

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082219\
 Data File : VX011748.D
 Acq On : 22 Aug 2019 08:56
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Aug 23 01:22:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:19:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	373356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	487592	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	442187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	227108	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	8046	2.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	4.52%	
35) Dibromofluoromethane	5.49	113	6884	2.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	4.26%	
50) Toluene-d8	8.71	98	16459	1.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3.18%	
62) 4-Bromofluorobenzene	11.13	95	5994	1.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	3180	0.875	ug/l	82
3) Chloromethane	1.32	50	3264	0.875	ug/l	99
4) Vinyl Chloride	1.40	62	3306	0.982	ug/l	97
5) Bromomethane	1.64	94	2204	1.411	ug/l #	80
6) Chloroethane	1.72	64	1975	1.178	ug/l	97
7) Trichlorofluoromethane	1.93	101	4846	1.010	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.38	101	3173	0.972	ug/l #	90
10) Methyl Iodide	2.50	142	2772	0.612	ug/l #	76
11) Tert butyl alcohol	3.03	59	3271	3.941	ug/l	95
12) 1,1-Dichloroethene	2.37	96	3404	1.082	ug/l #	83
13) Acrolein	2.28	56	1978	6.977	ug/l #	46
14) Allyl chloride	2.72	41	4399	0.843	ug/l #	94
15) Acrylonitrile	3.14	53	8192	4.291	ug/l	99
16) Acetone	2.43	43	8567	4.946	ug/l	95
17) Carbon Disulfide	2.56	76	8253	1.096	ug/l	96
18) Methyl Acetate	2.76	43	4044	0.768	ug/l #	88
19) Methyl tert-butyl Ether	3.18	73	9713	0.950	ug/l #	89
20) Methylene Chloride	2.85	84	3768	1.038	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	3348	0.998	ug/l #	83
22) Diisopropyl ether	3.85	45	8397	0.817	ug/l	95
23) Vinyl Acetate	3.81	43	32419	3.952	ug/l	100
24) 1,1-Dichloroethane	3.68	63	5298	0.901	ug/l #	85
25) 2-Butanone	4.67	43	10771	4.044	ug/l	92
26) 2,2-Dichloropropane	4.58	77	4899	1.091	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	4190	1.079	ug/l	84
28) Bromochloromethane	5.01	49	2420	0.934	ug/l #	63
29) Tetrahydrofuran	5.06	42	368	0.210	ug/l	95
30) Chloroform	5.20	83	6014	0.969	ug/l	92
31) Cyclohexane	5.58	56	4078	0.805	ug/l #	88
32) 1,1,1-Trichloroethane	5.48	97	4435	0.827	ug/l #	46
36) 1,1-Dichloropropene	5.79	75	3580	0.873	ug/l	93
37) Ethyl Acetate	4.82	43	3066	0.653	ug/l #	76
38) Carbon Tetrachloride	5.78	117	4659	1.028	ug/l #	74
39) Methylcyclohexane	7.46	83	4778	0.934	ug/l	97

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 ClientSampleId :
 VSTDIC001

Quant Time: Aug 23 01:22:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:19:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.13	78	13119	1.031	ug/l	97
41) Methacrylonitrile	5.04	41	1516	0.590	ug/l #	33
42) 1,2-Dichloroethane	6.18	62	4935	1.109	ug/l	99
43) Isopropyl Acetate	6.44	43	6697	0.912	ug/l #	88
44) Trichloroethene	7.20	130	3981	1.045	ug/l	81
45) 1,2-Dichloropropane	7.51	63	3254	1.025	ug/l	90
46) Dibromomethane	7.65	93	2436	1.047	ug/l	88
47) Bromodichloromethane	7.90	83	3962	0.930	ug/l #	83
48) Methyl methacrylate	7.77	41	2996	0.825	ug/l #	78
49) 1,4-Dioxane	7.74	88	2151	22.195	ug/l #	73
51) 4-Methyl-2-Pentanone	8.63	43	20404	4.265	ug/l	98
52) Toluene	8.78	92	8412	1.031	ug/l	88
53) t-1,3-Dichloropropene	9.04	75	3735	0.846	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	3882	0.805	ug/l	91
55) 1,1,2-Trichloroethane	9.21	97	3385	0.978	ug/l #	86
56) Ethyl methacrylate	9.18	69	3735	0.743	ug/l #	77
57) 1,3-Dichloropropane	9.37	76	5967	1.092	ug/l	93
58) 2-Chloroethyl Vinyl ether	8.31	63	9864	3.898	ug/l	92
59) 2-Hexanone	9.49	43	13898	3.762	ug/l	100
60) Dibromochloromethane	9.58	129	3257	0.905	ug/l	98
61) 1,2-Dibromoethane	9.67	107	3314	0.896	ug/l	98
64) Tetrachloroethene	9.33	164	3924	1.074	ug/l	91
65) Chlorobenzene	10.13	112	9292	1.001	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	3204	0.920	ug/l #	67
67) Ethyl Benzene	10.25	91	14063	0.899	ug/l	96
68) m/p-Xylenes	10.35	106	10461	1.742	ug/l	99
69) o-Xylene	10.69	106	5329	0.905	ug/l	100
70) Styrene	10.71	104	8377	0.849	ug/l	97
71) Bromoform	10.85	173	2636	0.892	ug/l #	98
73) Isopropylbenzene	11.01	105	13963	0.959	ug/l	99
74) N-amyl acetate	10.90	43	4985	0.816	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.27	83	5033	1.016	ug/l #	95
76) 1,2,3-Trichloropropane	11.29	75	4956	1.171	ug/l	89
77) Bromobenzene	11.26	156	4321	1.003	ug/l	90
78) n-propylbenzene	11.36	91	13421	0.855	ug/l	98
79) 2-Chlorotoluene	11.42	91	9458	0.982	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	10658	0.871	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.07	75	1024	0.718	ug/l #	56
82) 4-Chlorotoluene	11.51	91	10378	0.928	ug/l	99
83) tert-Butylbenzene	11.77	119	10319	0.831	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	10856	0.885	ug/l	98
85) sec-Butylbenzene	11.94	105	12471	0.894	ug/l	100
86) p-Isopropyltoluene	12.06	119	11252	0.852	ug/l	86
87) 1,3-Dichlorobenzene	12.02	146	7263	0.976	ug/l	95
88) 1,4-Dichlorobenzene	12.02	146	7263	0.964	ug/l	95
89) n-Butylbenzene	12.38	91	9236	0.850	ug/l	98
90) Hexachloroethane	12.59	117	1792	0.859	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	7331	0.982	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1121	0.980	ug/l	85
93) 1,2,4-Trichlorobenzene	13.64	180	4842	0.871	ug/l	94

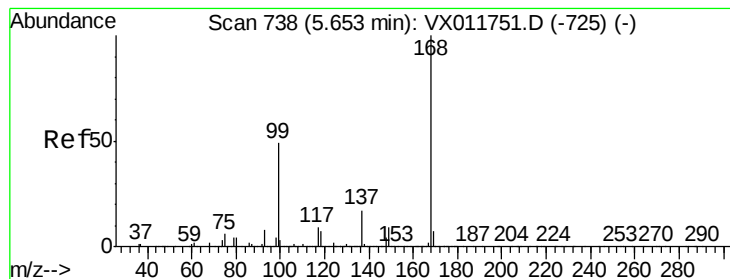
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082219\
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MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Aug 23 01:22:34 2019
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Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:19:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	3170	1.060	ug/l	92
95) Naphthalene	13.83	128	11417	0.733	ug/l	96
96) 1,2,3-Trichlorobenzene	14.02	180	4516	0.807	ug/l	89

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

Instrument :

MSVOA_X

ClientSampleId :

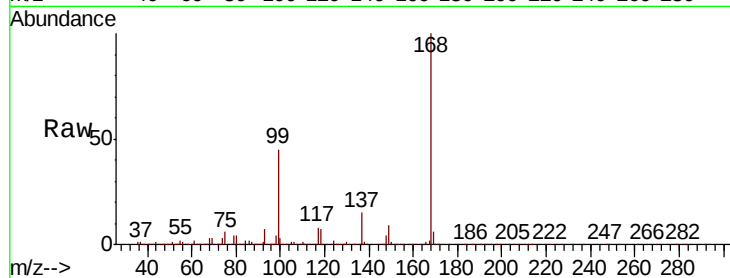
VSTDIC001

Tgt Ion:168 Resp: 373356

Ion Ratio Lower Upper

168 100

99 45.3 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

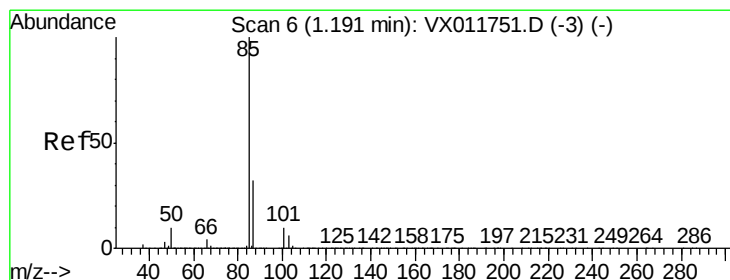
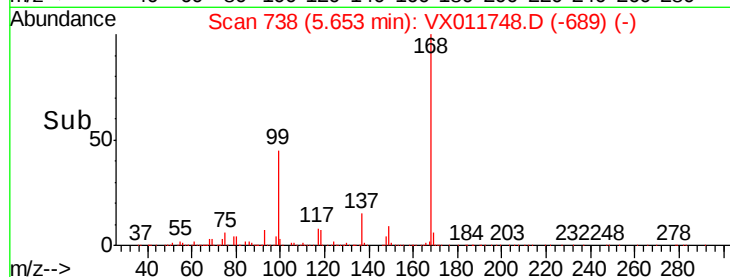
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.875 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011748.D

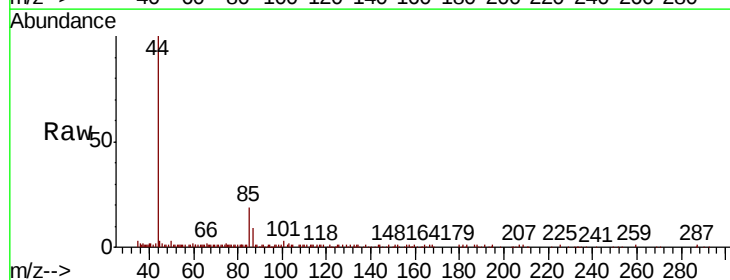
Acq: 22 Aug 2019 08:56

Tgt Ion: 85 Resp: 3180

Ion Ratio Lower Upper

85 100

87 42.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

3000

2500

2000

1500

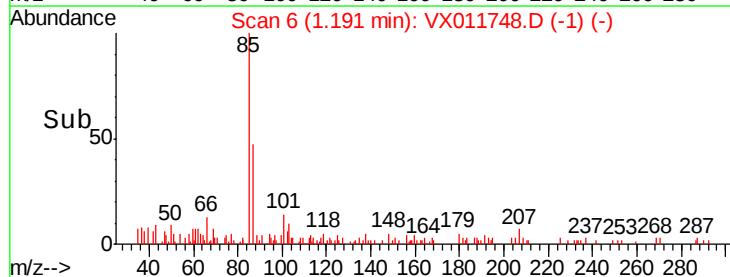
1000

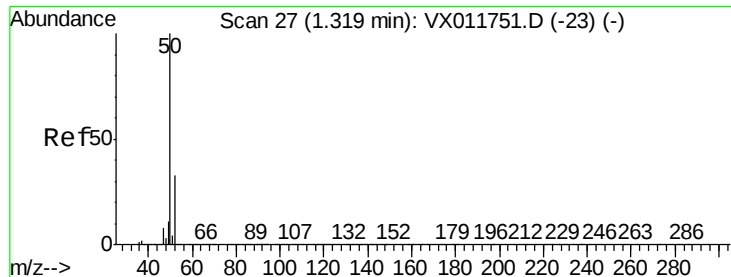
500

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 0.875 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

Instrument :

MSVOA_X

ClientSampleId :

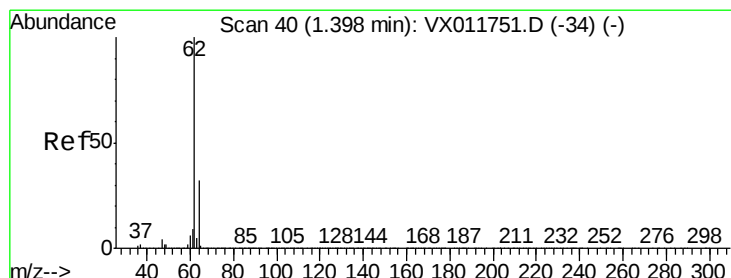
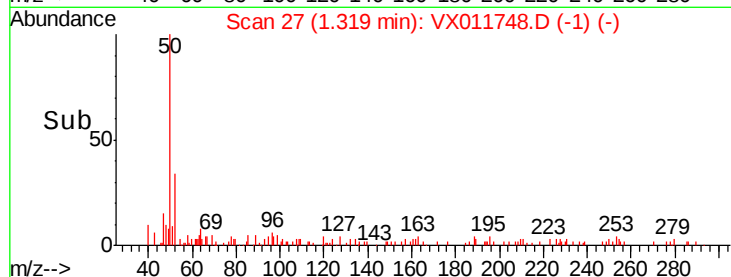
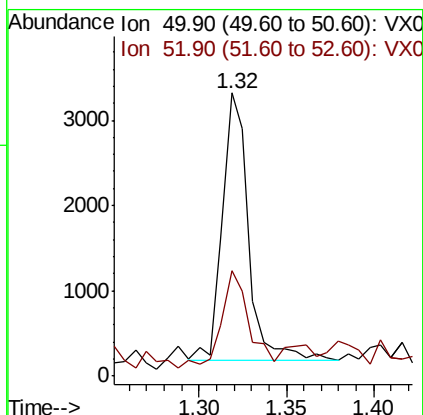
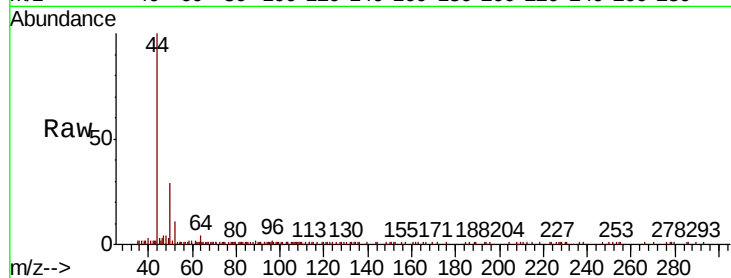
VSTDIC001

Tgt Ion: 50 Resp: 3264

Ion Ratio Lower Upper

50 100

52 33.9 26.6 39.8



#4

Vinyl Chloride

Concen: 0.982 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011748.D

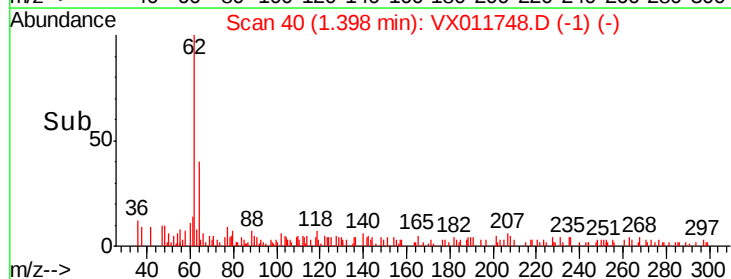
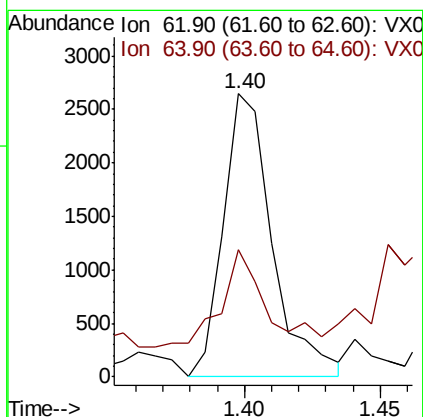
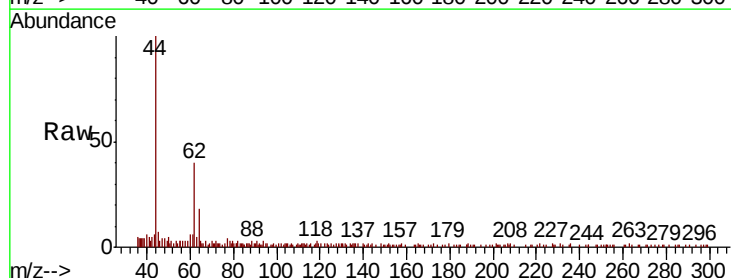
Acq: 22 Aug 2019 08:56

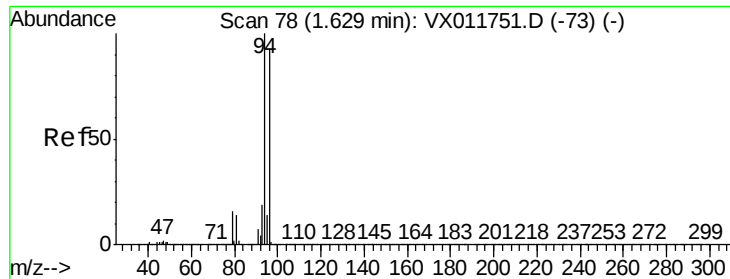
Tgt Ion: 62 Resp: 3306

Ion Ratio Lower Upper

62 100

64 33.3 25.5 38.3





#5

Bromomethane

Concen: 1.411 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.01 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

Instrument :

MSVOA_X

ClientSampleId :

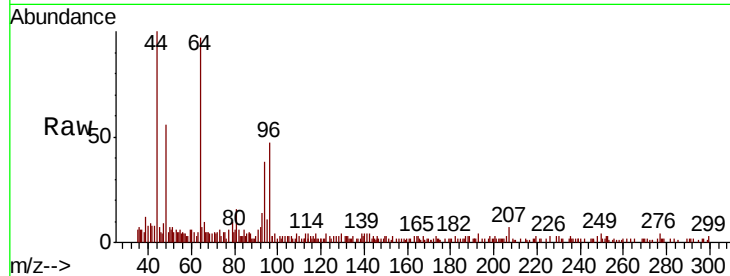
VSTDIC001

Tgt Ion: 94 Resp: 2204

Ion Ratio Lower Upper

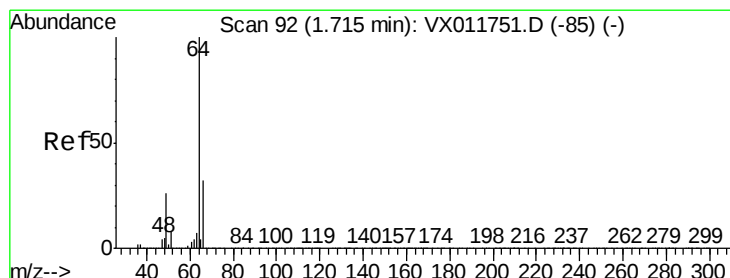
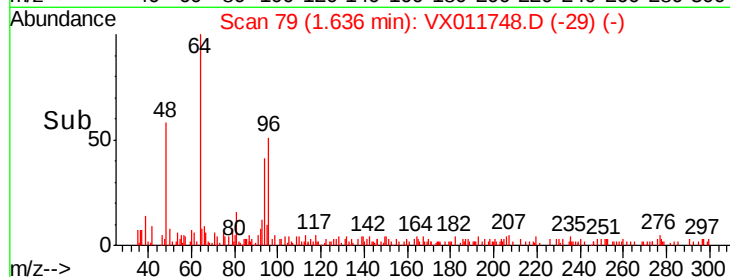
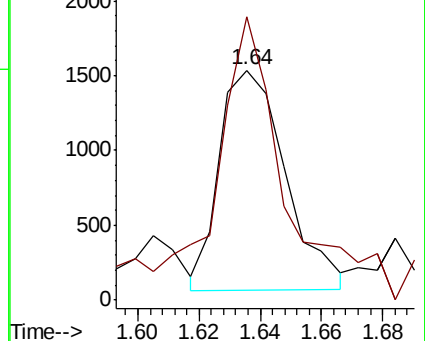
94 100

96 112.1 74.1 111.1#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.178 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX011748.D

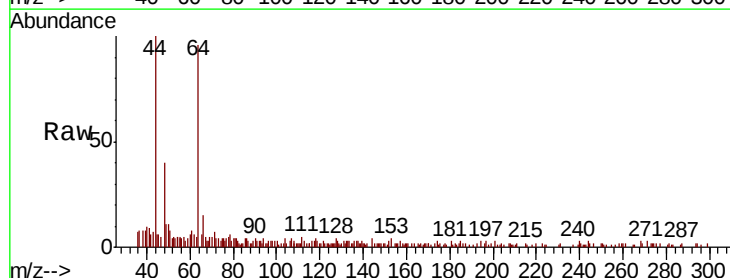
Acq: 22 Aug 2019 08:56

Tgt Ion: 64 Resp: 1975

Ion Ratio Lower Upper

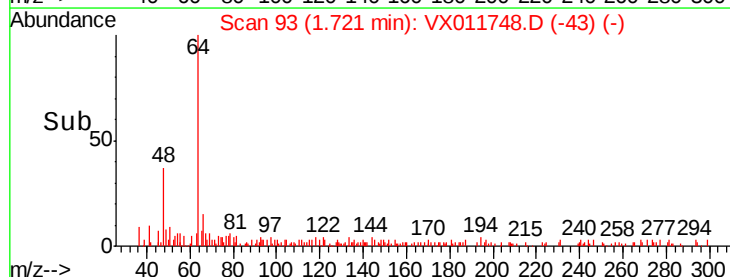
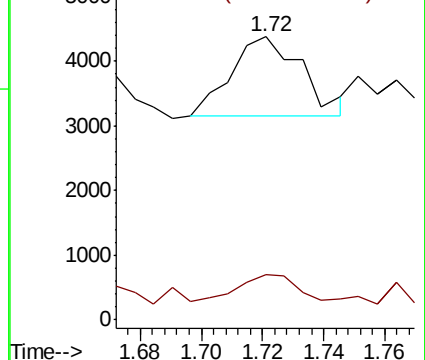
64 100

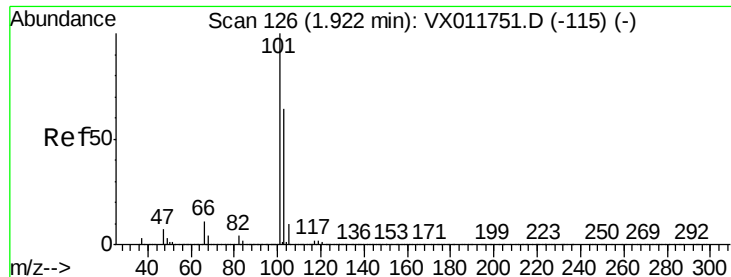
66 32.9 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 1.010 ug/l

RT: 1.93 min Scan# 127

Delta R.T. 0.01 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

Instrument :

MSVOA_X

ClientSampleId :

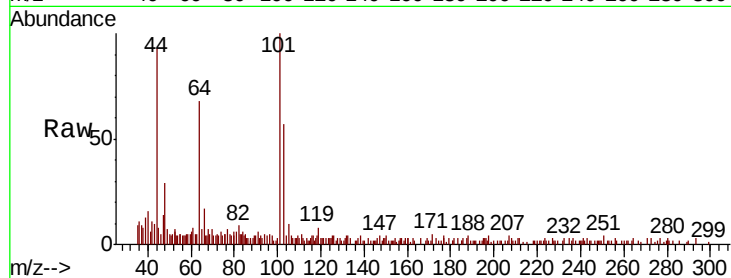
VSTDIC001

Tgt Ion:101 Resp: 4846

Ion Ratio Lower Upper

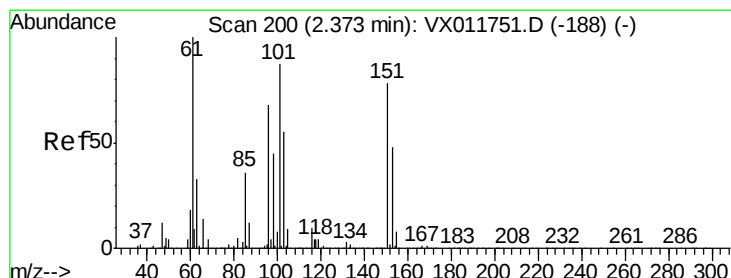
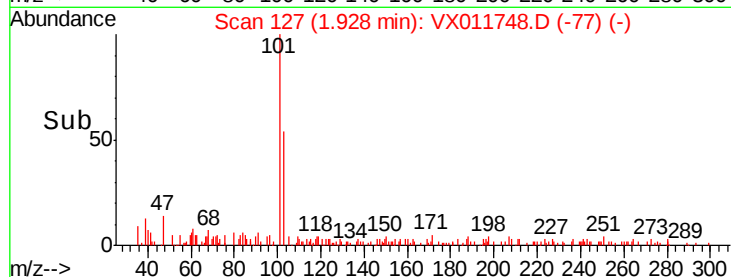
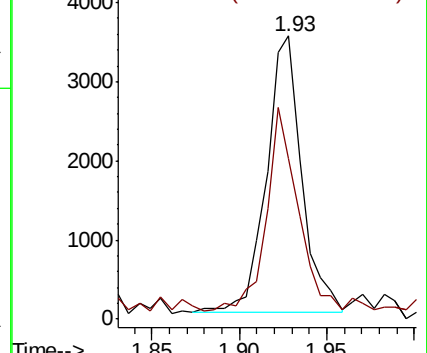
101 100

103 54.9 51.2 76.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.972 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

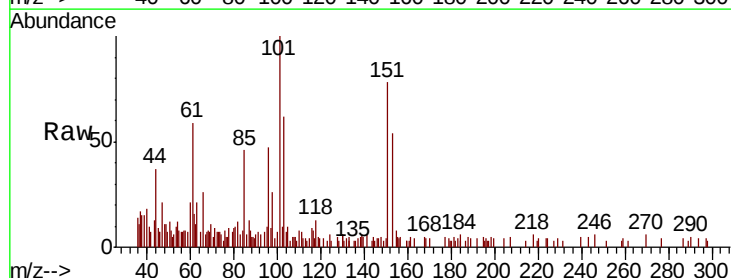
Tgt Ion:101 Resp: 3173

Ion Ratio Lower Upper

101 100

85 51.2 33.7 50.5#

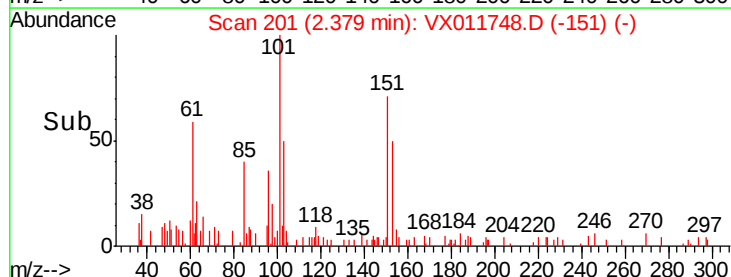
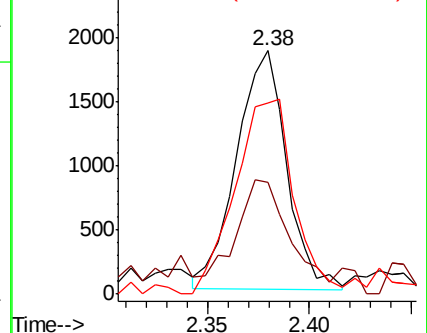
151 96.2 71.4 107.2

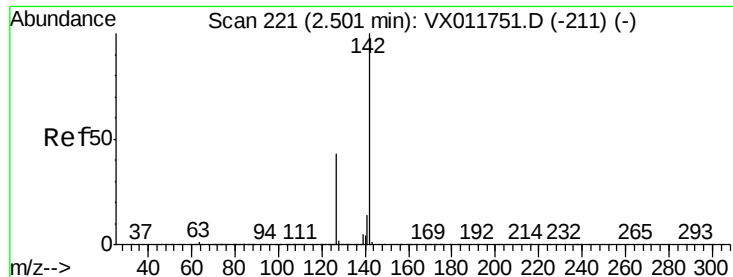


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

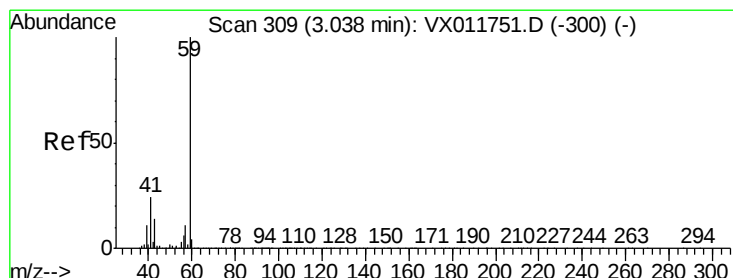
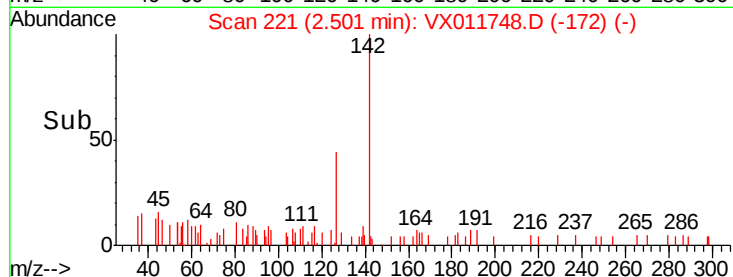
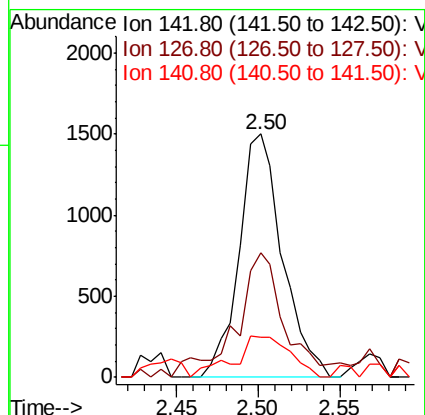
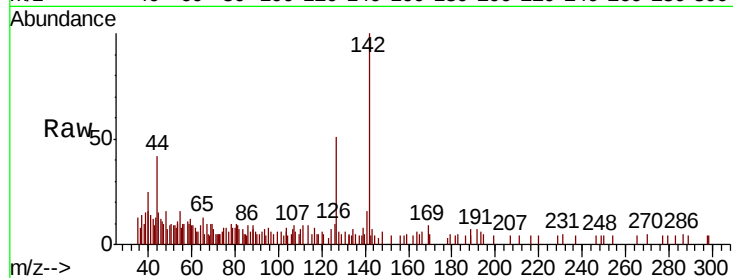




#10
Methyl Iodide
Concen: 0.612 ug/l
RT: 2.50 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX011748.D
Acq: 22 Aug 2019 08:56

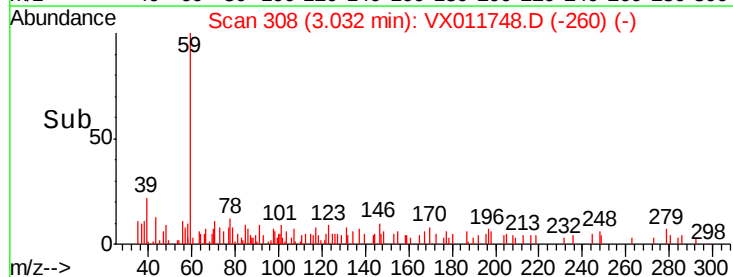
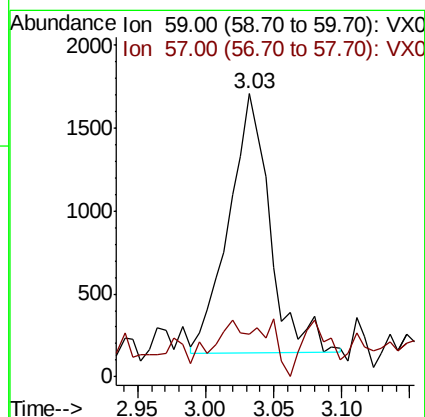
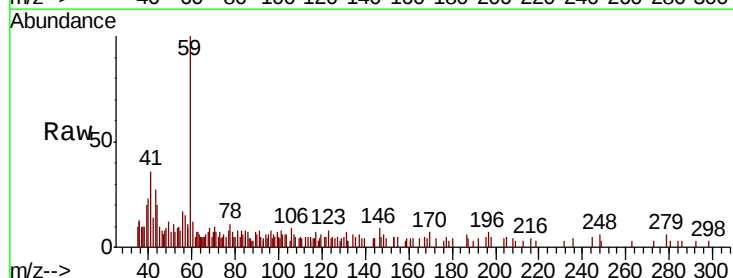
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

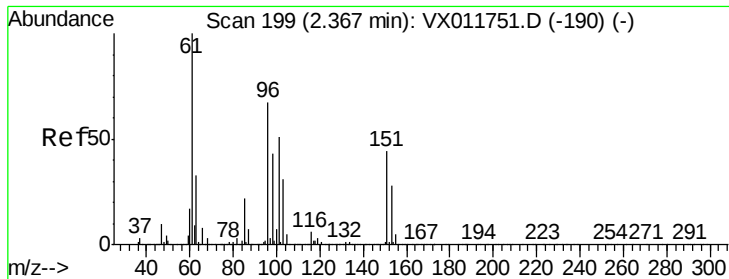
Tgt Ion:142 Resp: 2772
Ion Ratio Lower Upper
142 100
127 58.0 33.5 50.3#
141 21.8 11.4 17.2#



