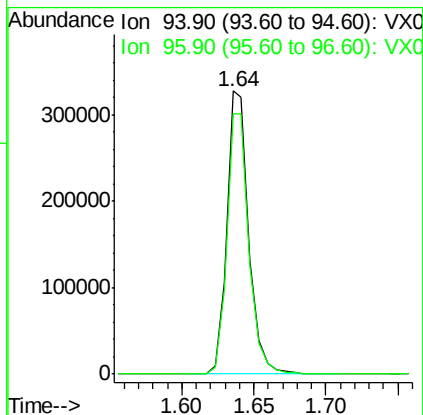
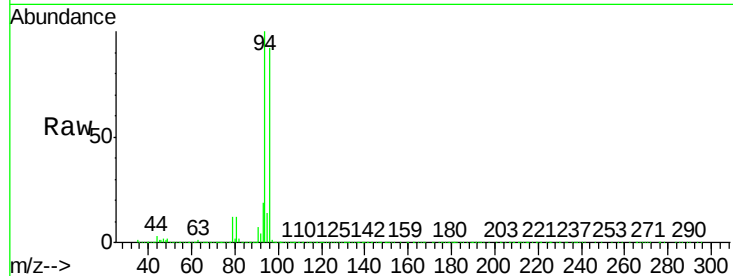
VSTDCCC050

Tot Ion: 94 Resp: 349492

Ion Ratio Lower Upper

94 100

96 91.9 73.4 110.2



#6

Chloroethane

Concen: 47.464 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX006956.D

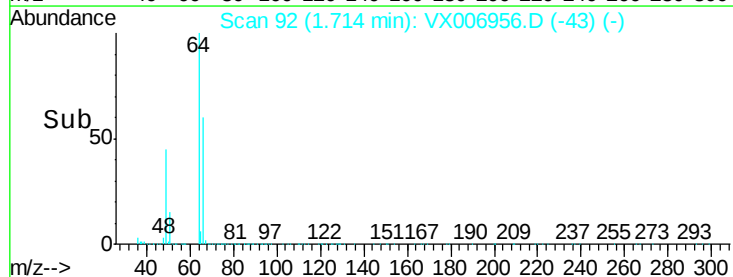
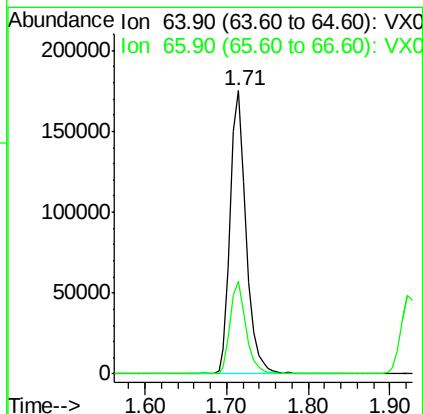
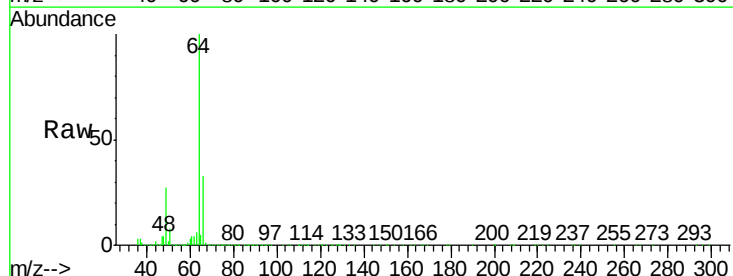
Acq: 09 Jan 2019 10:17

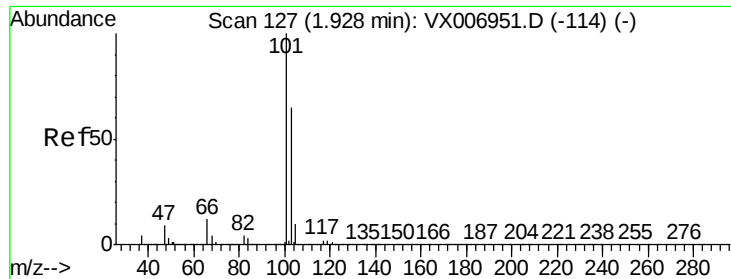
Tgt Ion: 64 Resp: 232201

Ion Ratio Lower Upper

64 100

66 32.7 26.4 39.6



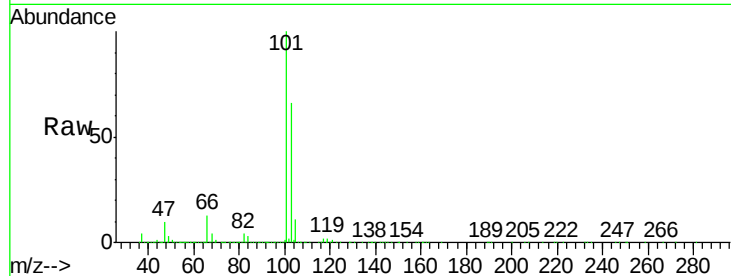


#7

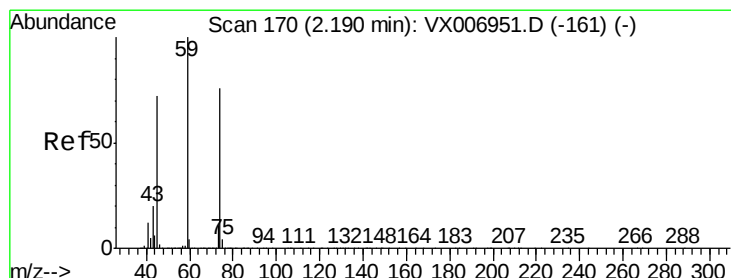
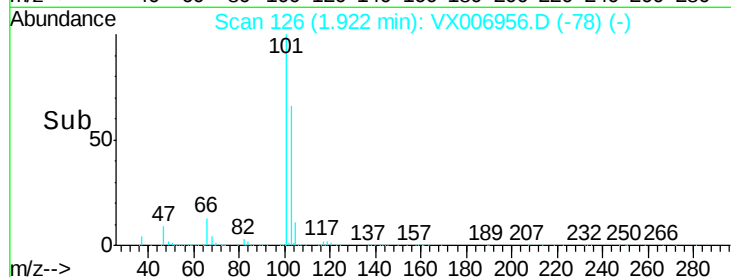
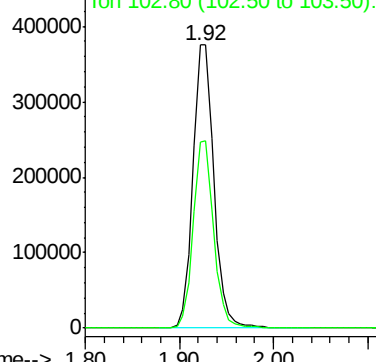
Trichlorofluoromethane
Concen: 51.079 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX006956.D
Acq: 09 Jan 2019 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:101 Resp: 578246
Ion Ratio Lower Upper
101 100
103 65.7 53.2 79.8



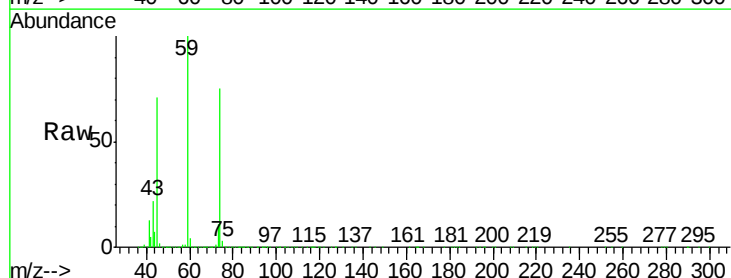
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



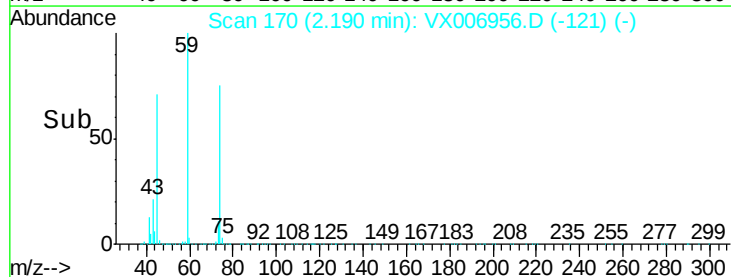
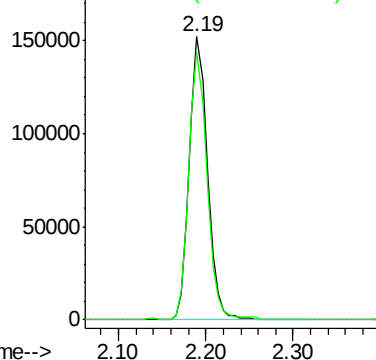
#8

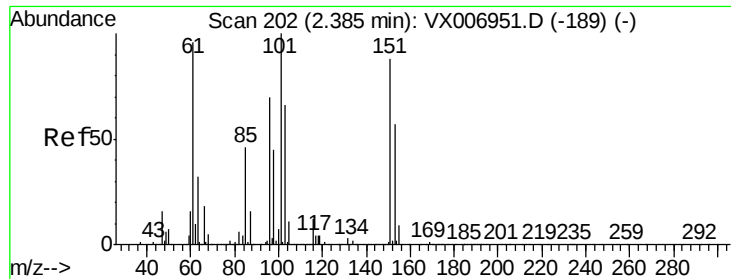
Diethyl Ether
Concen: 48.906 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006956.D
Acq: 09 Jan 2019 10:17

Tgt Ion: 74 Resp: 220266
Ion Ratio Lower Upper
74 100
45 92.6 46.3 138.9



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.638 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

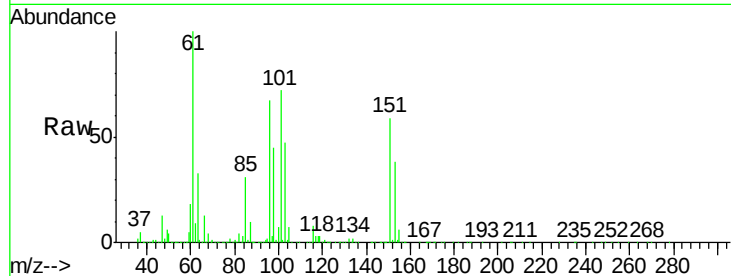
Tot Ion:101 Resp: 349982

Ion Ratio Lower Upper

101 100

85 43.7 35.1 52.7

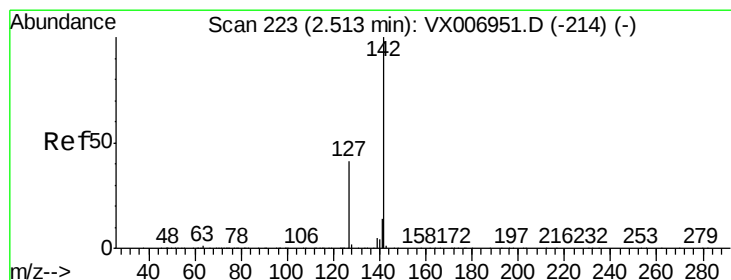
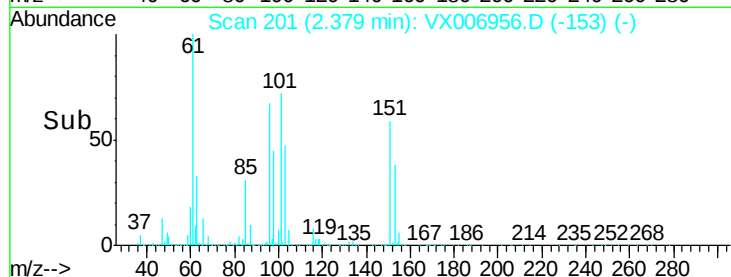
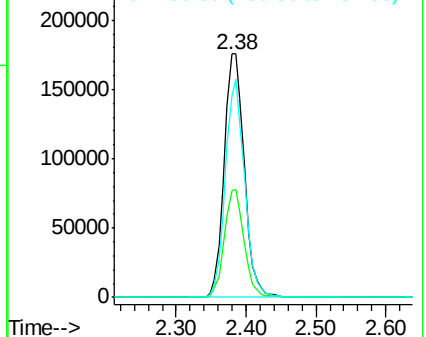
151 85.9 68.9 103.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 57.119 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

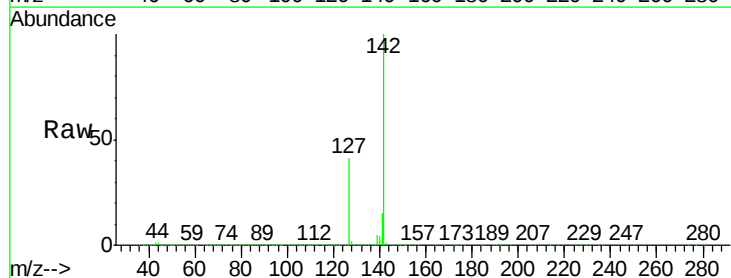
Tgt Ion:142 Resp: 522206

Ion Ratio Lower Upper

142 100

127 41.8 33.9 50.9

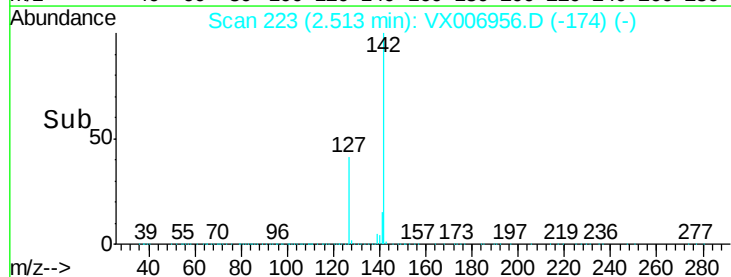
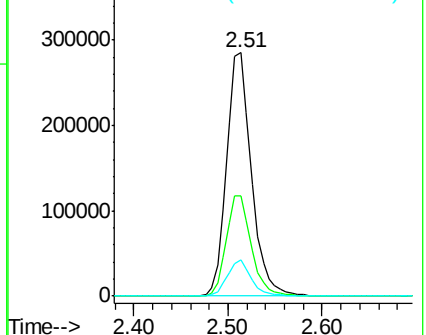
141 14.2 11.4 17.0

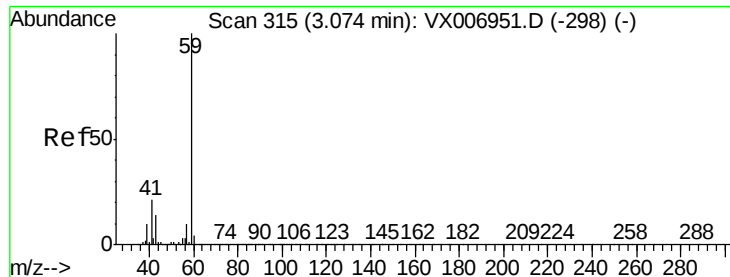


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



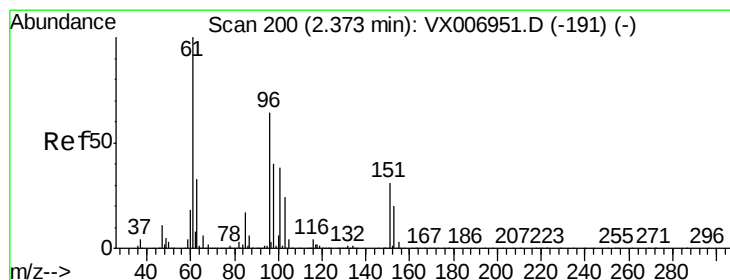
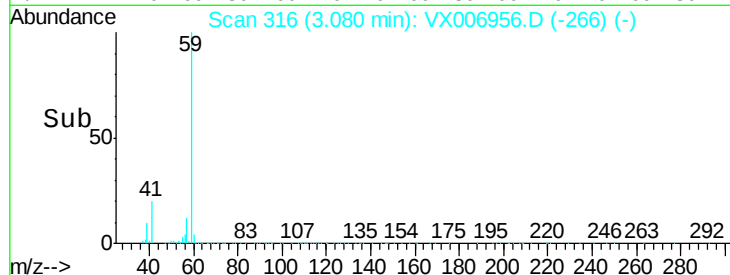
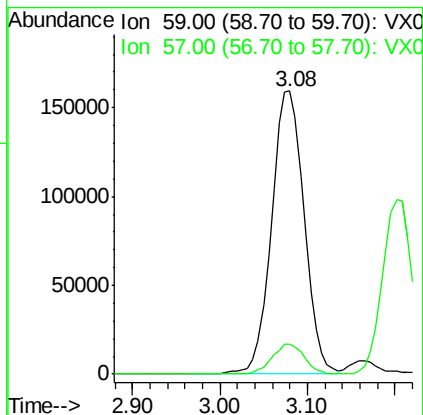
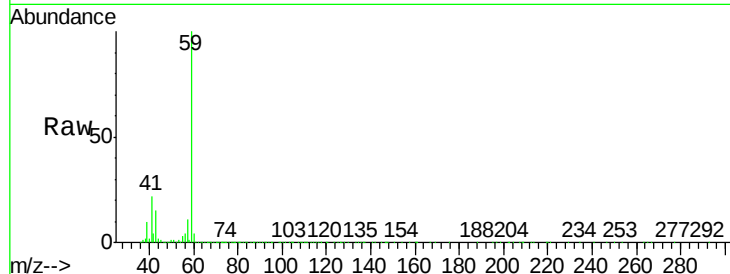


#11

Tert butyl alcohol
 Concen: 247.383 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX006956.D
 Acq: 09 Jan 2019 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

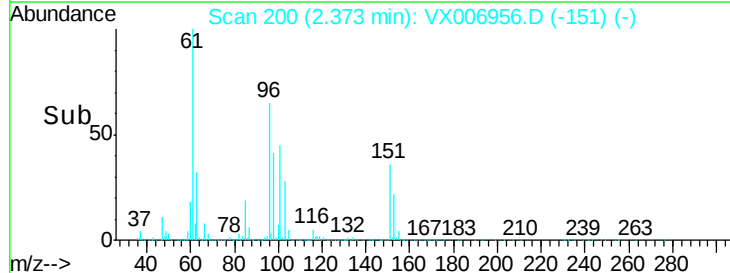
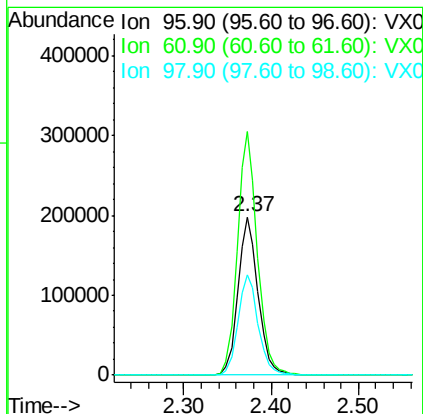
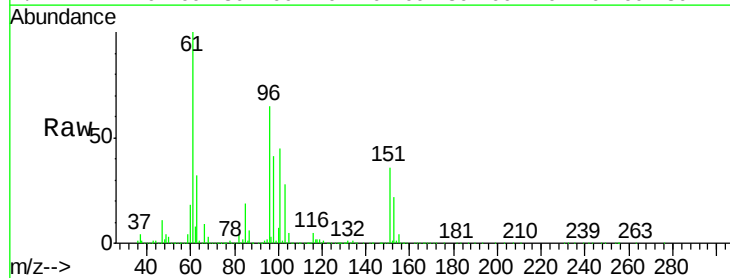
Tot Ion: 59 Resp: 415517
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.5 12.7

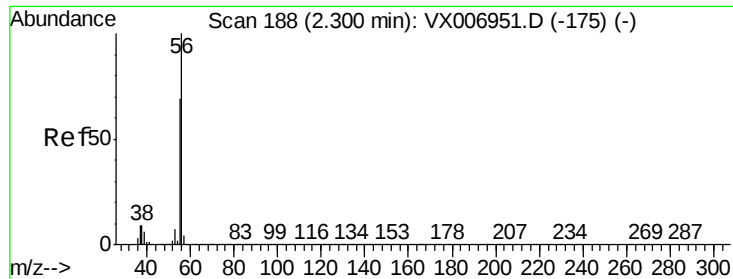


#12

1,1-Dichloroethene
 Concen: 50.710 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX006956.D
 Acq: 09 Jan 2019 10:17

Tgt Ion: 96 Resp: 317537
 Ion Ratio Lower Upper
 96 100
 61 154.1 121.4 182.2
 98 63.3 51.9 77.9





#13

Acrolein

Concen: 264.619 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

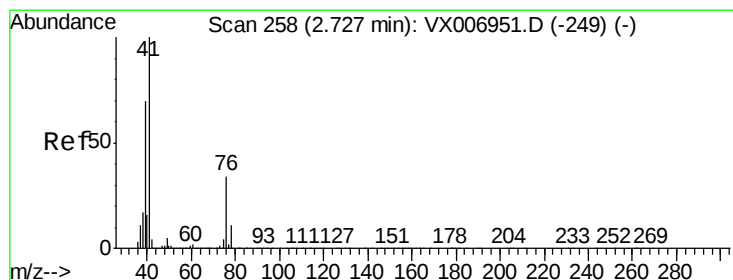
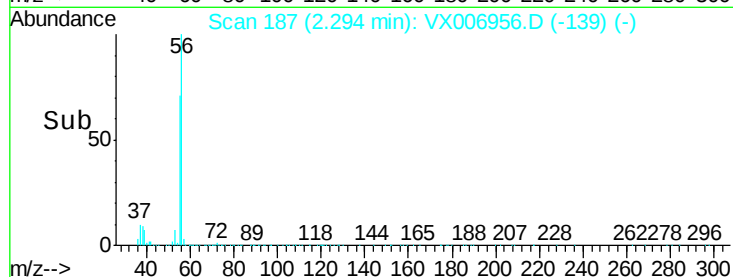
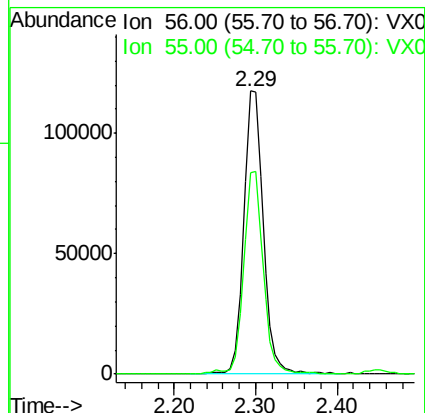
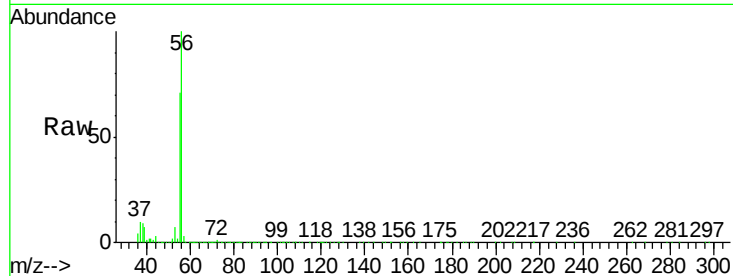
VSTDCCC050

Tot Ion: 56 Resp: 191824

Ion Ratio Lower Upper

56 100

55 71.0 58.2 87.4



#14

Allyl chloride

Concen: 52.124 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

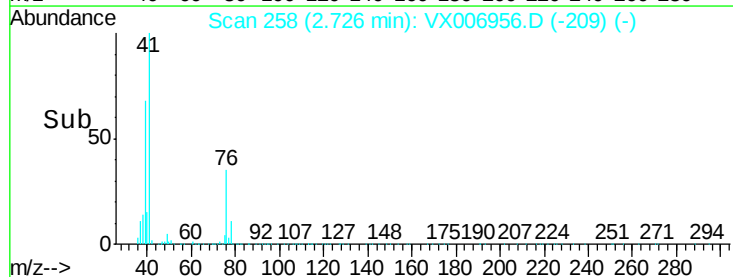
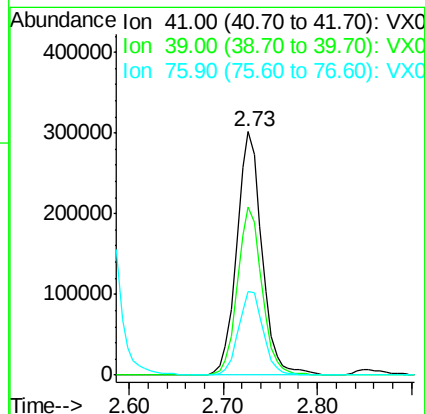
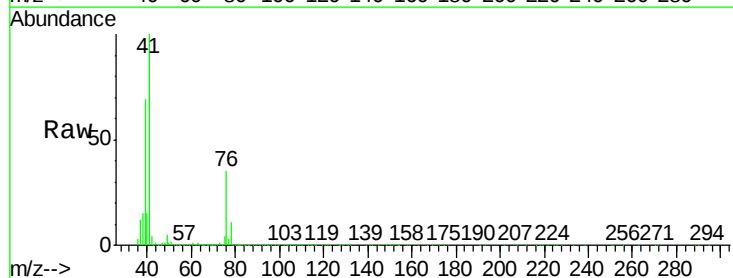
Tgt Ion: 41 Resp: 559376

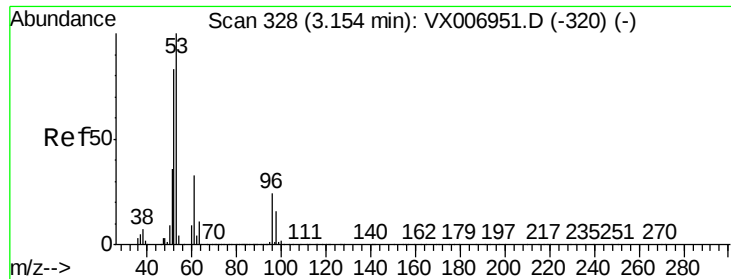
Ion Ratio Lower Upper

41 100

39 66.7 53.6 80.4

76 33.4 27.4 41.2





#15

Acrylonitrile

Concen: 250.900 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

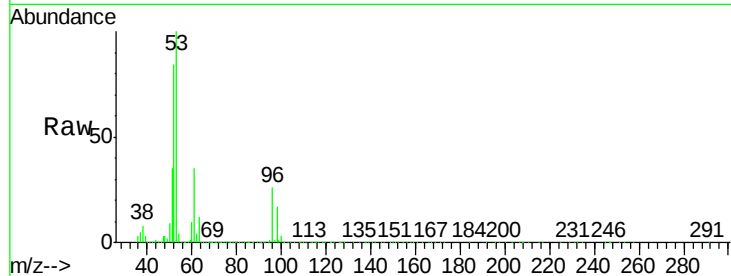
Tot Ion: 53 Resp: 967438

Ion Ratio Lower Upper

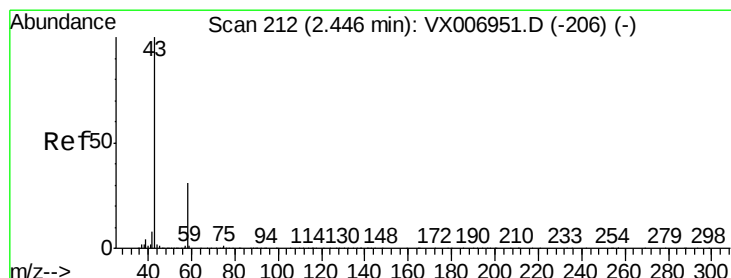
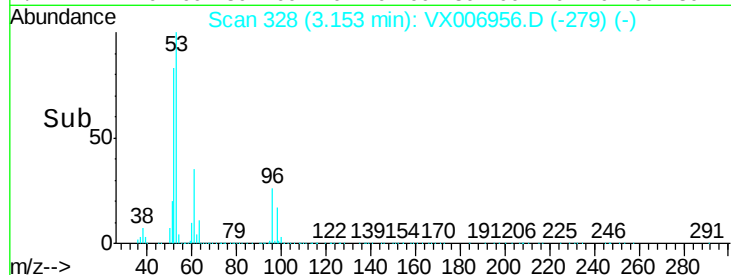
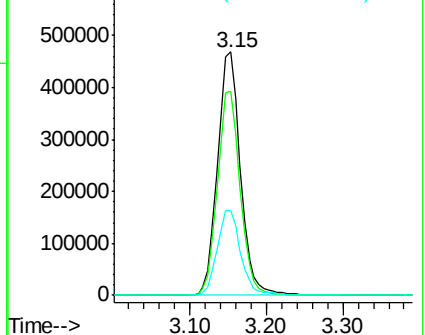
53 100

52 83.2 66.0 99.0

51 35.8 28.6 42.8



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: 281.344 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006956.D

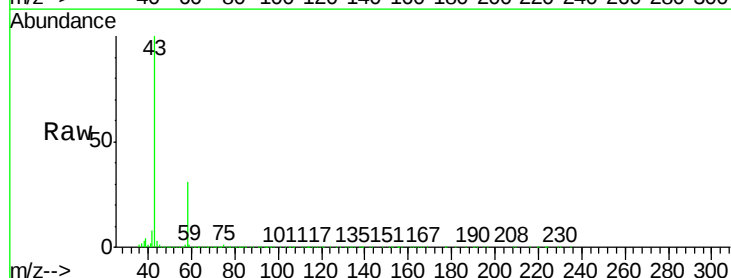
Acq: 09 Jan 2019 10:17

Tgt Ion: 43 Resp: 990354

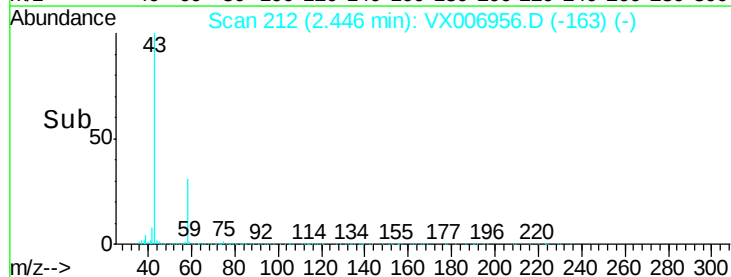
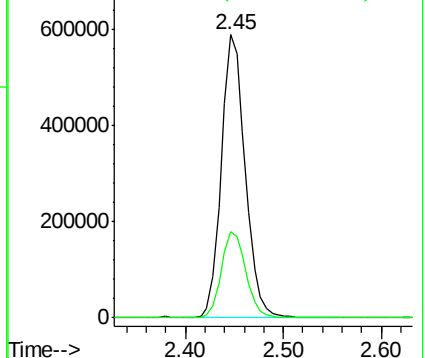
Ion Ratio Lower Upper

