

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX022619\
 Data File : VX007711.D
 Acq On : 26 Feb 2019 14:04
 Operator : JC/SP
 Sample : VX0226WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBL01

Quant Time: Feb 26 14:24:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	342633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	588998	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	544403	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	243183	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	211909	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
35) Dibromofluoromethane	5.50	113	192222	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
50) Toluene-d8	8.71	98	705698	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	
62) 4-Bromofluorobenzene	11.13	95	245999	44.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.92%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	320	0.101 ug/l #	43
3) Chloromethane	1.34	50	822	0.235 ug/l #	67
4) Vinyl Chloride	1.40	62	259	0.072 ug/l #	1
5) Bromomethane	1.61	94	194	Below Cal #	3
6) Chloroethane	1.76	64	1142	0.498 ug/l #	43
7) Trichlorofluoromethane	1.95	101	705	0.128 ug/l #	26
8) Diethyl Ether	2.19	74	338	0.150 ug/l	61
9) 1,1,2-Trichlorotrifluoroet	2.39	101	283	0.085 ug/l #	35
10) Methyl Iodide	2.53	142	341	0.082 ug/l #	1
11) Tert butyl alcohol	3.06	59	480	0.596 ug/l #	1
12) 1,1-Dichloroethene	2.39	96	626	0.209 ug/l #	12
13) Acrolein	2.29	56	351	0.491 ug/l #	1
14) Allyl chloride	2.73	41	363	0.066 ug/l #	62
15) Acrylonitrile	3.15	53	1110	0.586 ug/l #	75
16) Acetone	2.45	43	823	0.436 ug/l #	1
17) Carbon Disulfide	2.57	76	2661	0.319 ug/l #	40
18) Methyl Acetate	2.79	43	1289	0.313 ug/l #	51
19) Methyl tert-butyl Ether	3.18	73	257	0.025 ug/l #	67
20) Methylene Chloride	2.85	84	812	0.233 ug/l #	38
21) trans-1,2-Dichloroethene	3.18	96	847	0.260 ug/l #	41
22) Diisopropyl ether	3.85	45	265	0.023 ug/l #	44
23) Vinyl Acetate	3.82	43	571	0.056 ug/l #	83
24) 1,1-Dichloroethane	3.67	63	78	0.012 ug/l #	94
25) 2-Butanone	4.71	43	876	0.305 ug/l #	80
26) 2,2-Dichloropropane	4.43	77	370	0.074 ug/l	84
27) cis-1,2-Dichloroethene	4.60	96	422	0.102 ug/l	72
28) Bromochloromethane	5.01	49	310	0.102 ug/l #	5
29) Tetrahydrofuran	5.38	42	440	0.232 ug/l	90
30) Chloroform	5.20	83	331	0.049 ug/l	99
31) Cyclohexane	5.59	56	568	0.096 ug/l #	21
32) 1,1,1-Trichloroethane	5.49	97	70	0.013 ug/l #	1
36) 1,1-Dichloropropene	5.67	75	23325	4.405 ug/l #	49
37) Ethyl Acetate	4.87	43	472	0.080 ug/l #	68
38) Carbon Tetrachloride	5.67	117	33450	6.289 ug/l #	19

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.43	83	442	0.066	ug/l #	64
40) Benzene	6.13	78	350	0.021	ug/l #	51
41) Methacrylonitrile	5.07	41	214	0.068	ug/l #	1
42) 1,2-Dichloroethane	6.17	62	564	0.103	ug/l	92
43) Isopropyl Acetate	6.47	43	319	0.035	ug/l #	22
44) Trichloroethene	7.21	130	267	0.059	ug/l	90
45) 1,2-Dichloropropane	7.52	63	203	0.048	ug/l #	81
46) Dibromomethane	7.65	93	223	0.075	ug/l #	28
47) Bromodichloromethane	7.90	83	249	0.049	ug/l #	18
48) Methyl methacrylate	7.79	41	163	0.034	ug/l #	12
49) 1,4-Dioxane	7.74	88	129	1.259	ug/l #	1
51) 4-Methyl-2-Pentanone	8.65	43	1103	0.182	ug/l	93
52) Toluene	8.77	92	675	0.065	ug/l	88
53) t-1,3-Dichloropropene	9.05	75	526	2.881	ug/l	93
54) cis-1,3-Dichloropropene	8.45	75	473	0.076	ug/l #	46
55) 1,1,2-Trichloroethane	9.20	97	134	0.031	ug/l #	59
56) Ethyl methacrylate	9.18	69	102	0.017	ug/l #	1
57) 1,3-Dichloropropane	9.56	76	160	0.023	ug/l	91
58) 2-Chloroethyl Vinyl ether	8.37	63	197	0.058	ug/l	91
59) 2-Hexanone	9.51	43	833	0.175	ug/l	72
60) Dibromochloromethane	9.59	129	262	0.063	ug/l	99
61) 1,2-Dibromoethane	9.62	107	166	0.037	ug/l	89
64) Tetrachloroethene	9.34	164	454	0.103	ug/l #	68
65) Chlorobenzene	10.13	112	1003	0.085	ug/l #	86
66) 1,1,1,2-Tetrachloroethane	10.20	131	38	0.009	ug/l #	1
67) Ethyl Benzene	10.25	91	1136	0.058	ug/l #	25
68) m/p-Xylenes	10.36	106	974	0.128	ug/l #	58
69) o-Xylene	10.69	106	481	0.066	ug/l	67
70) Styrene	10.72	104	701	0.058	ug/l	94
71) Bromoform	10.85	173	106	0.034	ug/l #	29
73) Isopropylbenzene	11.01	105	906	0.052	ug/l	93
74) N-amyl acetate	10.91	43	276	0.037	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.07	83	375	0.062	ug/l	79
76) 1,2,3-Trichloropropane	11.13	75	119386	23.032	ug/l #	33
77) Bromobenzene	11.26	156	470	0.108	ug/l	58
78) n-propylbenzene	11.42	91	1007	0.051	ug/l	85
79) 2-Chlorotoluene	11.42	91	1007	0.085	ug/l	88
80) 1,3,5-Trimethylbenzene	11.50	105	937	0.066	ug/l	92
81) trans-1,4-Dichloro-2-buten	11.13	75	119386	61.013	ug/l #	9
82) 4-Chlorotoluene	11.51	91	1478	0.107	ug/l	90
83) tert-Butylbenzene	11.77	119	935	0.068	ug/l	73
84) 1,2,4-Trimethylbenzene	11.81	105	978	0.067	ug/l	92
85) sec-Butylbenzene	11.94	105	1071	0.062	ug/l	91
86) p-Isopropyltoluene	12.06	119	866	0.057	ug/l #	1
87) 1,3-Dichlorobenzene	12.03	146	1158	0.143	ug/l	96
88) 1,4-Dichlorobenzene	12.03	146	1158	0.140	ug/l	96
89) n-Butylbenzene	12.40	91	1093	0.081	ug/l	84
90) Hexachloroethane	12.59	117	87	0.034	ug/l	83
91) 1,2-Dichlorobenzene	12.40	146	767	0.095	ug/l	71
92) 1,2-Dibromo-3-Chloropropan	12.99	75	317	0.242	ug/l #	40

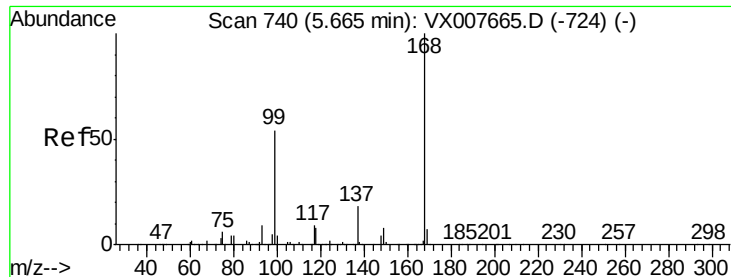
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX022619\
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Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	839	0.170	ug/l	94
94) Hexachlorobutadiene	13.79	225	193	0.085	ug/l #	69
95) Naphthalene	13.83	128	3516	0.220	ug/l	96
96) 1,2,3-Trichlorobenzene	14.02	180	917	0.185	ug/l #	78

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

Instrument :

MSVOA_X

ClientSampled :

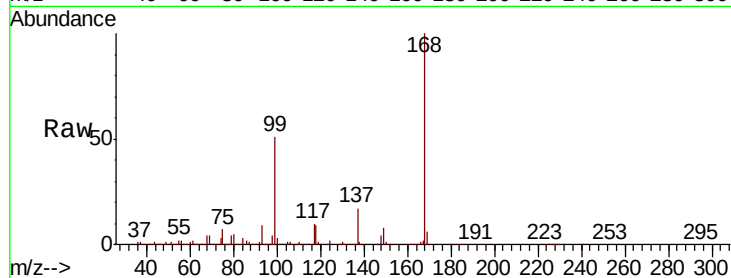
VX0226WBL01

Tgt Ion:168 Resp: 342633

Ion Ratio Lower Upper

168 100

99 50.8 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.67

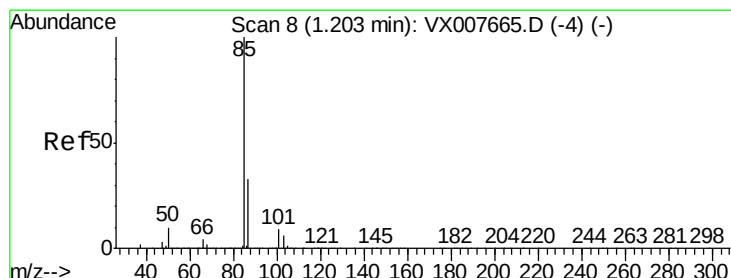
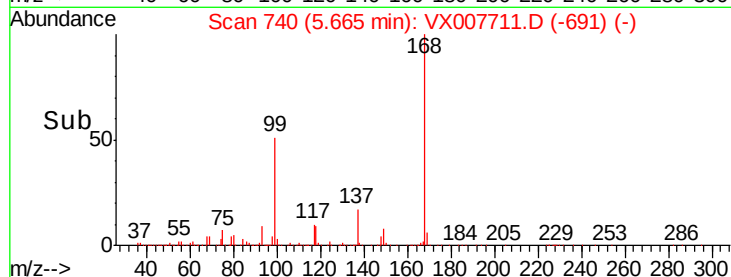
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.101 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.00 min

Lab File: VX007711.D

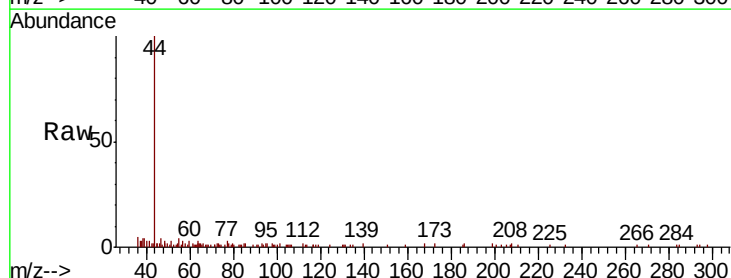
Acq: 26 Feb 2019 14:04

Tgt Ion: 85 Resp: 320

Ion Ratio Lower Upper

85 100

87 0.0 15.8 47.4#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

300

250

200

150

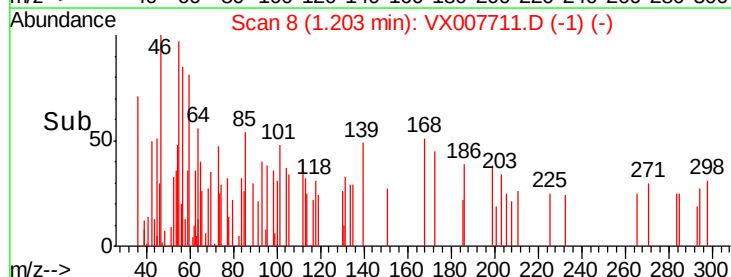
100

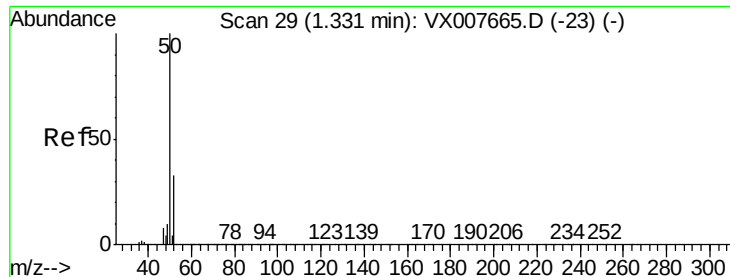
50

0

Time-->

1.18 1.20 1.22





#3

Chloromethane

Concen: 0.235 ug/l

RT: 1.34 min Scan# 30

Delta R.T. 0.01 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

Instrument :

MSVOA_X

ClientSampleId :

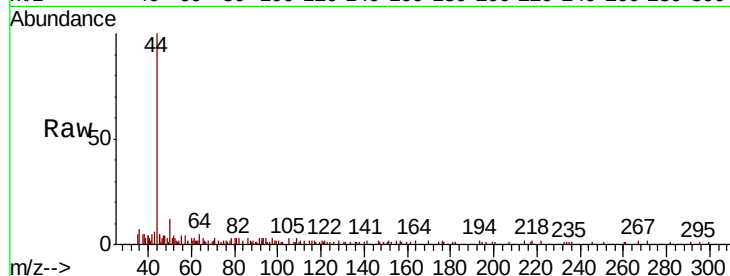
VX0226WBL01

Tgt Ion: 50 Resp: 822

Ion Ratio Lower Upper

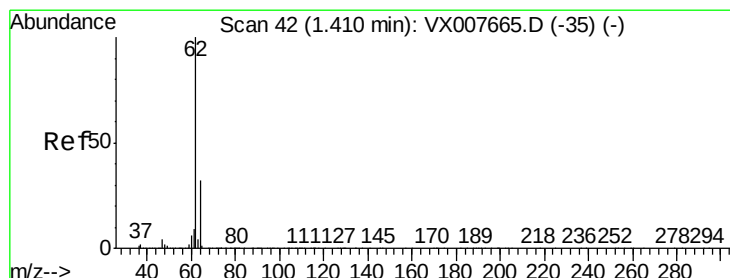
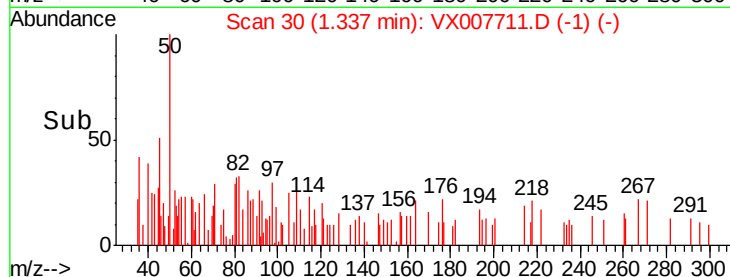
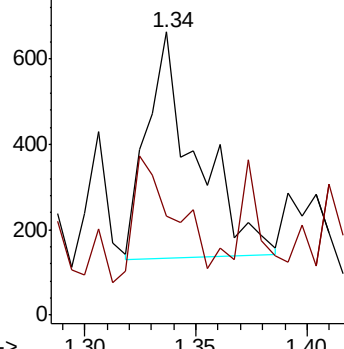
50 100

52 51.1 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 0.072 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX007711.D

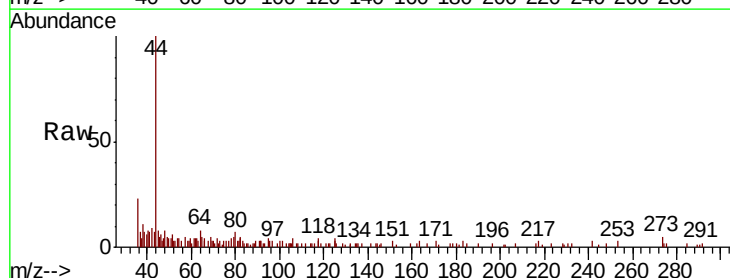
Acq: 26 Feb 2019 14:04

Tgt Ion: 62 Resp: 259

Ion Ratio Lower Upper

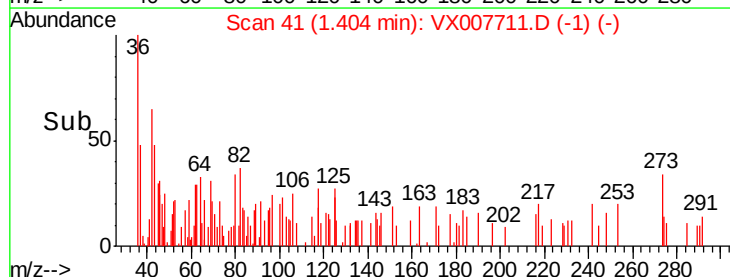
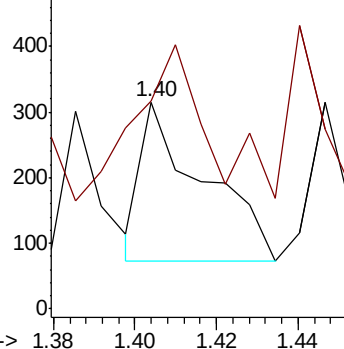
62 100

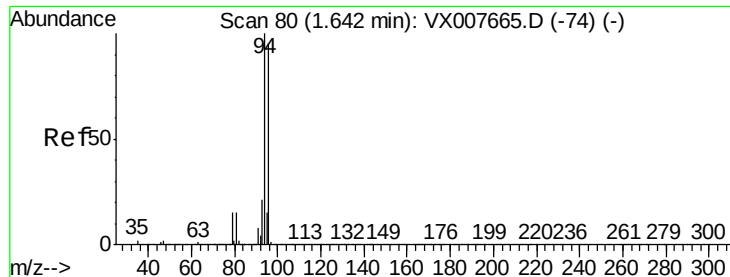
64 140.9 25.4 38.0#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.61 min Scan# 75

Delta R.T. -0.03 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

Instrument :

MSVOA_X

ClientSampleId :

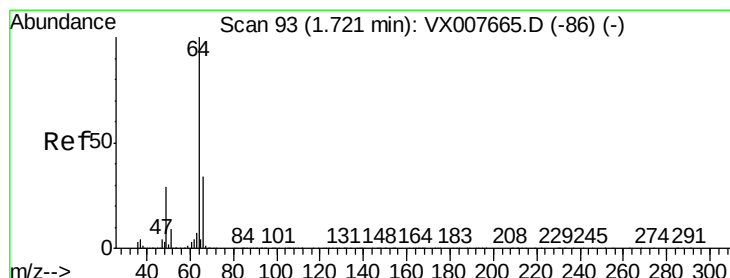
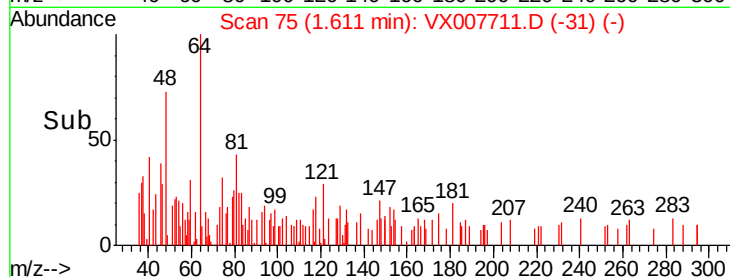
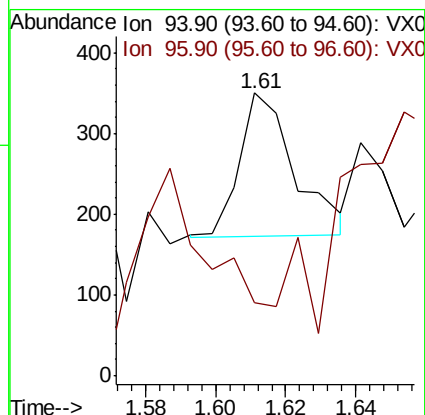
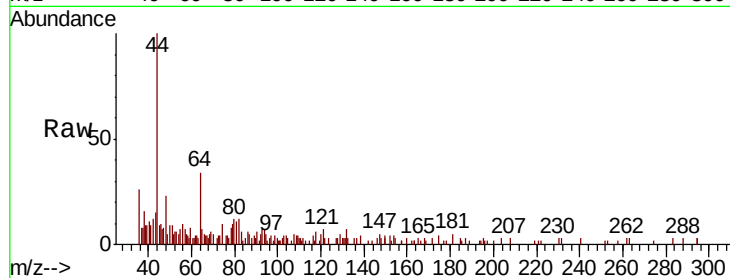
VX0226WBL01

Tgt Ion: 94 Resp: 194

Ion Ratio Lower Upper

94 100

96 0.0 73.9 110.9#



#6

Chloroethane

Concen: 0.498 ug/l

RT: 1.76 min Scan# 100

Delta R.T. 0.04 min

Lab File: VX007711.D

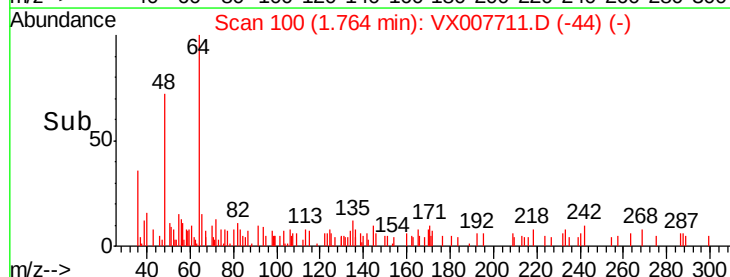
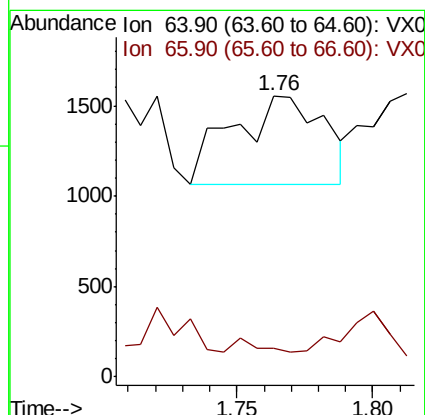
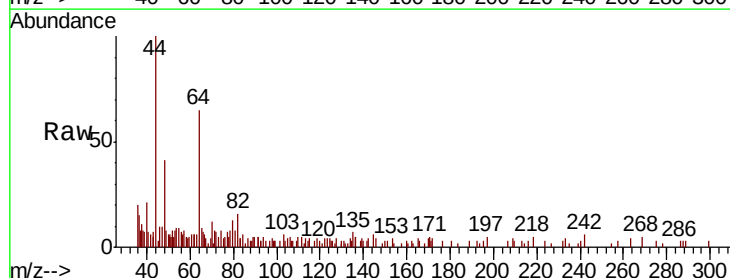
Acq: 26 Feb 2019 14:04

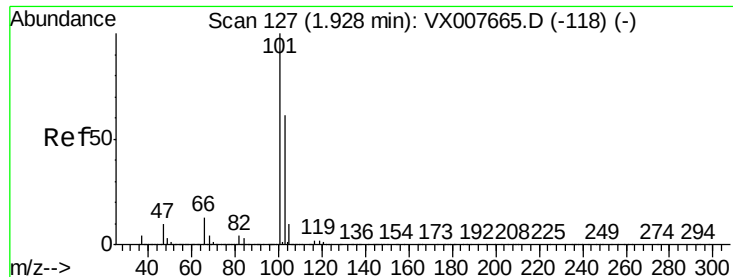
Tgt Ion: 64 Resp: 1142

Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#



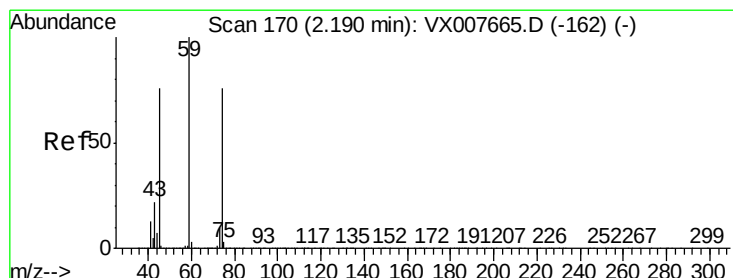
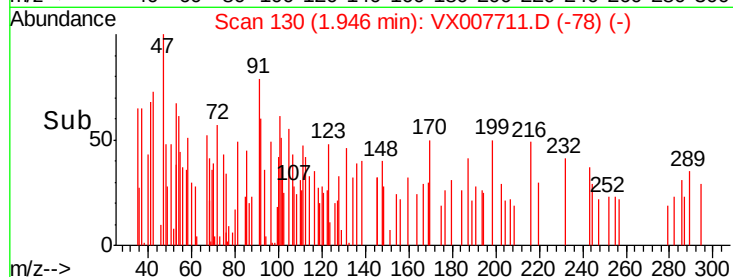
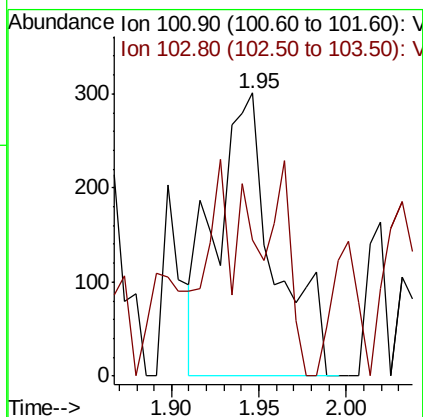
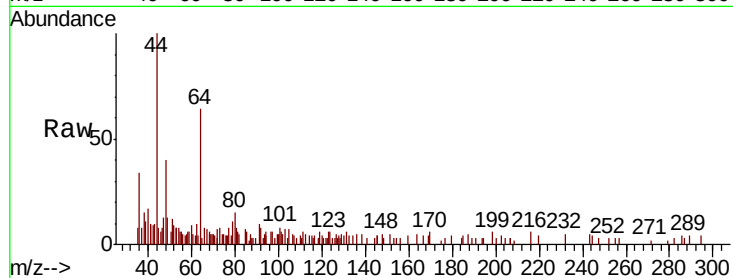


#7

Trichlorofluoromethane
 Concen: 0.128 ug/l
 RT: 1.95 min Scan# 130
 Delta R.T. 0.02 min
 Lab File: VX007711.D
 Acq: 26 Feb 2019 14:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBL01

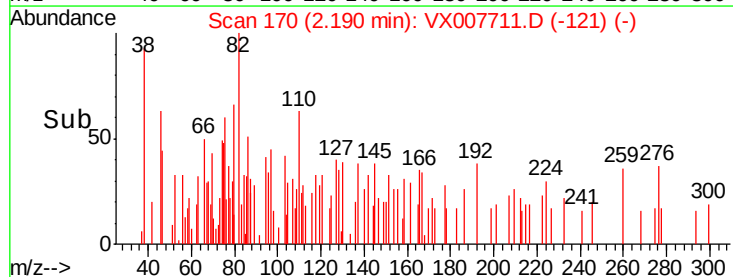
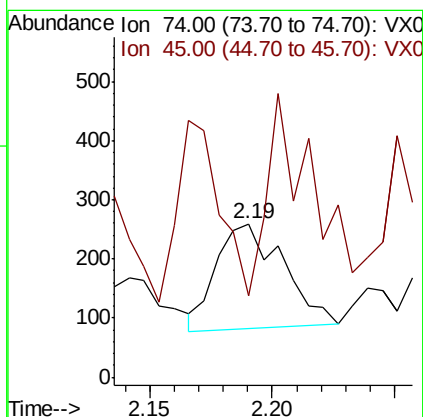
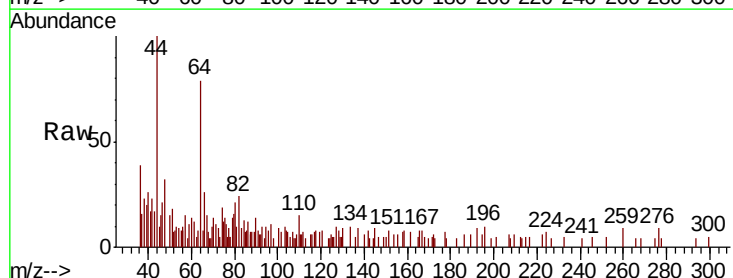
Tgt Ion: 101 Resp: 705
 Ion Ratio Lower Upper
 101 100
 103 7.3 52.6 79.0#

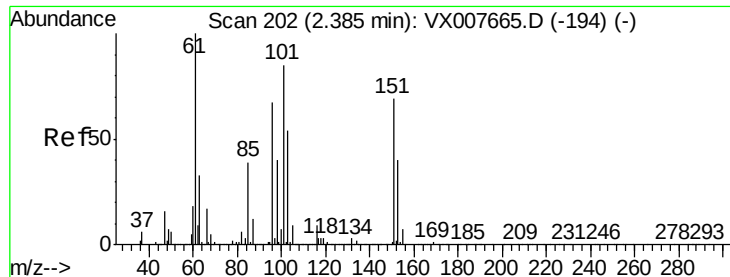


#8

Diethyl Ether
 Concen: 0.150 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX007711.D
 Acq: 26 Feb 2019 14:04

Tgt Ion: 74 Resp: 338
 Ion Ratio Lower Upper
 74 100
 45 128.4 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.085 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

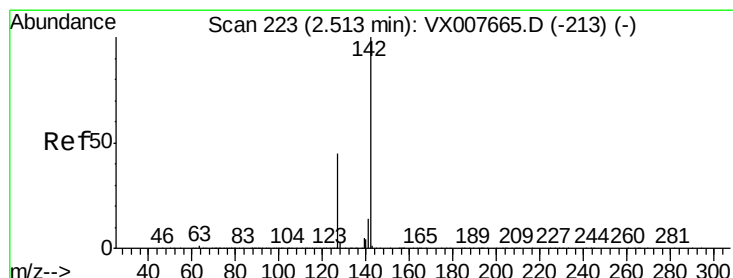
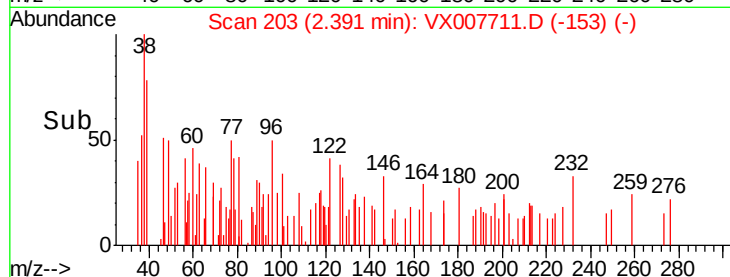
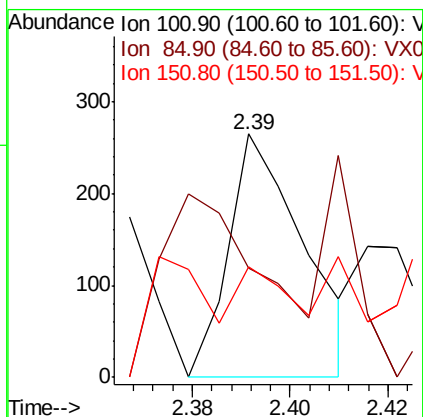
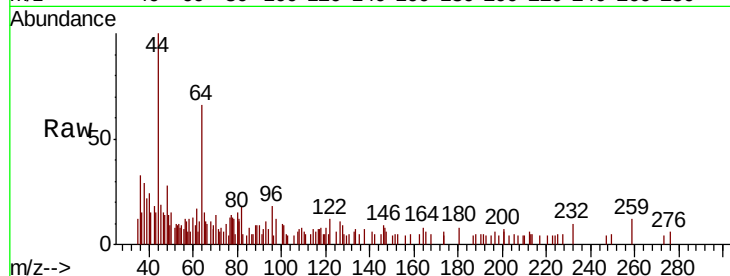
Instrument :

MSVOA_X

ClientSampleId :

VX0226WBL01

Tgt Ion:	101	Resp:	283
Ion Ratio	Lower	Upper	
101	100		
85	102.1	34.1	51.1#
151	39.9	69.9	104.9#



#10

Methyl Iodide

Concen: 0.082 ug/l

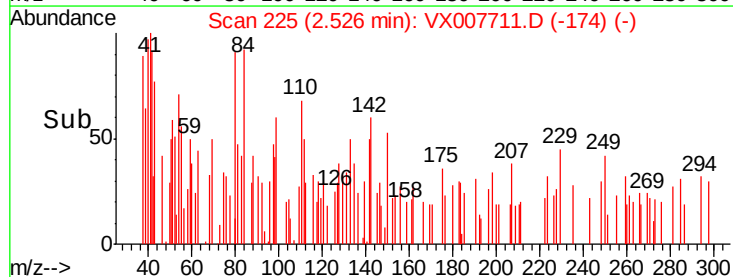
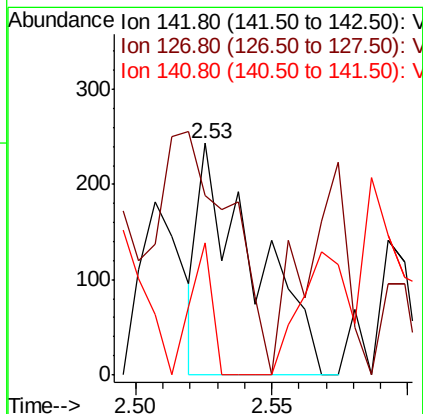
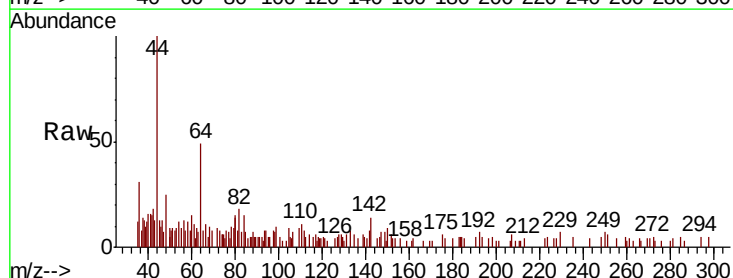
RT: 2.53 min Scan# 225