#11
Tert butyl alcohol
Concen: 3.941 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.01 min
Lab File: VX011748.D
Acq: 22 Aug 2019 08:56

Tgt Ion: 59 Resp: 3271
Ion Ratio Lower Upper
59 100
57 12.5 8.4 12.6





#12

1,1-Dichloroethene

Concen: 1.082 ug/l

RT: 2.37 min Scan# 199

Delta R.T. 0.00 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

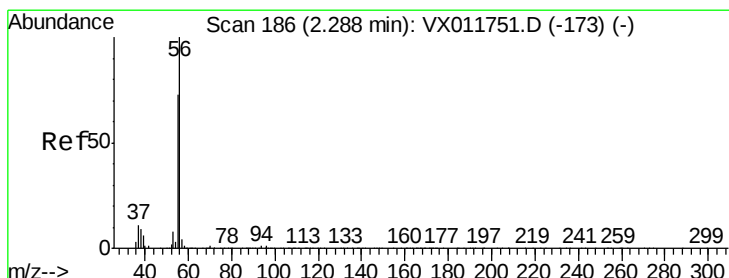
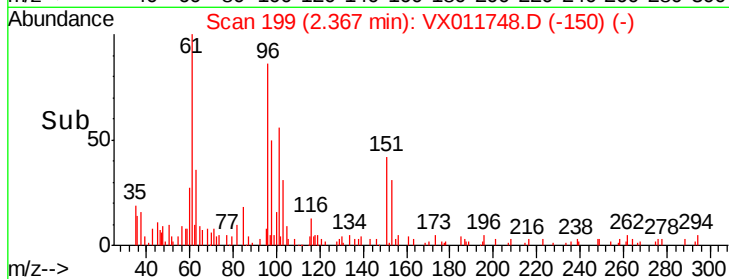
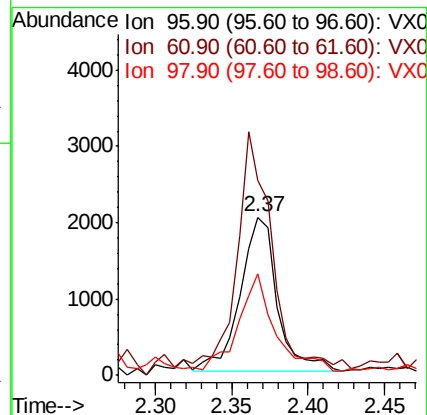
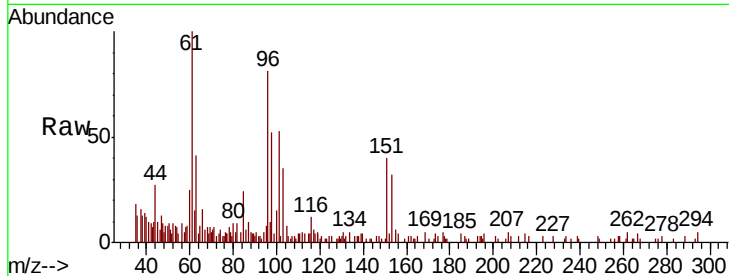
Tgt Ion: 96 Resp: 3404

Ion Ratio Lower Upper

96 100

61 119.3 119.4 179.2#

98 63.4 51.2 76.8



#13

Acrolein

Concen: 6.977 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX011748.D

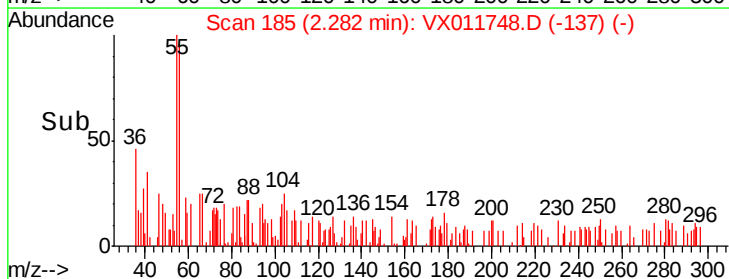
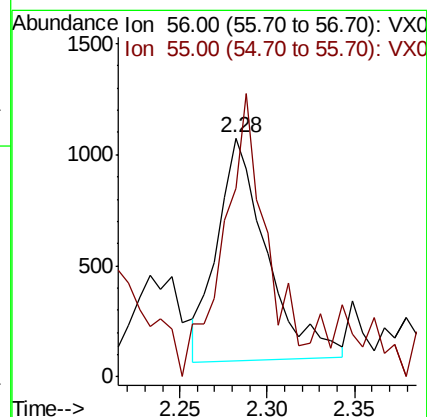
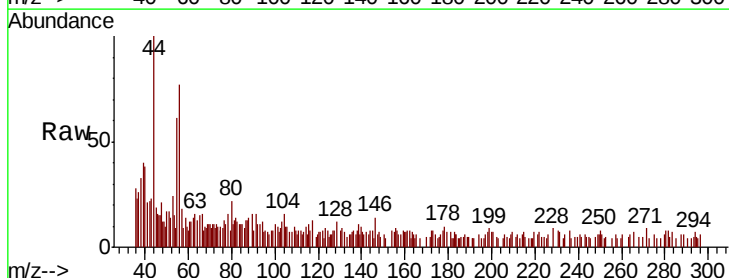
Acq: 22 Aug 2019 08:56

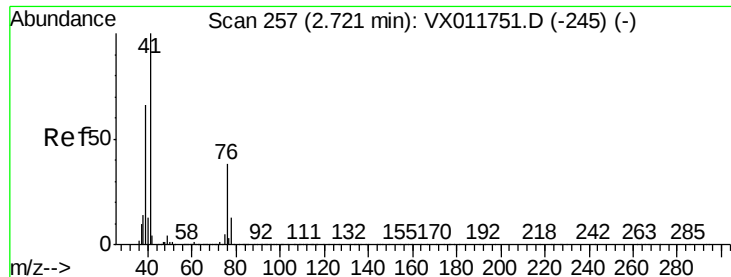
Tgt Ion: 56 Resp: 1978

Ion Ratio Lower Upper

56 100

55 111.9 54.8 82.2#

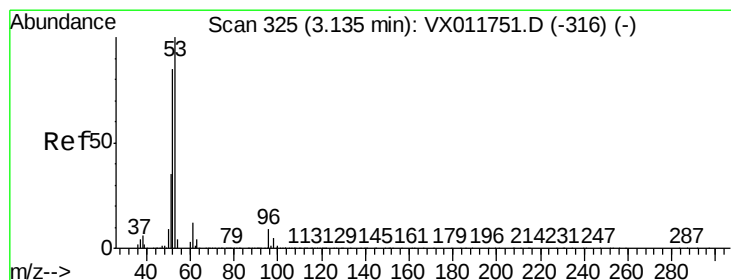
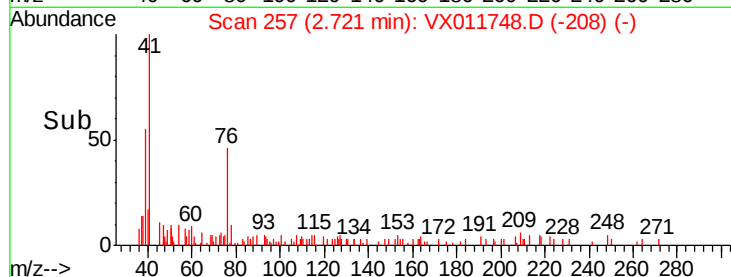
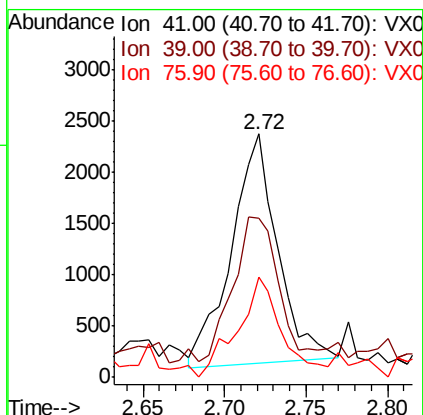
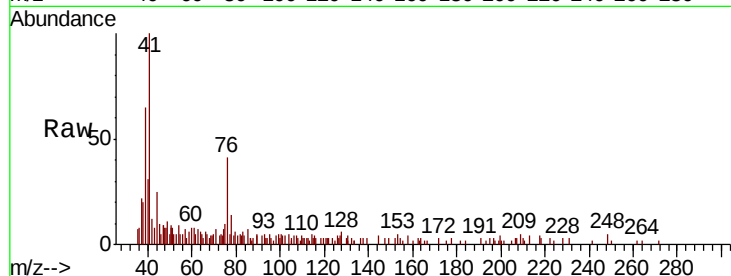




#14
 Allyl chloride
 Concen: 0.843 ug/l
 RT: 2.72 min Scan# 257
 Delta R.T. 0.00 min
 Lab File: VX011748.D
 Acq: 22 Aug 2019 08:56

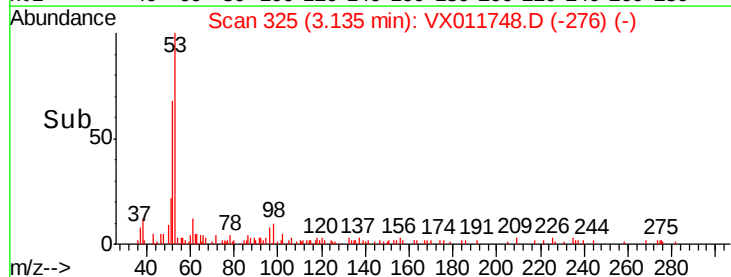
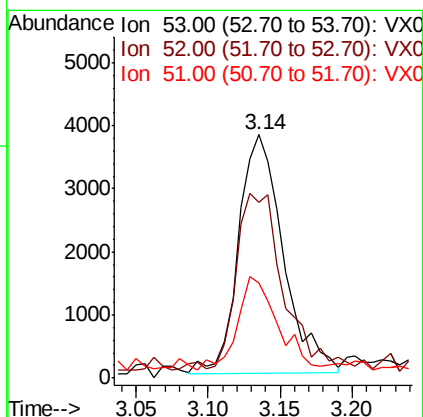
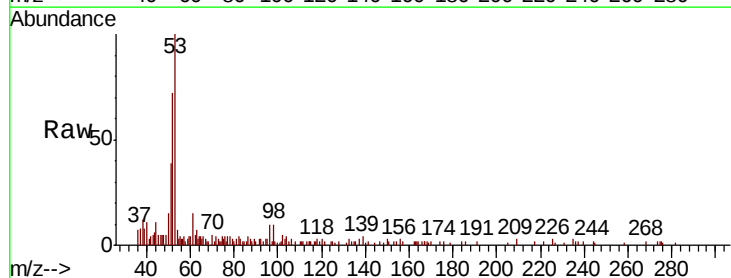
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

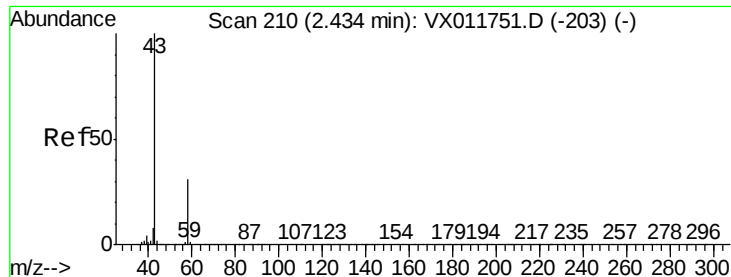
Tgt Ion: 41 Resp: 4399
 Ion Ratio Lower Upper
 41 100
 39 62.7 49.3 73.9
 76 42.5 26.8 40.2#



#15
 Acrylonitrile
 Concen: 4.291 ug/l
 RT: 3.14 min Scan# 325
 Delta R.T. 0.00 min
 Lab File: VX011748.D
 Acq: 22 Aug 2019 08:56

Tgt Ion: 53 Resp: 8192
 Ion Ratio Lower Upper
 53 100
 52 82.9 65.7 98.5
 51 35.0 28.6 43.0





#16

Acetone

Concen: 4.946 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

Instrument :

MSVOA_X

ClientSampleId :

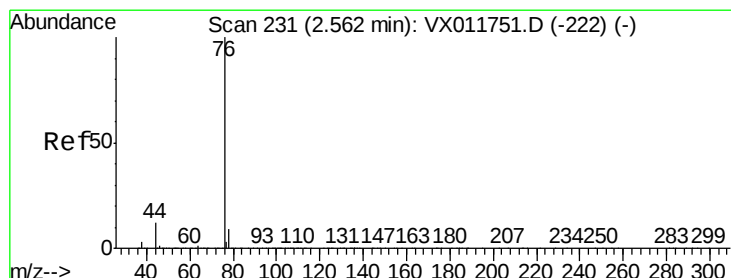
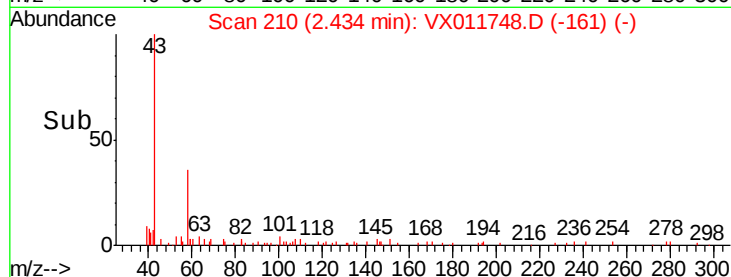
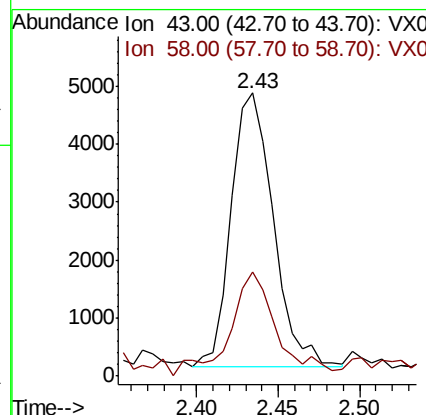
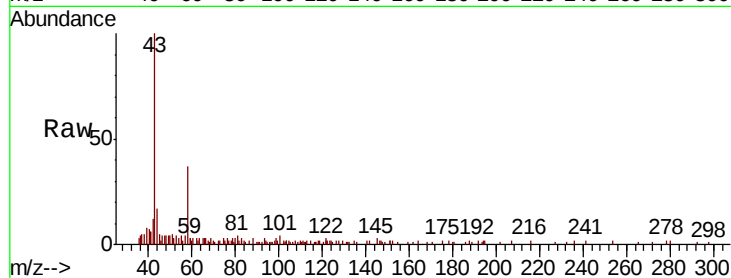
VSTDIC001

Tgt Ion: 43 Resp: 8567

Ion Ratio Lower Upper

43 100

58 33.2 24.4 36.6



#17

Carbon Disulfide

Concen: 1.096 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011748.D

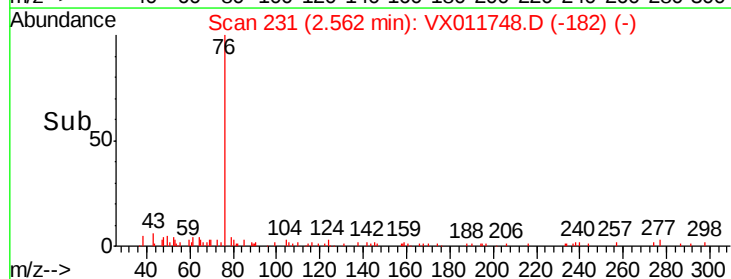
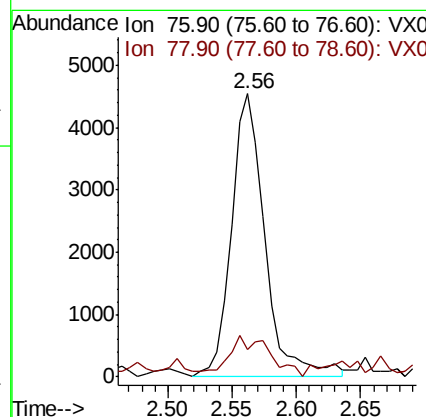
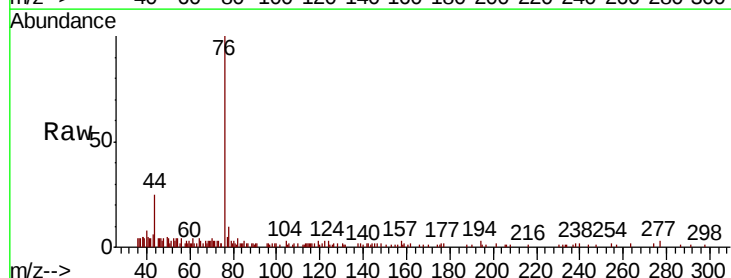
Acq: 22 Aug 2019 08:56

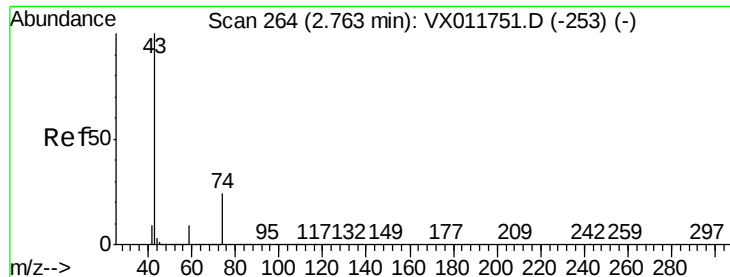
Tgt Ion: 76 Resp: 8253

Ion Ratio Lower Upper

76 100

78 7.6 7.4 11.0

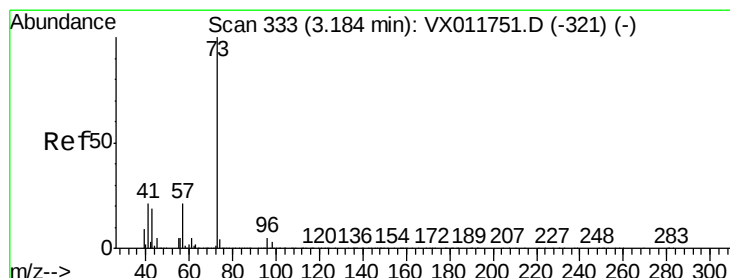
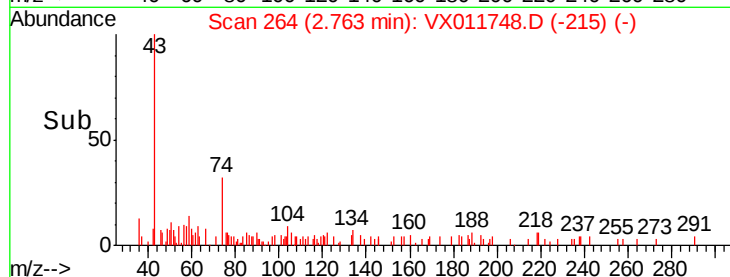
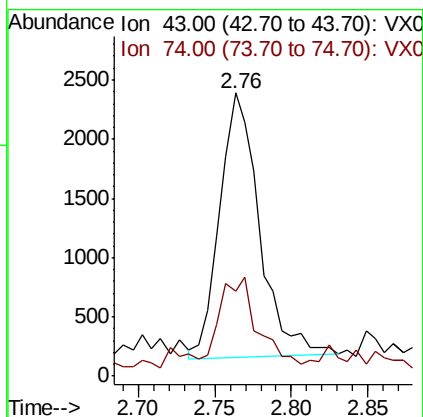
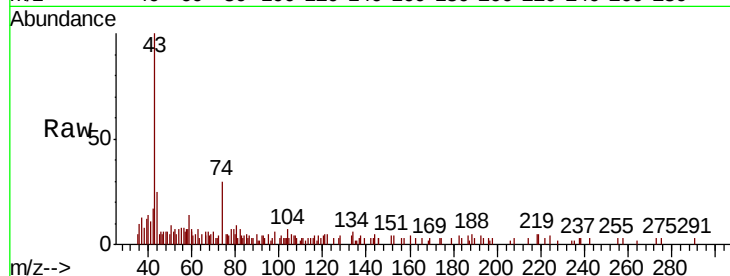




#18
Methyl Acetate
Concen: 0.768 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011748.D
Acq: 22 Aug 2019 08:56

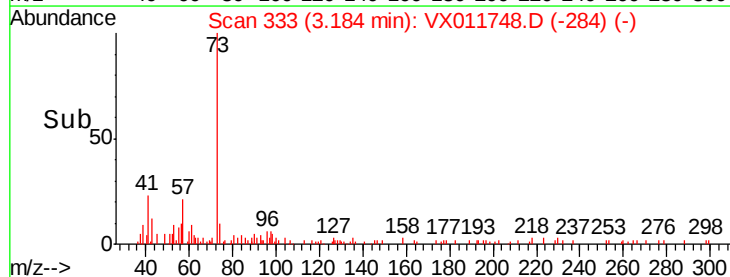
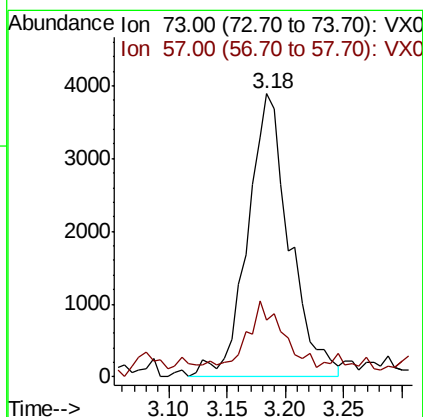
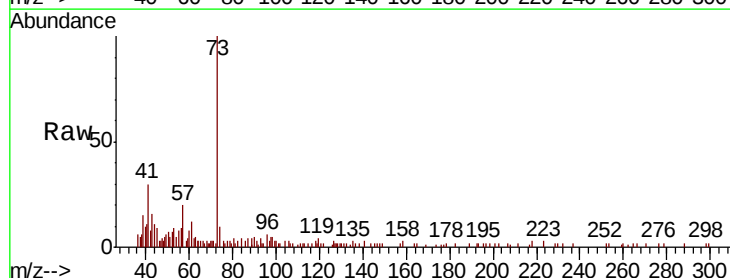
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

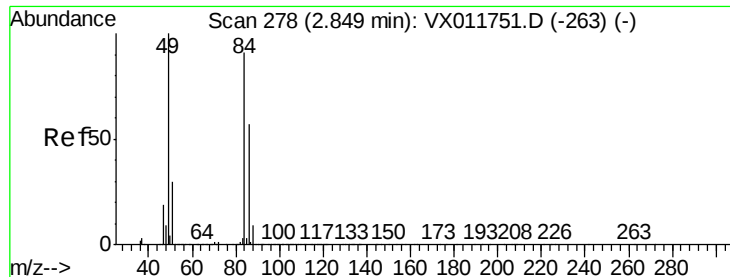
Tgt Ion: 43 Resp: 4044
Ion Ratio Lower Upper
43 100
74 30.6 19.5 29.3#



#19
Methyl tert-butyl Ether
Concen: 0.950 ug/l
RT: 3.18 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX011748.D
Acq: 22 Aug 2019 08:56

Tgt Ion: 73 Resp: 9713
Ion Ratio Lower Upper
73 100
57 15.6 16.4 24.6#

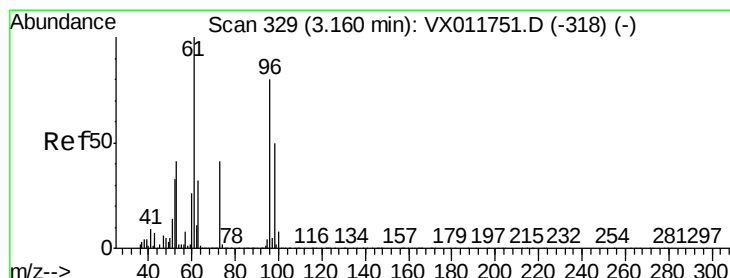
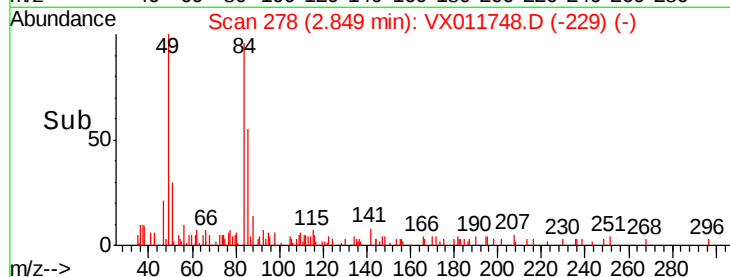
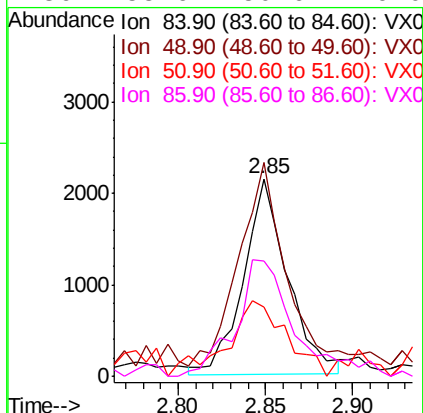
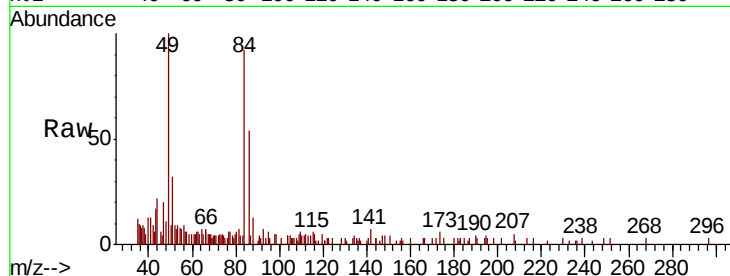




#20
Methylene Chloride
Concen: 1.038 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011748.D
Acq: 22 Aug 2019 08:56

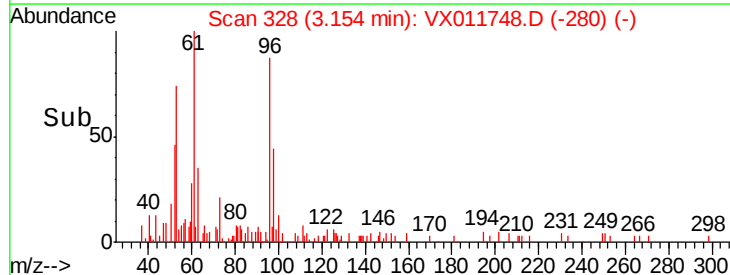
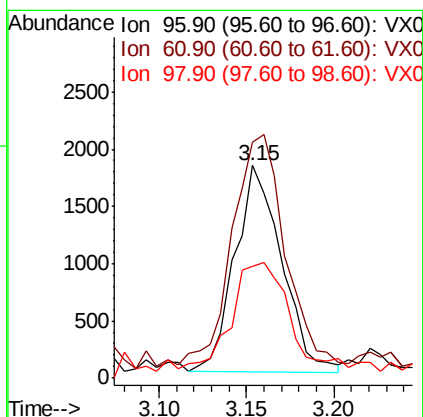
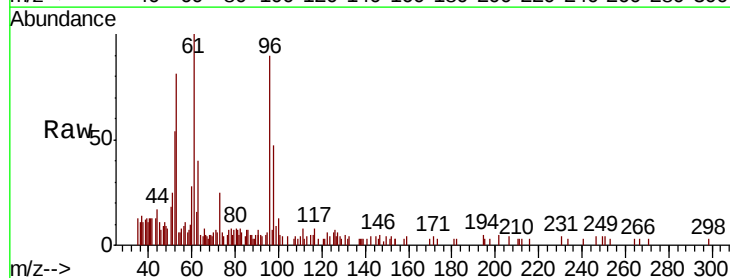
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

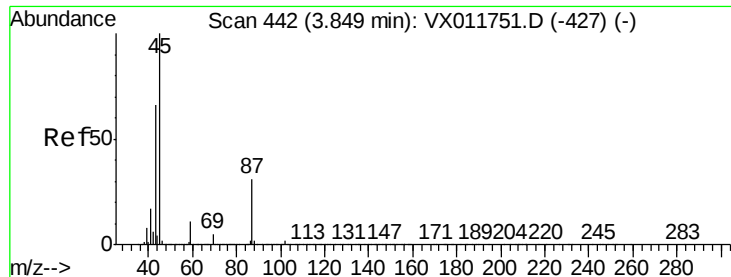
Tgt Ion:	84	Resp:	3768
Ion	Ratio	Lower	Upper
84	100		
49	107.5	88.3	132.5
51	27.9	26.2	39.2
86	55.6	50.6	76.0



#21
trans-1,2-Dichloroethene
Concen: 0.998 ug/l
RT: 3.15 min Scan# 328
Delta R.T. -0.01 min
Lab File: VX011748.D
Acq: 22 Aug 2019 08:56

Tgt Ion:	96	Resp:	3348
Ion	Ratio	Lower	Upper
96	100		
61	107.4	99.8	149.8
98	47.0	50.3	75.5#

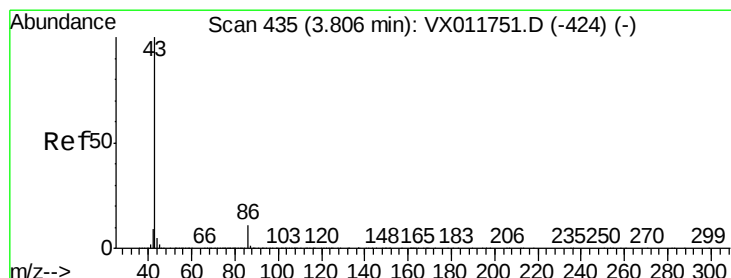
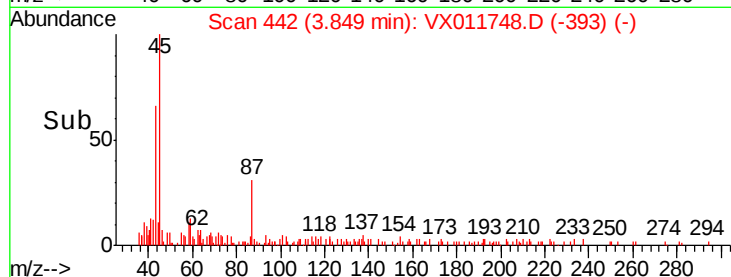
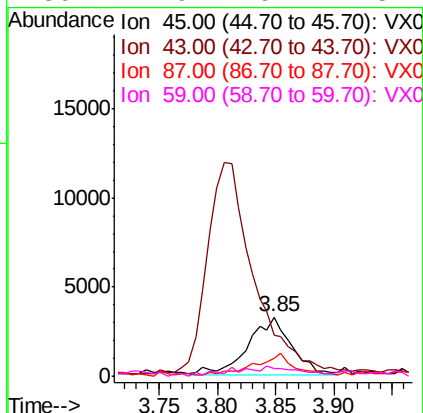
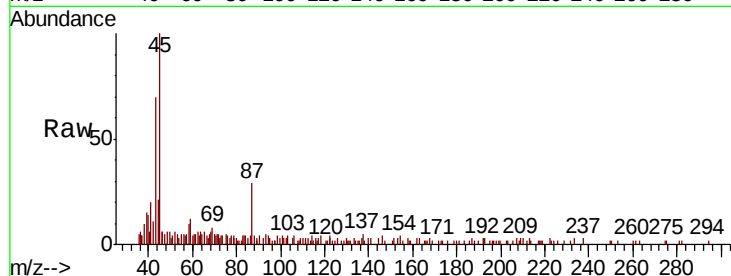




#22
Diisopropyl ether
Concen: 0.817 ug/l
RT: 3.85 min Scan# 442
Delta R.T. 0.00 min
Lab File: VX011748.D
Acq: 22 Aug 2019 08:56

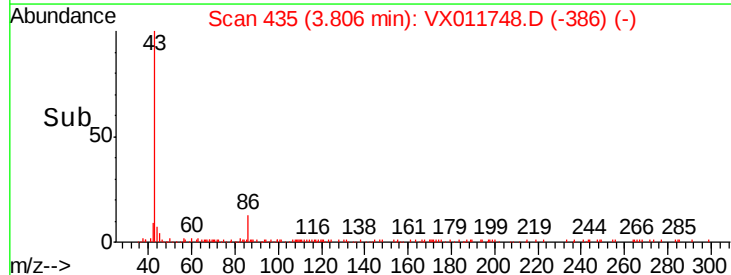
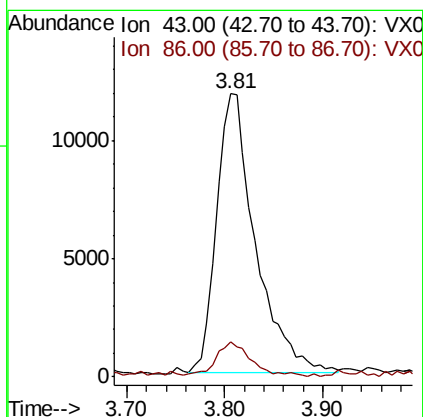
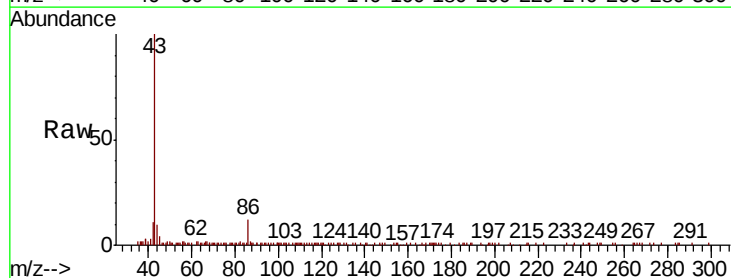
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