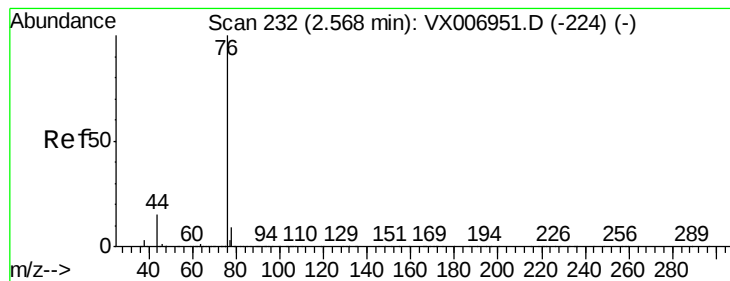
43 100

58 30.6 25.0 37.6



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





#17

Carbon Disulfide

Concen: 53.182 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

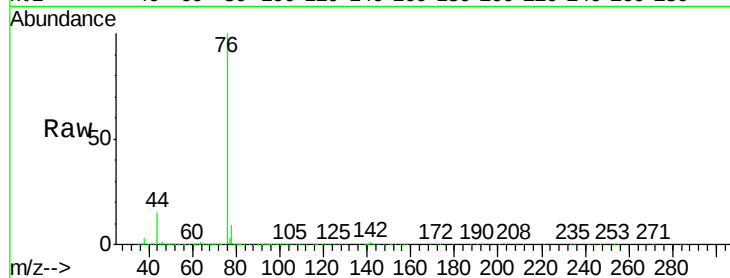
VSTDCCC050

Tot Ion: 76 Resp: 857389

Ion Ratio Lower Upper

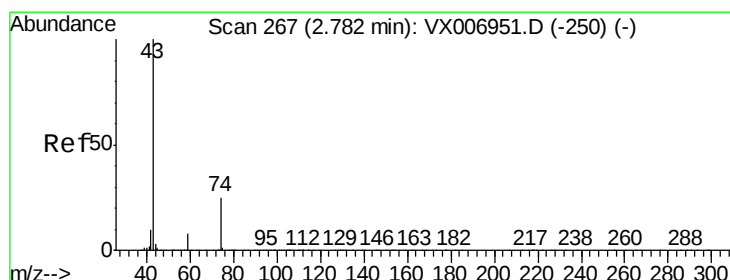
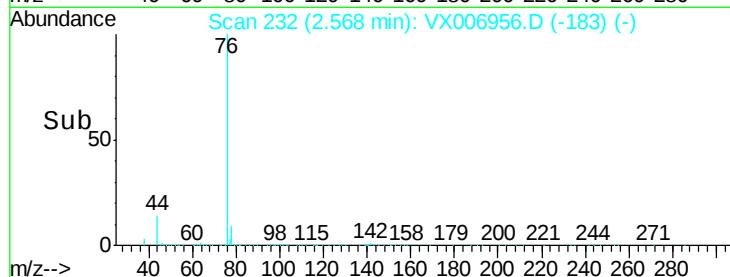
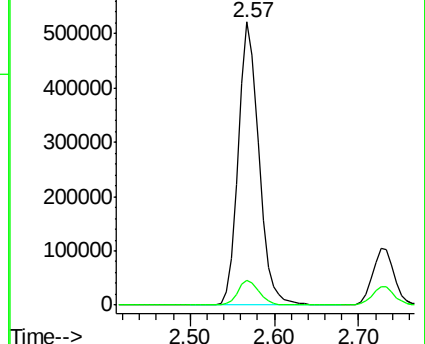
76 100

78 8.9 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 47.633 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX006956.D

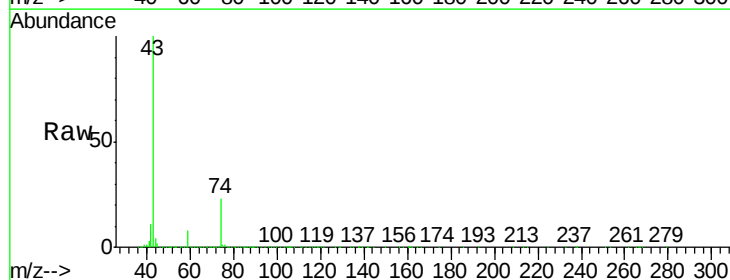
Acq: 09 Jan 2019 10:17

Tgt Ion: 43 Resp: 485565

Ion Ratio Lower Upper

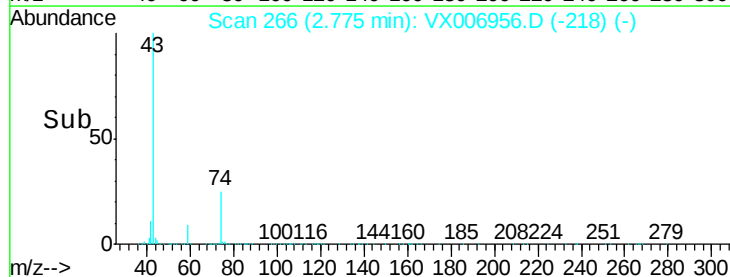
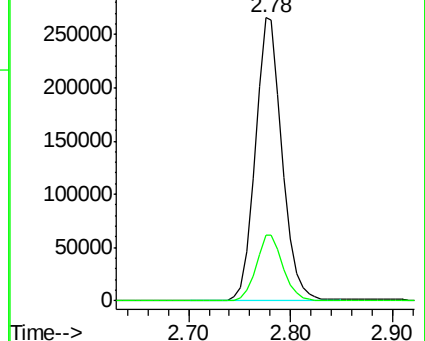
43 100

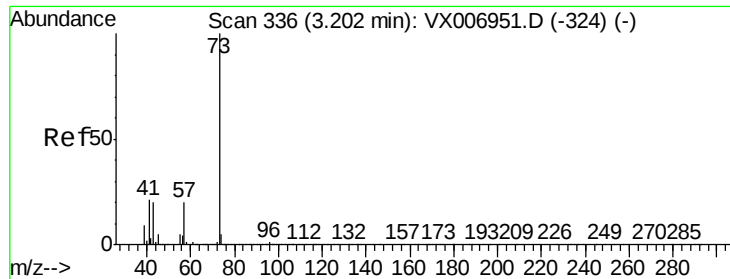
74 23.5 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

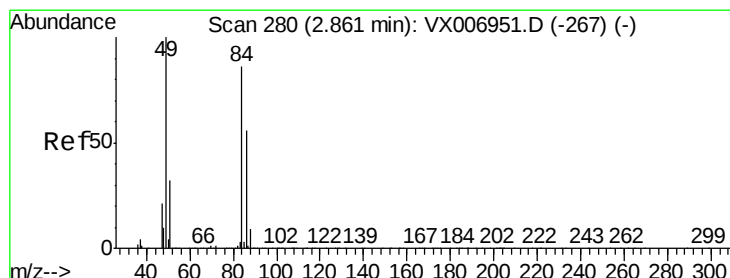
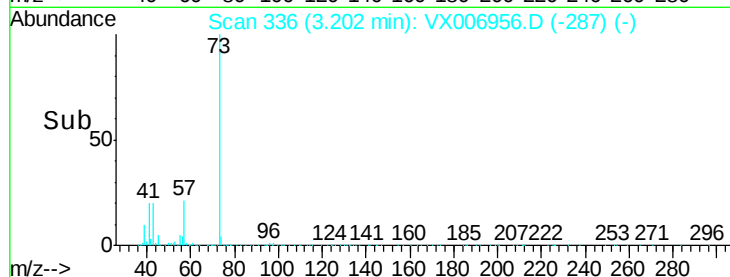
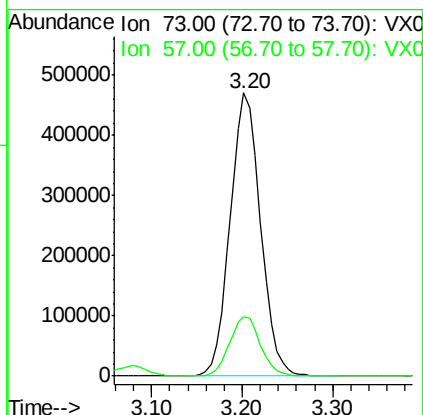
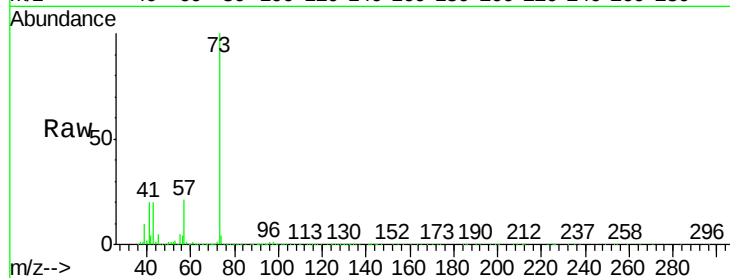




#19
Methyl tert-butyl Ether
Concen: 50.278 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006956.D
Acq: 09 Jan 2019 10:17

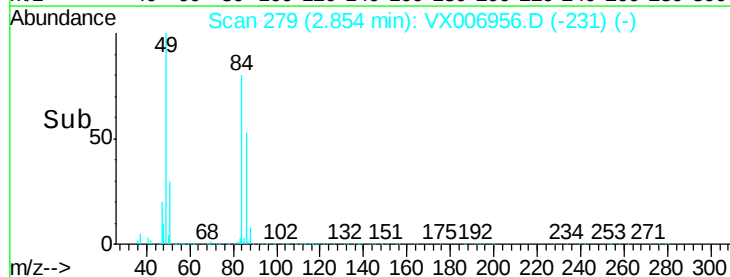
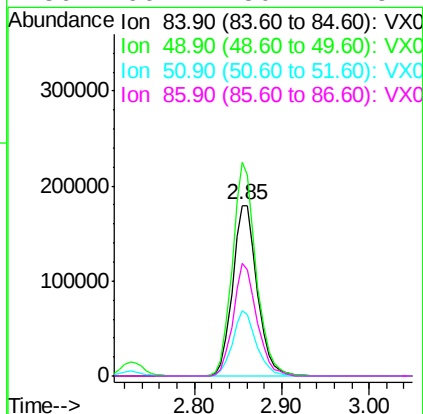
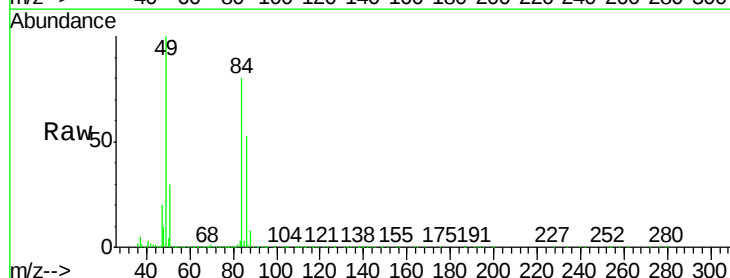
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

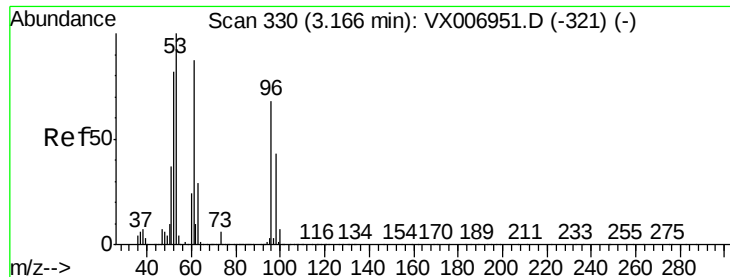
Tot Ion: 73 Resp: 1092738
Ion Ratio Lower Upper
73 100
57 20.9 16.8 25.2



#20
Methylene Chloride
Concen: 52.726 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006956.D
Acq: 09 Jan 2019 10:17

Tgt Ion: 84 Resp: 352808
Ion Ratio Lower Upper
84 100
49 125.2 91.8 137.6
51 38.0 28.5 42.7
86 66.1 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 49.016 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

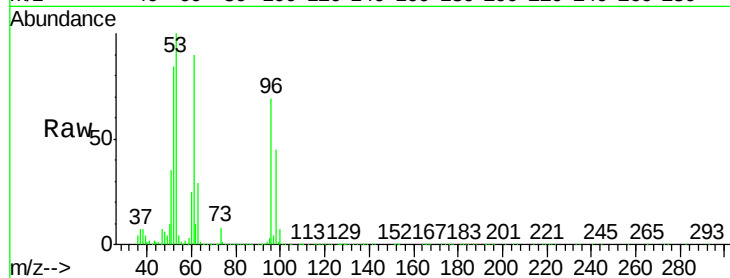
Tot Ion: 96 Resp: 342041

Ion Ratio Lower Upper

96 100

61 129.5 103.7 155.5

98 64.9 51.0 76.6

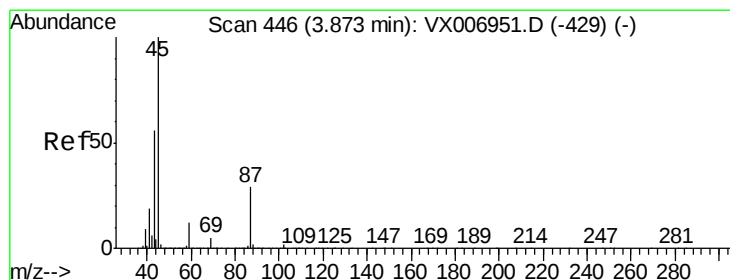
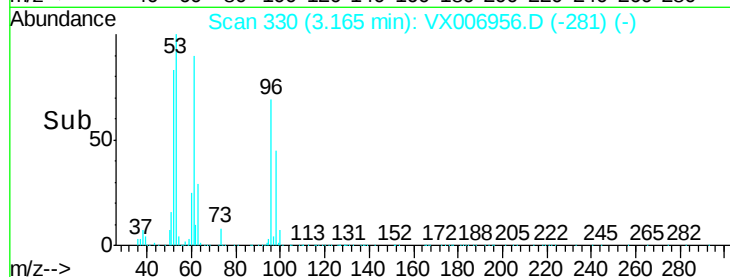
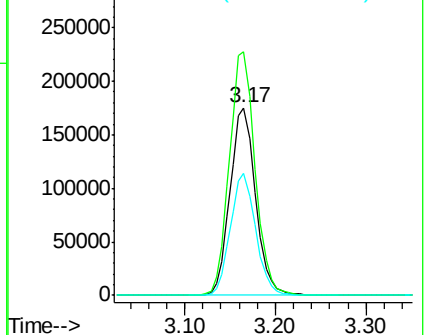


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.871 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

Tgt Ion: 45 Resp: 1026333

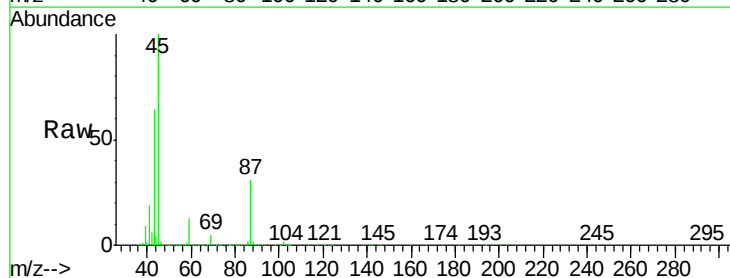
Ion Ratio Lower Upper

45 100

43 64.0 51.2 76.8

87 31.0 25.8 38.6

59 12.5 9.0 13.4



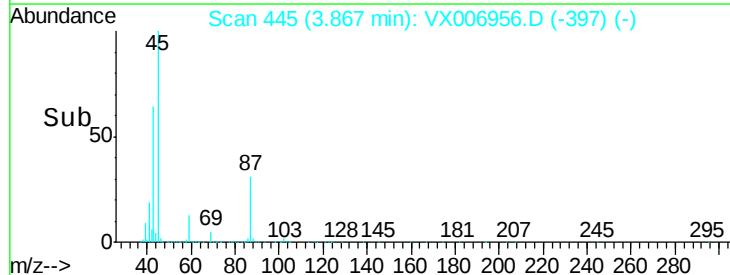
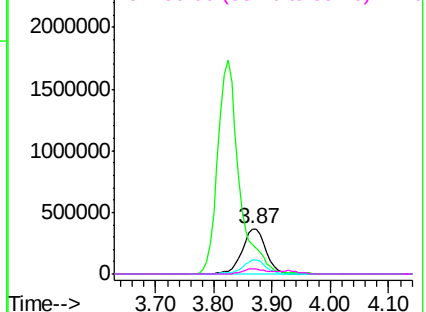
Abundance

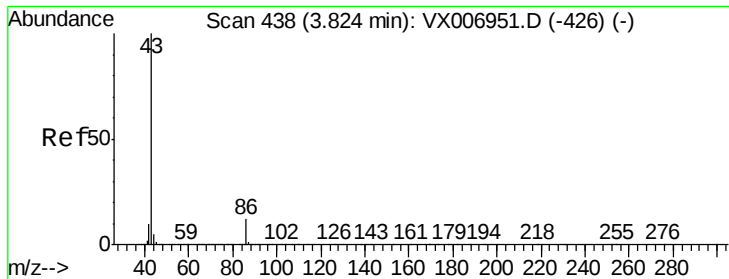
Ion 45.00 (44.70 to 45.70): VX0

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: 260.198 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

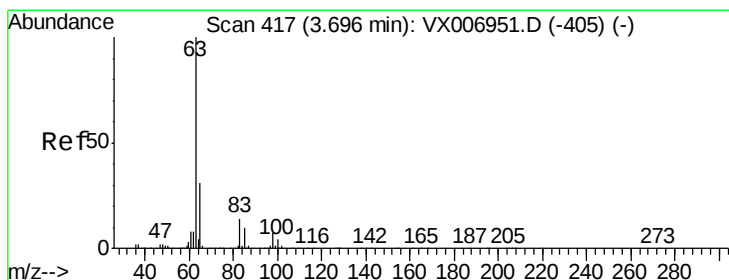
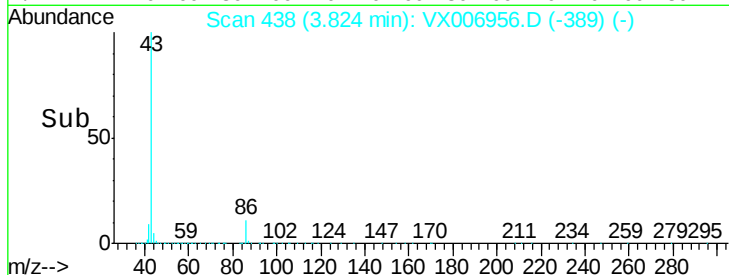
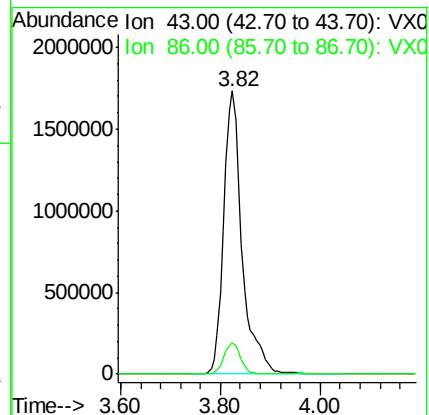
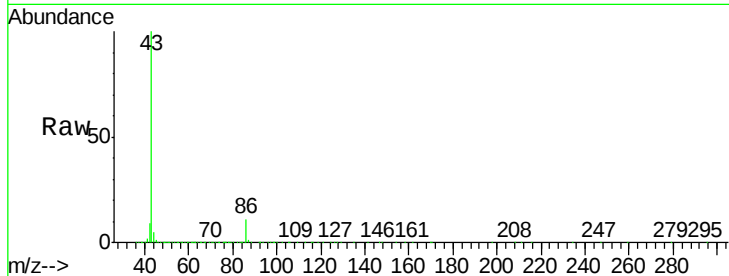
VSTDCCC050

Tot Ion: 43 Resp: 4427092

Ion Ratio Lower Upper

43 100

86 11.2 9.2 13.8



#24

1,1-Dichloroethane

Concen: 52.832 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

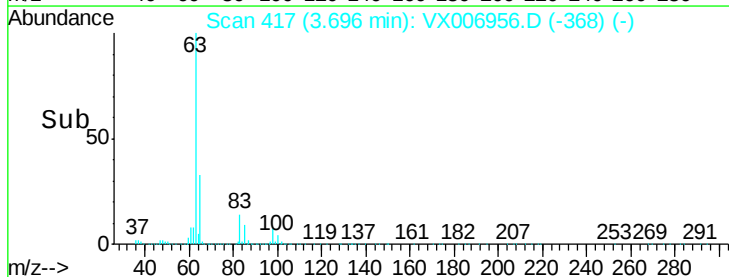
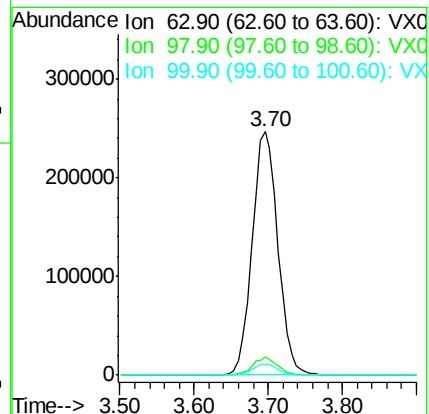
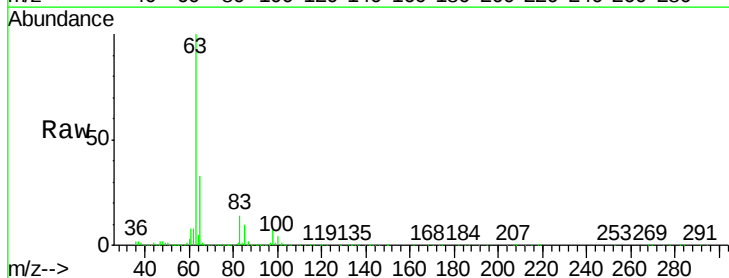
Tgt Ion: 63 Resp: 596021

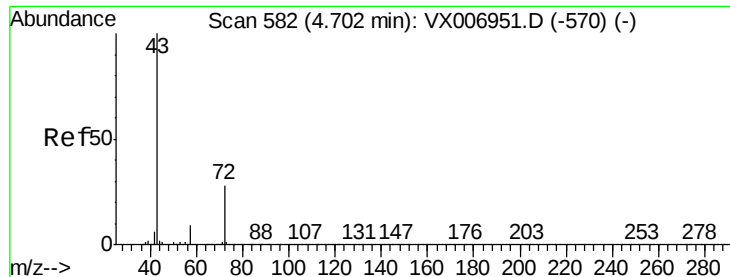
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

100 4.2 2.4 7.2





#25

2-Butanone

Concen: 265.010 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

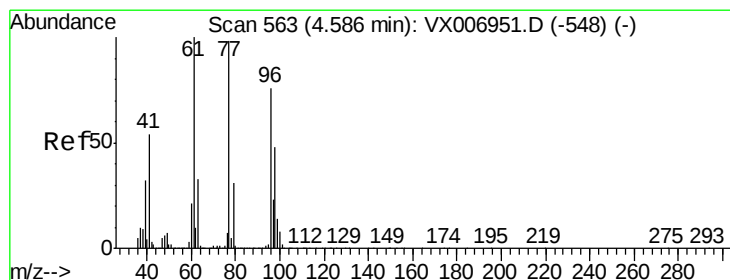
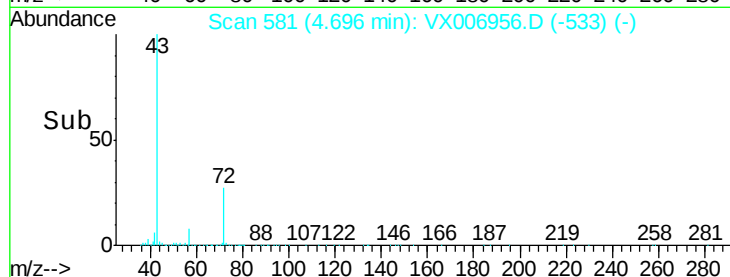
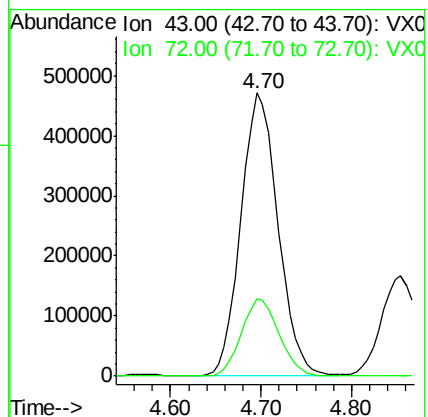
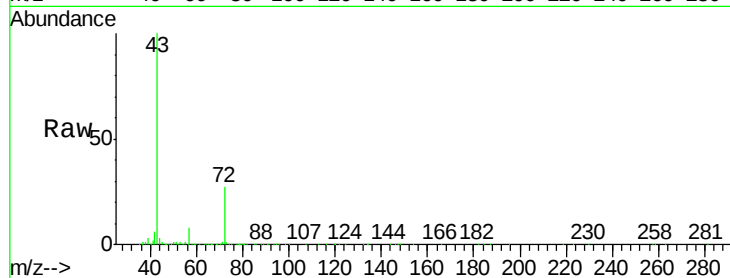
VSTDCCC050

Tot Ion: 43 Resp: 1334785

Ion Ratio Lower Upper

43 100

72 27.1 22.4 33.6



#26

2,2-Dichloropropane

Concen: 55.227 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006956.D

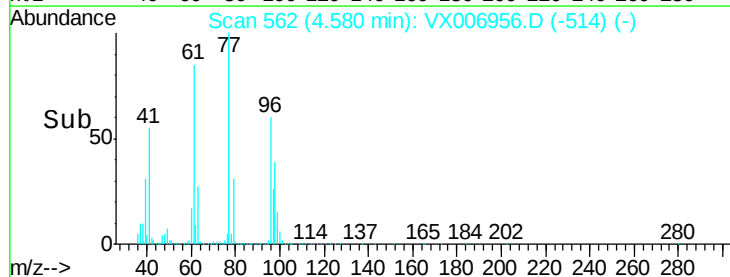
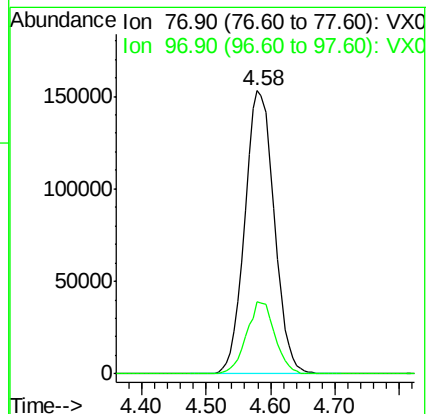
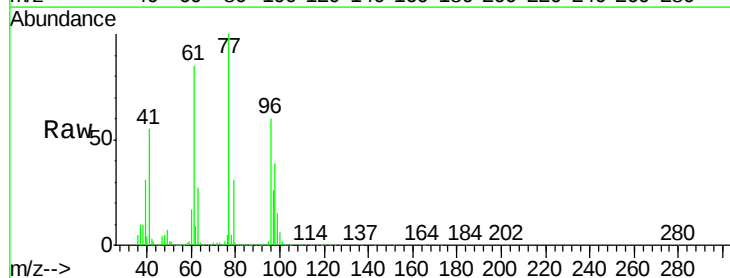
Acq: 09 Jan 2019 10:17

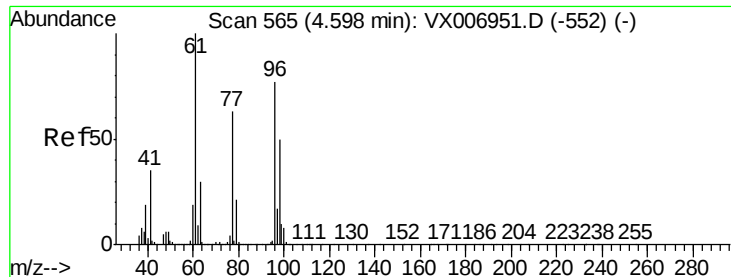
Tgt Ion: 77 Resp: 479087

Ion Ratio Lower Upper

77 100

97 24.6 12.4 37.4



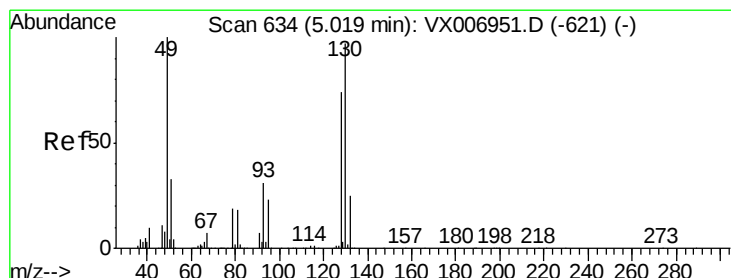
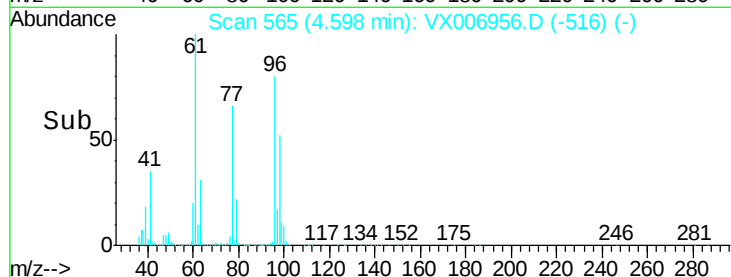
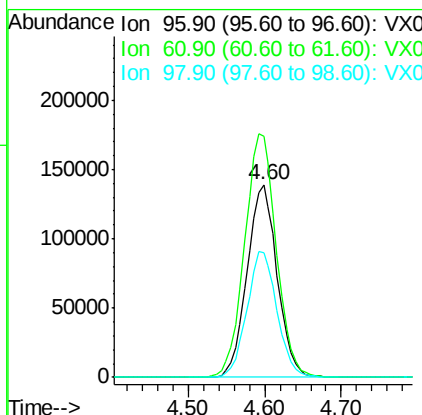
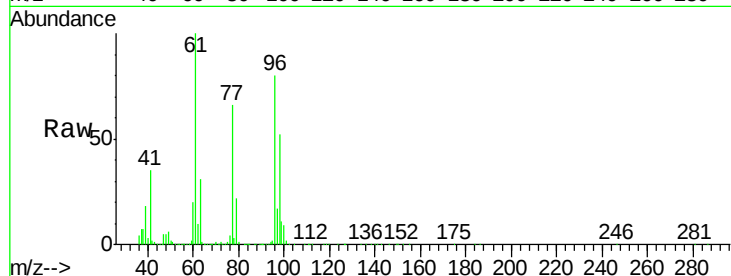


#27

cis-1,2-Dichloroethene
 Concen: 49.609 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX006956.D
 Acq: 09 Jan 2019 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