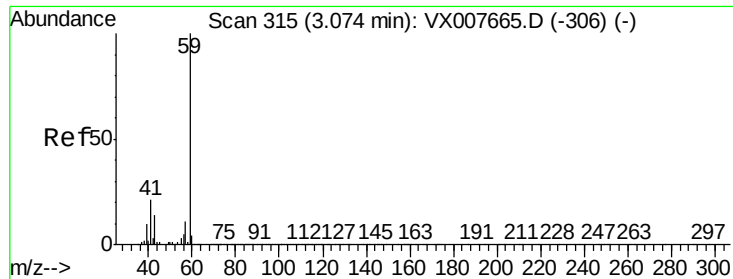
Delta R.T. 0.01 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

Tgt Ion:	142	Resp:	341
Ion Ratio	Lower	Upper	
142	100		
127	136.4	33.7	50.5#
141	22.6	11.3	16.9#

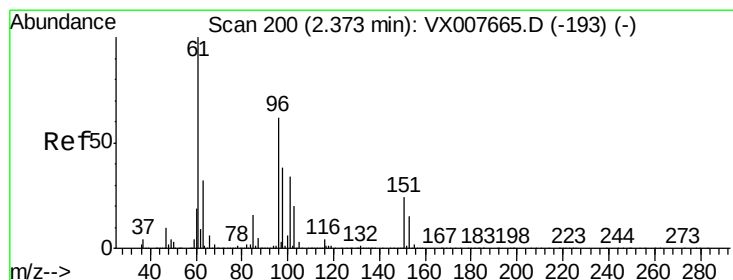
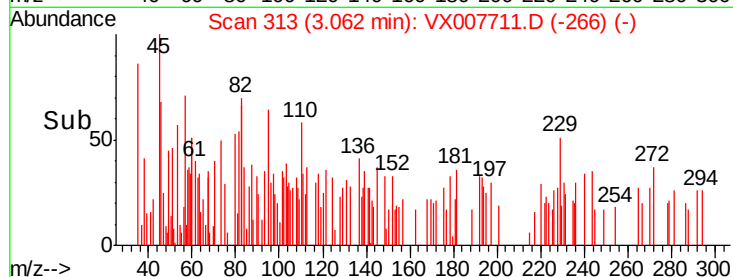
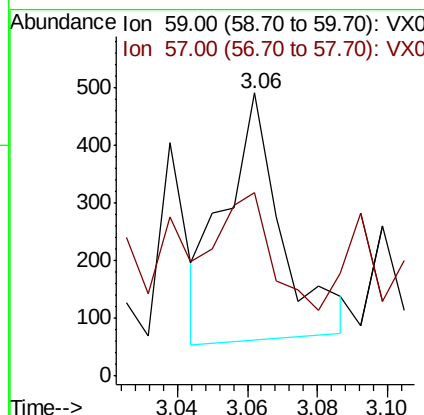
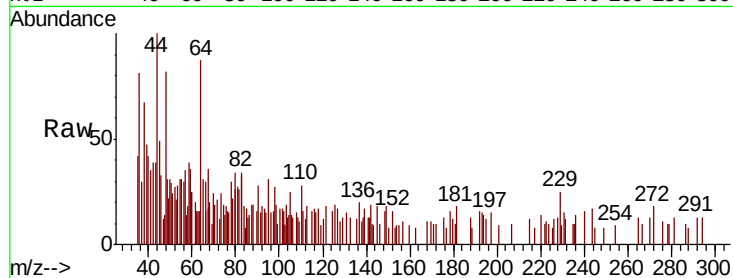




#11
Tert butyl alcohol
Concen: 0.596 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX007711.D
Acq: 26 Feb 2019 14:04

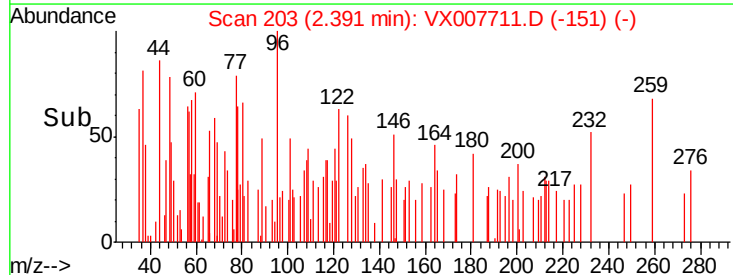
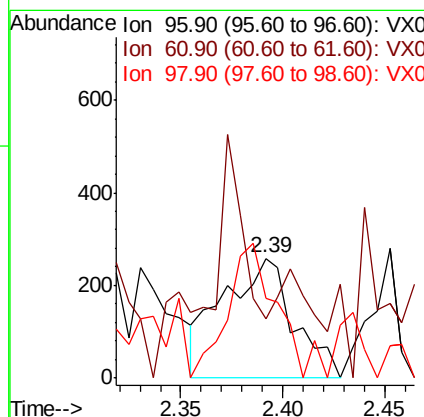
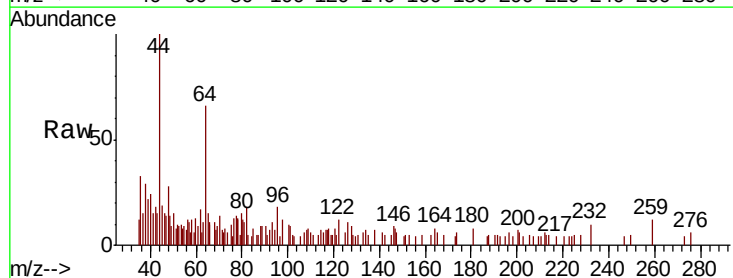
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBL01

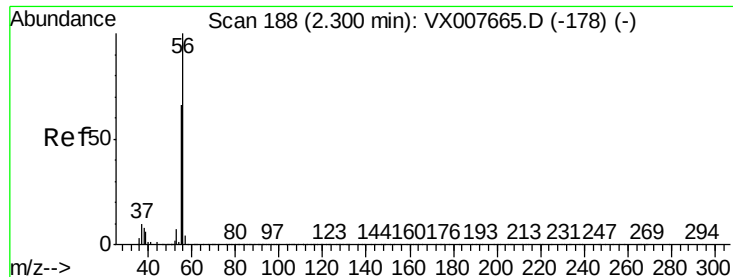
Tgt Ion: 59 Resp: 480
Ion Ratio Lower Upper
59 100
57 122.9 8.1 12.1#



#12
1,1-Dichloroethene
Concen: 0.209 ug/l
RT: 2.39 min Scan# 203
Delta R.T. 0.02 min
Lab File: VX007711.D
Acq: 26 Feb 2019 14:04

Tgt Ion: 96 Resp: 626
Ion Ratio Lower Upper
96 100
61 0.0 123.0 184.4#
98 72.8 50.9 76.3





#13

Acrolein

Concen: 0.491 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

Instrument :

MSVOA_X

ClientSampleId :

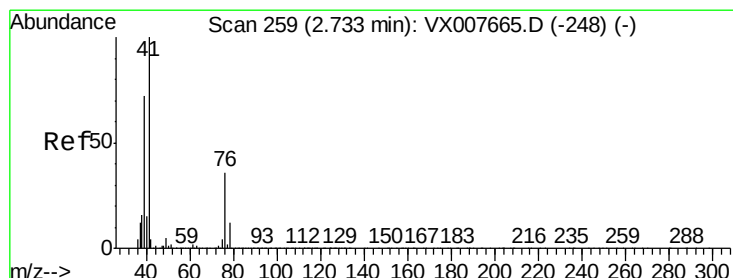
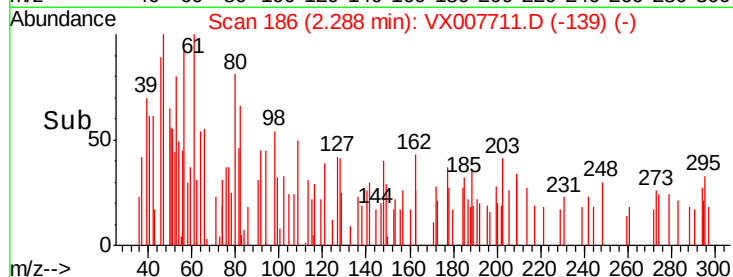
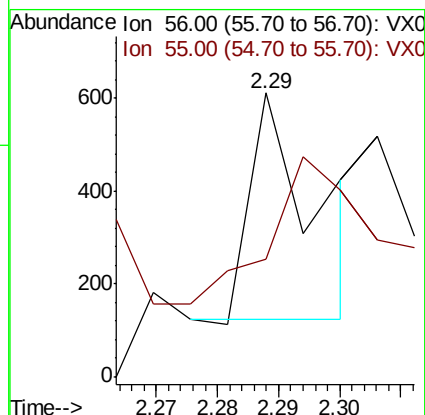
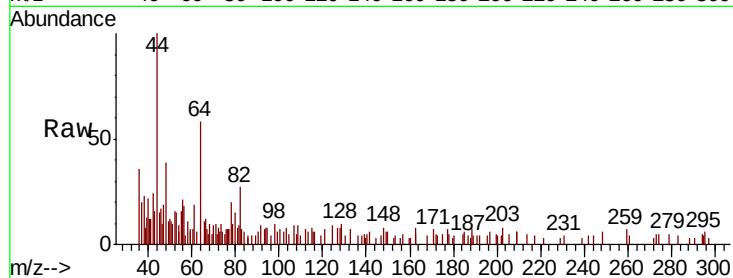
VX0226WBL01

Tgt Ion: 56 Resp: 351

Ion Ratio Lower Upper

56 100

55 176.4 56.9 85.3#



#14

Allyl chloride

Concen: 0.066 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.00 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

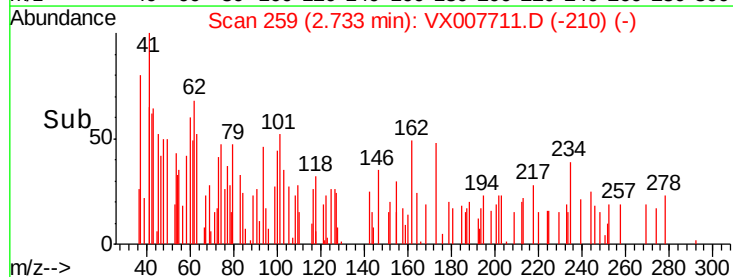
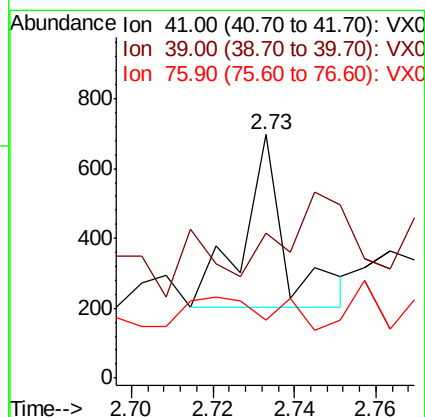
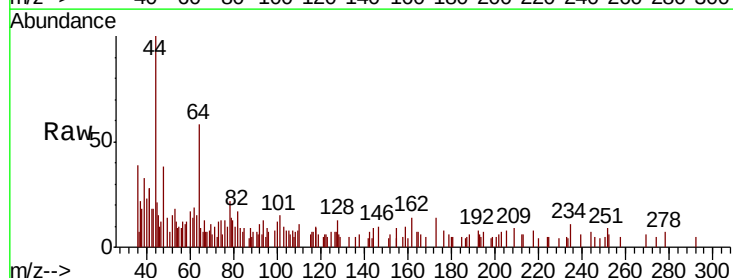
Tgt Ion: 41 Resp: 363

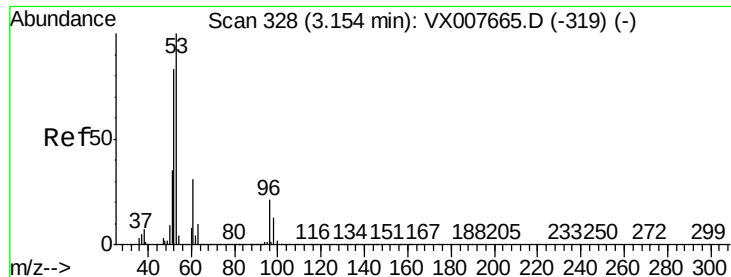
Ion Ratio Lower Upper

41 100

39 88.7 54.1 81.1#

76 0.0 27.8 41.8#





#15

Acrylonitrile

Concen: 0.586 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

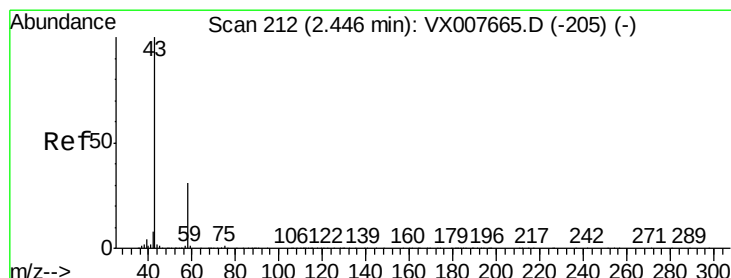
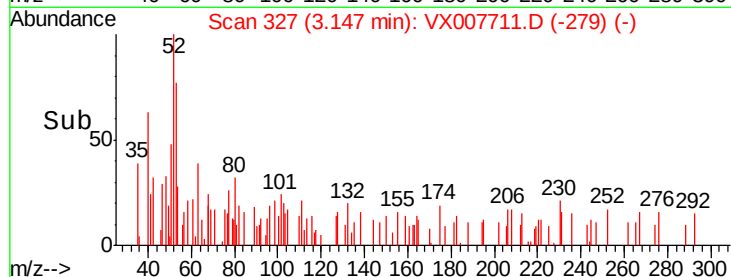
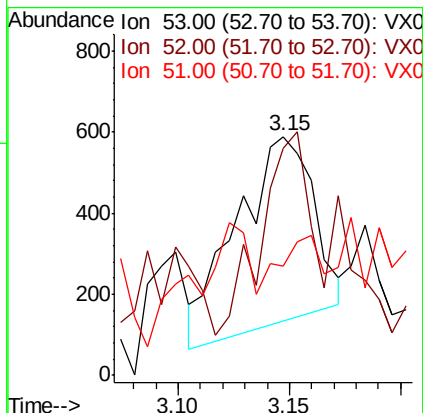
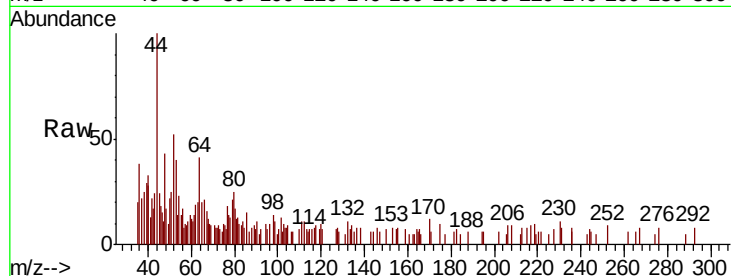
Instrument :

MSVOA_X

ClientSampleId :

VX0226WBL01

Tgt Ion:	53	Resp:	1110
Ion	Ratio	Lower	Upper
53	100		
52	69.5	66.4	99.6
51	7.0	28.4	42.6#



#16

Acetone

Concen: 0.436 ug/l

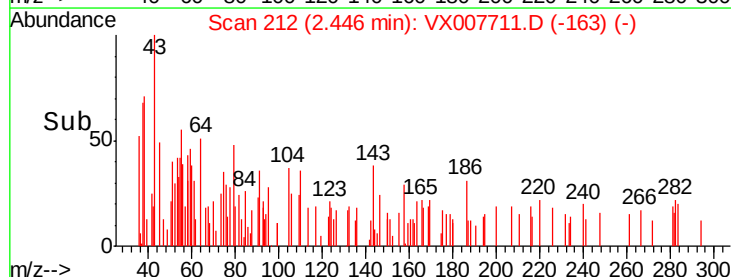
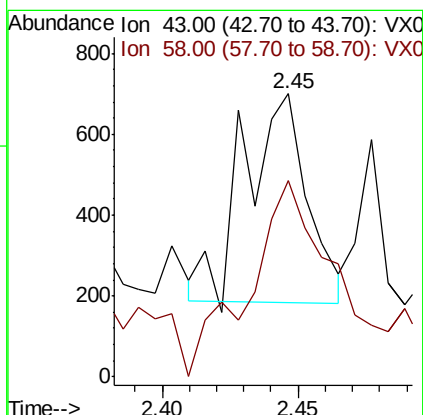
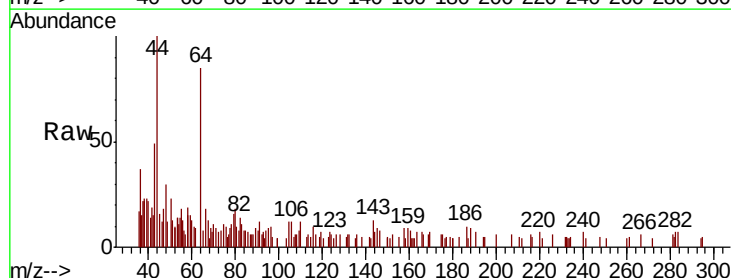
RT: 2.45 min Scan# 212

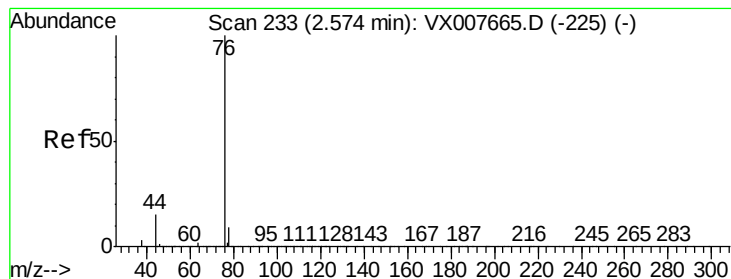
Delta R.T. 0.00 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

Tgt Ion:	43	Resp:	823
Ion	Ratio	Lower	Upper
43	100		
58	105.4	24.9	37.3#





#17

Carbon Disulfide

Concen: 0.319 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.01 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

Instrument :

MSVOA_X

ClientSampled :

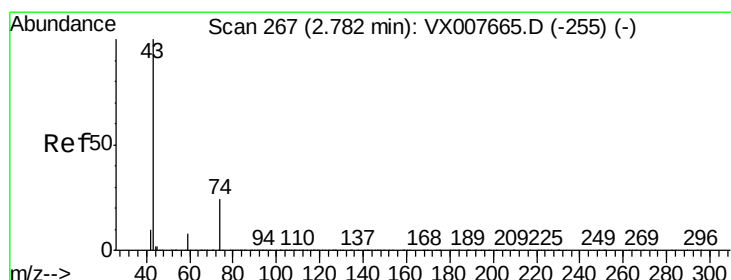
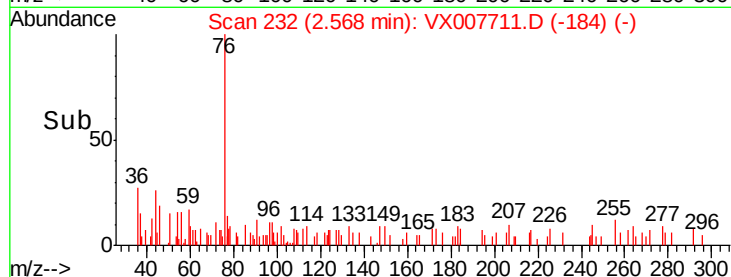
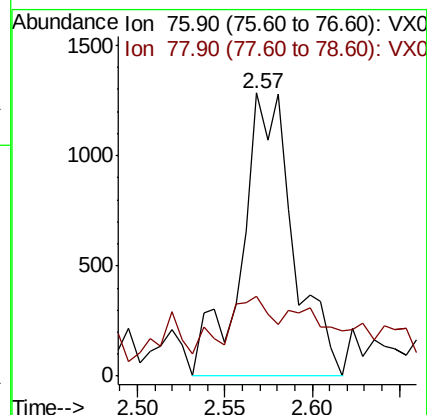
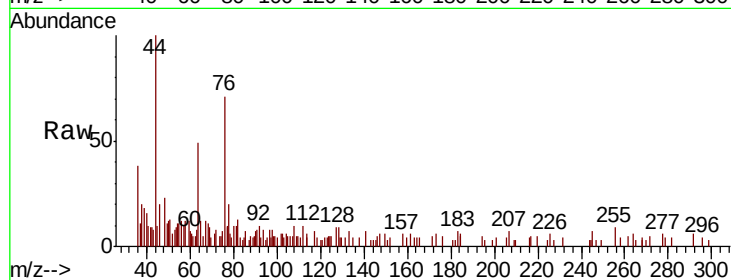
VX0226WBL01

Tgt Ion: 76 Resp: 2661

Ion Ratio Lower Upper

76 100

78 30.6 7.1 10.7#



#18

Methyl Acetate

Concen: 0.313 ug/l

RT: 2.79 min Scan# 269

Delta R.T. 0.01 min

Lab File: VX007711.D

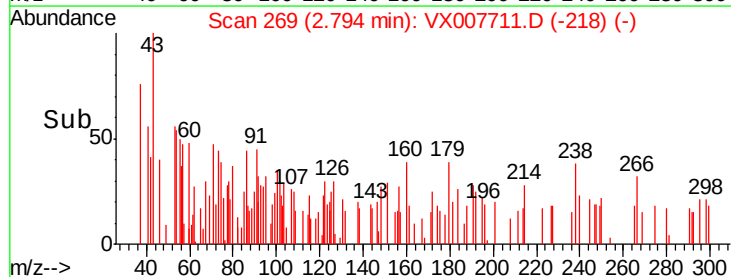
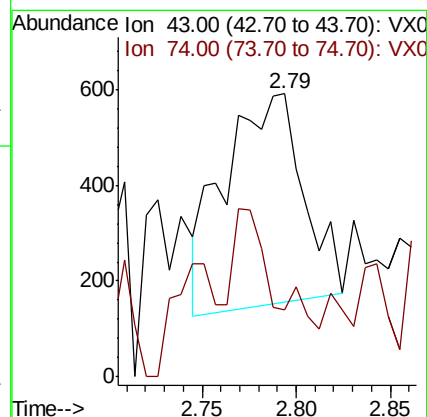
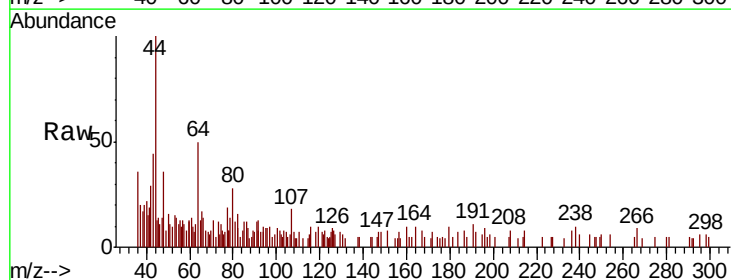
Acq: 26 Feb 2019 14:04

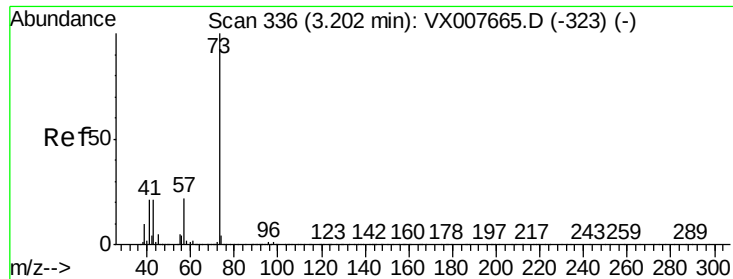
Tgt Ion: 43 Resp: 1289

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#





#19

Methyl tert-butyl Ether

Concen: 0.025 ug/l

RT: 3.18 min Scan# 332

Delta R.T. -0.02 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

Instrument :

MSVOA_X

ClientSampleId :

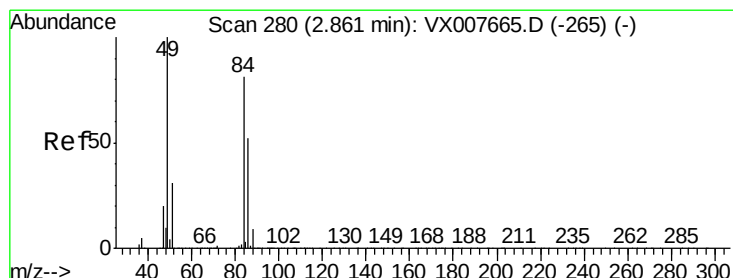
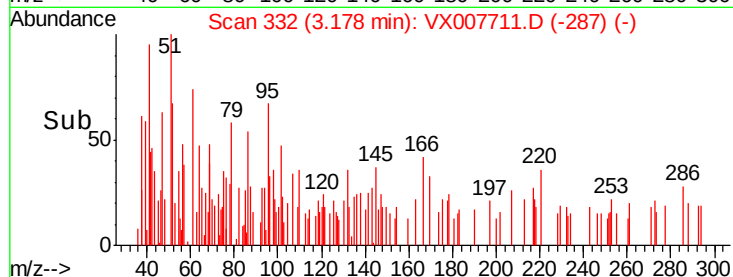
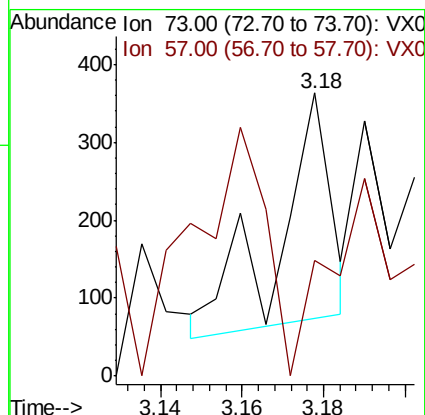
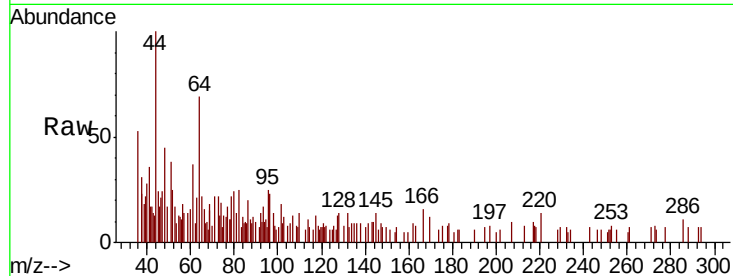
VX0226WBL01

Tgt Ion: 73 Resp: 257

Ion Ratio Lower Upper

73 100

57 6.7 17.8 26.8#



#20

Methylene Chloride

Concen: 0.233 ug/l

RT: 2.85 min Scan# 278

Delta R.T. -0.01 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

Tgt Ion: 84 Resp: 812

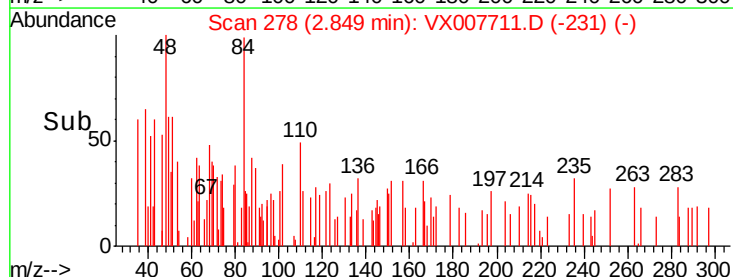
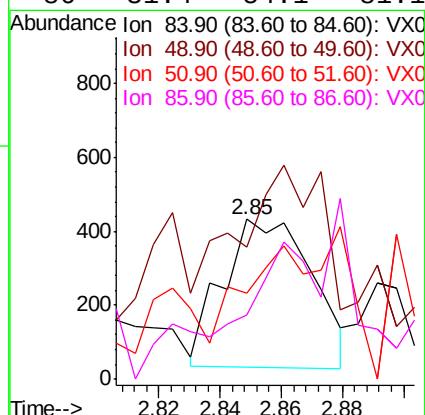
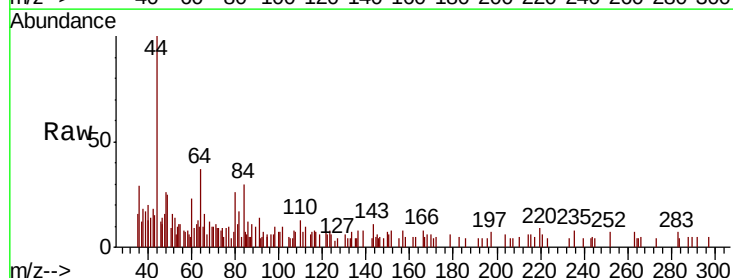
Ion Ratio Lower Upper

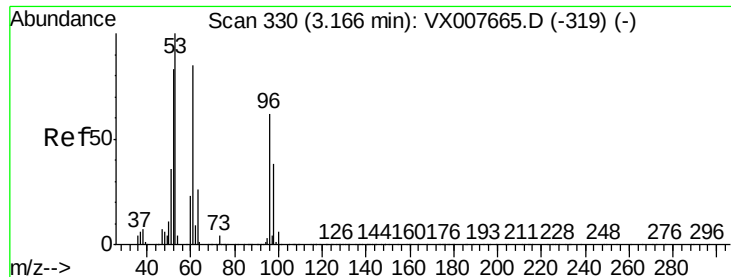
84 100

49 33.0 94.8 142.2#

51 11.0 29.8 44.8#

86 31.4 54.1 81.1#





#21

trans-1,2-Dichloroethene

Concen: 0.260 ug/l

RT: 3.18 min Scan# 332

Delta R.T. 0.01 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBL01

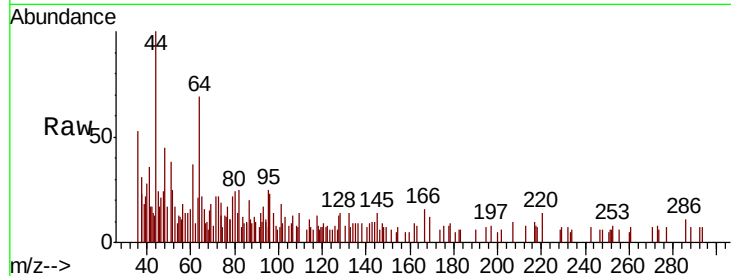
Tgt Ion: 96 Resp: 847

Ion Ratio Lower Upper

96 100

61 42.2 104.6 156.8#

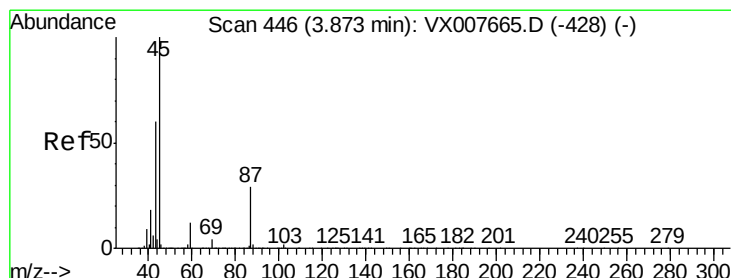
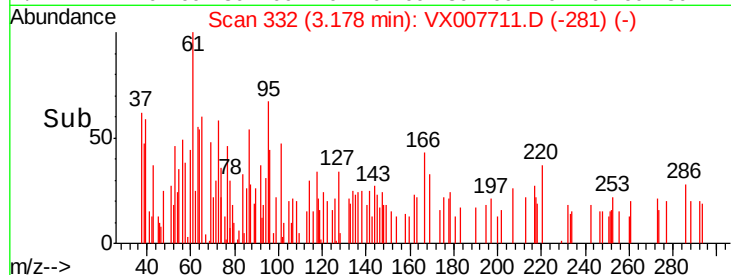
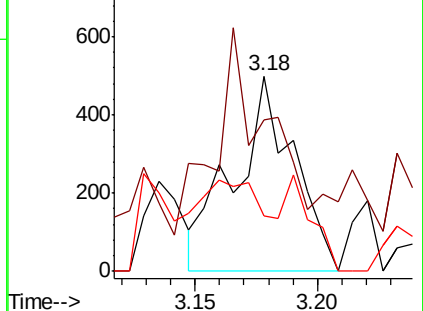
98 45.6 51.0 76.4#



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 0.023 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.02 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

Tgt Ion: 45 Resp: 265

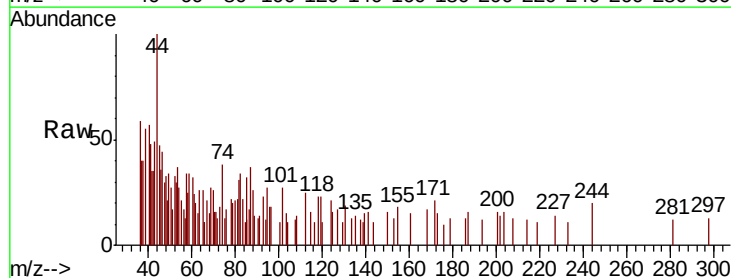
Ion Ratio Lower Upper

45 100

43 13.5 48.9 73.3#

87 57.9 23.9 35.9#

59 0.0 9.6 14.4#

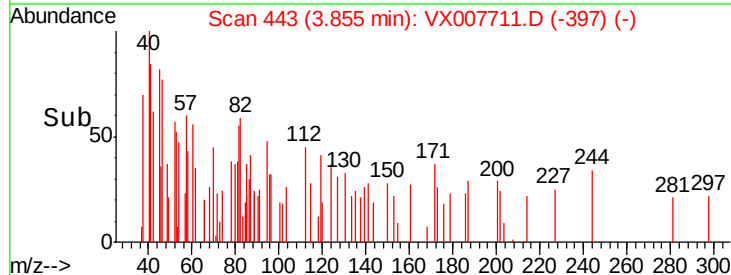
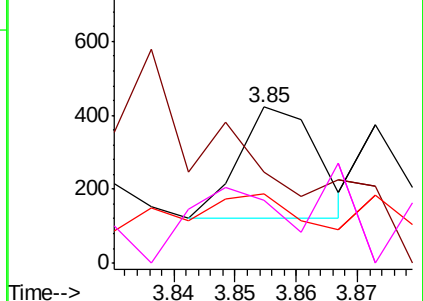