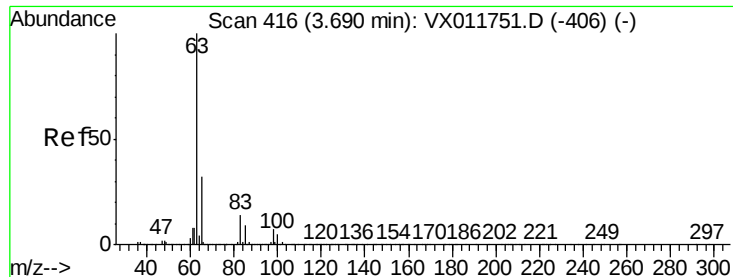
Tgt Ion:	45	Resp:	8397
Ion	Ratio	Lower	Upper
45	100		
43	62.5	53.0	79.6
87	27.6	24.7	37.1
59	12.9	9.1	13.7



#23
Vinyl Acetate
Concen: 3.952 ug/l
RT: 3.81 min Scan# 435
Delta R.T. 0.00 min
Lab File: VX011748.D
Acq: 22 Aug 2019 08:56

Tgt Ion:	43	Resp:	32419
Ion	Ratio	Lower	Upper
43	100		
86	11.6	9.2	13.8





#24

1,1-Dichloroethane

Concen: 0.901 ug/l

RT: 3.68 min Scan# 415

Delta R.T. -0.01 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

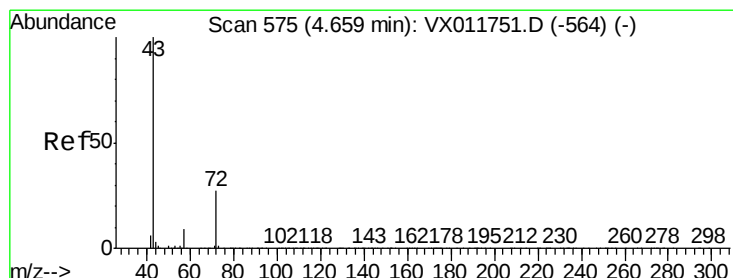
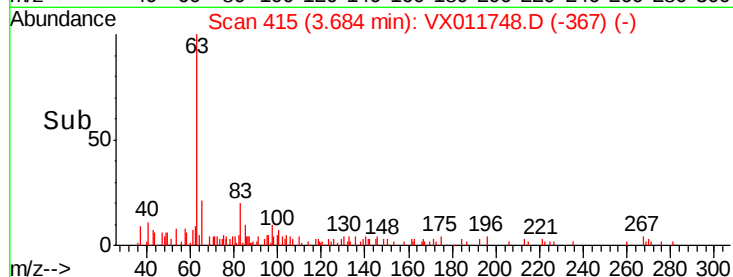
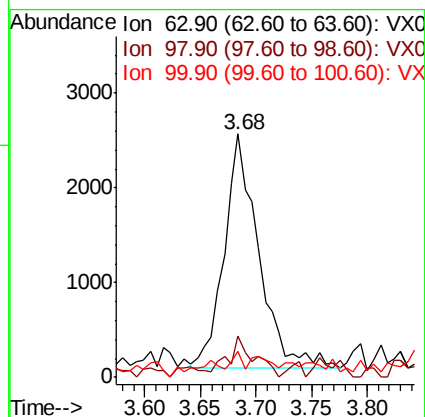
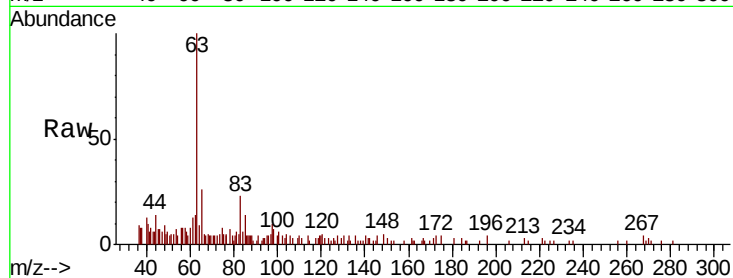
Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:	63	Resp:	5298
Ion	Ratio	Lower	Upper
63	100		
98	13.3	3.7	11.1#
100	8.6	2.3	6.9#



#25

2-Butanone

Concen: 4.044 ug/l

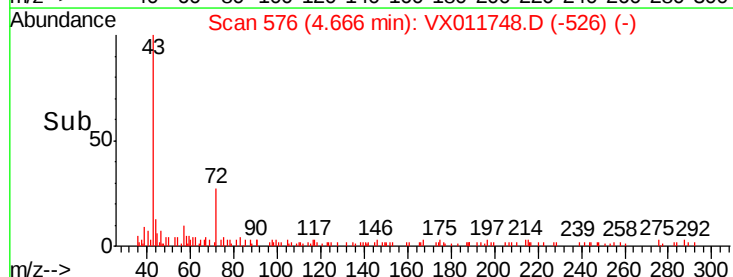
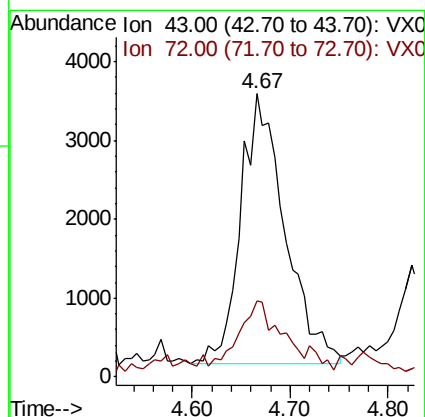
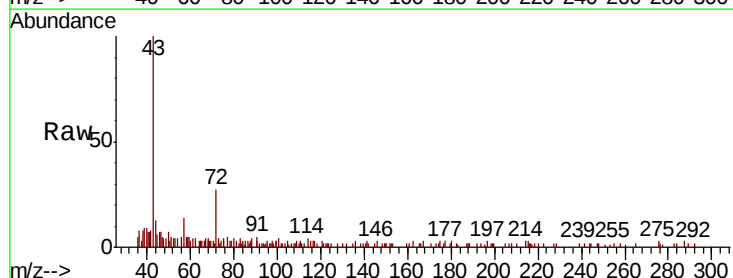
RT: 4.67 min Scan# 576

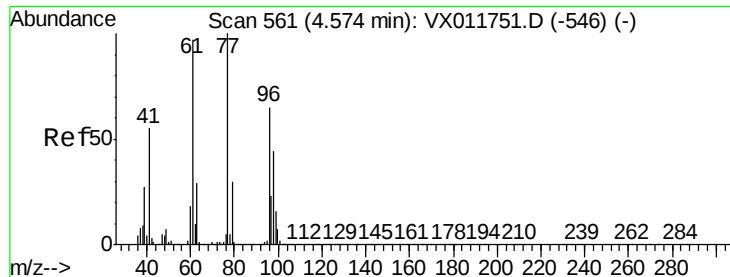
Delta R.T. 0.01 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

Tgt Ion:	43	Resp:	10771
Ion	Ratio	Lower	Upper
43	100		
72	23.2	21.8	32.6





#26

2,2-Dichloropropane

Concen: 1.091 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

Instrument :

MSVOA_X

ClientSampleId :

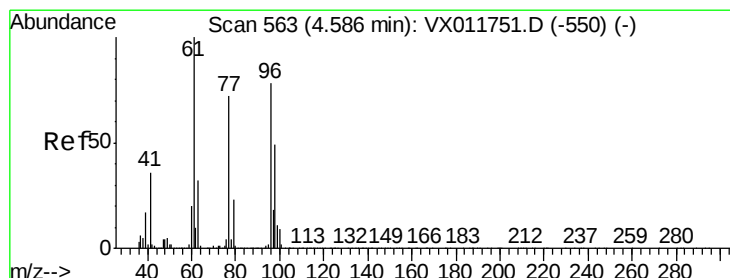
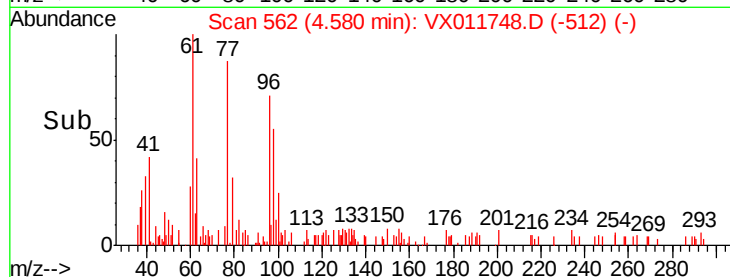
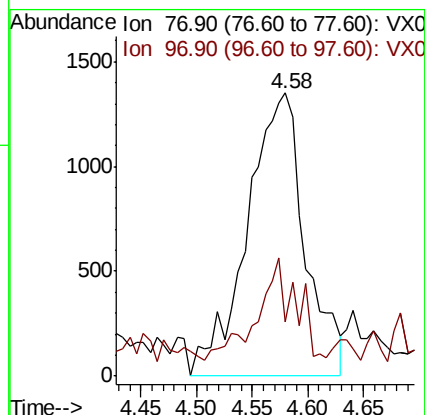
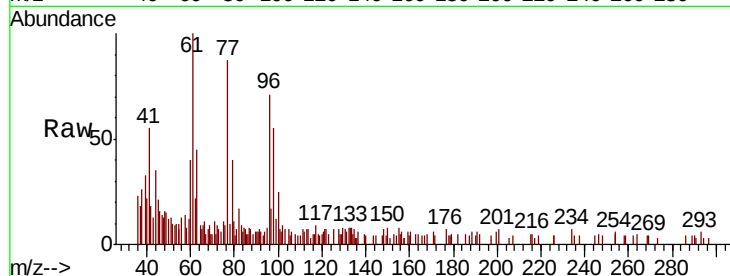
VSTDIC001

Tgt Ion: 77 Resp: 4899

Ion Ratio Lower Upper

77 100

97 23.6 12.2 36.6



#27

cis-1,2-Dichloroethene

Concen: 1.079 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

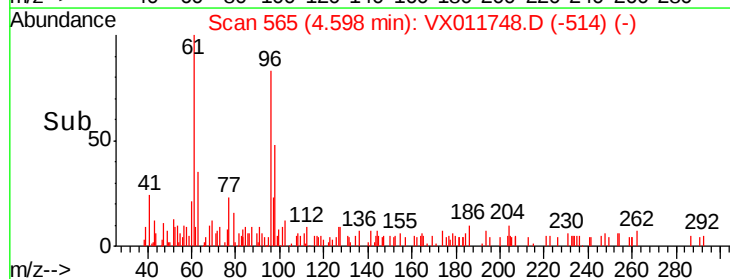
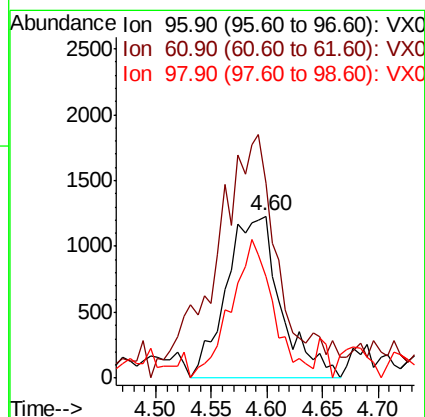
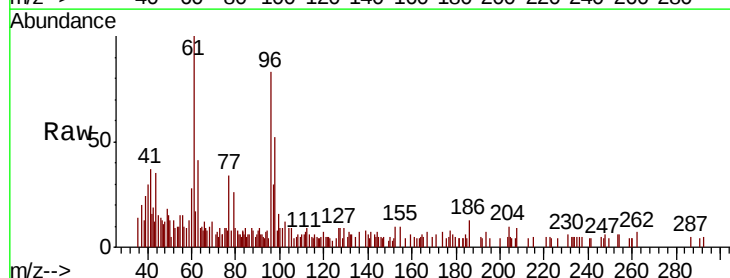
Tgt Ion: 96 Resp: 4190

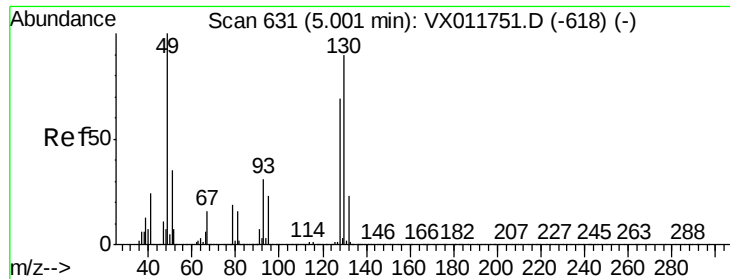
Ion Ratio Lower Upper

96 100

61 164.1 0.0 275.8

98 65.8 0.0 128.2





#28

Bromochloromethane

Concen: 0.934 ug/l

RT: 5.01 min Scan# 632

Delta R.T. 0.01 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

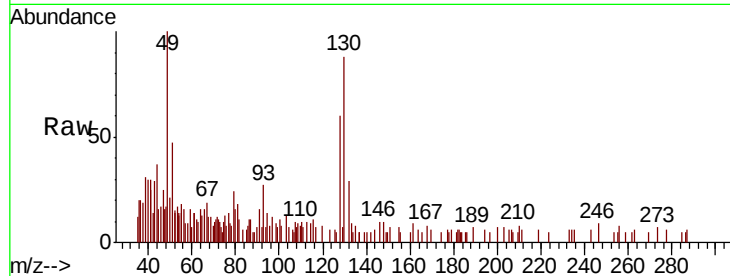
Tgt Ion: 49 Resp: 2420

Ion Ratio Lower Upper

49 100

129 10.1 0.0 5.8#

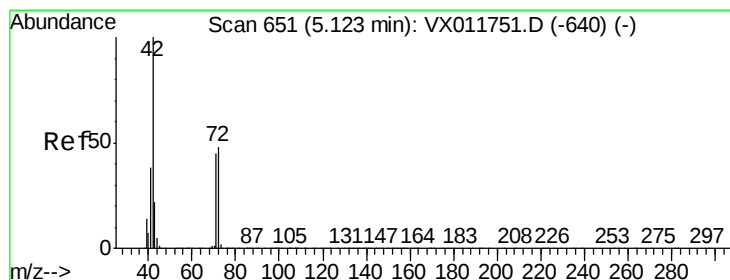
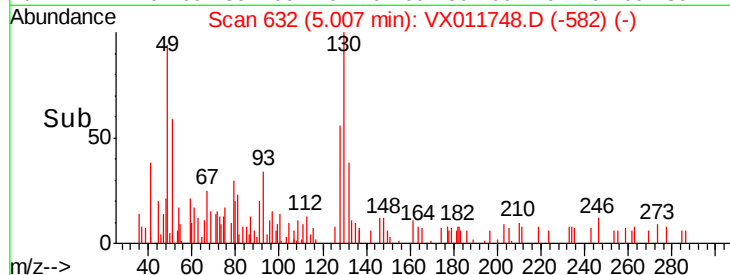
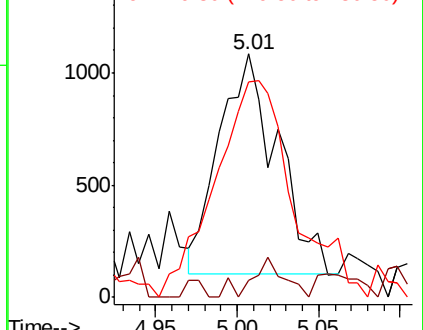
130 132.5 76.8 115.2#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 0.210 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.06 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

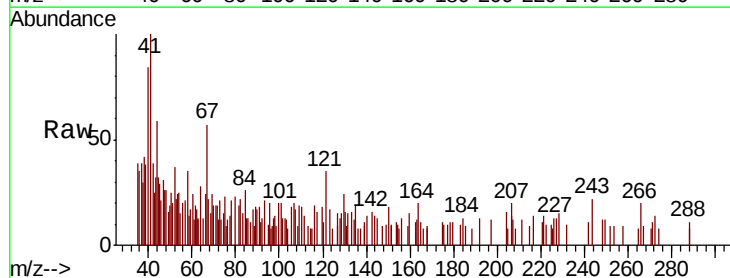
Tgt Ion: 42 Resp: 368

Ion Ratio Lower Upper

42 100

72 45.9 37.6 56.4

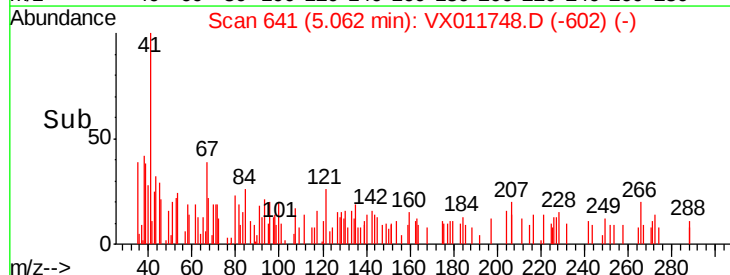
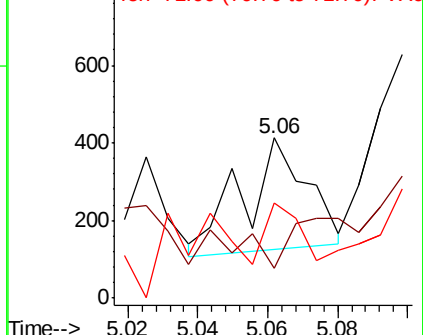
71 48.9 34.6 51.8

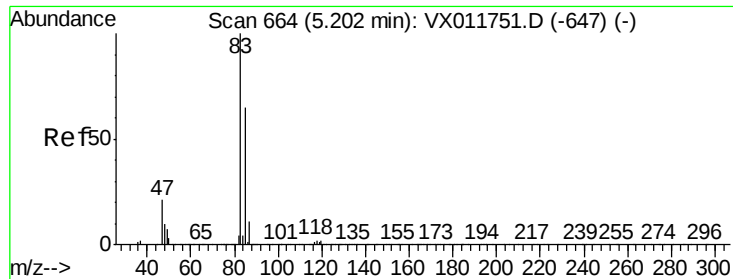


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

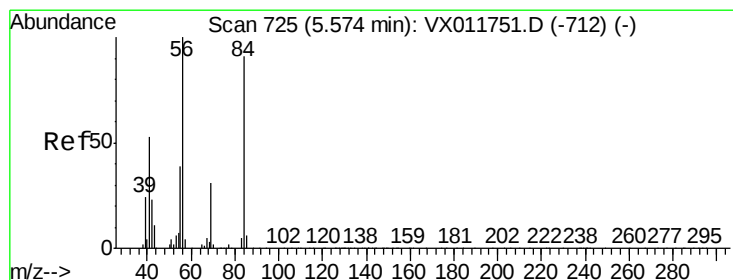
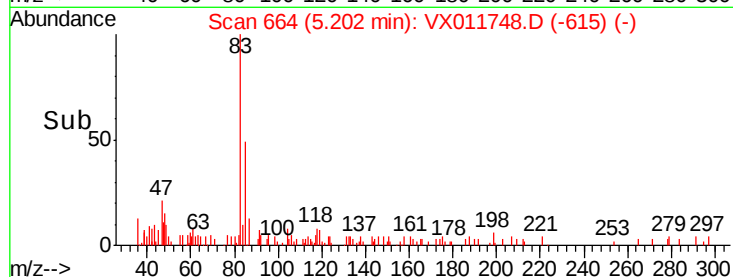
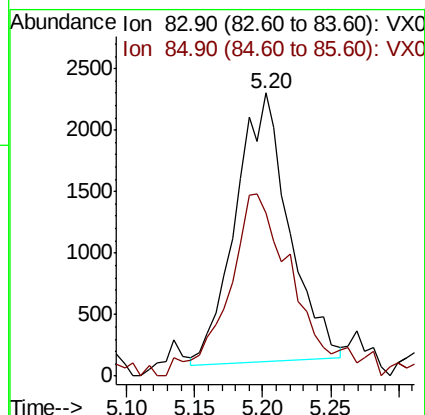
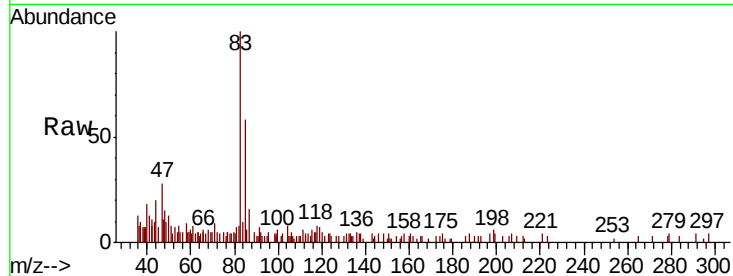




#30
Chloroform
Concen: 0.969 ug/l
RT: 5.20 min Scan# 664
Delta R.T. 0.00 min
Lab File: VX011748.D
Acq: 22 Aug 2019 08:56

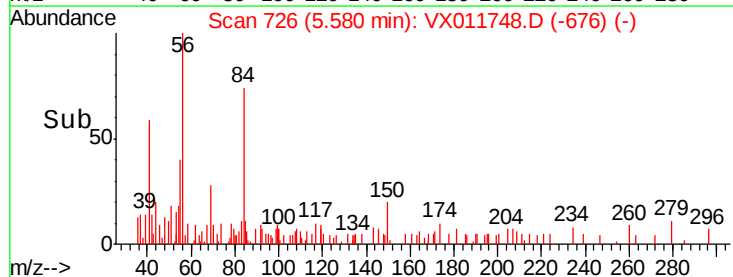
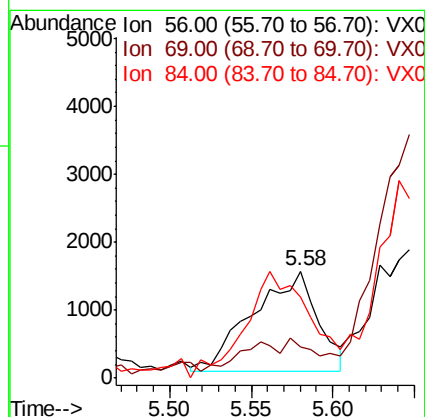
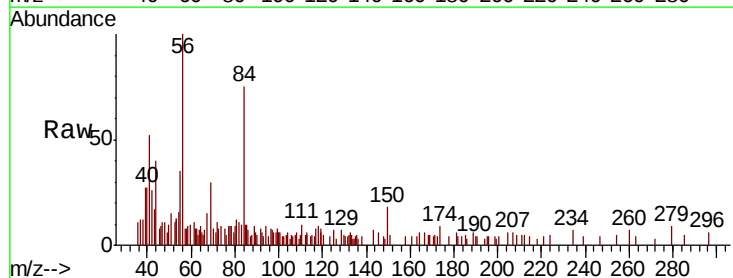
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

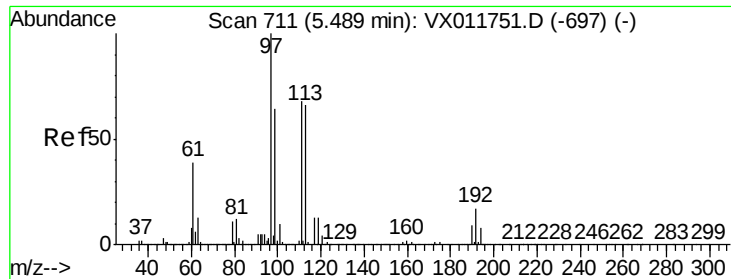
Tgt Ion: 83 Resp: 6014
Ion Ratio Lower Upper
83 100
85 58.3 51.8 77.8



#31
Cyclohexane
Concen: 0.805 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX011748.D
Acq: 22 Aug 2019 08:56

Tgt Ion: 56 Resp: 4078
Ion Ratio Lower Upper
56 100
69 16.4 24.5 36.7#
84 83.6 72.7 109.1





#32

1,1,1-Trichloroethane

Concen: 0.827 ug/l

RT: 5.48 min Scan# 710

Delta R.T. -0.01 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

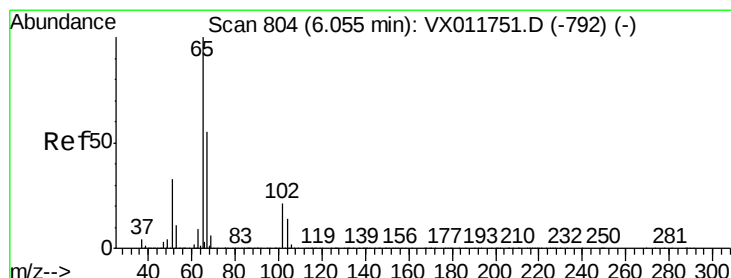
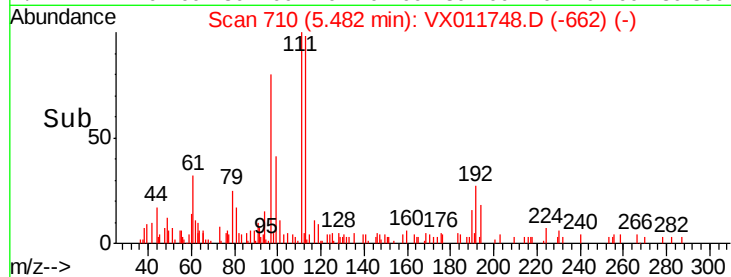
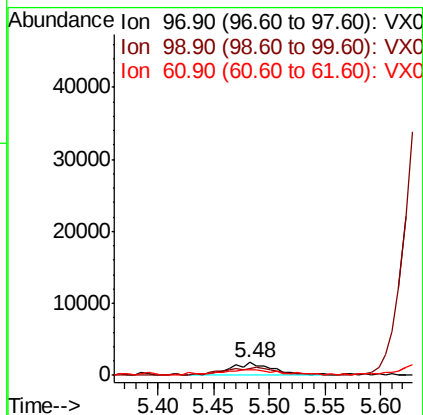
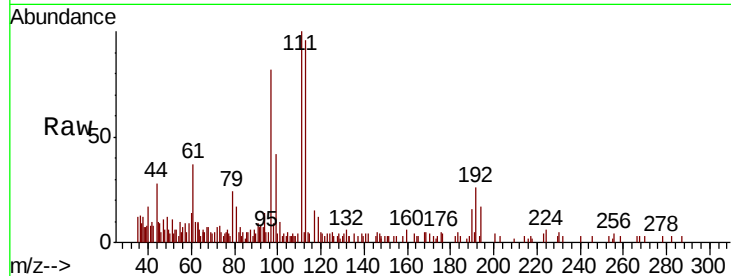
Tgt Ion: 97 Resp: 4435

Ion Ratio Lower Upper

97 100

99 0.0 51.4 77.0#

61 34.0 31.6 47.4



#33

1,2-Dichloroethane-d4

Concen: 2.260 ug/l

RT: 6.05 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX011748.D

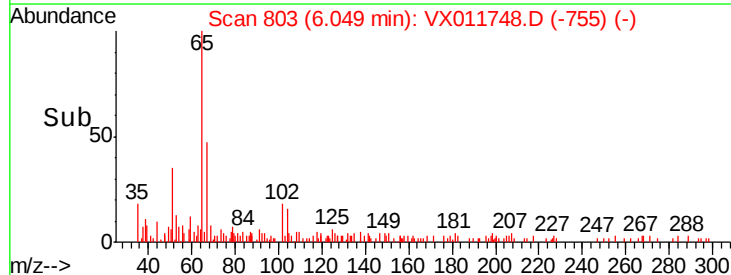
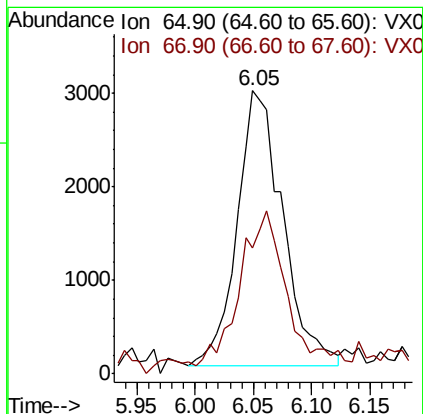
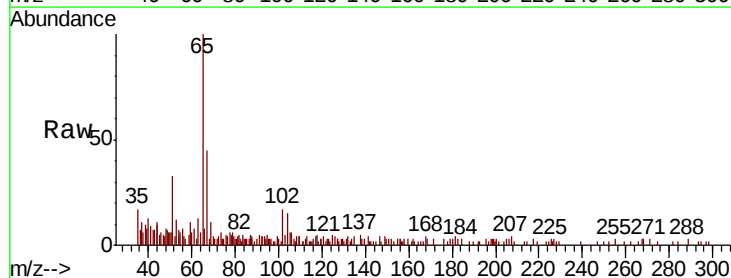
Acq: 22 Aug 2019 08:56

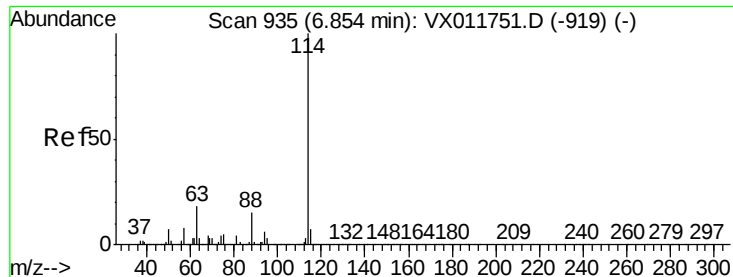
Tgt Ion: 65 Resp: 8046

Ion Ratio Lower Upper

65 100

67 56.3 0.0 107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 934

Delta R.T. -0.01 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

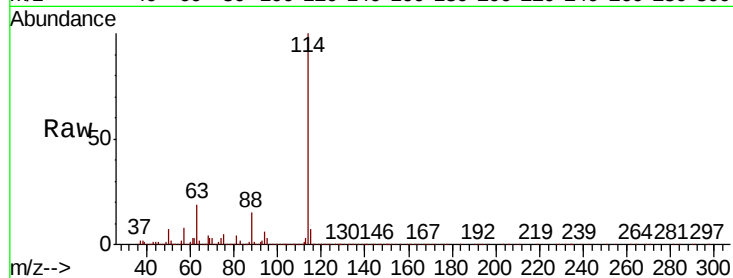
Tgt Ion:114 Resp: 487592

Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.8

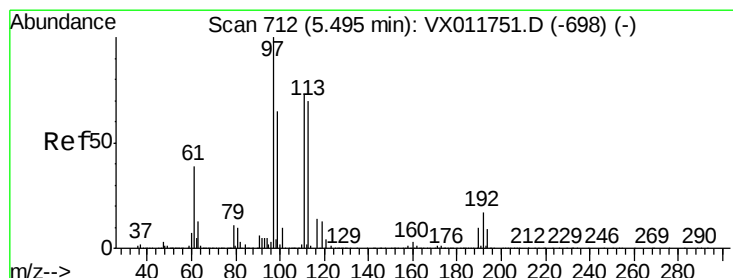
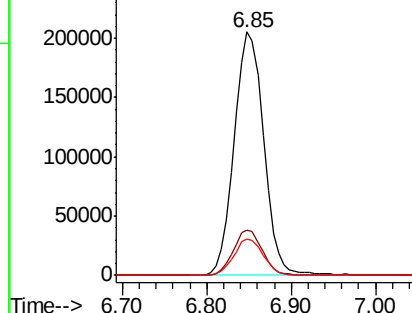
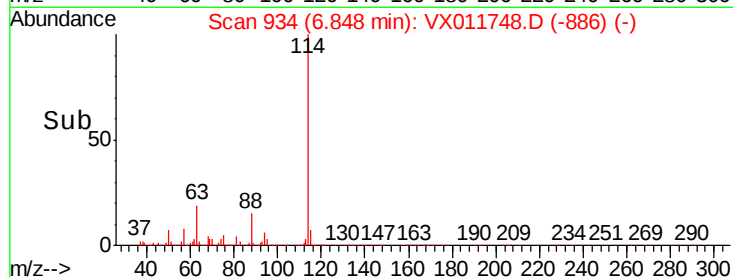
88 14.7 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 2.131 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