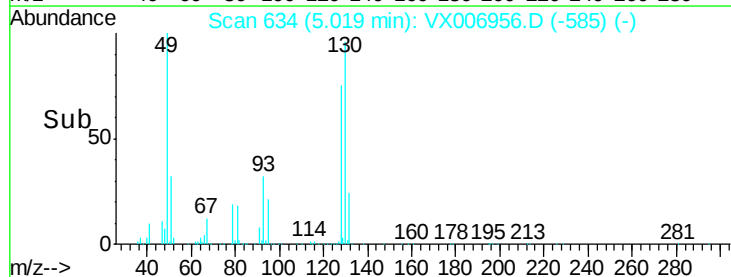
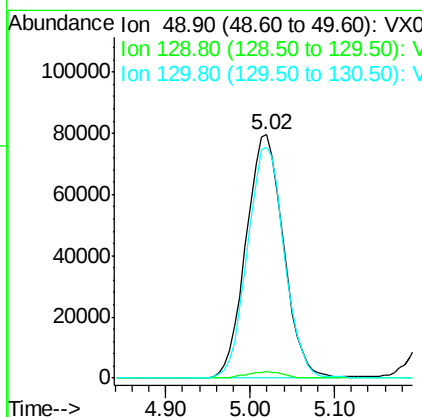
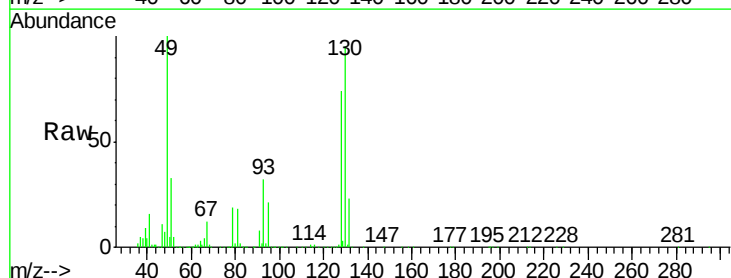
Tot Ion: 96 Resp: 381843
 Ion Ratio Lower Upper
 96 100
 61 132.3 0.0 258.6
 98 65.4 0.0 132.0

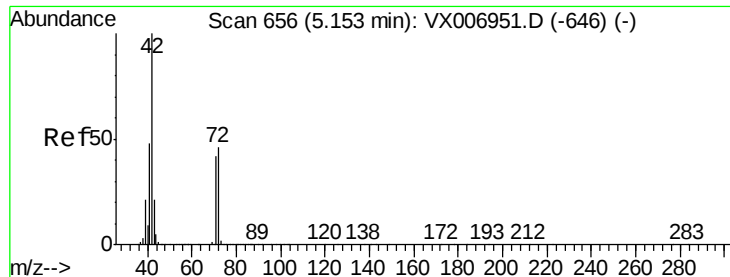


#28

Bromochloromethane
 Concen: 48.604 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX006956.D
 Acq: 09 Jan 2019 10:17

Tgt Ion: 49 Resp: 240235
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.4
 130 93.8 77.7 116.5





#29

Tetrahydrofuran

Concen: 251.694 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

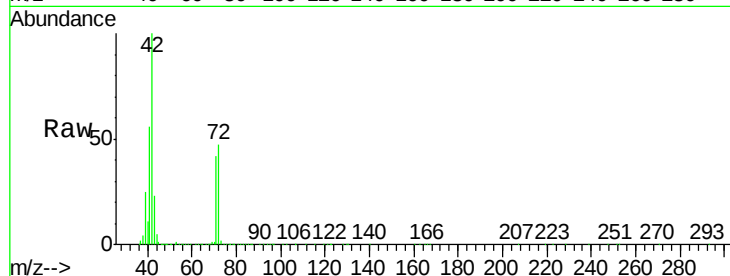
Tot Ion: 42 Resp: 823859

Ion Ratio Lower Upper

42 100

72 47.0 38.9 58.3

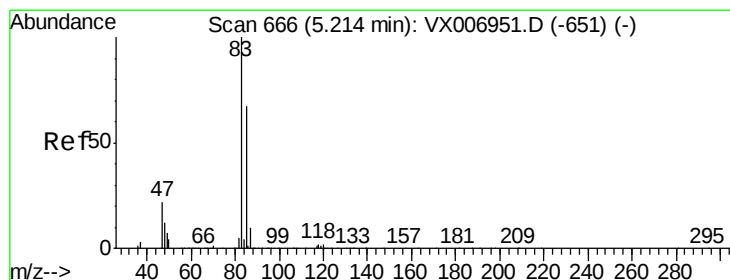
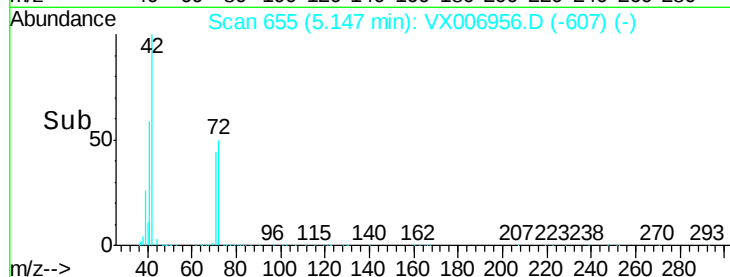
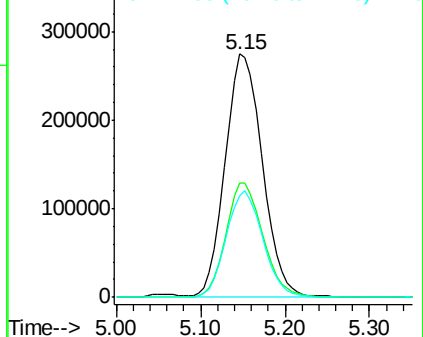
71 43.5 36.2 54.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 50.392 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX006956.D

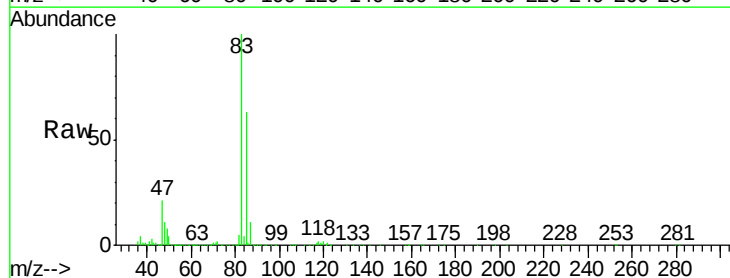
Acq: 09 Jan 2019 10:17

Tgt Ion: 83 Resp: 595200

Ion Ratio Lower Upper

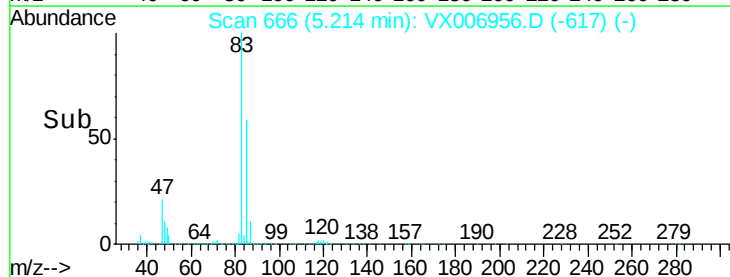
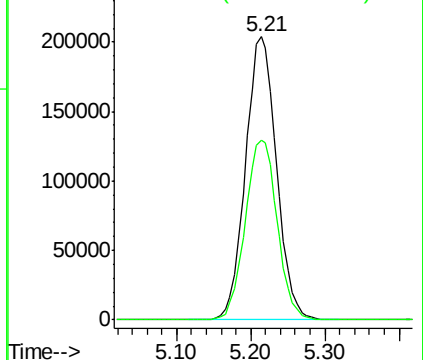
83 100

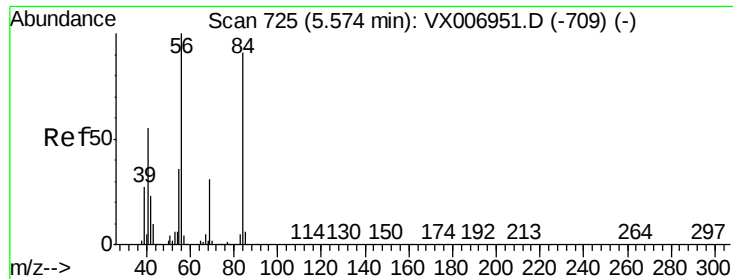
85 63.4 51.2 76.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 52.476 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

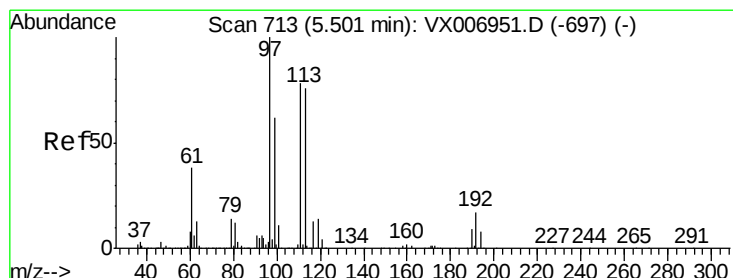
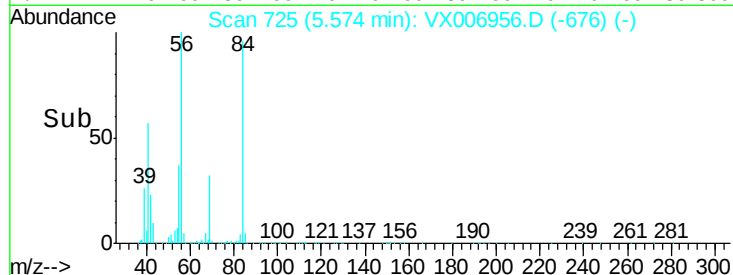
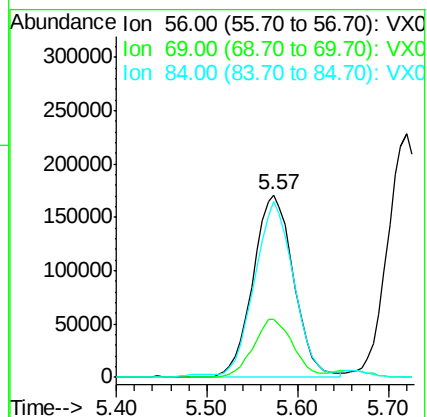
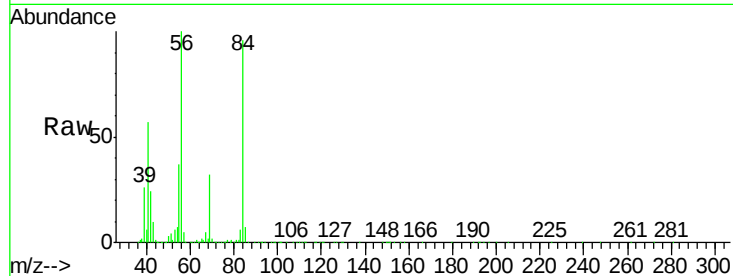
Tot Ion: 56 Resp: 526899

Ion Ratio Lower Upper

56 100

69 31.7 24.4 36.6

84 94.9 70.0 105.0



#32

1,1,1-Trichloroethane

Concen: 53.246 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

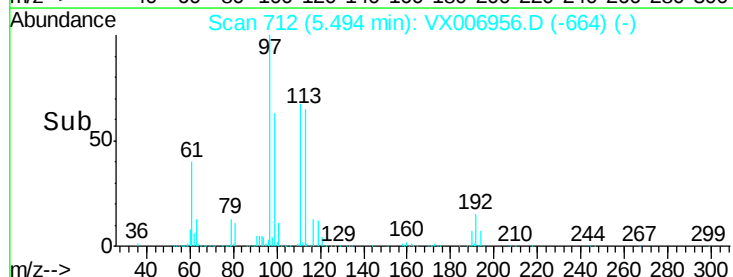
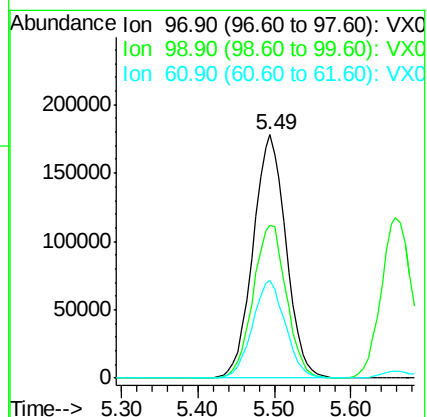
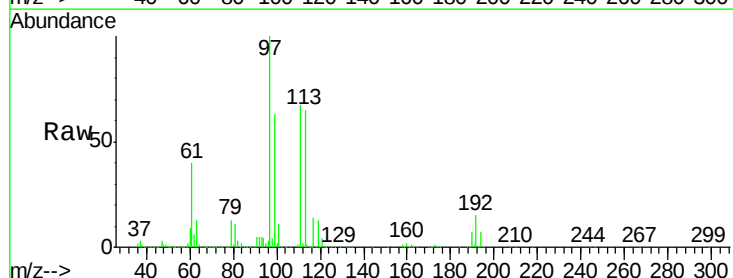
Tgt Ion: 97 Resp: 533075

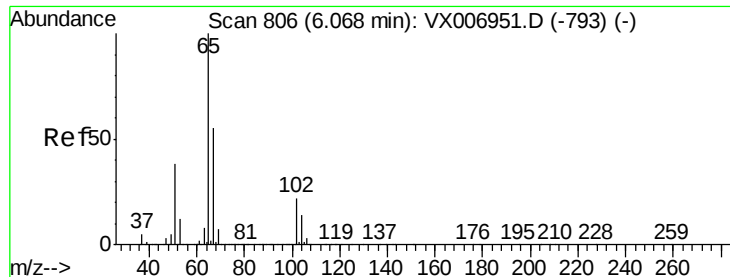
Ion Ratio Lower Upper

97 100

99 63.8 51.7 77.5

61 40.3 31.3 46.9

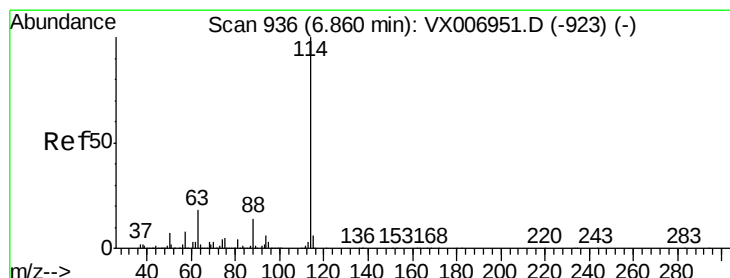
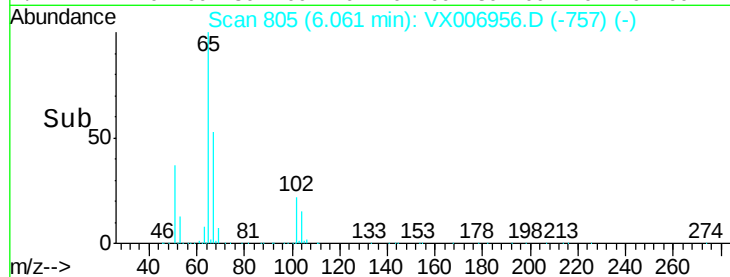
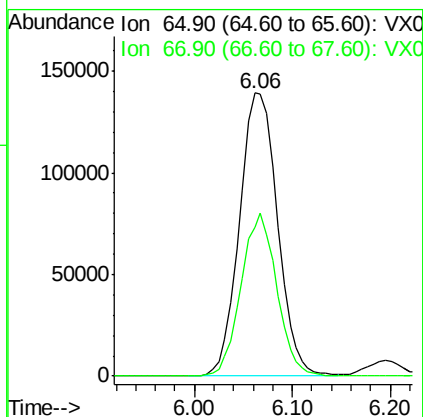
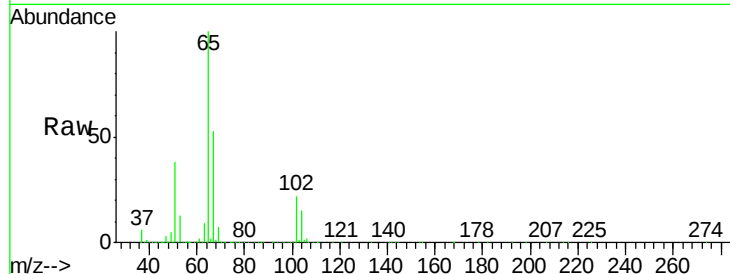




#33
 1,2-Dichloroethane-d4
 Concen: 52.798 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX006956.D
 Acq: 09 Jan 2019 10:17

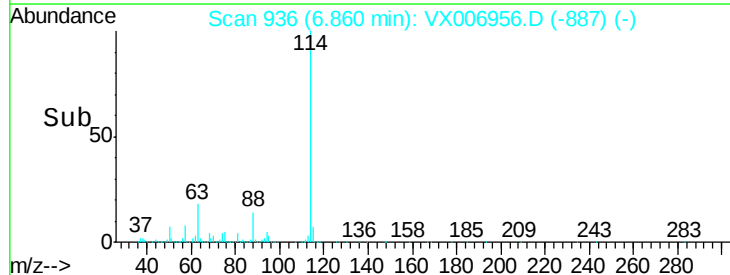
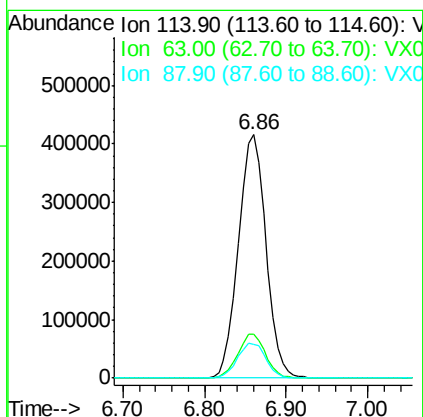
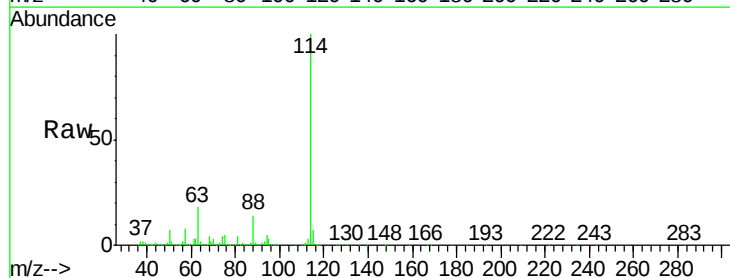
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

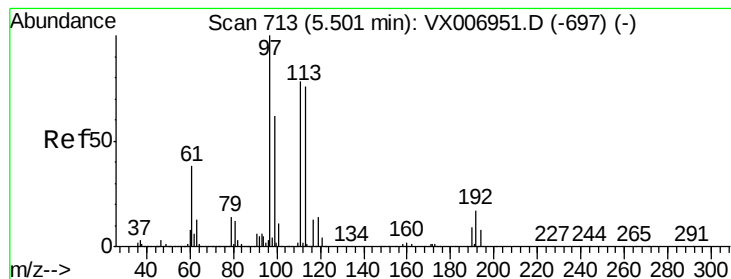
Tot Ion: 65 Resp: 375938
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006956.D
 Acq: 09 Jan 2019 10:17

Tgt Ion: 114 Resp: 975389
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 34.8
 88 14.0 0.0 28.8





#35

Dibromofluoromethane

Concen: 55.502 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

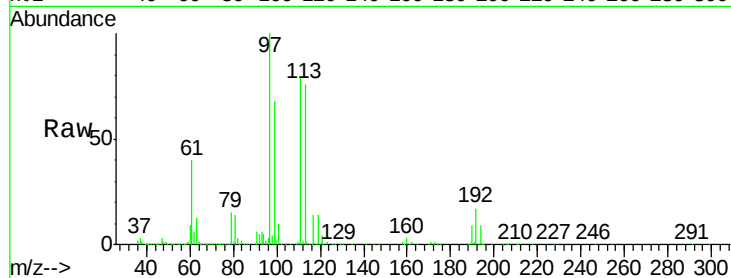
Tot Ion:113 Resp: 346683

Ion Ratio Lower Upper

113 100

111 102.4 81.6 122.4

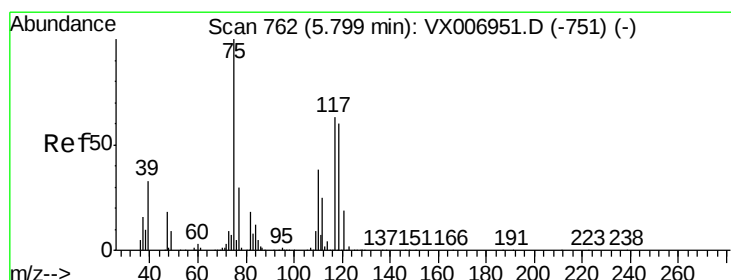
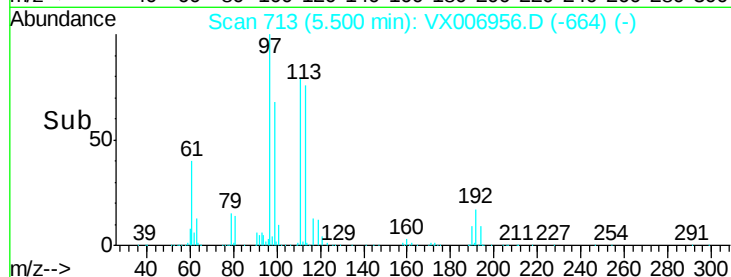
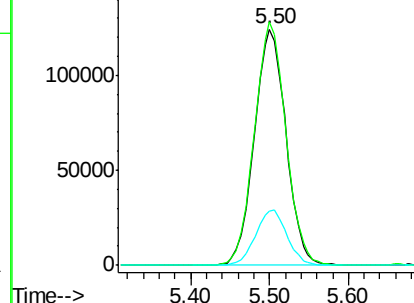
192 23.2 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 53.595 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

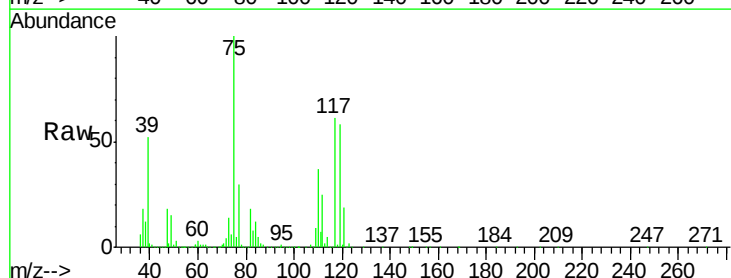
Tgt Ion: 75 Resp: 454497

Ion Ratio Lower Upper

75 100

110 39.9 20.2 60.5

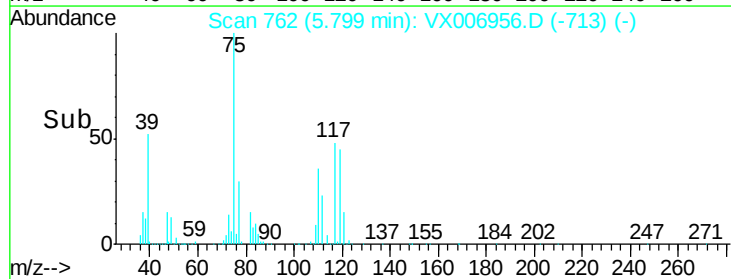
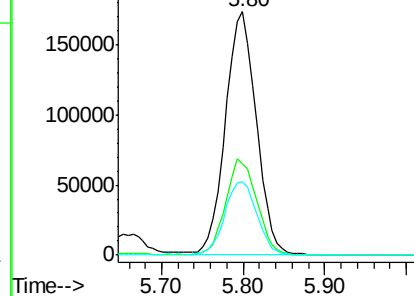
77 31.1 24.8 37.2

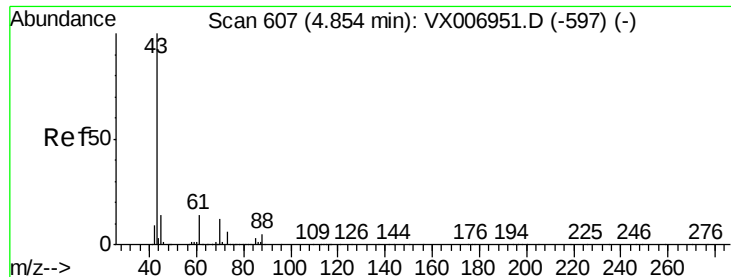


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

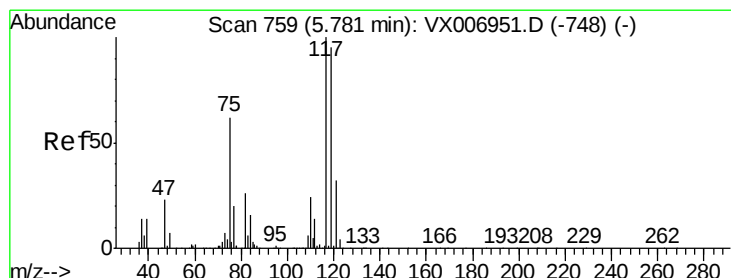
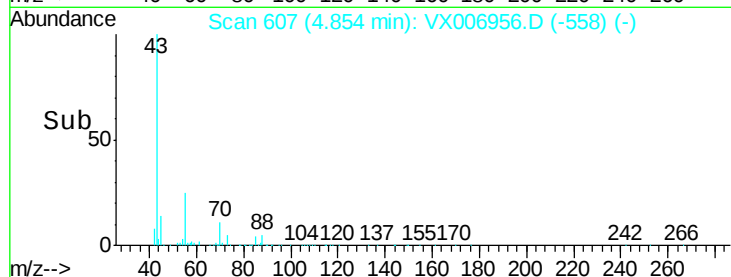
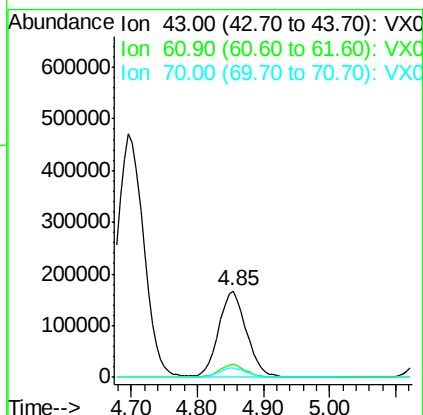
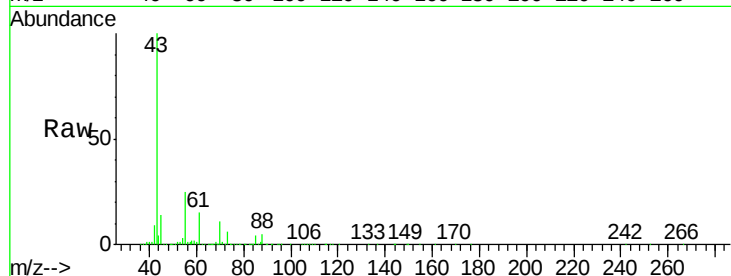




#37
Ethyl Acetate
Concen: 53.332 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006956.D
Acq: 09 Jan 2019 10:17

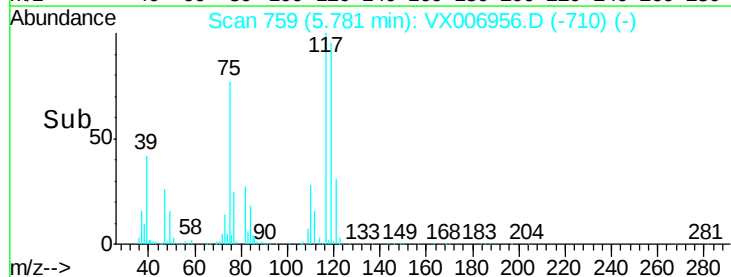
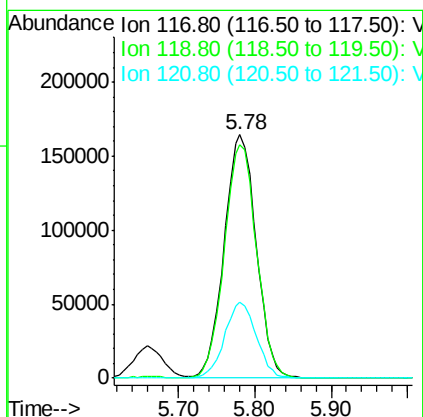
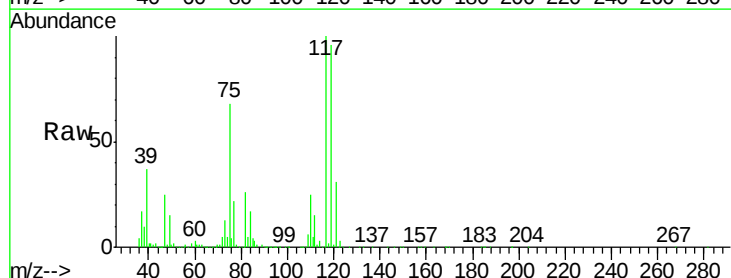
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

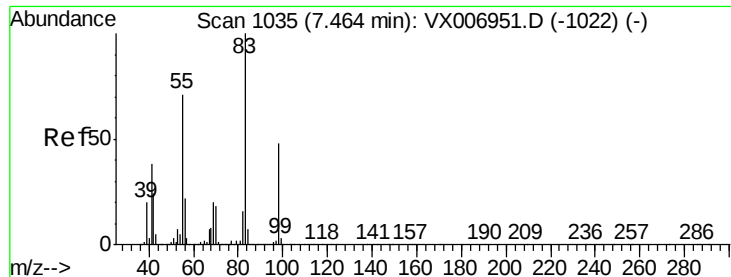
Tot Ion: 43 Resp: 484873
Ion Ratio Lower Upper
43 100
61 14.3 11.9 17.9
70 11.0 9.7 14.5



#38
Carbon Tetrachloride
Concen: 55.683 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006956.D
Acq: 09 Jan 2019 10:17

Tgt Ion: 117 Resp: 475093
Ion Ratio Lower Upper
117 100
119 95.7 79.4 119.2
121 31.0 24.0 36.0