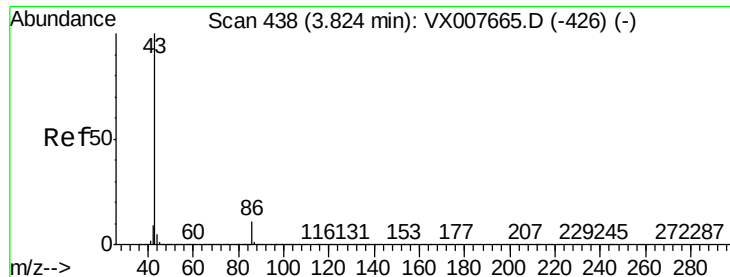
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 0.056 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

Instrument :

MSVOA_X

ClientSampleId :

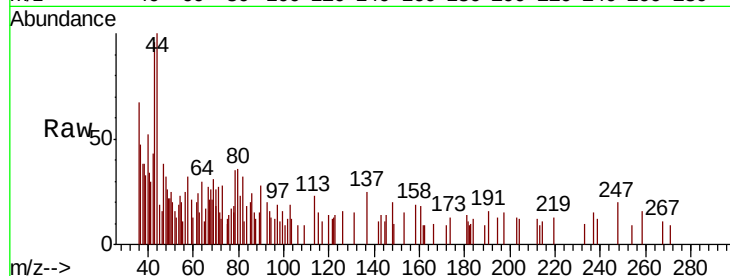
VX0226WBL01

Tgt Ion: 43 Resp: 571

Ion Ratio Lower Upper

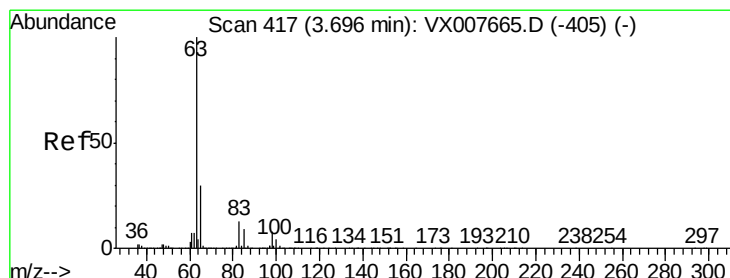
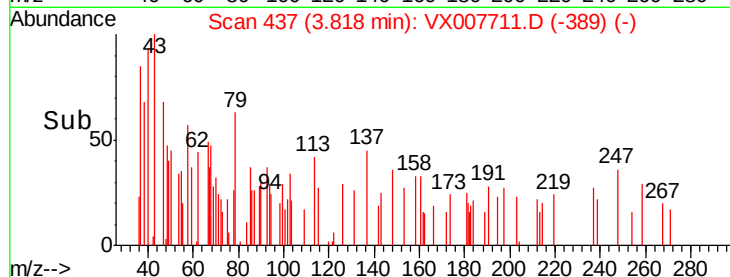
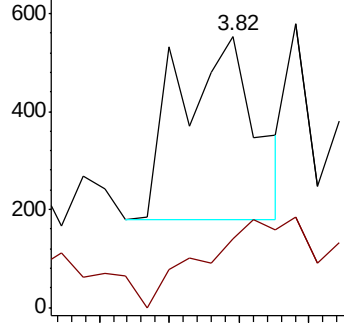
43 100

86 4.5 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 0.012 ug/l

RT: 3.67 min Scan# 412

Delta R.T. -0.03 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

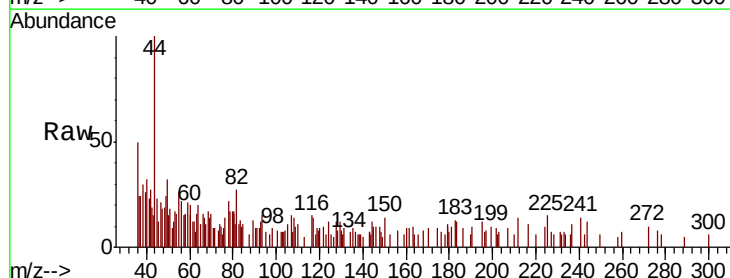
Tgt Ion: 63 Resp: 78

Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

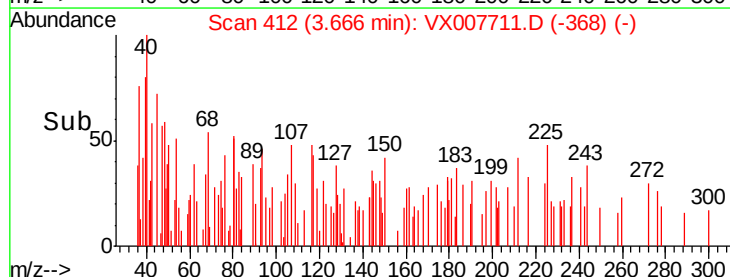
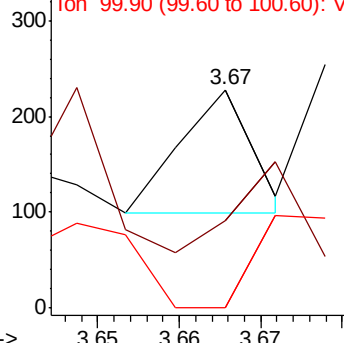
100 0.0 2.5 7.4#

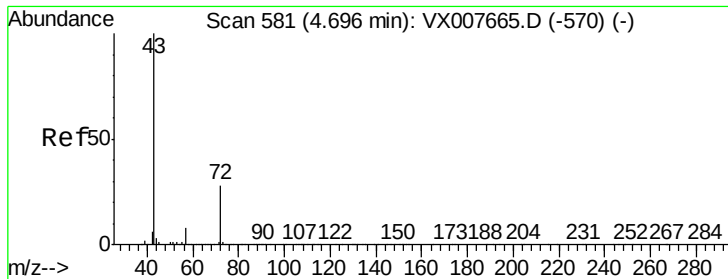


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 0.305 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

Instrument :

MSVOA_X

ClientSampled :

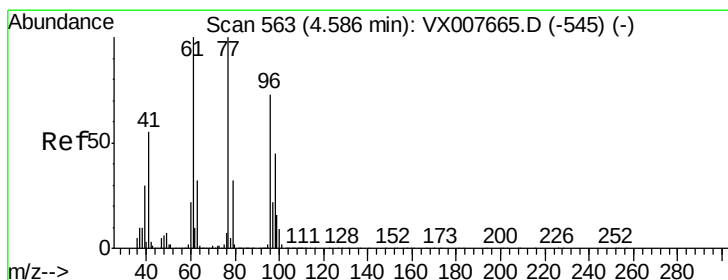
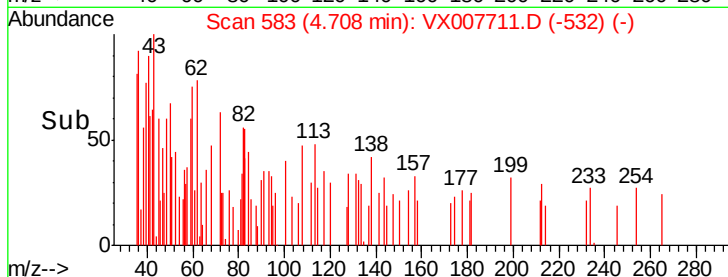
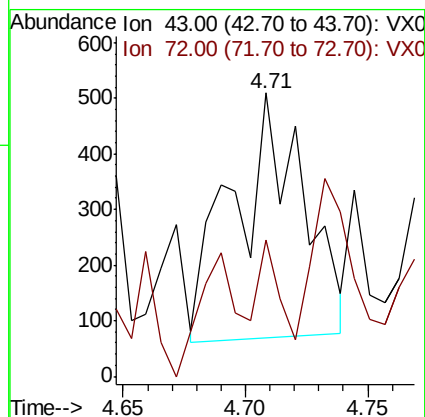
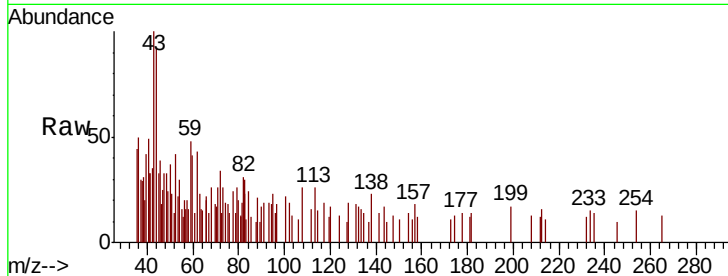
VX0226WBL01

Tgt Ion: 43 Resp: 876

Ion Ratio Lower Upper

43 100

72 38.4 22.2 33.2#



#26

2,2-Dichloropropane

Concen: 0.074 ug/l

RT: 4.43 min Scan# 537

Delta R.T. -0.16 min

Lab File: VX007711.D

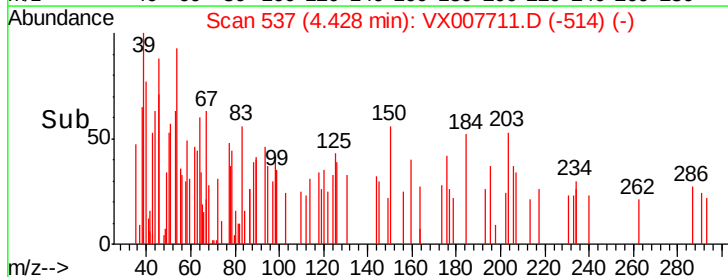
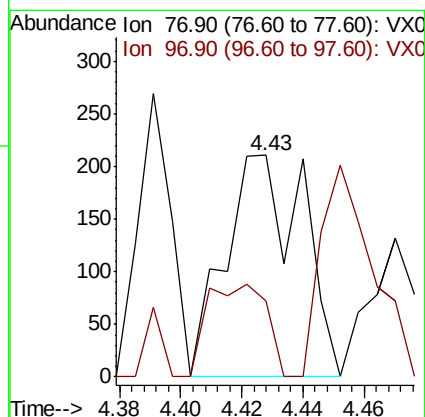
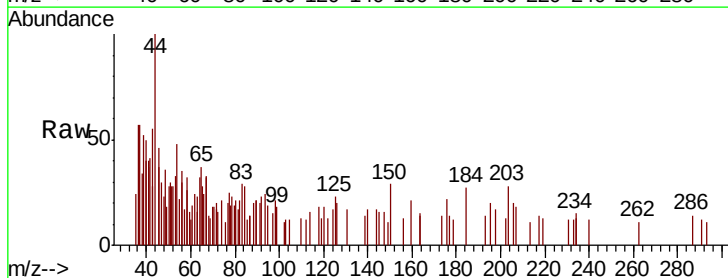
Acq: 26 Feb 2019 14:04

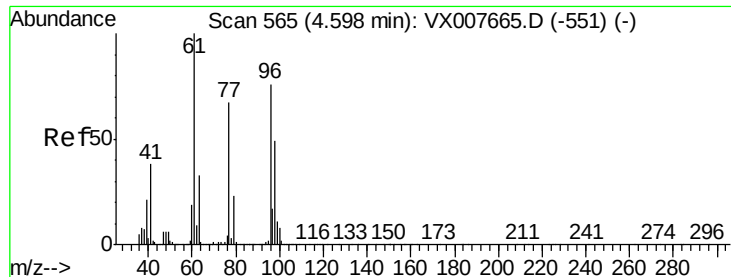
Tgt Ion: 77 Resp: 370

Ion Ratio Lower Upper

77 100

97 31.9 12.1 36.3



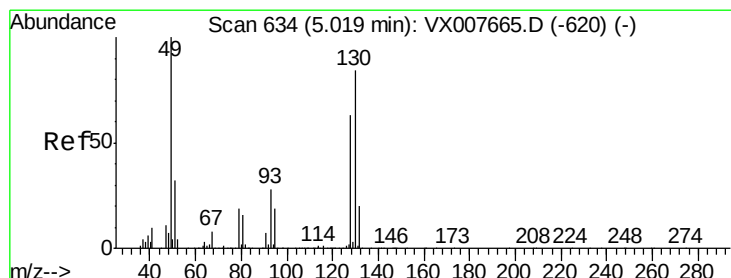
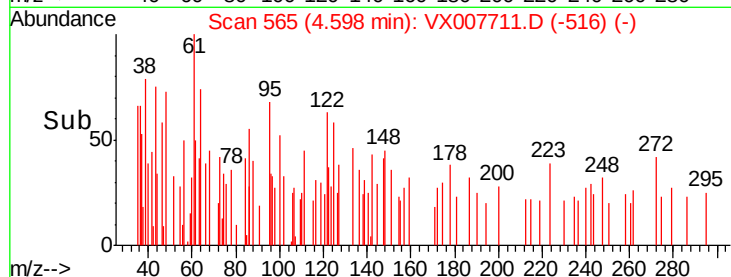
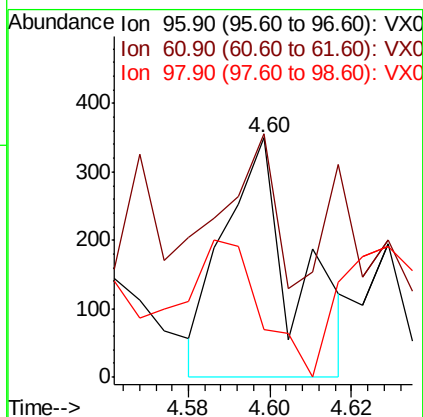
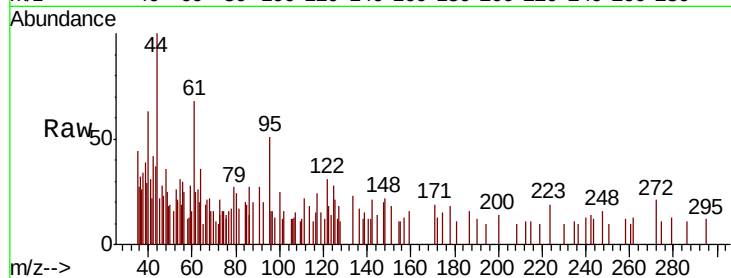


#27

cis-1,2-Dichloroethene
 Concen: 0.102 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX007711.D
 Acq: 26 Feb 2019 14:04

Instrument :
 MSVOA_X
 ClientSampled :
 VX0226WBL01

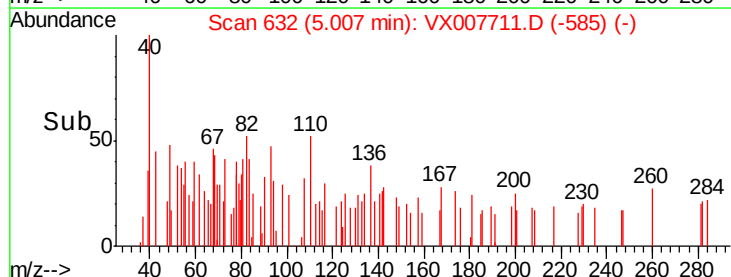
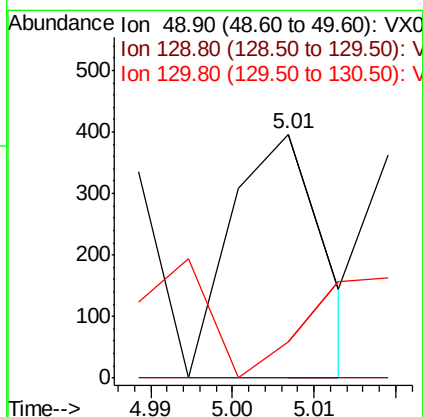
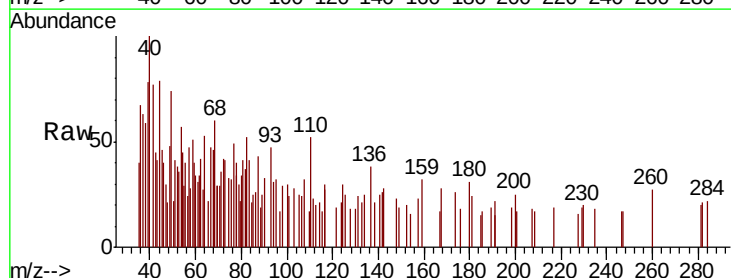
Tgt Ion: 96 Resp: 422
 Ion Ratio Lower Upper
 96 100
 61 85.3 0.0 265.6
 98 63.5 0.0 131.6

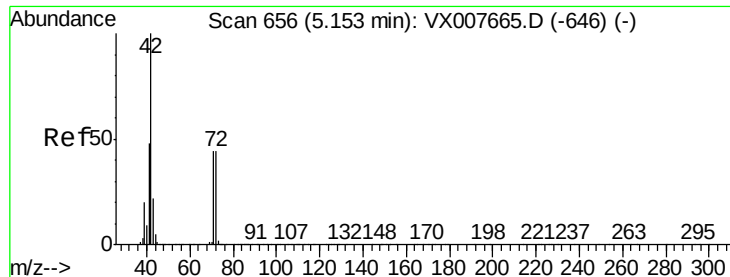


#28

Bromochloromethane
 Concen: 0.102 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: VX007711.D
 Acq: 26 Feb 2019 14:04

Tgt Ion: 49 Resp: 310
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 5.6
 130 0.0 75.6 113.4#





#29

Tetrahydrofuran

Concen: 0.232 ug/l

RT: 5.38 min Scan# 694

Delta R.T. 0.23 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

Instrument :

MSVOA_X

ClientSampled :

VX0226WBL01

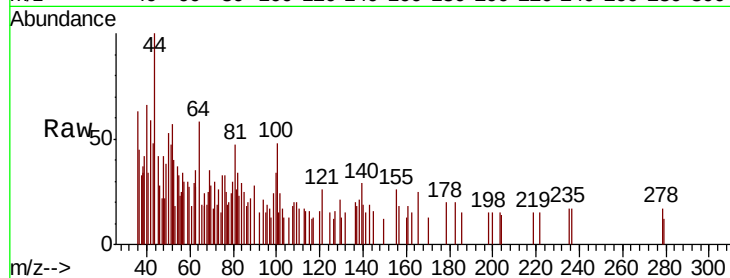
Tgt Ion: 42 Resp: 440

Ion Ratio Lower Upper

42 100

72 54.8 37.6 56.4

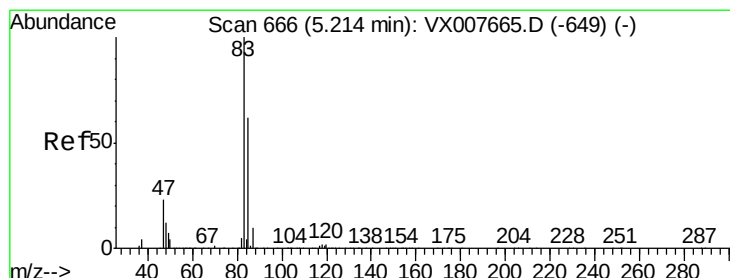
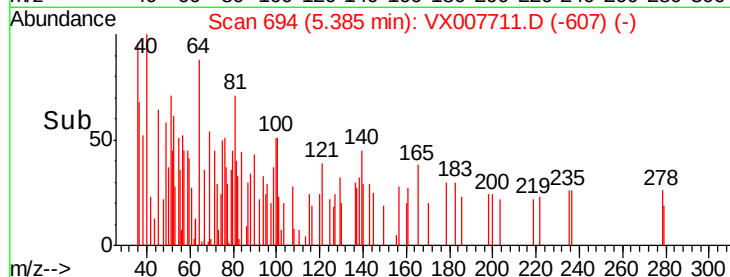
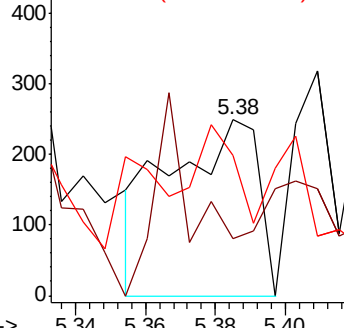
71 37.7 34.6 51.8



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: 0.049 ug/l

RT: 5.20 min Scan# 664

Delta R.T. -0.01 min

Lab File: VX007711.D

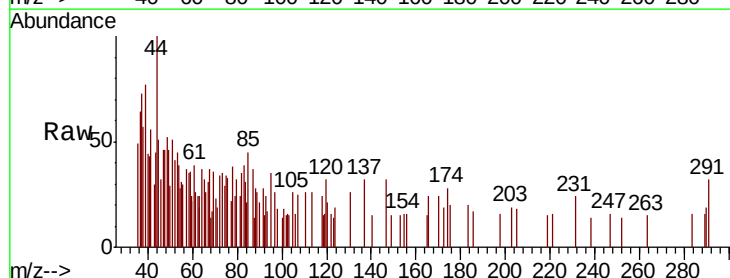
Acq: 26 Feb 2019 14:04

Tgt Ion: 83 Resp: 331

Ion Ratio Lower Upper

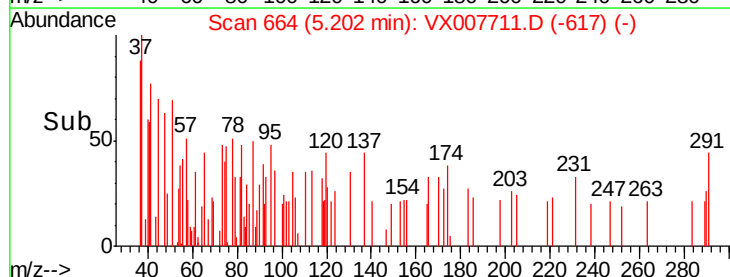
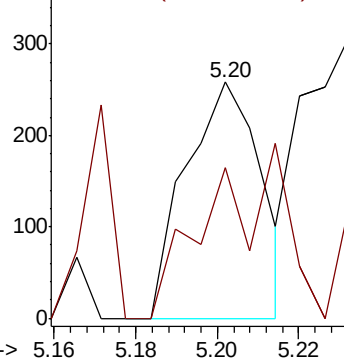
83 100

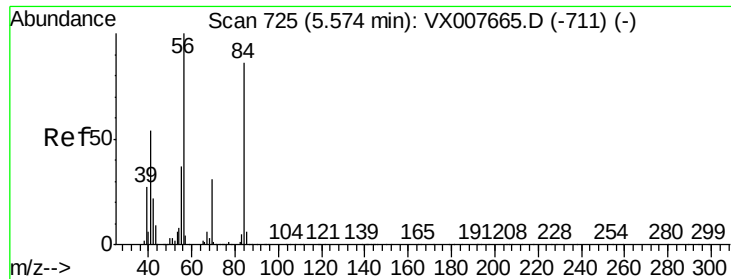
85 64.0 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

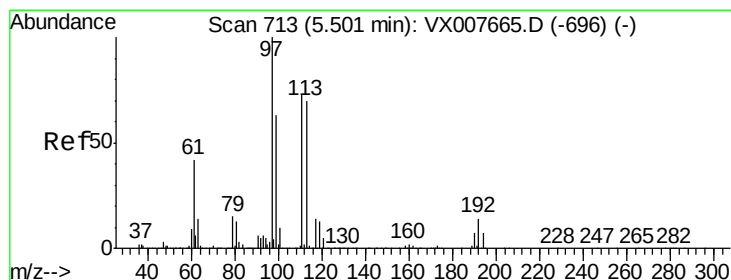
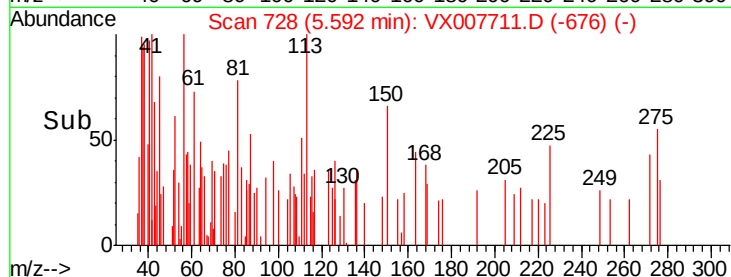
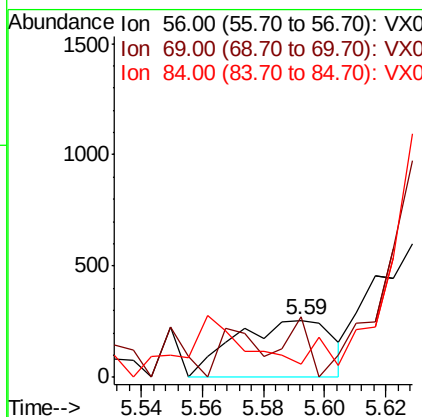
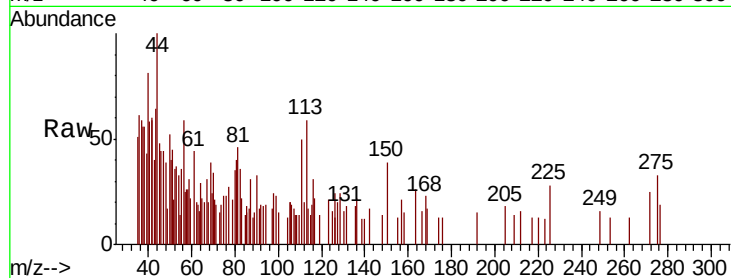




#31
Cyclohexane
Concen: 0.096 ug/l
RT: 5.59 min Scan# 728
Delta R.T. 0.02 min
Lab File: VX007711.D
Acq: 26 Feb 2019 14:04

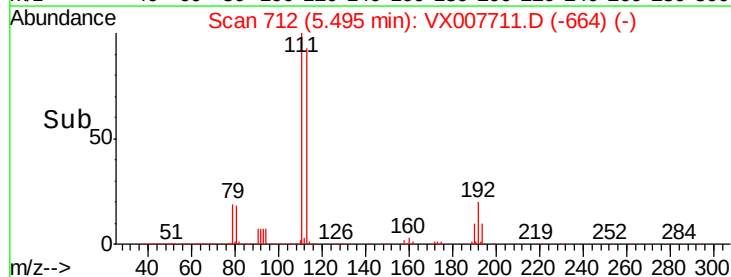
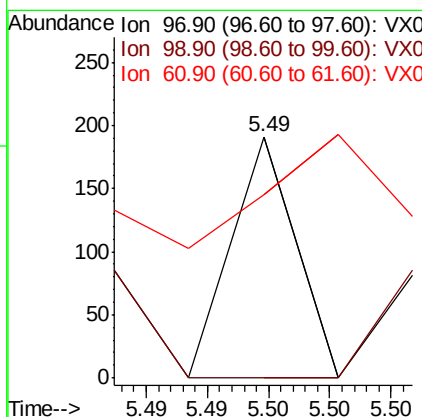
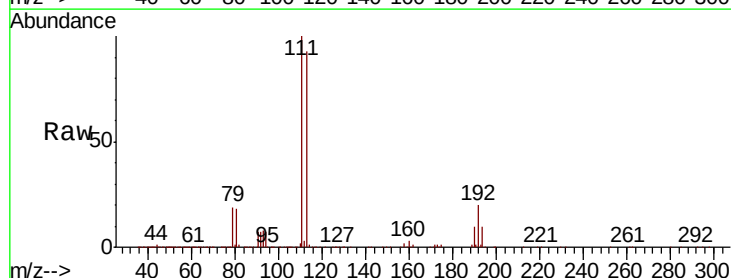
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBL01

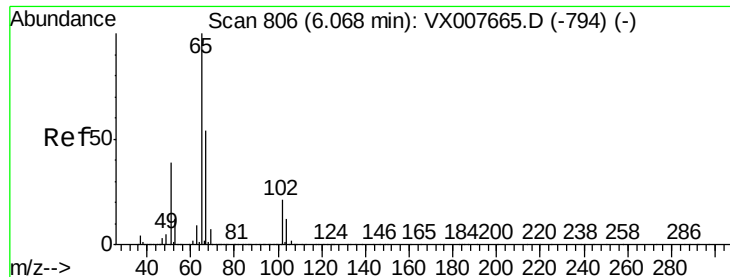
Tgt Ion: 56 Resp: 568
Ion Ratio Lower Upper
56 100
69 49.3 23.0 34.6#
84 1.7 69.8 104.6#



#32
1,1,1-Trichloroethane
Concen: 0.013 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007711.D
Acq: 26 Feb 2019 14:04

Tgt Ion: 97 Resp: 70
Ion Ratio Lower Upper
97 100
99 0.0 52.2 78.2#
61 428.6 32.7 49.1#

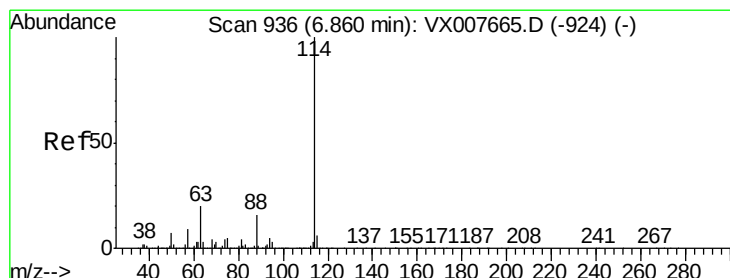
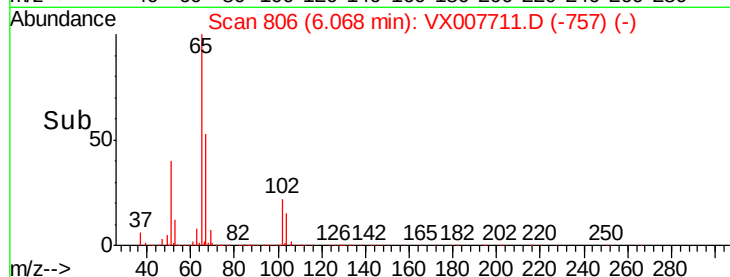
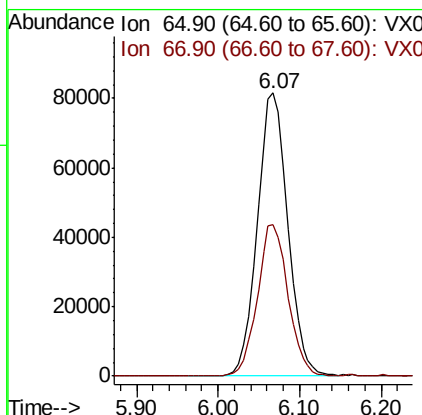
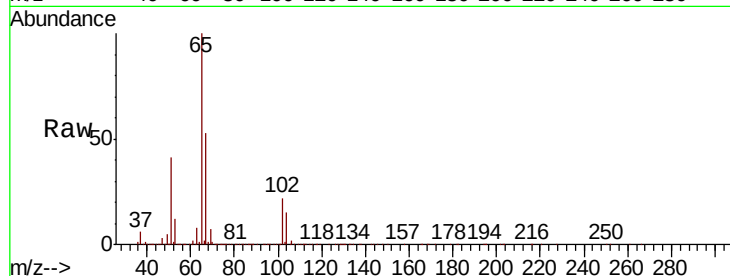




#33
 1,2-Dichloroethane-d4
 Concen: 49.930 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007711.D
 Acq: 26 Feb 2019 14:04

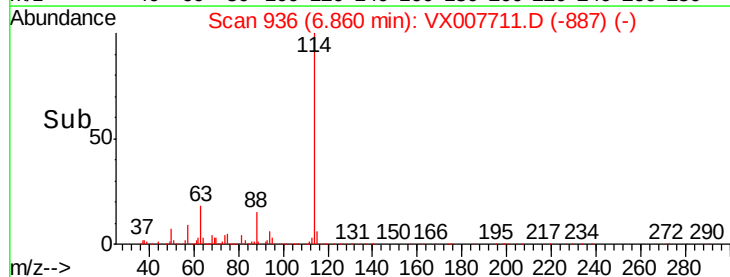
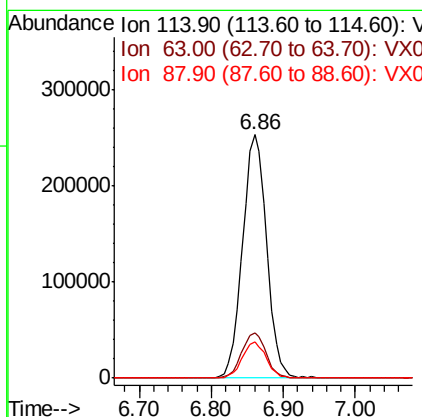
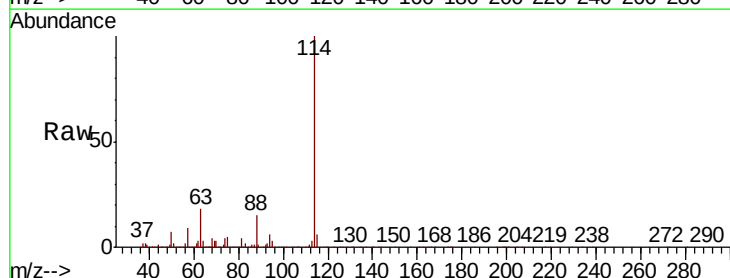
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBL01

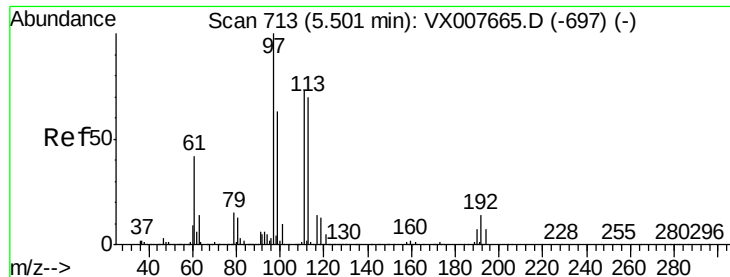
Tgt Ion: 65 Resp: 211909
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007711.D
 Acq: 26 Feb 2019 14:04