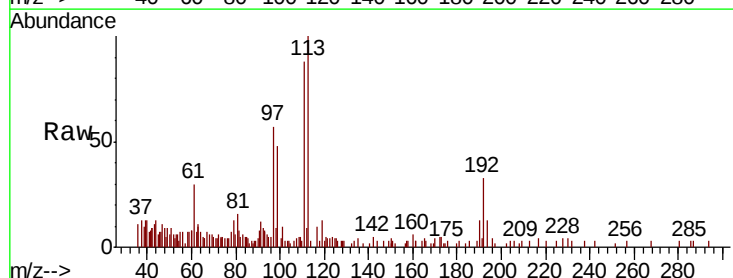
Tgt Ion:113 Resp: 6884

Ion Ratio Lower Upper

113 100

111 106.5 81.0 121.4

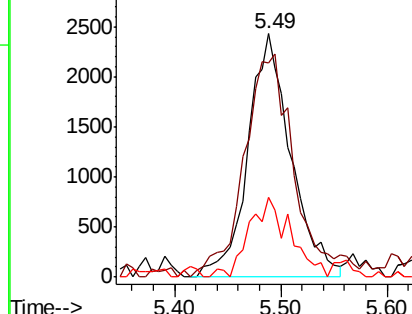
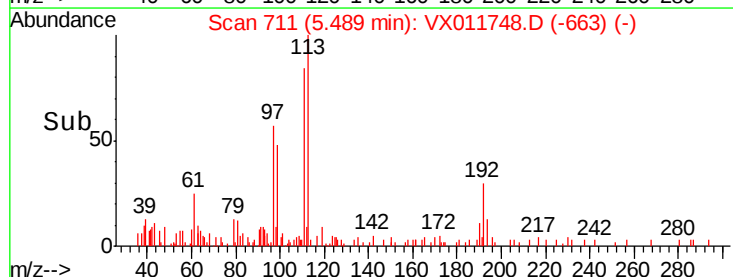
192 31.5 19.9 29.9#

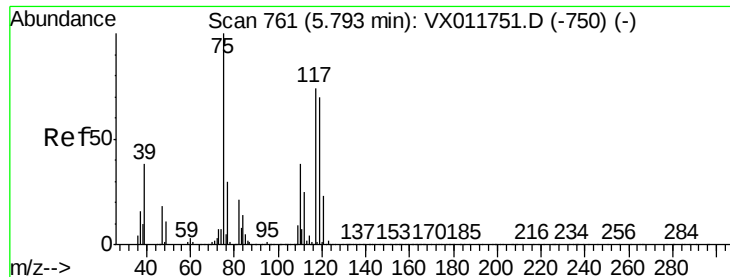


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

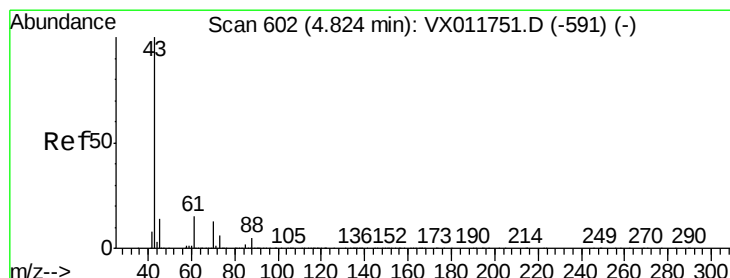
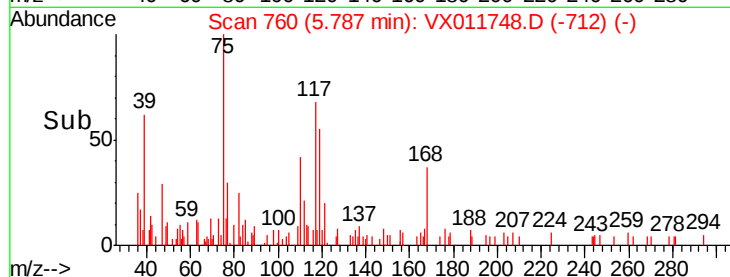
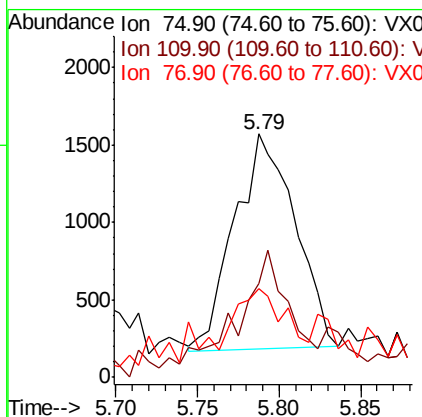
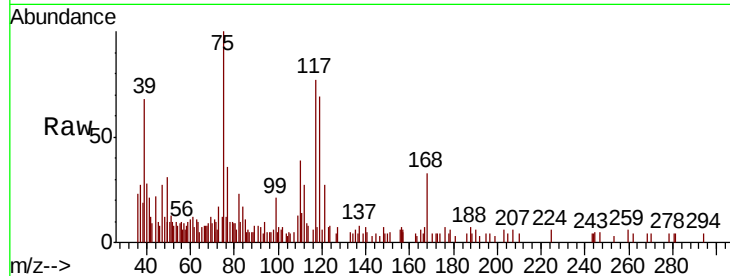




#36
 1,1-Dichloropropene
 Concen: 0.873 ug/l
 RT: 5.79 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: VX011748.D
 Acq: 22 Aug 2019 08:56

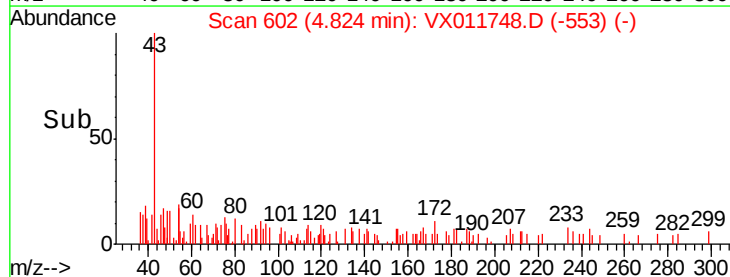
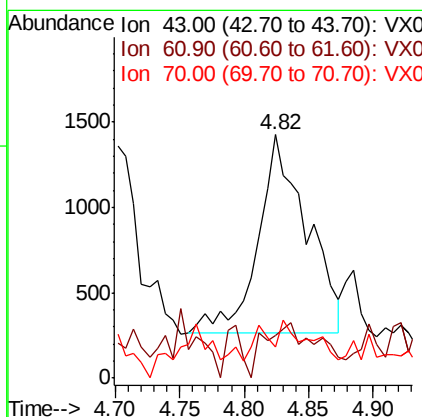
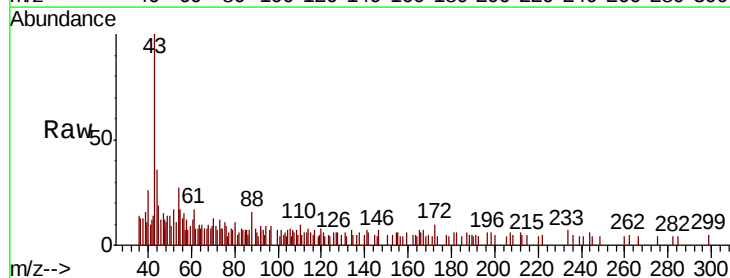
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

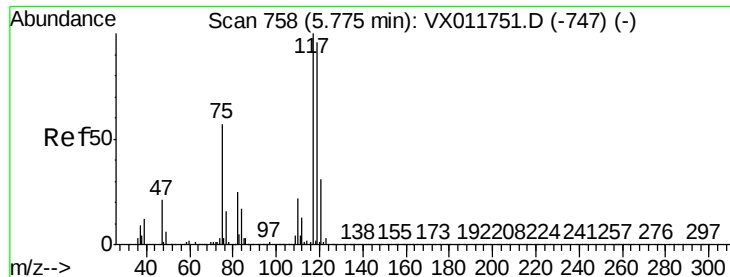
Tgt Ion	Ratio	Lower	Upper
75	100		
110	45.3	19.0	57.0
77	31.5	24.6	36.8



#37
 Ethyl Acetate
 Concen: 0.653 ug/l
 RT: 4.82 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: VX011748.D
 Acq: 22 Aug 2019 08:56

Tgt Ion	Ratio	Lower	Upper
43	100		
61	31.4	11.5	17.3#
70	13.4	9.5	14.3

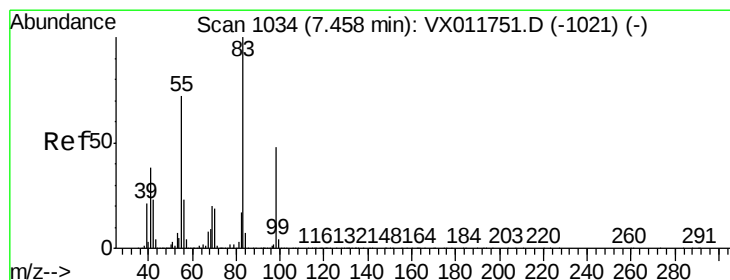
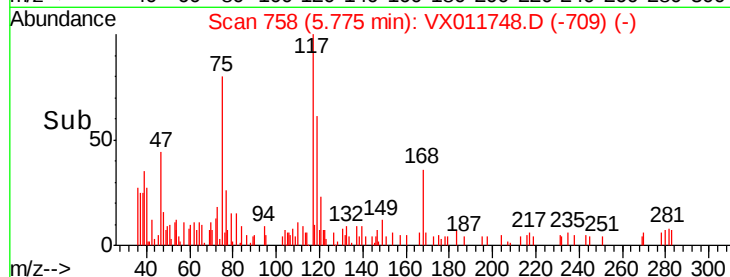
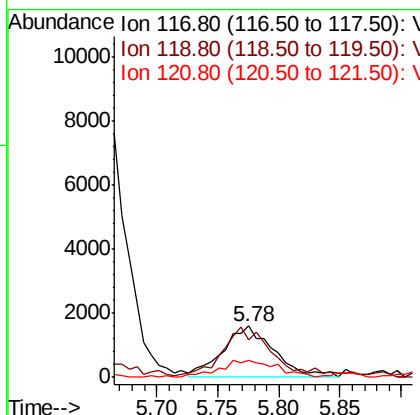
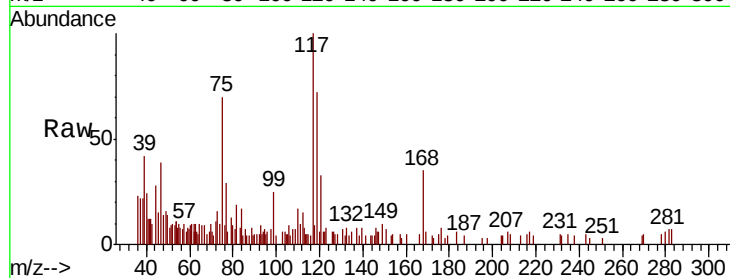




#38
Carbon Tetrachloride
Concen: 1.028 ug/l
RT: 5.78 min Scan# 758
Delta R.T. 0.00 min
Lab File: VX011748.D
Acq: 22 Aug 2019 08:56

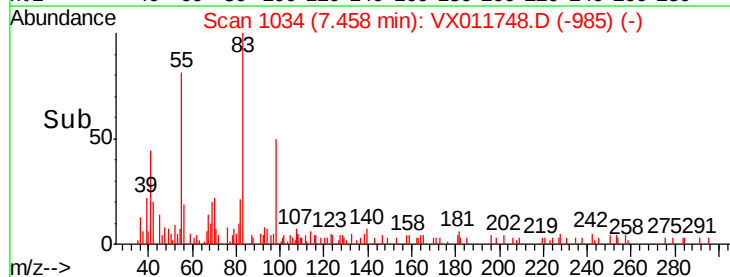
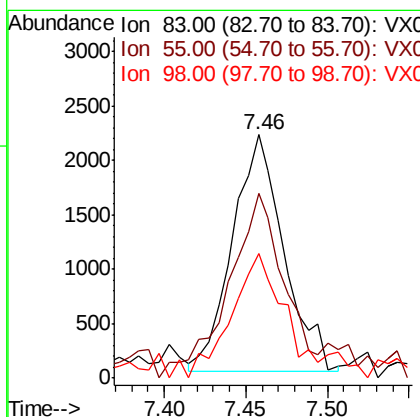
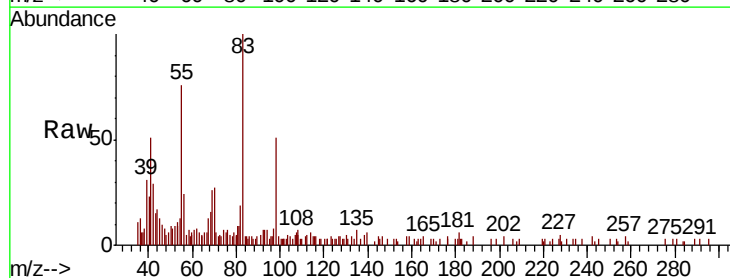
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

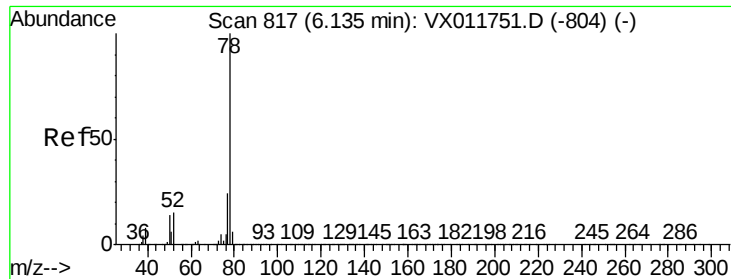
Tgt Ion: 117 Resp: 4659
Ion Ratio Lower Upper
117 100
119 64.1 76.6 114.8#
121 28.5 25.2 37.8



#39
Methylcyclohexane
Concen: 0.934 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011748.D
Acq: 22 Aug 2019 08:56

Tgt Ion: 83 Resp: 4778
Ion Ratio Lower Upper
83 100
55 72.0 57.8 86.6
98 53.6 38.6 58.0





#40

Benzene

Concen: 1.031 ug/l

RT: 6.13 min Scan# 817

Delta R.T. 0.00 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

Instrument :

MSVOA_X

ClientSampleId :

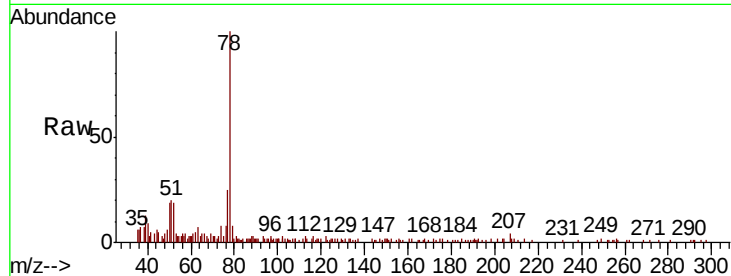
VSTDIC001

Tgt Ion: 78 Resp: 13119

Ion Ratio Lower Upper

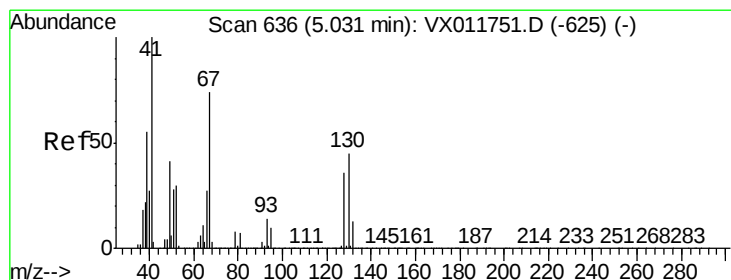
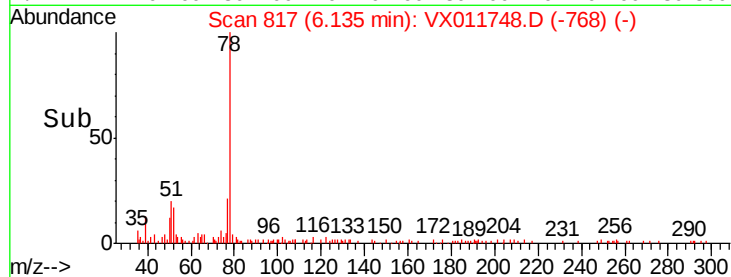
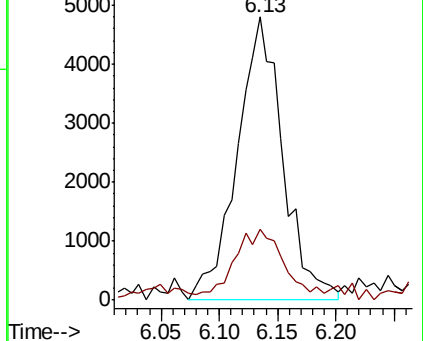
78 100

77 22.6 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 0.590 ug/l

RT: 5.04 min Scan# 637

Delta R.T. 0.01 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

Tgt Ion: 41 Resp: 1516

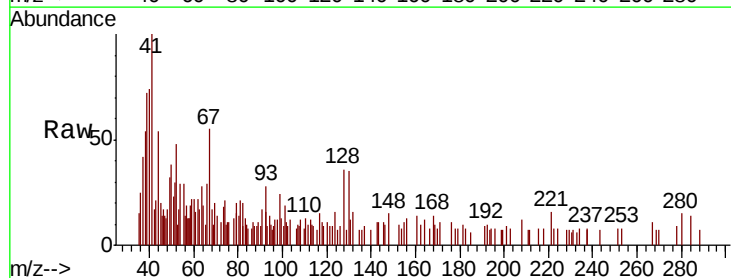
Ion Ratio Lower Upper

41 100

39 144.9 44.3 66.5#

67 40.0 60.3 90.5#

52 16.4 24.0 36.0#

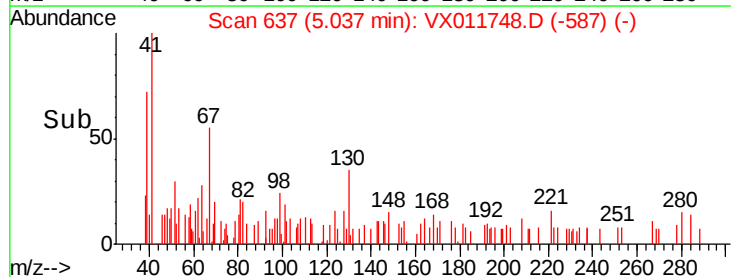
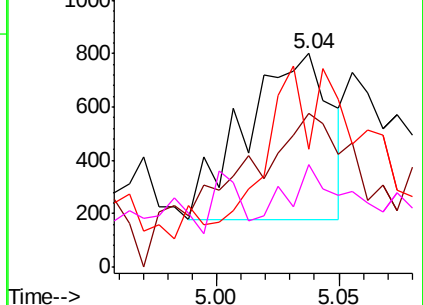


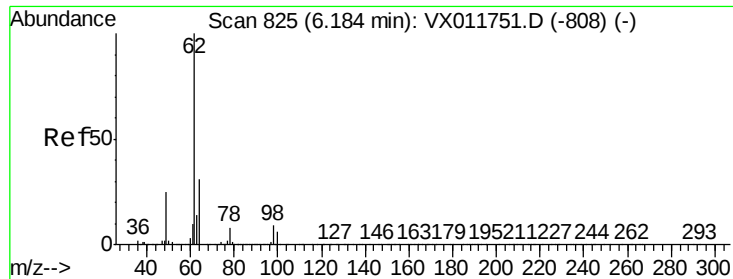
Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 1.109 ug/l

RT: 6.18 min Scan# 825

Delta R.T. 0.00 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

Instrument :

MSVOA_X

ClientSampleId :

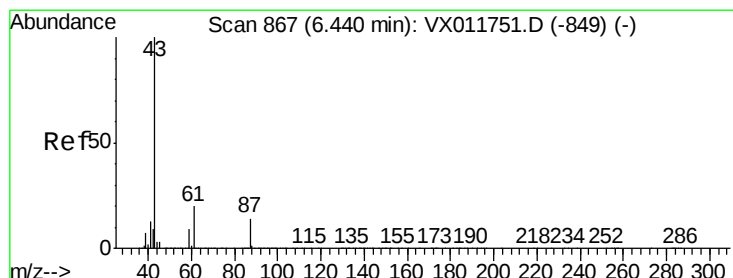
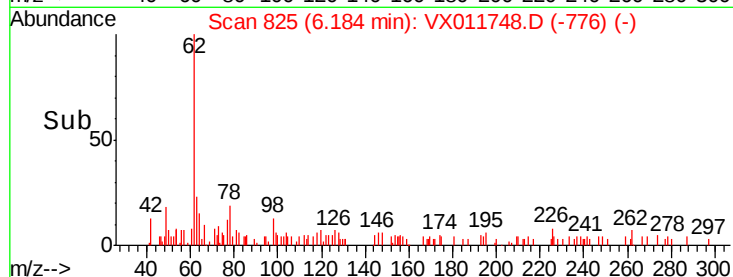
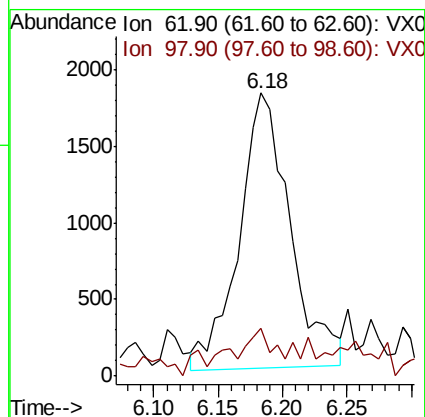
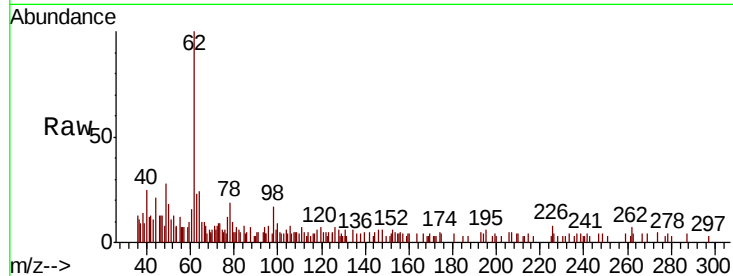
VSTDIC001

Tgt Ion: 62 Resp: 4935

Ion Ratio Lower Upper

62 100

98 9.2 0.0 18.8



#43

Isopropyl Acetate

Concen: 0.912 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

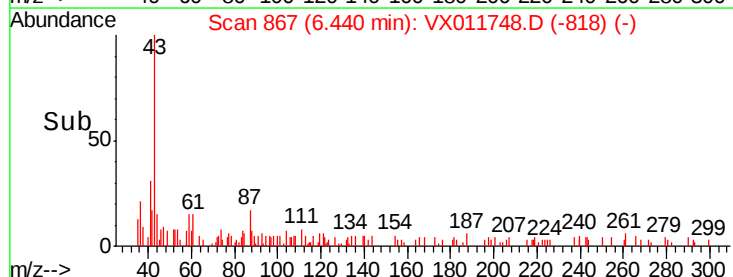
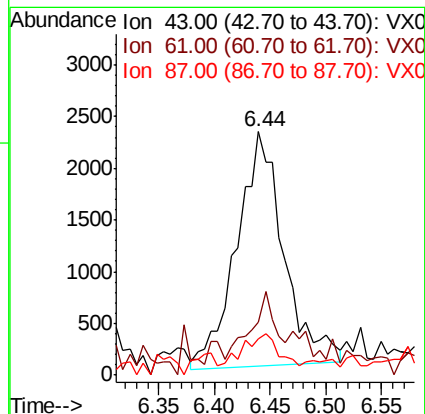
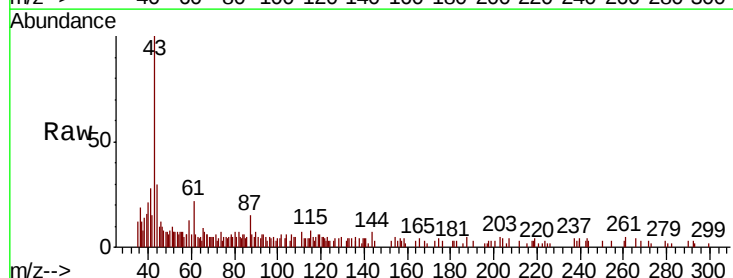
Tgt Ion: 43 Resp: 6697

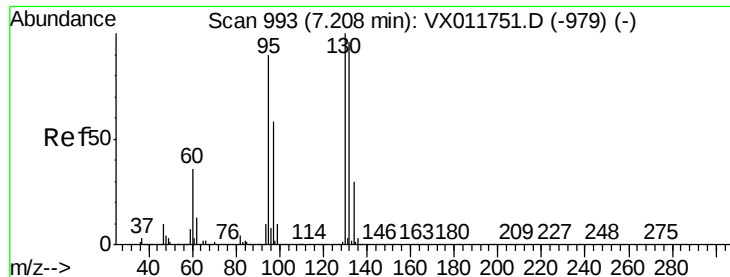
Ion Ratio Lower Upper

43 100

61 14.3 16.2 24.2#

87 9.6 11.6 17.4#





#44

Trichloroethene

Concen: 1.045 ug/l

RT: 7.20 min Scan# 992

Delta R.T. -0.01 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

Instrument :

MSVOA_X

ClientSampleId :

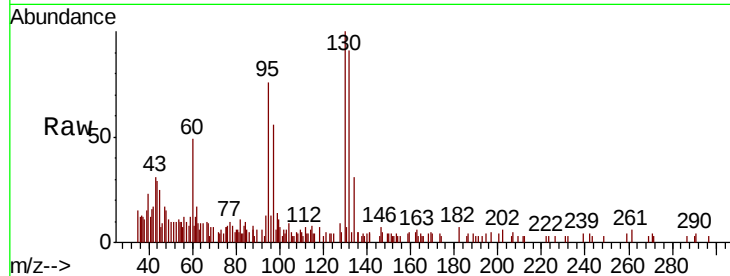
VSTDIC001

Tgt Ion: 130 Resp: 3981

Ion Ratio Lower Upper

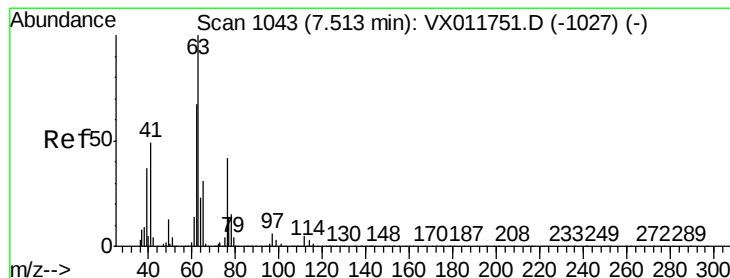
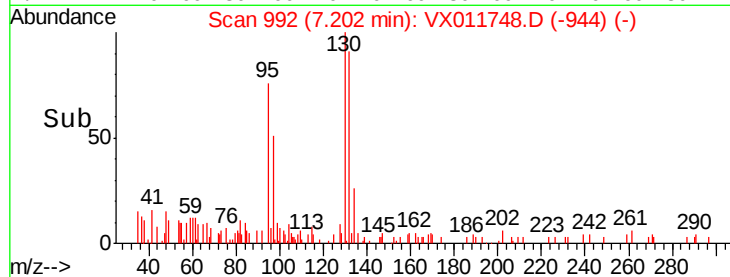
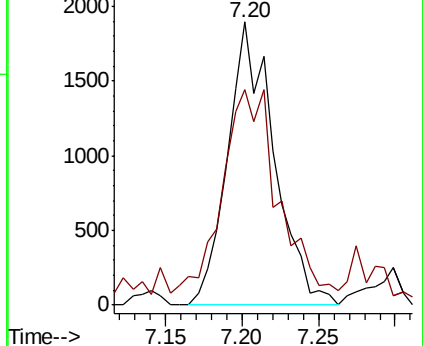
130 100

95 71.3 0.0 179.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 1.025 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX011748.D

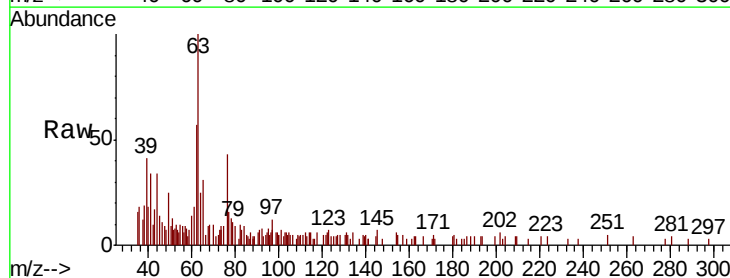
Acq: 22 Aug 2019 08:56

Tgt Ion: 63 Resp: 3254

Ion Ratio Lower Upper

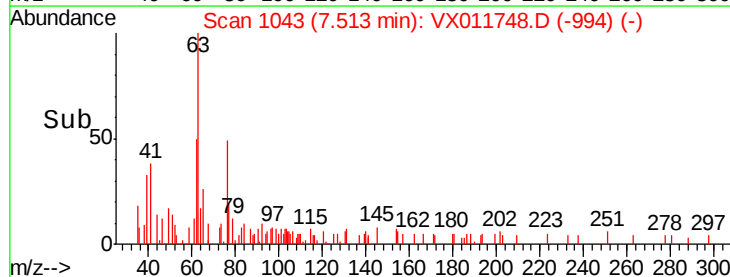
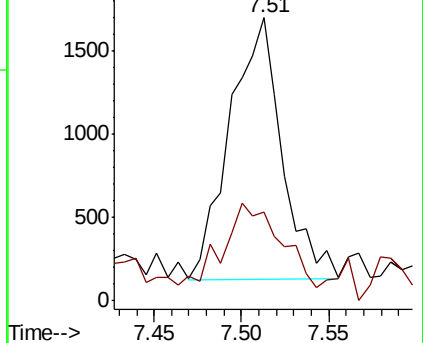
63 100

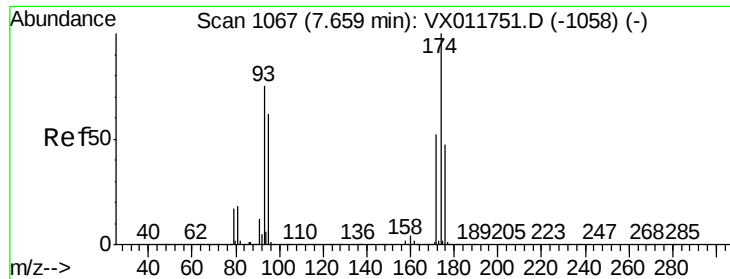
65 25.6 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#46

Dibromomethane

Concen: 1.047 ug/l

RT: 7.65 min Scan# 1066

Delta R.T. -0.01 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

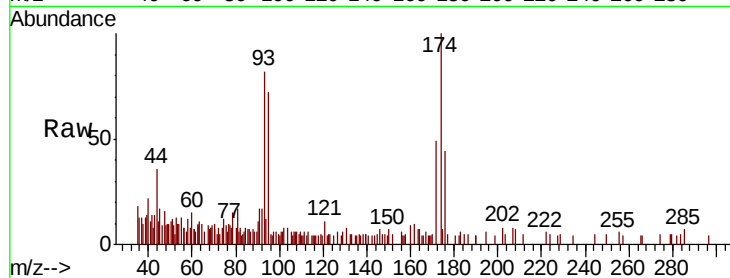
Tgt Ion: 93 Resp: 2436

Ion Ratio Lower Upper

93 100

95 95.8 66.2 99.2

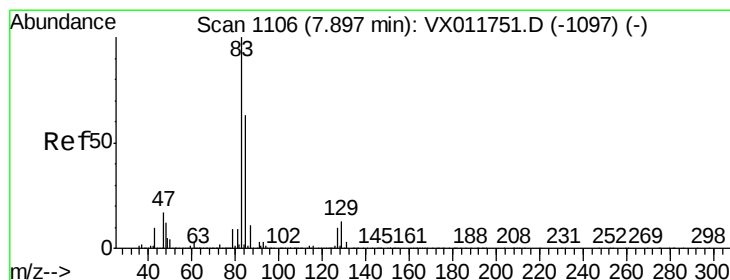
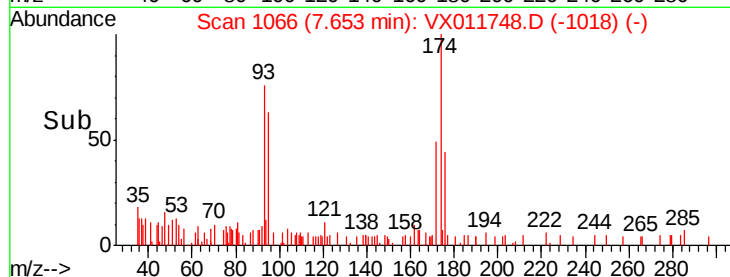
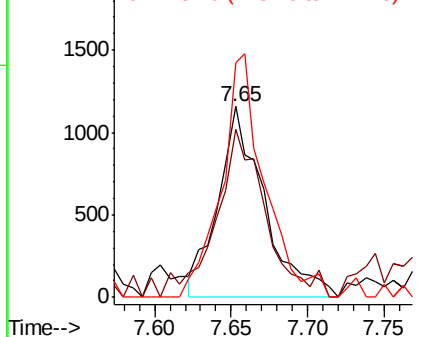
174 118.6 104.2 156.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V