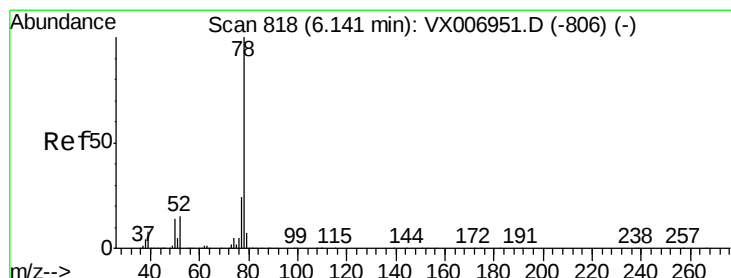
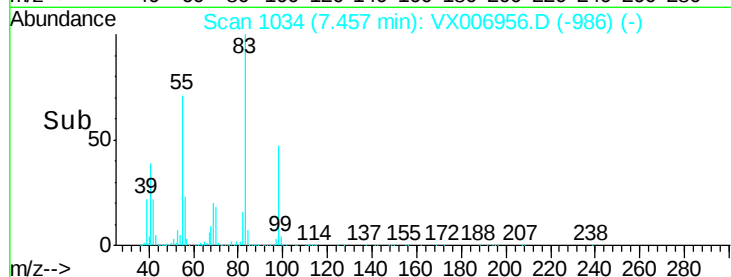
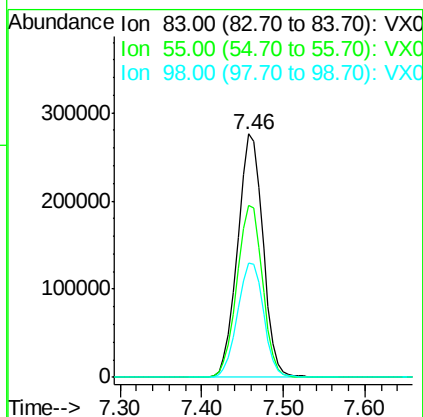
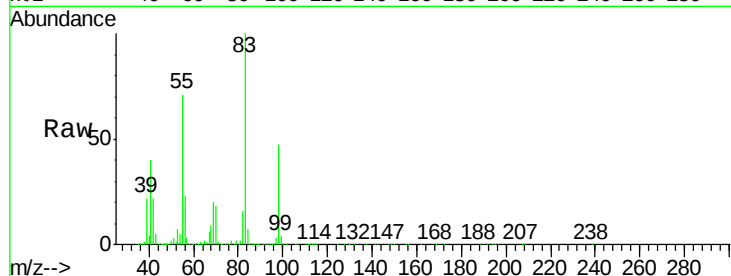




#39
Methvlcvclohexane
Concen: 54.790 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX006956.D
Acq: 09 Jan 2019 10:17

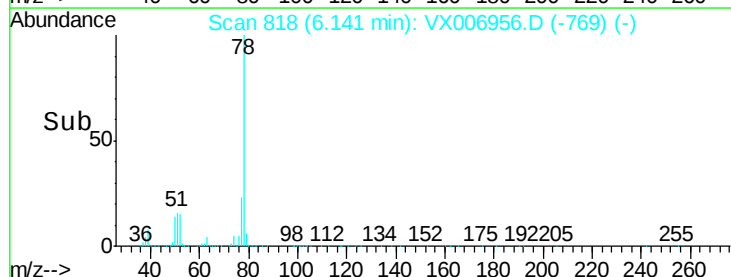
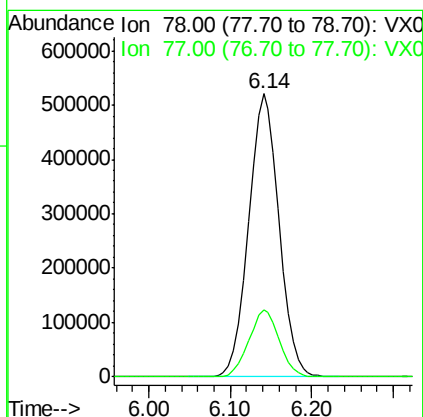
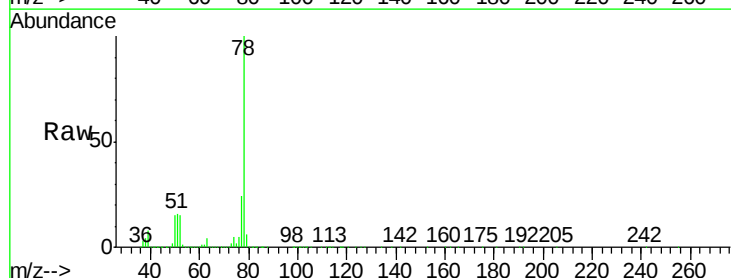
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

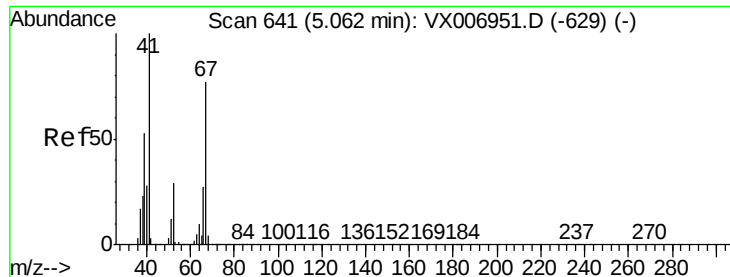
Tot Ion	83.00	Resp	592330
Ion	Ratio	Lower	Upper
83	100		
55	70.6	54.9	82.3
98	46.8	37.9	56.9



#40
Benzene
Concen: 52.144 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006956.D
Acq: 09 Jan 2019 10:17

Tgt Ion	78.00	Resp	1349252
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.2	28.8

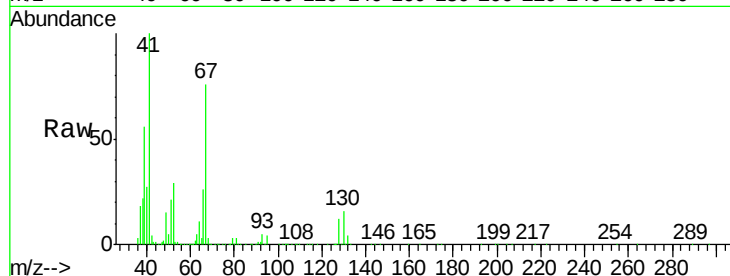




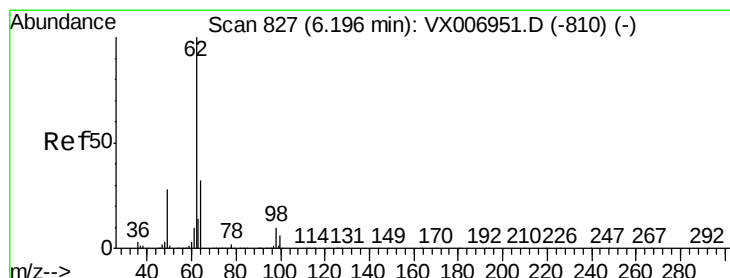
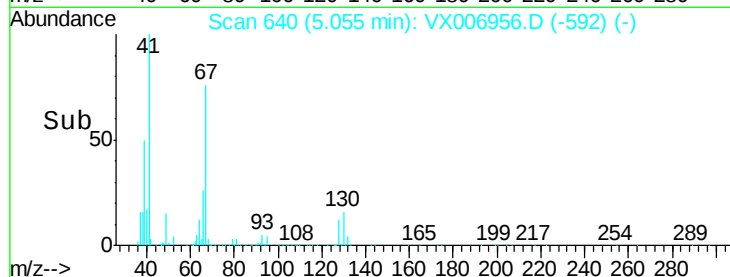
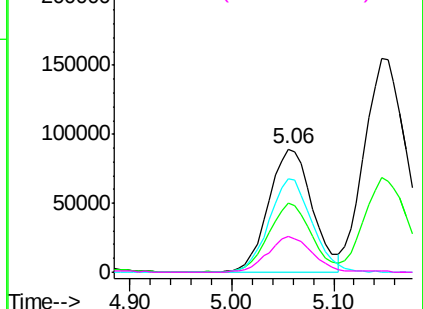
#41
Methacrylonitrile
Concen: 50.685 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX006956.D
Acq: 09 Jan 2019 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	265462
Ion	Ratio	Lower	Upper
41	100		
39	54.3	42.8	64.2
67	74.1	62.1	93.1
52	29.1	23.4	35.0

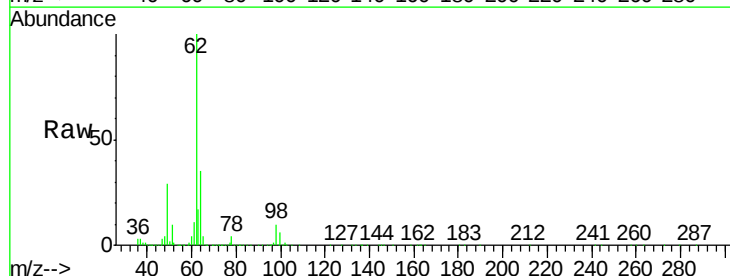


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

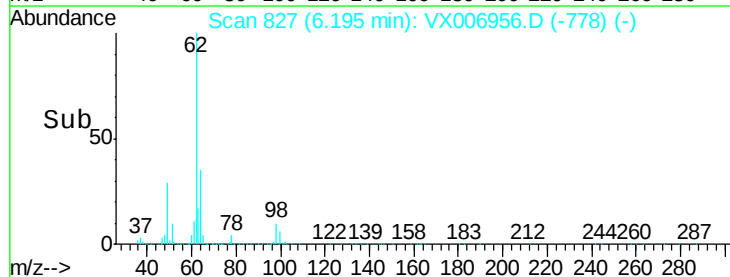
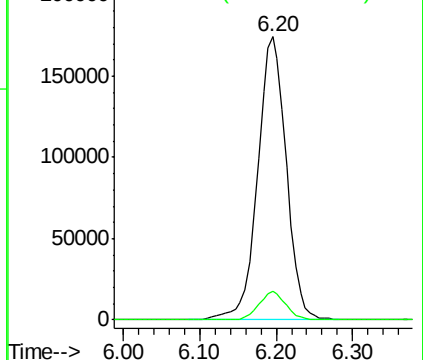


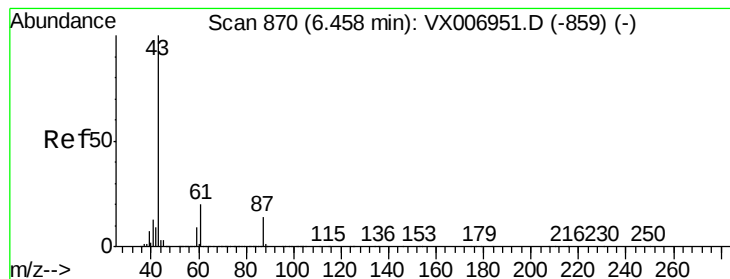
#42
1,2-Dichloroethane
Concen: 50.774 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX006956.D
Acq: 09 Jan 2019 10:17

Tgt Ion:	62	Resp:	454006
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.2



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





#43

Isopropyl Acetate

Concen: 54.703 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

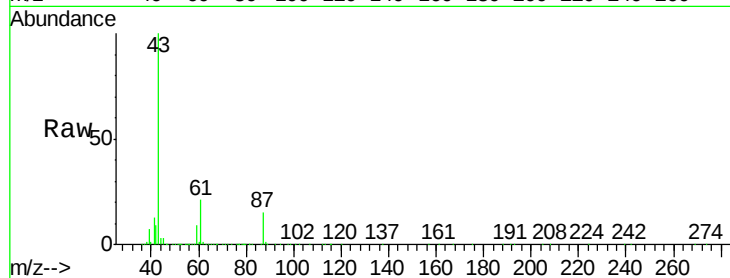
Tot Ion: 43 Resp: 784485

Ion Ratio Lower Upper

43 100

61 20.4 16.8 25.2

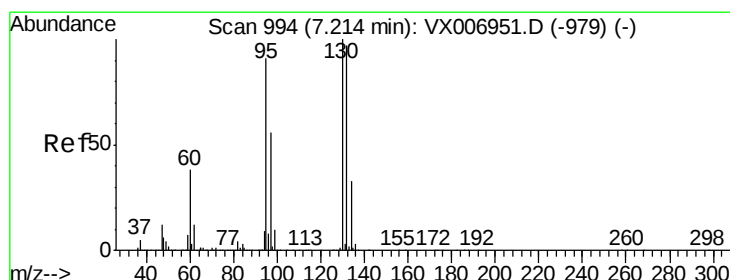
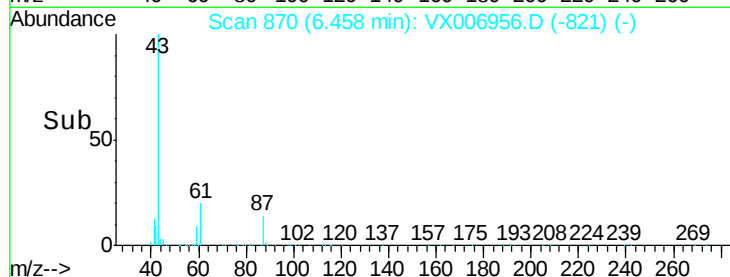
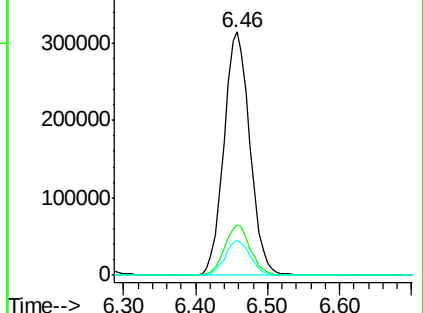
87 14.2 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 52.183 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006956.D

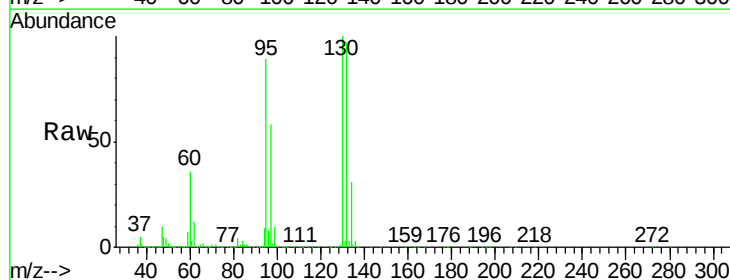
Acq: 09 Jan 2019 10:17

Tgt Ion:130 Resp: 404626

Ion Ratio Lower Upper

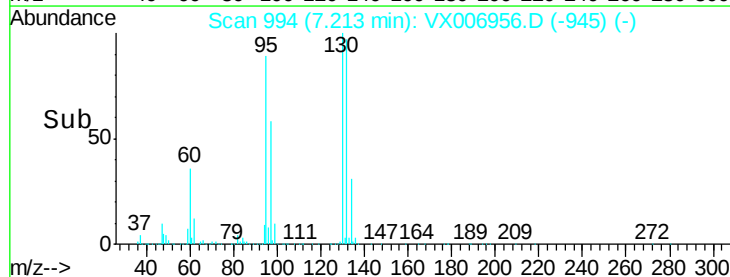
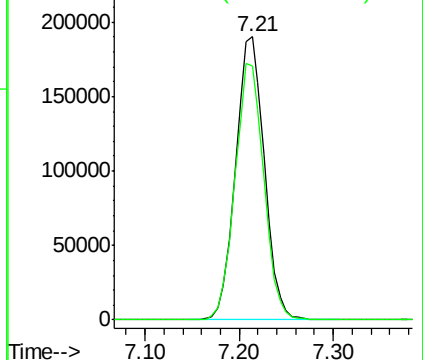
130 100

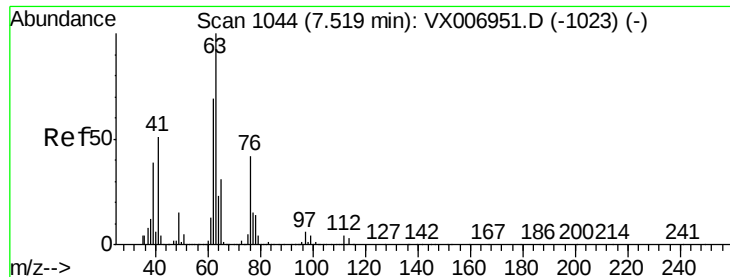
95 89.4 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 52.430 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

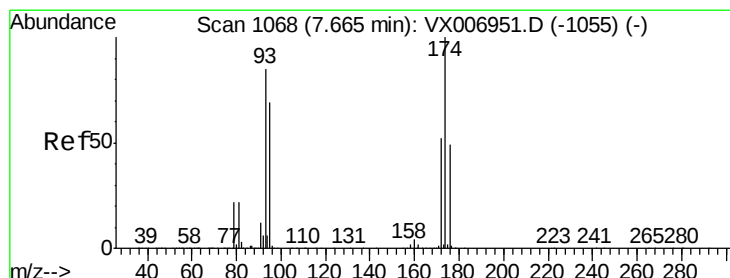
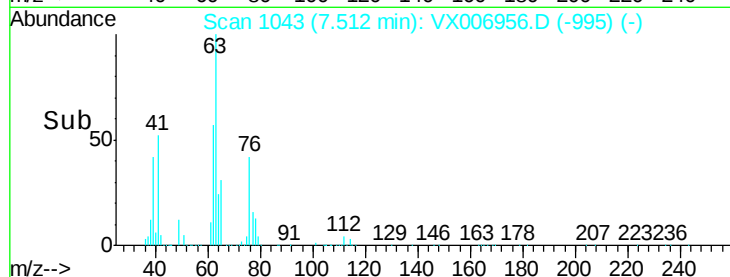
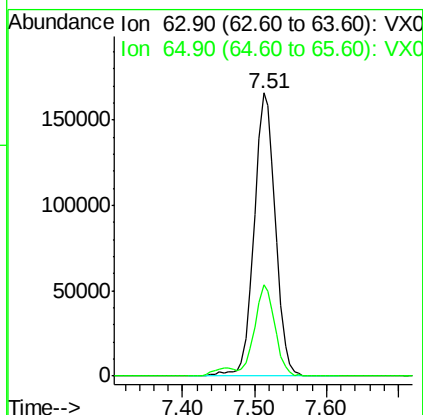
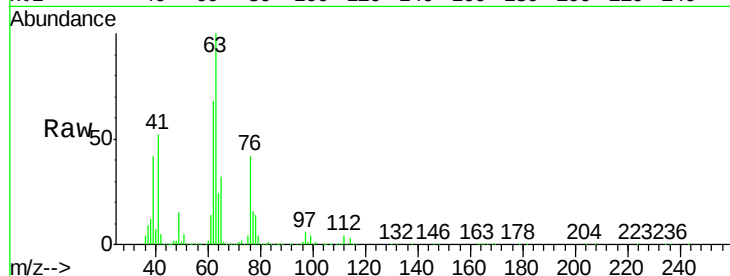
VSTDCCC050

Tot Ion: 63 Resp: 341067

Ion Ratio Lower Upper

63 100

65 32.2 25.4 38.0



#46

Dibromomethane

Concen: 53.467 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

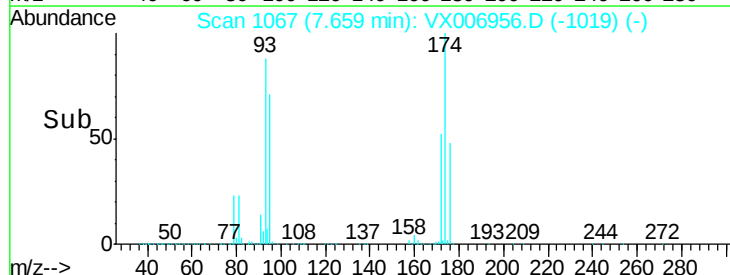
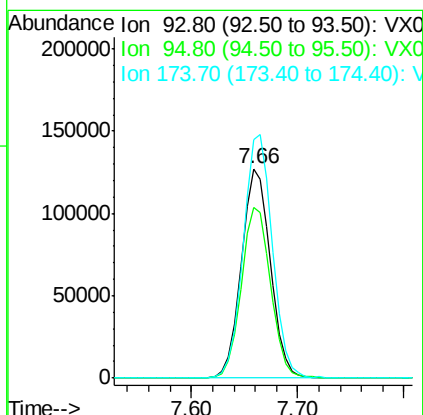
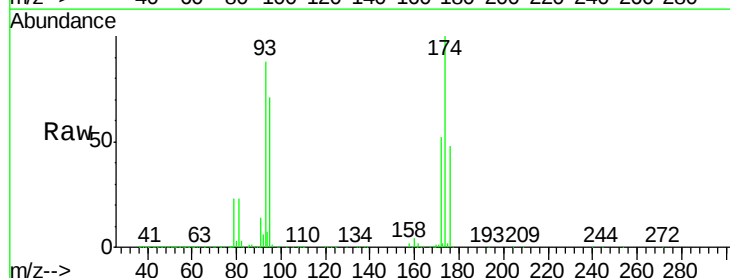
Tgt Ion: 93 Resp: 244444

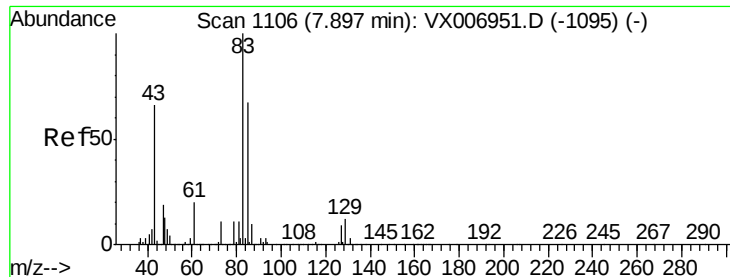
Ion Ratio Lower Upper

93 100

95 82.2 66.2 99.4

174 116.6 91.0 136.4





#47

Bromodichloromethane

Concen: 56.991 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

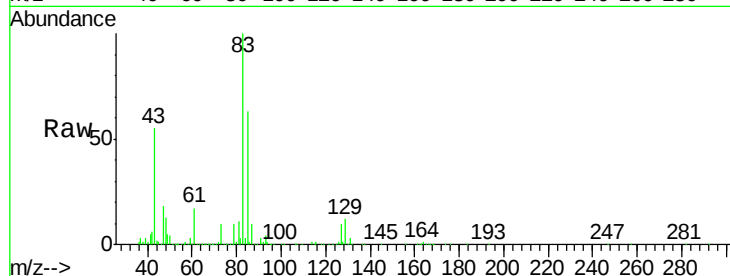
Tot Ion: 83 Resp: 443507

Ion Ratio Lower Upper

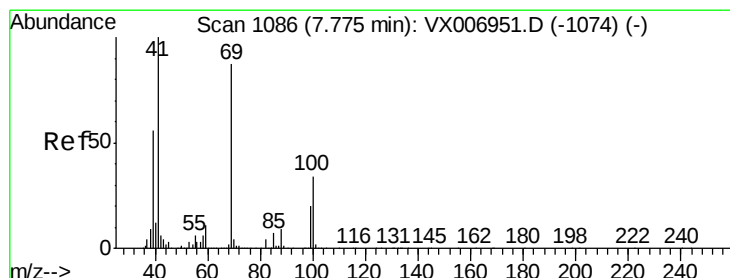
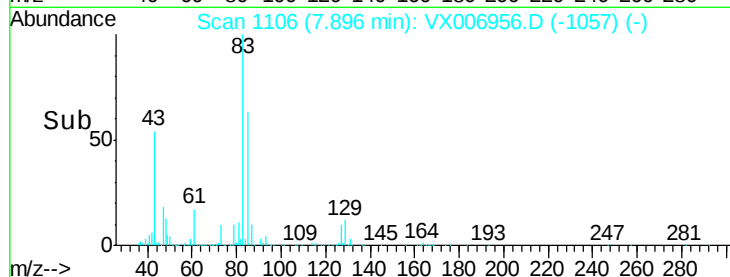
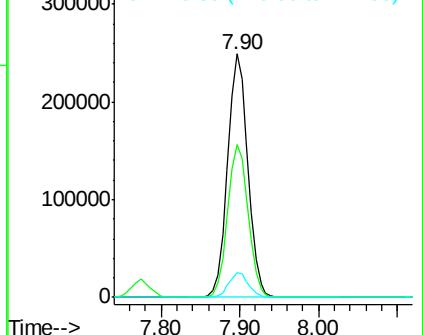
83 100

85 62.5 53.2 79.8

127 10.3 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.885 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

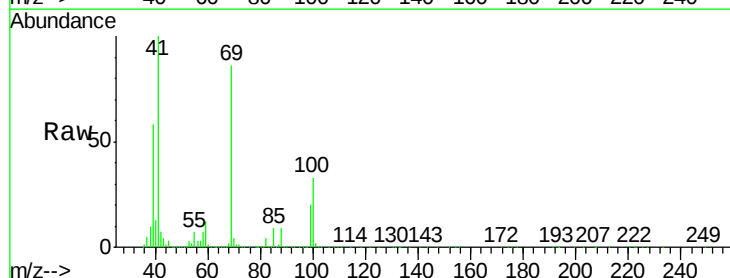
Tgt Ion: 41 Resp: 396833

Ion Ratio Lower Upper

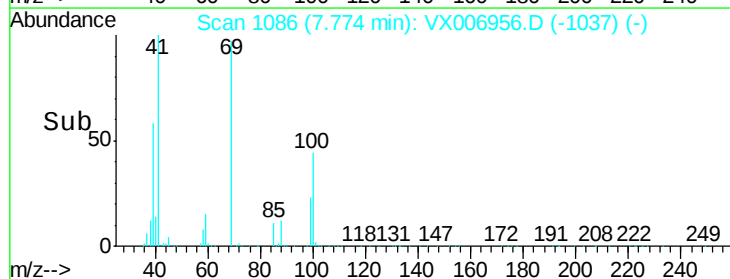
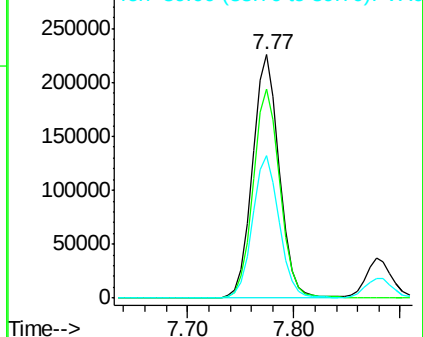
41 100

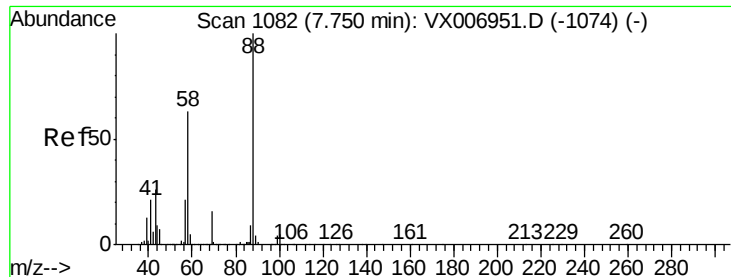
69 86.3 72.4 108.6

39 58.9 45.8 68.8



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1086.726 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

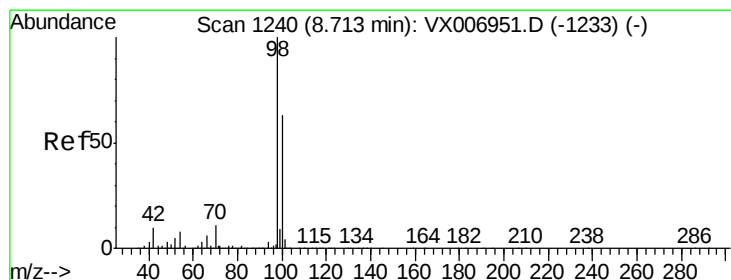
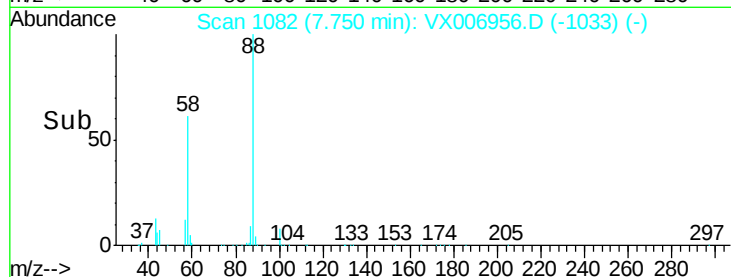
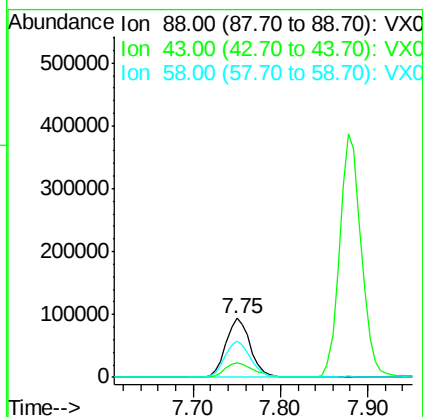
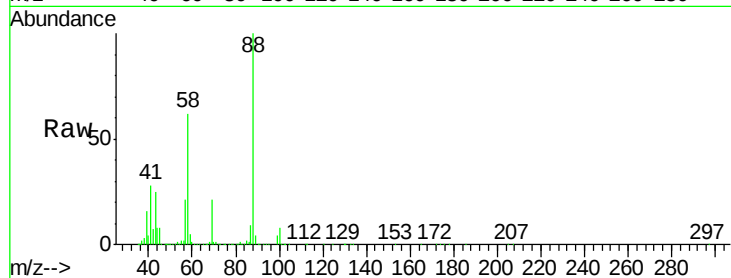
Tot Ion: 88 Resp: 182643

Ion Ratio Lower Upper

88 100

43 28.4 22.2 33.4

58 64.0 51.0 76.4



#50

Toluene-d8

Concen: 57.090 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006956.D

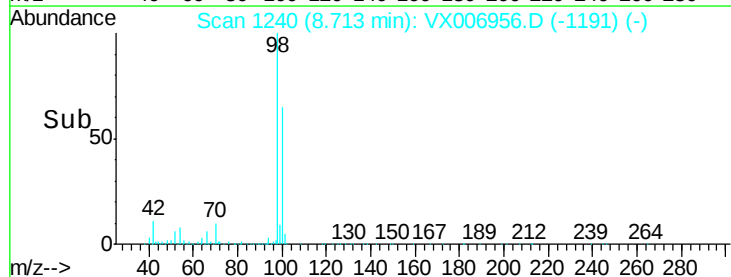
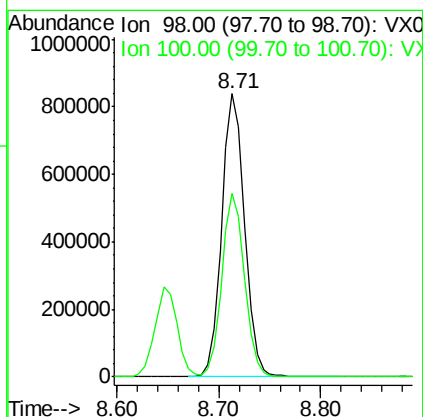
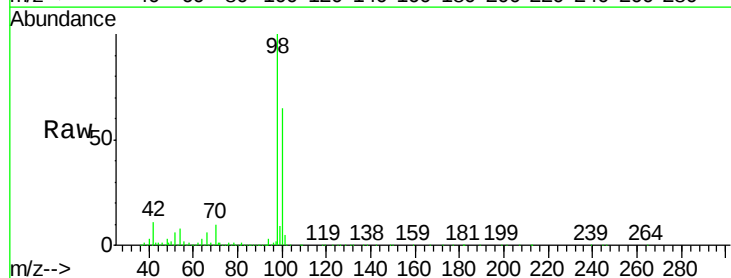
Acq: 09 Jan 2019 10:17