Tgt Ion: 114 Resp: 588998
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 35.6
 88 15.0 0.0 29.6





#35

Dibromofluoromethane

Concen: 48.821 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBL01

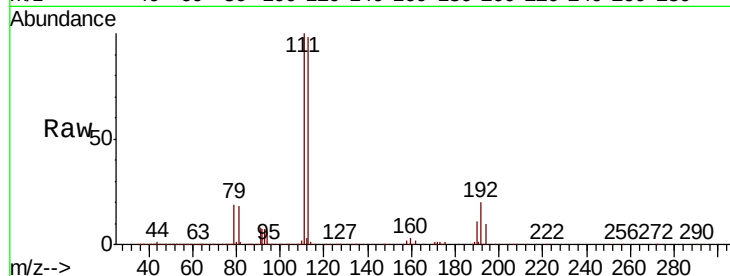
Tgt Ion:113 Resp: 192222

Ion Ratio Lower Upper

113 100

111 104.9 81.8 122.8

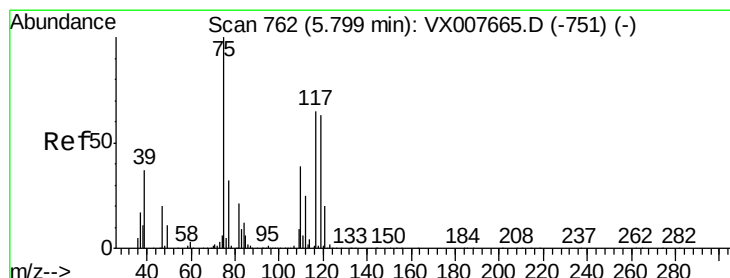
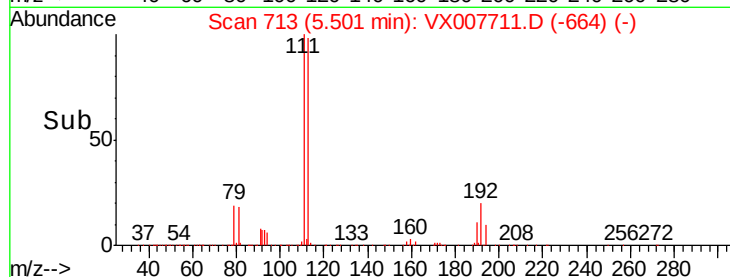
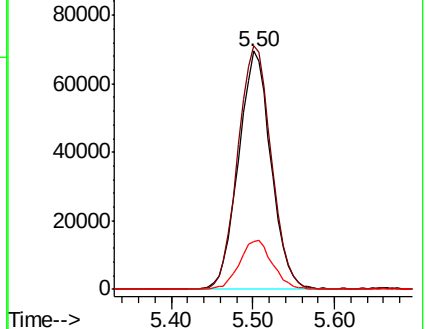
192 20.8 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.405 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

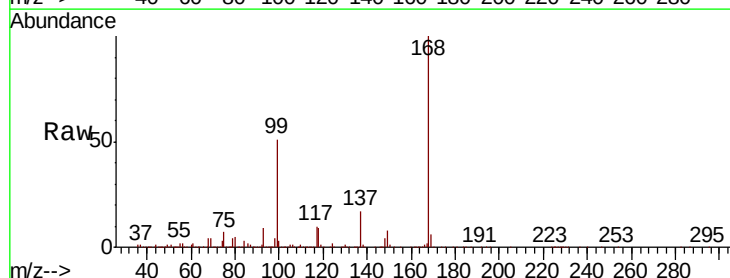
Tgt Ion: 75 Resp: 23325

Ion Ratio Lower Upper

75 100

110 11.3 20.0 59.9#

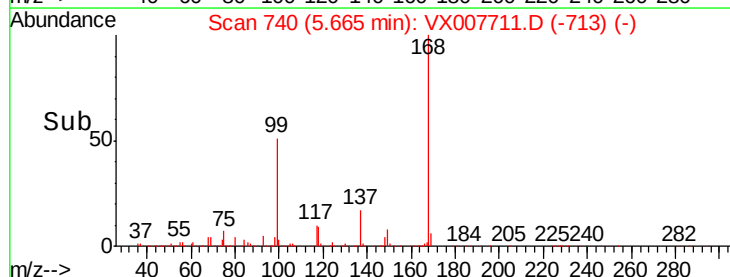
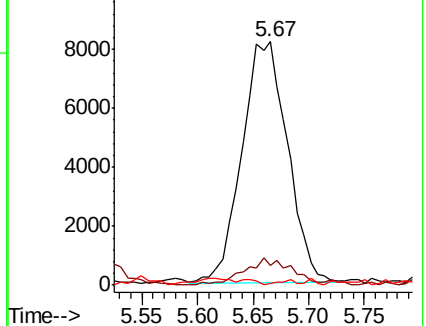
77 0.0 24.7 37.1#

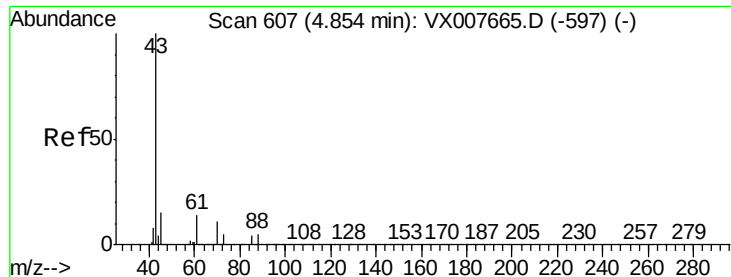


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 0.080 ug/l

RT: 4.87 min Scan# 609

Delta R.T. 0.01 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

Instrument :

MSVOA_X

ClientSampled :

VX0226WBL01

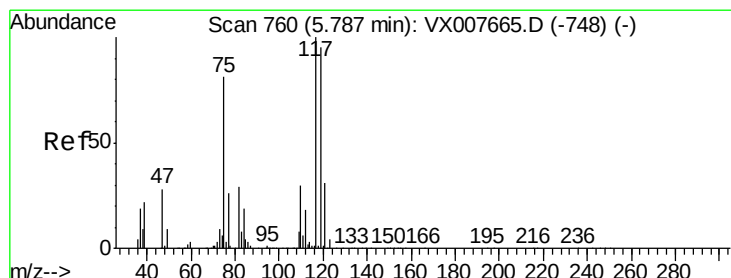
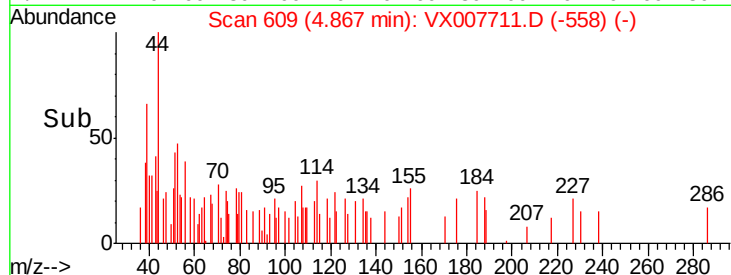
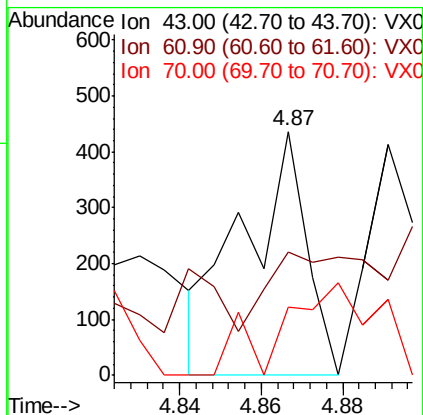
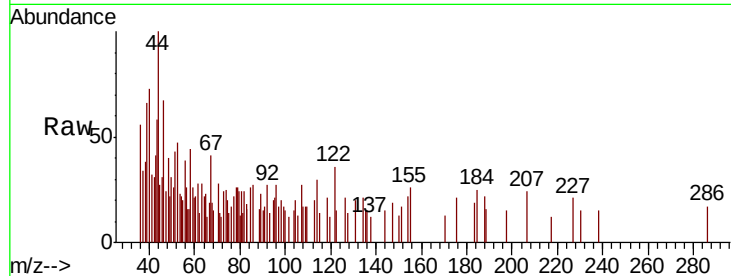
Tgt Ion: 43 Resp: 472

Ion Ratio Lower Upper

43 100

61 0.0 11.3 16.9#

70 0.0 8.6 13.0#



#38

Carbon Tetrachloride

Concen: 6.289 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

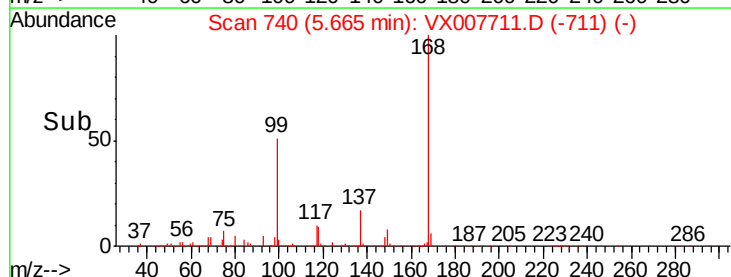
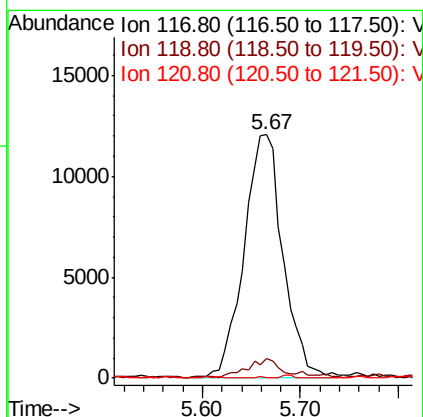
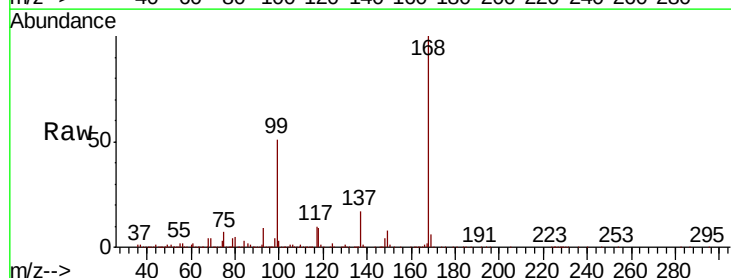
Tgt Ion: 117 Resp: 33450

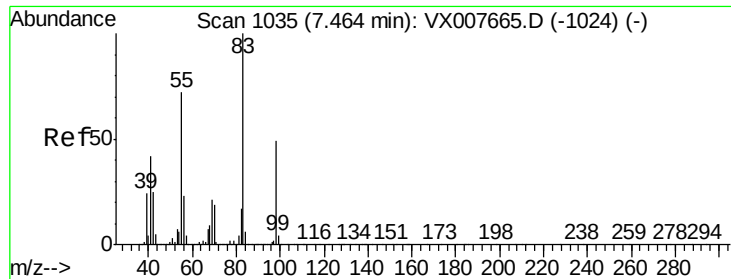
Ion Ratio Lower Upper

117 100

119 8.1 75.3 112.9#

121 0.0 25.0 37.4#

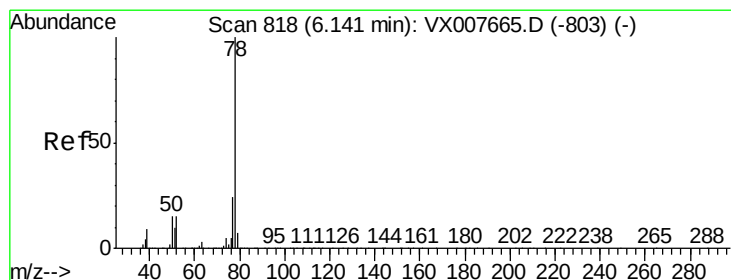
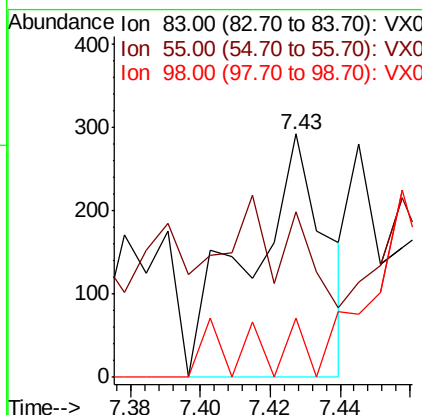
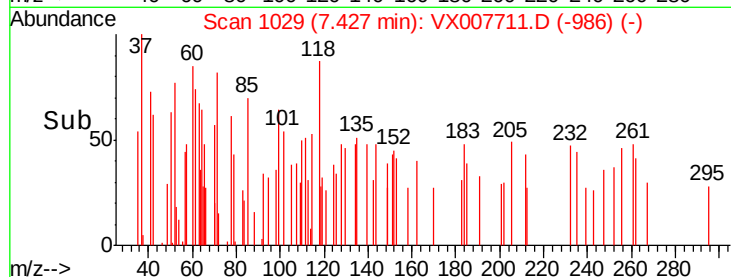
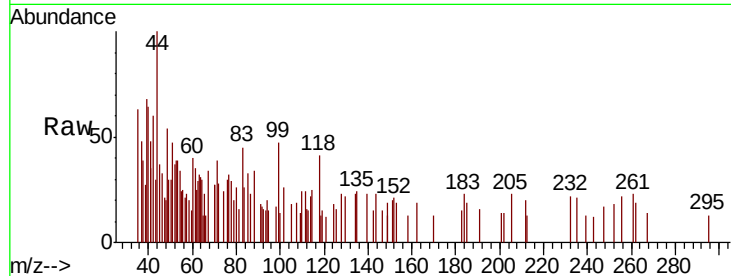




#39
Methylcyclohexane
Concen: 0.066 ug/l
RT: 7.43 min Scan# 1029
Delta R.T. -0.04 min
Lab File: VX007711.D
Acq: 26 Feb 2019 14:04

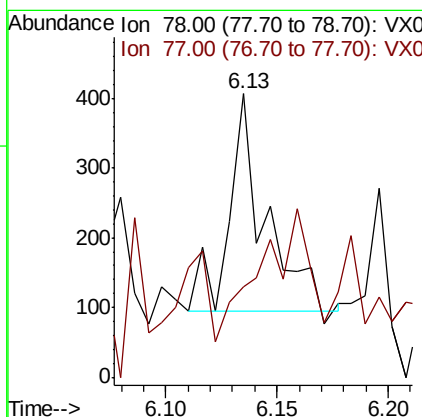
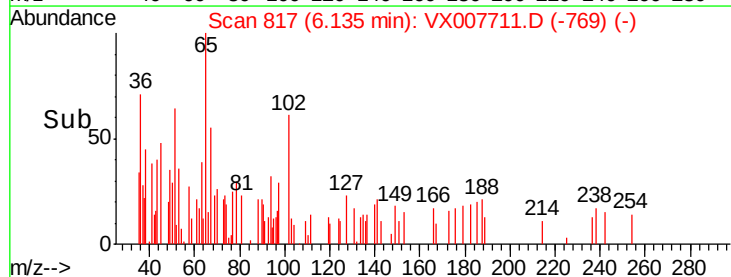
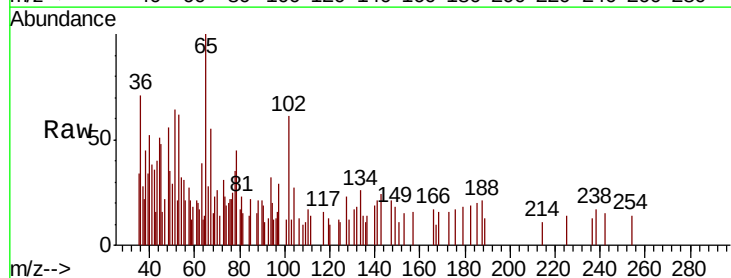
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBL01

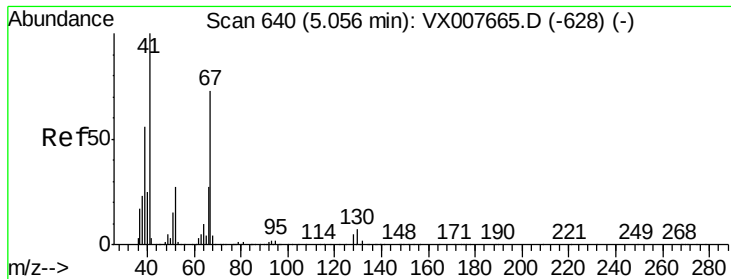
Tgt Ion: 83 Resp: 442
Ion Ratio Lower Upper
83 100
55 39.0 56.2 84.2#
98 24.3 36.8 55.2#



#40
Benzene
Concen: 0.021 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX007711.D
Acq: 26 Feb 2019 14:04

Tgt Ion: 78 Resp: 350
Ion Ratio Lower Upper
78 100
77 0.0 19.3 28.9#

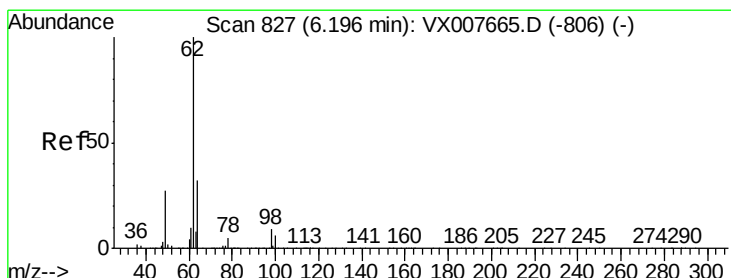
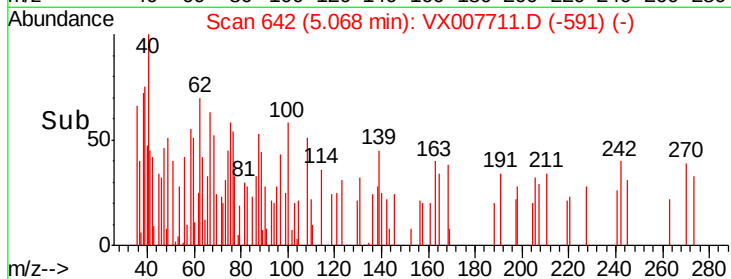
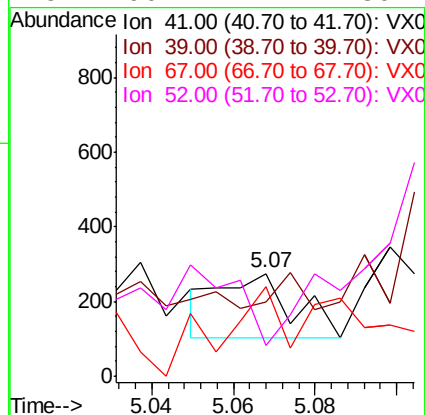
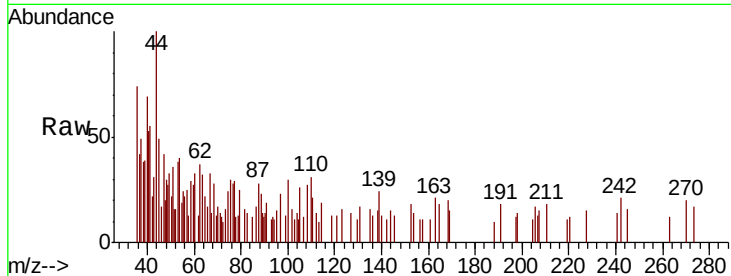




#41
Methacrylonitrile
Concen: 0.068 ug/l
RT: 5.07 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX007711.D
Acq: 26 Feb 2019 14:04

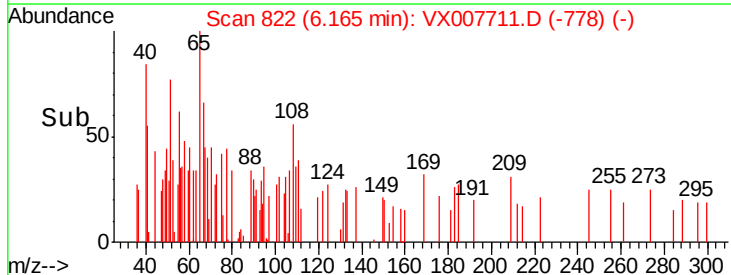
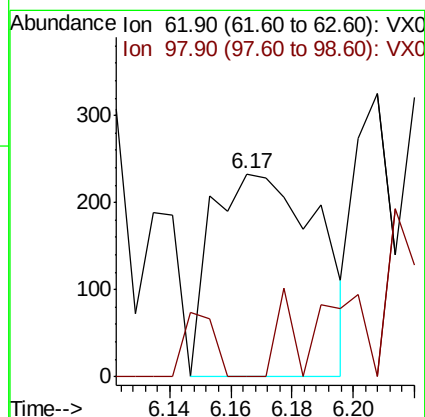
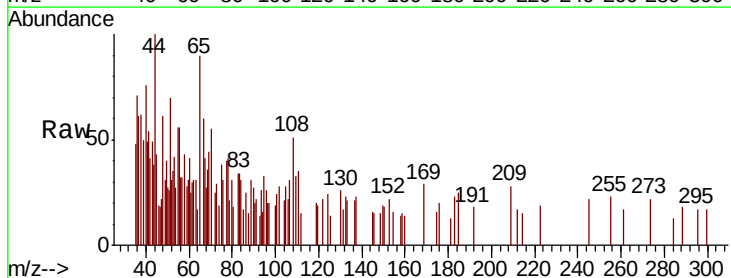
Instrument :
MSVOA_X
ClientSampled :
VX0226WBL01

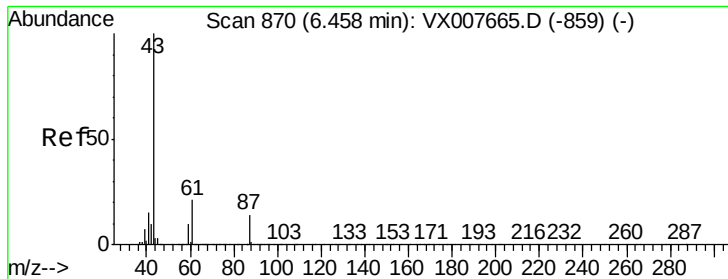
Tgt Ion:	41	Resp:	214
Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.5	66.7#
67	119.2	60.4	90.6#
52	296.7	24.1	36.1#



#42
1,2-Dichloroethane
Concen: 0.103 ug/l
RT: 6.17 min Scan# 822
Delta R.T. -0.03 min
Lab File: VX007711.D
Acq: 26 Feb 2019 14:04

Tgt Ion:	62	Resp:	564
Ion	Ratio	Lower	Upper
62	100		
98	6.6	0.0	19.0





#43

Isopropyl Acetate

Concen: 0.035 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.01 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBL01

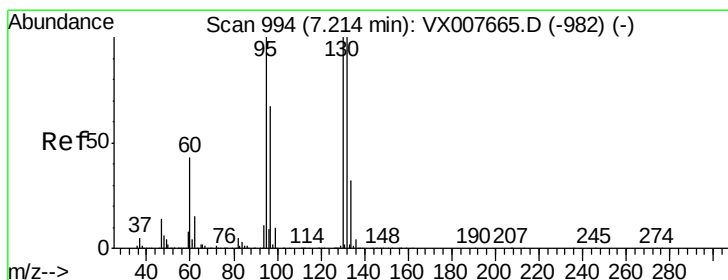
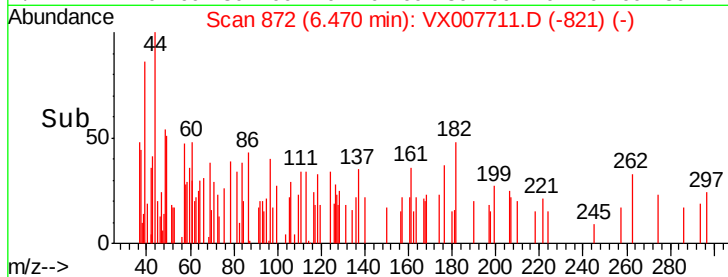
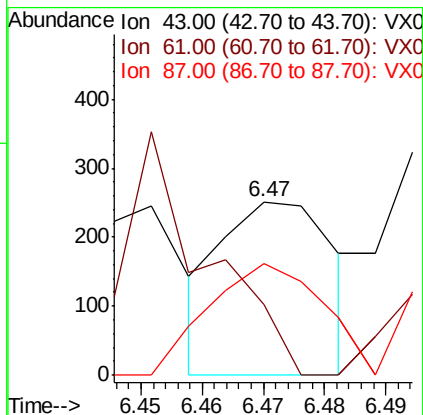
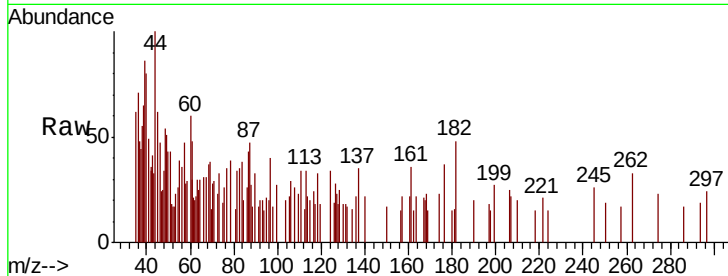
Tgt Ion: 43 Resp: 319

Ion Ratio Lower Upper

43 100

61 0.0 16.1 24.1#

87 65.8 11.5 17.3#



#44

Trichloroethene

Concen: 0.059 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007711.D

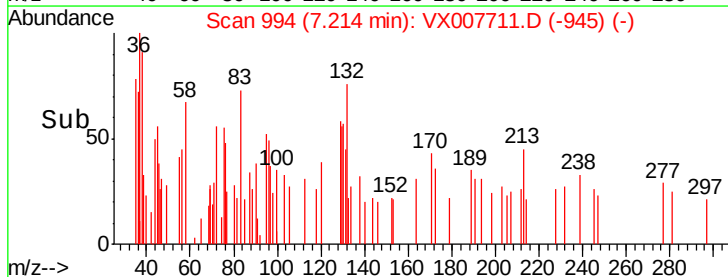
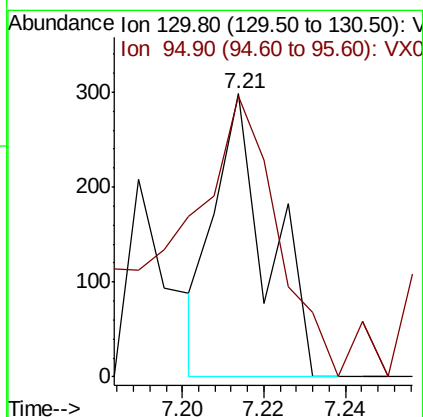
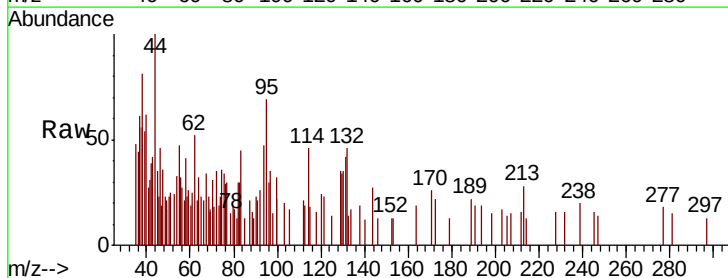
Acq: 26 Feb 2019 14:04

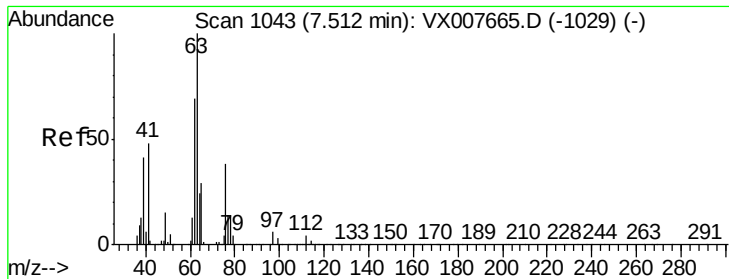
Tgt Ion: 130 Resp: 267

Ion Ratio Lower Upper

130 100

95 99.3 0.0 180.0





#45

1,2-Dichloropropane

Concen: 0.048 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

Instrument :

MSVOA_X

ClientSampleId :

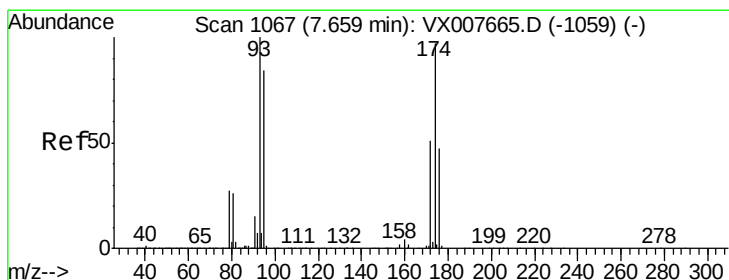
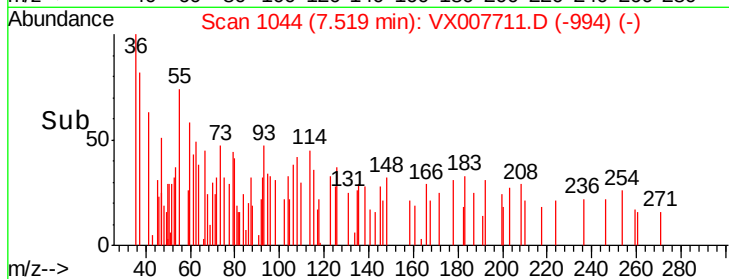
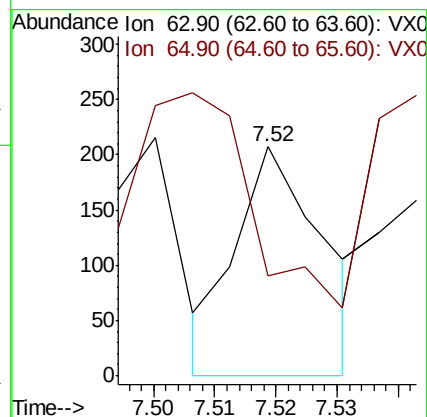
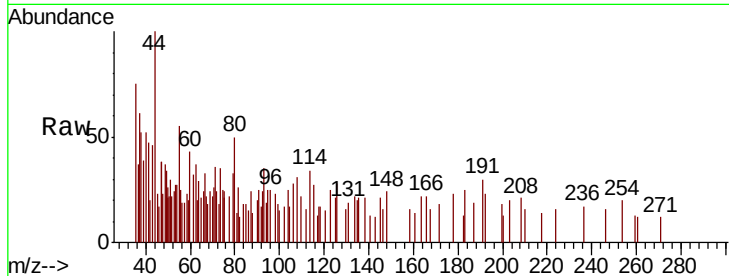
VX0226WBL01

Tgt Ion: 63 Resp: 203

Ion Ratio Lower Upper

63 100

65 20.0 24.2 36.2#



#46

Dibromomethane

Concen: 0.075 ug/l

RT: 7.65 min Scan# 1065

Delta R.T. -0.01 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

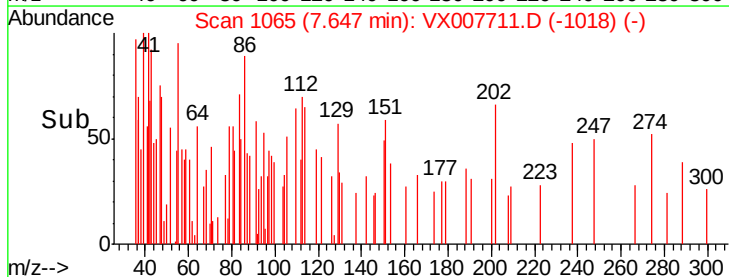
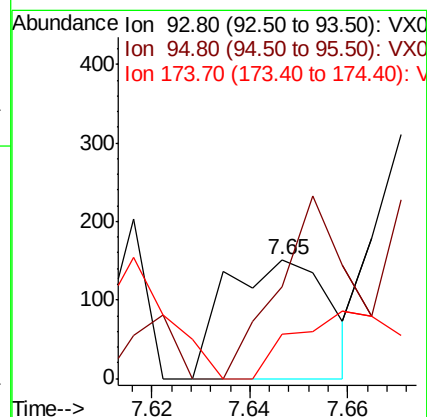
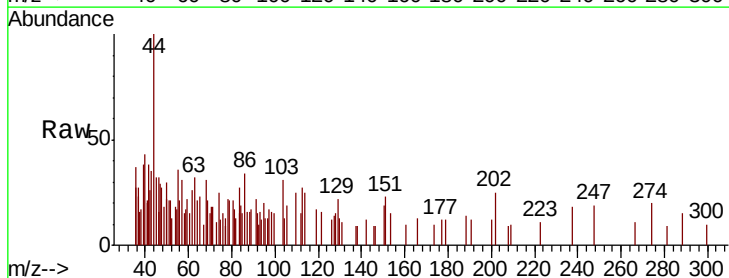
Tgt Ion: 93 Resp: 223