#47

Bromodichloromethane

Concen: 0.930 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

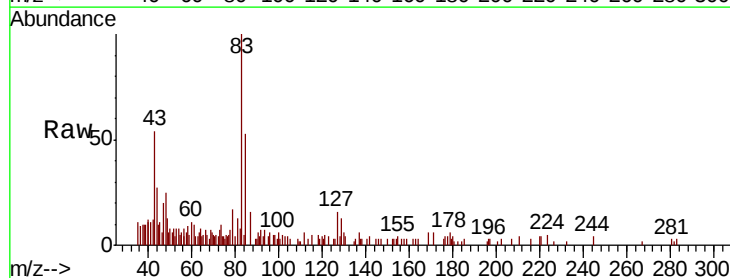
Tgt Ion: 83 Resp: 3962

Ion Ratio Lower Upper

83 100

85 49.0 50.6 76.0#

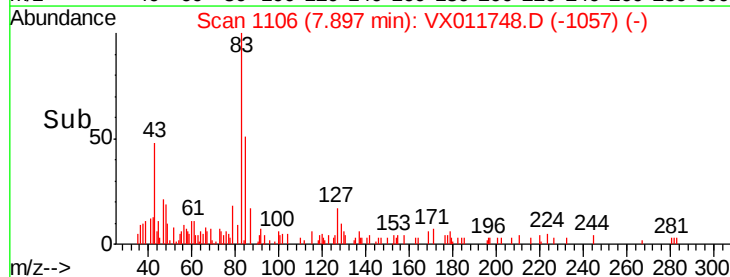
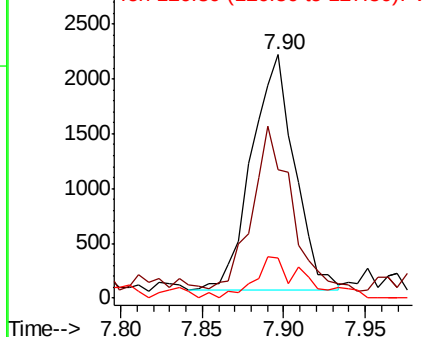
127 14.1 8.4 12.6#

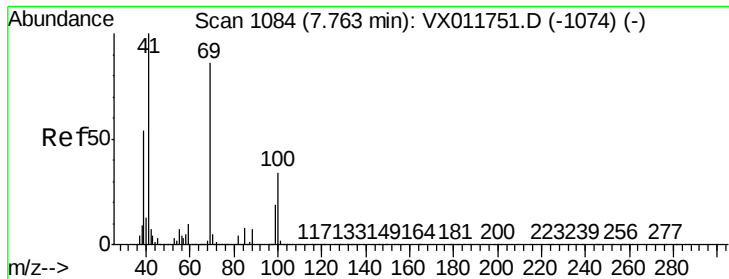


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V





#48

Methyl methacrylate

Concen: 0.825 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.01 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

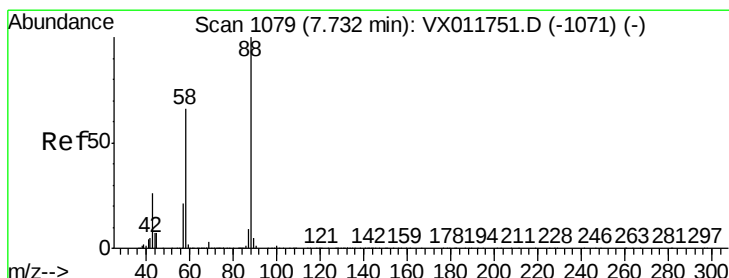
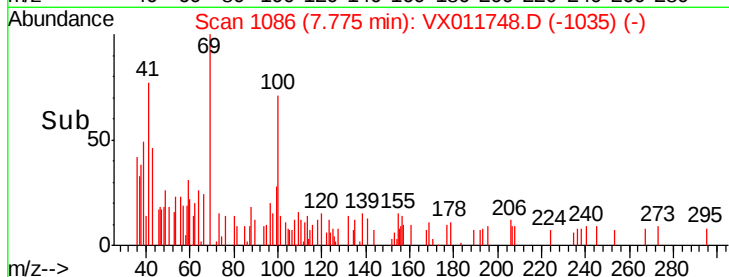
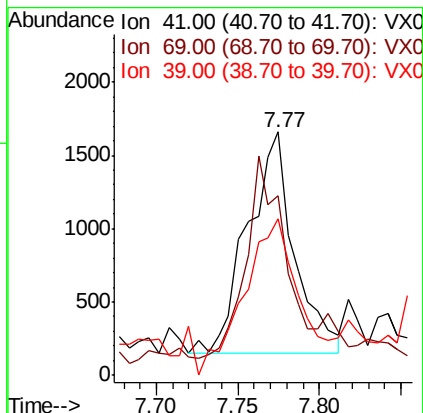
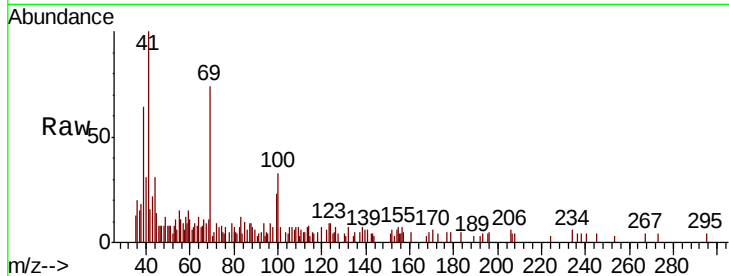
Tgt Ion: 41 Resp: 2996

Ion Ratio Lower Upper

41 100

69 76.5 69.4 104.2

39 83.6 43.6 65.4#



#49

1,4-Dioxane

Concen: 22.195 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.01 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

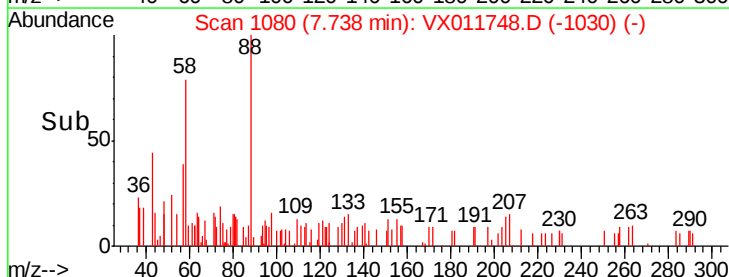
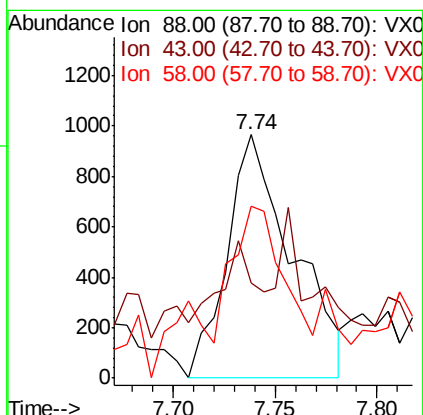
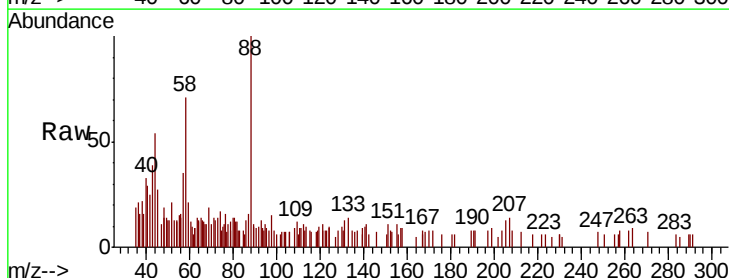
Tgt Ion: 88 Resp: 2151

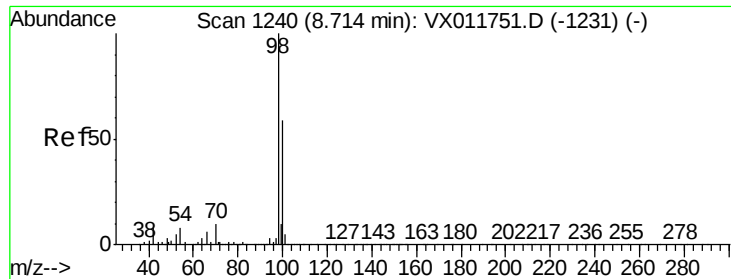
Ion Ratio Lower Upper

88 100

43 18.8 24.6 37.0#

58 41.5 51.4 77.2#





#50

Toluene-d8

Concen: 1.588 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

Instrument :

MSVOA_X

ClientSampleId :

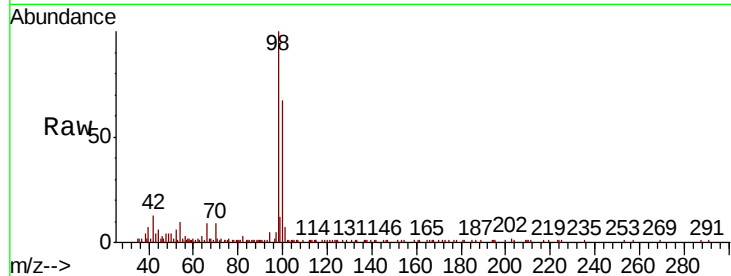
VSTDIC001

Tgt Ion: 98 Resp: 16459

Ion Ratio Lower Upper

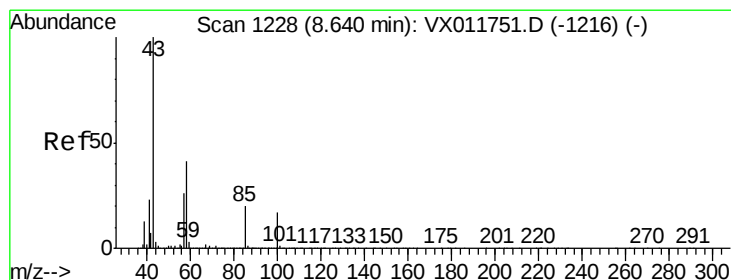
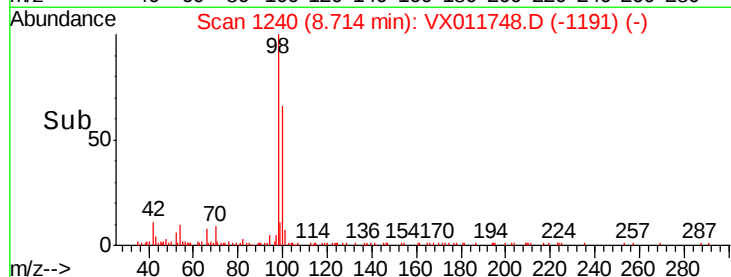
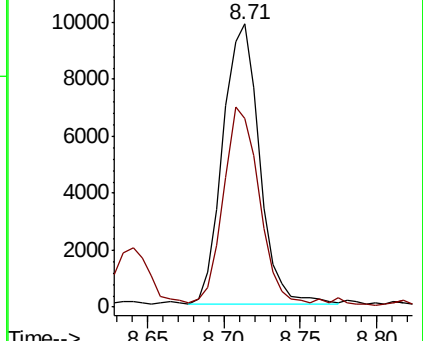
98 100

100 67.4 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#51

4-Methyl-2-Pentanone

Concen: 4.265 ug/l

RT: 8.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VX011748.D

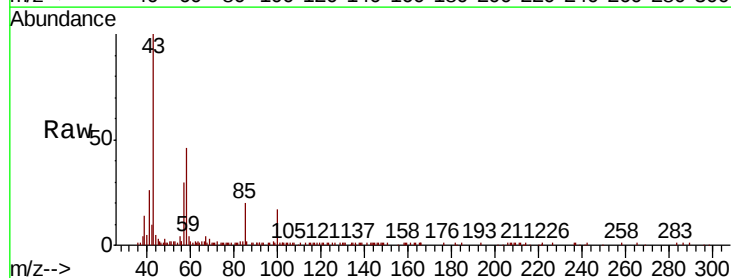
Acq: 22 Aug 2019 08:56

Tgt Ion: 43 Resp: 20404

Ion Ratio Lower Upper

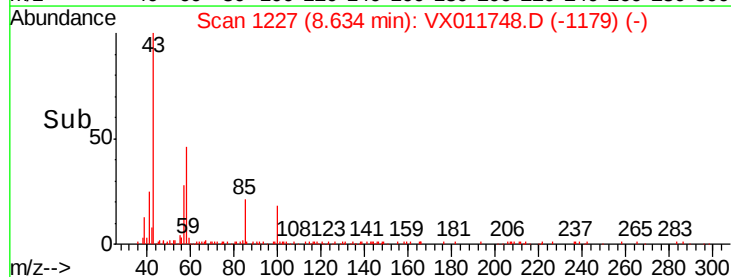
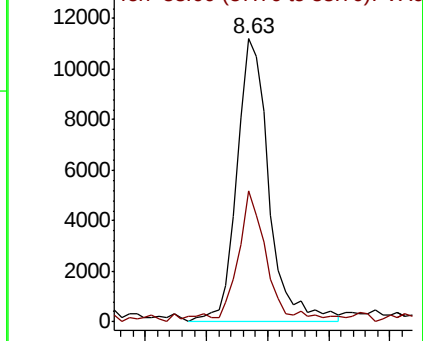
43 100

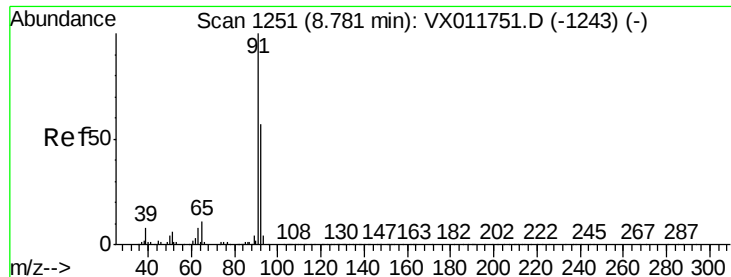
58 41.0 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 1.031 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

Instrument :

MSVOA_X

ClientSampleId :

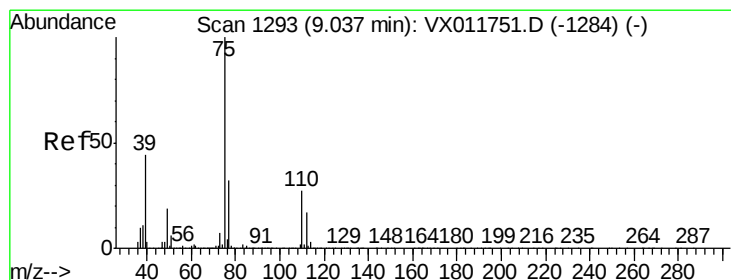
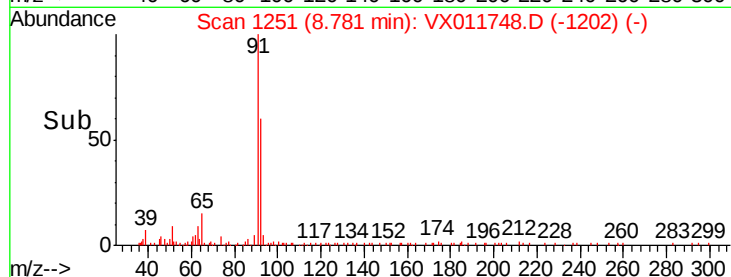
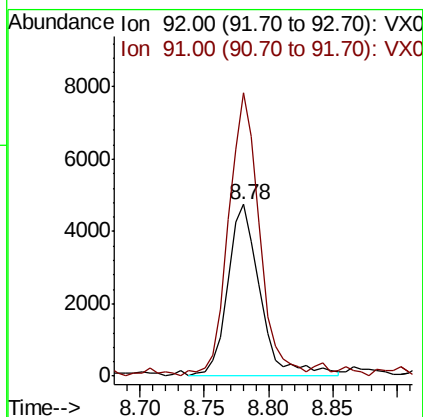
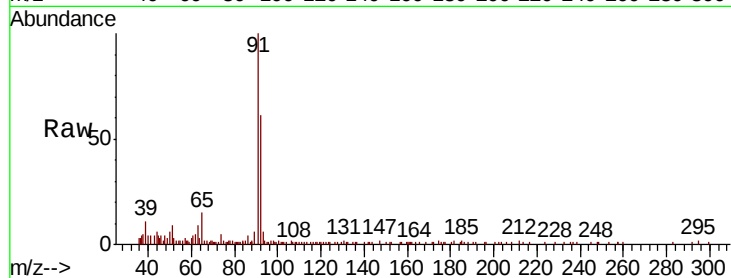
VSTDIC001

Tgt Ion: 92 Resp: 8412

Ion Ratio Lower Upper

92 100

91 156.6 138.6 207.8



#53

t-1,3-Dichloropropene

Concen: 0.846 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX011748.D

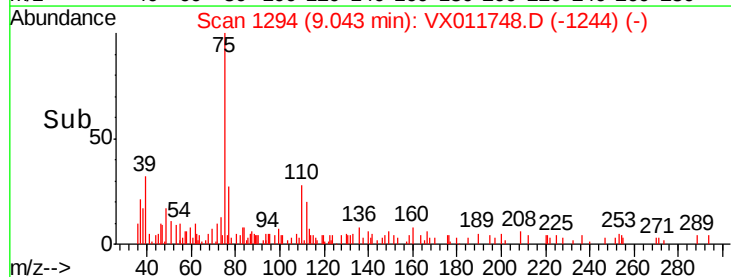
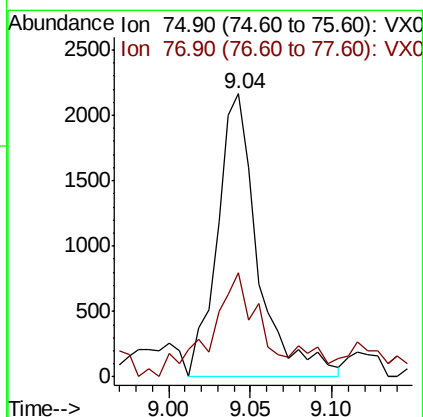
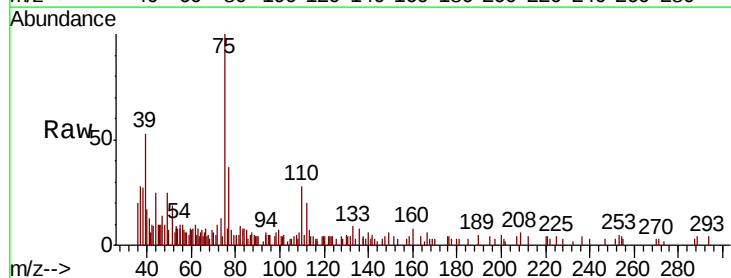
Acq: 22 Aug 2019 08:56

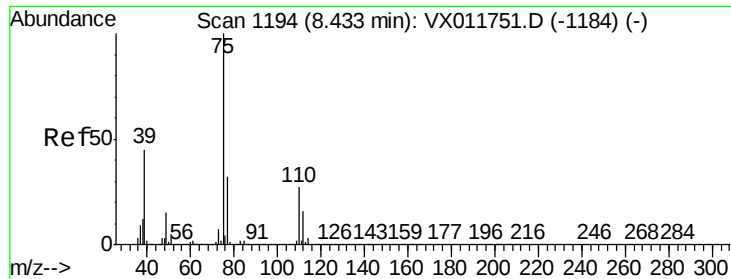
Tgt Ion: 75 Resp: 3735

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0



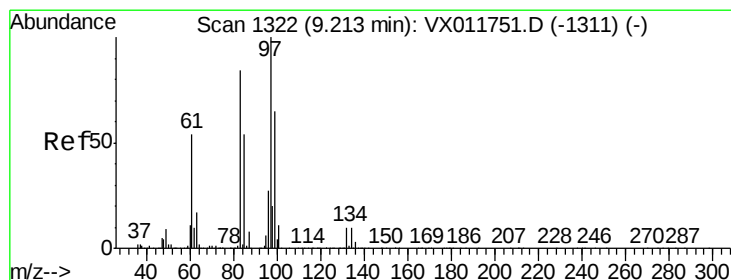
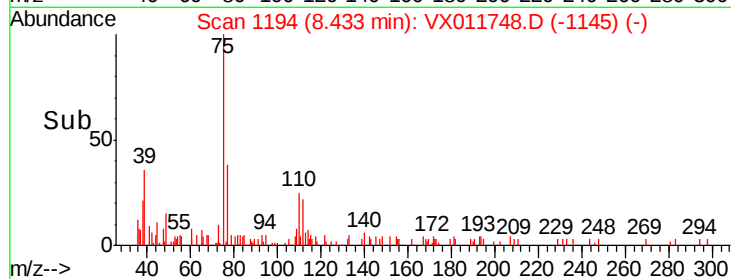
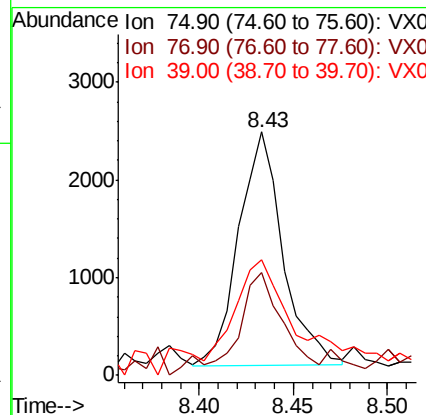
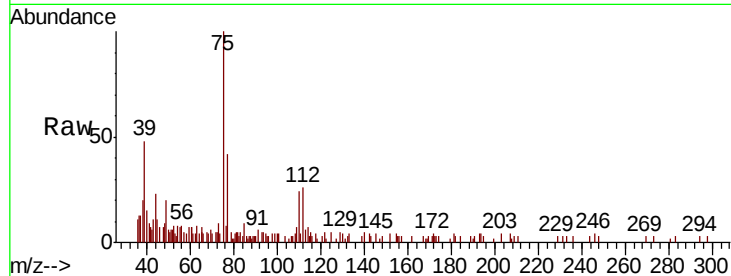


#54

cis-1,3-Dichloropropene
 Concen: 0.805 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX011748.D
 Acq: 22 Aug 2019 08:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

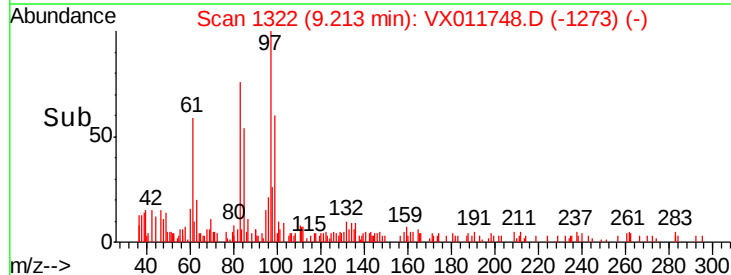
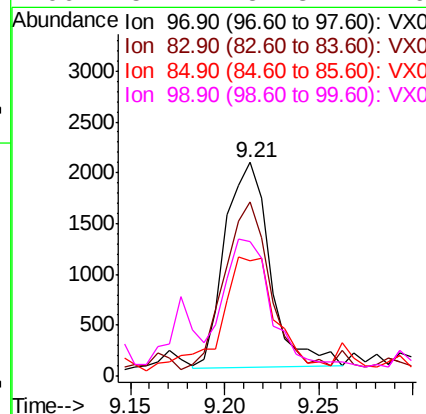
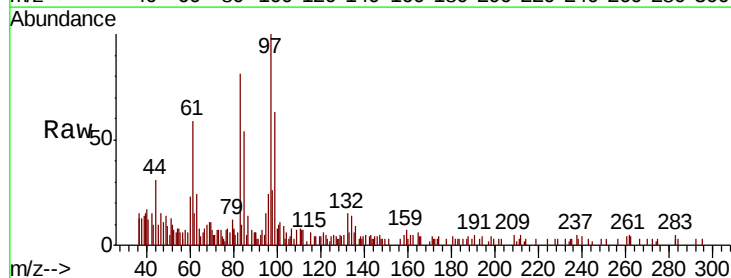
Tgt Ion:	75	Resp:	3882
Ion	Ratio	Lower	Upper
75	100		
77	37.6	25.4	38.2
39	40.5	36.2	54.4

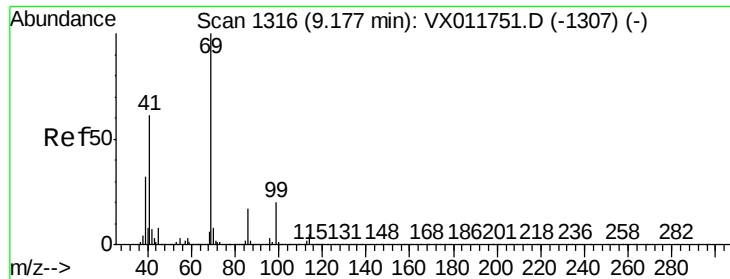


#55

1,1,2-Trichloroethane
 Concen: 0.978 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011748.D
 Acq: 22 Aug 2019 08:56

Tgt Ion:	97	Resp:	3385
Ion	Ratio	Lower	Upper
97	100		
83	72.9	67.3	100.9
85	45.7	43.4	65.2
99	51.7	51.8	77.6#





#56

Ethyl methacrylate

Concen: 0.743 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

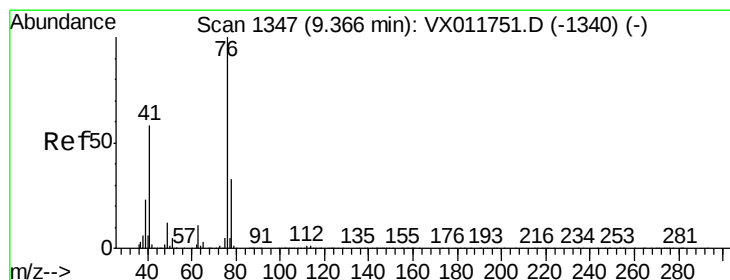
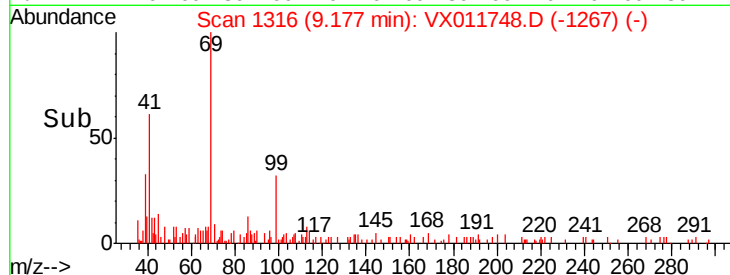
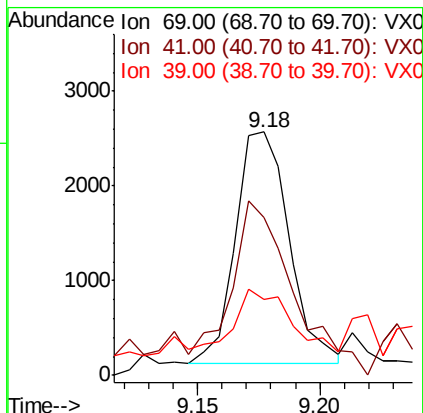
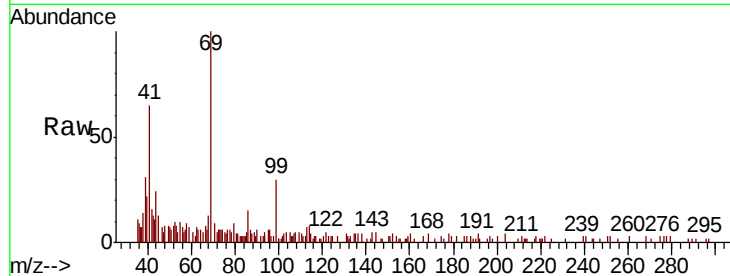
Tgt Ion: 69 Resp: 3735

Ion Ratio Lower Upper

69 100

41 88.9 50.7 76.1#

39 29.8 26.4 39.6



#57

1,3-Dichloropropane

Concen: 1.092 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011748.D

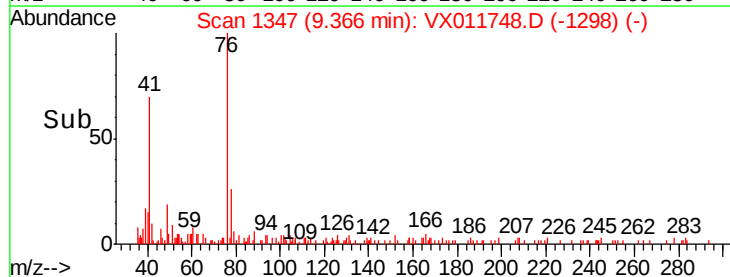
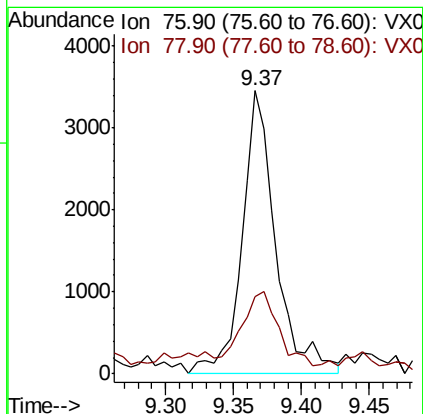
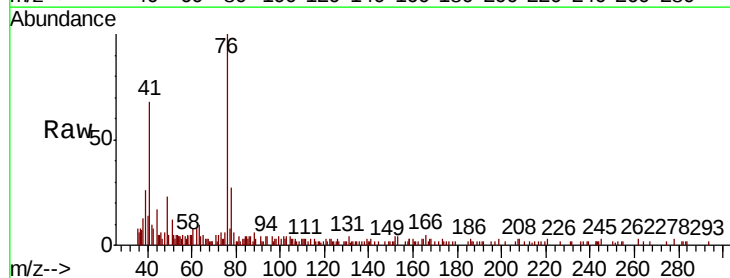
Acq: 22 Aug 2019 08:56

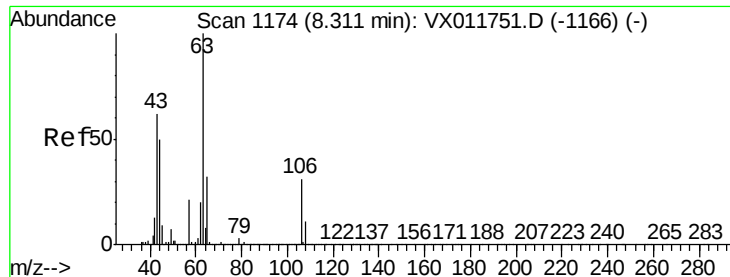
Tgt Ion: 76 Resp: 5967

Ion Ratio Lower Upper

76 100

78 29.0 26.6 39.8

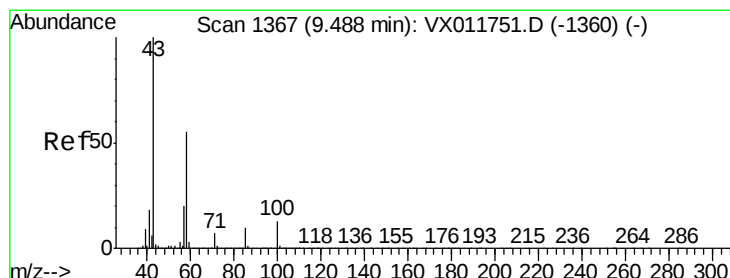
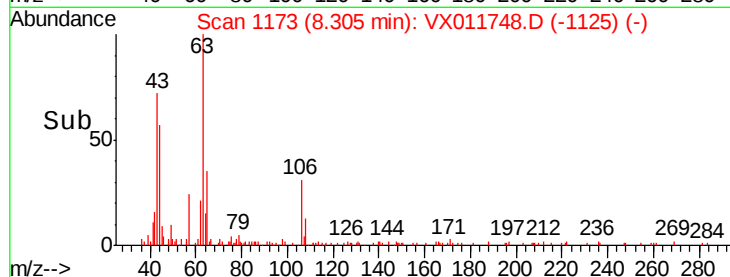
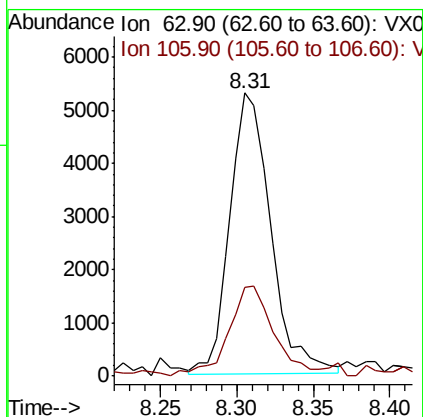
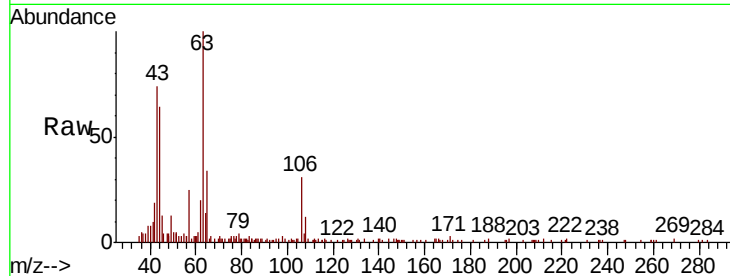




#58
 2-Chloroethyl Vinyl ether
 Concen: 3.898 ug/l
 RT: 8.31 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: VX011748.D
 Acq: 22 Aug 2019 08:56