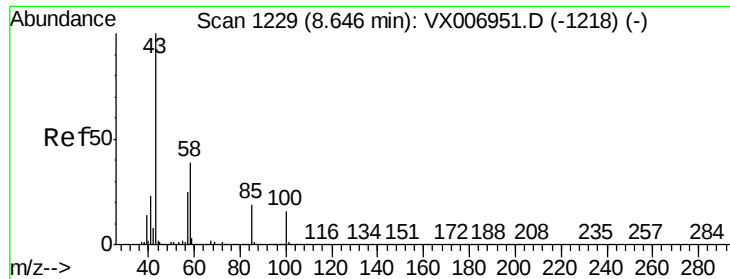
Tgt Ion: 98 Resp: 1305274

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 270.812 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

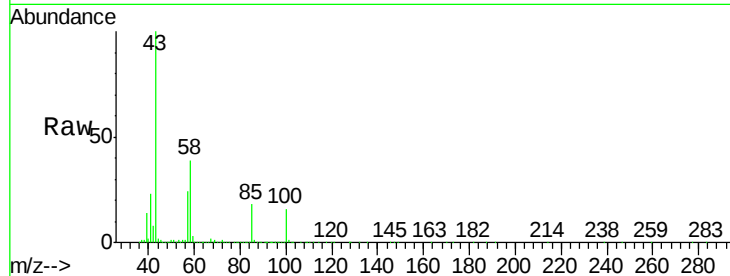
VSTDCCC050

Tot Ion: 43 Resp: 2495850

Ion Ratio Lower Upper

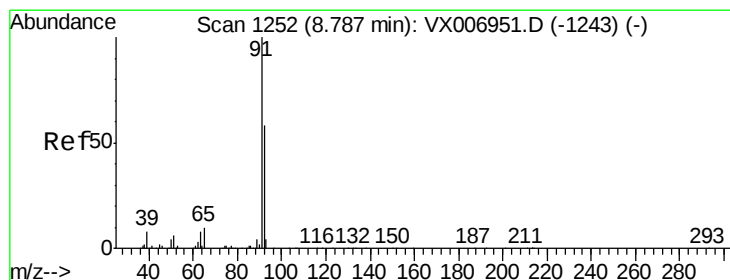
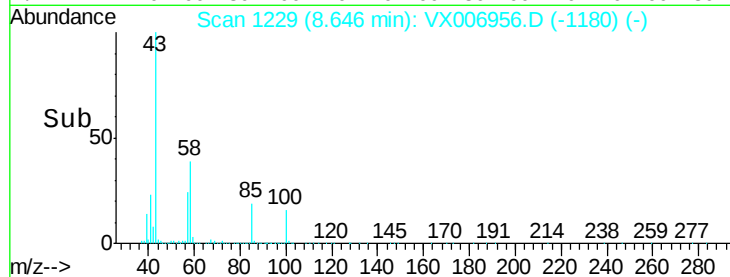
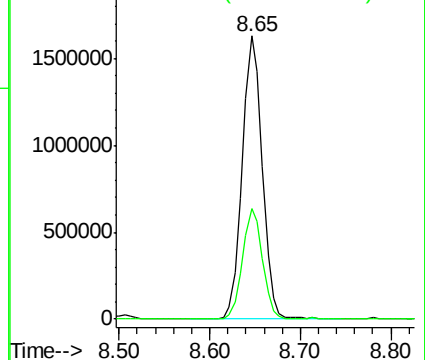
43 100

58 38.9 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 53.408 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006956.D

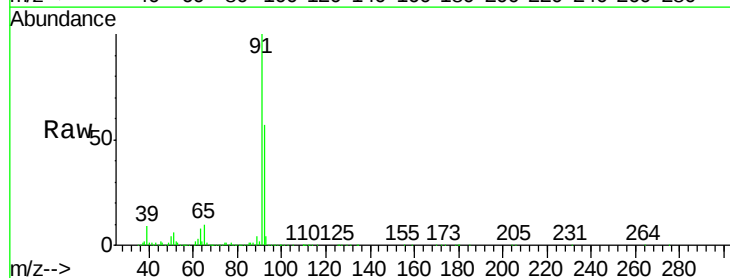
Acq: 09 Jan 2019 10:17

Tgt Ion: 92 Resp: 888243

Ion Ratio Lower Upper

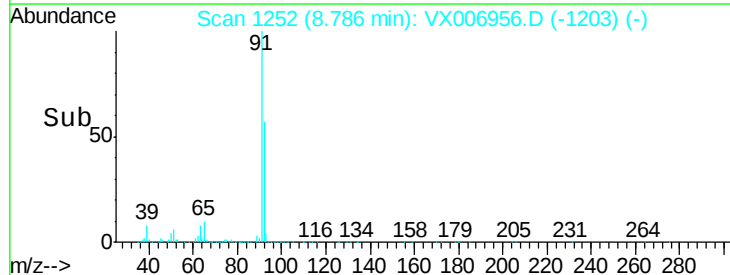
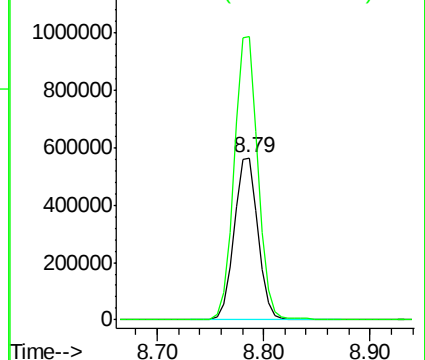
92 100

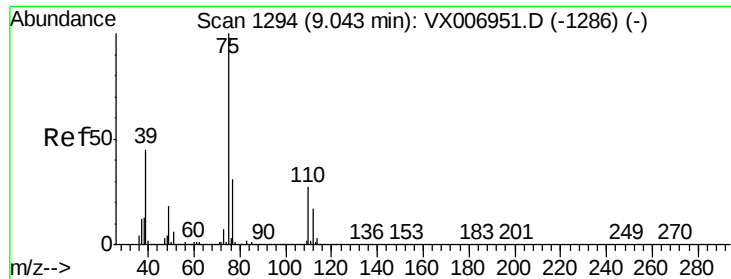
91 174.2 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 58.884 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

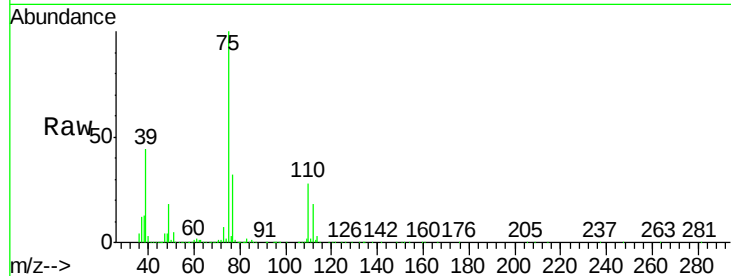
VSTDCCC050

Tot Ion: 75 Resp: 508130

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

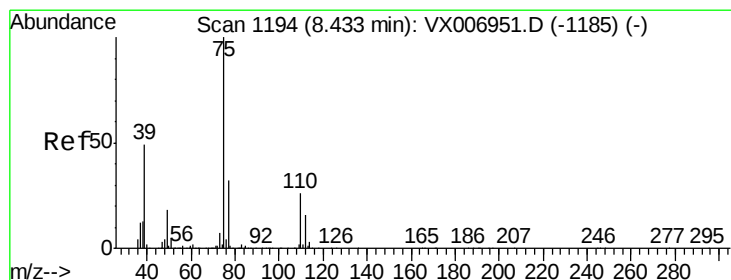
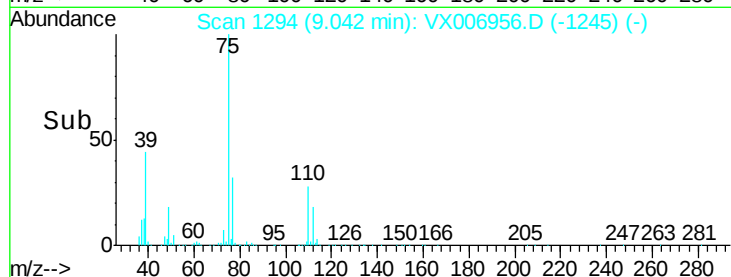
300000

200000

100000

0

Time--> 8.95 9.00 9.05 9.10



#54

cis-1,3-Dichloropropene

Concen: 57.599 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

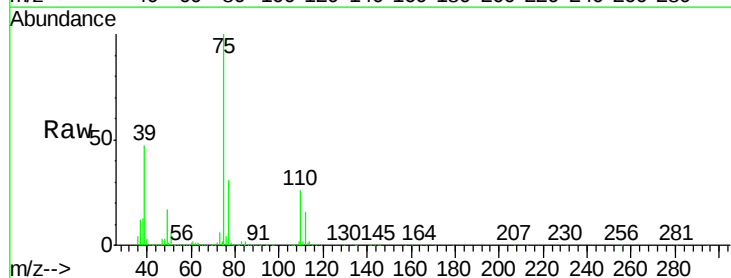
Tgt Ion: 75 Resp: 548894

Ion Ratio Lower Upper

75 100

77 31.2 26.2 39.2

39 46.9 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

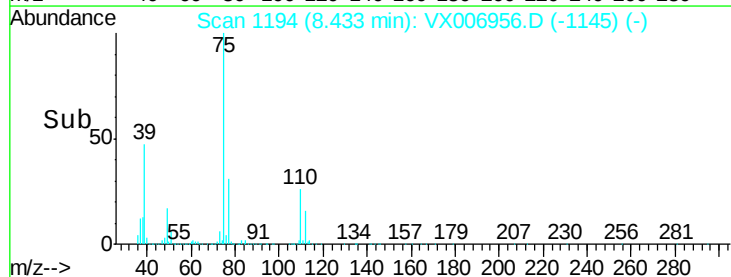
300000

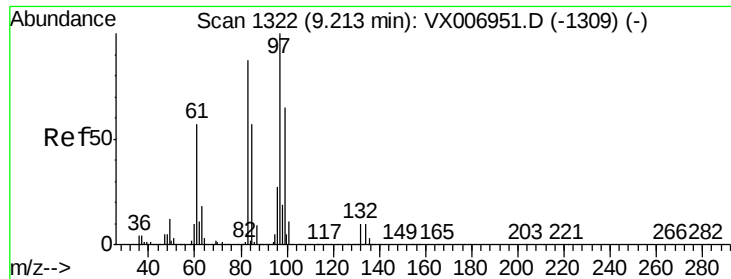
200000

100000

0

Time--> 8.35 8.40 8.45 8.50 8.55





#55

1,1,2-Trichloroethane

Concen: 53.233 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 354361

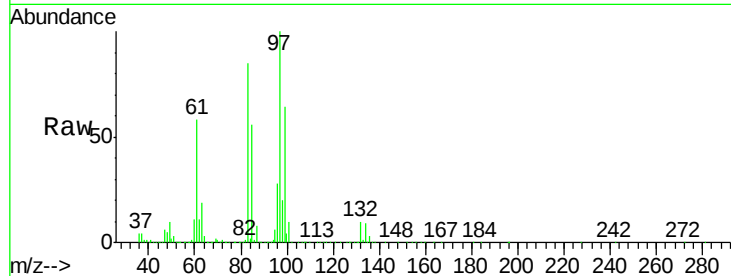
Ion	Ratio	Lower	Upper
97	100		
83	85.4	66.6	99.8
85	55.9	42.7	64.1
99	63.7	50.8	76.2

97 100

83 85.4 66.6 99.8

85 55.9 42.7 64.1

99 63.7 50.8 76.2

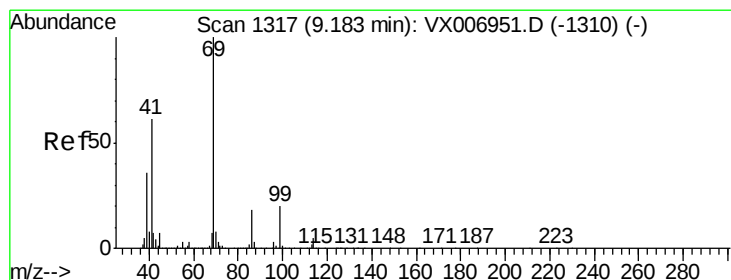
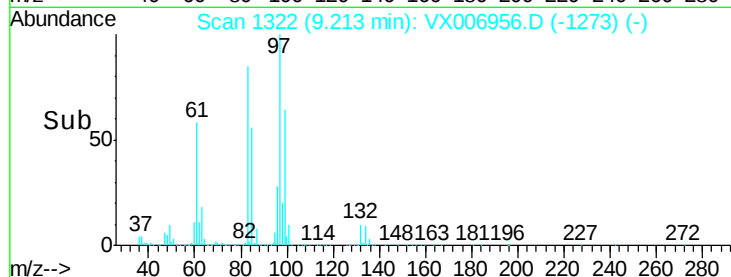
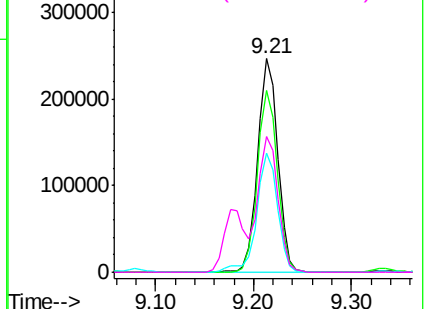


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 55.445 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

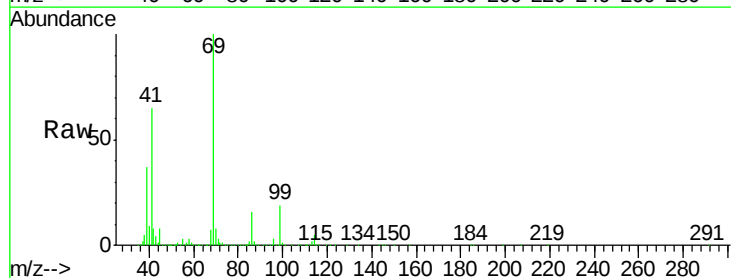
Tgt Ion: 69 Resp: 538823

Ion	Ratio	Lower	Upper
69	100		
41	63.8	48.7	73.1
39	36.6	27.0	40.6

69 100

41 63.8 48.7 73.1

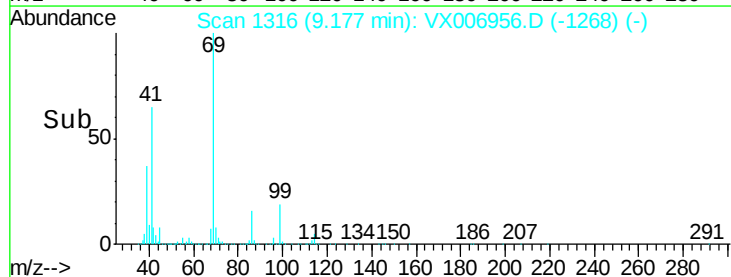
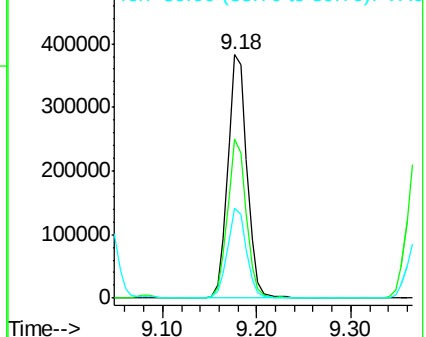
39 36.6 27.0 40.6

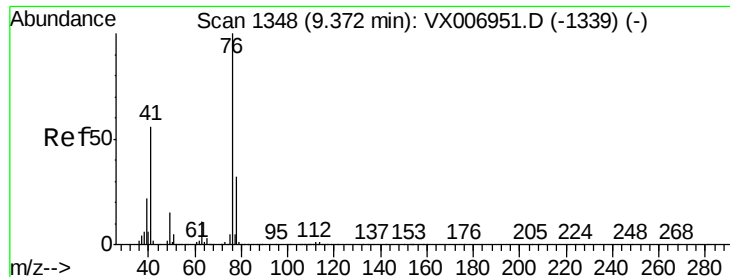


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 53.002 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

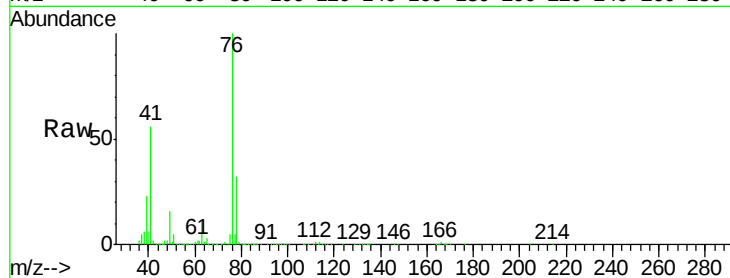
VSTDCCC050

Tot Ion: 76 Resp: 578024

Ion Ratio Lower Upper

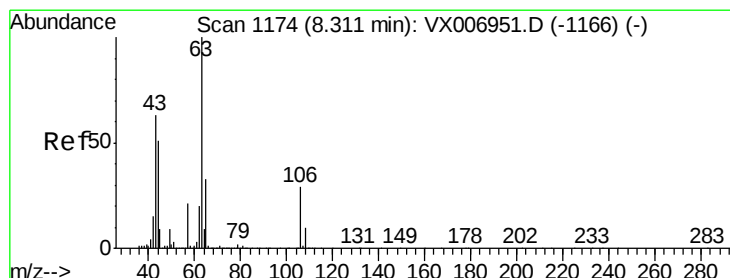
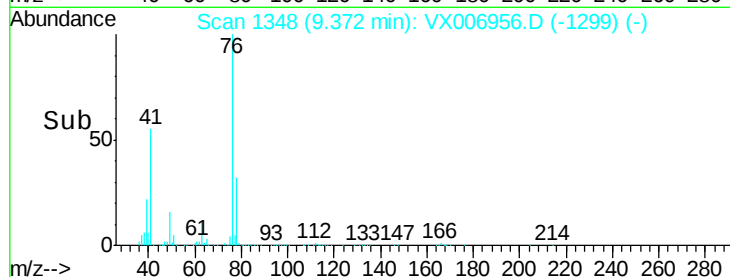
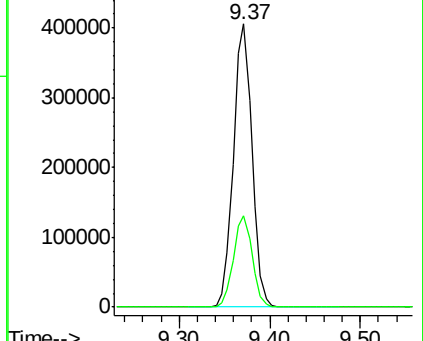
76 100

78 32.5 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 295.270 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006956.D

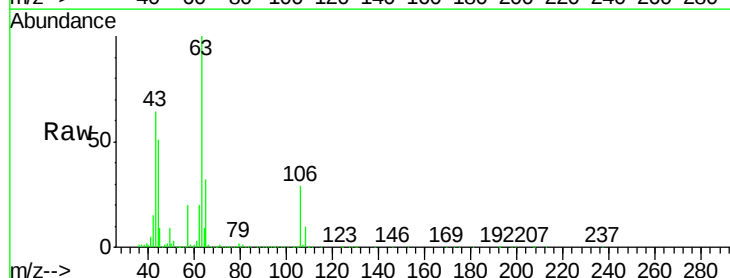
Acq: 09 Jan 2019 10:17

Tgt Ion: 63 Resp: 1475360

Ion Ratio Lower Upper

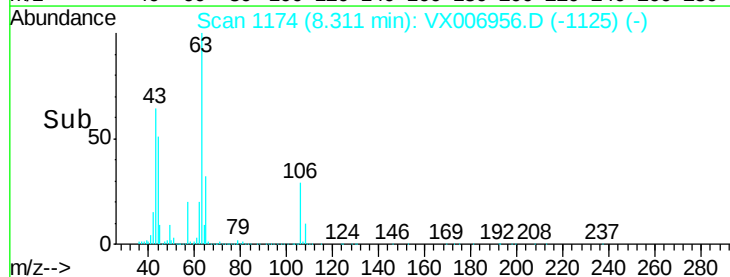
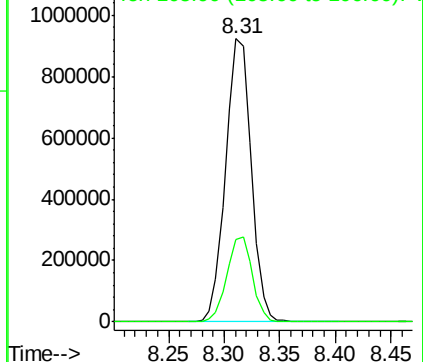
63 100

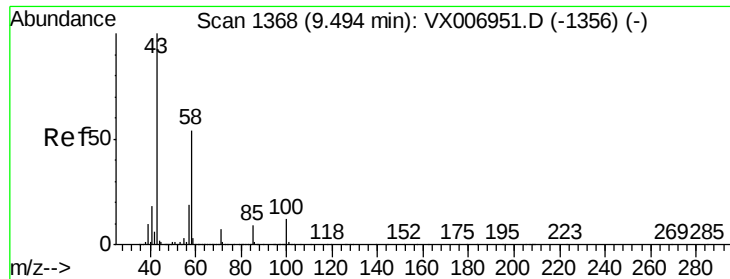
106 29.8 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

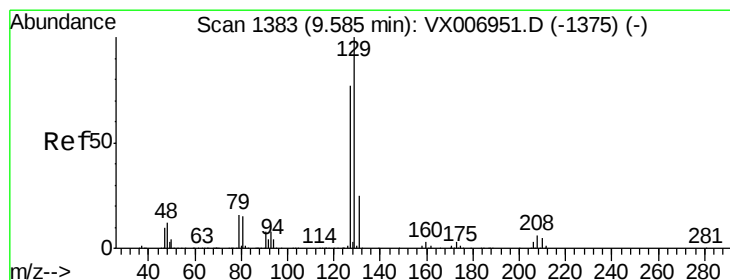
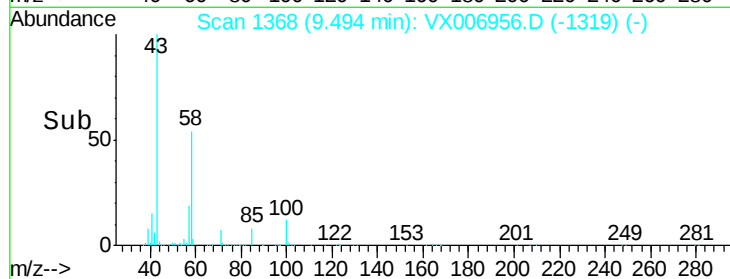
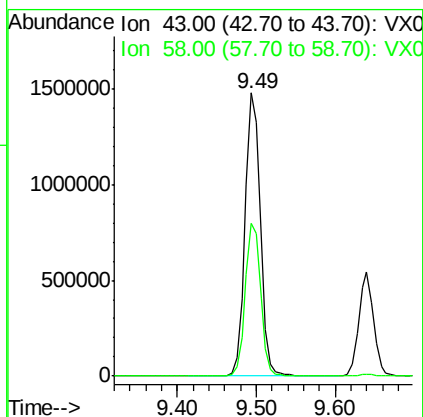
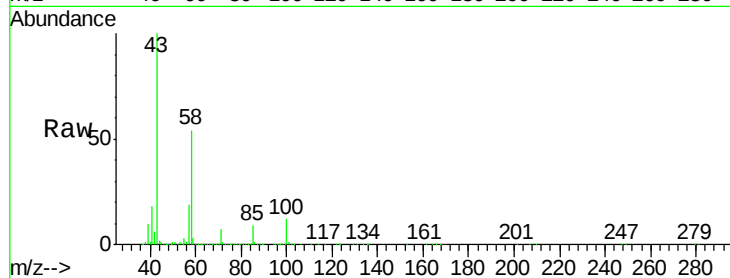




#59
2-Hexanone
Concen: 282.354 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006956.D
Acq: 09 Jan 2019 10:17

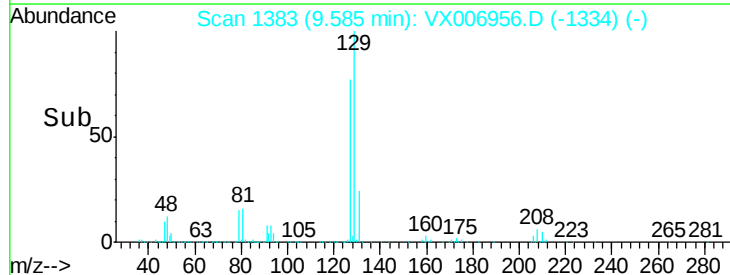
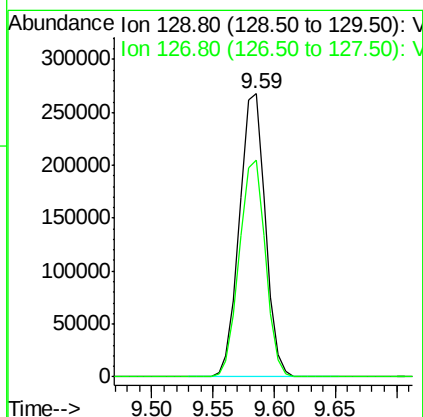
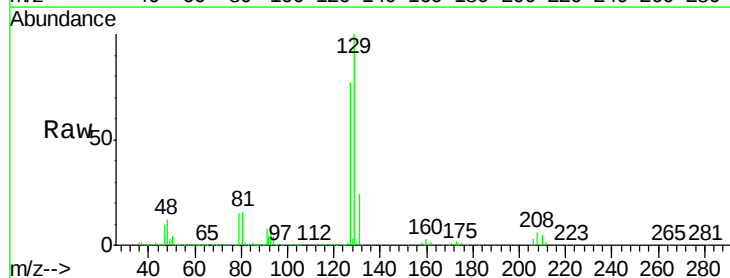
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

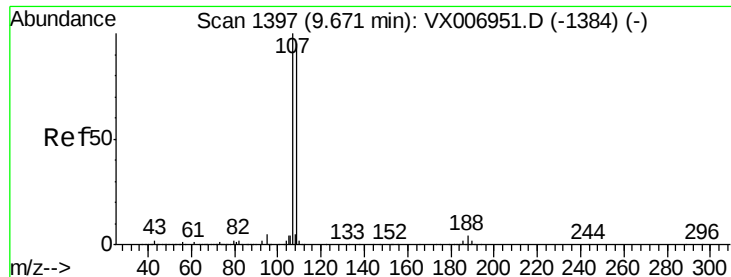
Tot Ion: 43 Resp: 1983041
Ion Ratio Lower Upper
43 100
58 54.3 27.7 83.1



#60
Dibromochloromethane
Concen: 60.591 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX006956.D
Acq: 09 Jan 2019 10:17

Tgt Ion: 129 Resp: 391658
Ion Ratio Lower Upper
129 100
127 77.6 39.3 117.8





#61

1,2-Dibromoethane

Concen: 53.800 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

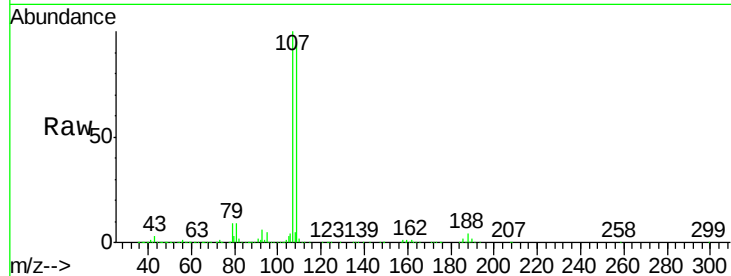
VSTDCCC050

Tot Ion:107 Resp: 394273

Ion Ratio Lower Upper

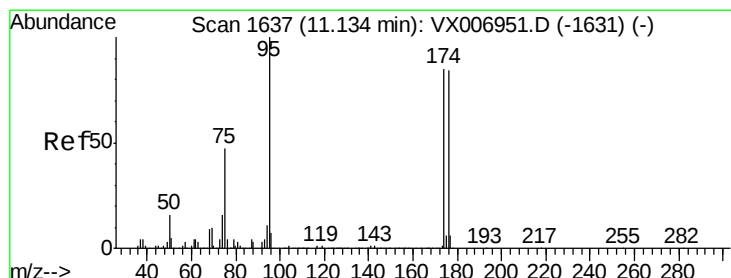
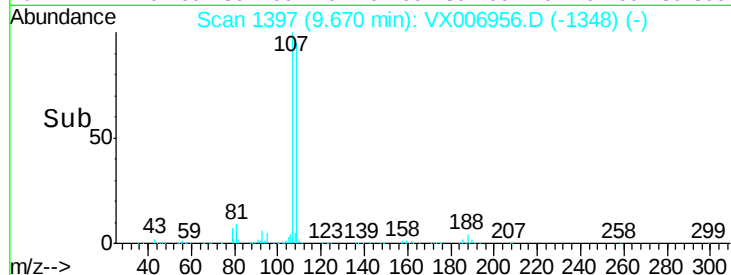
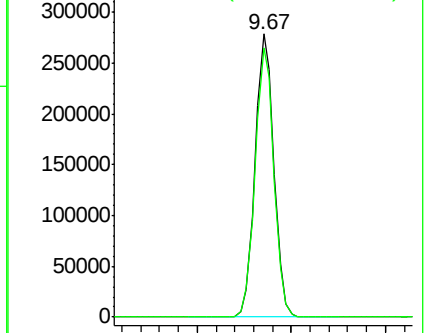
107 100

109 95.3 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 58.409 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