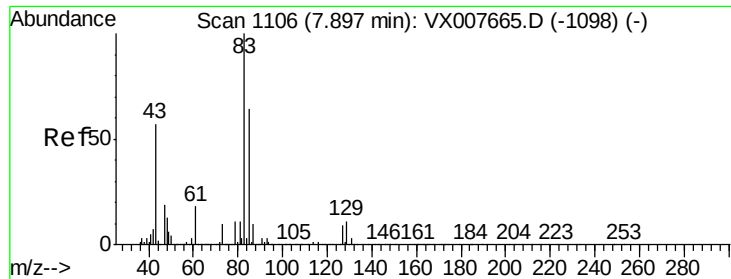
Ion Ratio Lower Upper

93 100

95 105.8 67.6 101.4#

174 0.0 94.2 141.4#





#47

Bromodichloromethane

Concen: 0.049 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBL01

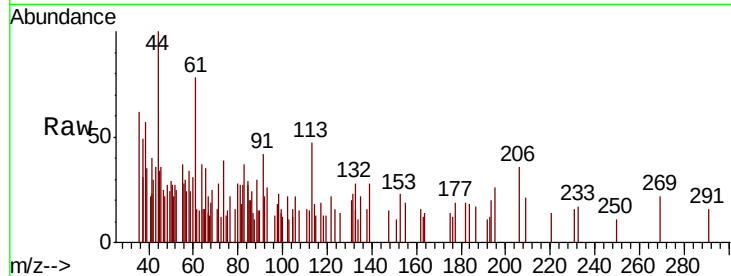
Tgt Ion: 83 Resp: 249

Ion Ratio Lower Upper

83 100

85 135.1 51.4 77.0#

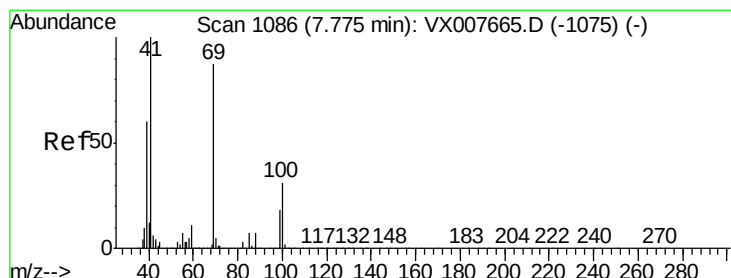
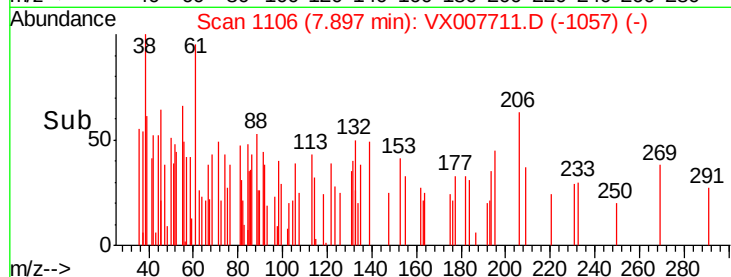
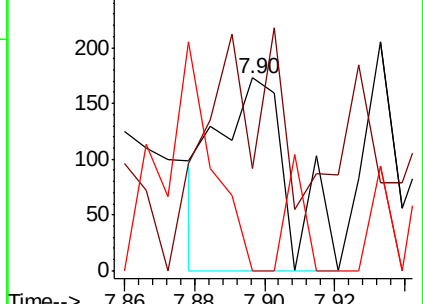
127 0.0 8.1 12.1#



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: 0.034 ug/l

RT: 7.79 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

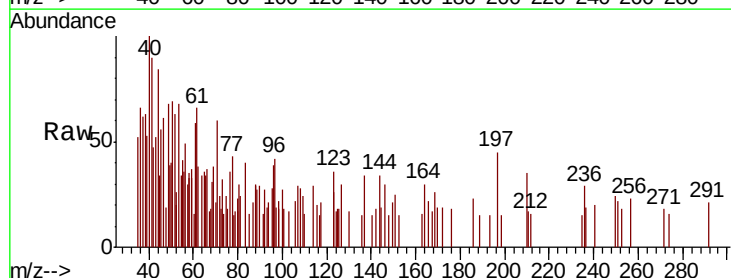
Tgt Ion: 41 Resp: 163

Ion Ratio Lower Upper

41 100

69 0.0 70.2 105.4#

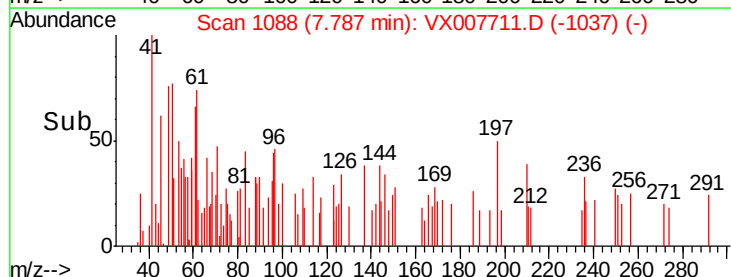
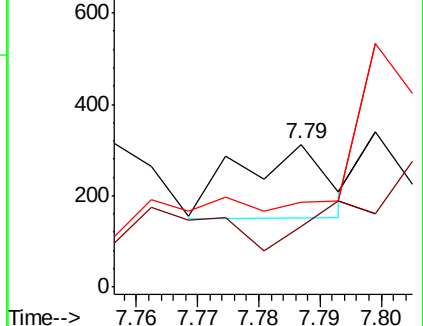
39 0.0 47.4 71.0#

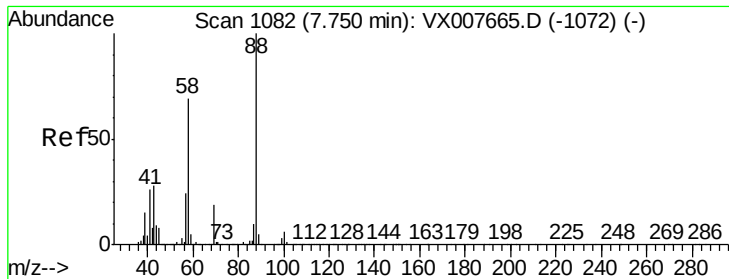


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

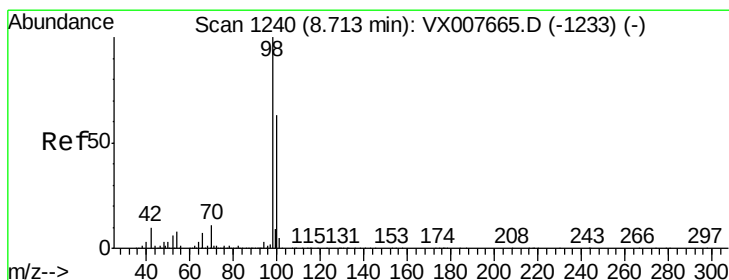
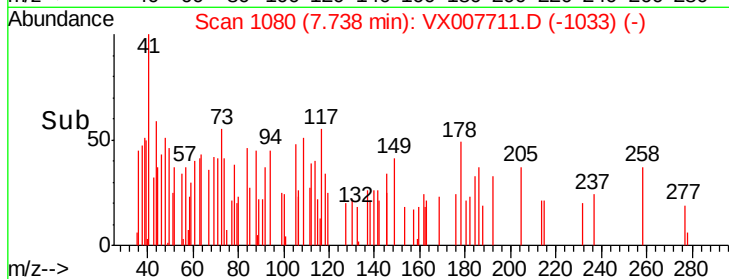
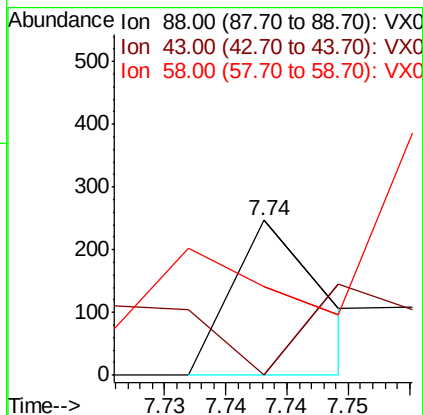
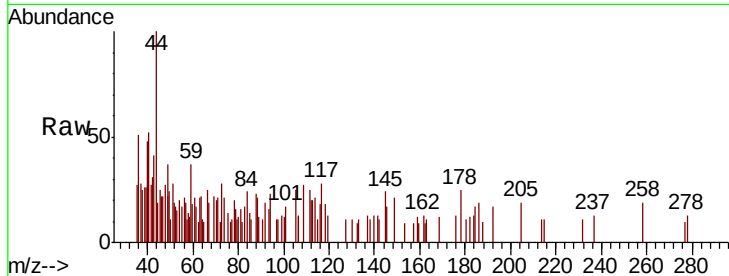




#49
1,4-Dioxane
Concen: 1.259 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.01 min
Lab File: VX007711.D
Acq: 26 Feb 2019 14:04

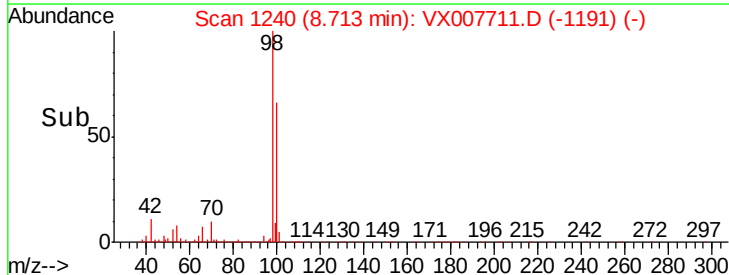
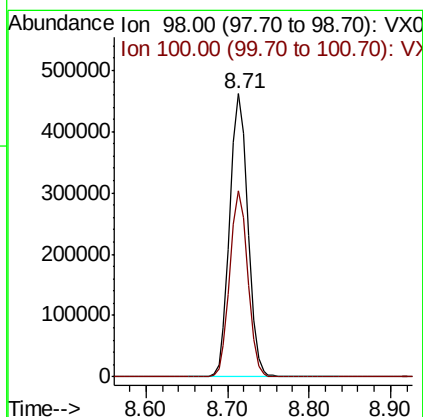
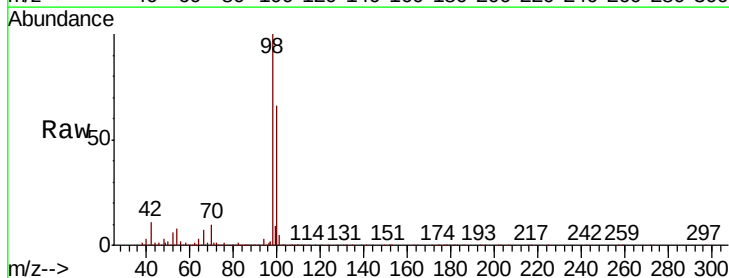
Instrument :
MSVOA_X
ClientSampled :
VX0226WBL01

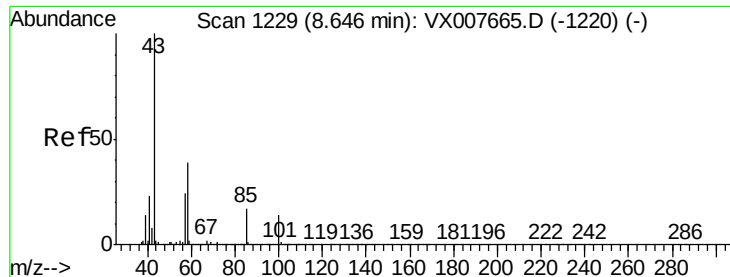
Tgt Ion: 88 Resp: 129
Ion Ratio Lower Upper
88 100
43 0.0 24.2 36.4#
58 217.8 53.0 79.4#



#50
Toluene-d8
Concen: 46.818 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007711.D
Acq: 26 Feb 2019 14:04

Tgt Ion: 98 Resp: 705698
Ion Ratio Lower Upper
98 100
100 64.8 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 0.182 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

Instrument :

MSVOA_X

ClientSampleId :

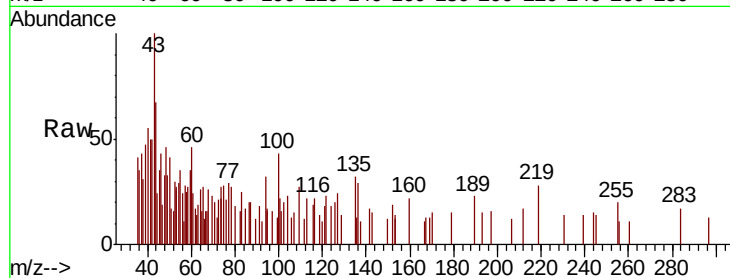
VX0226WBL01

Tgt Ion: 43 Resp: 1103

Ion Ratio Lower Upper

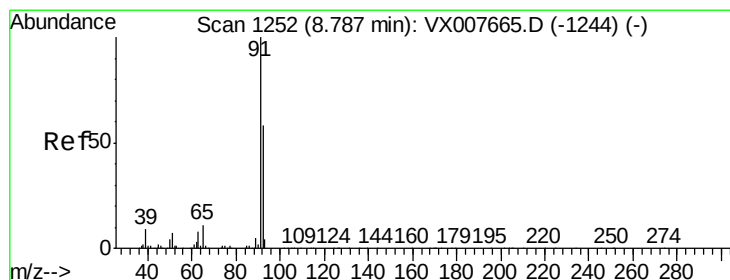
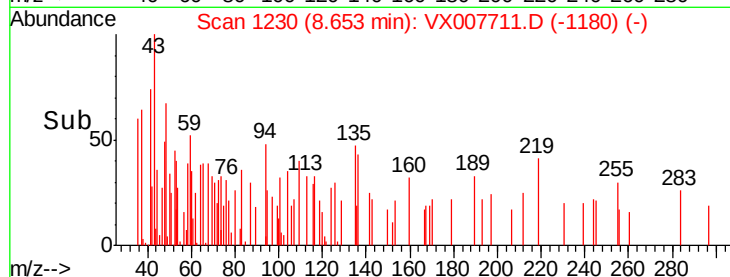
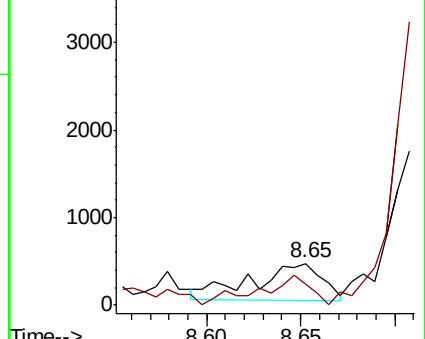
43 100

58 43.4 31.2 46.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 0.065 ug/l

RT: 8.77 min Scan# 1250

Delta R.T. -0.01 min

Lab File: VX007711.D

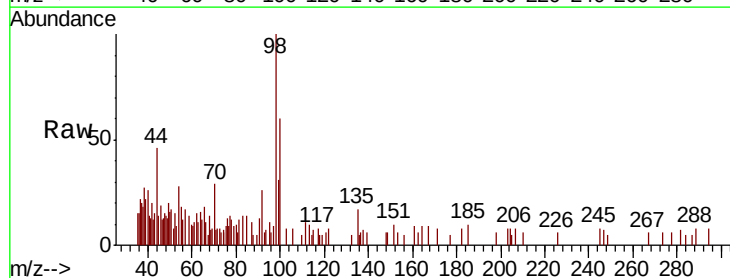
Acq: 26 Feb 2019 14:04

Tgt Ion: 92 Resp: 675

Ion Ratio Lower Upper

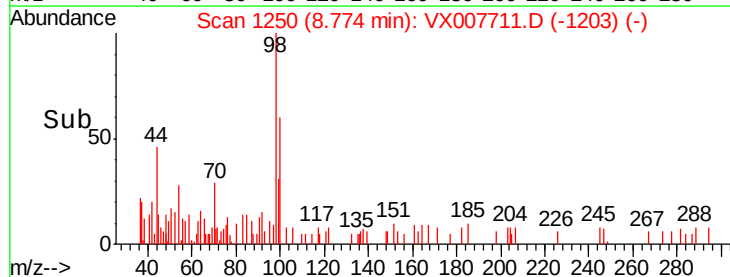
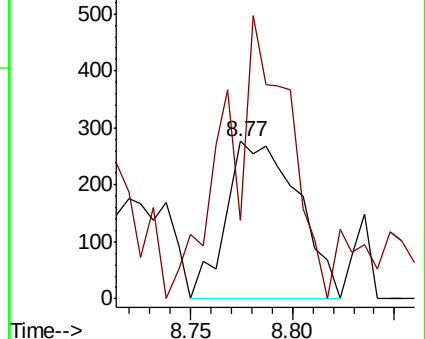
92 100

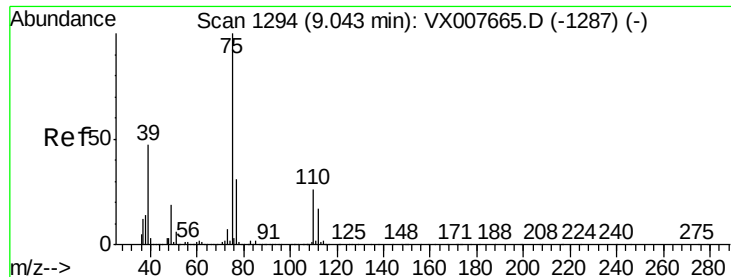
91 157.6 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 2.881 ug/l

RT: 9.05 min Scan# 1296

Delta R.T. 0.01 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

Instrument :

MSVOA_X

ClientSampled :

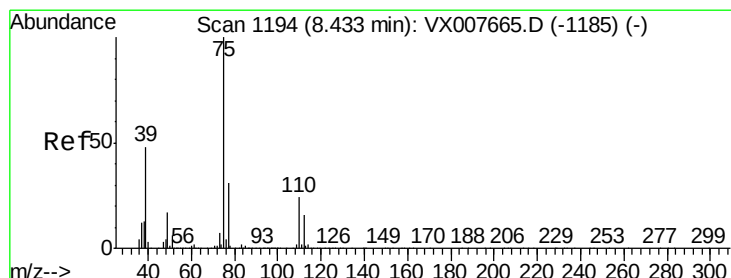
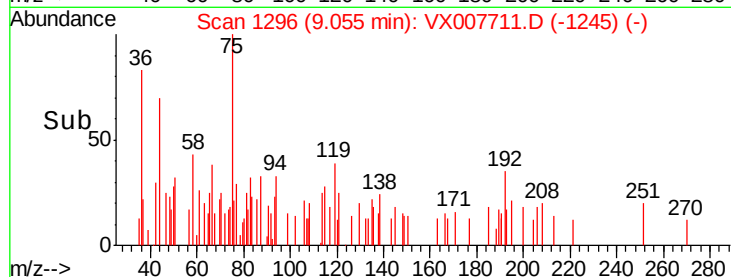
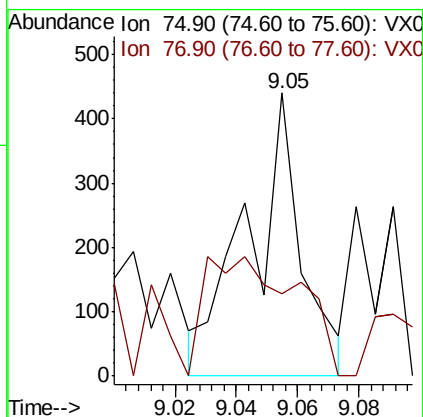
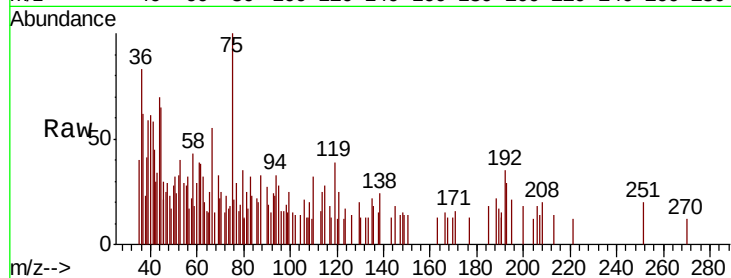
VX0226WBL01

Tgt Ion: 75 Resp: 526

Ion Ratio Lower Upper

75 100

77 27.5 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 0.076 ug/l

RT: 8.45 min Scan# 1197

Delta R.T. 0.02 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

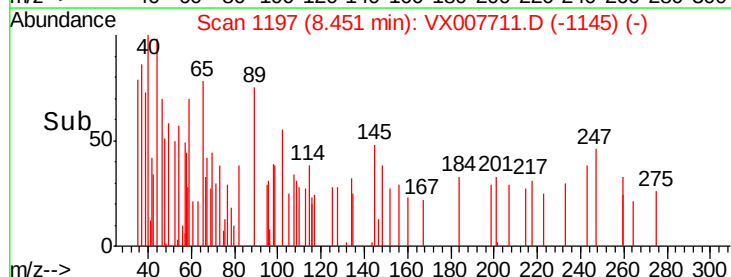
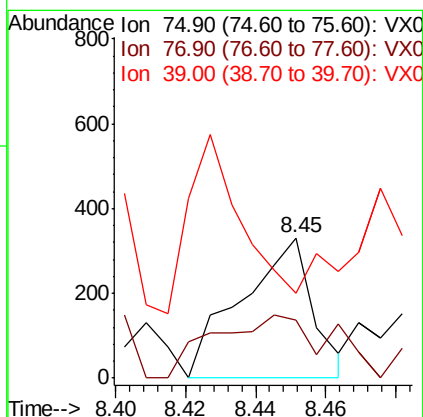
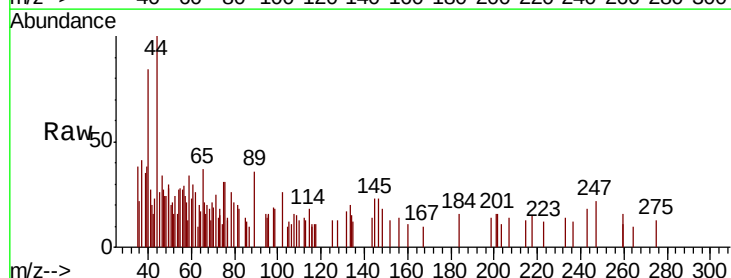
Tgt Ion: 75 Resp: 473

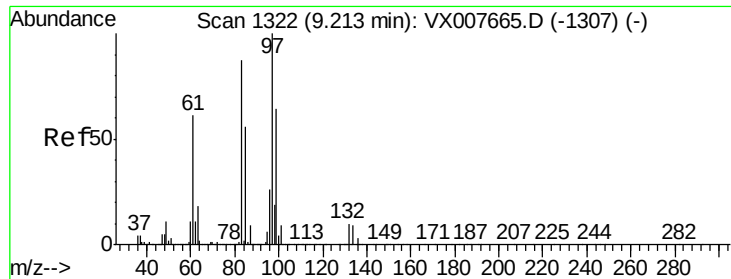
Ion Ratio Lower Upper

75 100

77 15.7 26.2 39.4#

39 0.0 37.1 55.7#





#55

1,1,2-Trichloroethane

Concen: 0.031 ug/l

RT: 9.20 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

Instrument :

MSVOA_X

ClientSampled :

VX0226WBL01

Tgt Ion: 97 Resp: 134

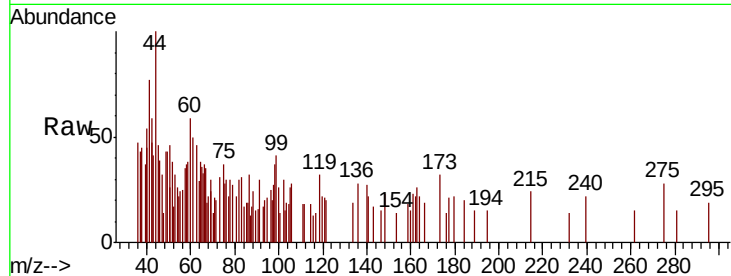
Ion Ratio Lower Upper

97 100

83 114.7 68.6 102.8#

85 0.0 44.5 66.7#

99 46.1 52.2 78.4#

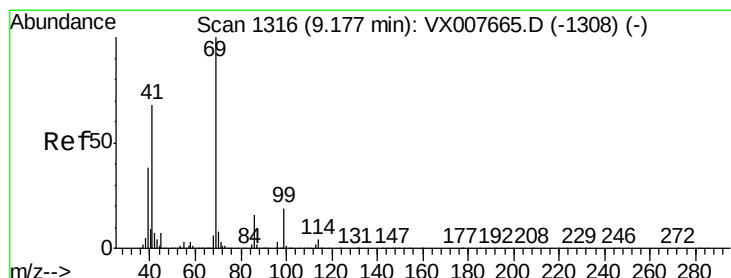
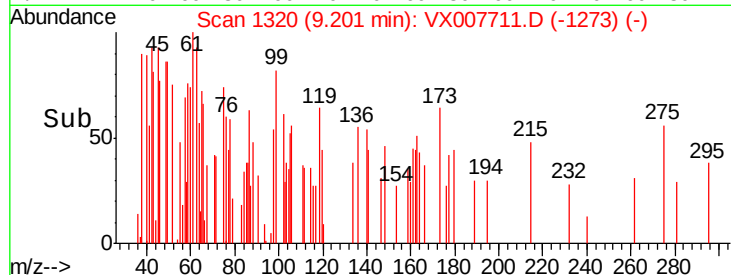
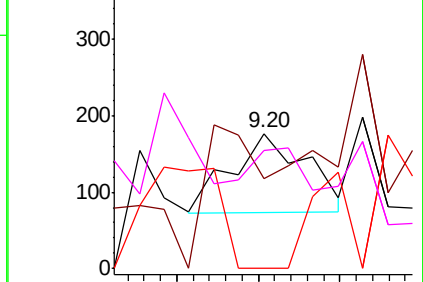


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 0.017 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

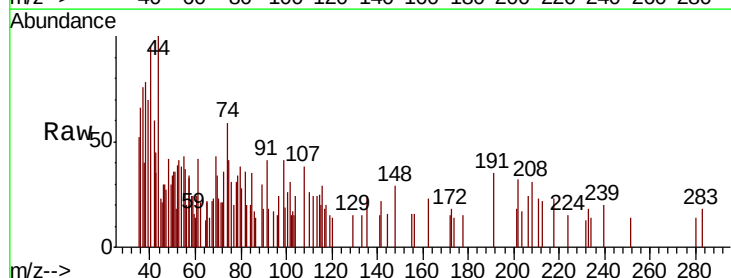
Tgt Ion: 69 Resp: 102

Ion Ratio Lower Upper

69 100

41 441.2 52.1 78.1#

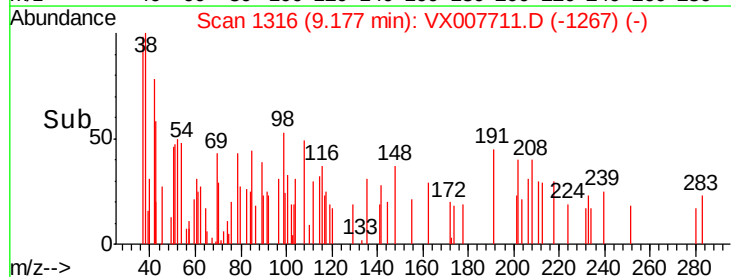
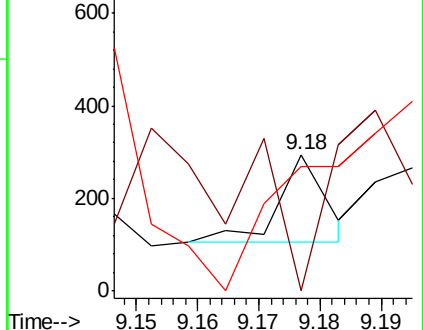
39 580.4 30.1 45.1#

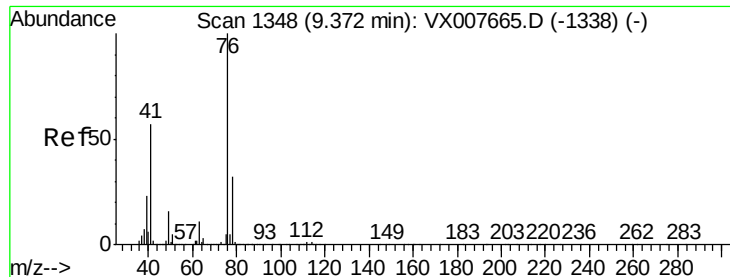


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 0.023 ug/l

RT: 9.56 min Scan# 1379

Delta R.T. 0.19 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

Instrument :

MSVOA_X

ClientSampleId :

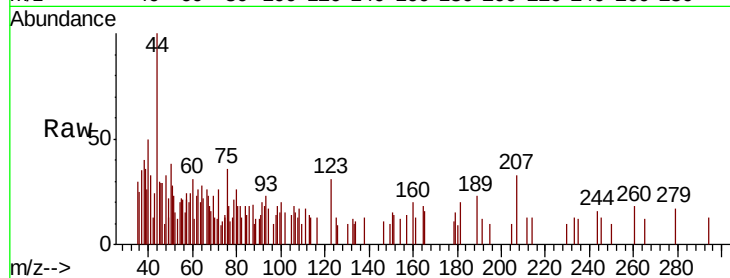
VX0226WBL01

Tgt Ion: 76 Resp: 160

Ion Ratio Lower Upper

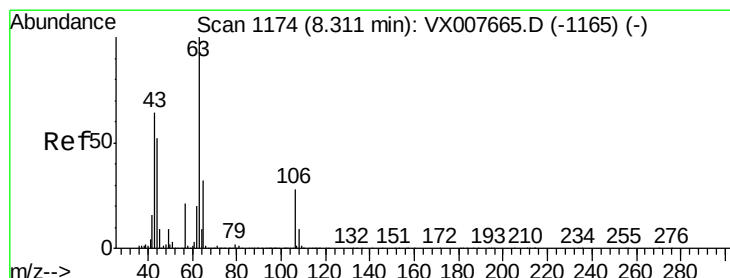
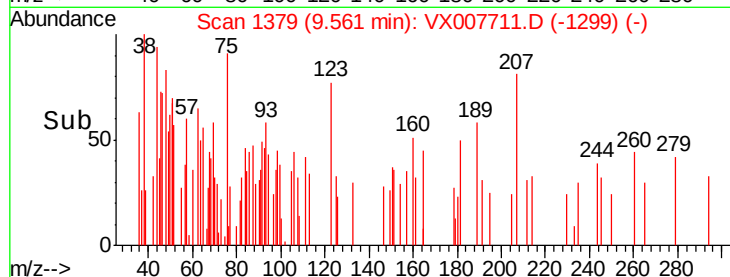
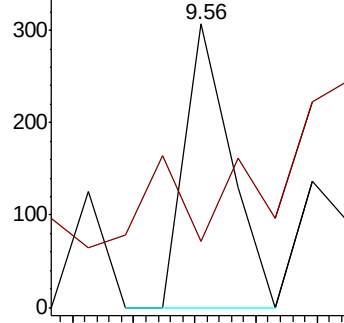
76 100

78 27.5 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 0.058 ug/l

RT: 8.37 min Scan# 1183

Delta R.T. 0.05 min

Lab File: VX007711.D

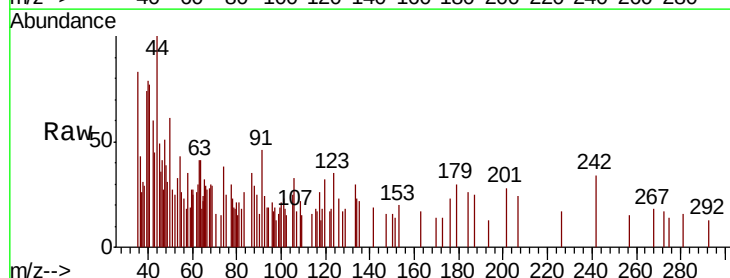
Acq: 26 Feb 2019 14:04

Tgt Ion: 63 Resp: 197

Ion Ratio Lower Upper

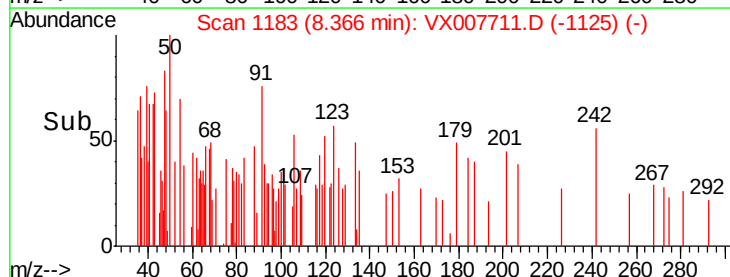
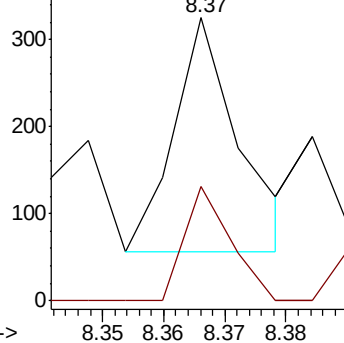
63 100

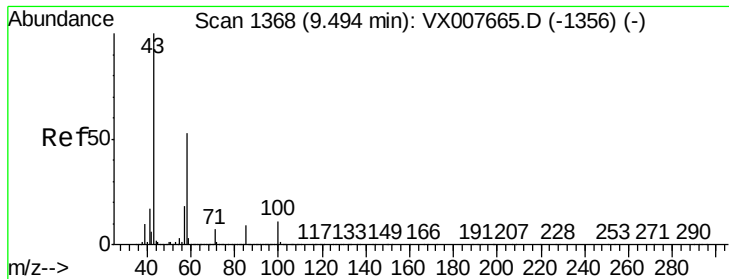
106 34.5 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