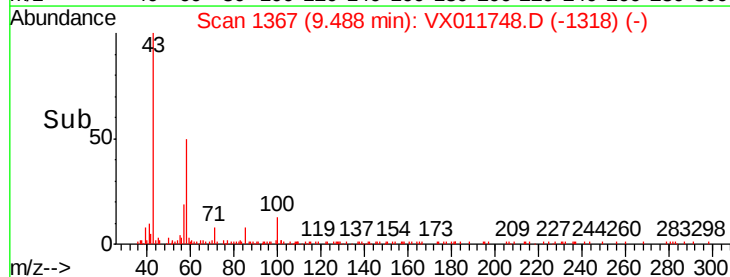
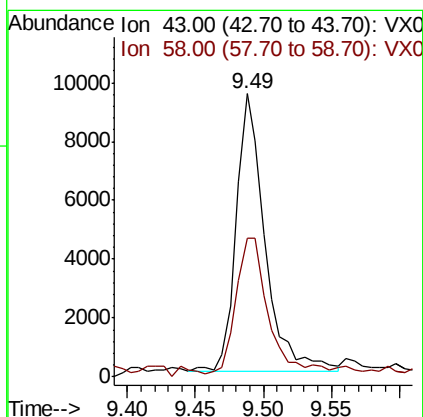
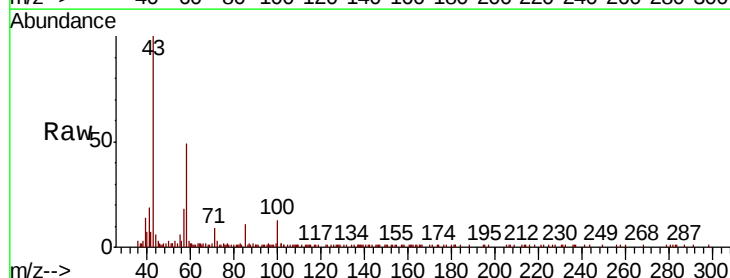
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

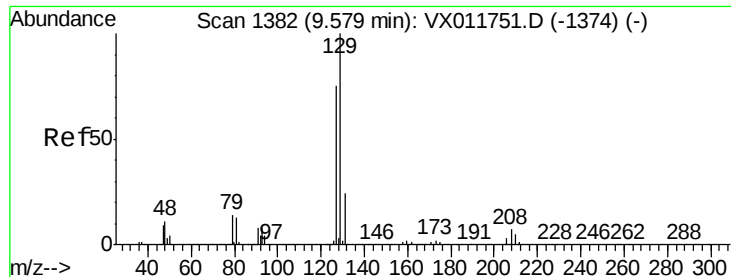
Tgt Ion: 63 Resp: 9864
 Ion Ratio Lower Upper
 63 100
 106 35.7 24.9 37.3



#59
 2-Hexanone
 Concen: 3.762 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VX011748.D
 Acq: 22 Aug 2019 08:56

Tgt Ion: 43 Resp: 13898
 Ion Ratio Lower Upper
 43 100
 58 55.5 27.7 83.1





#60

Dibromochloromethane

Concen: 0.905 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

Instrument :

MSVOA_X

ClientSampleId :

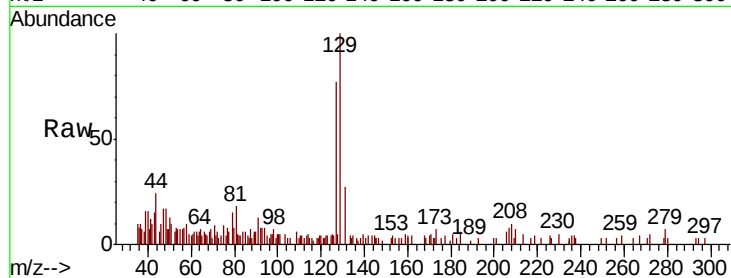
VSTDIC001

Tgt Ion:129 Resp: 3257

Ion Ratio Lower Upper

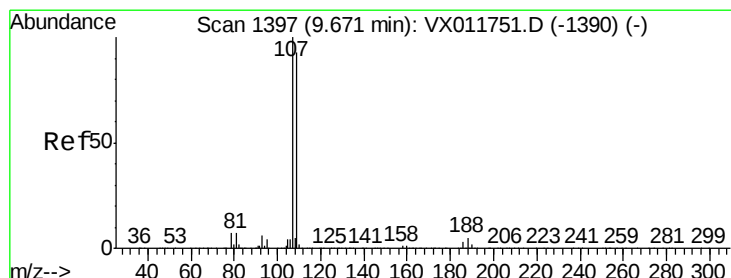
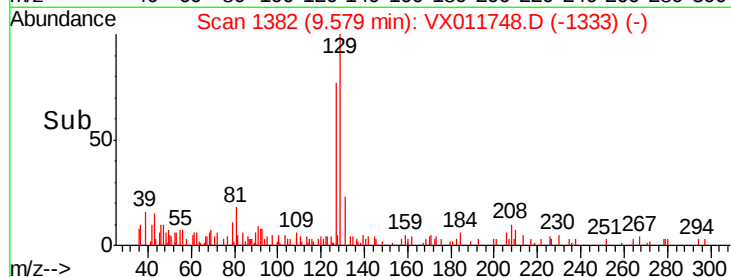
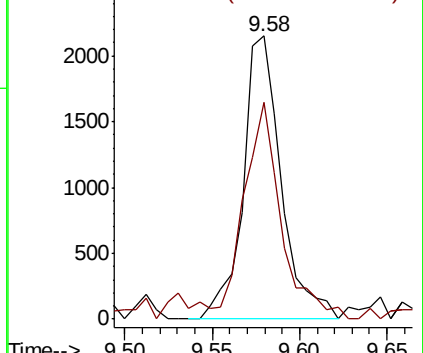
129 100

127 74.9 38.3 114.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 0.896 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011748.D

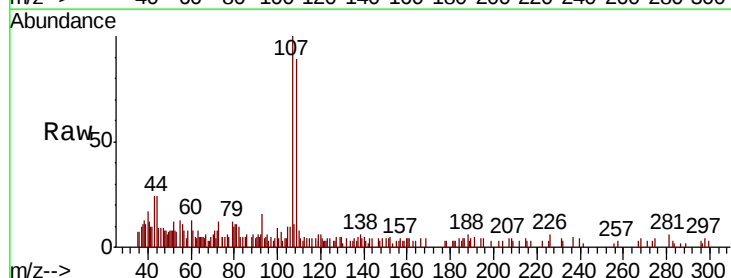
Acq: 22 Aug 2019 08:56

Tgt Ion:107 Resp: 3314

Ion Ratio Lower Upper

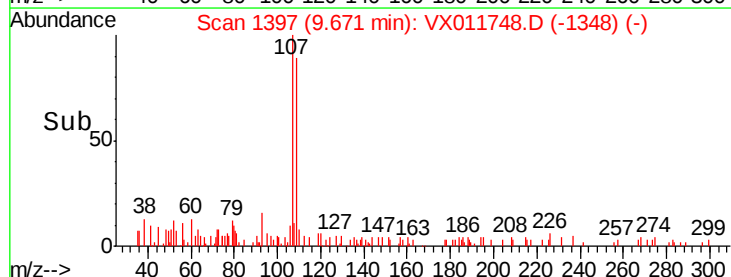
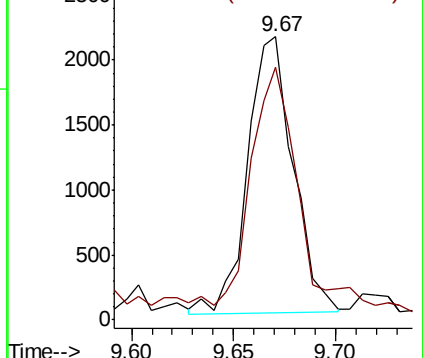
107 100

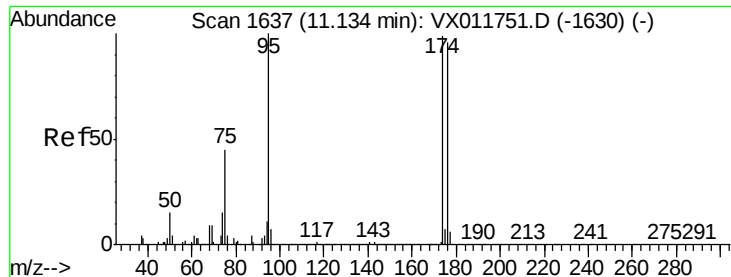
109 93.0 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 1.399 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

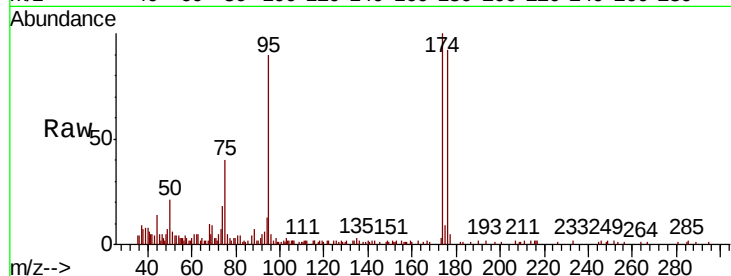
Tgt Ion: 95 Resp: 5994

Ion Ratio Lower Upper

95 100

174 108.5 0.0 197.4

176 97.7 0.0 194.4

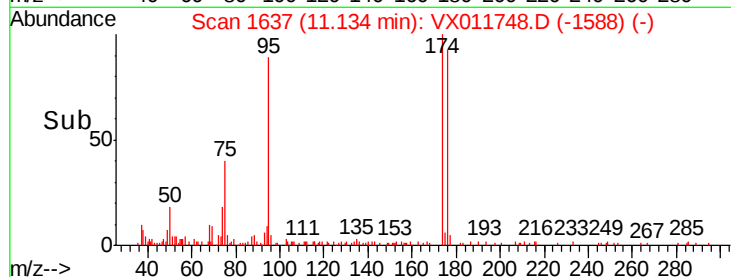


Abundance Ion 94.90 (94.60 to 95.60): VX011751.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX011751.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX011751.D (-1630) (-)

Time-->

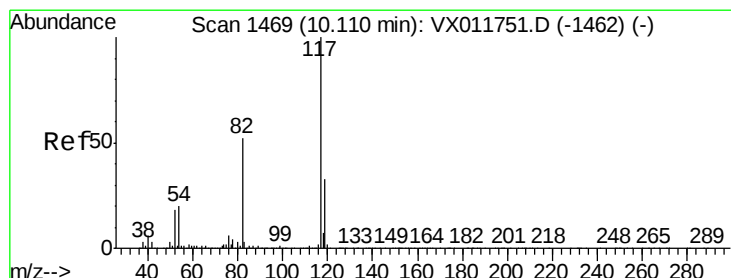


Abundance Ion 94.90 (94.60 to 95.60): VX011748.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011748.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011748.D (-1588) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

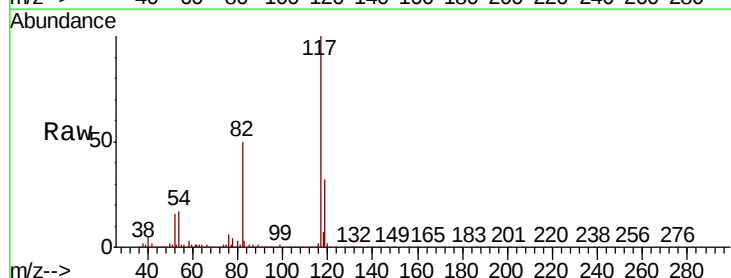
Tgt Ion: 117 Resp: 442187

Ion Ratio Lower Upper

117 100

82 50.1 41.7 62.5

119 32.0 26.2 39.2

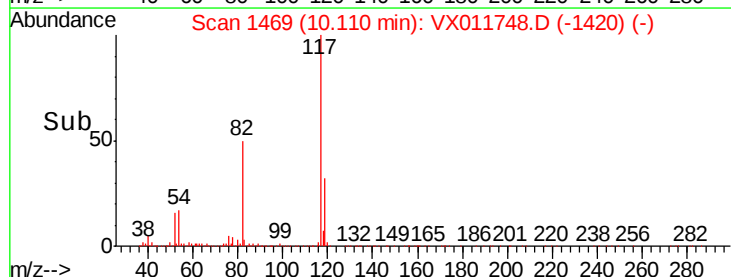


Abundance Ion 116.90 (116.60 to 117.60): VX011751.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX011751.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX011751.D (-1462) (-)

Time-->

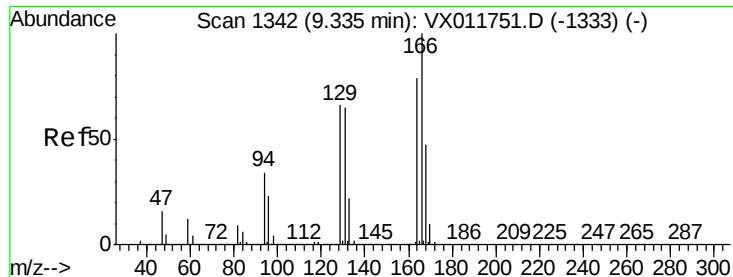


Abundance Ion 116.90 (116.60 to 117.60): VX011748.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011748.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011748.D (-1420) (-)

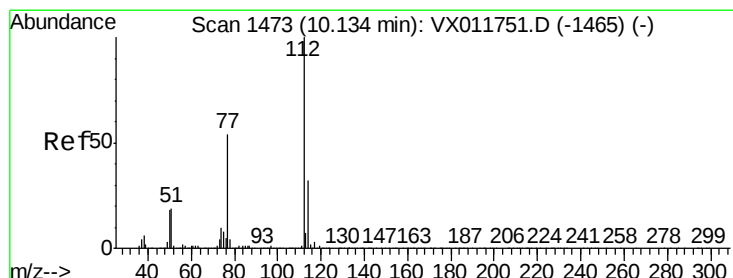
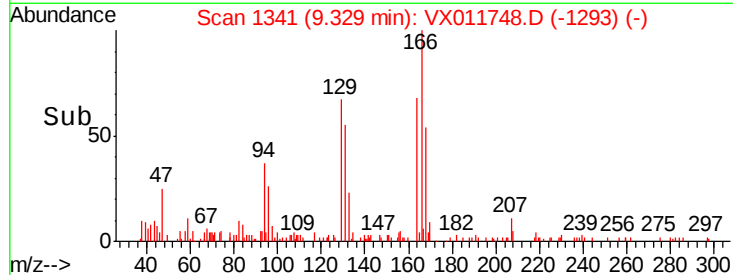
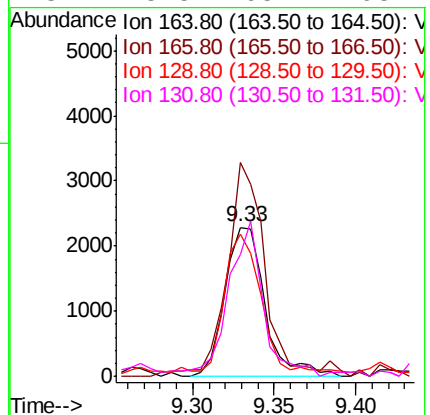
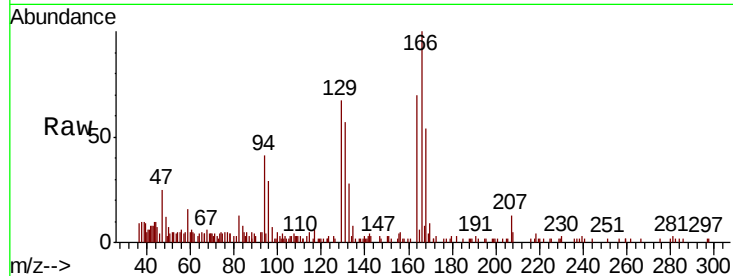
Time-->



#64
Tetrachloroethene
Concen: 1.074 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX011748.D
Acq: 22 Aug 2019 08:56

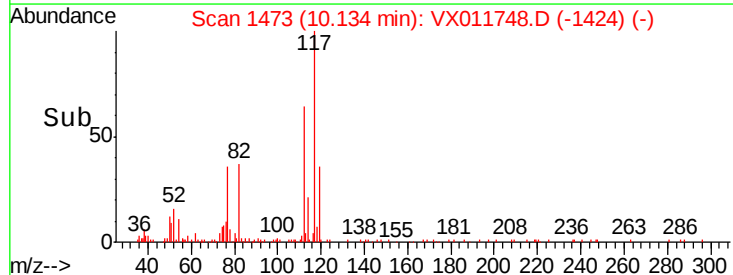
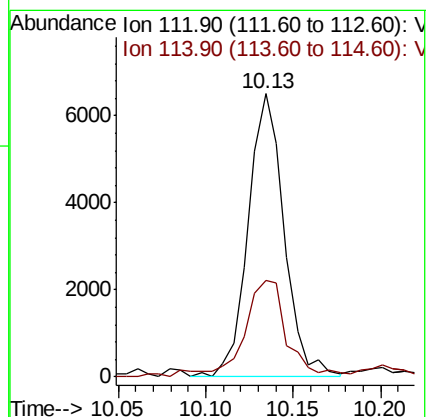
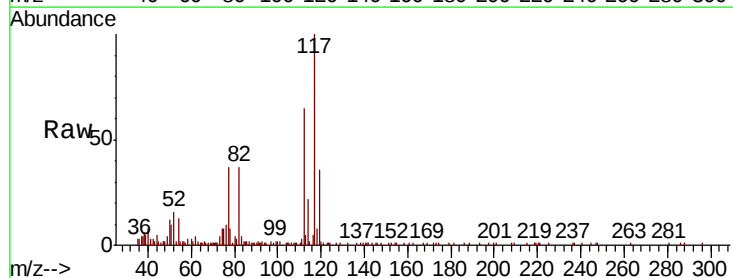
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

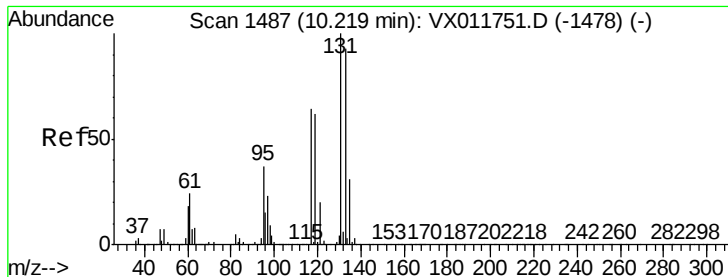
Tgt Ion:	164	Resp:	3924
Ion	Ratio	Lower	Upper
164	100		
166	139.3	100.7	151.1
129	92.4	66.8	100.2
131	78.5	65.4	98.2



#65
Chlorobenzene
Concen: 1.001 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011748.D
Acq: 22 Aug 2019 08:56

Tgt Ion:	112	Resp:	9292
Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.4	38.0





#66

1,1,1,2-Tetrachloroethane

Concen: 0.920 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

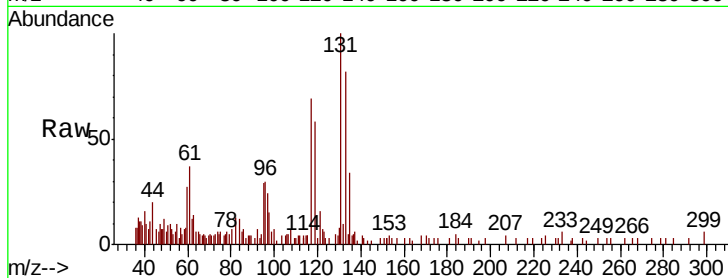
Tgt Ion:131 Resp: 3204

Ion Ratio Lower Upper

131 100

133 93.9 47.8 143.4

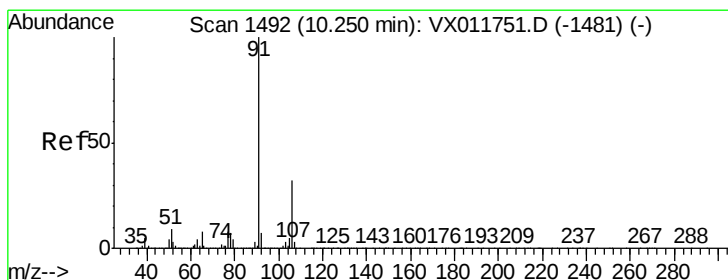
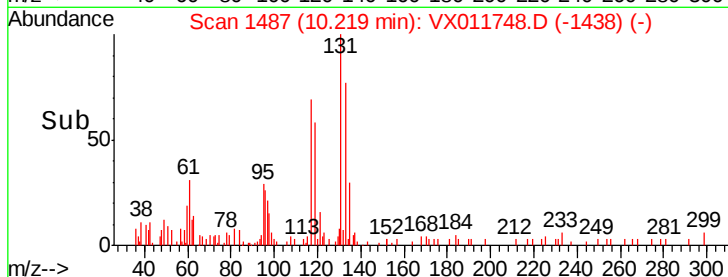
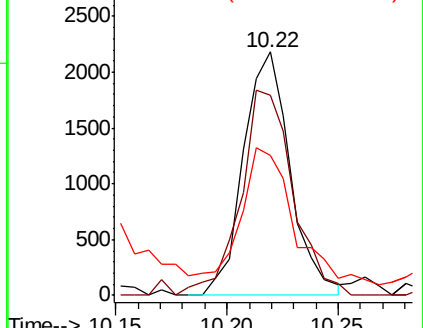
119 0.0 31.3 93.8#



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: 0.899 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011748.D

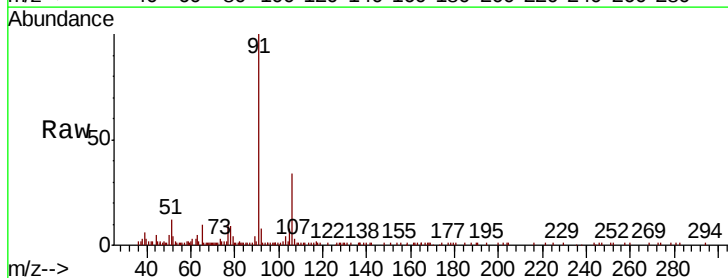
Acq: 22 Aug 2019 08:56

Tgt Ion: 91 Resp: 14063

Ion Ratio Lower Upper

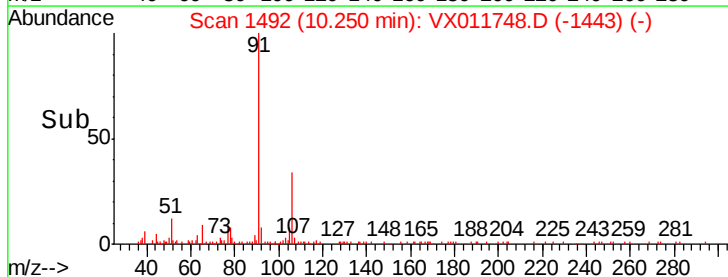
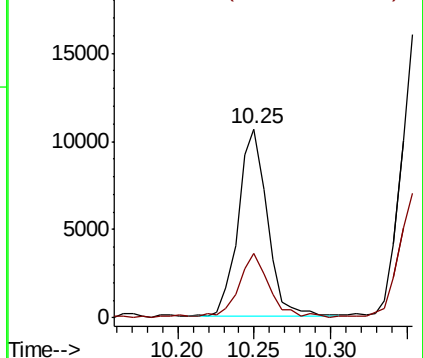
91 100

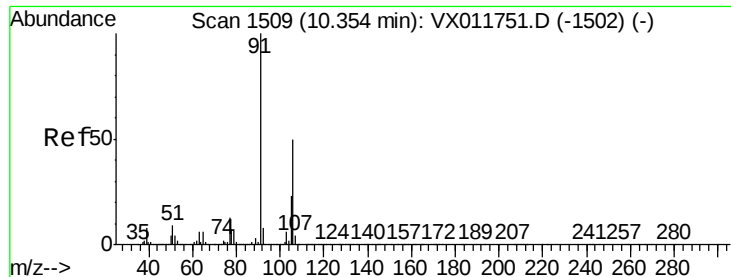
106 33.9 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

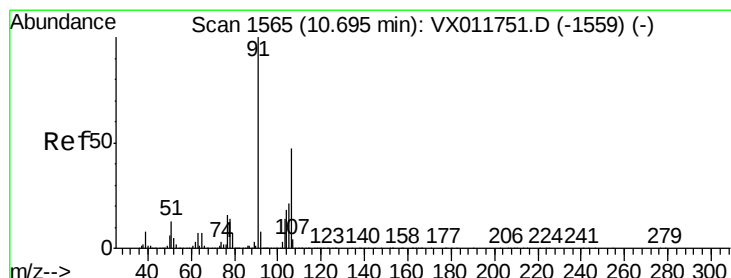
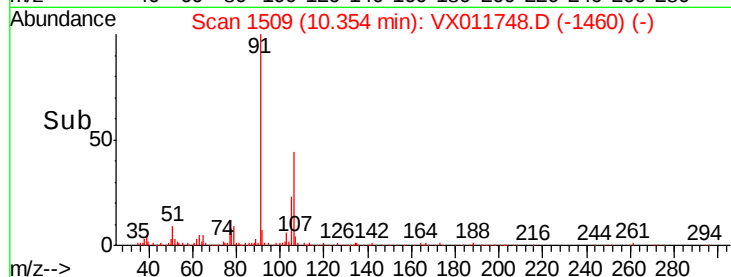
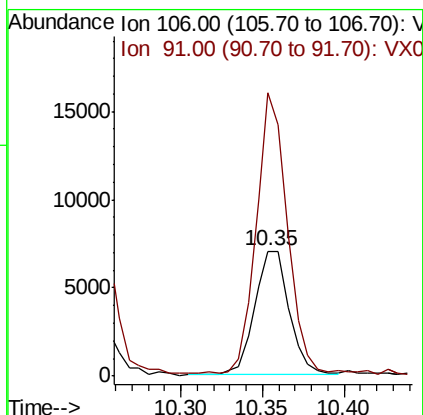
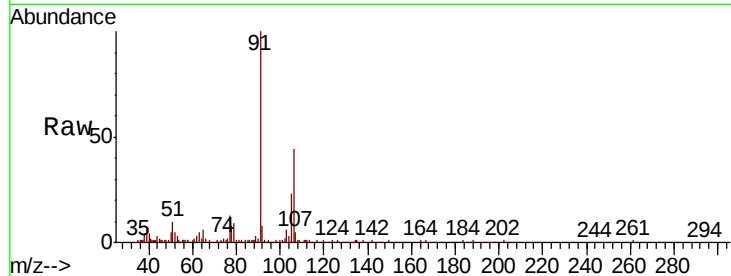




#68
m/p-Xylenes
Concen: 1.742 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VX011748.D
Acq: 22 Aug 2019 08:56

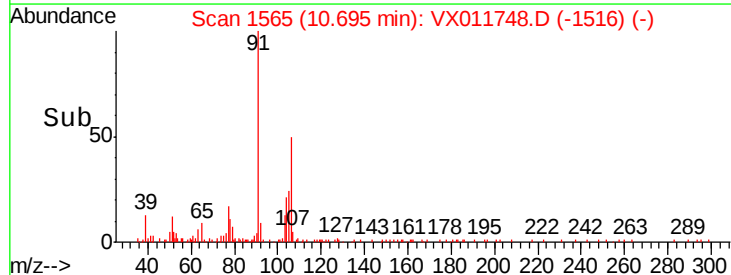
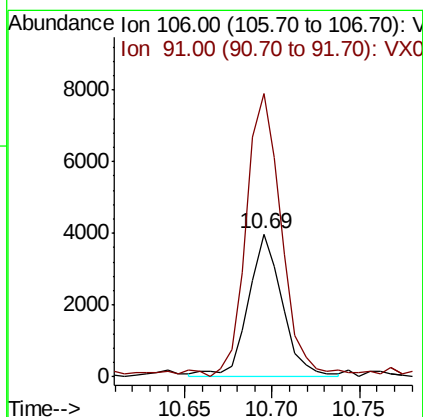
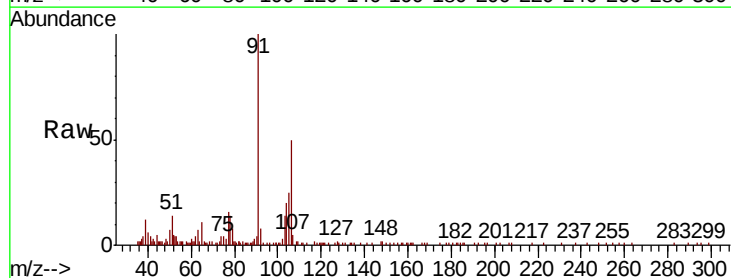
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

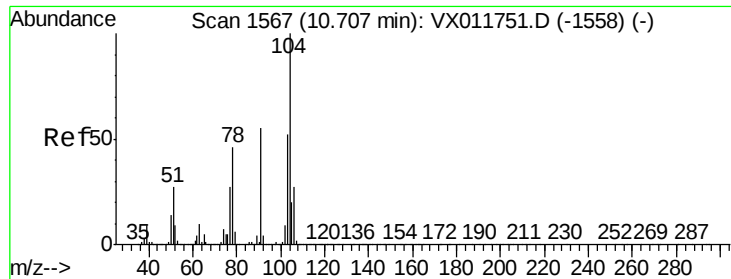
Tgt Ion:106 Resp: 10461
Ion Ratio Lower Upper
106 100
91 199.7 158.3 237.5



#69
o-Xylene
Concen: 0.905 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011748.D
Acq: 22 Aug 2019 08:56

Tgt Ion:106 Resp: 5329
Ion Ratio Lower Upper
106 100
91 209.5 105.0 314.9





#70

Styrene

Concen: 0.849 ug/l

RT: 10.71 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

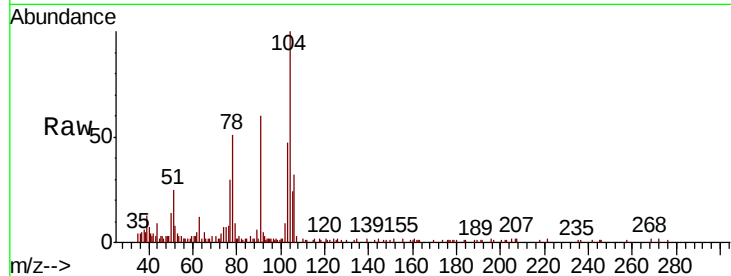
Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

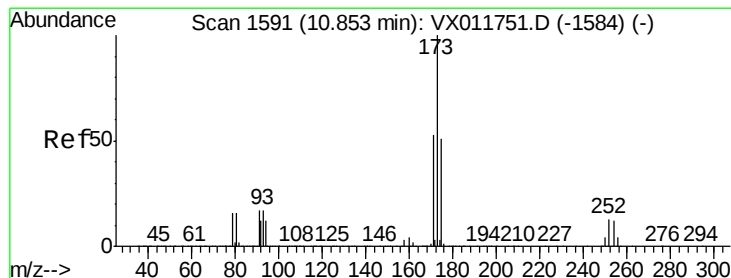
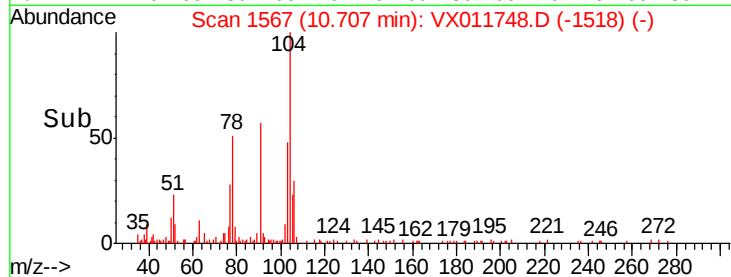
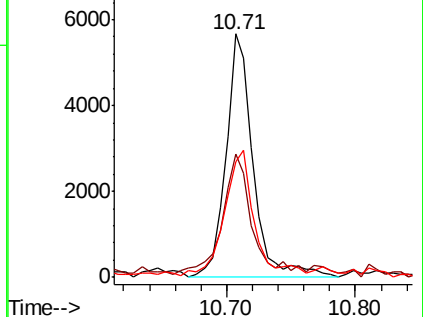
Tgt Ion:	104	Resp:	8377
Ion	Ratio	Lower	Upper
104	100		
78	52.6	39.2	58.8
103	55.3	44.5	66.7



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.892 ug/l

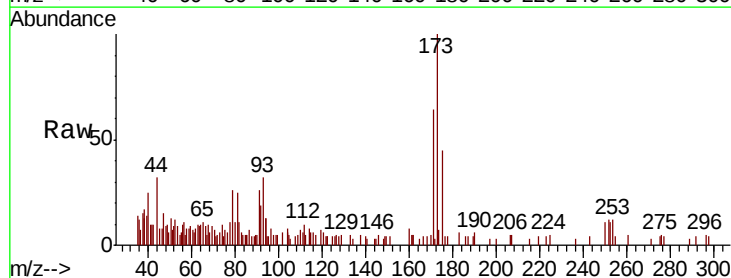
RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

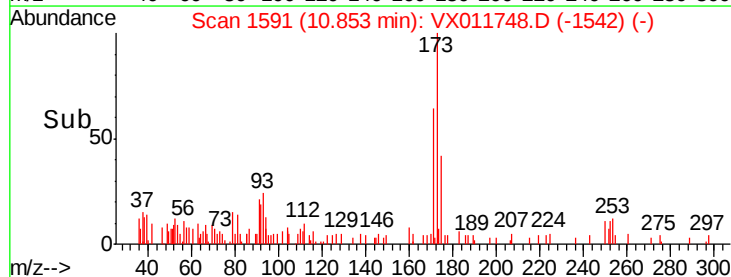
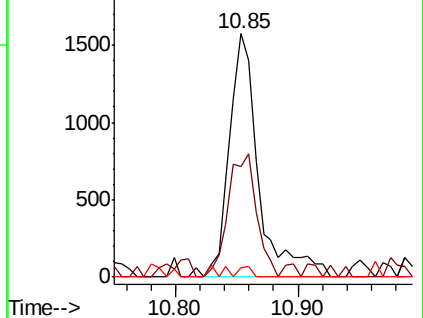
Tgt Ion:	173	Resp:	2636
Ion	Ratio	Lower	Upper
173	100		
175	48.6	25.1	75.3
254	1.8	0.2	0.4#