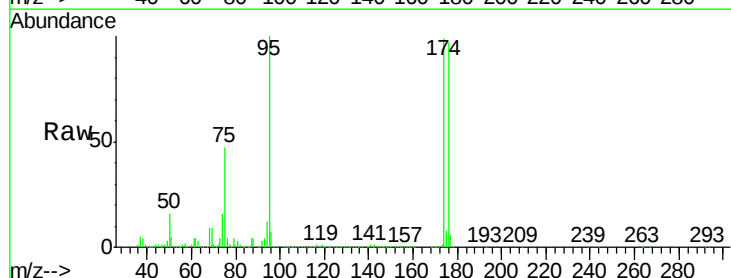
Tgt Ion: 95 Resp: 465569

Ion Ratio Lower Upper

95 100

174 94.6 0.0 182.2

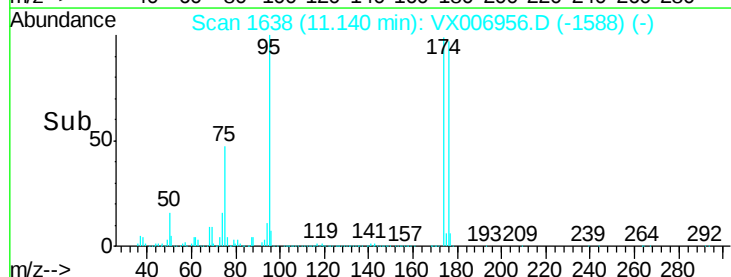
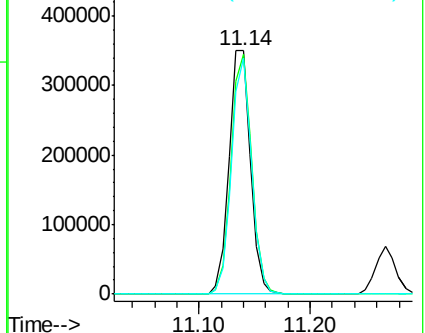
176 91.2 0.0 178.8

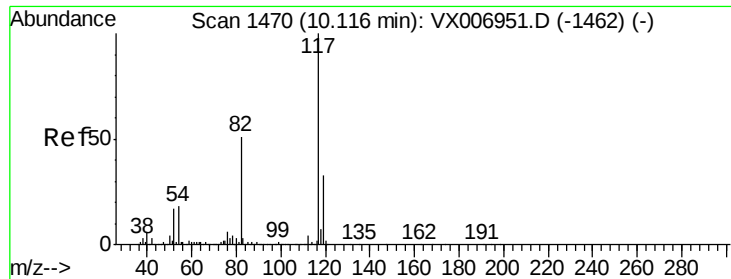


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

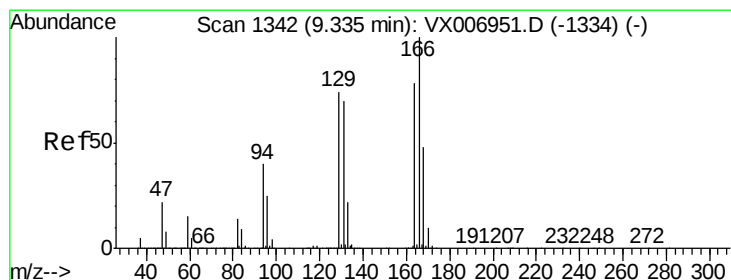
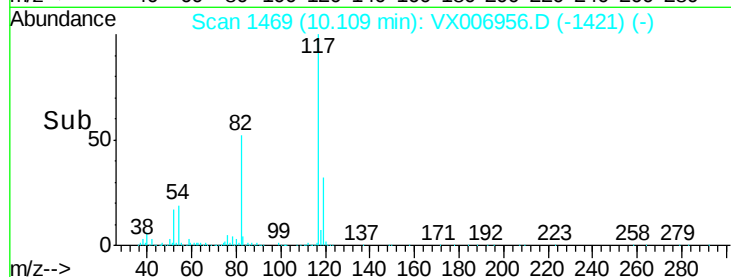
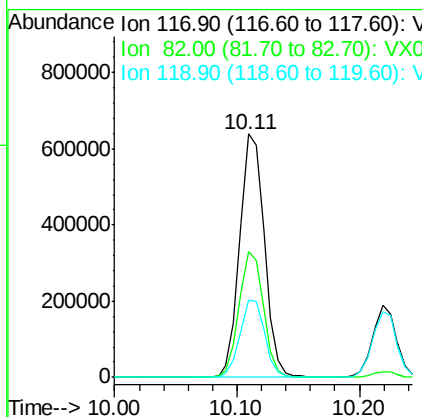
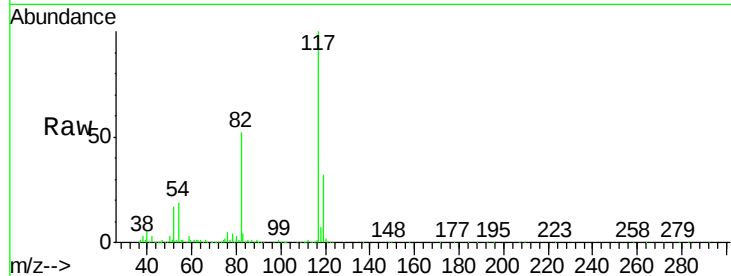




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006956.D
Acq: 09 Jan 2019 10:17

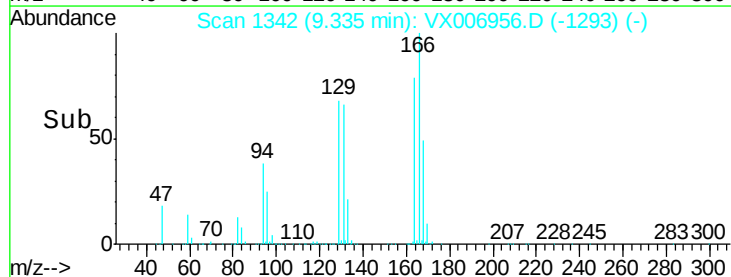
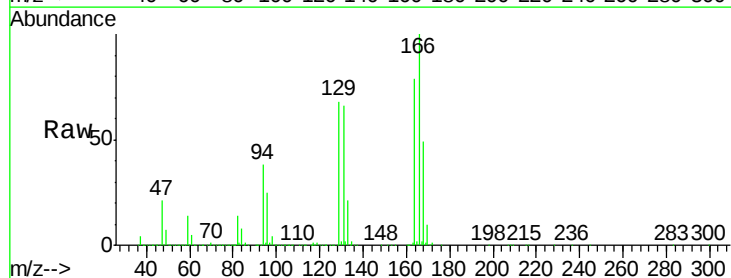
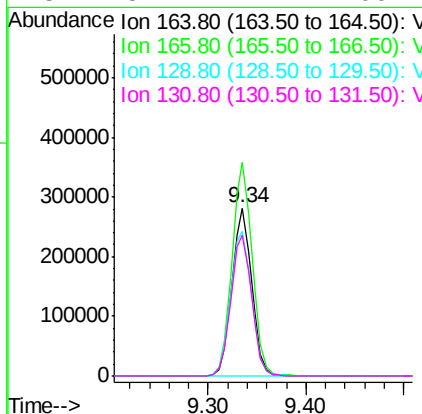
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

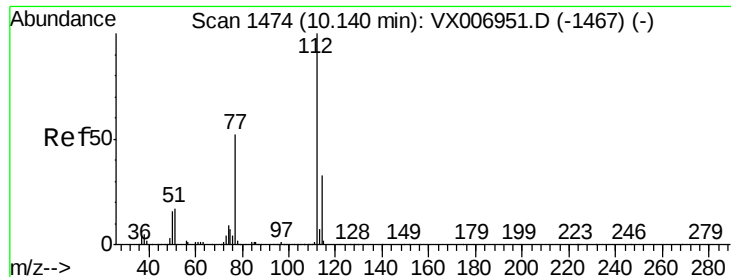
Tot Ion:117 Resp: 893040
Ion Ratio Lower Upper
117 100
82 51.5 41.0 61.6
119 31.8 25.4 38.0



#64
Tetrachloroethene
Concen: 51.458 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006956.D
Acq: 09 Jan 2019 10:17

Tgt Ion:164 Resp: 397856
Ion Ratio Lower Upper
164 100
166 127.3 102.5 153.7
129 86.4 75.1 112.7
131 84.1 72.7 109.1





#65

Chlorobenzene

Concen: 52.668 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

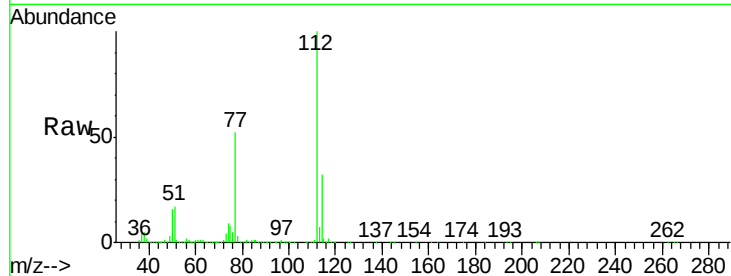
VSTDCCC050

Tot Ion:112 Resp: 1025852

Ion Ratio Lower Upper

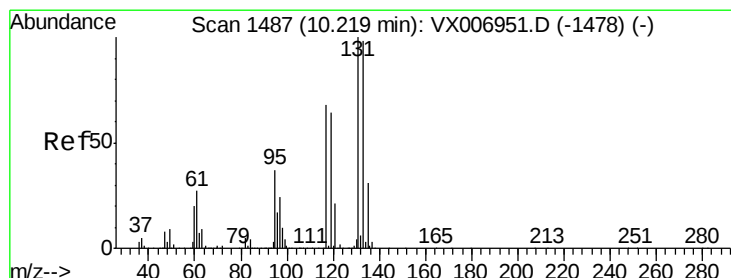
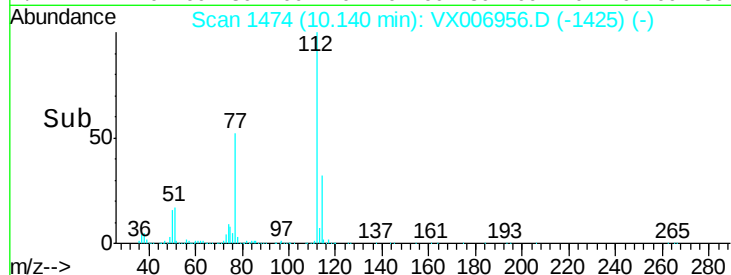
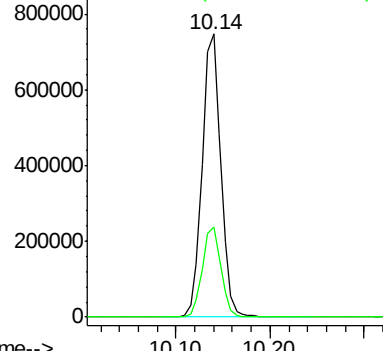
112 100

114 31.8 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 56.687 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

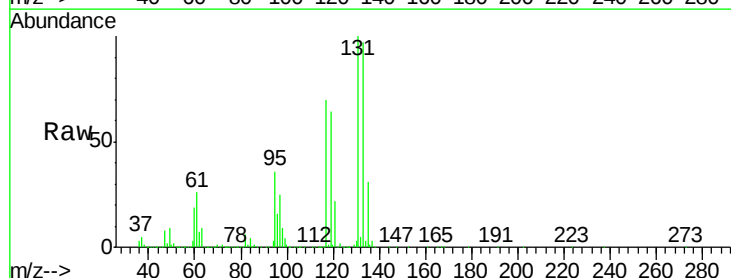
Tgt Ion:131 Resp: 371430

Ion Ratio Lower Upper

131 100

133 96.0 48.0 144.2

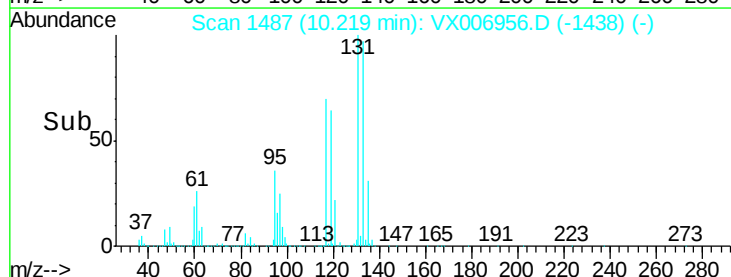
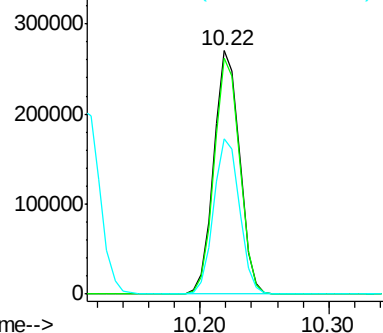
119 64.1 32.6 97.8

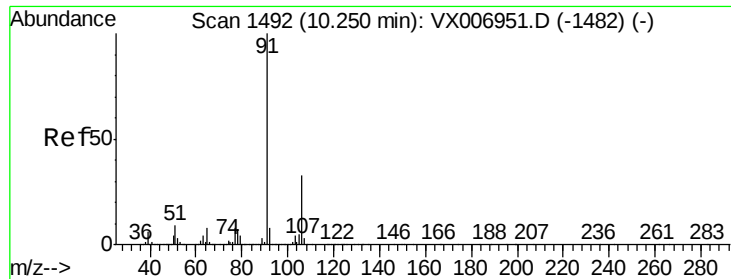


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 53.221 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

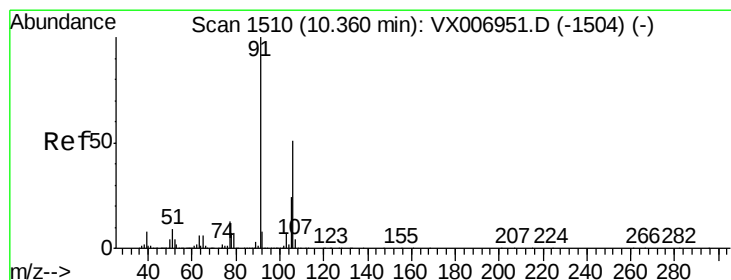
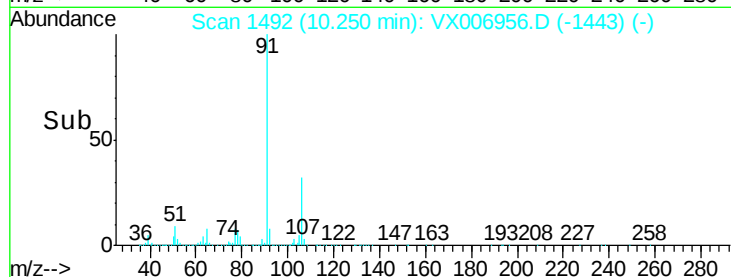
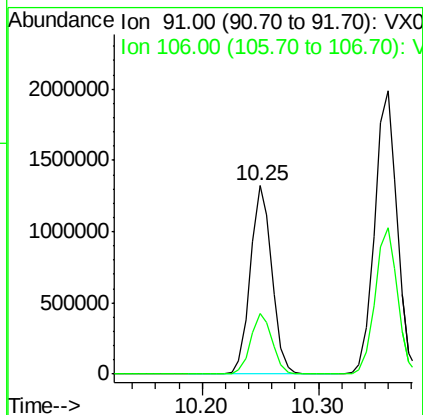
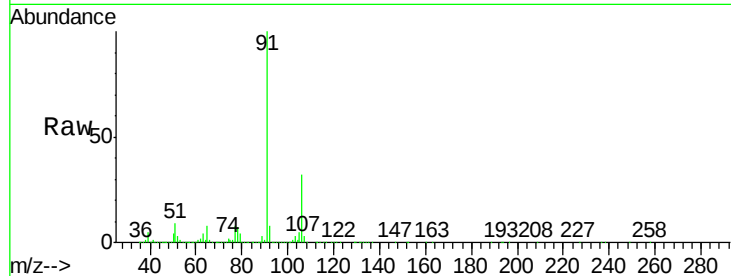
VSTDCCC050

Tot Ion: 91 Resp: 1711334

Ion Ratio Lower Upper

91 100

106 32.5 26.4 39.6



#68

m/p-Xylenes

Concen: 108.485 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006956.D

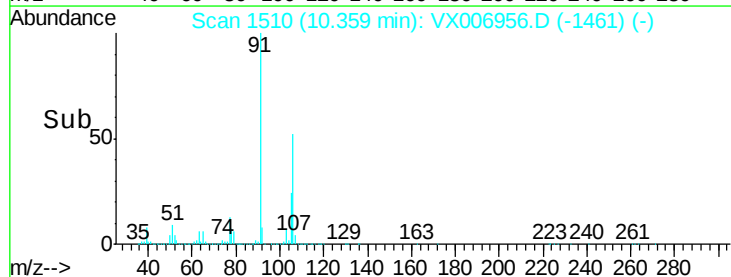
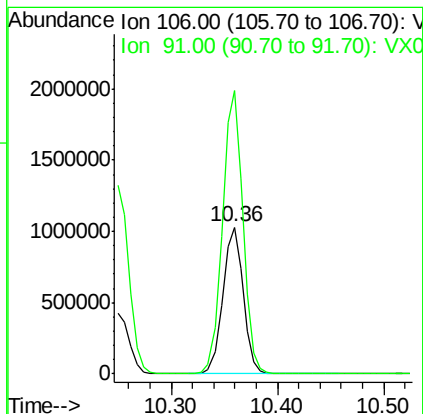
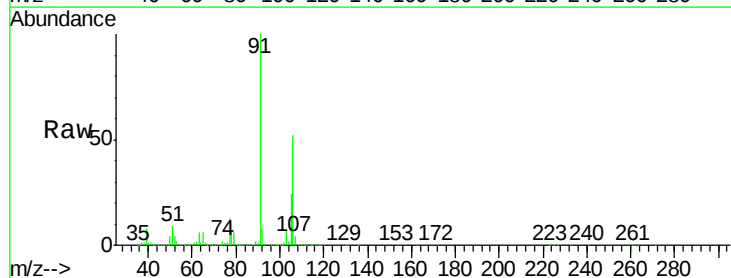
Acq: 09 Jan 2019 10:17

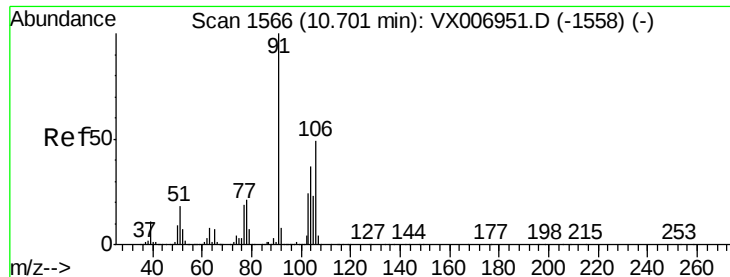
Tgt Ion: 106 Resp: 1374360

Ion Ratio Lower Upper

106 100

91 193.9 155.8 233.6

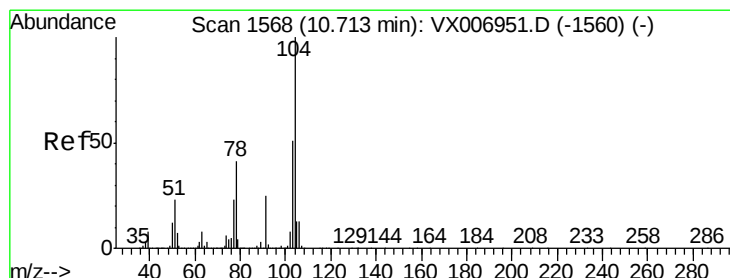
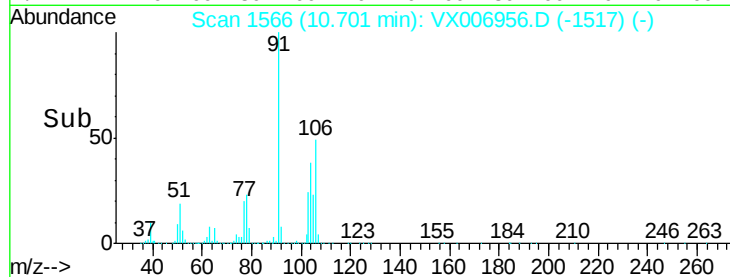
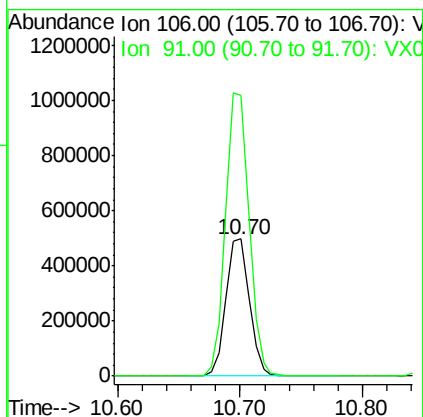
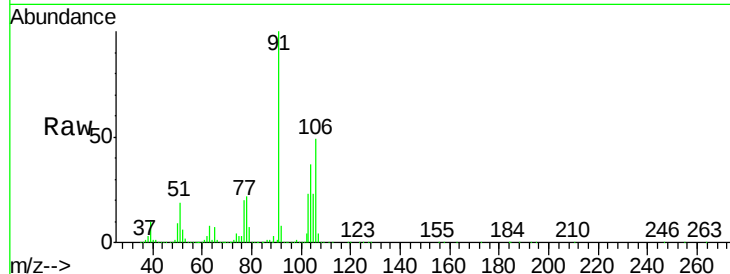




#69
o-Xylene
Concen: 53.378 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006956.D
Acq: 09 Jan 2019 10:17

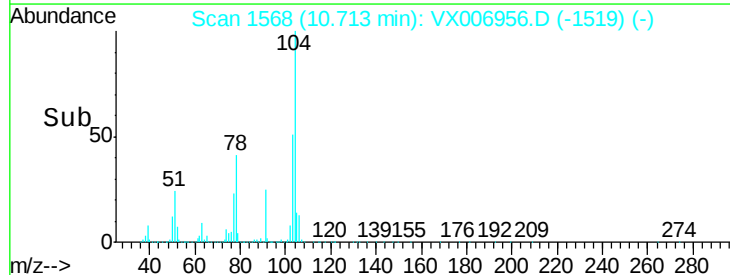
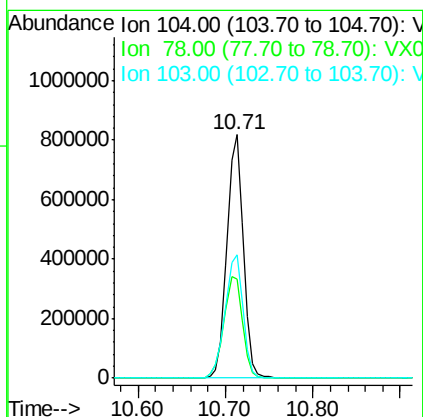
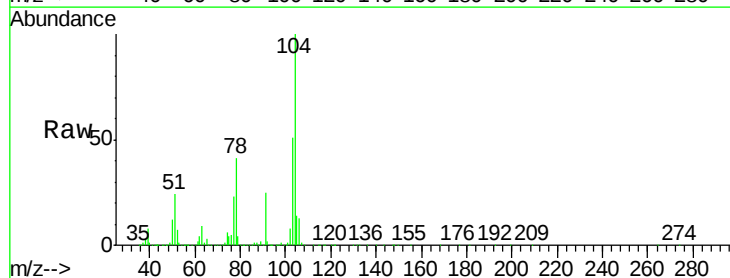
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

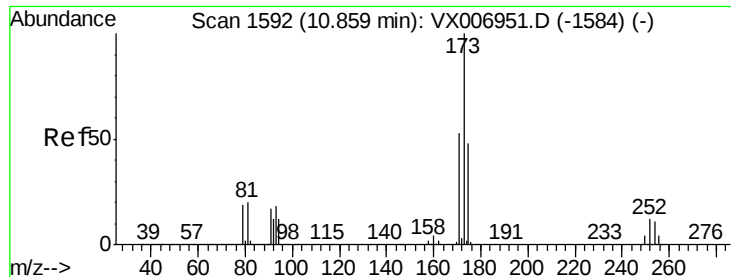
Tot Ion:106 Resp: 659493
Ion Ratio Lower Upper
106 100
91 207.8 101.3 303.7



#70
Styrene
Concen: 54.460 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006956.D
Acq: 09 Jan 2019 10:17

Tgt Ion:104 Resp: 1065665
Ion Ratio Lower Upper
104 100
78 47.5 37.7 56.5
103 55.7 43.8 65.8





#71

Bromoform

Concen: 51.338 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

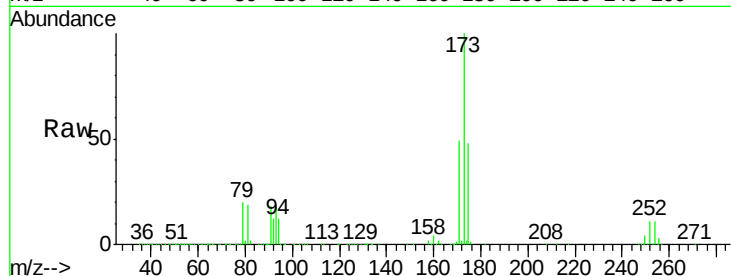
Tot Ion:173 Resp: 301771

Ion Ratio Lower Upper

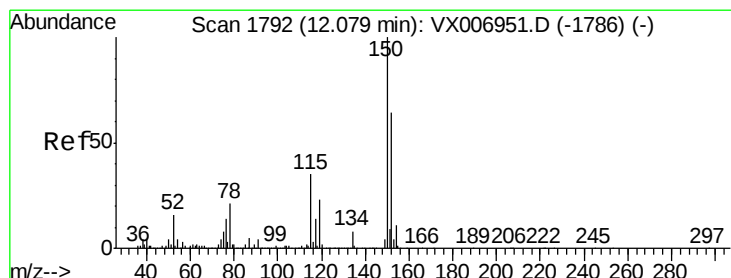
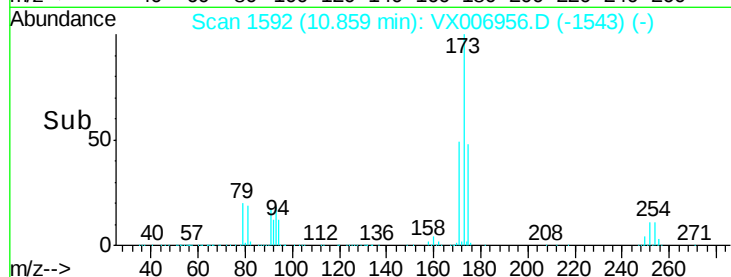
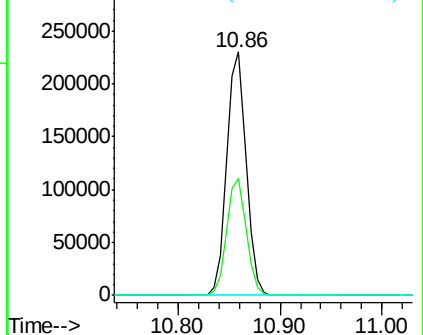
173 100

175 48.6 24.7 74.1

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

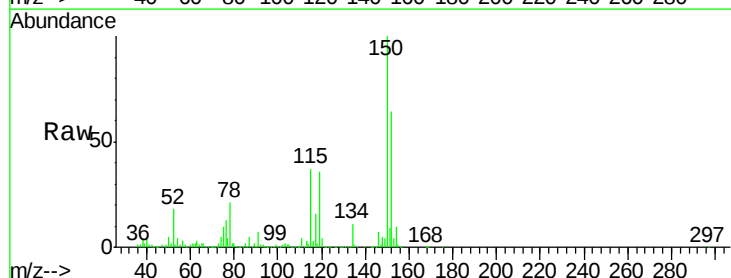
Tgt Ion:152 Resp: 470723

Ion Ratio Lower Upper

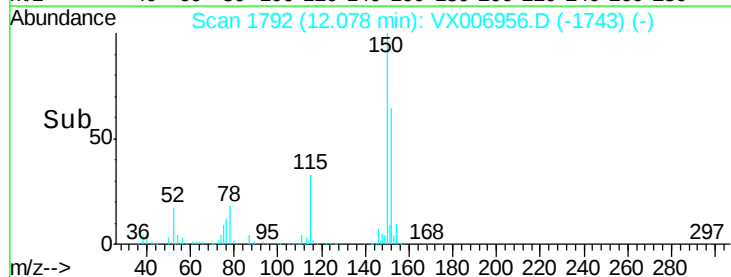
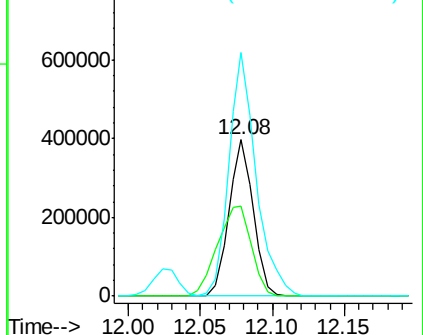
152 100

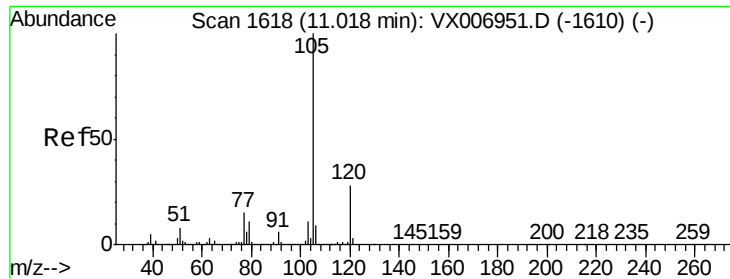
115 80.2 39.1 117.2

150 175.0 0.0 344.8



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





#73

Isopropylbenzene

Concen: 53.384 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

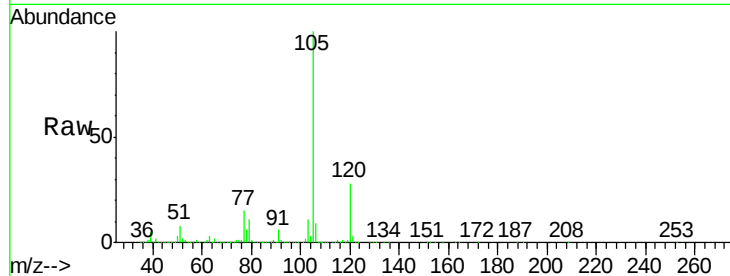
VSTDCCC050

Tot Ion:105 Resp: 1771960

Ion Ratio Lower Upper

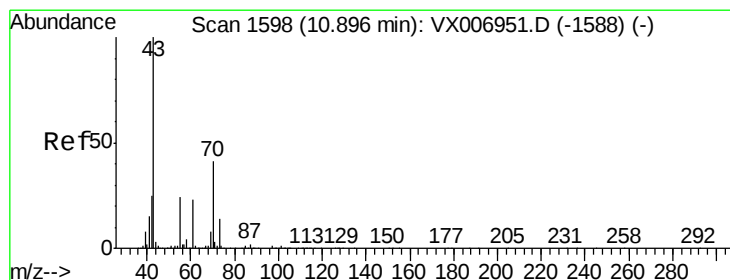
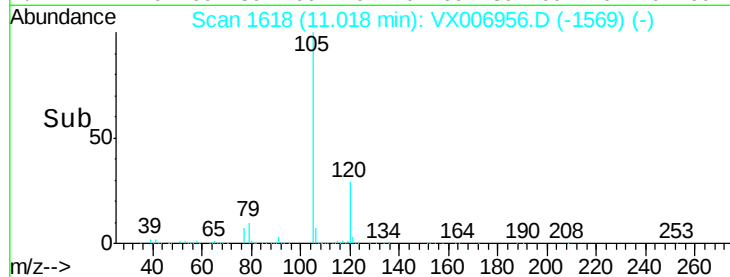
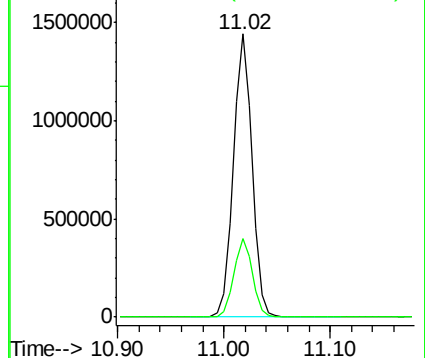
105 100