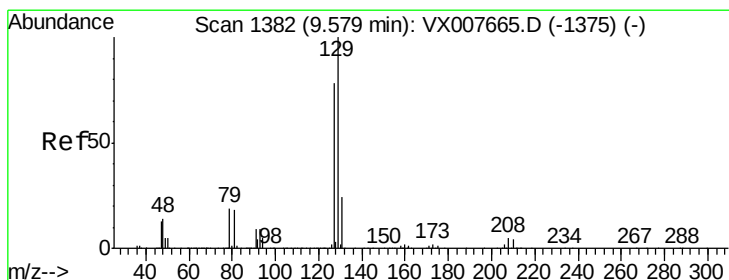
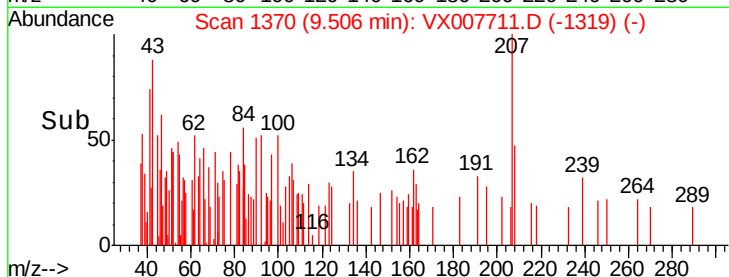
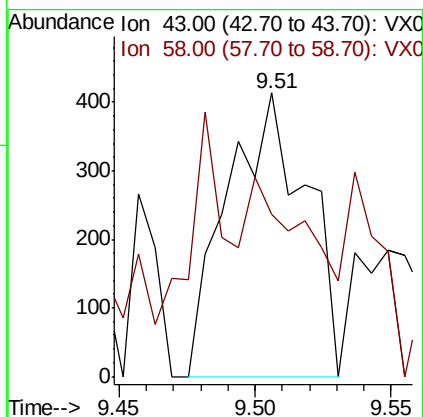
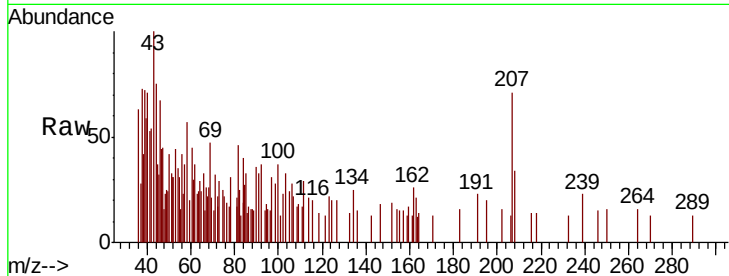




#59
2-Hexanone
Concen: 0.175 ug/l
RT: 9.51 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VX007711.D
Acq: 26 Feb 2019 14:04

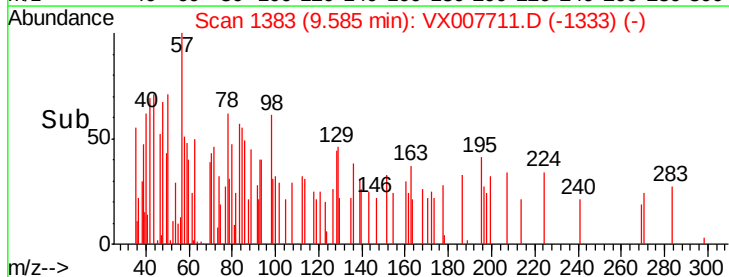
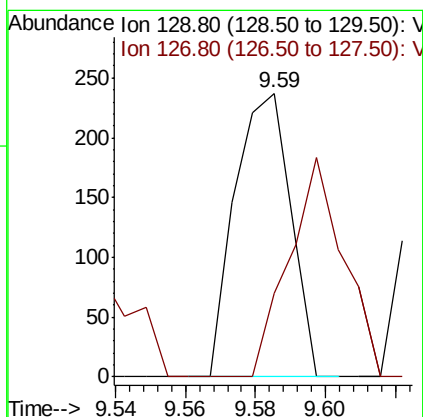
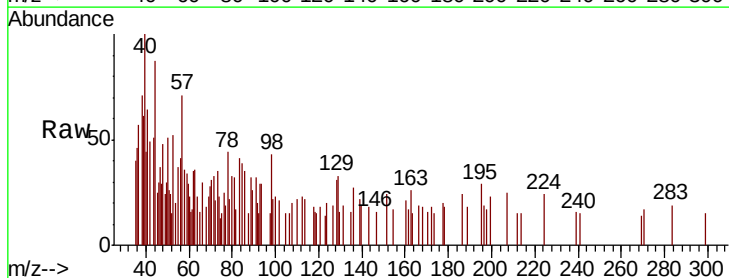
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBL01

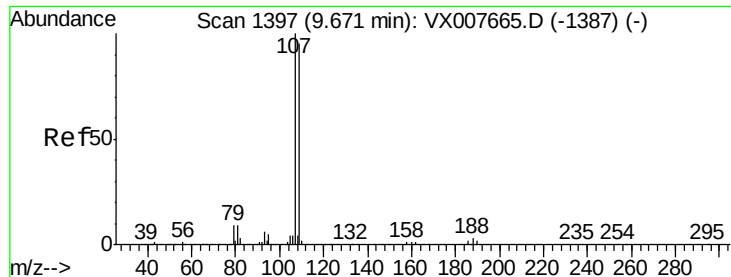
Tgt Ion: 43 Resp: 833
Ion Ratio Lower Upper
43 100
58 34.5 27.1 81.3



#60
Dibromochloromethane
Concen: 0.063 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007711.D
Acq: 26 Feb 2019 14:04

Tgt Ion: 129 Resp: 262
Ion Ratio Lower Upper
129 100
127 76.3 37.8 113.4





#61

1,2-Dibromoethane

Concen: 0.037 ug/l

RT: 9.62 min Scan# 1388

Delta R.T. -0.05 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

Instrument :

MSVOA_X

ClientSampled :

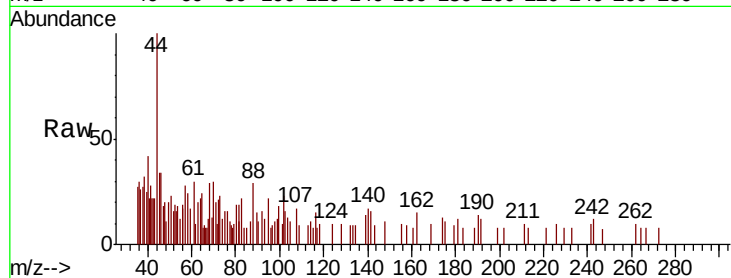
VX0226WBL01

Tgt Ion: 107 Resp: 166

Ion Ratio Lower Upper

107 100

109 83.7 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

200

150

100

50

0

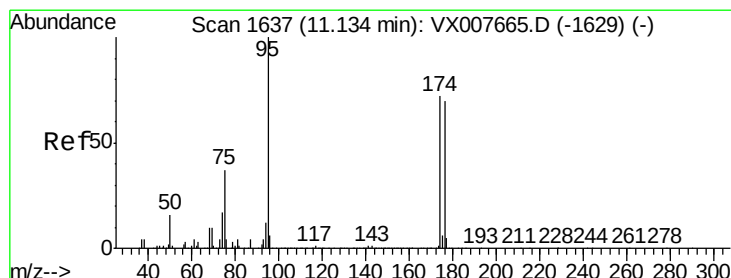
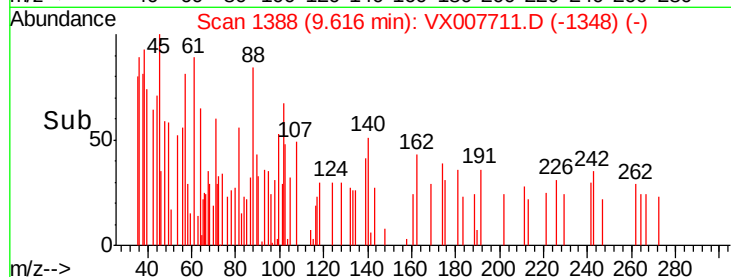
9.60

9.62

9.64

9.66

Time-->



#62

4-Bromofluorobenzene

Concen: 44.465 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

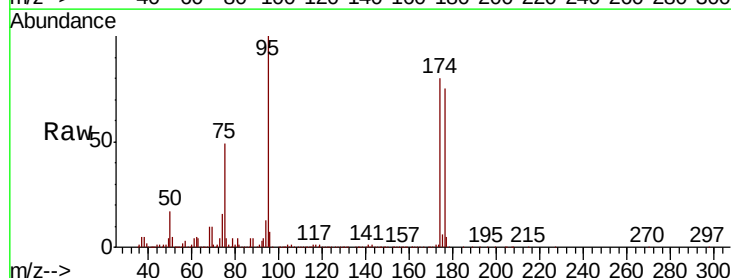
Tgt Ion: 95 Resp: 245999

Ion Ratio Lower Upper

95 100

174 85.3 0.0 189.2

176 81.8 0.0 186.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

150000

100000

50000

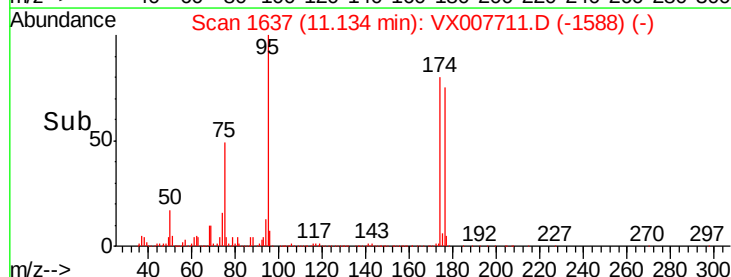
0

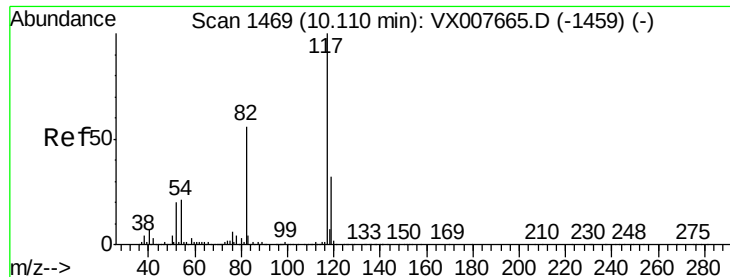
11.10

11.13

11.20

Time-->

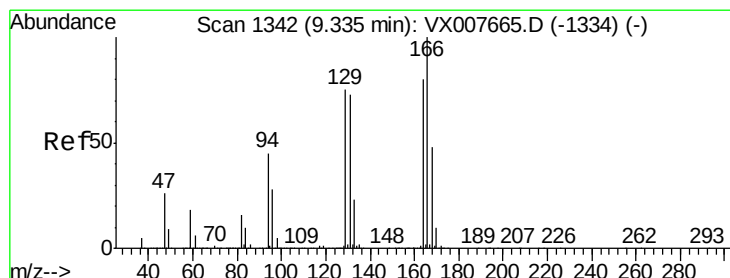
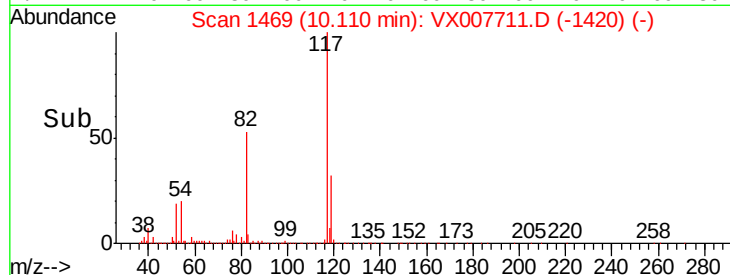
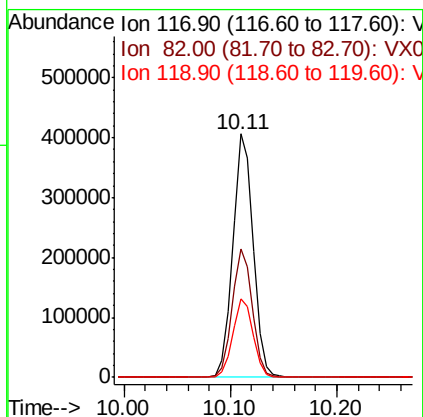
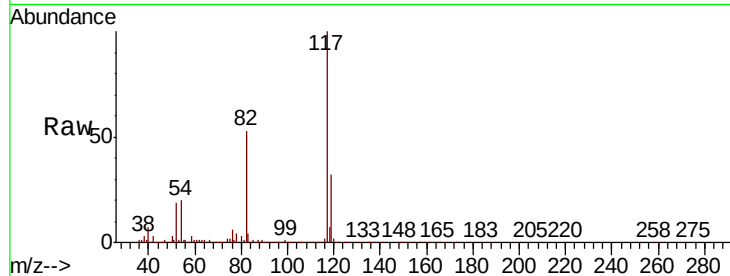




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007711.D
Acq: 26 Feb 2019 14:04

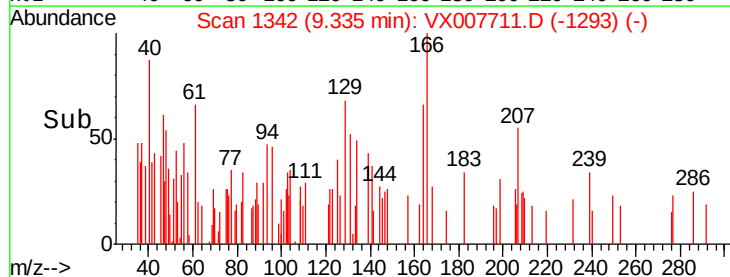
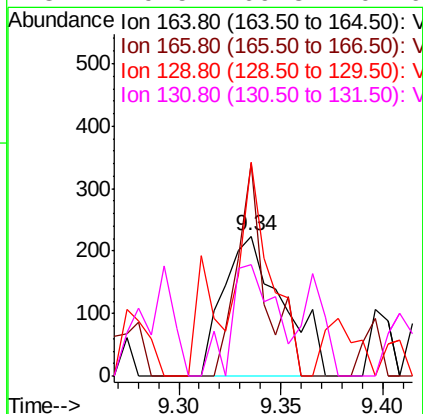
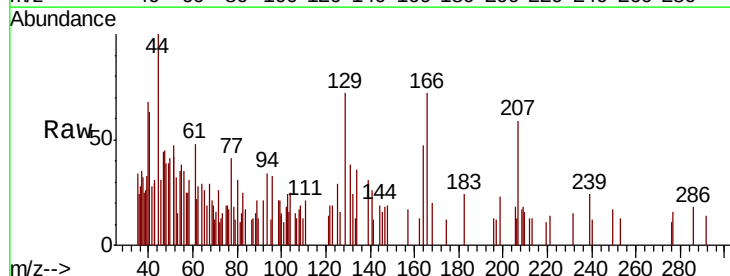
Instrument :
MSVOA_X
ClientSampleId :
VX0226WBL01

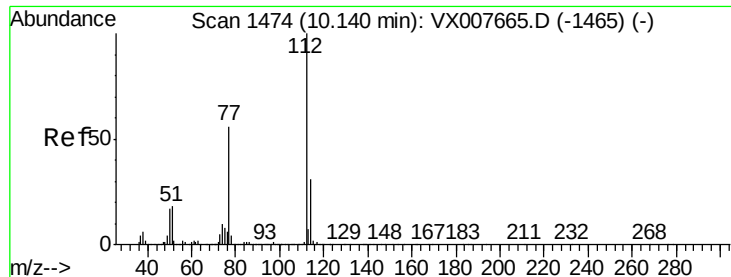
Tgt Ion:117 Resp: 544403
Ion Ratio Lower Upper
117 100
82 52.6 42.1 63.1
119 32.2 26.5 39.7



#64
Tetrachloroethene
Concen: 0.103 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007711.D
Acq: 26 Feb 2019 14:04

Tgt Ion:164 Resp: 454
Ion Ratio Lower Upper
164 100
166 151.8 101.0 151.4#
129 152.7 70.5 105.7#
131 79.5 69.8 104.6





#65

Chlorobenzene

Concen: 0.085 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

Instrument :

MSVOA_X

ClientSampleId :

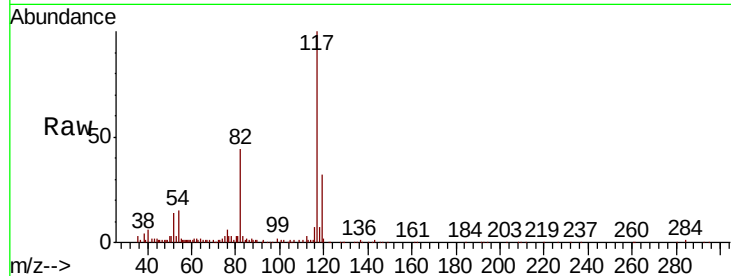
VX0226WBL01

Tgt Ion:112 Resp: 1003

Ion Ratio Lower Upper

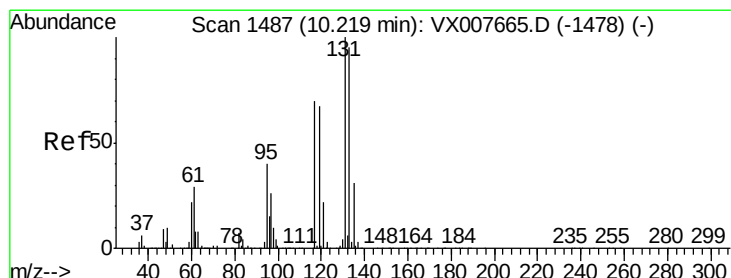
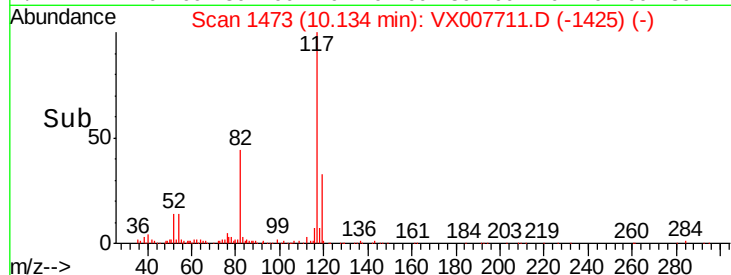
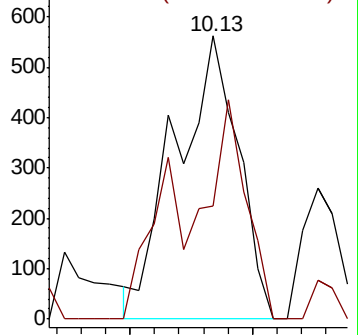
112 100

114 39.9 25.8 38.6#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 0.009 ug/l

RT: 10.20 min Scan# 1484

Delta R.T. -0.02 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

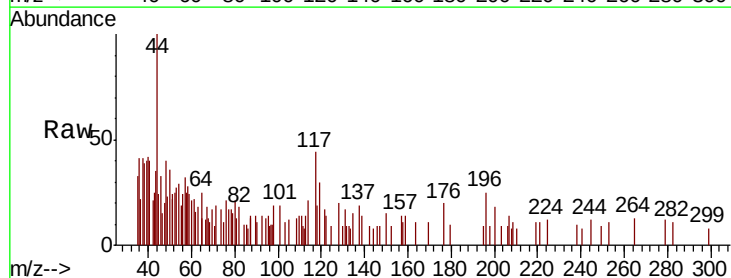
Tgt Ion:131 Resp: 38

Ion Ratio Lower Upper

131 100

133 397.4 48.0 144.2#

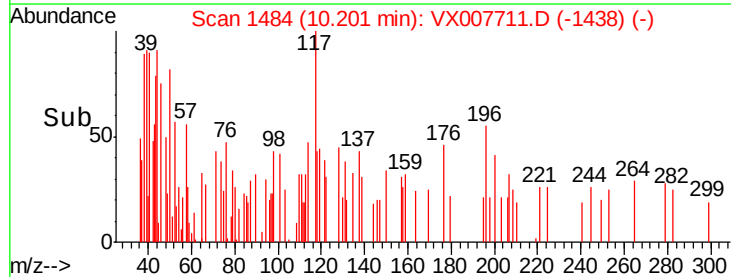
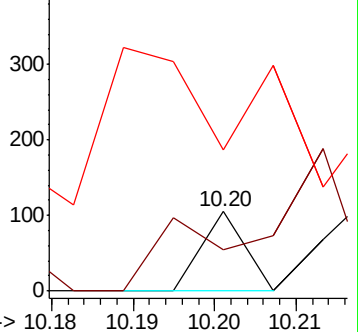
119 0.0 32.0 96.0#

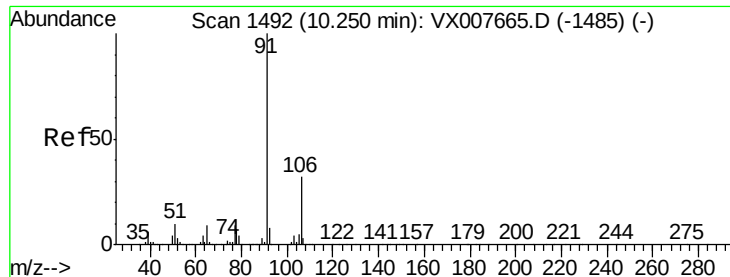


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 0.058 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

Instrument :

MSVOA_X

ClientSampleId :

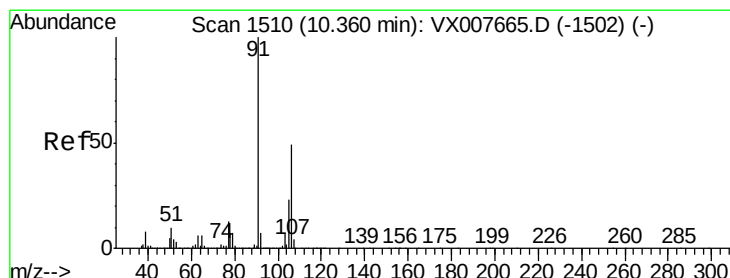
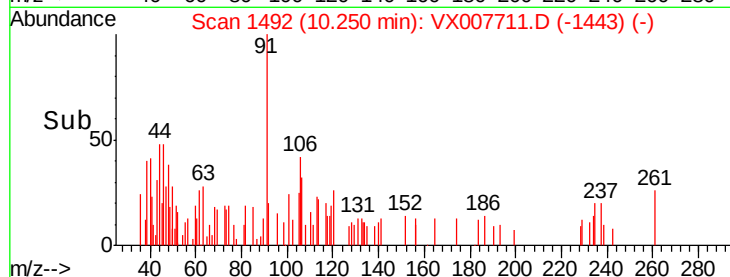
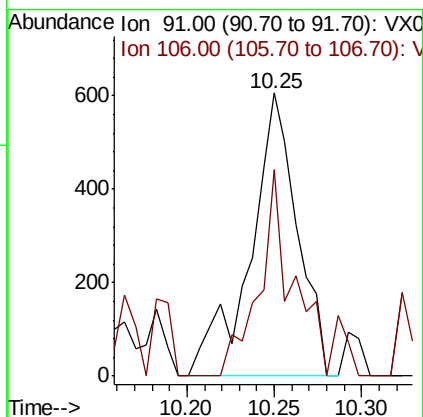
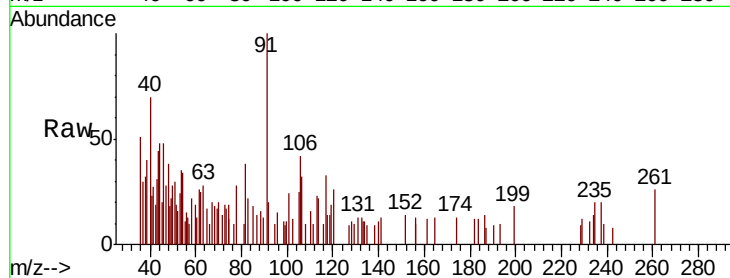
VX0226WBL01

Tgt Ion: 91 Resp: 1136

Ion Ratio Lower Upper

91 100

106 73.1 25.4 38.0#



#68

m/p-Xylenes

Concen: 0.128 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007711.D

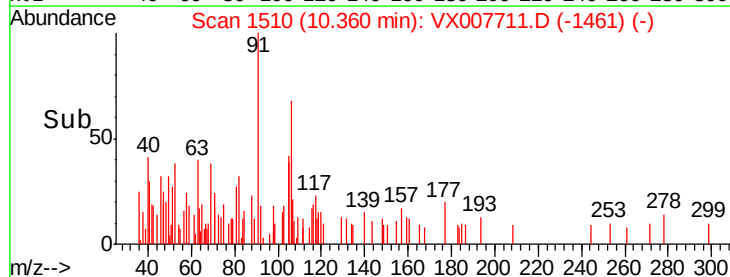
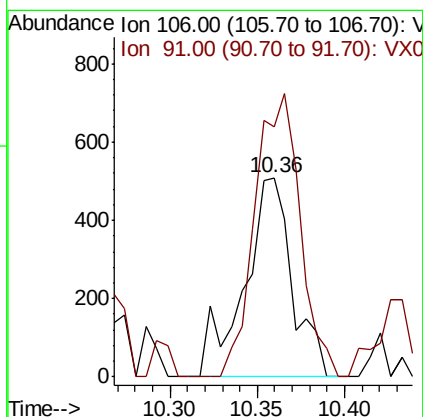
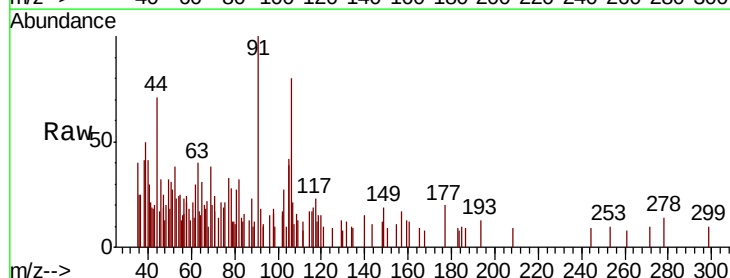
Acq: 26 Feb 2019 14:04

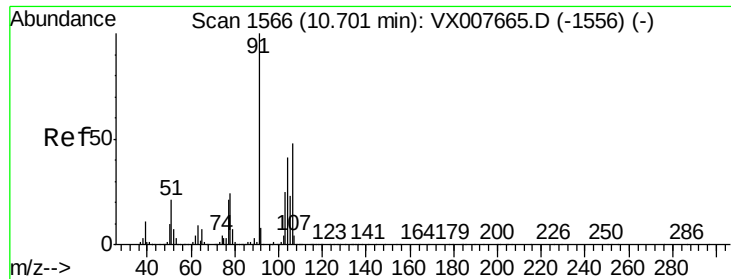
Tgt Ion: 106 Resp: 974

Ion Ratio Lower Upper

106 100

91 133.0 156.6 234.8#

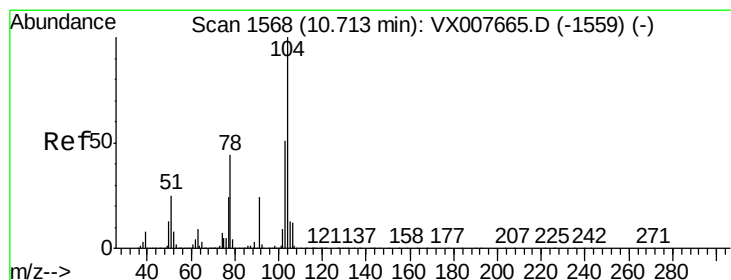
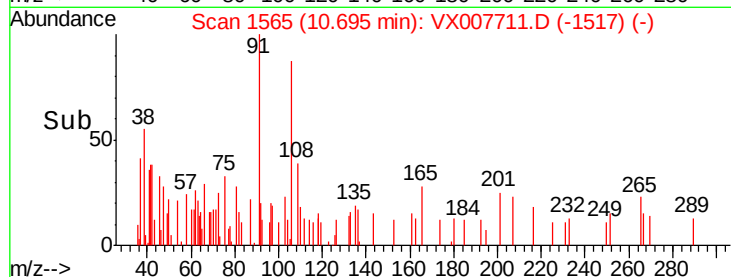
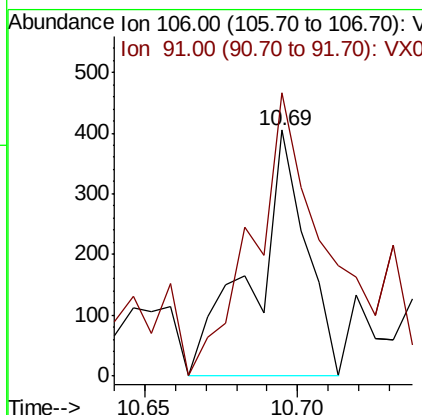
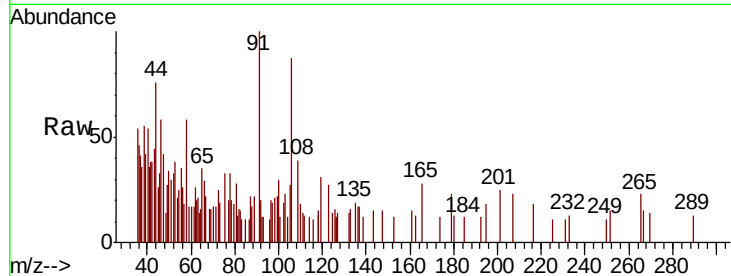




#69
o-Xylene
Concen: 0.066 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007711.D
Acq: 26 Feb 2019 14:04

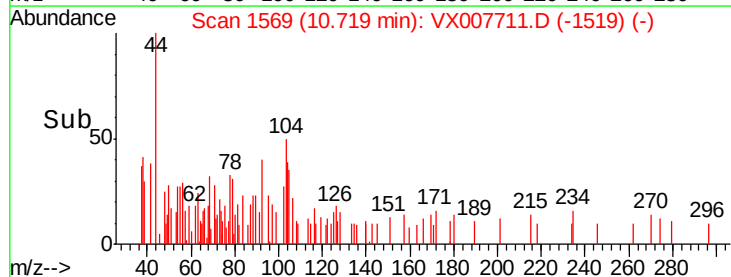
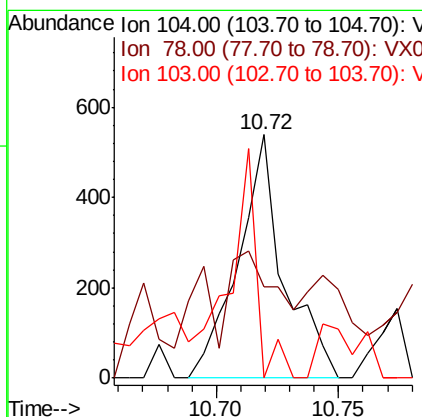
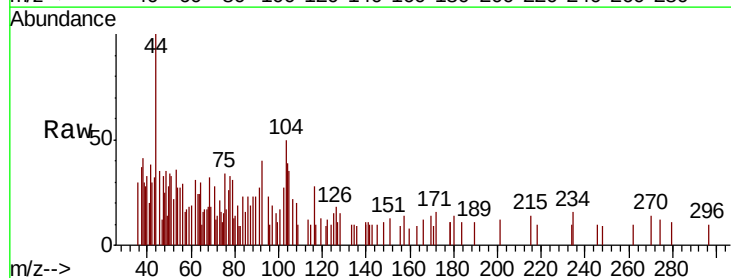
Instrument :
MSVOA_X
ClientSampled :
VX0226WBL01

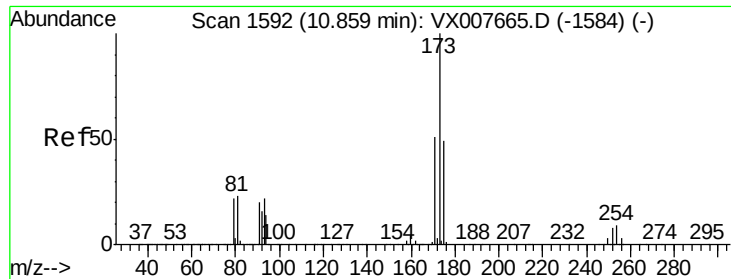
Tgt Ion:106 Resp: 481
Ion Ratio Lower Upper
106 100
91 155.1 102.9 308.7



#70
Styrene
Concen: 0.058 ug/l
RT: 10.72 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VX007711.D
Acq: 26 Feb 2019 14:04

Tgt Ion:104 Resp: 701
Ion Ratio Lower Upper
104 100
78 39.8 38.3 57.5
103 56.1 44.6 67.0





#71

Bromoform

Concen: 0.034 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

Instrument :

MSVOA_X

ClientSampled :

VX0226WBL01

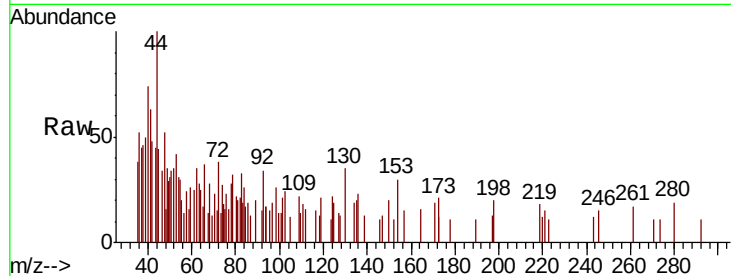
Tgt Ion:173 Resp: 106

Ion Ratio Lower Upper

173 100

175 0.0 24.2 72.6#

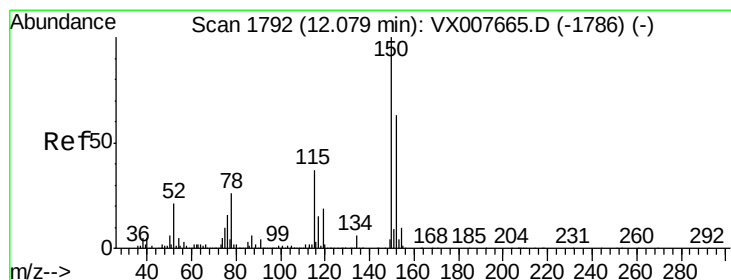
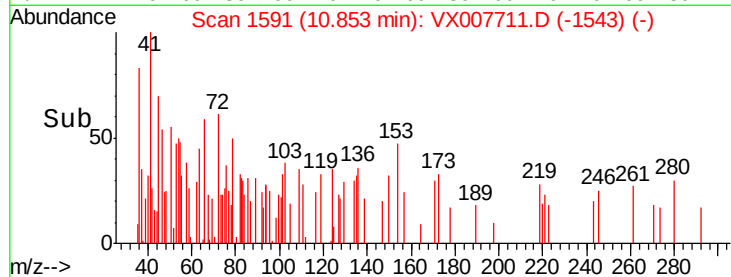
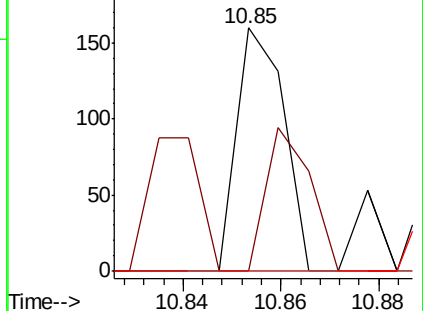
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