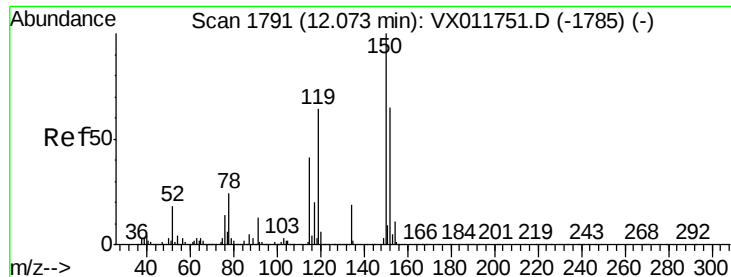


Abundance Ion 172.70 (172.40 to 173.40): V

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: 12.07 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

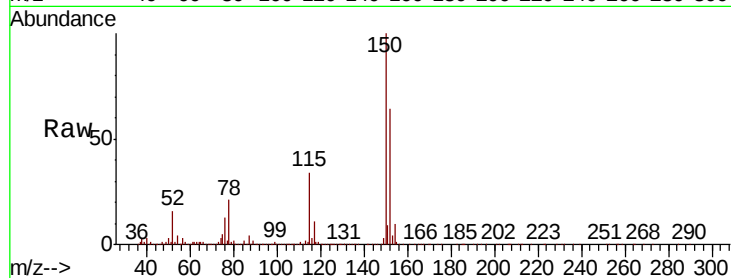
Tgt Ion:152 Resp: 227108

Ion Ratio Lower Upper

152 100

115 53.9 37.3 111.8

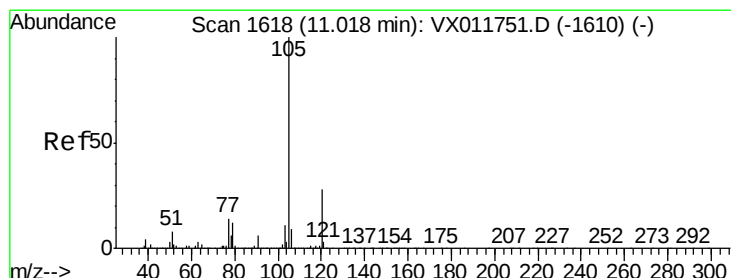
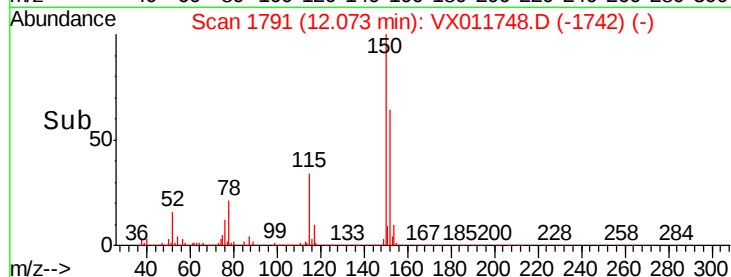
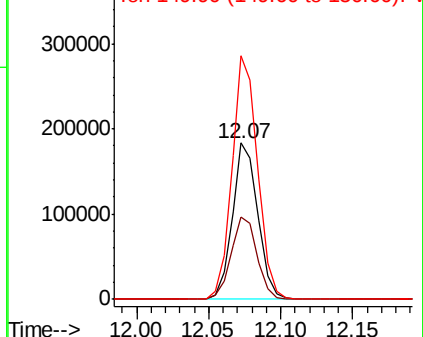
150 155.7 0.0 343.0



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: 0.959 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VX011748.D

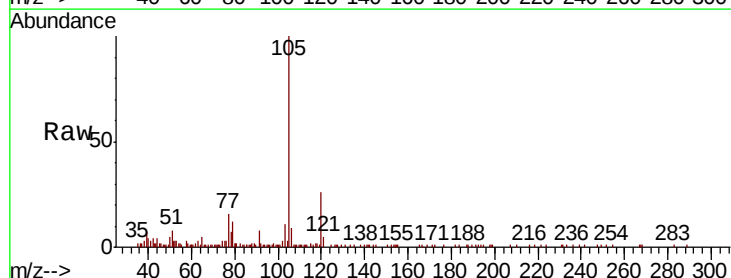
Acq: 22 Aug 2019 08:56

Tgt Ion:105 Resp: 13963

Ion Ratio Lower Upper

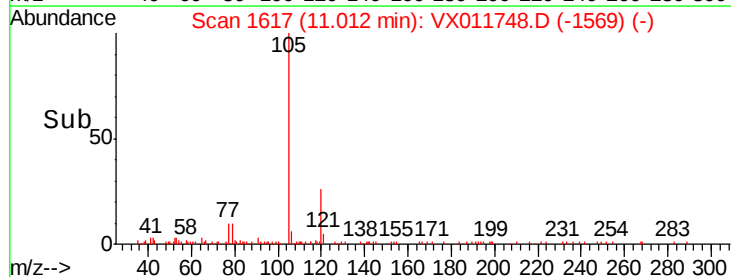
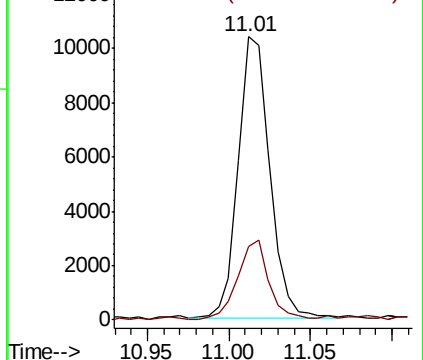
105 100

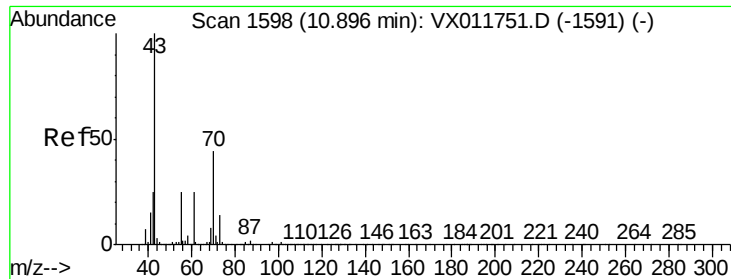
120 28.2 13.9 41.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 0.816 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 43 Resp: 4985

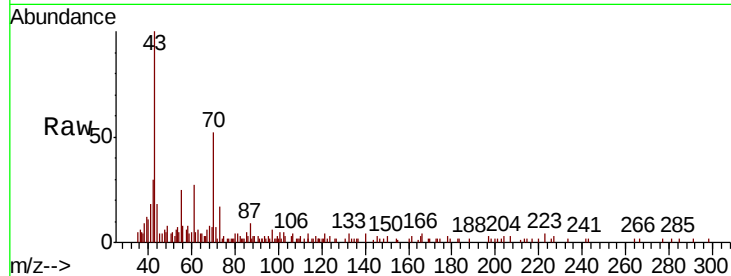
Ion Ratio Lower Upper

43 100

70 54.8 34.8 52.2#

55 27.9 19.5 29.3

61 33.3 19.8 29.6#

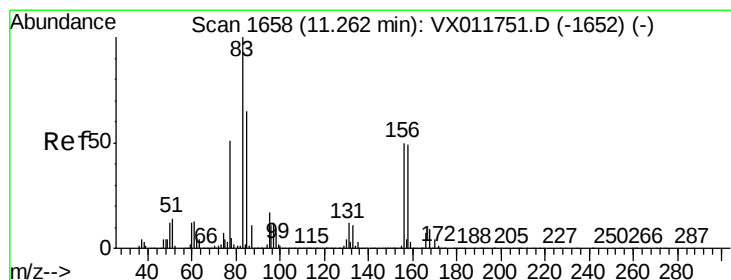
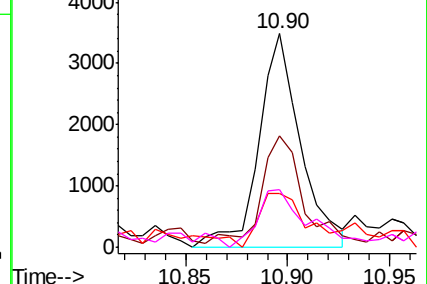
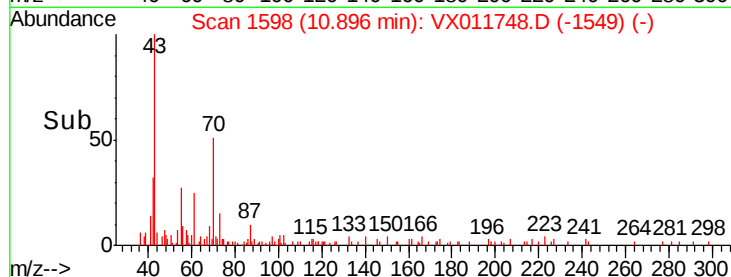


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 1.016 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.01 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

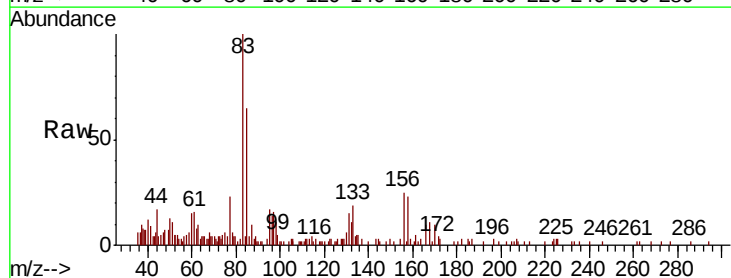
Tgt Ion: 83 Resp: 5033

Ion Ratio Lower Upper

83 100

131 18.4 6.1 18.3#

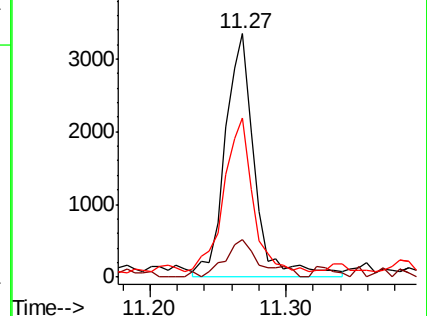
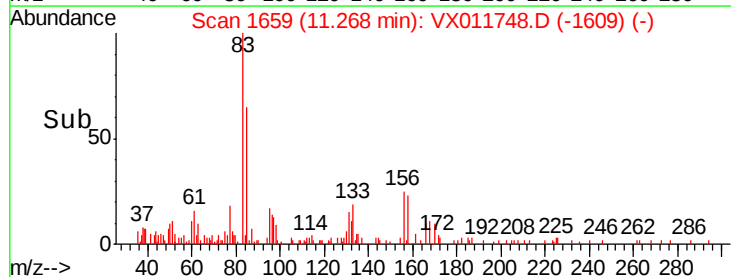
85 62.2 32.4 97.0

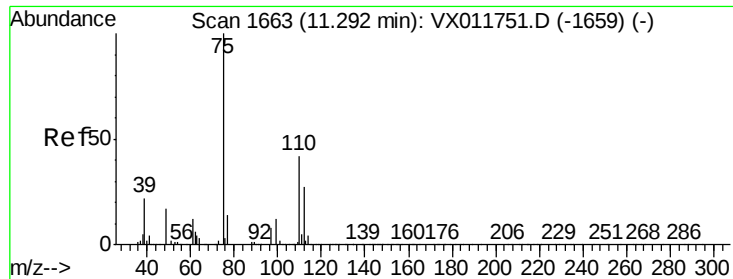


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 1.171 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

Instrument :

MSVOA_X

ClientSampleId :

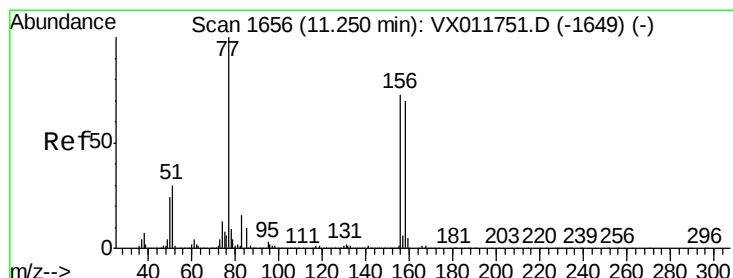
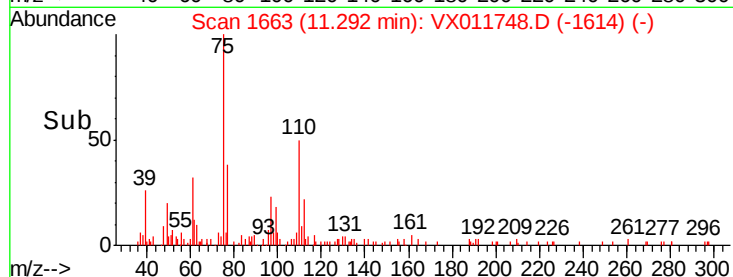
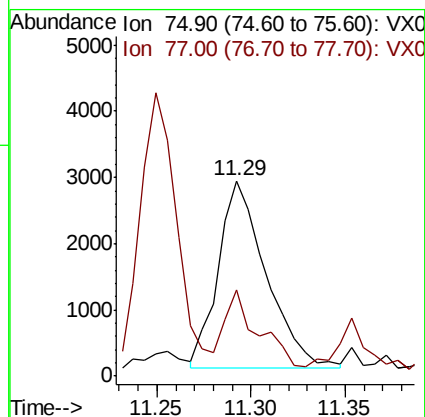
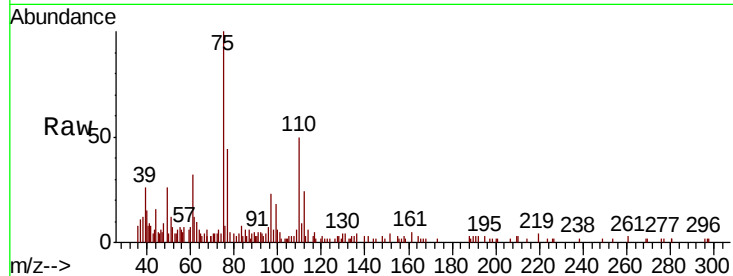
VSTDIC001

Tgt Ion: 75 Resp: 4956

Ion Ratio Lower Upper

75 100

77 34.9 21.1 63.3



#77

Bromobenzene

Concen: 1.003 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.01 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

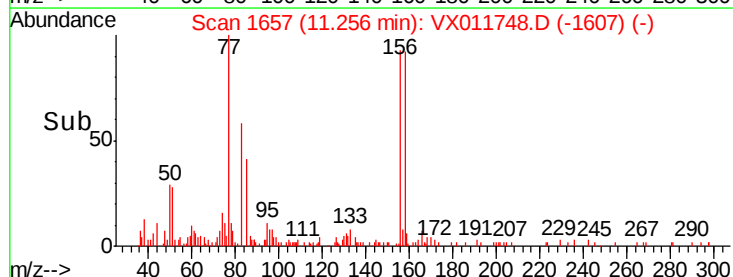
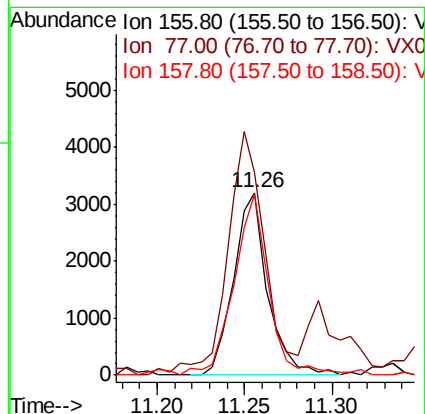
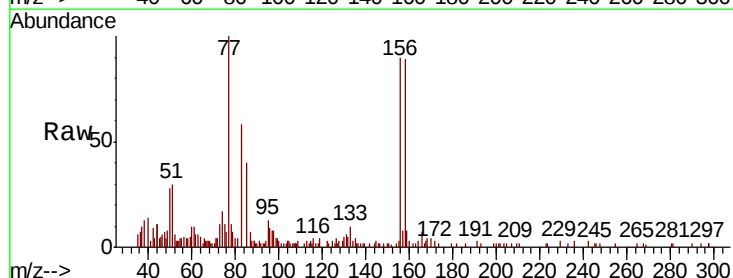
Tgt Ion: 156 Resp: 4321

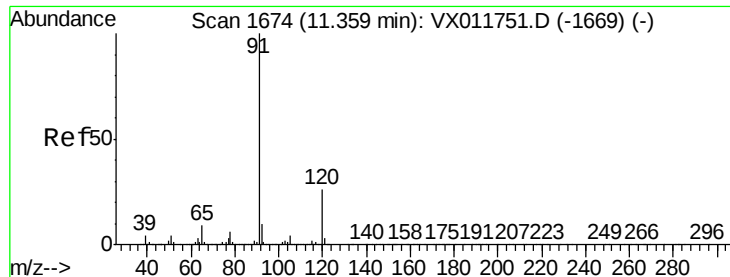
Ion Ratio Lower Upper

156 100

77 145.8 65.3 196.0

158 102.1 48.4 145.0

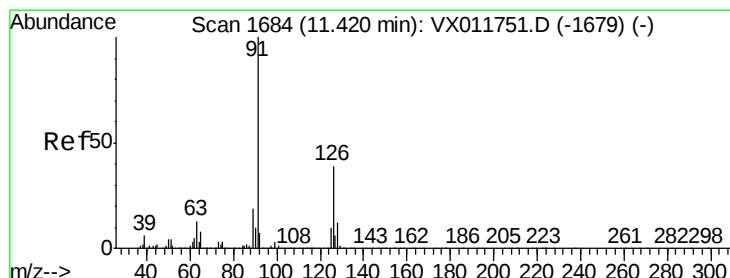
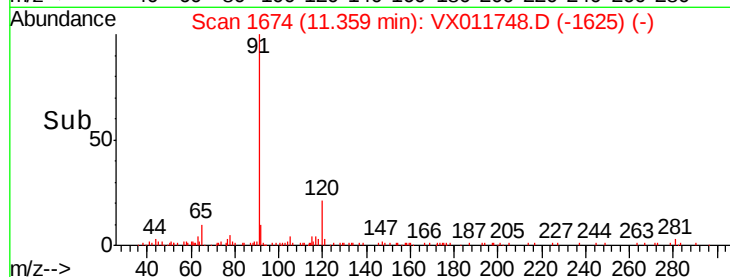
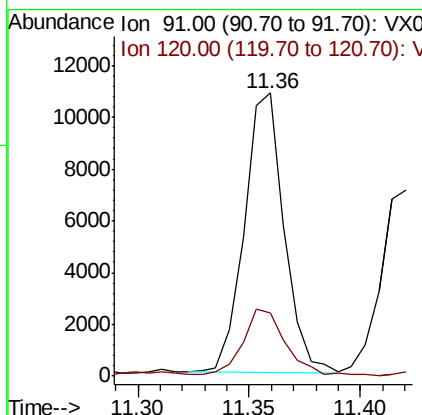
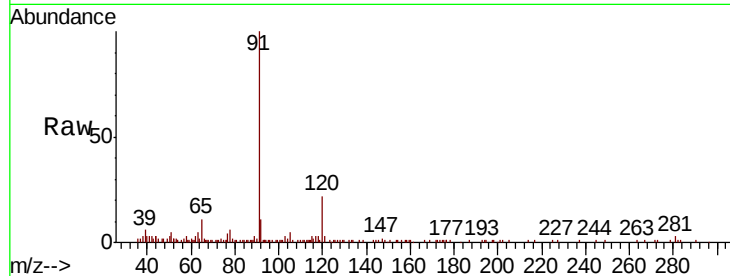




#78
n-propylbenzene
Concen: 0.855 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX011748.D
Acq: 22 Aug 2019 08:56

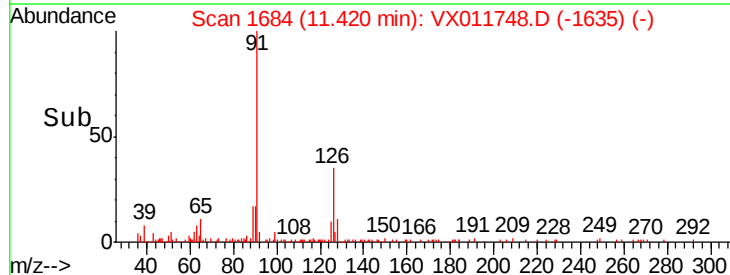
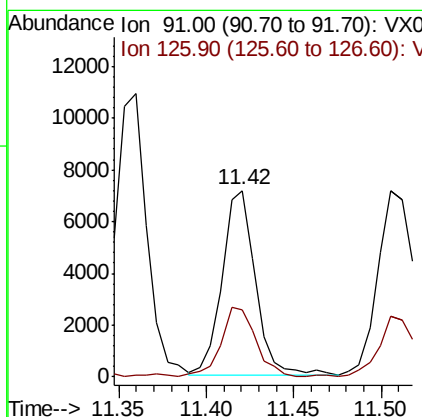
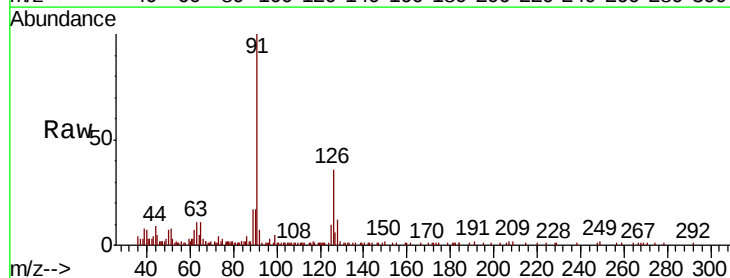
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

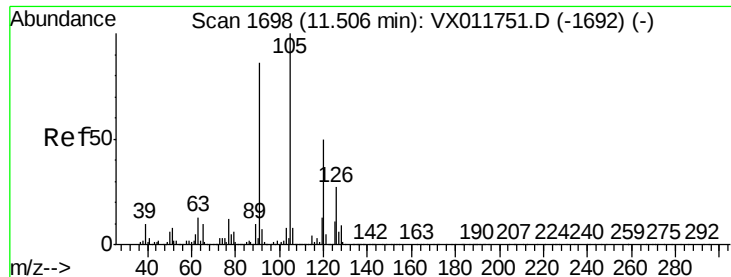
Tgt Ion: 91 Resp: 13421
Ion Ratio Lower Upper
91 100
120 26.6 12.7 38.1



#79
2-Chlorotoluene
Concen: 0.982 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX011748.D
Acq: 22 Aug 2019 08:56

Tgt Ion: 91 Resp: 9458
Ion Ratio Lower Upper
91 100
126 39.5 18.6 55.6





#80

1,3,5-Trimethylbenzene

Concen: 0.871 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

Instrument :

MSVOA_X

ClientSampleId :

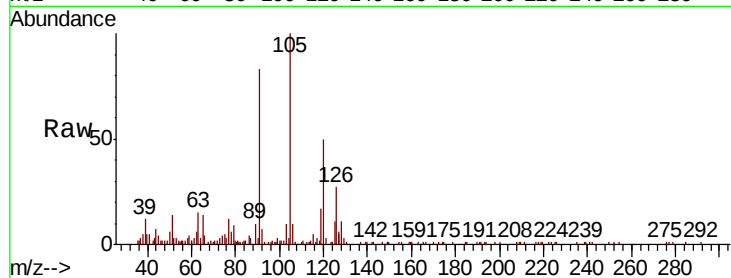
VSTDIC001

Tgt Ion: 105 Resp: 10658

Ion Ratio Lower Upper

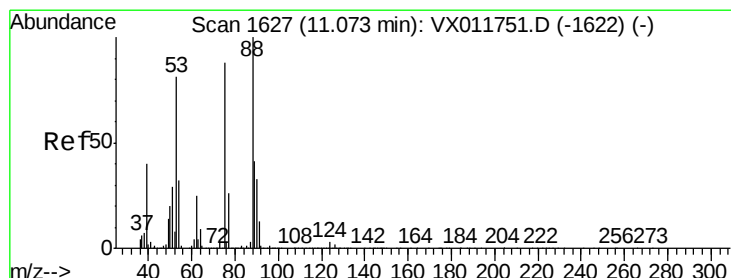
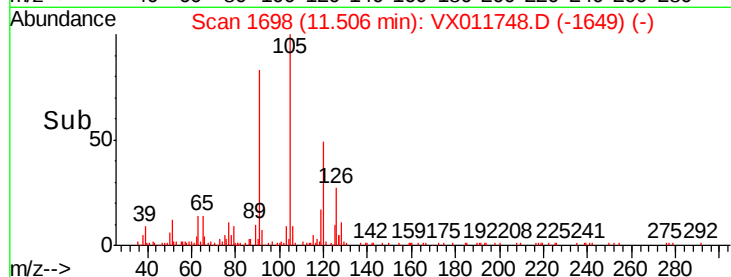
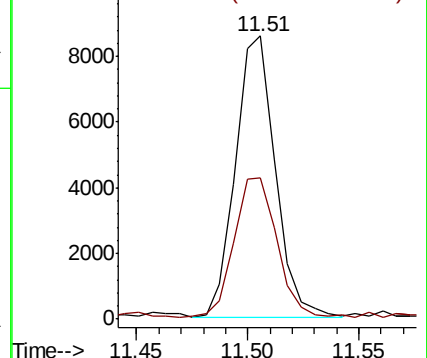
105 100

120 53.1 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 0.718 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

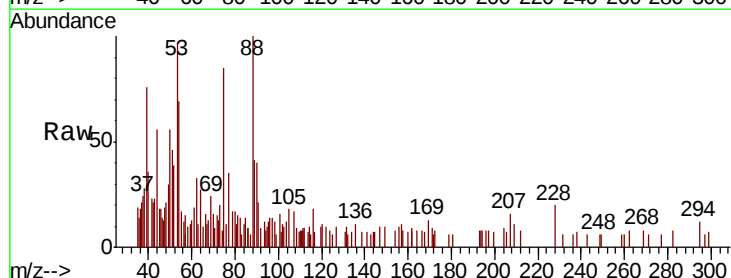
Tgt Ion: 75 Resp: 1024

Ion Ratio Lower Upper

75 100

53 144.5 77.1 115.7#

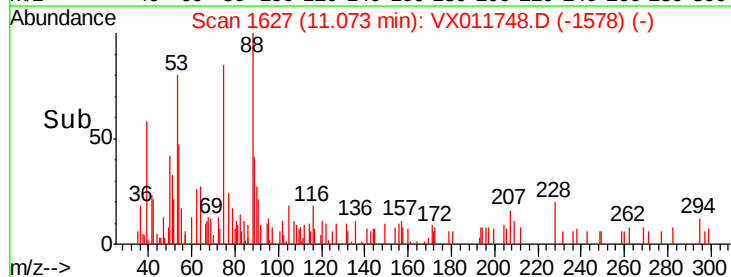
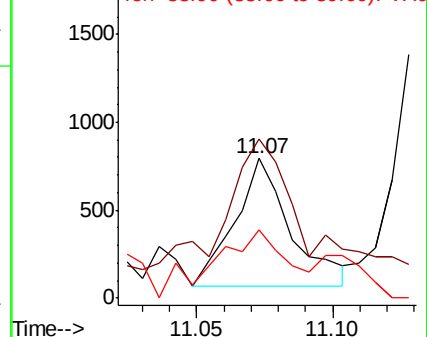
89 71.6 38.5 57.7#

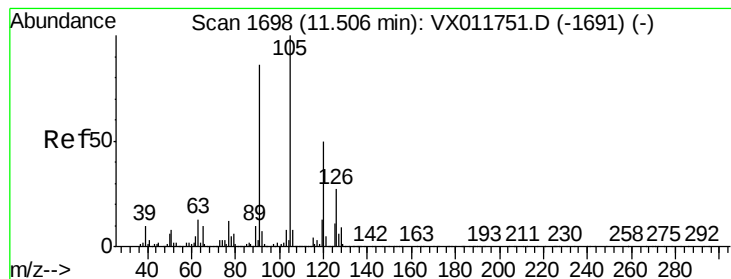


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 0.928 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

Instrument :

MSVOA_X

ClientSampleId :

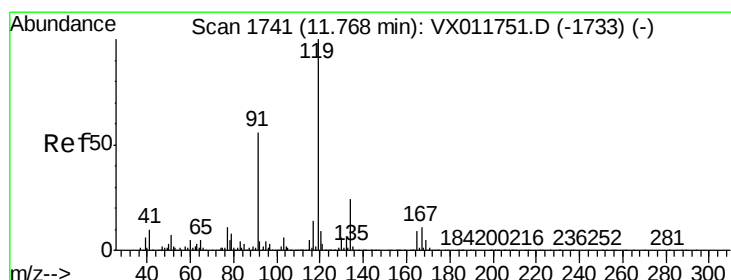
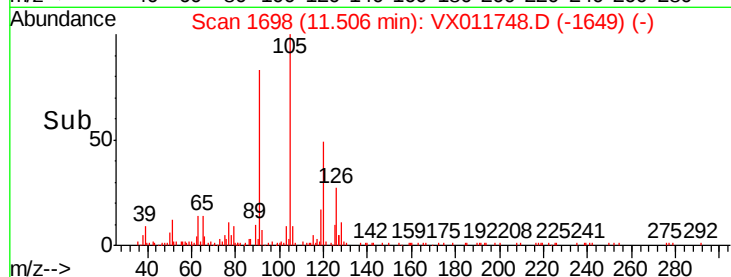
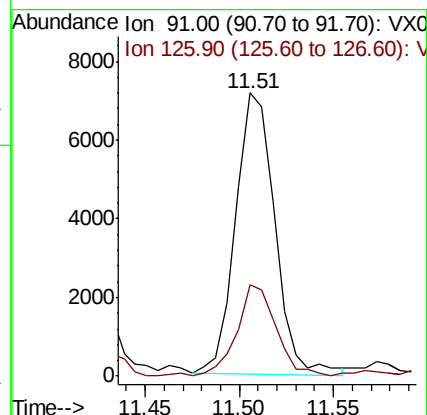
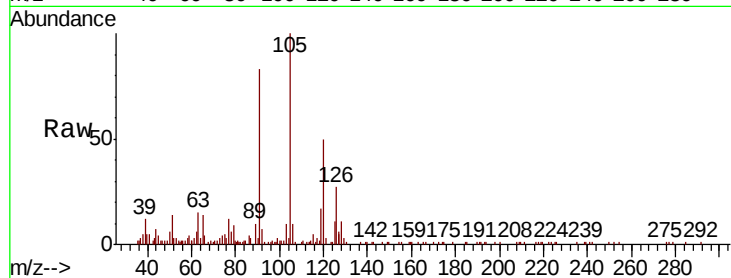
VSTDIC001

Tgt Ion: 91 Resp: 10378

Ion Ratio Lower Upper

91 100

126 32.8 16.2 48.6



#83

tert-Butylbenzene

Concen: 0.831 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

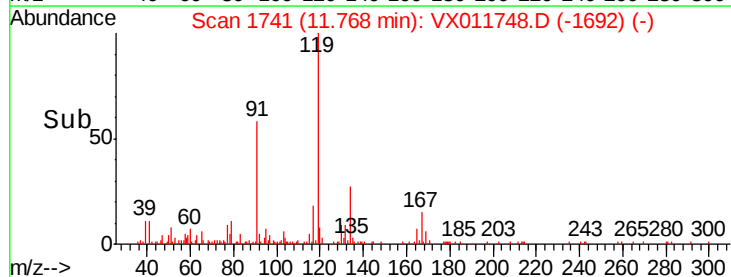
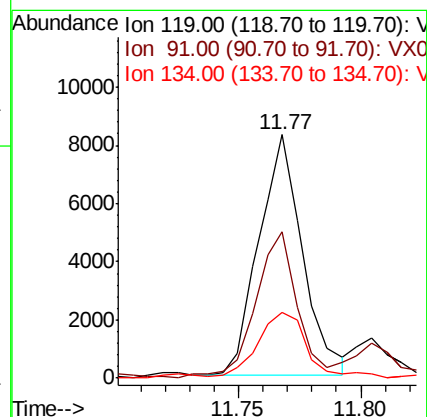
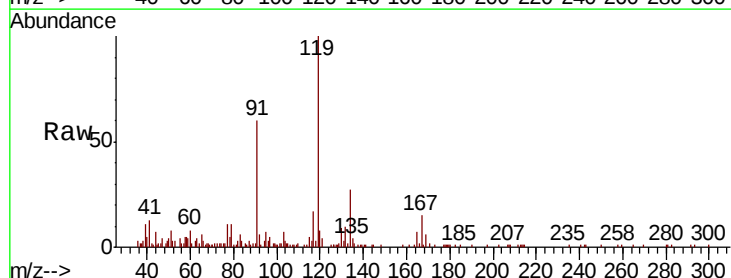
Tgt Ion: 119 Resp: 10319