120 27.7 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.827 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

Tgt Ion: 43 Resp: 705978

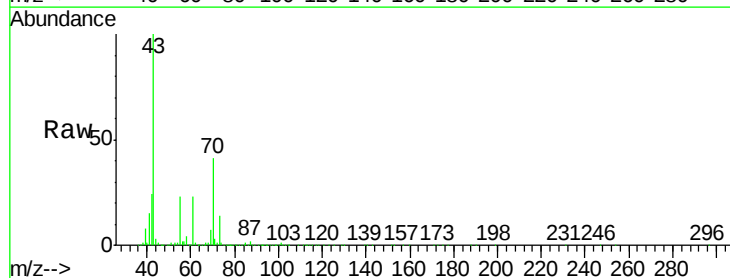
Ion Ratio Lower Upper

43 100

70 42.6 35.8 53.8

55 23.7 19.4 29.0

61 23.8 20.1 30.1

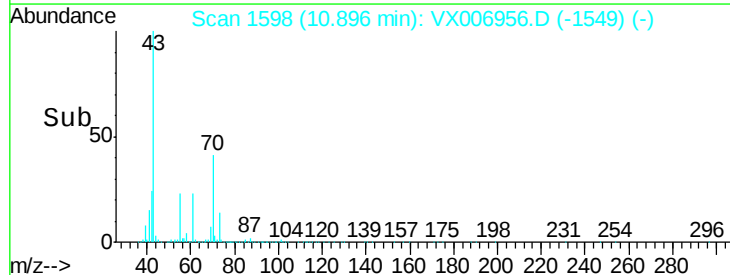
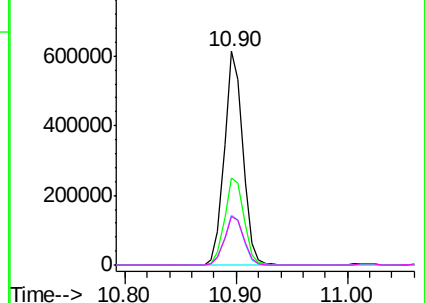


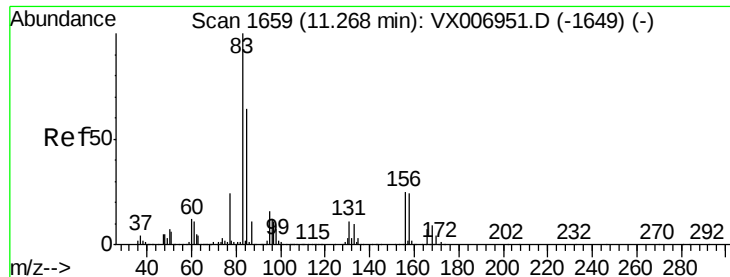
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 50.062 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

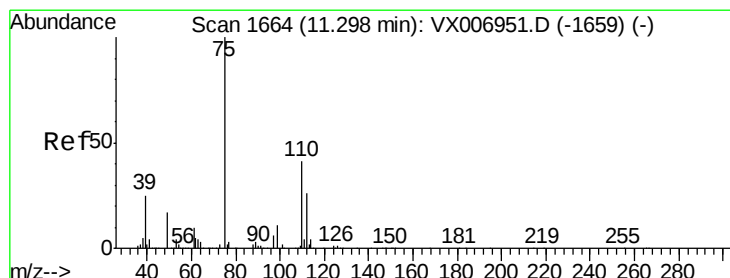
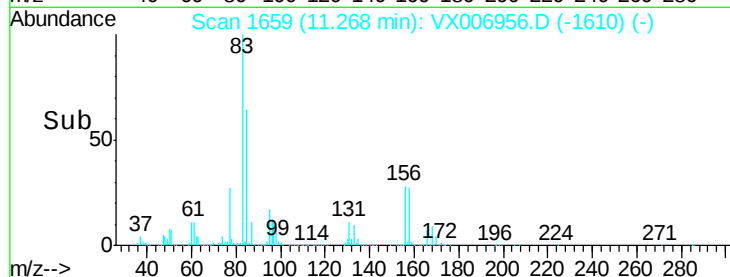
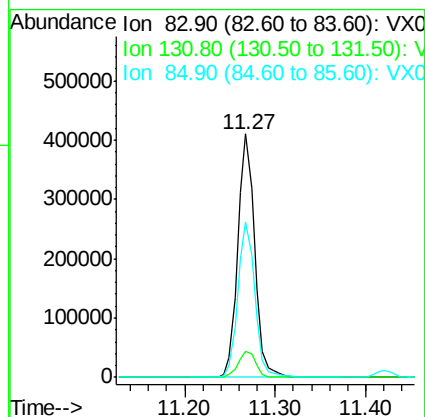
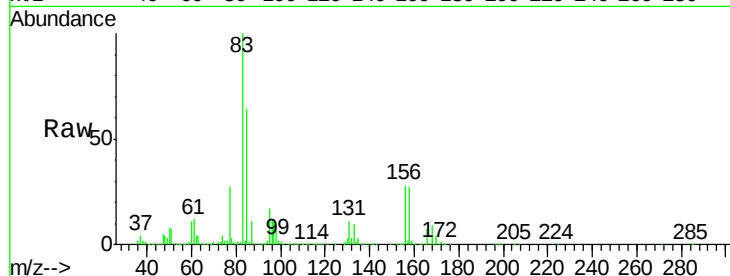
Tot Ion: 83 Resp: 527529

Ion Ratio Lower Upper

83 100

131 11.1 5.7 17.1

85 64.7 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 64.939 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006956.D

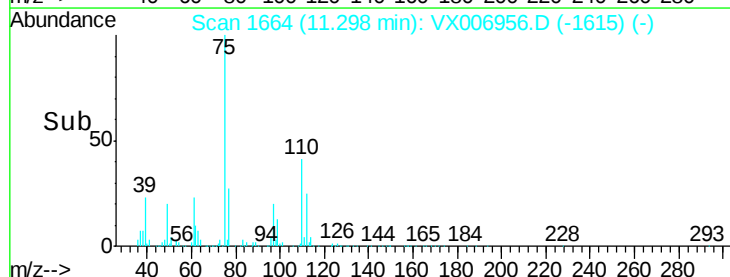
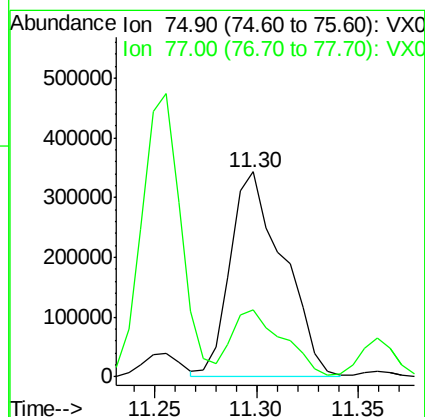
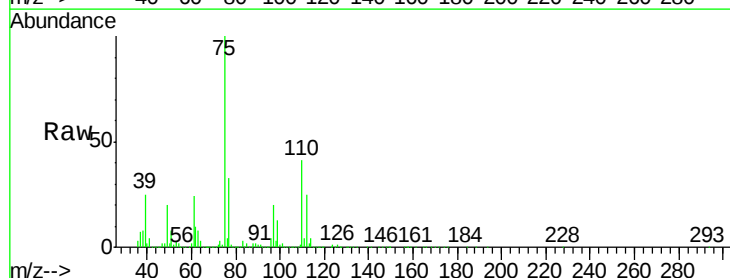
Acq: 09 Jan 2019 10:17

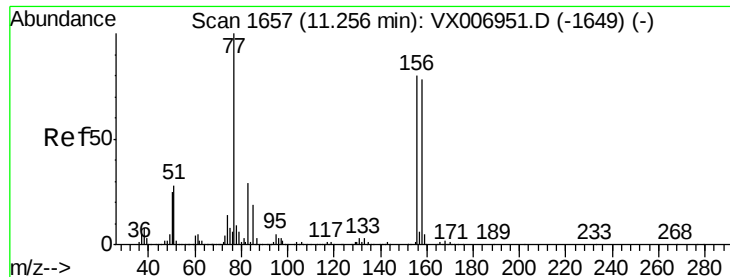
Tgt Ion: 75 Resp: 619456

Ion Ratio Lower Upper

75 100

77 31.5 18.5 55.5





#77

Bromobenzene

Concen: 51.225 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

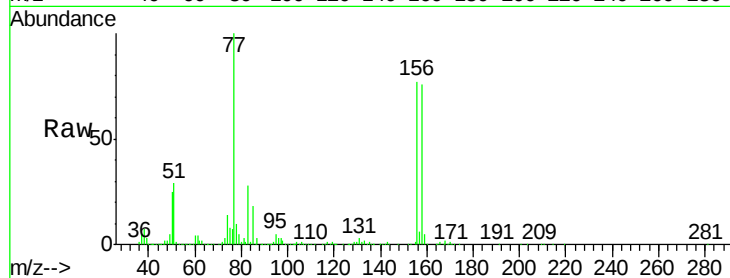
Tot Ion:156 Resp: 468492

Ion Ratio Lower Upper

156 100

77 134.3 68.0 204.0

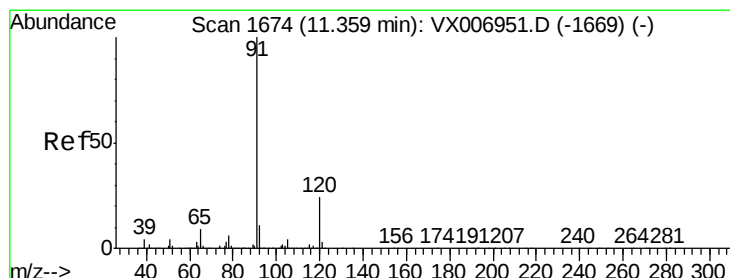
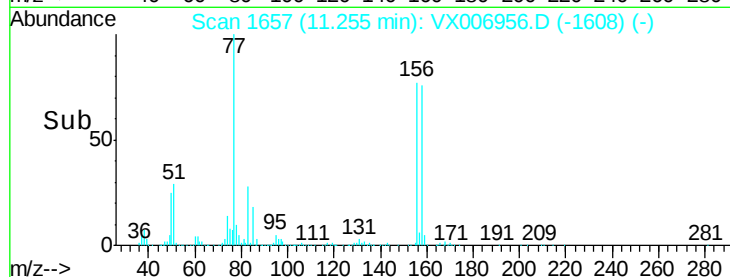
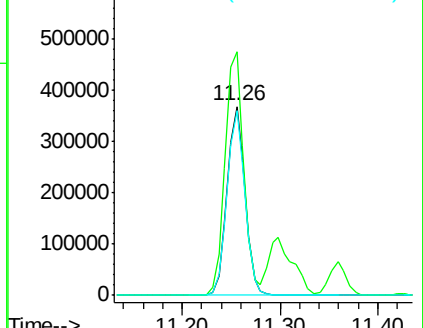
158 97.6 48.3 144.8



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: 54.725 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006956.D

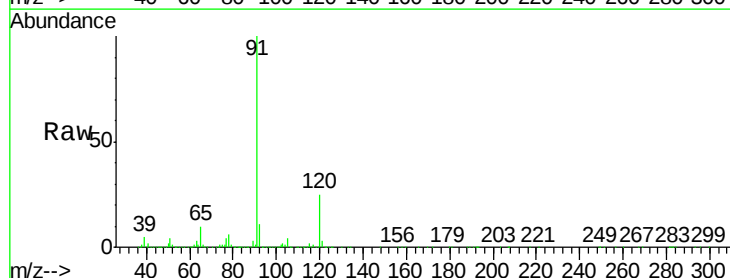
Acq: 09 Jan 2019 10:17

Tgt Ion: 91 Resp: 1994097

Ion Ratio Lower Upper

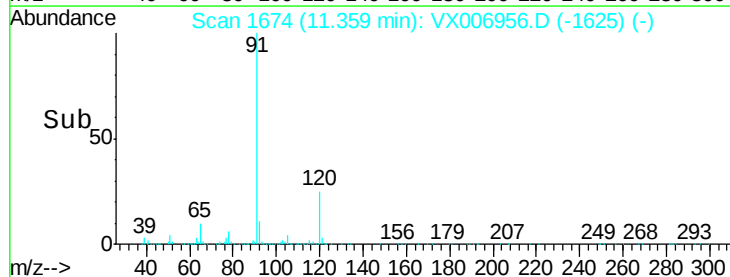
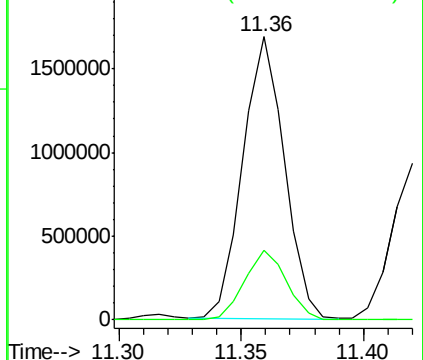
91 100

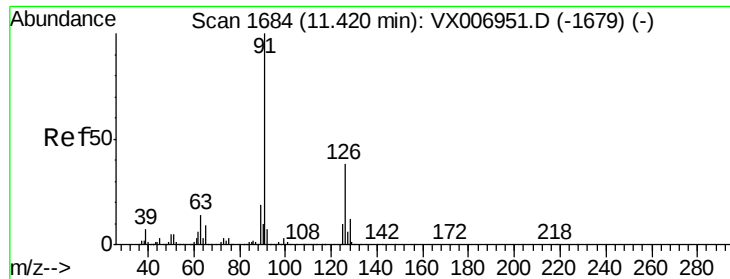
120 24.9 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.103 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

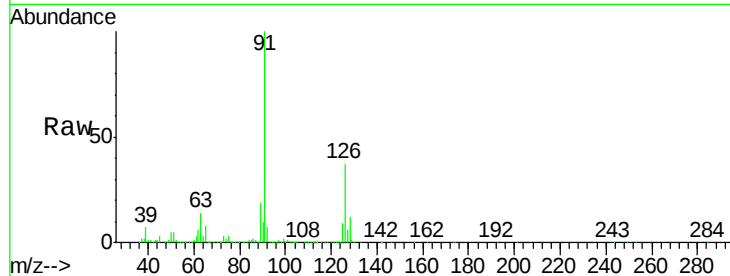
VSTDCCC050

Tot Ion: 91 Resp: 1142844

Ion Ratio Lower Upper

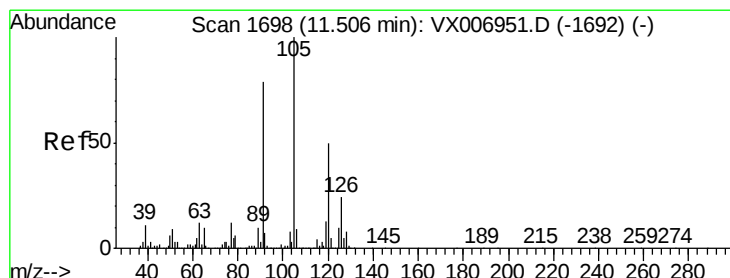
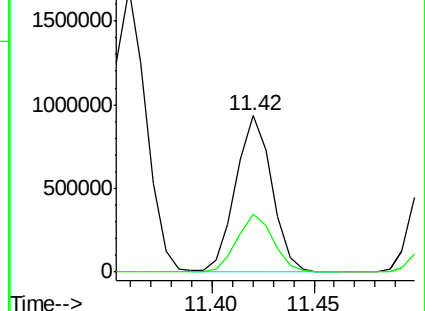
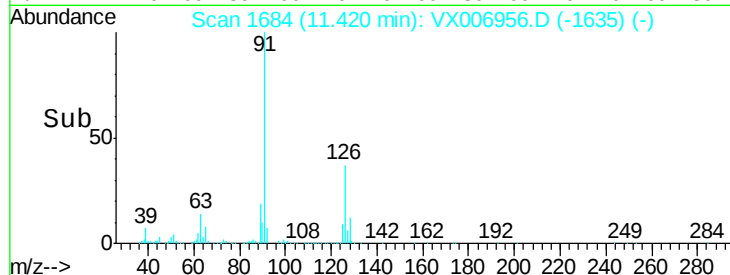
91 100

126 37.4 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX006956.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX006956.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.714 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006956.D

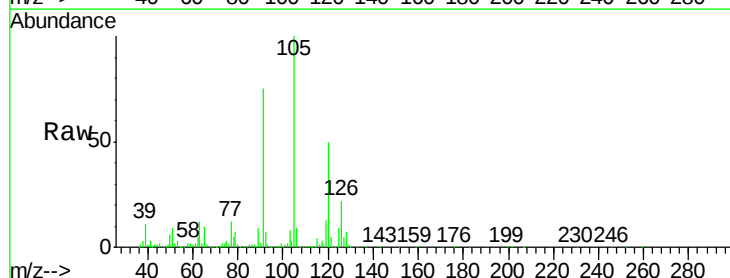
Acq: 09 Jan 2019 10:17

Tgt Ion: 105 Resp: 1462020

Ion Ratio Lower Upper

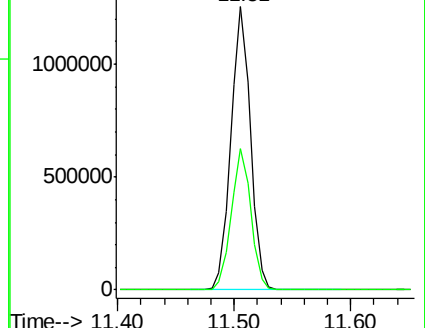
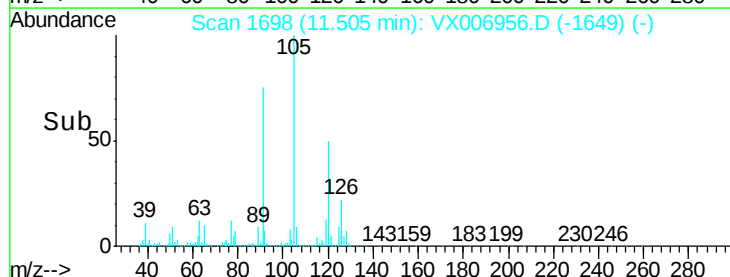
105 100

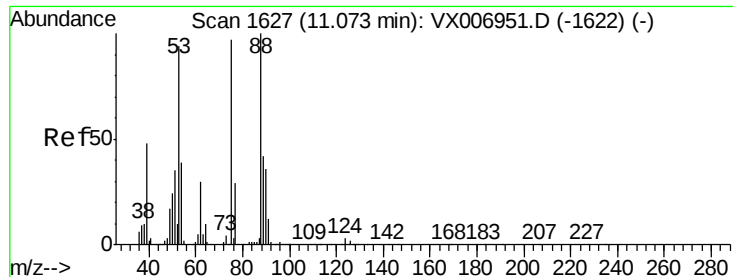
120 50.0 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX006956.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX006956.D (-1692) (-)

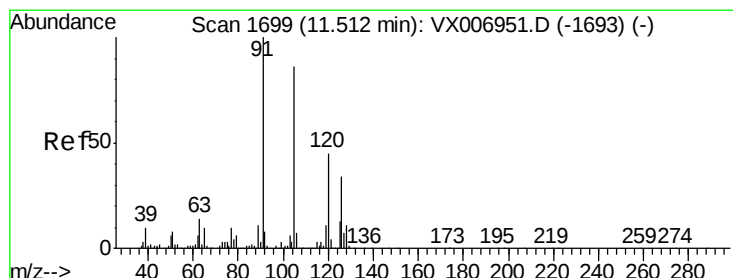
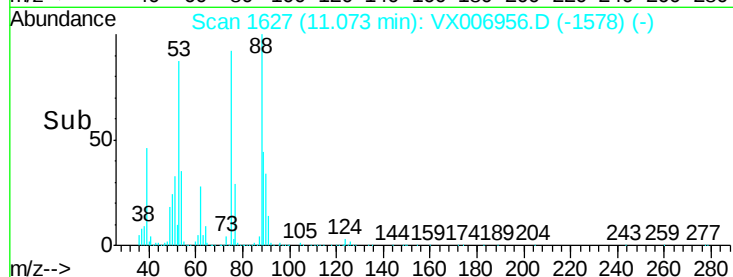
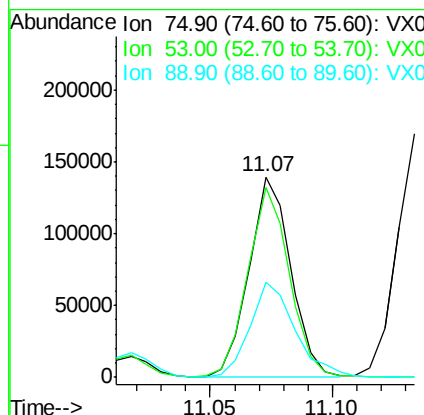
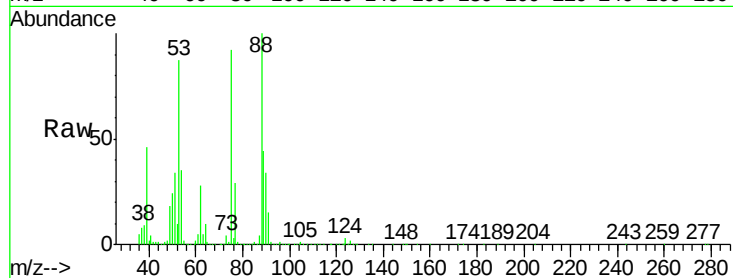




#81
trans-1,4-Dichloro-2-butene
Concen: 52.031 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006956.D
Acq: 09 Jan 2019 10:17

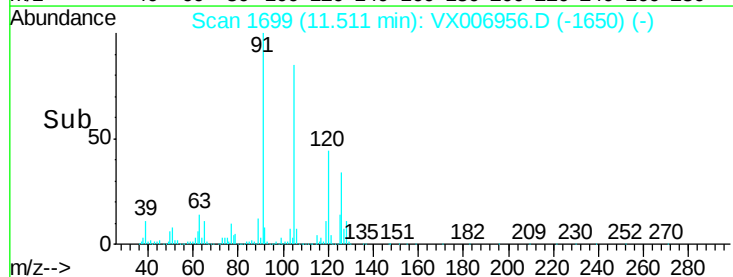
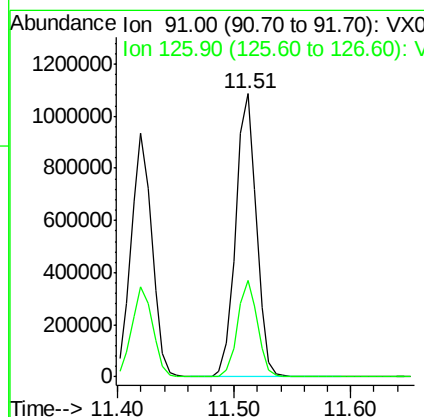
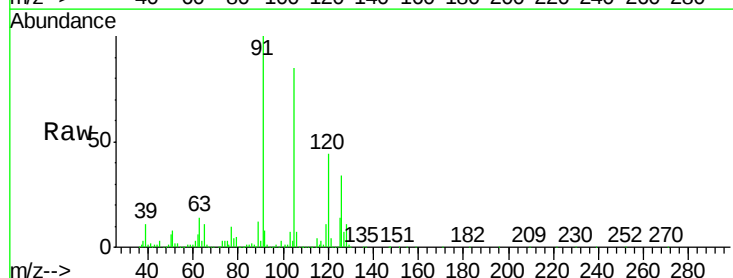
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

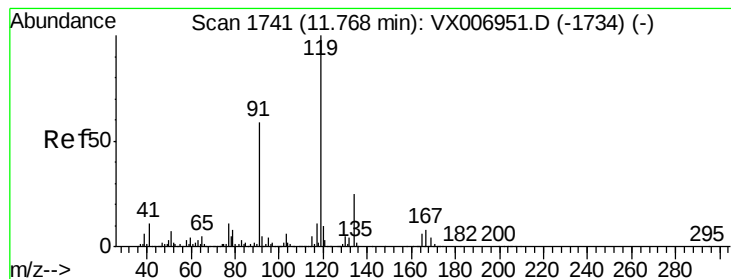
Tot Ion: 75 Resp: 164987
Ion Ratio Lower Upper
75 100
53 94.8 79.7 119.5
89 52.4 38.0 57.0



#82
4-Chlorotoluene
Concen: 53.087 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006956.D
Acq: 09 Jan 2019 10:17

Tgt Ion: 91 Resp: 1348229
Ion Ratio Lower Upper
91 100
126 32.9 16.3 48.9





#83

tert-Butylbenzene

Concen: 53.798 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

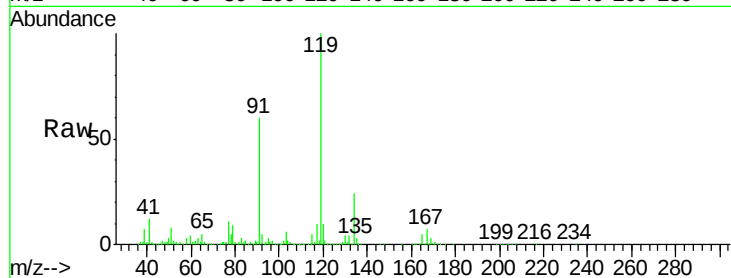
Tot Ion:119 Resp: 1488689

Ion Ratio Lower Upper

119 100

91 54.6 27.7 83.1

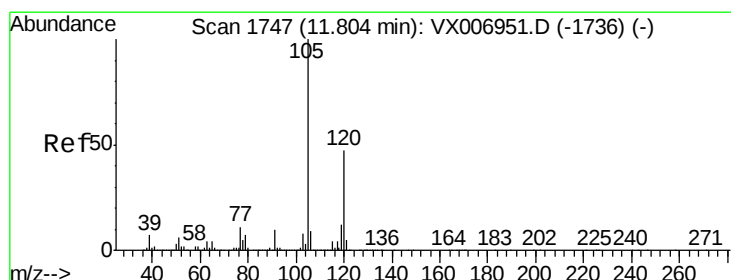
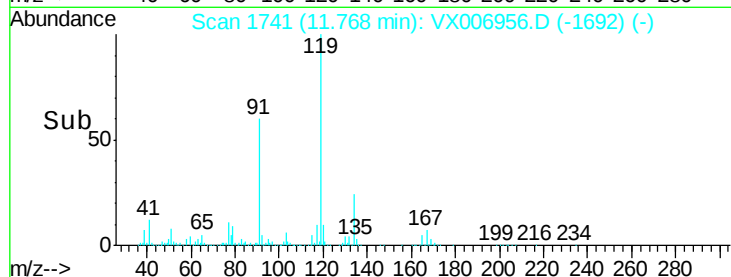
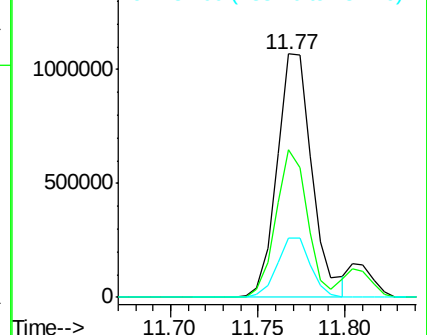
134 23.4 11.9 35.5



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: 53.481 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006956.D

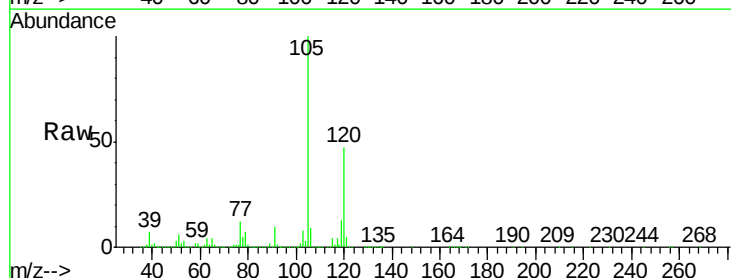
Acq: 09 Jan 2019 10:17

Tgt Ion:105 Resp: 1491590

Ion Ratio Lower Upper

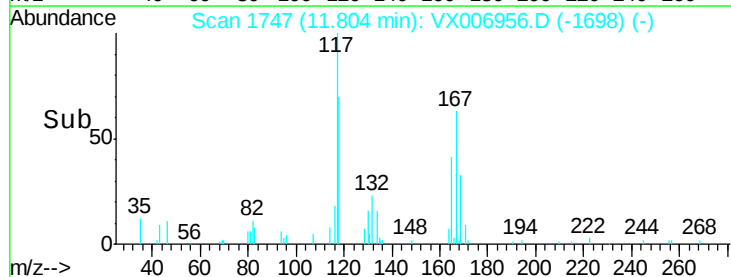
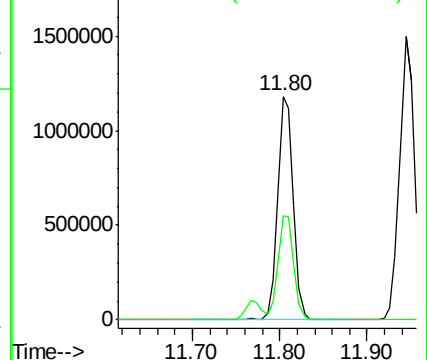
105 100