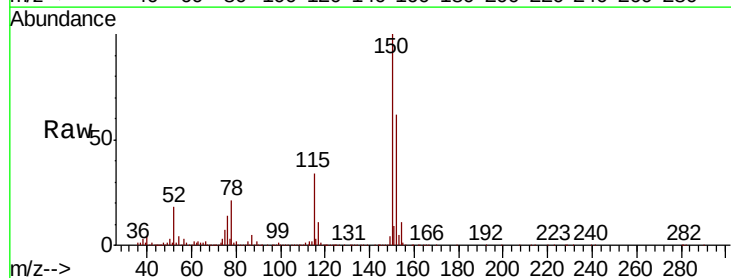
Tgt Ion:152 Resp: 243183

Ion Ratio Lower Upper

152 100

115 57.4 38.0 114.0

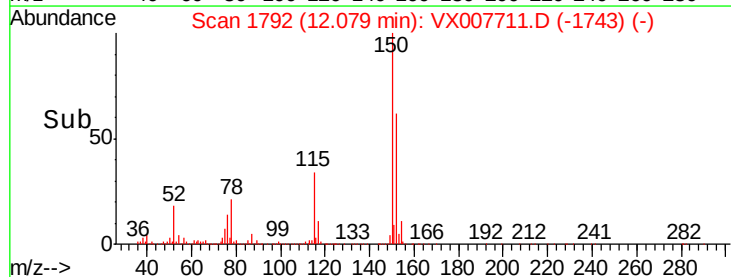
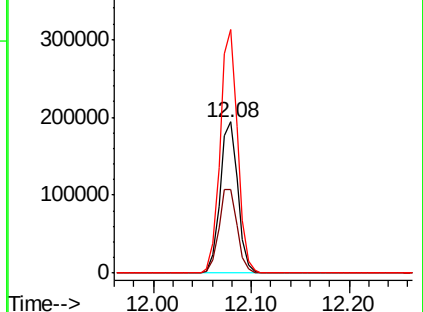
150 157.9 0.0 346.4

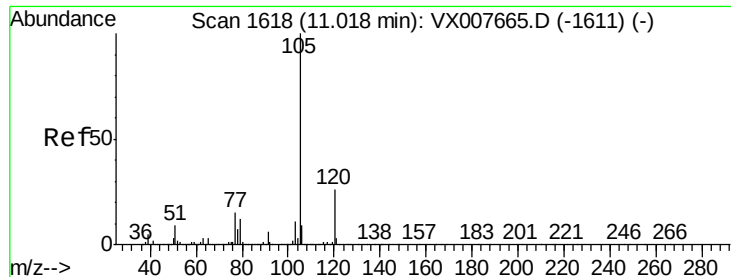


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.052 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

Instrument :

MSVOA_X

ClientSampleId :

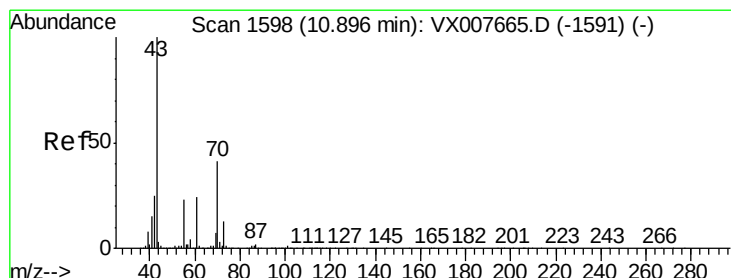
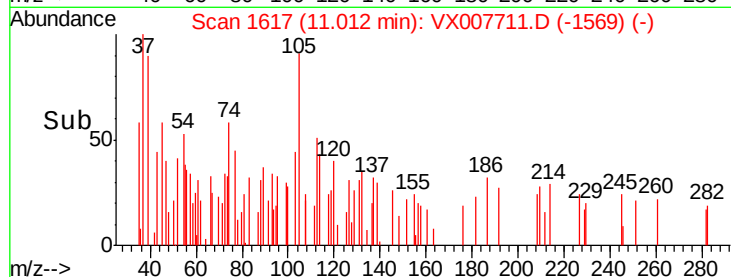
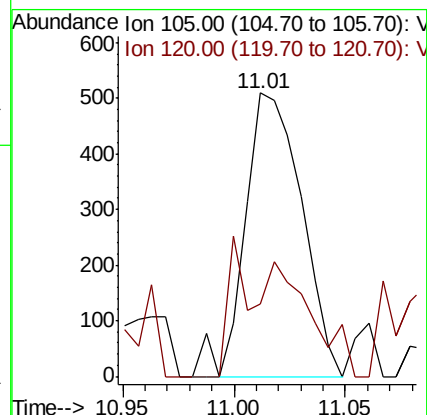
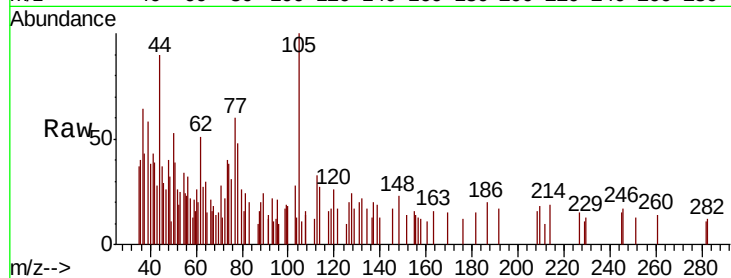
VX0226WBL01

Tgt Ion: 105 Resp: 906

Ion Ratio Lower Upper

105 100

120 30.9 13.6 40.7



#74

N-ethyl acetate

Concen: 0.037 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.02 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

Tgt Ion: 43 Resp: 276

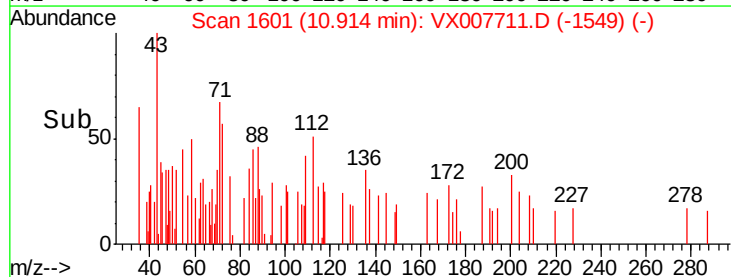
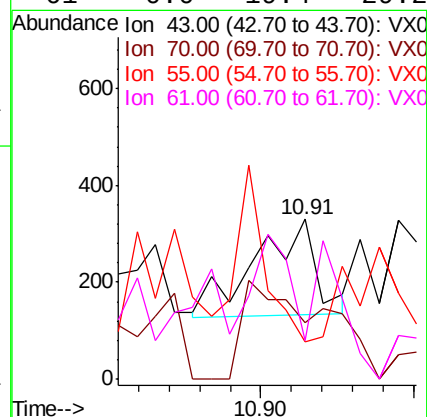
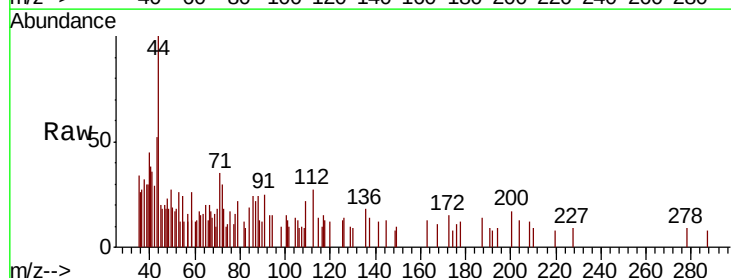
Ion Ratio Lower Upper

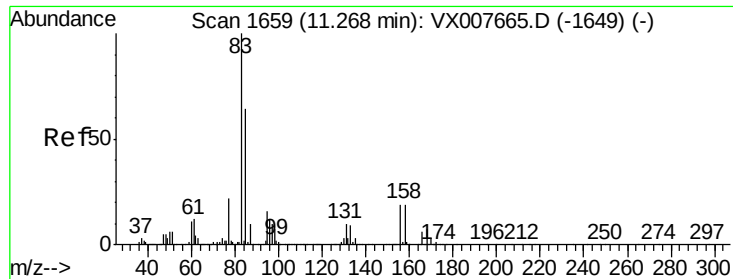
43 100

70 133.7 33.8 50.6#

55 98.2 19.5 29.3#

61 0.0 19.4 29.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.062 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.20 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBL01

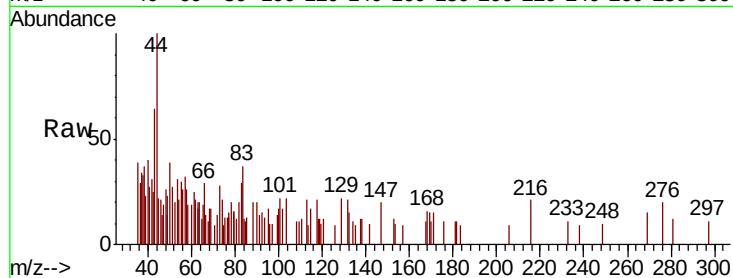
Tgt Ion: 83 Resp: 375

Ion Ratio Lower Upper

83 100

131 8.5 5.7 17.0

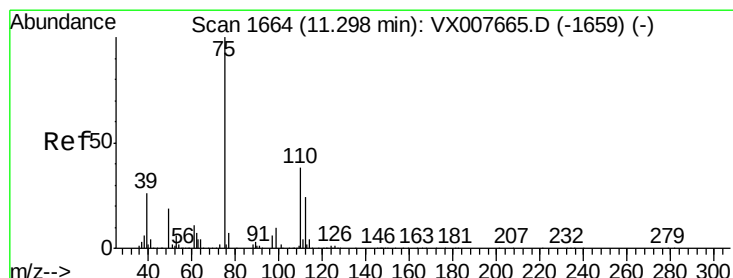
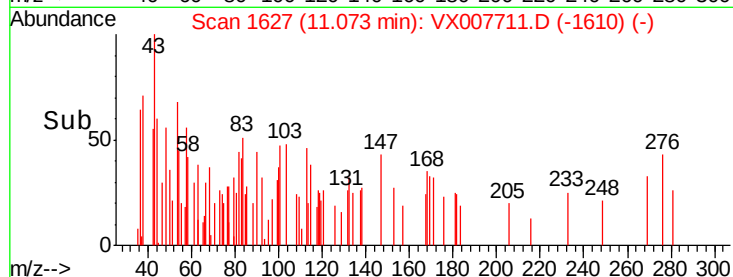
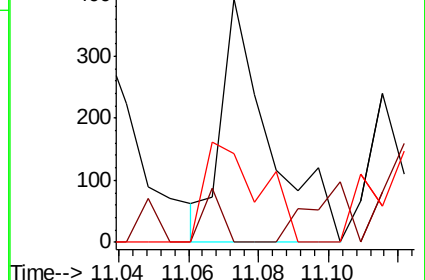
85 47.2 32.8 98.3



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: 23.032 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007711.D

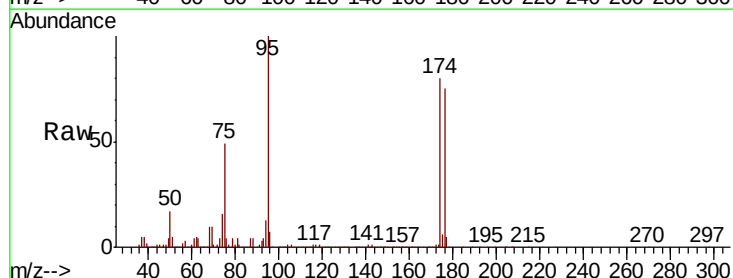
Acq: 26 Feb 2019 14:04

Tgt Ion: 75 Resp: 119386

Ion Ratio Lower Upper

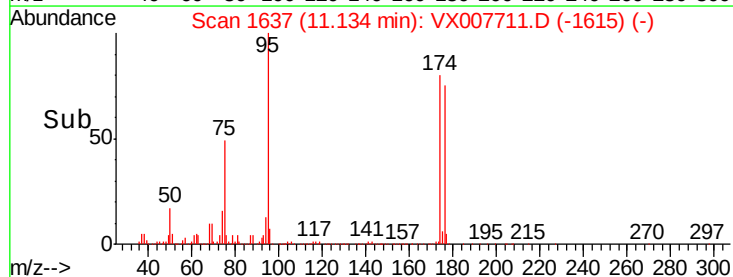
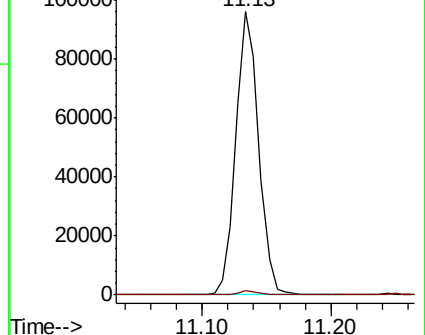
75 100

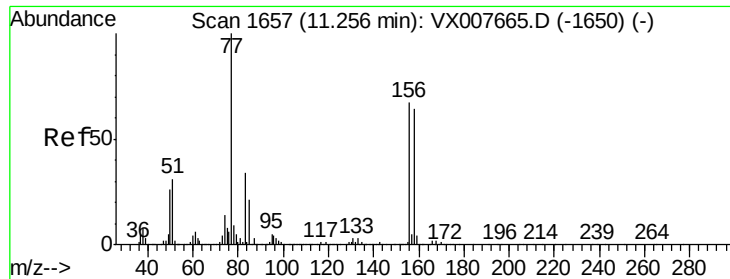
77 1.6 23.0 69.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 0.108 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. 0.01 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

Instrument :

MSVOA_X

ClientSampled :

VX0226WBL01

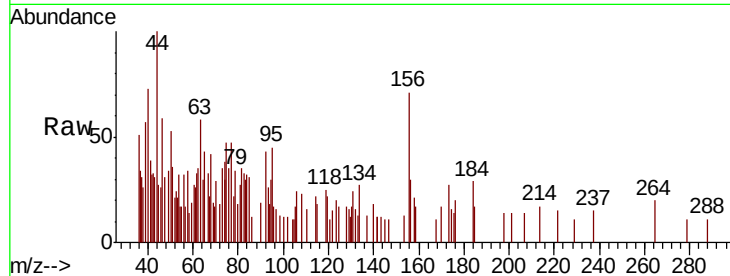
Tgt Ion: 156 Resp: 470

Ion Ratio Lower Upper

156 100

77 199.4 66.8 200.6

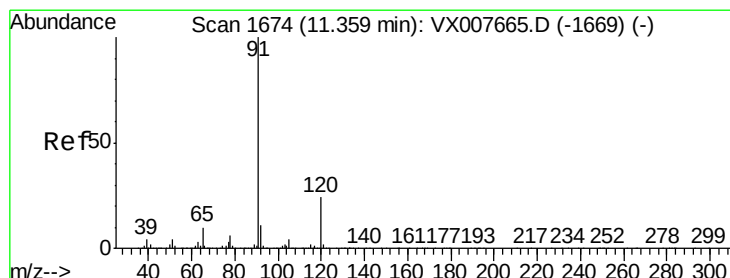
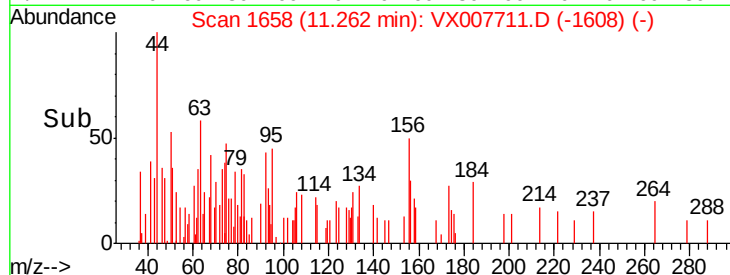
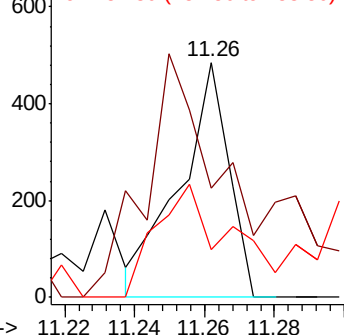
158 73.8 47.9 143.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.051 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.06 min

Lab File: VX007711.D

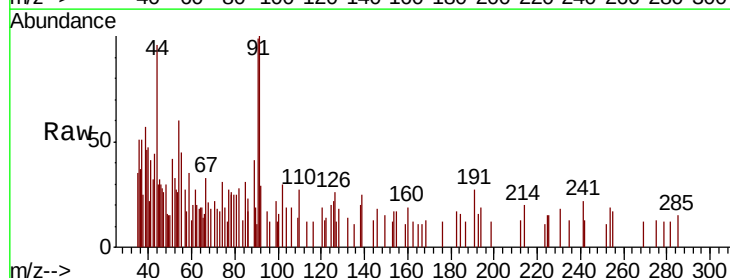
Acq: 26 Feb 2019 14:04

Tgt Ion: 91 Resp: 1007

Ion Ratio Lower Upper

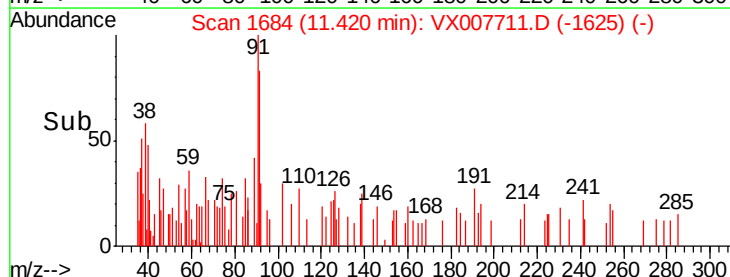
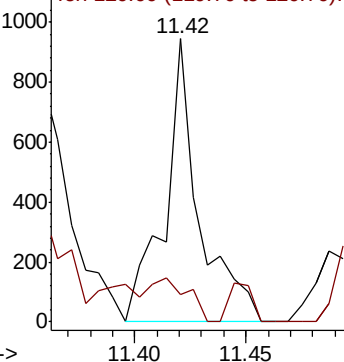
91 100

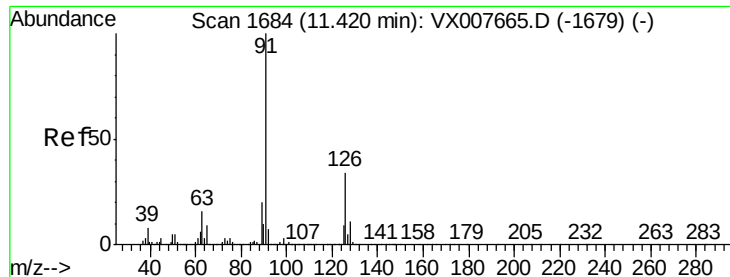
120 17.2 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

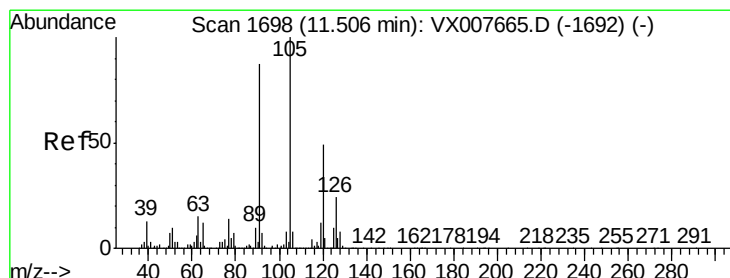
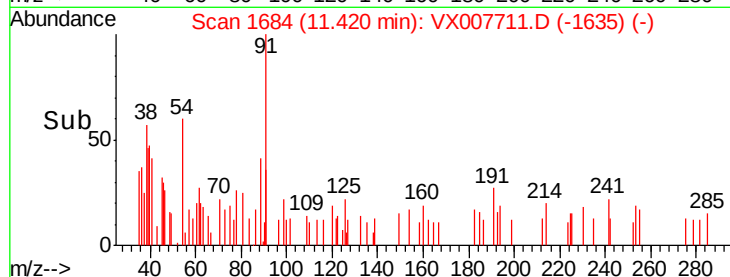
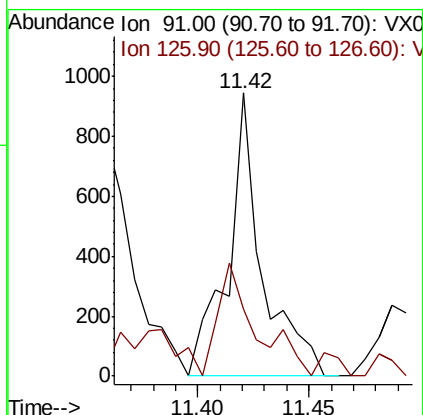
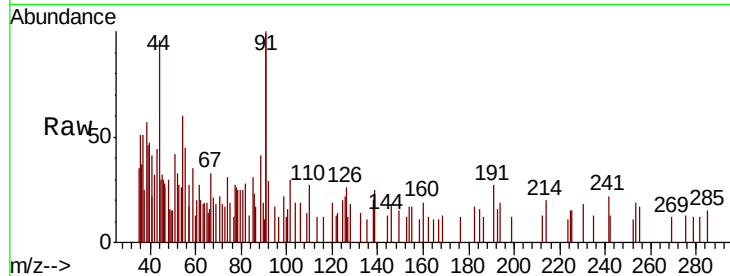




#79
2-Chlorotoluene
Concen: 0.085 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX007711.D
Acq: 26 Feb 2019 14:04

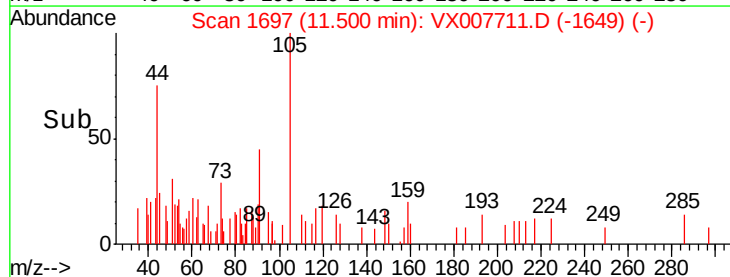
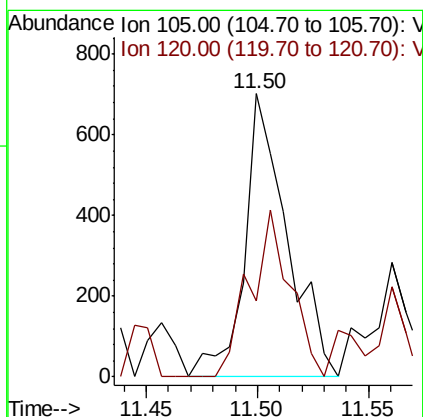
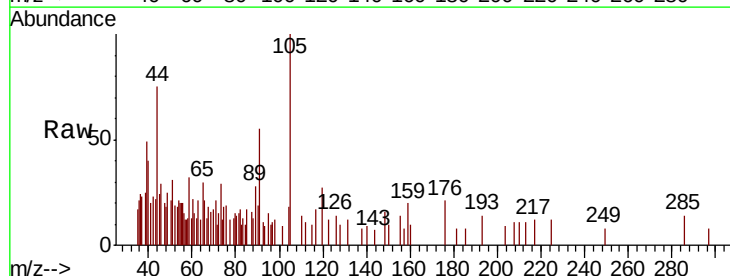
Instrument :
MSVOA_X
ClientSampled :
VX0226WBL01

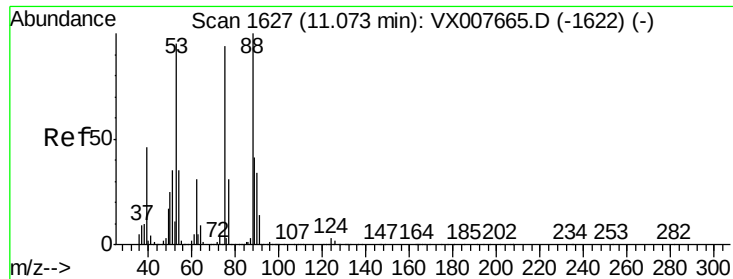
Tgt Ion: 91 Resp: 1007
Ion Ratio Lower Upper
91 100
126 44.3 18.7 56.1



#80
1,3,5-Trimethylbenzene
Concen: 0.066 ug/l
RT: 11.50 min Scan# 1697
Delta R.T. -0.01 min
Lab File: VX007711.D
Acq: 26 Feb 2019 14:04

Tgt Ion: 105 Resp: 937
Ion Ratio Lower Upper
105 100
120 55.7 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 61.013 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBL01

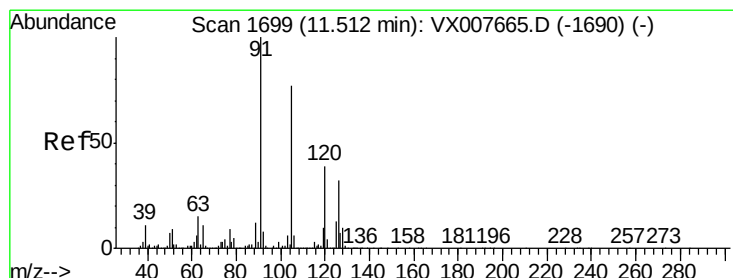
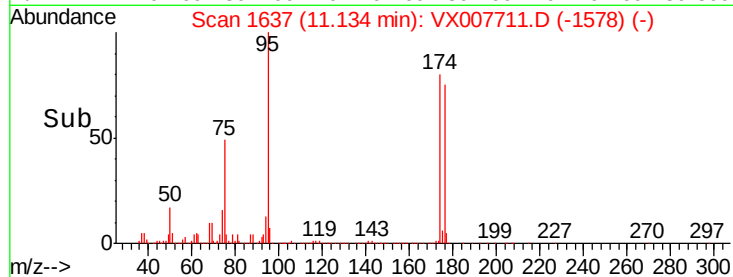
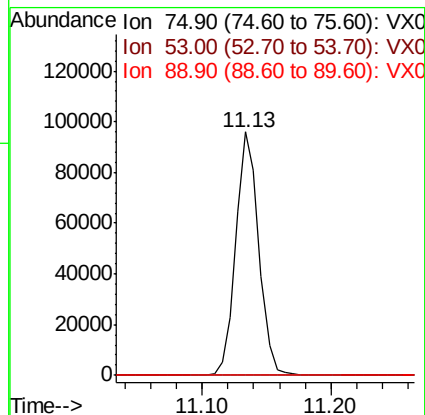
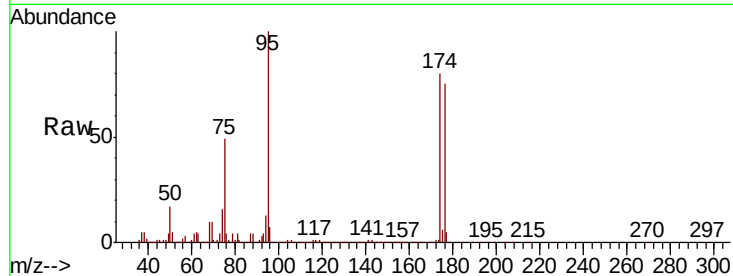
Tgt Ion: 75 Resp: 119386

Ion Ratio Lower Upper

75 100

53 0.3 81.0 121.6#

89 0.0 41.4 62.0#



#82

4-Chlorotoluene

Concen: 0.107 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007711.D

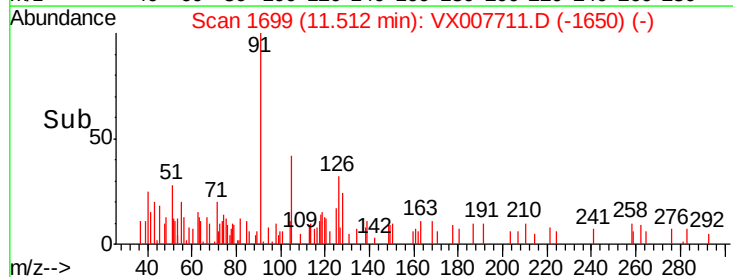
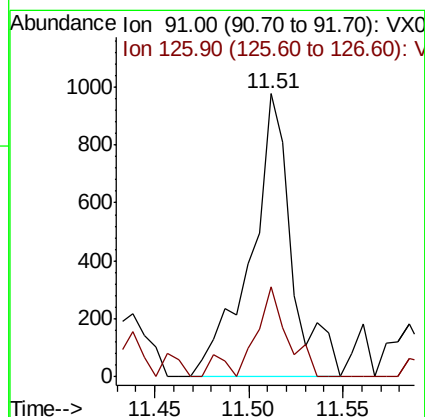
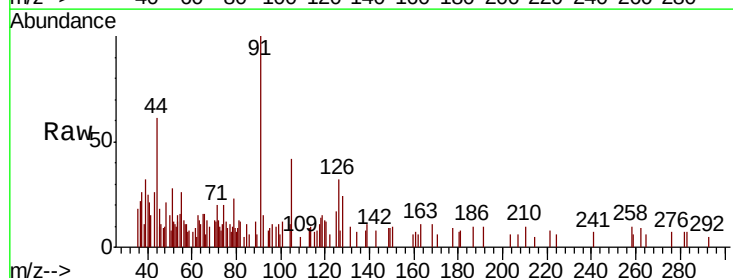
Acq: 26 Feb 2019 14:04

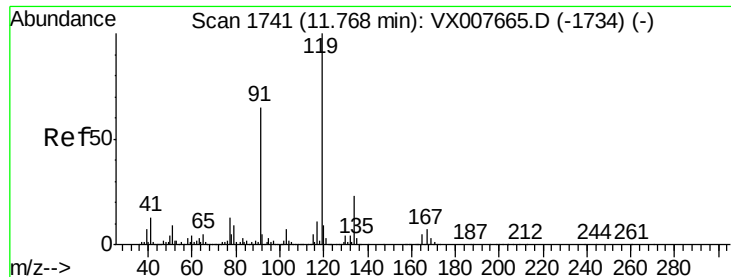
Tgt Ion: 91 Resp: 1478

Ion Ratio Lower Upper

91 100

126 26.5 16.2 48.5

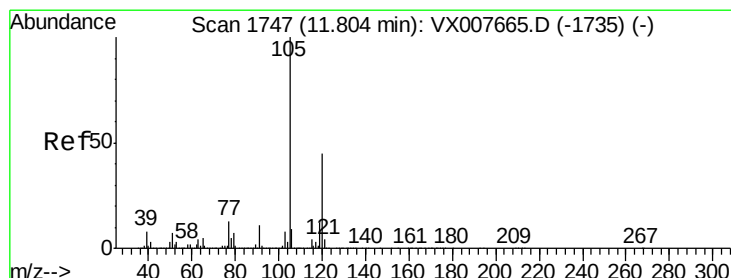
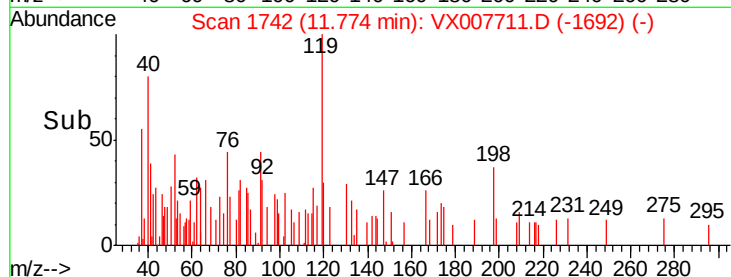
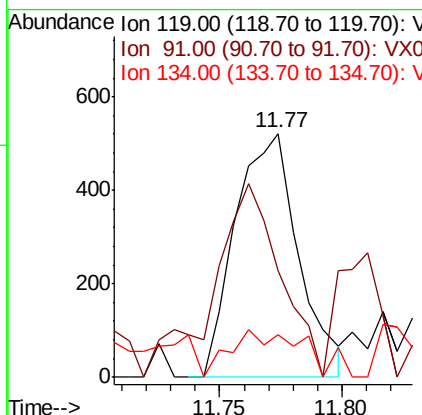
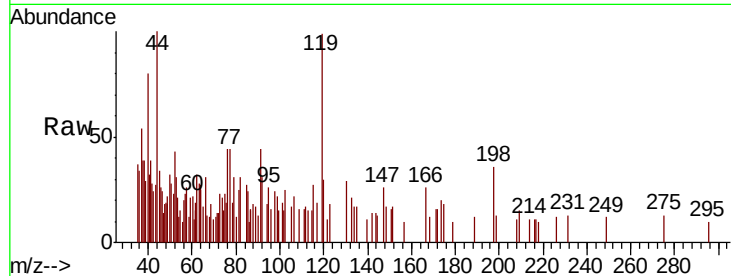




#83
 tert-Butylbenzene
 Concen: 0.068 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.01 min
 Lab File: VX007711.D
 Acq: 26 Feb 2019 14:04