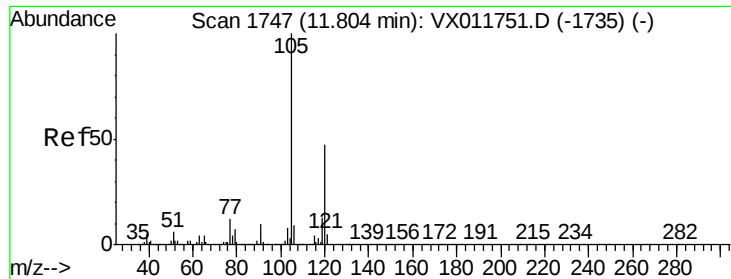
Ion Ratio Lower Upper

119 100

91 57.6 27.7 83.1

134 31.0 11.8 35.3





#84

1,2,4-Trimethylbenzene

Concen: 0.885 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

Instrument :

MSVOA_X

ClientSampleId :

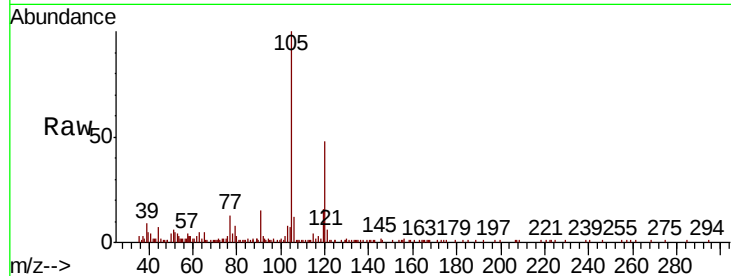
VSTDIC001

Tgt Ion:105 Resp: 10856

Ion Ratio Lower Upper

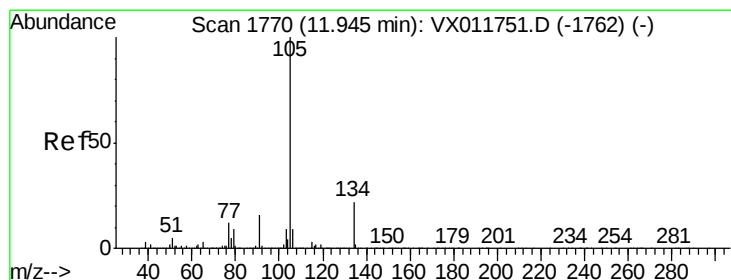
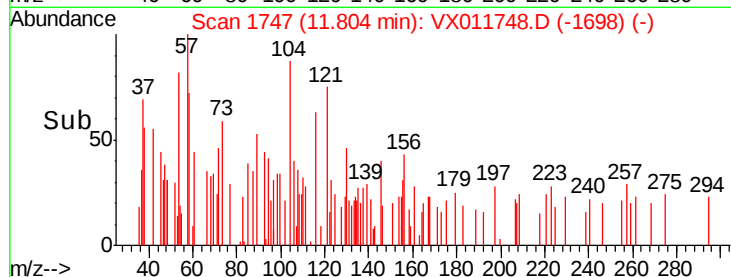
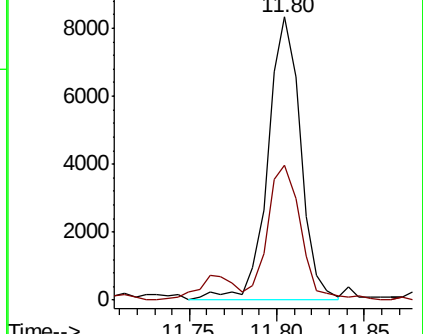
105 100

120 48.8 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 0.894 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011748.D

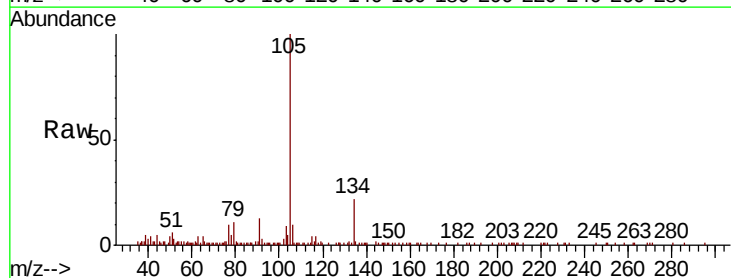
Acq: 22 Aug 2019 08:56

Tgt Ion:105 Resp: 12471

Ion Ratio Lower Upper

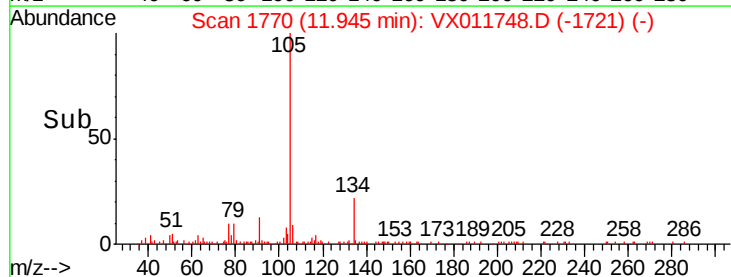
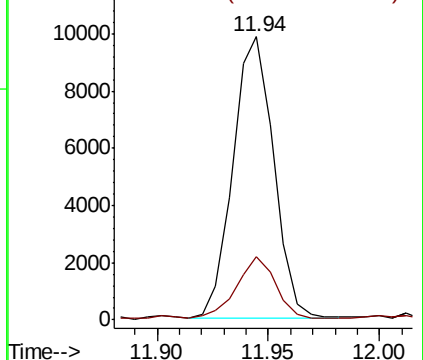
105 100

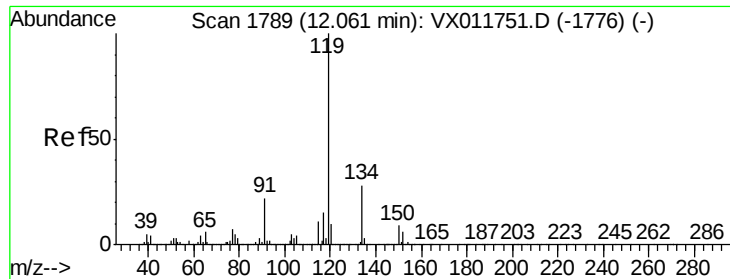
134 21.7 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

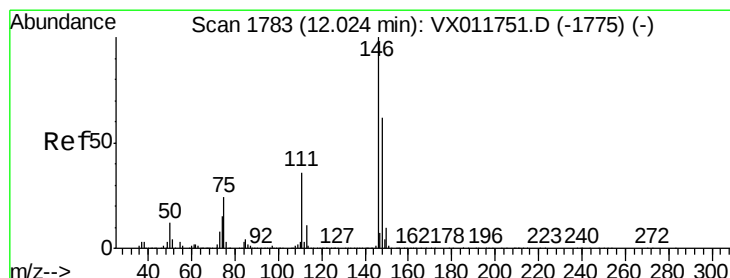
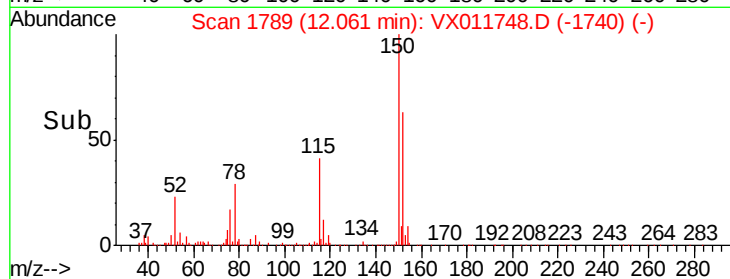
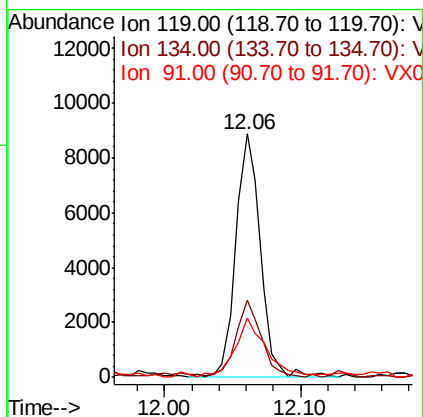
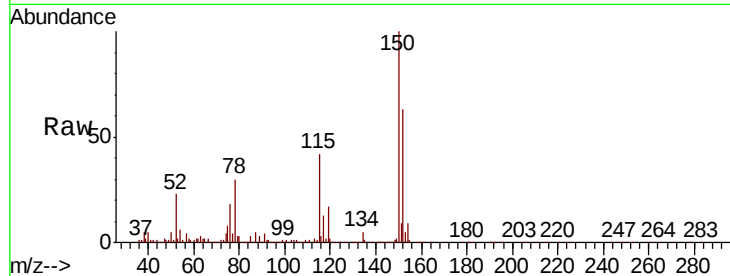




#86
p-Isopropyltoluene
Concen: 0.852 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX011748.D
Acq: 22 Aug 2019 08:56

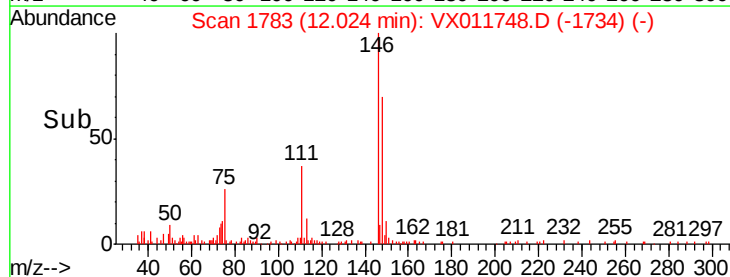
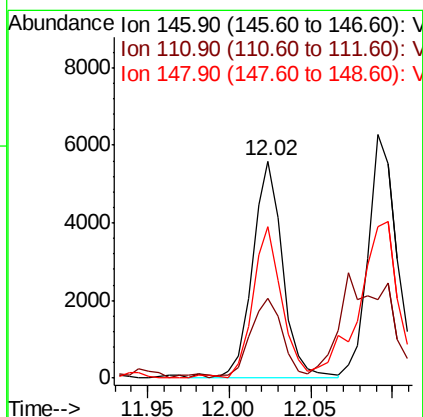
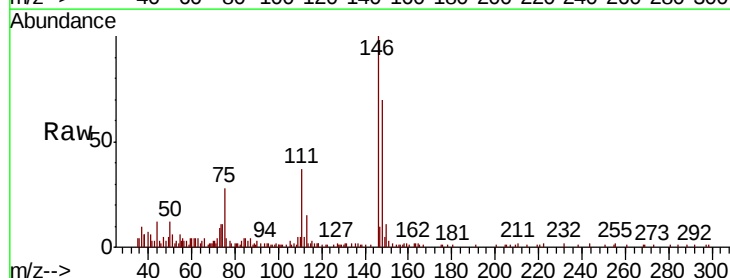
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

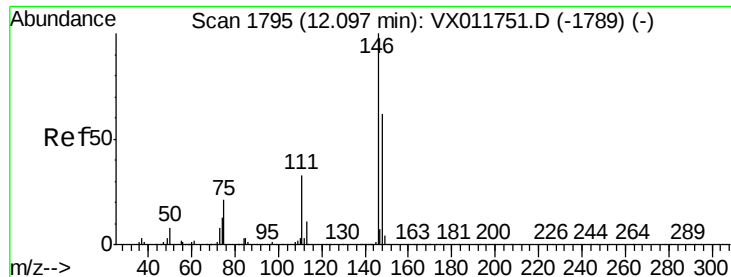
Tgt Ion	Ratio	Lower	Upper
119	100		
134	32.6	13.7	41.0
91	30.9	11.1	33.3



#87
1,3-Dichlorobenzene
Concen: 0.976 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX011748.D
Acq: 22 Aug 2019 08:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	18.1	54.4
148	67.0	31.6	94.7





#88

1,4-Dichlorobenzene

Concen: 0.964 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.07 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

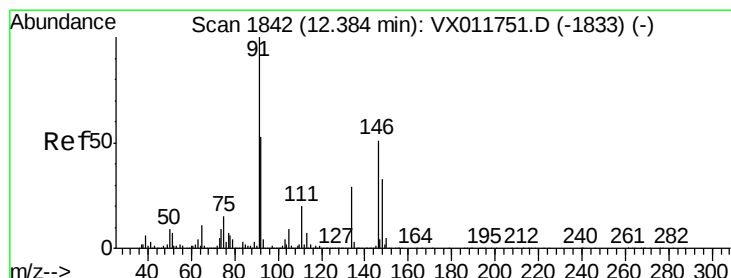
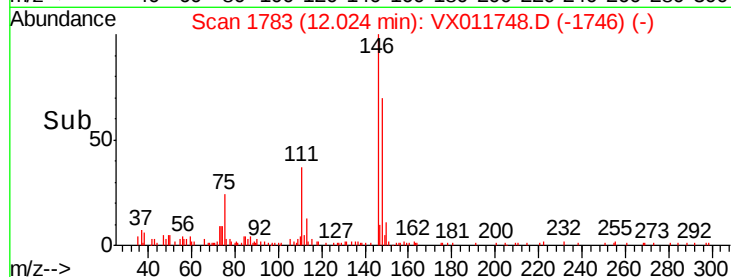
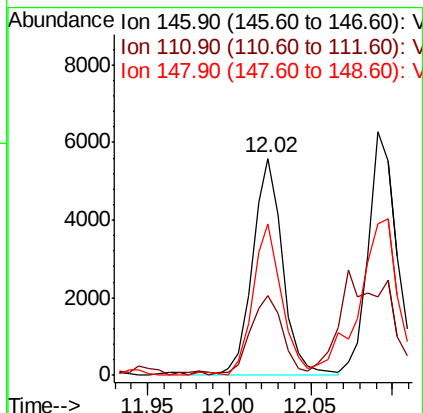
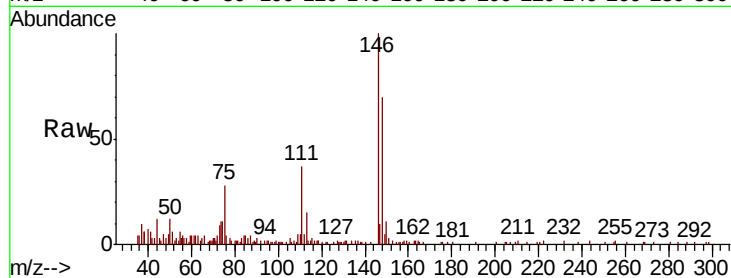
Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:	146	Resp:	7263
Ion	Ratio	Lower	Upper
146	100		
111	39.5	17.8	53.4
148	67.0	31.9	95.7



#89

n-Butylbenzene

Concen: 0.850 ug/l

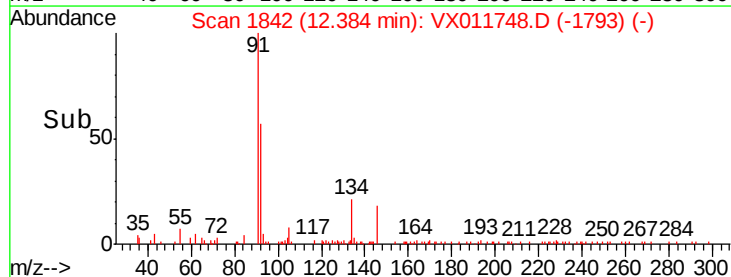
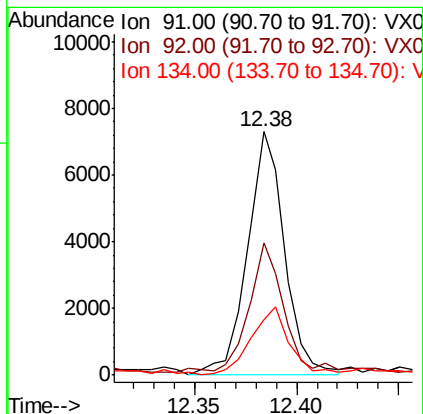
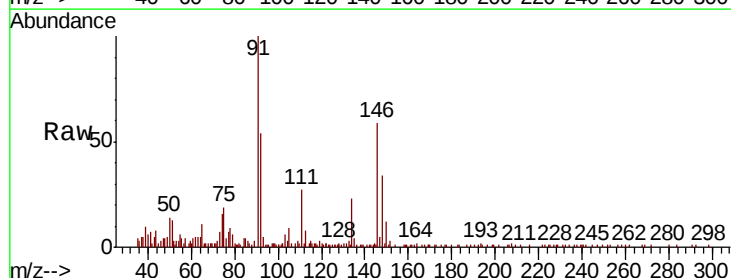
RT: 12.38 min Scan# 1842

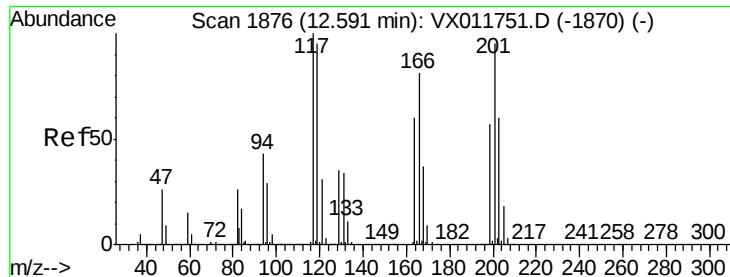
Delta R.T. 0.00 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

Tgt Ion:	91	Resp:	9236
Ion	Ratio	Lower	Upper
91	100		
92	50.9	26.7	80.0
134	29.1	14.6	43.8





#90

Hexachloroethane

Concen: 0.859 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. 0.00 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

Instrument :

MSVOA_X

ClientSampleId :

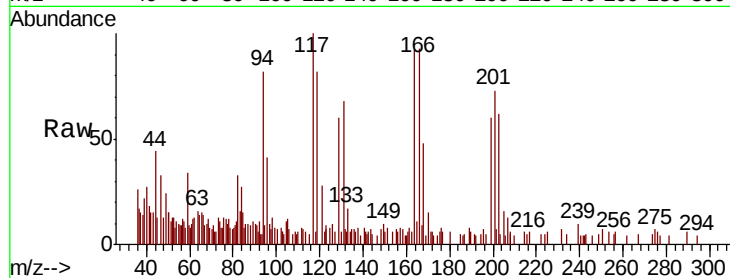
VSTDIC001

Tgt Ion:117 Resp: 1792

Ion Ratio Lower Upper

117 100

201 102.7 49.6 149.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.59

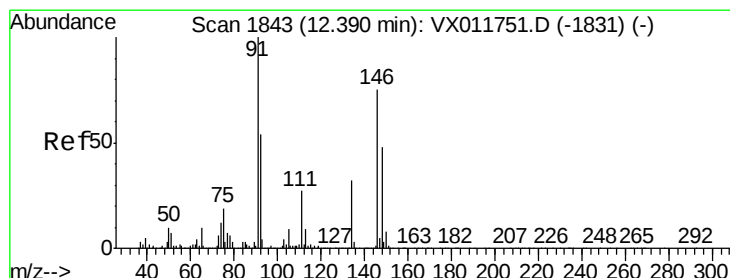
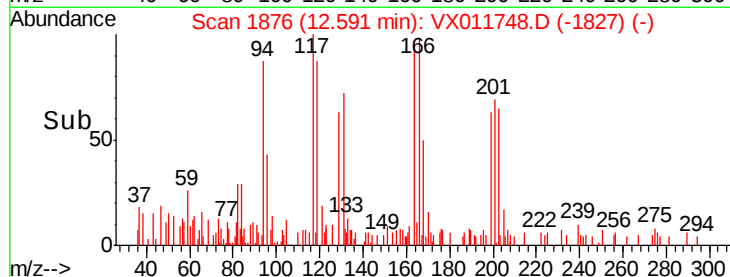
1500

1000

500

0

Time-->



#91

1,2-Dichlorobenzene

Concen: 0.982 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

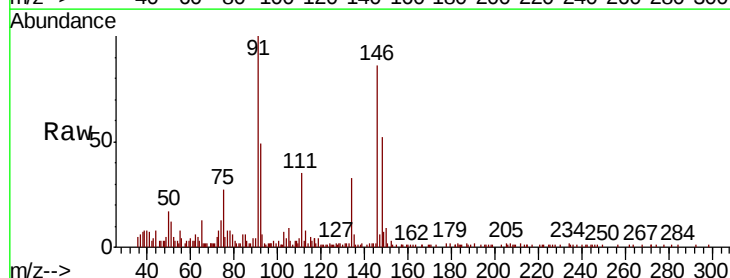
Tgt Ion:146 Resp: 7331

Ion Ratio Lower Upper

146 100

111 41.4 18.8 56.4

148 59.5 31.6 95.0



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

12.39

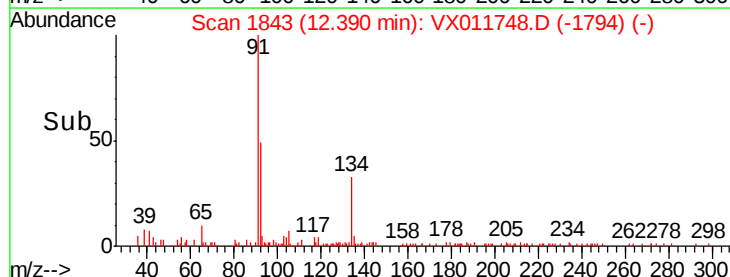
6000

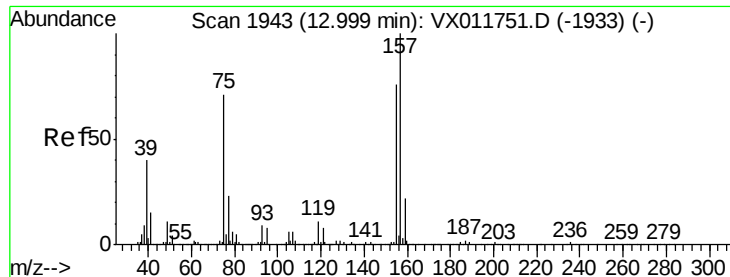
4000

2000

0

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.980 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

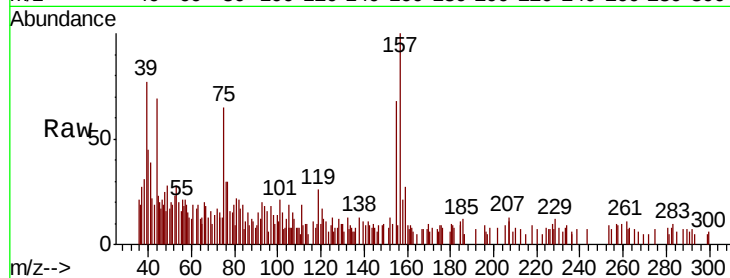
Tgt Ion: 75 Resp: 1121

Ion Ratio Lower Upper

75 100

155 93.9 52.6 157.9

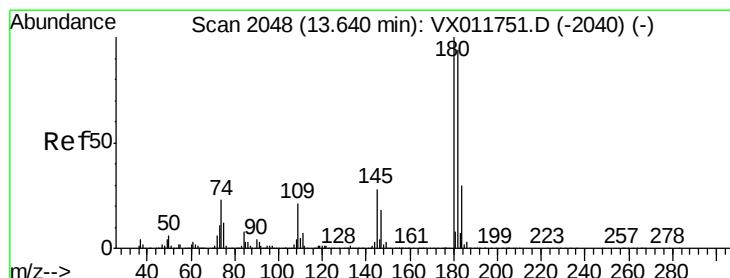
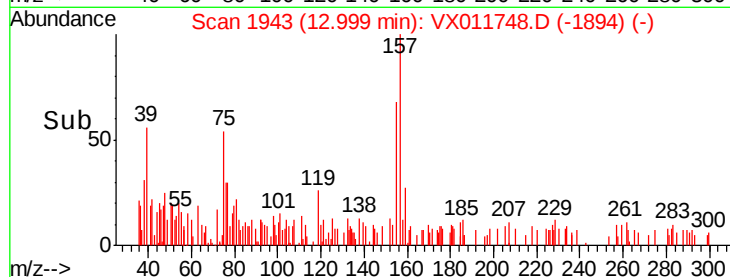
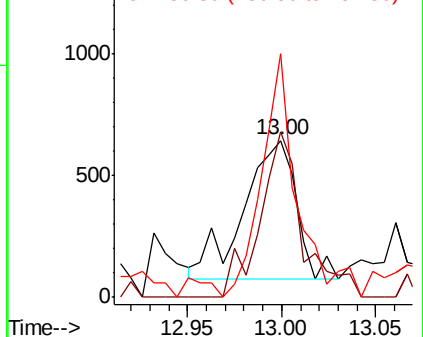
157 115.3 68.3 204.9



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: 0.871 ug/l

RT: 13.64 min Scan# 2048

Delta R.T. 0.00 min

Lab File: VX011748.D

Acq: 22 Aug 2019 08:56

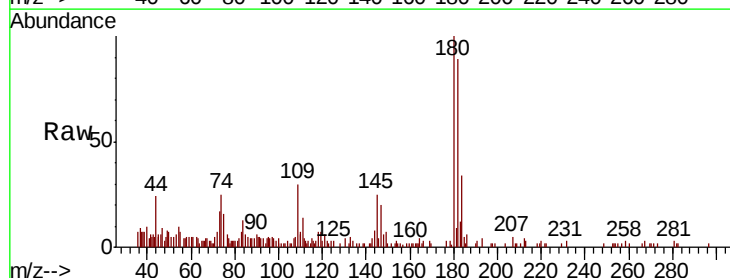
Tgt Ion: 180 Resp: 4842

Ion Ratio Lower Upper

180 100

182 90.3 47.8 143.4

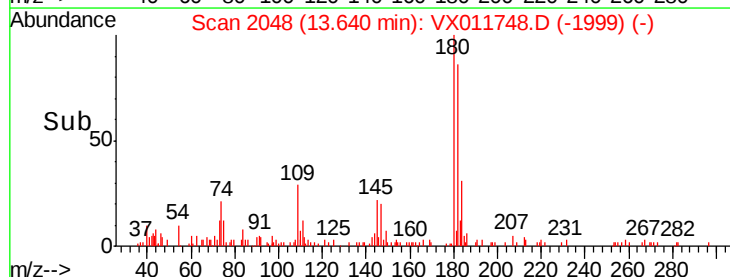
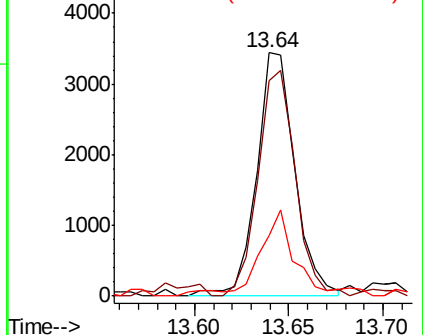
145 32.3 14.1 42.3

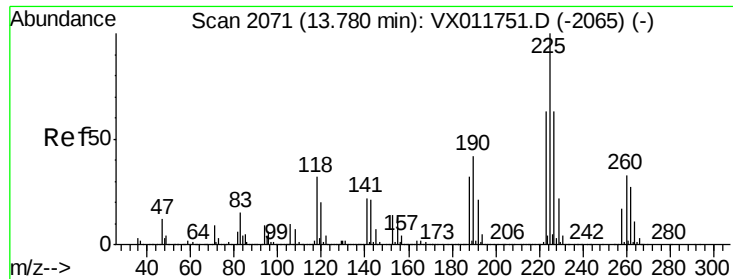


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

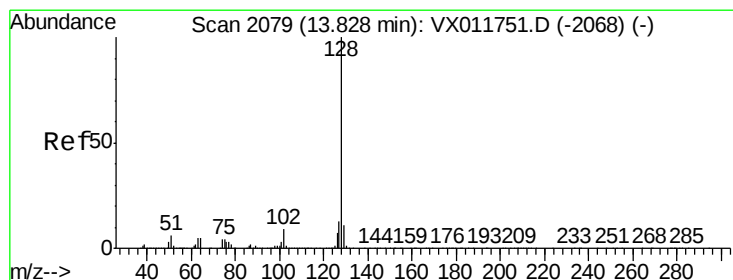
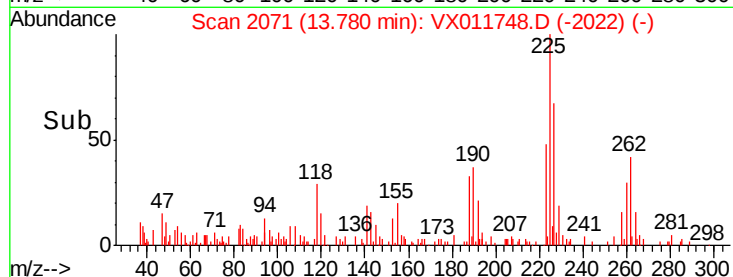
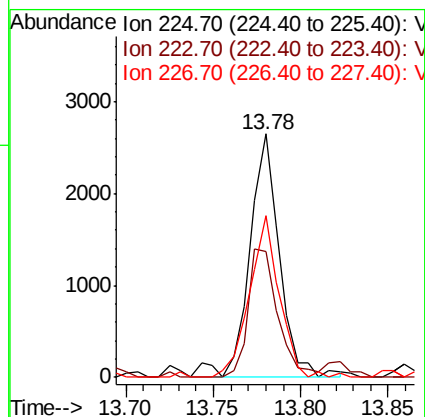
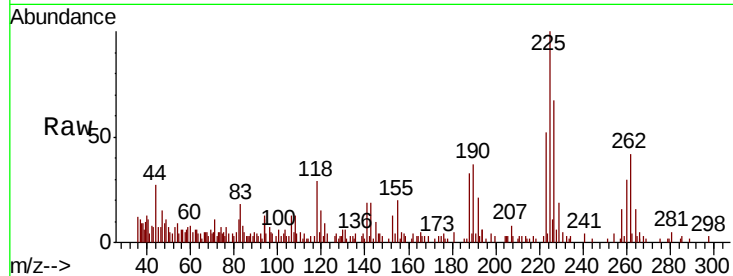




#94
Hexachlorobutadiene
Concen: 1.060 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VX011748.D
Acq: 22 Aug 2019 08:56

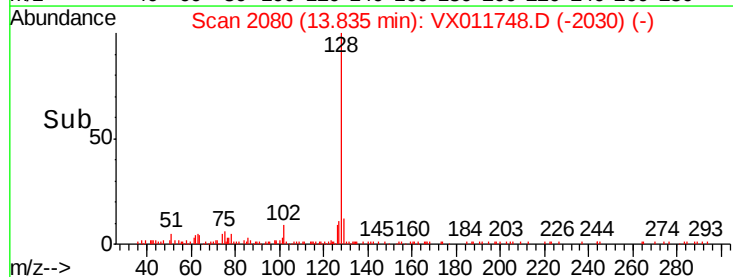
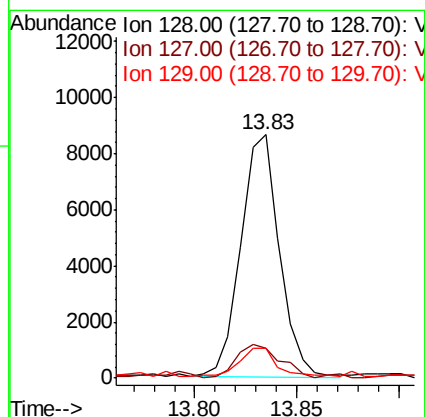
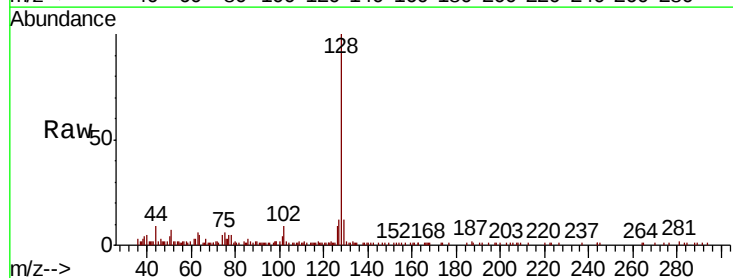
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

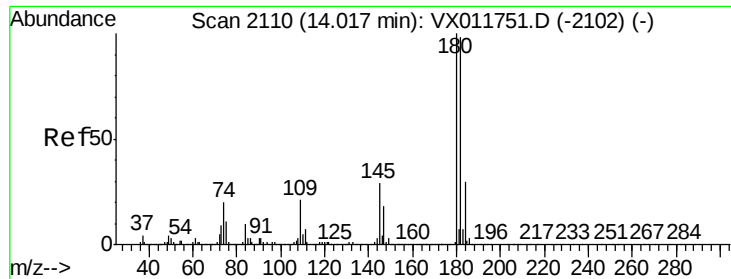
Tgt Ion:225 Resp: 3170
Ion Ratio Lower Upper
225 100
223 52.5 31.0 93.0
227 66.1 31.8 95.3



#95
Naphthalene
Concen: 0.733 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX011748.D
Acq: 22 Aug 2019 08:56

Tgt Ion:128 Resp: 11417
Ion Ratio Lower Upper
128 100
127 15.4 10.4 15.6
129 11.1 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.807 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX011748.D
 Acq: 22 Aug 2019 08:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion	Ratio	Lower	Upper
180	100		
182	105.0	48.5	145.5
145	40.1	14.6	43.8