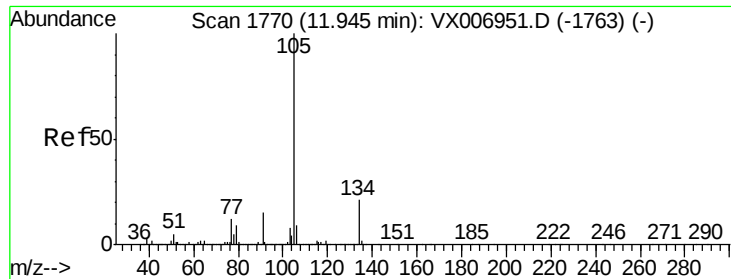
120 46.5 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

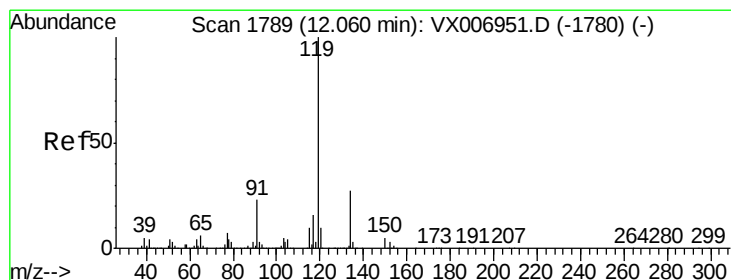
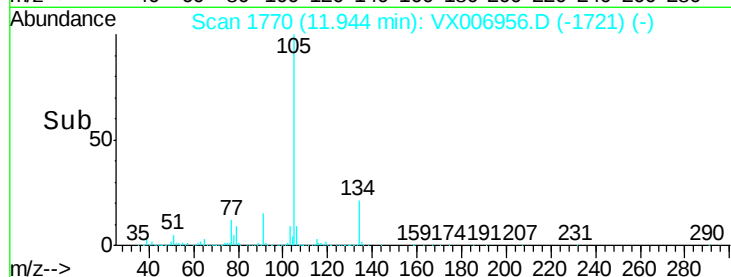
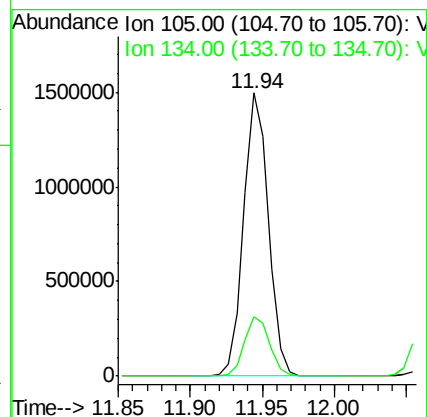
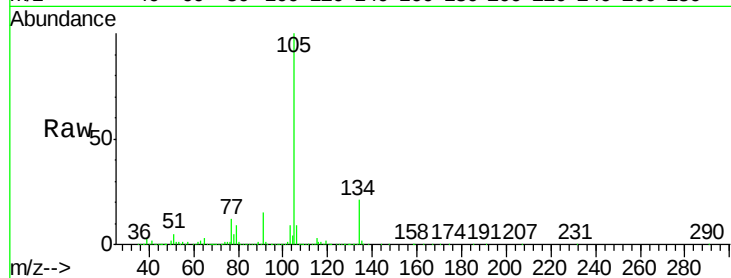




#85
 sec-Butylbenzene
 Concen: 53.969 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX006956.D
 Acq: 09 Jan 2019 10:17

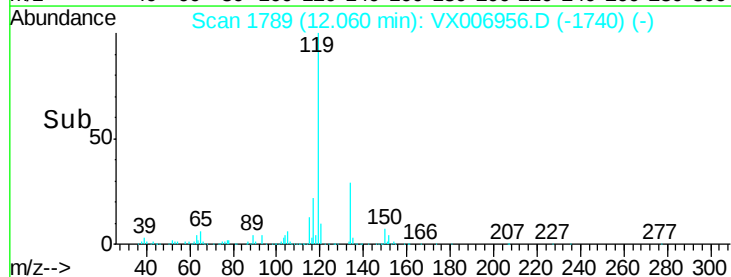
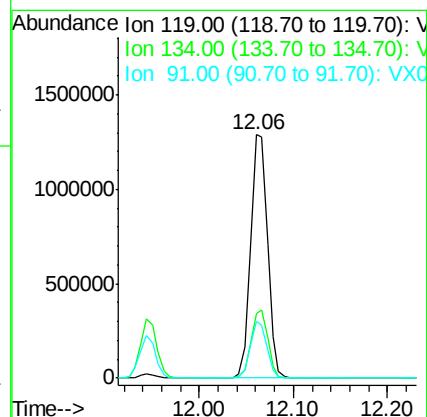
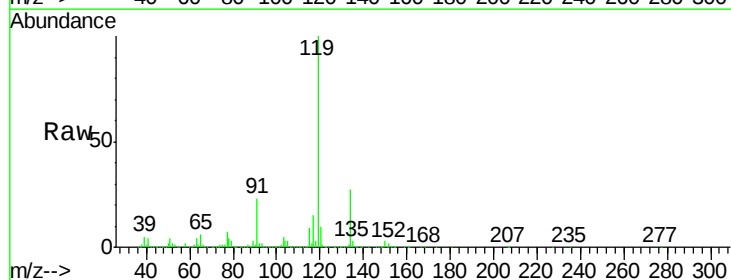
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

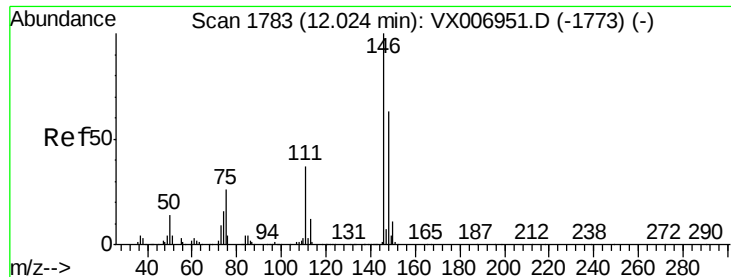
Tot Ion:105 Resp: 1783558
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 54.457 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX006956.D
 Acq: 09 Jan 2019 10:17

Tgt Ion:119 Resp: 1609761
 Ion Ratio Lower Upper
 119 100
 134 27.7 14.0 41.9
 91 22.5 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 51.512 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

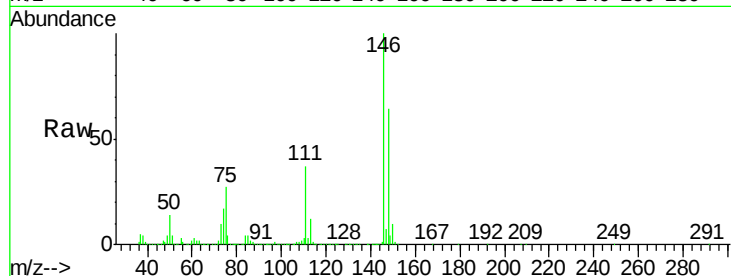
Tot Ion:146 Resp: 851548

Ion Ratio Lower Upper

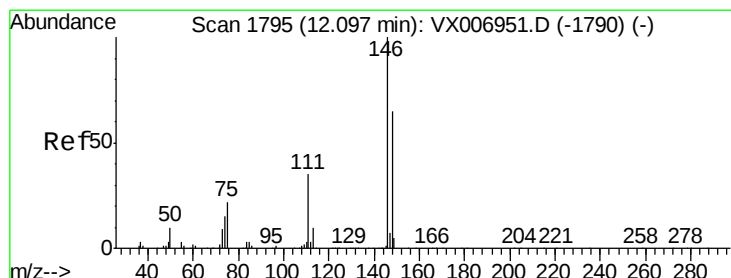
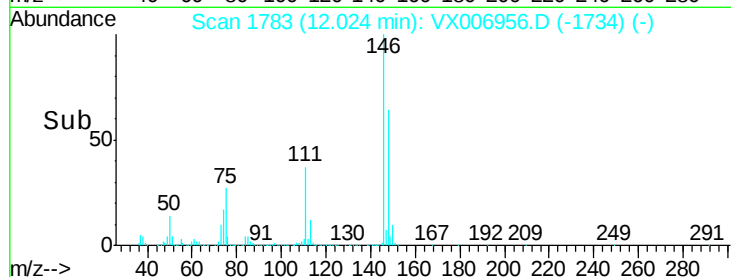
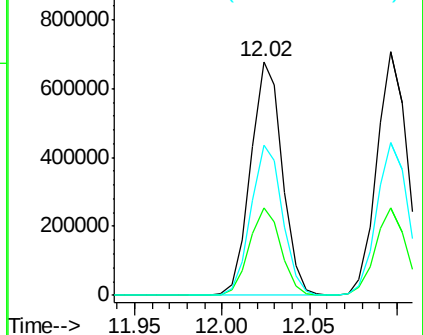
146 100

111 37.2 18.6 55.8

148 64.0 31.8 95.3



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



#88

1,4-Dichlorobenzene

Concen: 54.545 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

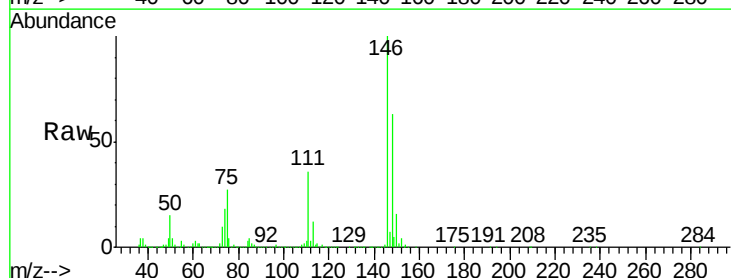
Tgt Ion:146 Resp: 854520

Ion Ratio Lower Upper

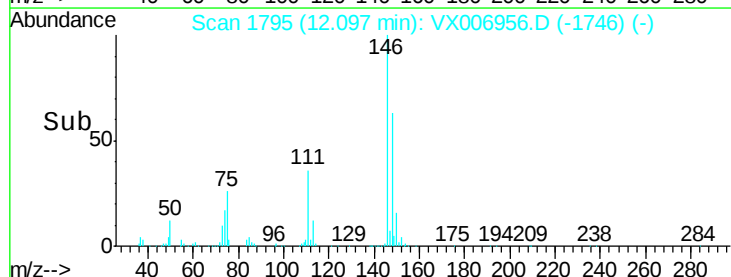
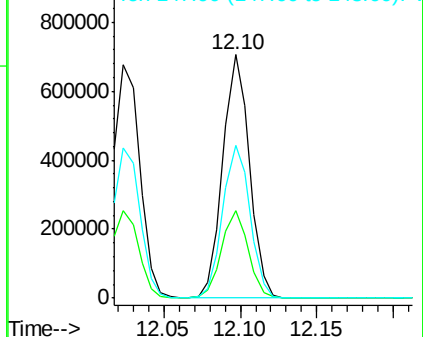
146 100

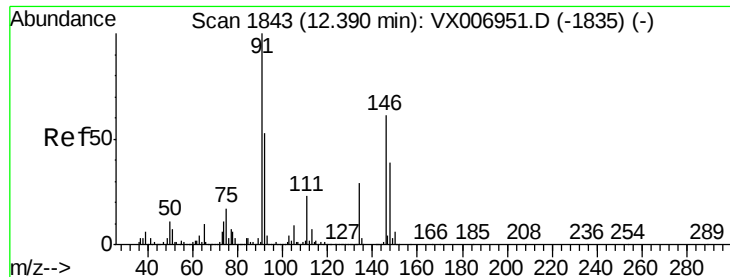
111 36.2 18.1 54.1

148 64.3 31.9 95.9



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

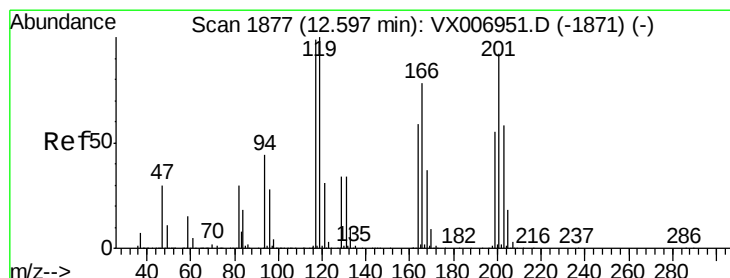
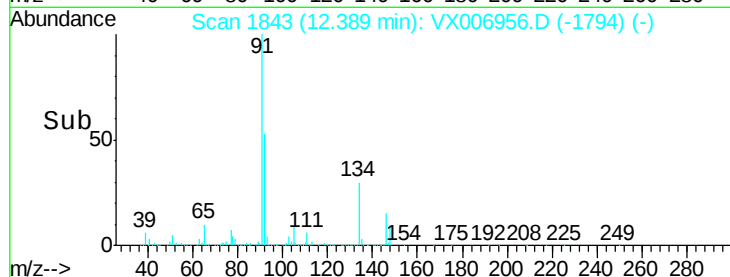
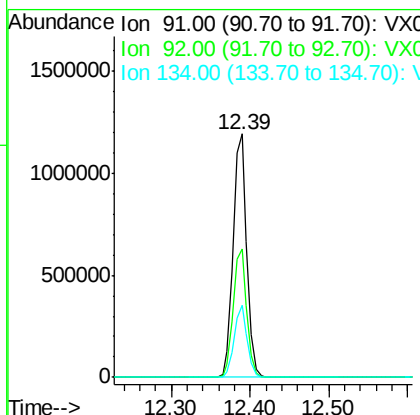
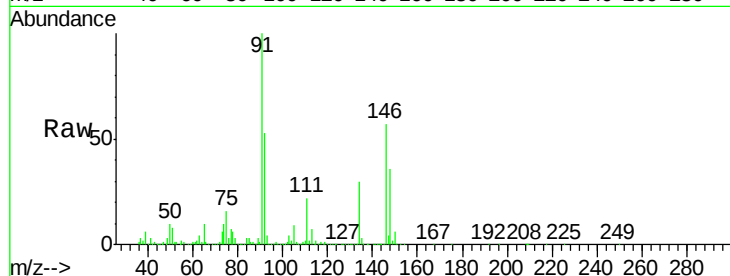




#89
n-Butylbenzene
Concen: 56.412 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006956.D
Acq: 09 Jan 2019 10:17

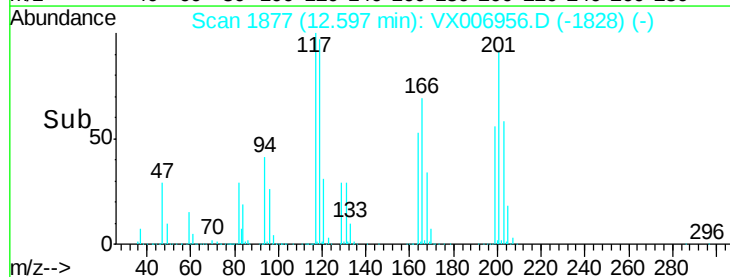
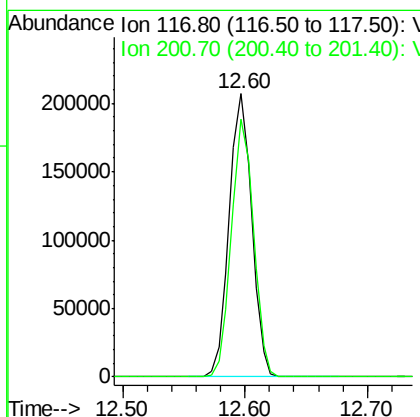
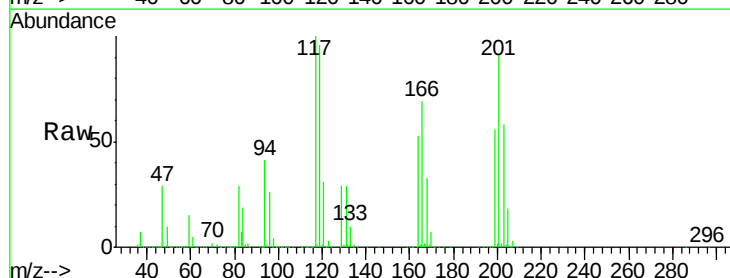
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

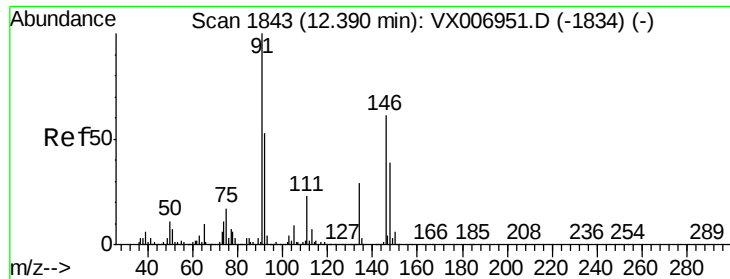
Tot Ion: 91 Resp: 1421541
Ion Ratio Lower Upper
91 100
92 52.6 26.8 80.4
134 28.4 14.4 43.2



#90
Hexachloroethane
Concen: 55.423 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006956.D
Acq: 09 Jan 2019 10:17

Tgt Ion: 117 Resp: 263128
Ion Ratio Lower Upper
117 100
201 89.3 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 50.994 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

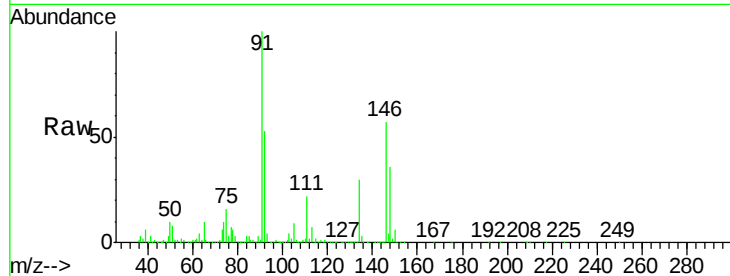
Tot Ion:146 Resp: 831885

Ion Ratio Lower Upper

146 100

111 38.7 19.4 58.2

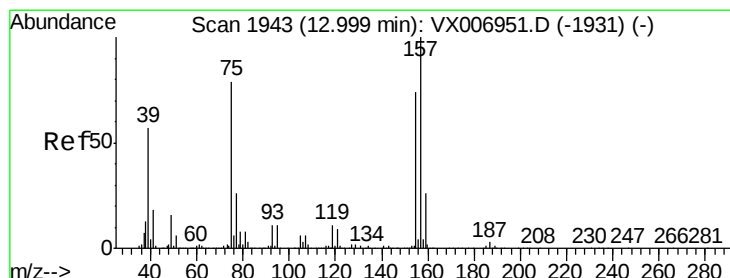
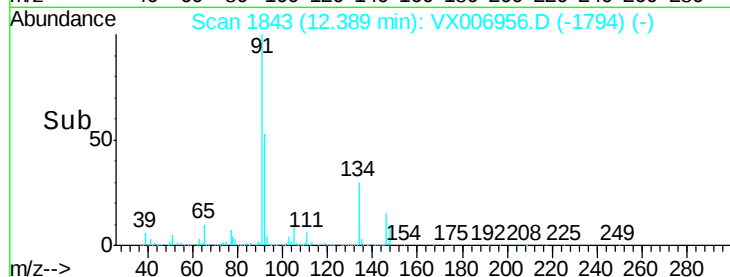
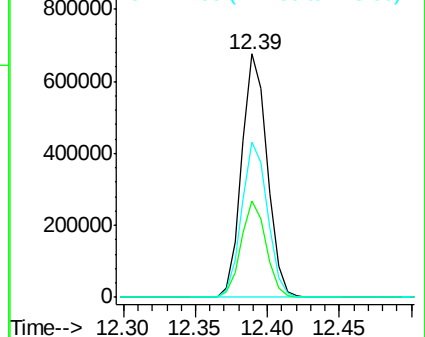
148 64.3 32.3 96.9



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: 55.686 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX006956.D

Acq: 09 Jan 2019 10:17

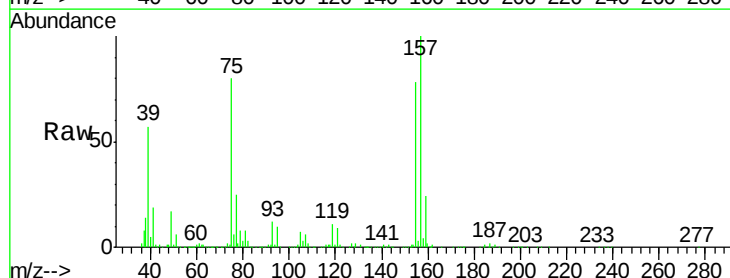
Tgt Ion: 75 Resp: 116054

Ion Ratio Lower Upper

75 100

155 100.5 50.6 151.8

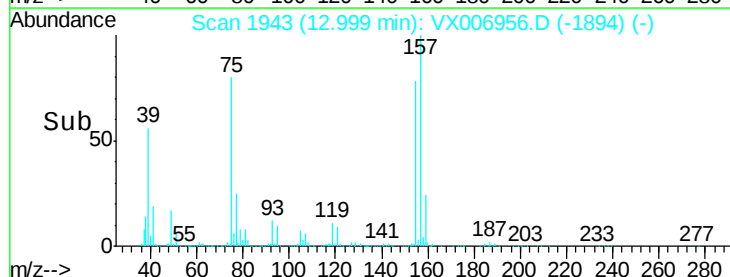
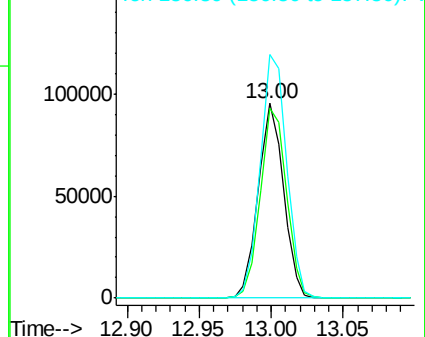
157 129.8 64.6 193.8

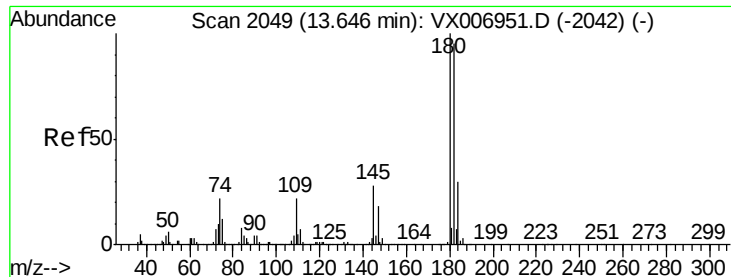


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

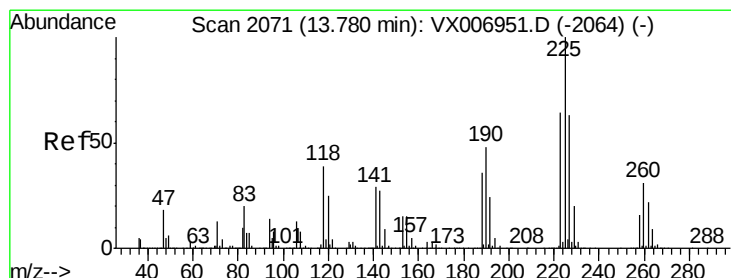
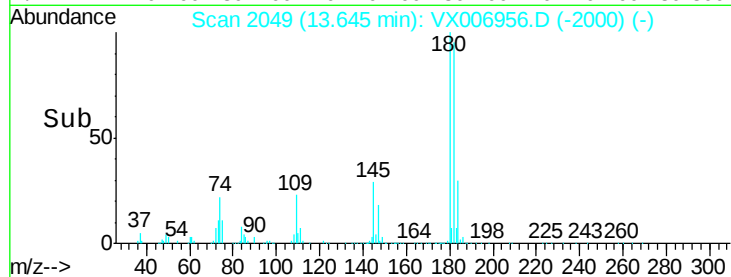
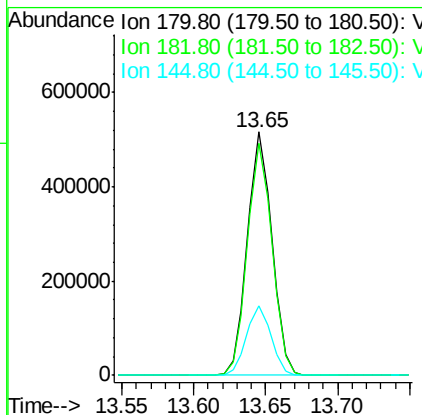
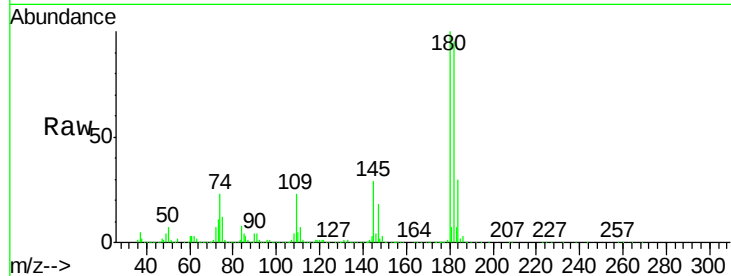




#93
 1,2,4-Trichlorobenzene
 Concen: 54.388 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006956.D
 Acq: 09 Jan 2019 10:17

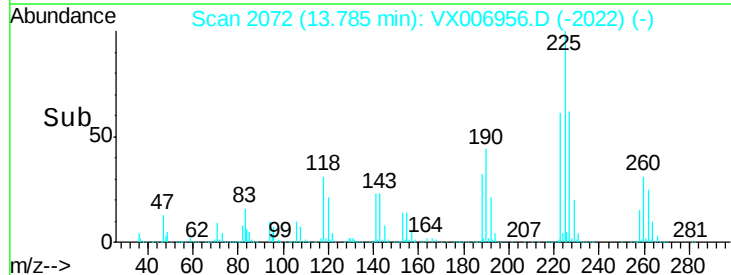
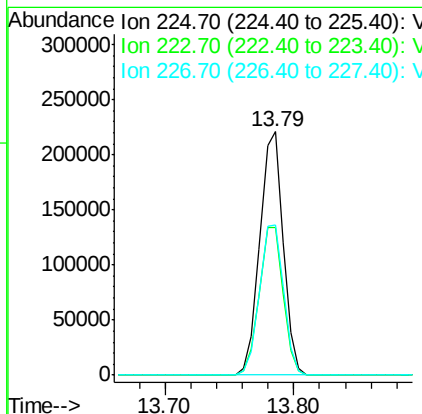
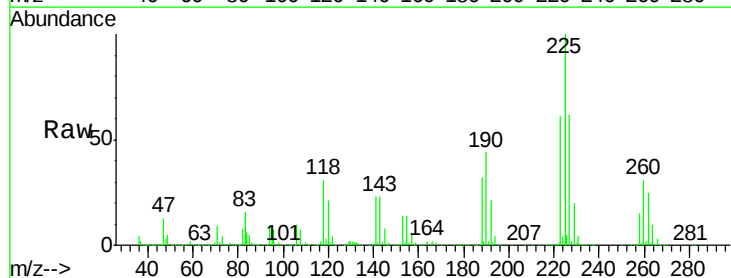
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

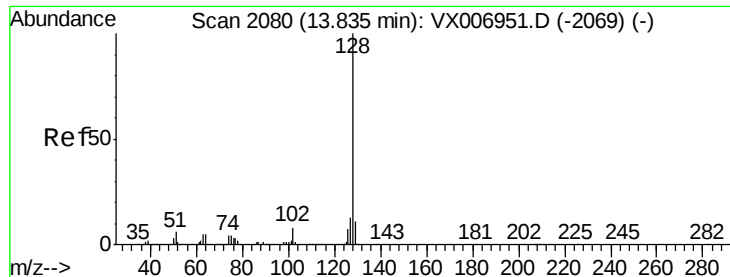
Tot Ion:180 Resp: 608725
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.3 142.0
 145 28.9 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 55.345 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VX006956.D
 Acq: 09 Jan 2019 10:17

Tgt Ion:225 Resp: 274882
 Ion Ratio Lower Upper
 225 100
 223 62.2 32.1 96.3
 227 63.9 32.3 96.8

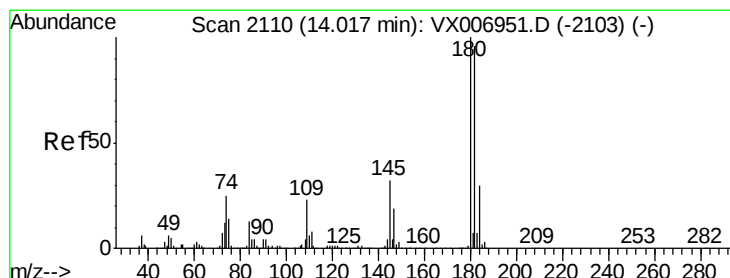
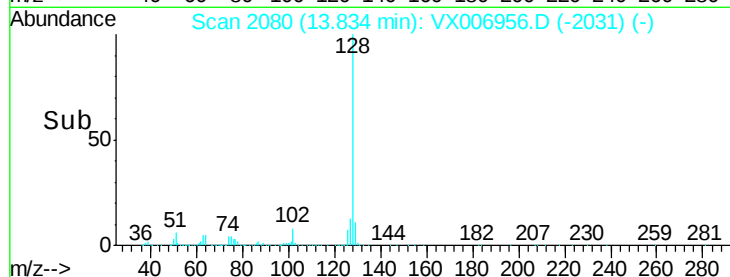
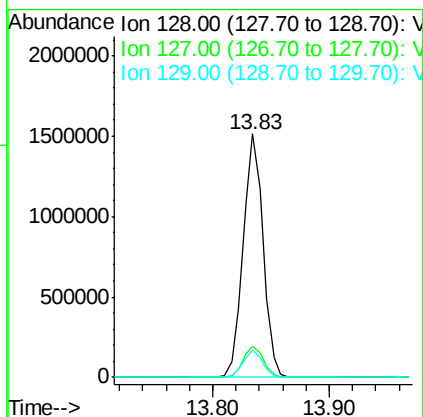
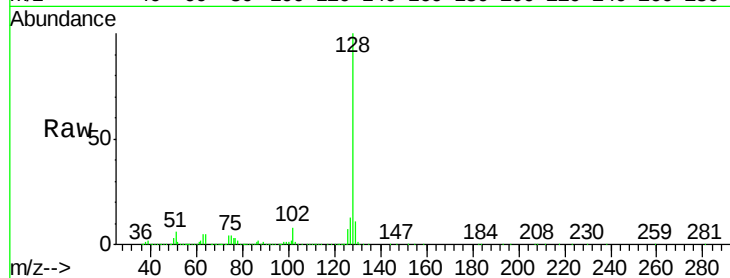




#95
Naphthalene
Concen: 53.357 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006956.D
Acq: 09 Jan 2019 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 1809595
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 53.191 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX006956.D
Acq: 09 Jan 2019 10:17

Tgt Ion:180 Resp: 591388
Ion Ratio Lower Upper
180 100
182 96.8 48.5 145.5
145 30.7 16.0 47.9