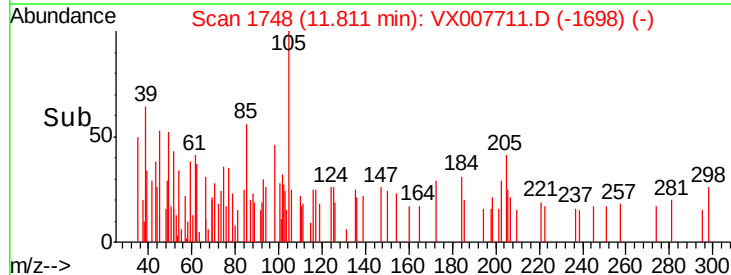
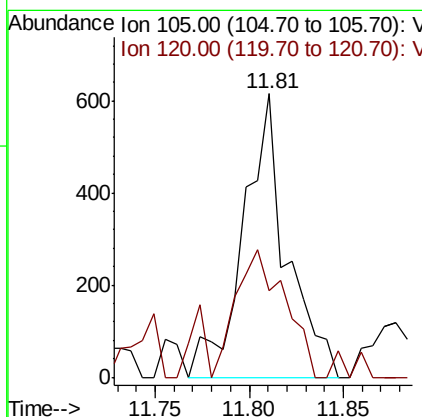
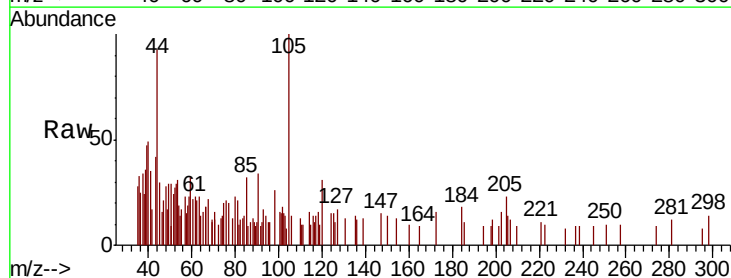
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBL01

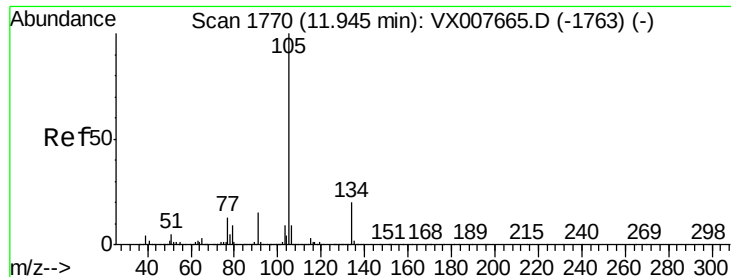
Tgt Ion:119 Resp: 935
 Ion Ratio Lower Upper
 119 100
 91 84.7 28.5 85.6
 134 23.0 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 0.067 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX007711.D
 Acq: 26 Feb 2019 14:04

Tgt Ion:105 Resp: 978
 Ion Ratio Lower Upper
 105 100
 120 51.3 23.1 69.3





#85

sec-Butylbenzene

Concen: 0.062 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

Instrument :

MSVOA_X

ClientSampleId :

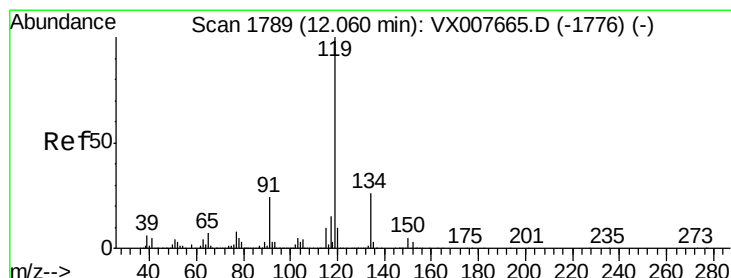
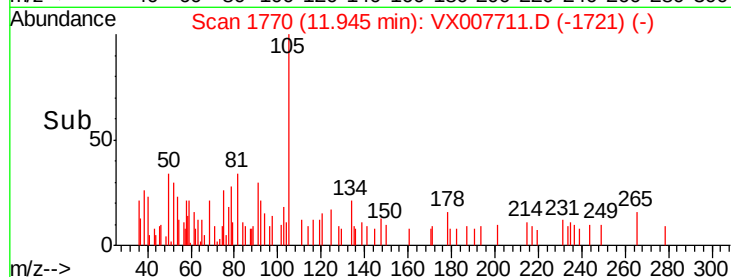
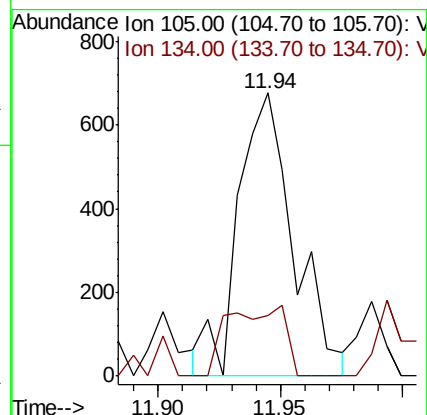
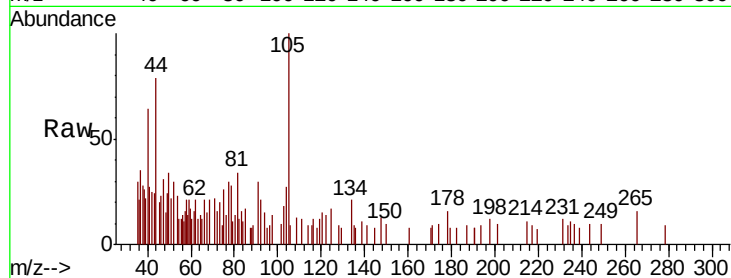
VX0226WBL01

Tgt Ion:105 Resp: 1071

Ion Ratio Lower Upper

105 100

134 25.5 10.6 31.8



#86

p-Isopropyltoluene

Concen: 0.057 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

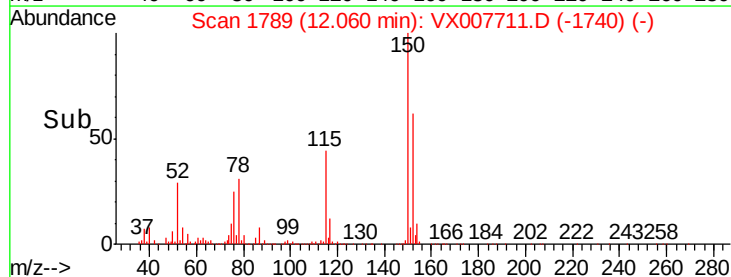
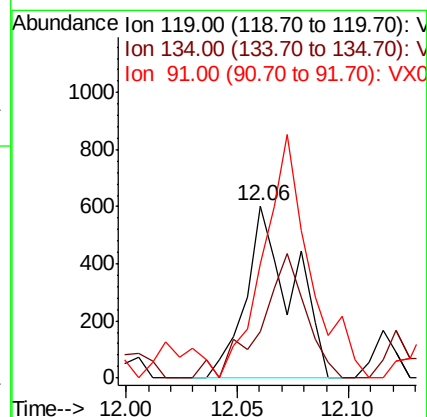
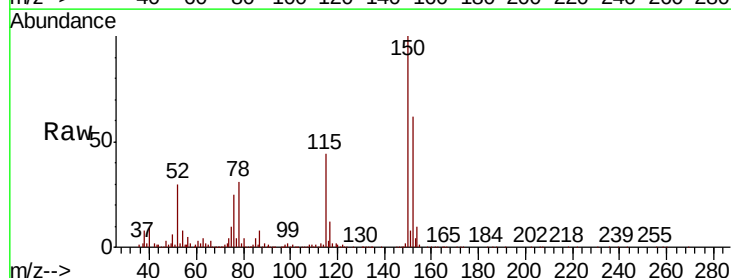
Tgt Ion:119 Resp: 866

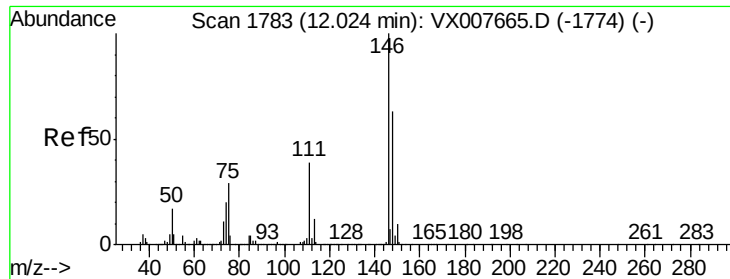
Ion Ratio Lower Upper

119 100

134 71.4 13.7 41.1#

91 142.4 11.2 33.5#





#87

1,3-Dichlorobenzene

Concen: 0.143 ug/l

RT: 12.03 min Scan# 1784

Delta R.T. 0.01 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBL01

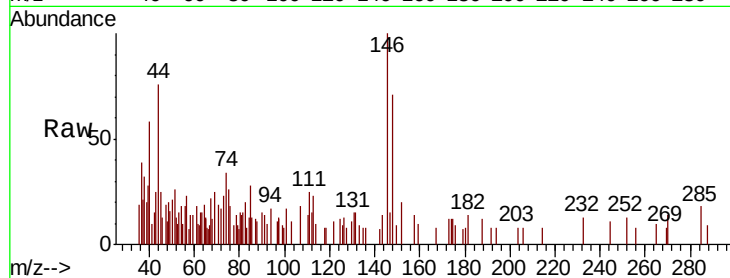
Tgt Ion:146 Resp: 1158

Ion Ratio Lower Upper

146 100

111 34.0 18.1 54.1

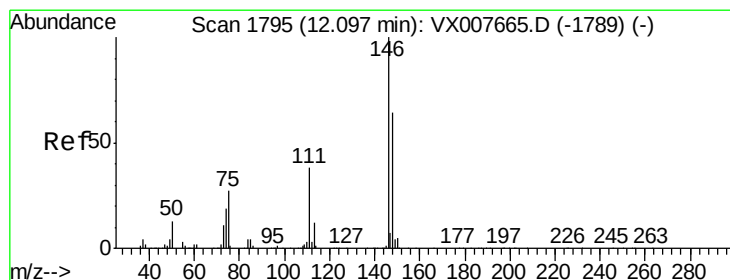
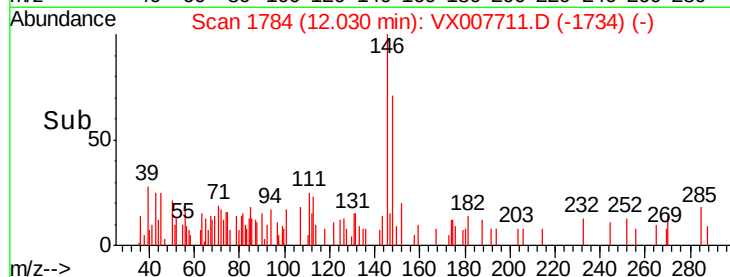
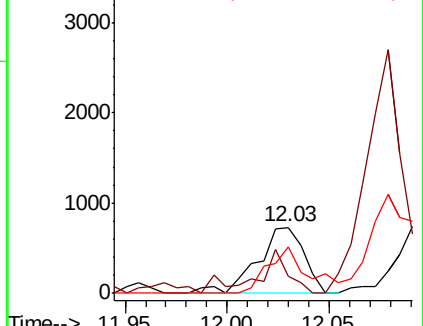
148 61.1 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 0.140 ug/l

RT: 12.03 min Scan# 1784

Delta R.T. -0.07 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

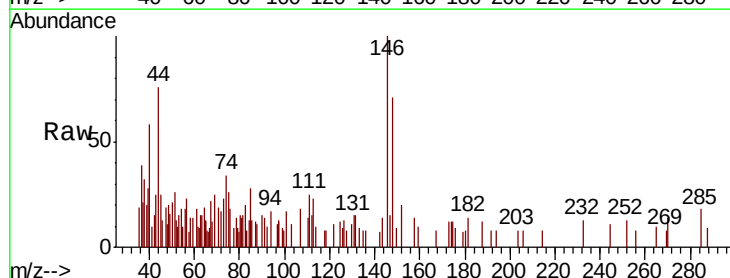
Tgt Ion:146 Resp: 1158

Ion Ratio Lower Upper

146 100

111 34.0 18.1 54.1

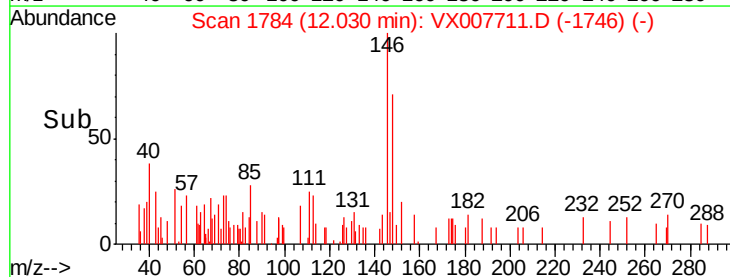
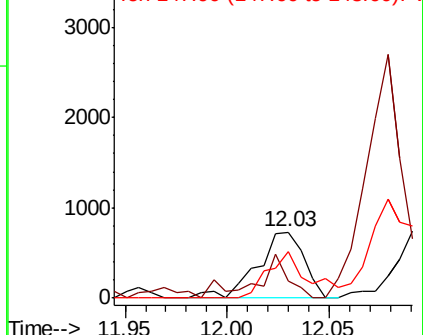
148 61.1 32.3 96.9

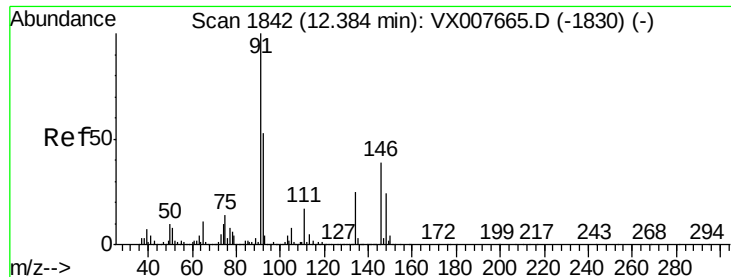


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

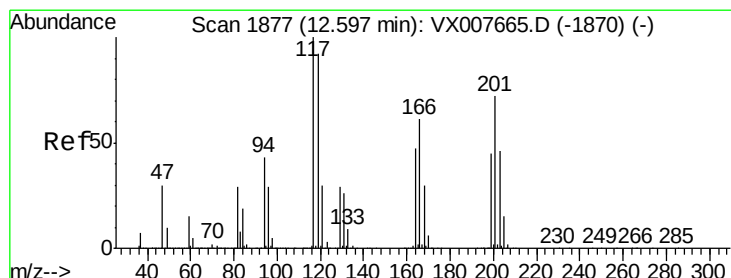
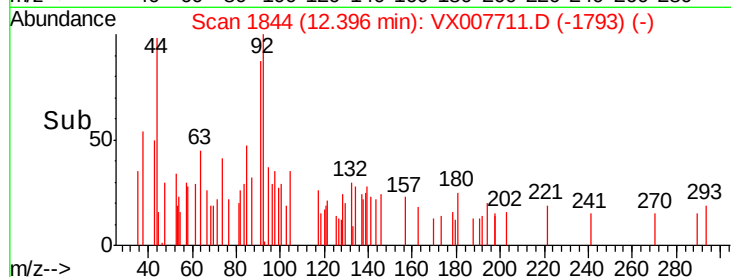
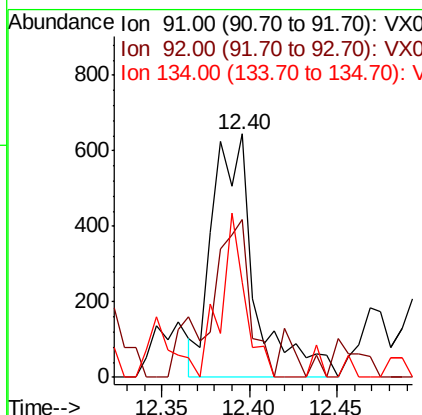
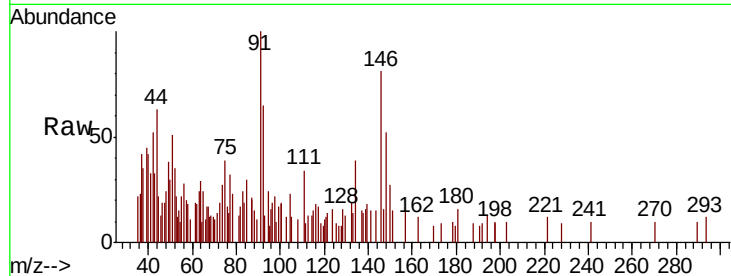




#89
n-Butylbenzene
Concen: 0.081 ug/l
RT: 12.40 min Scan# 1844
Delta R.T. 0.01 min
Lab File: VX007711.D
Acq: 26 Feb 2019 14:04

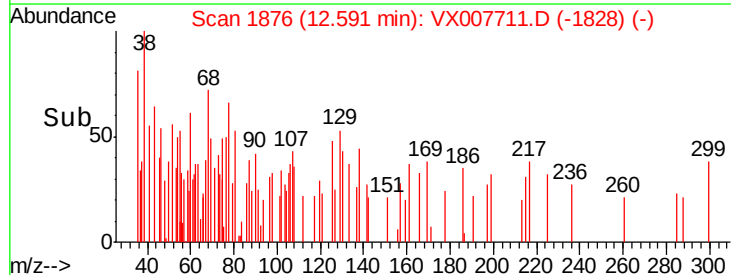
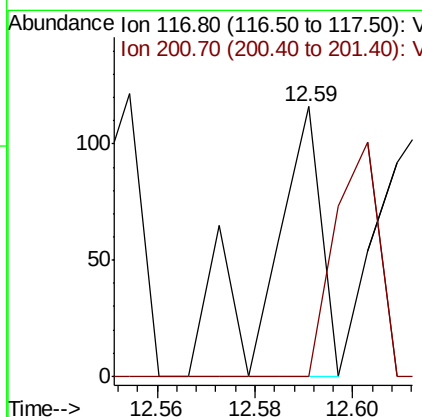
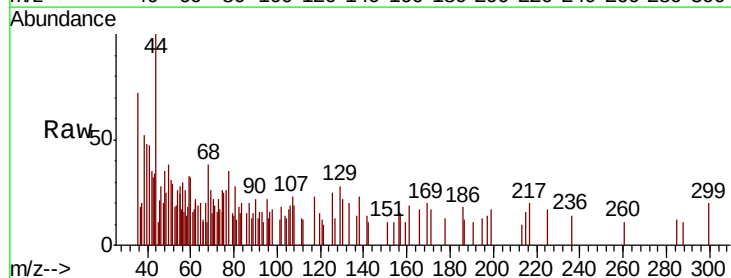
Instrument :
MSVOA_X
ClientSampled :
VX0226WBL01

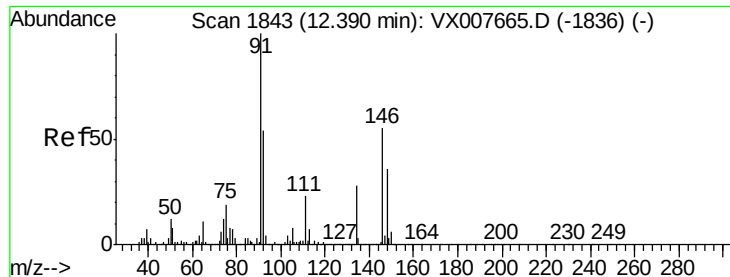
Tgt Ion: 91 Resp: 1093
Ion Ratio Lower Upper
91 100
92 61.6 26.3 78.9
134 38.8 13.9 41.6



#90
Hexachloroethane
Concen: 0.034 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX007711.D
Acq: 26 Feb 2019 14:04

Tgt Ion: 117 Resp: 87
Ion Ratio Lower Upper
117 100
201 73.6 44.9 134.7

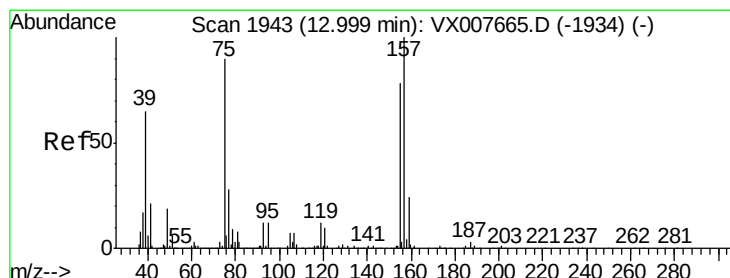
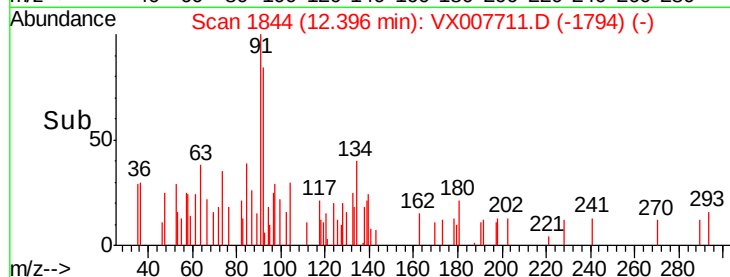
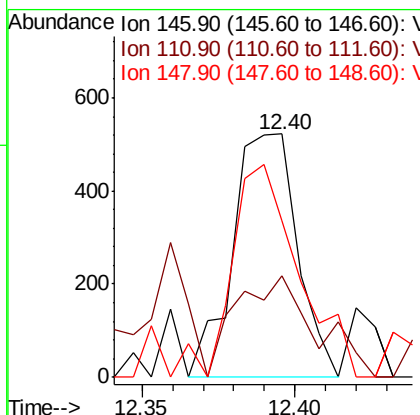
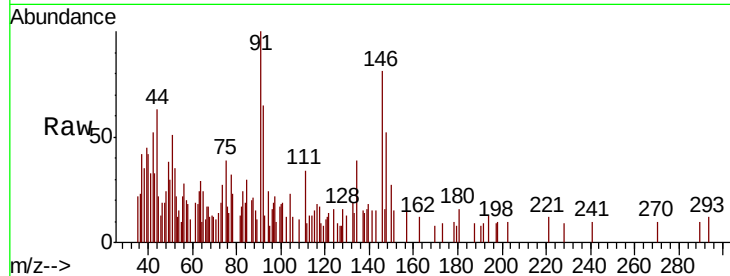




#91
 1,2-Dichlorobenzene
 Concen: 0.095 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.01 min
 Lab File: VX007711.D
 Acq: 26 Feb 2019 14:04

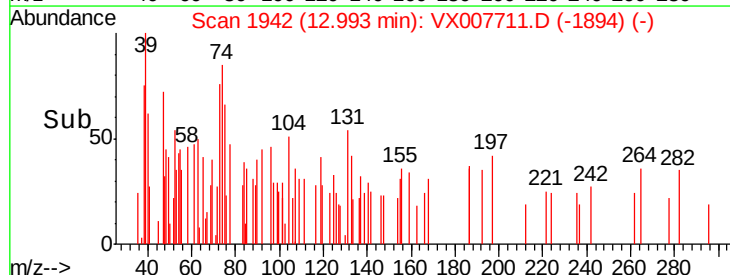
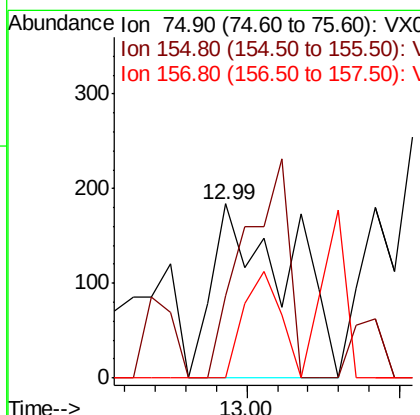
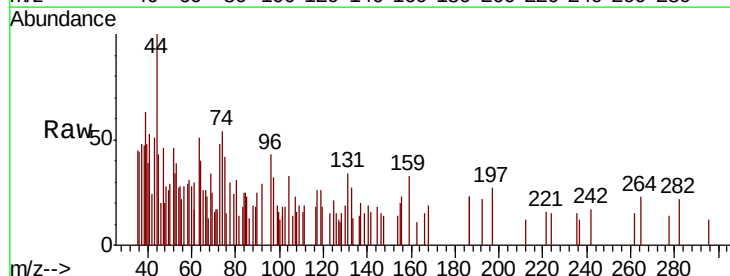
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBL01

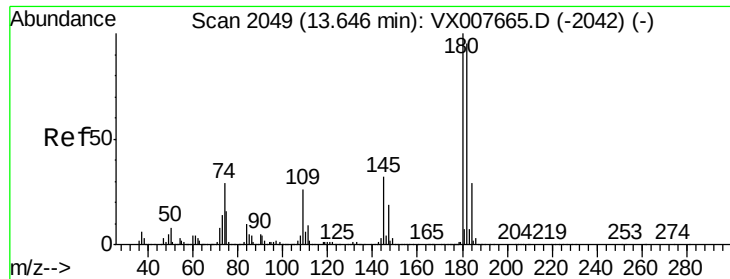
Tgt Ion: 146 Resp: 767
 Ion Ratio Lower Upper
 146 100
 111 51.1 19.1 57.3
 148 90.6 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.242 ug/l
 RT: 12.99 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: VX007711.D
 Acq: 26 Feb 2019 14:04

Tgt Ion: 75 Resp: 317
 Ion Ratio Lower Upper
 75 100
 155 73.5 49.6 149.0
 157 29.7 65.1 195.3#

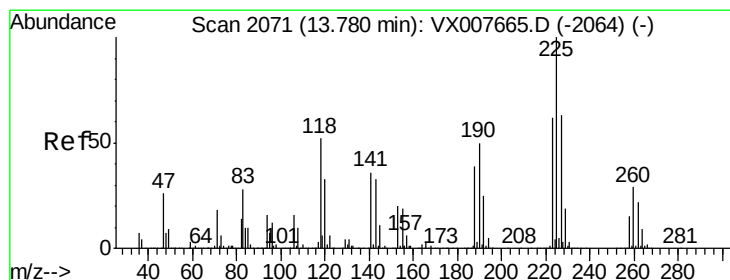
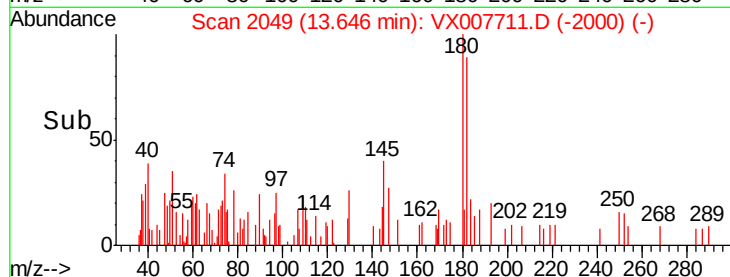
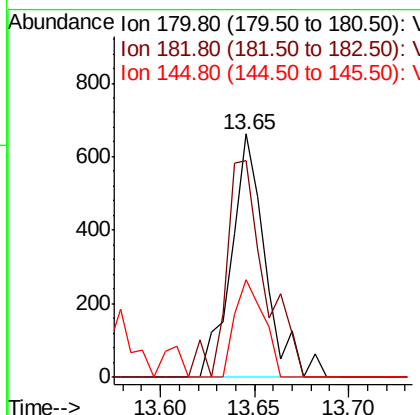
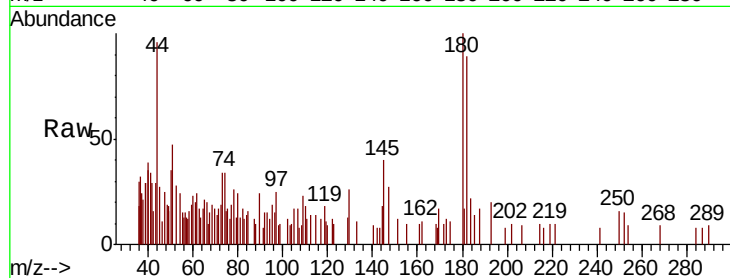




#93
 1,2,4-Trichlorobenzene
 Concen: 0.170 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007711.D
 Acq: 26 Feb 2019 14:04

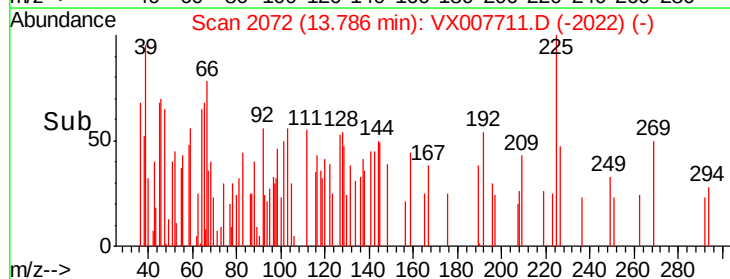
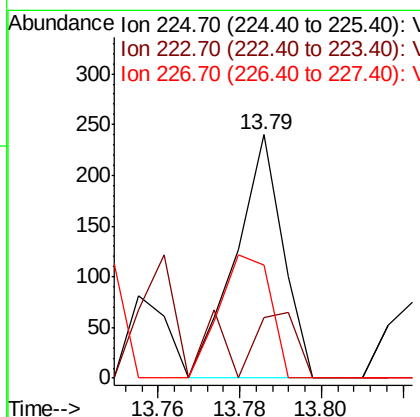
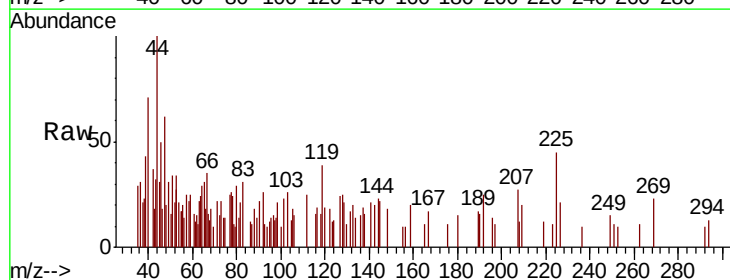
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBL01

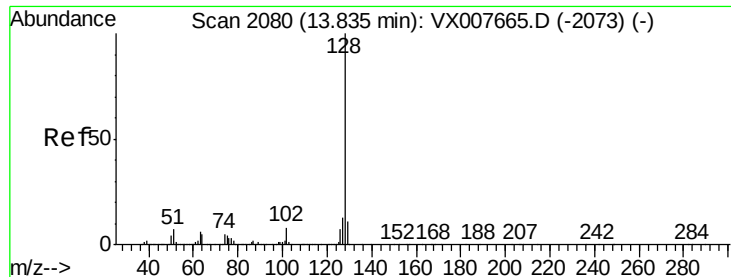
Tgt Ion:180 Resp: 839
 Ion Ratio Lower Upper
 180 100
 182 100.5 47.8 143.3
 145 33.6 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 0.085 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VX007711.D
 Acq: 26 Feb 2019 14:04

Tgt Ion:225 Resp: 193
 Ion Ratio Lower Upper
 225 100
 223 23.8 31.6 94.8#
 227 54.9 32.1 96.3





#95

Naphthalene

Concen: 0.220 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBL01

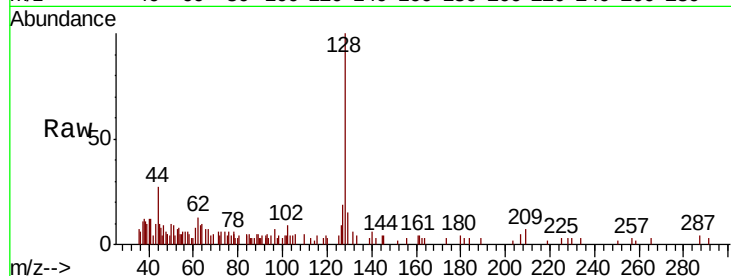
Tgt Ion:128 Resp: 3516

Ion Ratio Lower Upper

128 100

127 14.1 10.5 15.7

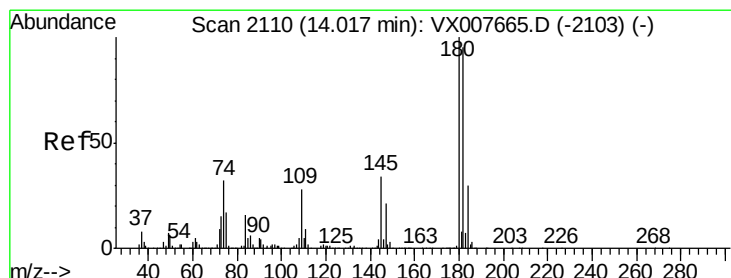
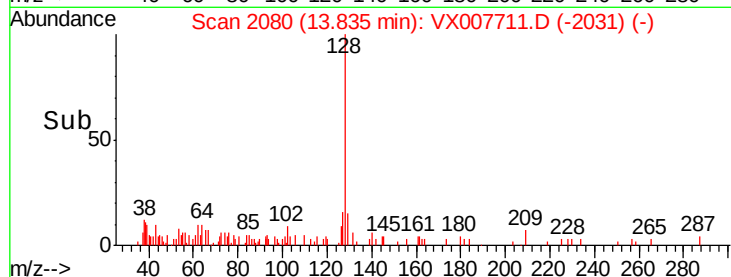
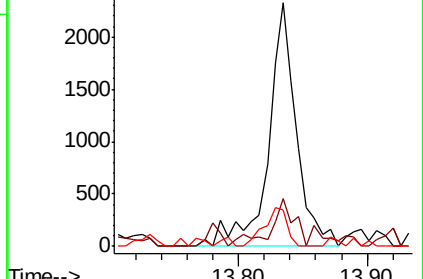
129 12.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.185 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.01 min

Lab File: VX007711.D

Acq: 26 Feb 2019 14:04

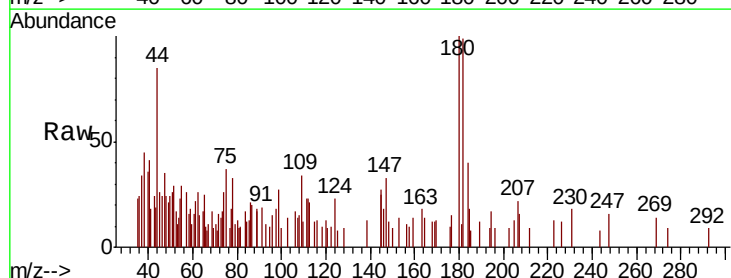
Tgt Ion:180 Resp: 917

Ion Ratio Lower Upper

180 100

182 113.8 47.5 142.6

145 45.9 14.9 44.5#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

